

CDF Checklist of Galapagos Ferns and related groups

Patricia Jaramillo Díaz, Anne Guézou, André Mauchamp, Alan Tye

Last updated: 04 Jul 2017

Abstract

This Checklist of Galapagos Ferns and related groups includes a total of all 214 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 Ferns and related groups currently known.

Pteridophytes are closely related to seed plants, and have developed roots, true leaves, a complex vascular system, and an apical growth meristem. Unlike seed plants they reproduce with spores and have two separate and well differentiated, alternating generations: a free-living *sporophyte* and a free-living *gametophyte*.

They are also different from the seed plants in that their vascular bundles are organized as tracheids. Their xylem is more primitive and they lack a vascular cambium.

Pteridophytes are dispersed via their spores, unlike gymnosperms that produce seeds, and angiosperms that produce fruits with seeds. Like seeds, many spores are resistant and can endure unfavorable environmental conditions.

Phylogenetically, pteridophytes are among the oldest plants with roots, stems, and leaves. Some were already present in the Cambrian and reached their evolutionary peak in the Mesozoic.

World-wide about 11,000 species are known, being most diverse in the humid tropics.

They have little commercial importance and are principally used as ornamentals.

Methods

This checklist of all known Galapagos Ferns and related groups 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Species Checklists represent the synthesis of many different records: literature citations, data from previously unpublished reports (grey literature), specimen records of natural history collections located in Galapagos and all over the world.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: 214 (131 accepted, 2 unidentified taxon, 2 doubtful, 10 problematic), 69 rejected.

Origin of the taxa included: 13 cultivated, 2 questionable native, 12 endemic, 113 indigenous.

1. *Adiantum concinnum* Humb. & Bonpl. ex Willd.

Taxon status: Accepted name; taxon occurs in Galapagos.

In Hooker (1847) and Andersson (1855) as *Adiantum cuneatum*, Robinson (1902) as *Adiantum aethiopicum* L., Stewart (1911) as *Adiantum henslovianum*, pro parte. fide Wiggins & Porter (1971)

Origin: Native, Indigenous.

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

References: Andersson, N.J. et al. (1855), Christophersen, E. et al. (1932), CONABIO et al. (2009), Davidse, G. et al. (1995), Fosberg, F. R. et al. (1987), Hooker, J.D. et al. (1847), Itow, S. et al. (1997), Lawesson, J.E. et al. (s.a.), Mauchamp, A. et al. (1995), Mickel, J.T. et al. (1988), Mickel, J.T. et al. (2004), Quintana, M.C. et al. (2010), Robinson, B.L. et al. (1902), Royal Botanic Gardens, Kew et al. (2010), Schofield, E.K. et al. (1984), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938), Van der Werff, H.H. et al. (1987), Van der Werff, H.H. et al. (s.a.), Wiggins, I.L. et al. (1971).

2. *Adiantum henslovianum* Hook. f.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Adiantum parvulum* Hook. f. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010). In Stewart (1911) as *Adiantum concinnum*, pro parte, and *A. diaphanum* fide Wiggins & Porter (1971).

Origin: Native, Indigenous.

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

References: Andersson, N.J. et al. (1855), Hooker, J.D. et al. (1847), Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Porter, D.M. et al. (1980), Robinson, B.L. et al. (1902), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Svenson, H.K. et al. (1935), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (1987), Van der Werff, H.H. et al. (s.a.), Wiggins, I.L. et al. (1971).

3. *Adiantum macrophyllum* Sw.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

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

References: Cayot, L. J. et al. (1987), Christophersen, E. et al. (1932), CONABIO et al. (2009), Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Tryon, R.M. et al. (1964), Van der Werff, H.H. et al. (1987), Wiggins, I.L. et al. (1971), Zuloaga, F.O. et al. (2008).

4. *Adiantum patens* Willd.

Taxon status: Accepted name; taxon occurs in Galapagos.

In Stewart (1911) as *Adiantum diaphanum* pro parte and *Adiantum henslovianu* pro parte, Mickel & Smith (2004) as *Adiantum lobatum* C. Presl

Origin: Native, Indigenous.

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

References: CONABIO et al. (2009), Itow, S. et al. (1997), Mickel, J.T. et al. (2004), Robinson, B.L. et al. (1902), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

5. *Adiantum petiolatum* Desv.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Adiantum kaulfussii* Kunze fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938), Wiggins, I.L. et al. (1971).

6. *Adiantum tenerum* Sw.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Adiantum extensum* Fée fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)

Origin: Introduced, Cultivated.

Galapagos Distribution: Santa Cruz.

References: Guézou, A. et al. (2010), Royal Botanic Gardens, Kew et al. (2010), Tropicos.org. et al. (2009).

7. *Adiantum villosum* L.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Adersen, H. et al. (1989), Cayot, L. J. et al. (1987), CONABIO et al. (2009), Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Royal Botanic Gardens, Kew et al. (2010), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

8. *Anogramma chaerophylla* (Desv.) Link

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Gymnogramma chaerophylla* Desv. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden

(2010). In Robinson (1902) as *Gymnogramme leptophylla*.

Origin: Native, Indigenous.

Galapagos Distribution: Floreana, Isabela, Santiago.

References: Hooker, J.D. et al. (1847), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Nowak, J.B. et al. (1987), Robinson, B.L. et al. (1902), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

9. *Arachnoides denticulatata* (Sw.) Ching

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Polypodium denticulatum*

Origin: Native, Indigenous.

Galapagos Distribution: San Cristóbal, Santa Cruz.

References: Adsersen, H. et al. (1977), Adsersen, H. et al. (1989), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (1977).

10. *Asplenium aethiopicum* (Burm. f.) Bech.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Asplenium praemorsum* Sw. In Robinson (1902) as *Asplenium furcatum*.

Origin: Native, Indigenous.

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

References: Adsersen, H. et al. (s.a.), Itow, S. et al. (1997), Quintana, M.C. et al. (2010), Royal Botanic Gardens, Kew et al. (2010), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

11. *Asplenium auritum* var. *auriculatum* (Hook. f.) Morton & Lellinger

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Asplenium marinum* var. *auriculatum* Hook. f. In Robinson (1902) as *Asplenium lunulatum*. This taxon most likely also refers to *Asplenium sulcatum* sensu Stewart (1911).

Origin: Native, Indigenous.

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

References: Andersson, N.J. et al. (1855), Hooker, J.D. et al. (1847), Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Nowak, J.B. et al. (1987), Porter, D.M. et al. (1980), Robinson, B.L. et al. (1902), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (s.a.), Wiggins, I.L. et al. (1971).

12. *Asplenium cristatum* Lam.

Taxon status: Taxonomic status unresolved or unrevised.

Unresolved nomenclature as of 20-Jul-2011 fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010). In Hooker (1847) and Andersson (1855) as *Asplenium macraei*, Stewart (1911), Christophersen (1932), and Svenson (1938) as *Asplenium myriophyllum* fide Wiggins & Porter (1971)

Origin: Native, Indigenous.

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

References: Andersson, N.J. et al. (1855), Christophersen, E. et al. (1932), Hokche, O. et al. (2008), Hooker, J.D. et al. (1847), Itow, S. et al. (1997), Mickel, J.T. et al. (1988), Mickel, J.T. et al. (2004), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (1987), Van der Werff, H.H. et al. (s.a.), Wiggins, I.L. et al. (1971).

13. *Asplenium feei* Kunze ex Fée

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Asplenium anisophyllum* var. *latifolium* Hook., pro parte with respect to Galápagos specimens fide Wiggins & Porter (1971), *A. nubilum* T. Moore, *A. sanguinolentum* Kunze ex Mett. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010). In Stewart (1911) as *Asplenium serra* pro parte.

Origin: Native, Indigenous.

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

References: Adersen, H. et al. (s.a.), Itow, S. et al. (1997), Nowak, J.B. et al. (1987), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (1987), Wiggins, I.L. et al. (1971).

14. *Asplenium formosum* var. *carolinum* (Maxon) C.V. Morton

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Asplenium carolinum*, *A. subulatum* with respect to Galapagos specimens fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010) et Wiggins & Porter (1971)

Origin: Native, Endemic.

IUCN Red List: Least Concern.

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

References: Adersen, H. et al. (1987), Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Royal Botanic Gardens, Kew et al. (2010), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

15. *Asplenium nigrescens* Hook. f.

Taxon status: Taxonomic status unresolved or unrevised.

Unresolved nomenclature as of 20-Jul-2011 fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010).

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Andersson, N.J. et al. (1855), Hooker, J.D. et al. (1847), Royal Botanic Gardens, Kew et al. (2010).

16. *Asplenium otites* Link

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Asplenium poloense* Rosenst. fide Wiggins & Porter (1971) non fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)

Origin: Native, Indigenous.

Galapagos Distribution: San Cristóbal, Santa Cruz.

References: Adersen, H. et al. (1989), Mickel, J.T. et al. (1988), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

17. *Asplenium pumilum* Sw.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Asplenium anthriscifolium* Jacq. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)

Origin: Native, Indigenous.

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

References: Fosberg, F. R. et al. (1987), Jäger, H. et al. (2007), Mickel, J.T. et al. (1988), Mickel, J.T. et al.

(2004), Nowak, J.B. et al. (1987), Stewart, A. et al. (1911), Stolze, R.G. et al. (1986), Svenson, H.K. et al. (1938), Van der Werff, H.H. et al. (1987), Wiggins, I.L. et al. (1971), Zuloaga, F.O. et al. (1997), Zuloaga, F.O. et al. (2008).

18. *Asplenium serra var. imrayanum* Hook.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

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

References: Itow, S. et al. (1997), Jaramillo, P. et al. (1998), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Porter, D.M. et al. (1983), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

19. *Asplenium sulcatum var. macilentum* Moore

Taxon status: Taxonomic status unresolved or unrevised.

Cited by Stewart (1911). However, this variation is not listed in any other Galapagos literature, or Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Stewart, A. et al. (1911).

20. *Azolla microphylla* Kaulf.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Azolla mexicana* Cham. & Schldl. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010). In Andersson (1855), Robinson (1902) and Stewart (1911) as *Azolla caroliniana*, Svenson (1938) as *Azolla filiculoides*.

Origin: Native, Indigenous.

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

References: Andersson, N.J. et al. (1855), Cayot, L. J. et al. (1987), CONABIO et al. (2009), Gerecke, R. et al. (1995), Itow, S. et al. (1997), Robinson, B.L. et al. (1902), Royal Botanic Gardens, Kew et al. (2010), Schofield, E.K. et al. (1971), Schofield, E.K. et al. (1984), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

21. *Blechnum falciforme* (Liebm.) C. Chr.

Taxon status: Accepted name; taxon occurs in Galapagos.

In Stewart (1911) as *Acrostichum aureum* fide Wiggins & Porter (1971)

Origin: Native, Indigenous.

Galapagos Distribution: Isabela, Santa Cruz.

References: Adersen, H. et al. (1989), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Morton, C.V. et al. (1957), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

22. *Blechnum lehmannii* Hieron.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Adersen, H. et al. (1989), Itow, S. et al. (1997), Royal Botanic Gardens, Kew et al. (2010),

Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (1987), Wiggins, I.L. et al. (1971).

23. *Blechnum polypodioides* Raddi

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

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

References: CONABIO et al. (2009), Funk, V.T. et al. (2007), Hokche, O. et al. (2008), Itow, S. et al. (1987), Itow, S. et al. (1997), Jäger, H. et al. (2007), Jaramillo, P. et al. (1998), Mickel, J.T. et al. (1988), Mickel, J.T. et al. (2004), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Stolze, R.G. et al. (1981), Van der Werff, H.H. et al. (1987), Wiggins, I.L. et al. (1971), Zuloaga, F.O. et al. (2008).

24. *Blechnum puberulum* (Sodirol) Rojas

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Blechnum occidentale* var. *puberulum* Sodirol fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010), *Blechnum occidentale* var. *caudatum* sensu Hooker, pro parte with respect to Galápagos specimens, fide Wiggins & Porter (1971)

Origin: Native, Indigenous.

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

References: Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Porter, D.M. et al. (1980), Royal Botanic Gardens, Kew et al. (2010), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

25. *Botrychium underwoodianum* Maxon

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Botrychium ternatum* var. *daedaleum*

Origin: Native, Indigenous.

Galapagos Distribution: Isabela, Santa Cruz.

References: Adersen, H. et al. (1989), Eliasson, U. et al. (1968), Jaramillo, P. et al. (2000), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Lawesson, J.E. et al. (1987), Porter, D.M. et al. (1983), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

26. *Campyloneurum amphostenon* (Kunze ex Klotzsch) Fée

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Polypodium angustifolium* *amphostemon*

Origin: Native, Indigenous.

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

References: Morton, C.V. et al. (1957), Nowak, J.B. et al. (1987), Van der Werff, H.H. et al. (s.a.), Wiggins, I.L. et al. (1971).

27. *Campyloneurum angustifolium* (Sw.) Fée

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Marginaria ensifolia* (Willd.) C. Presl, *Polypodium angustifolium* Sw. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)

Origin: No Data.

Galapagos Distribution: Fernandina, Santa Cruz.

References: Andersson, N.J. et al. (1855), Hooker, J.D. et al. (1847), Itow, S. et al. (1997), Robinson, B.L. et

al. (1902), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938).

28. *Campyloneurum phyllitidis* (L.) C. Presl

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: Polypodium phyllitidis fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010). In Stewart (1911) as Polypodium crassifolium.

Origin: Native, Indigenous.

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

References: Andersson, N.J. et al. (1855), Hooker, J.D. et al. (1847), Itow, S. et al. (1997), Nowak, J.B. et al. (1987), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (s.a.), Wiggins, I.L. et al. (1971).

29. *Cheilanthes bonariensis* (Willd.) Proctor

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: Notholaena aurea

Origin: Native, Indigenous.

Galapagos Distribution: Isabela.

References: Quintana, M.C. et al. (2010), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

30. *Cheilanthes microphylla* (Sw.) Sw.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: Cheilanthes heterotricha Andersson fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)

Origin: Native, Indigenous.

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

References: Andersson, N.J. et al. (1855), Fosberg, F. R. et al. (1987), Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Robinson, B.L. et al. (1902), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

31. *Cheilanthes myriophylla* Desv.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: Cheilanthes elegans

Origin: Native, Indigenous.

Galapagos Distribution: Isabela.

References: Adersen, H. et al. (1989), Jaramillo, P. et al. (2000), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Lawesson, J.E. et al. (1987), Quintana, M.C. et al. (2010), Robinson, B.L. et al. (1902), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

32. *Cheiroglossa palmata* (L.) C. Presl

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn: Ophioglossum palmatum L.

Origin: Native, Indigenous.

Galapagos Distribution: Pinta.

References: Adersen, H. et al. (1977), Royal Botanic Gardens, Kew et al. (2010), Tropicos.org. et al. (2009).

33. *Cochlidium serrulatum* (Sw.) L.E. Bishop

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: Grammitis serrulata

Origin: Native, Indigenous.

Galapagos Distribution: Floreana, San Cristóbal, Santa Cruz.

References: Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

34. *Ctenitis microchlaena* (Fee) Stolze

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: Dryopteris microchlaena (Fée) C. Chr.

Origin: Introduced, Questionable Native.

Galapagos Distribution: San Cristóbal.

References: Davidse, G. et al. (1995), Jørgensen, P.M. et al. (2010), Jørgensen, P.M. et al. (1999), Mickel, J.T. et al. (2004), Moran, R. et al. (2016), Tropicos.org. et al. (2009).

35. *Ctenitis sloanei* (Poepp. ex Spreng.) C.V. Morton

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: Polypodium paleaceum Hook. f., P. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010). In Stewart (1911) as Dryopteris furcata, Svenson (1938) as Dryopteris ampla.

Origin: Native, Indigenous.

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

References: Adersen, H. et al. (s.a.), Andersson, N.J. et al. (1855), Hooker, J.D. et al. (1847), Itow, S. et al. (1997), Jäger, H. et al. (2007), Jaramillo, P. et al. (1998), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Moran, R. et al. (2016), Nowak, J.B. et al. (1985), Porter, D.M. et al. (1980), Robinson, B.L. et al. (1902), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (1987), Wiggins, I.L. et al. (1971).

36. *Cyathea weatherbyana* (C.V. Morton) C.V. Morton

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: Hemitelia weatherbyana fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010). In Stewart (1911) as Hemitelia multiflora, Svenson (1938) as Hemitelia aff. subcaesia fide Wiggins & Porter (1971)

Origin: Native, Endemic.

IUCN Red List: Endangered.

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

References: Adersen, H. et al. (1987), Adersen, H. et al. (1989), D'Arcy, W.G. et al. (), Estupiñan, I. et al. (1985), Gerecke, R. et al. (1995), Gradstein, S.R. et al. (1994), Itow, S. et al. (1987), Itow, S. et al. (1997), Jäger, H. et al. (2007), Jaramillo, P. et al. (1998), Jaramillo, P. et al. (2000), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Loope, L.L. et al. (1987), Lundh, J.P. et al. (1995), Morton, C.V. et al. (1957), Nowak, J.B. et al. (1987), Restrepo, A. et al. (2011), Royal Botanic Gardens, Kew et al. (2010), Schofield, E.K. et al. (1971), Schofield, E.K. et al. (1984), Smith, A.G. et al. (1964), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Valencia, R. et al. (2000), Van der Werff, H.H. et al. (1987), Wiggins, I.L. et al. (1971).

37. *Dennstaedtia cicutaria* (Sw.) T. Moore
Taxon status: Accepted name; taxon occurs in Galapagos.
In Svenson (1938) as *Hypolepis repens* fide Wiggins & Porter (1971)
Origin: Native, Indigenous.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz, Santiago.
References: Jørgensen, P.M. et al. (1999), Morton, C.V. et al. (1957), Nowak, J.B. et al. (1987), Royal Botanic Gardens, Kew et al. (2010), Svenson, H.K. et al. (1938), Tropic.org. et al. (2009), Van der Werff, H.H. et al. (s.a.), Wiggins, I.L. et al. (1971).
38. *Dennstaedtia dissecta* (Sw.) T. Moore
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Polypodium dissectum*
Origin: Native, Indigenous.
Galapagos Distribution: Isabela, Santa Cruz.
References: Adsersen, H. et al. (1989), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Tropic.org. et al. (2009), Van der Werff, H.H. et al. (1977).
39. *Dennstaedtia globulifera* (Poir.) Hieron.
Taxon status: Accepted name; taxon occurs in Galapagos.
In Stewart (1911) as *Dryopteris furcata* and *Polystichum apiifolium* fide Wiggins & Porter (1971)
Origin: Native, Indigenous.
Galapagos Distribution: Isabela, Santa Cruz, Santiago.
References: Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Tropic.org. et al. (2009), Van der Werff, H.H. et al. (1987), Wiggins, I.L. et al. (1971).
40. *Dicranopteris flexuosa* (Schrad.) Underw.
Taxon status: Accepted name; taxon occurs in Galapagos.
In Robinson (1902) as *Gleichenia dichotoma*, Stewart (1911) as *Gleichenia linearis*, fide Wiggins & Porter (1971)
Origin: Native, Indigenous.
Galapagos Distribution: Isabela, Pinzón, San Cristóbal, Santa Cruz, Santiago.
References: Itow, S. et al. (1987), Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (s.a.), Robinson, B.L. et al. (1902), Royal Botanic Gardens, Kew et al. (2010), Tropic.org. et al. (2009), Van der Werff, H.H. et al. (1987), Wiggins, I.L. et al. (1971).
41. *Diplazium expansum* Willd.
Taxon status: Accepted name; taxon occurs in Galapagos.
Diplazium expansum Willd. fide Royal Botanic Gardens, Kew, Missouri Botanical Garden (2010).
Origin: Native, Indigenous.
Galapagos Distribution: Unknown.
References: Morton, C.V. et al. (1957), Mynssen, C. et al. (2016), Mynssen, C. et al. (2016), Royal Botanic Gardens, Kew et al. (2010).

42. *Diplazium subobtusum* Rosenst.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

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

References: Adersen, H. et al. (1989), Itow, S. et al. (1997), Jäger, H. et al. (2007), Moran, R. et al. (2016), Mynssen, C. et al. (2016), Mynssen, C. et al. (2016), Royal Botanic Gardens, Kew et al. (2010), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

43. *Doryopteris concolor* (Langsd. & Fisch.) Kuhn

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Pteris concolor* Langsd. & Fisch.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz, Santiago.

References: Adersen, H. et al. (1989), CONABIO et al. (2009), Davidse, G. et al. (1995), Fosberg, F. R. et al. (1987), Jaramillo, P. et al. (2000), Jørgensen, P.M. et al. (2010), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Mickel, J.T. et al. (1988), Mickel, J.T. et al. (2004), Smith, A.R. et al. (1981), Stewart, A. et al. (1911), Stolze, R.G. et al. (1981), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971), Zuloaga, F.O. et al. (2008).

44. *Doryopteris palmata* (Willd.) J. Sm.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

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

References: Jäger, H. et al. (2007), Royal Botanic Gardens, Kew et al. (2010), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

45. *Doryopteris pedata* var. *palmata* (Willd) Hicken

Taxon status: Accepted name; taxon occurs in Galapagos.

This species, as reported by Wiggins & Porter (1971), most likely also refers to *Litobrocha pedata* sensu Hooker (1847) and Andersson (1855), and *Doryopteris pedata* sensu Stewart (1911) and Svenson (1938)

Origin: Native, Indigenous.

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

References: Andersson, N.J. et al. (1855), Hooker, J.D. et al. (1847), Itow, S. et al. (1997), Jaramillo, P. et al. (1998), Jørgensen, P.M. et al. (1999), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

46. *Dryopteris patula* (Sw.) Underw.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Aspidium patulum*

Origin: Native, Indigenous.

Galapagos Distribution: Fernandina, Isabela, Santa Cruz.

References: Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Moran, R. et al. (2016), Nowak, J.B. et al. (1987), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

47. *Dryopteris wallichiana* (Spreng.) Hyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: Dryopteris parallelogramma
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Adersen, H. et al. (1977), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (1977).
48. *Elaphoglossum engelii* (H. Karst.) H. Christ.
Taxon status: Accepted name; taxon occurs in Galapagos.
In Stewart (1911) and Svenson (1938) as *Elaphoglossum petiolatum* pro parte, fide Wiggins & Porter (1971)
Origin: Native, Indigenous.
Galapagos Distribution: Fernandina, Isabela, Pinta, Santa Cruz, Santiago.
References: Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Moran, R. et al. (2016), Morton, C.V. et al. (1957), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (s.a.), Wiggins, I.L. et al. (1971).
49. *Elaphoglossum glossophyllum* Hieron.
Taxon status: Accepted name; taxon occurs in Galapagos.
In Svenson (1938) as *Elaphoglossum petiolatum* pro parte, fide Wiggins & Porter (1971)
Origin: Native, Indigenous.
Galapagos Distribution: Isabela, Santa Cruz.
References: Adersen, H. et al. (1989), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Moran, R. et al. (2016), Morton, C.V. et al. (1957), Porter, D.M. et al. (1983), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (1987), Wiggins, I.L. et al. (1971).
50. *Elaphoglossum hassleri* C. Chr.
Taxon status: Accepted name; taxon occurs in Galapagos.
Elaphoglossum hassleri C. Chr. fide Royal Botanic Gardens, Kew, Missouri Botanical Garden (2010).
Origin: Native, Indigenous.
Galapagos Distribution: Unknown.
References: Morton, C.V. et al. (1957), Royal Botanic Gardens, Kew et al. (2010).
51. *Elaphoglossum hoffmannii* (Mett. ex Kuhn) H. Christ.
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Elaphoglossum firmum* (Mett. ex Kuhn) Urb. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010).
Origin: Native, Indigenous.
Galapagos Distribution: Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Moran, R. et al. (2016), Porter, D.M. et al. (1980), Robinson, B.L. et al. (1902), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911).
52. *Elaphoglossum minutum* (Pohl ex Fée) T. Moore
Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

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

References: Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Moran, R. et al. (2016), Morton, C.V. et al. (1957), Royal Botanic Gardens, Kew et al. (2010), Tropicicos.org. et al. (2009), Van der Werff, H.H. et al. (1987), Wiggins, I.L. et al. (1971).

53. *Elaphoglossum muscosum* (Sw.) Moore

Taxon status: Taxonomic status unresolved or unrevised.

Cited by Stewart (1911). However, this species is not listed in any other Galapagos literature.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911).

54. *Elaphoglossum tenuiculum* (Fée) T. Moore ex C. Chr.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Acrostichum tenuiculum* Fée

Origin: Native, Indigenous.

Galapagos Distribution: Isabela.

References: Adersen, H. et al. (1989), Davidse, G. et al. (1995), Jørgensen, P.M. et al. (2010), Mickel, J.T. et al. (2004), Moran, R. et al. (2016), Wiggins, I.L. et al. (1971).

55. *Elaphoglossum yarumalense* Hieron.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Isabela, San Cristóbal.

References: Adersen, H. et al. (1989), Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Moran, R. et al. (2016), Porter, D.M. et al. (1983), Royal Botanic Gardens, Kew et al. (2010), Tropicicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

56. *Equisetum bogotense* Kunth

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Fernandina, Isabela, Santa Cruz.

References: Adersen, H. et al. (1977), Jørgensen, P.M. et al. (1994), Nowak, J.B. et al. (1987), Quintana, M.C. et al. (2010), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938), Tropicicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

57. *Hemionitis palmata* L.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Gymnogramme palmata* (L.) Link

Origin: Native, Indigenous.

Galapagos Distribution: Isabela, Santa Cruz.

References: Adersen, H. et al. (1989), Stolze, R.G. et al. (1981), Stolze, R.G. et al. (1976), Tropicicos.org. et al. (2009), Van der Werff, H.H. et al. (1987), Wiggins, I.L. et al. (1971).

58. *Huperzia dichotoma* (Jacq.) Trevis.
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Lycopodium dichotomum*
Origin: Native, Indigenous.
Galapagos Distribution: Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Royal Botanic Gardens, Kew et al. (2010), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (s.a.), Wiggins, I.L. et al. (1971).
59. *Huperzia galapagensis* (O. Hamann) Holub
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Lycopodium setaceum galapagense*
Origin: Native, Endemic.
IUCN Red List: Vulnerable.
Galapagos Distribution: Pinta, Santa Cruz, Santiago.
References: Adersen, H. et al. (1977), Hamann, O. et al. (1974), Tropicos.org. et al. (2009).
60. *Huperzia phyllicifolia* (Desvaux ex Poir.) Holub
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Lycopodium phyllicaefolium*
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Adersen, H. et al. (1977), Tropicos.org. et al. (2009).
61. *Huperzia reflexa* (Lam.) Trevis.
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Lycopodium reflexum* Lam. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010).
Origin: Native, Indigenous.
Galapagos Distribution: San Cristóbal, Santa Cruz.
References: Adersen, H. et al. (s.a.), Itow, S. et al. (1997), Royal Botanic Gardens, Kew et al. (2010), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).
62. *Huperzia taxifolia* (Sw.) Trevis.
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Lycopodium passerinoides* Kunth fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010). In Svenson (1938) as *Lycopodium taxifolium* fide Wiggins & Porter (1971).
Origin: Native, Indigenous.
Galapagos Distribution: Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Christophersen, E. et al. (1932), Itow, S. et al. (1997), Royal Botanic Gardens, Kew et al. (2010), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).
63. *Huperzia verticillata* (L. f.) Trevis.
Taxon status: Taxonomic status unresolved or unrevised.
Name unresolved; syn.: *Lycopodium setaceum* Lam. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)
Origin: No Data.

Galapagos Distribution: Unknown.

References: Royal Botanic Gardens, Kew et al. (2010), Van der Werff, H.H. et al. (1987).

64. *Hymenophyllum crispum* Kunth

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Sphaerocionium crispum* (Kunth) Klotzsch

Origin: Native, Indigenous.

Galapagos Distribution: San Cristóbal.

References: CONABIO et al. (2009), Hokche, O. et al. (2008), Jørgensen, P.M. et al. (2010), Jørgensen, P.M. et al. (1999), Mickel, J.T. et al. (1988), Mickel, J.T. et al. (2004), Stolze, R.G. et al. (1976), Tropicos.org. et al. (2009), Zuloaga, F.O. et al. (2008).

65. *Hymenophyllum hirsutum* (L.) Sw.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Hymenophyllum ciliatum* (Sw.) Sw., *Trichomanes hirsutum* L. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)

Origin: Native, Indigenous.

Galapagos Distribution: San Cristóbal, Santa Cruz.

References: Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

66. *Hymenophyllum lehmannii* Hieron.

Taxon status: Accepted name; taxon occurs in Galapagos.

In Stewart (1911) as *Trichomanes pusillum* fide Wiggins & Porter (1971).

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz, Santiago.

References: Funk, V.T. et al. (2007), Hokche, O. et al. (2008), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Porter, D.M. et al. (1983), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

67. *Hymenophyllum plumieri* Hook. & Grev.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Sphaerocionium plumieri*

Origin: Native, Indigenous.

Galapagos Distribution: Isabela, San Cristóbal.

References: Adersen, H. et al. (1989), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (1977).

68. *Hymenophyllum polyanthos* (Sw.) Sw.

Taxon status: Taxonomic status unresolved or unrevised.

Unresolved nomenclature as of 21-Jul-2011 fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010). Erroneously reported by Stewart (1911); misidentification of *Trichomanes reptans* Sw. (= *Trichomanes montanum* Hook.), fide Wiggins & Porter (1971).

Origin: Native, Indigenous.

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

References: Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Porter, D.M. et al. (1983), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (s.a.), Wiggins, I.L. et al. (1971).

69. *Hypolepis hostilis* (Kunze) C. Presl.

Taxon status: Accepted name; taxon occurs in Galapagos.

In Svenson (1938) as *Hypolepis repens*, fide Wiggins & Porter (1971)

Origin: Native, Indigenous.

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

References: Adersen, H. et al. (s.a.), Itow, S. et al. (1987), Itow, S. et al. (1997), Jäger, H. et al. (2007), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Nowak, J.B. et al. (1987), Royal Botanic Gardens, Kew et al. (2010), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (1987), Wiggins, I.L. et al. (1971).

70. *Lellingeria delitescens* (Maxon) A.R. Sm. & R.C. Moran

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Grammitis delitescens*

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Adersen, H. et al. (1977), Tropicos.org. et al. (2009).

71. *Lycopodiella cernua* (L.) Pic. Serm.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Lycopodium cernuum* L. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)

Origin: Native, Indigenous.

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

References: Adersen, H. et al. (s.a.), Christophersen, E. et al. (1932), Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Royal Botanic Gardens, Kew et al. (2010), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

72. *Lycopodium clavatum* L.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

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

References: Christophersen, E. et al. (1932), Itow, S. et al. (1987), Itow, S. et al. (1997), Jäger, H. et al. (2007), Jaramillo, P. et al. (1998), Restrepo, A. et al. (2011), Robinson, B.L. et al. (1902), Royal Botanic Gardens, Kew et al. (2010), Schofield, E.K. et al. (1984), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (1987), Wiggins, I.L. et al. (1971).

73. *Lycopodium thyoides* Humb. & Bonpl. ex Willd.

Taxon status: Accepted name; taxon occurs in Galapagos.

In Stewart (1911), Christophersen (1932), and Svenson (1938) as *Lycopodium complanatum*.

Origin: Native, Indigenous.

Galapagos Distribution: Isabela, Santa Cruz.

References: Christophersen, E. et al. (1932), CONABIO et al. (2009), Davidse, G. et al. (1995), Itow, S. et al.

(1997), Jäger, H. et al. (2007), Mickel, J.T. et al. (2004), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971), Zuloaga, F.O. et al. (2008), Øllgaard, B. et al. (1988).

74. *Macrothelypteris torresiana* (Gaudich.) Ching

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Thelypteris torresiana* (Gaudich.) Alston fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Royal Botanic Gardens, Kew et al. (2010), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (1977).

75. *Megalastrum pleiosoros* (Hook. f.) A.R. Sm. & R.C. Moran

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Ctenitis pleiosoros* (Hook. f.) C.V. Morton, *Dryopteris pleiosoros* (Hook. f.) Svenson, *Polypodium pleiosoros* Hook.f. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010). In Robinson as *Nephrodium villosum* and as *Polypodium pleiosorum*

Origin: Native, Endemic.

IUCN Red List: Near Threatened.

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

References: Andersson, N.J. et al. (1855), Hooker, J.D. et al. (1847), Itow, S. et al. (1997), Jäger, H. et al. (2007), Moran, R. et al. (2016), Nowak, J.B. et al. (1987), Robinson, B.L. et al. (1902), Royal Botanic Gardens, Kew et al. (2010), Tropicos.org. et al. (2009), Valencia, R. et al. (2000), Van der Werff, H.H. et al. (1977).

76. *Mildella intramarginalis* (Kaulf. ex Link) Trevis.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Cheilanthes intramarginalis* (Kaulf. ex Link) Hook.; *Pellaea intramarginalis* (Kaulf. ex Link) J. Sm. and *Pteris intramarginalis* Kaulf. ex Link

Origin: Native, Indigenous.

Galapagos Distribution: Isabela.

References: Jørgensen, P.M. et al. (1999), Royal Botanic Gardens, Kew et al. (2010), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (1987).

77. *Mildella intramarginalis* var. *intramarginalis* (Link) Trev.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Isabela, Santa Cruz, Santiago.

References: Adersen, H. et al. (s.a.), Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (1987), Weber, D. et al. (1973), Wiggins, I.L. et al. (1971).

78. *Nephrolepis biserrata* (Sw.) Schott

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Aspidium biserratum* Sw., *Nephrolepis acuta* (Schkuhr) C. Presl fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)

Origin: Native, Indigenous.

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

References: Appeltans, W. et al. (2010), Chen, J. et al. (2007), CONABIO et al. (2009), Davidse, G. et al. (1995), Funk, V.T. et al. (2007), Itow, S. et al. (1997), Jørgensen, P.M. et al. (2010), Jørgensen, P.M. et al. (1999), Mickel, J.T. et al. (1988), Mickel, J.T. et al. (2004), Robinson, B.L. et al. (1902), Royal Botanic Gardens, Kew et al. (2010), Smith, A.R. et al. (1981), Stewart, A. et al. (1911), Stolze, R.G. et al. (1981), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Tryon, R.M. et al. (1964), Wiggins, I.L. et al. (1971), Zuloaga, F.O. et al. (2008).

79. *Nephrolepis cordifolia* (L.) C. Presl.

Taxon status: Accepted name; taxon occurs in Galapagos.

The native "N. cordifolia" of Wiggins & Porter (1971) and Lawesson et al. (1987) is actually *N. pectinata*. Earlier records refer to *N. pectinata* (q. v.).

Origin: Introduced, Cultivated.

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

References: Andersson, N.J. et al. (1855), Blair, C. et al. (1985), Gerecke, R. et al. (1995), Guézou, A. et al. (2010), Hooker, J.D. et al. (1847), Itow, S. et al. (1987), Itow, S. et al. (1997), Lawesson, J.E. et al. (1987), Van der Werff, H.H. et al. (1987), Wiggins, I.L. et al. (1971).

80. *Nephrolepis cordifolia* cv. *Duffi* (L.) C. Presl.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Cultivated.

Galapagos Distribution: Santa Cruz.

References: Wiggins, I.L. et al. (1971).

81. *Nephrolepis exaltata* cv. *Gretnae* (L.) Schott

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Cultivated.

Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz.

References: Clavijo, P. et al. (1991), Guézou, A. et al. (2010), Mueller-Dombois, D. et al. (1987).

82. *Nephrolepis exaltata* cv. *Norwoodii* (L.) Schott.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Cultivated.

Galapagos Distribution: Santa Cruz.

83. *Nephrolepis exaltata* cv. *Smithii* (L.) Schott

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Cultivated.

Galapagos Distribution: Santa Cruz.

References: Guézou, A. et al. (2010).

84. *Nephrolepis exaltata* cv. *Verona* (L.) Schott

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Cultivated.

Galapagos Distribution: Santa Cruz.

References: Guézou, A. et al. (2010).

85. *Nephrolepis pectinata* (Willd.) Schott

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Aspidium pectinatum* Willd., *Nephrodium pectinatum* (Willd.) Link. For many years was misidentified as *N. cordifolia*.

Origin: Native, Indigenous.

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

References: Adersen, H. et al. (s.a.), Adersen, H. et al. (1989), Andersson, N.J. et al. (1855), Hooker, J.D. et al. (1847), Jäger, H. et al. (2007), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Robinson, B.L. et al. (1902), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

86. *Nephrolepis pendula* (Raddi) J. Sm.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Nephrolepis cordifolia* var. *pendula* (Raddi) Sodiro

Origin: Introduced, Cultivated.

Galapagos Distribution: Santa Cruz.

References: Guézou, A. et al. (2010), Jørgensen, P.M. et al. (2010), Jørgensen, P.M. et al. (1999), Tropicos.org. et al. (2009).

87. *Nephrolepis undulata* (Afzel. ex Sw.) J. Sm.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Aspidium undulatum* Afzel. ex Sw.

Origin: Introduced, Questionable Native.

Galapagos Distribution: Isabela, Santa Cruz.

References: CONABIO et al. (2009), Davidse, G. et al. (1995), Jørgensen, P.M. et al. (2010), Jørgensen, P.M. et al. (1999), Mickel, J.T. et al. (1988), Tropicos.org. et al. (2009).

88. *Notholaena galapagensis* Weath. & Svenson

Taxon status: Accepted name; taxon occurs in Galapagos.

In Robinson (1902) and Stewart (1911) as *Nothochleana sulphurea* fide Wiggins & Porter (1911)

Origin: Native, Endemic.

IUCN Red List: Near Threatened.

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

References: Fosberg, F. R. et al. (1987), Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Porter, D.M. et al. (1983), Robinson, B.L. et al. (1902), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Valencia, R. et al. (2000), Wiggins, I.L. et al. (1971).

89. *Olfersia viscida* Presl.

Taxon status: Taxonomic status unresolved or unrevised.

First cited by Hooker (1847), referencing a Darwin specimen from Santiago (James) Island. Only other mention of this name is by Andersson (1855) who suggests it may be a typographical error. Underneath *O. viscida* Presl, Andersson writes: "O. viscosa Presl. l. c. p. 234?". The nomenclature of *O. viscosa* Presl. is unresolved as of 18-Jul-2011 fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Andersson, N.J. et al. (1855), Hooker, J.D. et al. (1847), Royal Botanic Gardens, Kew et al. (2010).

90. *Ophioglossum nudicaule* L. f.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Ophioglossum nudicaule* var. *tenerum* (Mett. ex Prantl) R.T. Clausen

Origin: Native, Indigenous.

Galapagos Distribution: Isabela, Santa Cruz.

References: Adersen, H. et al. (s.a.), Davidse, G. et al. (1995), Jørgensen, P.M. et al. (2010), Lawesson, J.E. et al. (s.a.), Mickel, J.T. et al. (2004), Tropicos.org. et al. (2009).

91. *Ophioglossum reticulatum* L.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

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

References: Eliasson, U. et al. (1968), Itow, S. et al. (1987), Itow, S. et al. (1997), Morton, C.V. et al. (1957), Royal Botanic Gardens, Kew et al. (2010), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (1987), Van der Werff, H.H. et al. (s.a.), Wiggins, I.L. et al. (1971), Øllgaard, B. et al. (2001).

92. *Pectuma camptophyllaria* (Fée) M.G. Price

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Polypodium camptophyllarium* Fée fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Adersen, H. et al. (s.a.), Royal Botanic Gardens, Kew et al. (2010), Van der Werff, H.H. et al. (s.a.).

93. *Pectuma dispersa* (A.M. Evans) M.G. Price

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Polypodium dispersum*, fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010). In Stewart (1911) and Svenson (1938) as *Polypodium pectinatum* fide Wiggins & Porter (1971).

Origin: Native, Indigenous.

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

References: Itow, S. et al. (1997), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

94. *Pellaea geraniaefolia* Link.
Taxon status: Taxonomic status unresolved or unrevised.
Unresolved nomenclature as of 28-Jun-2011 fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)
Origin: Native, Endemic.
Galapagos Distribution: Santa Cruz.
References: Robinson, B.L. et al. (1902), Royal Botanic Gardens, Kew et al. (2010).
95. *Pellaea sagittata* (Cav.) Link
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Pteris sagittata*
Origin: Native, Indigenous.
Galapagos Distribution: Isabela.
References: Adersen, H. et al. (1989), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Wiggins, I.L. et al. (1971).
96. *Phlebodium pseudoaureum* (Cav.) Lellinger
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Polypodium aureum* var. *areolatum* (Humb. & Bonpl. ex Willd.) Baker fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010). This species, as reported by Wiggins & Porter (1971), most likely also refers to *Polypodium aureum* L. sensu Svenson (1938).
Origin: Native, Indigenous.
Galapagos Distribution: Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Adersen, H. et al. (s.a.), Itow, S. et al. (1997), Jäger, H. et al. (2007), Royal Botanic Gardens, Kew et al. (2010), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (s.a.), Wiggins, I.L. et al. (1971).
97. *Phyllitis scolopendrum* (L.) Newman
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
Syn.: *Asplenium scolopendrium* var. *americanum* (Fernald) Kartesz & Gandhi; Tropicos (2009) as *Scolopendrium vulgare* Sm.
Origin: Introduced, Cultivated.
Galapagos Distribution: Santa Cruz.
References: Flores, E. et al. (1985), Royal Botanic Gardens, Kew et al. (2010), Tropicos.org. et al. (2009).
98. *Pityrogramma calomelanos* var. *aureoflava* (Hook.) Bailey
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Acrostichum calomelanos*
Origin: Native, Indigenous.
Galapagos Distribution: Fernandina, Isabela, Marchena, Pinta, Santiago.
References: Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (s.a.), Wiggins, I.L. et al. (1971).
99. *Pityrogramma calomelanos* var. *calomelanos* (L.) Link
Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Acrostichum calomelanos*

Origin: Native, Indigenous.

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

References: Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Tropic.org. et al. (2009), Van der Werff, H.H. et al. (1987), Wiggins, I.L. et al. (1971).

100. *Pityrogramma tartarea var. aurata* (Moore) Tryon

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Gymnogramma tartarea var. aurata* T. Moore

Origin: Native, Indigenous.

Galapagos Distribution: Marchena, Pinta.

References: Adersen, H. et al. (s.a.), Tropic.org. et al. (2009).

101. *Pityrogramma tartarea var. tartarea* (Cav.) Maxon

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Acrostichum tartareum* Cav.

Origin: Native, Indigenous.

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

References: Adersen, H. et al. (s.a.), Tropic.org. et al. (2009), Wiggins, I.L. et al. (1971).

102. *Platyserium sp. 1*

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

Origin: Introduced, Cultivated.

Galapagos Distribution: San Cristóbal, Santa Cruz.

References: Guézou, A. et al. (2010).

103. *Pleopeltis astrolepis* (Liebm.) E. Fourn.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Polypodium astrolepis*

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Lawesson, J.E. et al. (1987), Tropic.org. et al. (2009), Van der Werff, H.H. et al. (1977).

104. *Pleopeltis aurea* (L.) C. Presl

Taxon status: Taxonomic status unresolved or unrevised.

Based on a Darwin specimen. Acc. name: *Phlebodium aureum* (L.) J. Sm. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010). However, neither *Phlebodium aureum* nor *Pleopeltis aurea* are cited by any subsequent Galapagos checklist.

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

References: Andersson, N.J. et al. (1855), Hooker, J.D. et al. (1847), Royal Botanic Gardens, Kew et al. (2010).

105. *Pleopeltis lepidota* Willd.

Taxon status: Taxonomic status unresolved or unrevised.

Cited by Hooker (1847) without publication data. There is no record for *Pleopeltis lepidota* Willd in Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010), only *Pleopeltis lepidotra* (Fée) C. Presl, which is an accepted name. Possible misidentification by Hooker, as he writes "probably not distinct from the following species:" *P. macrocarpa* and *P. aurea*.

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

References: Andersson, N.J. et al. (1855), Hooker, J.D. et al. (1847).

106. *Pleopeltis macrocarpa* (Bory ex Willd.) Kaulf.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Polypodium lanceolatum* L. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)

Origin: Native, Indigenous.

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

References: Andersson, N.J. et al. (1855), Hooker, J.D. et al. (1847), Itow, S. et al. (1997), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (s.a.), Wiggins, I.L. et al. (1971).

107. *Pleopeltis polypodioides* (L.) E.G. Andrews & Windham

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Marginaria incana* Presl., *Polypodium polypodioides* (L.) Watt, *P. polypodioides* var. *burchellii* (Baker) Weath. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010). This species, as reported by Wiggins & Porter (1971), most likely also refers to *Polypodium incanum* Sw. sensu Svenson (1938).

Origin: Native, Indigenous.

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

References: Andersson, N.J. et al. (1855), Christophersen, E. et al. (1932), Lawesson, J.E. et al. (1987), Robinson, B.L. et al. (1895), Royal Botanic Gardens, Kew et al. (2010), Svenson, H.K. et al. (1938), Wiggins, I.L. et al. (1971).

108. *Polypodium insularum* (C.V. Morton) de la Sota

Taxon status: Accepted name; taxon occurs in Galapagos.

In Robinson (1902) and Svenson (1938) as *Polypodium lepidopteris*, fide Wiggins & Porter (1971).

Origin: Native, Endemic.

IUCN Red List: Near Threatened.

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

References: Adersen, H. et al. (s.a.), Adersen, H. et al. (1987), Cayot, L. J. et al. (1987), Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Royal Botanic Gardens, Kew et al. (2010), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Valencia, R. et al. (2000), Van der Werff, H.H. et al. (1987), Wiggins, I.L. et al. (1971).

109. *Polypodium steirolepis* C. Chr.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Polypodium nigripes* Hook. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010). In Stewart (1911) as *Polypodium thyssanolepis*, fide Wiggins & Porter (1971).

Origin: Native, Indigenous.

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

References: Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938), Tropic.org. et al. (2009), Van der Werff, H.H. et al. (1987), Van der Werff, H.H. et al. (s.a.), Wiggins, I.L. et al. (1971).

110. *Polypodium tridens* Kunze

Taxon status: Accepted name; taxon occurs in Galapagos.

In Hooker (1847) and Andersson (1855) pro parte as *Marginaria incana*, Robinson (1902) and Stewart (1911) as *Polypodium squamatum*, fide Wiggins & Porter (1971)

Origin: Native, Endemic.

IUCN Red List: Least Concern.

Galapagos Distribution: Española, Fernandina, Floreana, Isabela, Marchena, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago.

References: Adersen, H. et al. (1987), Andersson, N.J. et al. (1855), Atkinson, I. A. E. et al. (1987), Cayot, L. J. et al. (1987), Christophersen, E. et al. (1932), Fosberg, F. R. et al. (1987), Hooker, J.D. et al. (1847), Itow, S. et al. (1987), Itow, S. et al. (1997), Jäger, H. et al. (2007), Jaramillo, P. et al. (1998), Robinson, B.L. et al. (1902), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938), Tropic.org. et al. (2009), Van der Werff, H.H. et al. (1987), Van der Werff, H.H. et al. (s.a.), Wiggins, I.L. et al. (1971).

111. *Polystichum aff. pycnolepis* Moore

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

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Svenson, H.K. et al. (1938).

112. *Polystichum muricatum* (L.) Fée

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Polypodium muricatum*

Origin: Native, Indigenous.

Galapagos Distribution: Fernandina, Isabela, San Cristóbal.

References: Adersen, H. et al. (1989), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Moran, R. et al. (2016), Tropic.org. et al. (2009), Wiggins, I.L. et al. (1971).

113. *Polystichum orbiculatum* (Desv.) J. Rémy & Fée.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Polystichum gelidum* (Kunze ex Klotzsch) Fée fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010). In Stewart (1911) as *Polystichum aculeatum* fide Wiggins & Porter (1971)

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Itow, S. et al. (1997), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Wiggins, I.L. et al. (1971).

114. *Polytaenium lineatum* (Sw.) J. Sm.
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Antrophyum lineatum* (Sw.) Kaulf. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).
115. *Psilotum nudum* (L.) P. Beauv.
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Lycopodium nudum* L., *Psilotum triquetrum* Sw.
Origin: Native, Indigenous.
Galapagos Distribution: Fernandina, Floreana, Isabela, Marchena, Pinta, Santa Cruz, Santiago.
References: Castro, S. A. et al. (2010), Hamann, O. et al. (1974), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Riley, L.A.M. et al. (1925), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).
116. *Pteridium aquilinum* (L.) Kuhn
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Pteridium aquilinum* var. *lanuginosum* Henriq.
Origin: Native, Indigenous.
Galapagos Distribution: Isabela.
References: Royal Botanic Gardens, Kew et al. (2010), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (1987).
117. *Pteridium arachnoideum* (Kaulf.) Maxon
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Pteridium aquilinum* var. *arachnoideum* (Kaulf.) Herter fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010). In Robinson (1902) as *Pteris aquilina* var. *esculenta* fide Wiggins & Porter (1971).
Origin: Native, Indigenous.
Galapagos Distribution: Isabela, Pinta, Santa Cruz, Santiago.
References: Itow, S. et al. (1997), Jäger, H. et al. (2007), Lundh, J.P. et al. (1995), Robinson, B.L. et al. (1895), Royal Botanic Gardens, Kew et al. (2010), Schofield, E.K. et al. (1984), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (s.a.), Wiggins, I.L. et al. (1971).
118. *Pteris ensiformis* Burm. f.
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Phorolobus chinensis* Desv.
Origin: Introduced, Cultivated.
Galapagos Distribution: San Cristóbal.
References: Chen, J. et al. (2007), Guézou, A. et al. (2010), Tropicos.org. et al. (2009).
119. *Pteris quadriaurita* Retz.
Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Pteris edentula*. In Stewart (1911) as *Histiopteris incisa*, fide Wiggins & Porter (1971)

Origin: Native, Indigenous.

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

References: Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (1987), Wiggins, I.L. et al. (1971).

120. *Rumohra adiantiformis* (G. Forst.) Ching

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Aspidium coriaceum* (Sw.) Sw., *Polypodium adiantiforme* G. Forst., *Polystichum adiantiforme* (G. Forst.) J. Sm. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)

Origin: Native, Indigenous.

Galapagos Distribution: Isabela, Pinta, Santa Cruz.

References: Andersson, N.J. et al. (1855), Hooker, J.D. et al. (1847), Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Moran, R. et al. (2016), Porter, D.M. et al. (1983), Royal Botanic Gardens, Kew et al. (2010), Van der Werff, H.H. et al. (s.a.), Wiggins, I.L. et al. (1971).

121. *Salvinia* sp.

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

According to Wiggins & Porter (1971, p. 176): "Theodor Wolf reported (1879) seeing *Salvinia* in a brook near the hacienda on Isla Santa María but no material was collected. Although diligently sought, it has not been found since. Some of Wolf's sight identifications are not to be trusted (e.g. *Cystopteris fragilis*), but *Salvinia* is such a distinctive plant that it could hardly be confused with anything else, though the flowering plant *Lemna* somewhat simulates it. If Wolf actually saw *Salvinia*, the species probably was *S. auriculata* Aublet, which is the commonest species in South America".

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Robinson, B.L. et al. (1902), Stewart, A. et al. (1911), Wiggins, I.L. et al. (1971).

122. *Selaginella oaxacana* Spring

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Lycopodium flabellatum* var. *strictum* M. Martens & Galeotti

Origin: Introduced, Cultivated.

Galapagos Distribution: San Cristóbal.

References: Guézou, A. et al. (2010), Jaramillo, P. et al. (2003), Tropicos.org. et al. (2009).

123. *Tectaria aequatoriensis* (Hieron.) C. Chr.

Taxon status: Accepted name; taxon occurs in Galapagos.

In Robinson (1902) as *Nephrodium macrophyllum*, Stewart (1911) as *Aspidium martinicense*, and Svenson (1938) as *Tectaria martinicensis*.

Origin: Native, Indigenous.

IUCN Red List: Vulnerable.

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

References: Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Moran, R. et al. (2016), Robinson, B.L. et al. (1902), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938), Tropicos.org. et al.

(2009), Van der Werff, H.H. et al. (1987), Wiggins, I.L. et al. (1971).

124. *Thelypteris balbisii* (Spreng.) Ching

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: Polypodium balbisii

Origin: Native, Indigenous.

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

References: Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Nowak, J.B. et al. (1987), Smith, A.R. et al. (1983), Tropic.org. et al. (2009), Van der Werff, H.H. et al. (1987), Van der Werff, H.H. et al. (1977), Wiggins, I.L. et al. (1971).

125. *Thelypteris cheilanthoides* (Kunze) Proctor

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: Aspidium cheilanthoides Kunze

Origin: Native, Indigenous.

Galapagos Distribution: Isabela, Santa Cruz.

References: Adersen, H. et al. (1989), CONABIO et al. (2009), Davidse, G. et al. (1995), Jørgensen, P.M. et al. (2010), Jørgensen, P.M. et al. (1999), Mickel, J.T. et al. (1988), Mickel, J.T. et al. (2004), Smith, A.R. et al. (1983), Stolze, R.G. et al. (1981), Tropic.org. et al. (2009), Zuloaga, F.O. et al. (2008).

126. *Thelypteris conspersa* (Schrad.) A.R. Sm.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: Nephrodium conspersum

Origin: Native, Indigenous.

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

References: Adersen, H. et al. (s.a.), Jørgensen, P.M. et al. (1999), Nowak, J.B. et al. (1987), Smith, A.R. et al. (1983), Tropic.org. et al. (2009), Van der Werff, H.H. et al. (1977).

127. *Thelypteris gardneriana* (Baker) C.F. Reed.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: Nephrodium gardnerianum

Origin: Native, Indigenous.

Galapagos Distribution: San Cristóbal.

References: Adersen, H. et al. (1989), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Smith, A.R. et al. (1983), Tropic.org. et al. (2009), Van der Werff, H.H. et al. (1977).

128. *Thelypteris glandulosolanosa* (C. Chr.) R.M. Tryon

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: Dryopteris glandulosolanosa

Origin: Native, Indigenous.

Galapagos Distribution: Isabela, Santa Cruz.

References: Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Smith, A.R. et al. (1983), Tropic.org. et al. (2009), Van der Werff, H.H. et al. (1977).

129. *Thelypteris grandis* var. *pallescens* (C. Chr.) A.R. Sm.
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Dryopteris oligophylla* var. *lutescens* C. Chr.
Origin: Native, Indigenous.
Galapagos Distribution: Fernandina, Isabela, Santa Cruz.
References: Nowak, J.B. et al. (1987), Smith, A.R. et al. (1983), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (1977).
130. *Thelypteris hispidula* (Decne.) C.F. Reed
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Thelypteris quadrangularis* (Fée) Schelpe fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)
Origin: Native, Indigenous.
Galapagos Distribution: Floreana, Isabela, San Cristóbal, Santa Cruz, Santiago.
References: Adsersen, H. et al. (s.a.), Lawesson, J.E. et al. (1987), Royal Botanic Gardens, Kew et al. (2010), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).
131. *Thelypteris interrupta* (Willd.) K. Iwats.
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Dryopteris gongylodes* (Schkuhr) Kuntze, *Nephrodium unitum* R. Br., *Thelypteris totta* (Thunb.) Schelpe, *Thelypteris gongylodes* (Schkuhr) Kuntze ex Small fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Adsersen, H. et al. (s.a.), Adsersen, H. et al. (s.a.), Morton, C.V. et al. (1957), Robinson, B.L. et al. (1902), Royal Botanic Gardens, Kew et al. (2010), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).
132. *Thelypteris invisiva* var. *aequatorialis* (C. Chr.) Morton
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Dryopteris oligophylla* var. *aequatorialis* C. Chr.
Origin: Introduced, Cultivated.
Galapagos Distribution: Unknown.
References: Itow, S. et al. (1997), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).
133. *Thelypteris linkiana* (C. Presl) R.M. Tryon
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Isabela, Santa Cruz.
References: Adsersen, H. et al. (1989), Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Nowak, J.B. et al. (1987), Royal Botanic Gardens, Kew et al. (2010), Smith, A.R. et al. (1983), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (1987), Wiggins, I.L. et al. (1971).
134. *Thelypteris pachyrhachis* (Kunze ex Mett.) Ching
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Aspidium pachyrhachis*

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz, Santiago.

References: Adersen, H. et al. (1989), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Smith, A.R. et al. (1983), Tropic.org. et al. (2009), Van der Werff, H.H. et al. (1977).

135. *Thelypteris patens* var. *smithiana* Ponce

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: Polypodium patens

Origin: Native, Indigenous.

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

References: Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Smith, A.R. et al. (1983), Tropic.org. et al. (2009), Van der Werff, H.H. et al. (s.a.), Wiggins, I.L. et al. (1971).

136. *Thelypteris pavoniana* (Klotzsch) R.M. Tryon

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: Polypodium pavonianum

Origin: Native, Indigenous.

Galapagos Distribution: Floreana, Isabela, Santa Cruz.

References: Adersen, H. et al. (1989), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Smith, A.R. et al. (1983), Tropic.org. et al. (2009), Van der Werff, H.H. et al. (s.a.), Wiggins, I.L. et al. (1971).

137. *Thelypteris pilosula* (Klotzsch & Karst. ex Mett.) Tryon

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: Aspidium pilosulum Klotzsch & H. Karst. ex Mett. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010). In Robinson (1902) as Polypodium rude, Stewart (1911) as Dryopteris parasitica pro parte and Dryopteris rudis, Svenson (1938) as Dryopteris rudis.

Origin: Native, Indigenous.

Galapagos Distribution: Isabela.

References: Itow, S. et al. (1987), Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Robinson, B.L. et al. (1902), Smith, A.R. et al. (1983), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938), Tropic.org. et al. (2009), Van der Werff, H.H. et al. (1987), Van der Werff, H.H. et al. (1977), Wiggins, I.L. et al. (1971).

138. *Thelypteris poiteana* (Bory) Proctor

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: Dryopteris poiteana (Bory) Urb., fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010). In Stewart (1911) as Dryopteris reticulata, fide Wiggins & Porter (1971)

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Itow, S. et al. (1997), Jaramillo, P. et al. (1998), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Morton, C.V. et al. (1957), Royal Botanic Gardens, Kew et al. (2010), Smith, A.R. et al. (1983), Stewart, A. et al. (1911), Tropic.org. et al. (2009), Van der Werff, H.H. et al. (1987), Wiggins, I.L. et al. (1971).

139. *Thelypteris tetragona* (Sw.) Small

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Dryopteris subtetragona* (Link) Maxon; *Dryopteris tetragonia* (Sw.) Urban

Origin: Native, Endemic.

Galapagos Distribution: Unknown.

References: Cayot, L. J. et al. (1987), Jørgensen, P.M. et al. (1999), Royal Botanic Gardens, Kew et al. (2010), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (1987), Wiggins, I.L. et al. (1971).

140. *Thelypteris tetragona ssp. aberrans* Morton

Taxon status: Accepted name; taxon occurs in Galapagos.

In Stewart (1911) as *Dryopteris pseudotetragona*, Svenson (1938) as *Dryopteris tetragona*, fide Wiggins & Porter (1971)

Origin: Native, Endemic.

IUCN Red List: Least Concern.

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

References: Itow, S. et al. (1997), Jaramillo, P. et al. (1998), Morton, C.V. et al. (1957), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938), Van der Werff, H.H. et al. (1977), Wiggins, I.L. et al. (1971).

141. *Thelypteris thomsonii* (Jenman) Proctor

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Polypodium thomsonii* Jenman

Origin: Native, Indigenous.

Galapagos Distribution: Isabela.

References: Adersen, H. et al. (1989), Grant, P.R. et al. (1985), Smith, A.R. et al. (1983), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (1977), Wiggins, I.L. et al. (1971).

142. *Thelypteris x rolandii* (C. Chr.) R.M. Tryon

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Dryopteris rolandii* C. Chr.

Origin: Native, Indigenous.

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

References: Smith, A.R. et al. (1983), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

143. *Trachypteris pinnata* (Hook. f.) C. Chr.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Acrostichum aureonitens* Hook., *Hemionitis pinnata* Hook. f. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)

Origin: Native, Indigenous.

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

References: Andersson, N.J. et al. (1855), Cayot, L. J. et al. (1987), Christophersen, E. et al. (1932), Fosberg, F. R. et al. (1987), Hooker, J.D. et al. (1847), Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (1987), Wiggins, I.L. et al. (1971).

144. *Trichomanes montanum* Hook.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn: *Trichomanes reptans* Sw. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010). In

Stewart (1911) as *Hymenophyllum polyanthos*, Svenson (1938) as *Trichomanes krausii* fide Wiggins & Porter (1971).

Origin: Native, Indigenous.

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

References: Adersen, H. et al. (s.a.), Itow, S. et al. (1997), Jørgensen, P.M. et al. (1999), Lawesson, J.E. et al. (1987), Porter, D.M. et al. (1983), Royal Botanic Gardens, Kew et al. (2010), Stewart, A. et al. (1911), Svenson, H.K. et al. (1938), Tropicos.org. et al. (2009), Van der Werff, H.H. et al. (s.a.), Wiggins, I.L. et al. (1971).

145. *Woodsia montevidensis* (Spreng.) Hieron.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Dicksonia montevidensis* Spreng.

Origin: Native, Indigenous.

Galapagos Distribution: Fernandina, Isabela.

References: Adersen, H. et al. (1977), Adersen, H. et al. (1989), Jørgensen, P.M. et al. (1999), Moran, R. et al. (2016), Tropicos.org. et al. (2009), Wiggins, I.L. et al. (1971).

Rejected taxa

1. *Acrostichum aureum* L.

Reported from the Galápagos Islands from a Wood collection, but not found since. Erroneously reported by Stewart (1911); misidentification of *Blechnum falciforme* Broadh., fide Wiggins & Porter (1971).

2. *Acrostichum muscosum* Sw.

Erroneously reported by Robinson (1902); misidentification of *Elaphoglossum firmum*, fide Wiggins & Porter (1971). Acc. name: *Elaphoglossum muscosum* (Sw.) T. Moore fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010).

3. *Adiantum aethiopicum* L.

Erroneously reported by Moore (1857) and Robinson (1902); misidentification of *Adiantum concinnum* Humb & Bonpl. ex Willd., fide Wiggins & Porter (1971)

4. *Adiantum alarconianum* Gaudich.

Reported from the Galápagos Islands by Moore without a collector's name (fide Wiggins and Porter). Previous inclusion on Galápagos species checklists probably due to Edmonston's confused data (fide Svenson, p. 304).

5. *Adiantum cuneatum* Langsd. & Fisch.

Erroneously reported by Hooker (1847) and Anersson (1847); misidentification of *Adiantum concinnum* Humb. & Bonpl. ex Willd., fide Wiggins & Porter (1971). Acc. name: *Adiantum raddianum* C. Presl.

6. *Adiantum diaphanum*

Erroneously reported by Stewart (1911); misidentification of *Adiantum henslovianum* Hook. f. pro parte, fide Wiggins & Porter (1971).

7. *Adiantum prionophyllum* HBK

Previous inclusion on Galápagos species checklists probably due to Edmonston's confused data (fide

Svenson, p. 304). Reported by Moore from the Galápagos Islands, collected by Wood. Not known otherwise from the Galápagos Islands, fide Wiggins & Porter (1971). Acc. name: *Adiantum tetraphyllum* Humb. & Bonpl. ex Willd fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010).

8. *Anogramma leptophylla* (L.) Link

Erroneously reported by Svenson (1938); misidentification of *A. chaerophylla* (Desv.) Link, fide Wiggins & Porter (1971)

9. *Aspidium martinicense*

Erroneously reported by Stewart (1911); misidentification of *Tectaria aequatoriensis* (Hieron.) C. Chr., fide Wiggins & Porter (1971).

10. *Aspidium semicordatum* (Sw.) Sw.

Reported from the Galápagos Islands on the basis of a Wood collection, probably in error with respect to locality, fide Wiggins & Porter (1971). Acc. name: *Cyclopeltis semicordata* (Sw.) J. Sm. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)

11. *Asplenium furcatum* Thunb.

Erroneously reported by Robinson (1902); misidentification of *Asplenium praemorsum* Sw., fide Wiggins & Porter (1971)

12. *Asplenium laetum* Sw.

Reported from the Galápagos Islands on the basis of a Wood collection, but not collected recently, fide Wiggins & Porter (1971). Previous inclusion on Galápagos species checklists probably due to Edmonston's confused data, fide Svenson (1938, p. 304).

13. *Asplenium lunulatum* Lam.

Erroneously reported by Robinson (1902); misidentification of *Asplenium auritum* var. *auriculatum* (Hook.f.) Morton & Lellinger, now *Asplenium auritum* Sw. fide Wiggins & Porter (1971)

14. *Asplenium macraei* Hook. & Grev.

Erroneously reported by Hooker (1847) and Andersson (1855); misidentification of *Asplenium cristatum* Lam, fide Wiggins & Porter (1971). Acc. name: *Asplenium erectum* var. *macraei* (Hook. & Grev.) Sodiro fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010).

15. *Asplenium myriophyllum* (Sw.) Presl.

Erroneously reported by Stewart (1911), Christophersen (1932), and Svenson (1938); misidentification of *Asplenium cristatum*, fide Wiggins & Porter (1971)

16. *Asplenium rutaceum*

Reported from the Galápagos Islands on the basis of a Wood collection, but not collected recently, fide Wiggins & Porter (1971). Previous inclusion on Galápagos species checklists probably due to Edmonston's confused data, fide Svenson (1938, p. 304).

17. *Asplenium serratum* L.

Reported from the Galápagos Islands on the basis of a Wood collection, but not collected recently. This differs from the other Galápagos species in having the blades quite simple and not at all pinnate or lobed. Fide Wiggins & Porter (1971)

18. *Azolla caroliniana* Willd.
Erroneously reported by Andersson (1855) and Robinson (1902); misidentification of *Azolla microphylla* Kaulf., fide Wiggins & Porter (1971). Acc. name: *Azolla filiculoides* Lam. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010).
19. *Azolla filiculoides* Lam.
Erroneously reported by Svenson (1938); misidentification of *Azolla microphylla* Kaulf., fide Wiggins & Porter (1971).
20. *Cyclopeltis semicordata* (Sw.) J. Sm.
Reported from the Galápagos Islands on the basis of a Wood collection, probably in error with respect to locality, fide Wiggins & Porter (1971). Syn: *Aspidium semicordatum* Sw. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010).
21. *Cystopteris fragilis* (Thunb.) J. Smith
Reported from Santa María by Theodor Wolf from a field identification. An extremely doubtful record in the absence of an extant specimen, fide Wiggins & Porter (1971)
22. *Dicranopteris linearis* (Burm.f.) Underw.
Erroneously reported by Stewart (1911) as *Gleichenia linearis* and by Svenson (1938) as *Dicranopteris linearis* (Burm.f.) Underwood.; misidentification of *Dicranopteris flexuosa*, fide Wiggins & Porter (1971)
23. *Dryopteris ampla* (Humb. & Bonpl. ex Willd.) Kuntze
Erroneously reported by Svenson (1938) and Christophersen (1932); misidentification of *Ctenitis sloanei*.
Acc. name: *Ctenitis ampla* (Humb. & Bonpl. ex Willd.) Ching fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010).
24. *Dryopteris dentata* (Forssk.)
Erroneously reported by Svenson (1938); misidentification of *Thelypteris patens* (Sw.) Small, fide Wiggins & Porter (1971). Acc. name: *Thelypteris dentata* (Forssk.) E.P. St. John. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010).
25. *Dryopteris furcata* Kuntze
Erroneously reported by Stewart (1911); misidentification of *Ctenitis sloanei* (Poepping) Morton pro parte, and *Dennstaedtia globulifera* (Poir) Hieron pro parte, fide Wiggins & Porter (1971).
26. *Dryopteris glandulosa* var. *brachyodus* (Kunze) C. Chr.
Known only from the collection by Capt. Wood, where no further locality is given. Previous inclusion on Galápagos species checklists probably due to Edmonston's confused data (fide Svenson, p. 304). Acc. name: *Thelypteris glandulosa* var. *brachyodus* (Kunze) A.R. Sm. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010).
27. *Dryopteris parallelogramma* (Kunze) Alston
Syn.: *Aspidium paleaceum* Lag. ex Sw.
28. *Dryopteris parasitica* (L.) Kuntze
Erroneously reported by Stewart (1911); misidentification of *Thelypteris patens* (Sw.) Small pro parte, *Thelypteris pilosula* (Klotzsch & Karst.) Tyron pro parte, fide Wiggins & Porter (1971). Acc. name: *Christella parasitica* (L.) Holttum fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)

29. *Dryopteris pseudotetragona* Urban
Erroneously reported by Stewart (1911); misidentification of *Thelypteris tetragona* ssp. *aberrans* Morton, fide Wiggins & Porter (1971).
30. *Dryopteris reticulata* (L.) Urban
Erroneously reported by Stewart (1911); misidentification of *Thelypteris poiteana* (Bory) Proctor, fide Wiggins & Porter (1971). Acc. name: *Thelypteris reticulata* (L.) Proctor fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010).
31. *Dryopteris rudis* (Kunze) C. Chr.
Erroneously reported by Stewart (1911) and Svenson (1938); misidentification of *Thelypteris pilosula* (Klotzsch & Karst) Tryon, fide Wiggins & Porter (1971). Acc. name: *Thelypteris rudis* (Kunze) Proctor fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010).
32. *Dryopteris tetragonia* (Sw.) Urban
Erroneously reported by Svenson (1938); misidentification of *Thelypteris tetragona* ssp. *aberrans* Morton, fide Wiggins & Porter (1971). Acc. name: *Thelypteris tetragona* (Sw.) Small fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010).
33. *Dryopteris tricholepis* C. Chr.
Erroneously reported by Stewart (1911); misidentification of *Ctenitis pleiosoros* (Hook f.) Morton, fide Wiggins & Porter (1971). Acc. name: *Ctenitis lanceolata* (Baker) A.R. Sm. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)
34. *Dryopteris villosa* (L.) Kuntze
Erroneously reported by Stewart (1911); misidentification of *Ctenitis pleiosoros* (Hook.f.) Morton, fide Wiggins & Porter (1971). Acc. name: *Megalastrum villosum* (L.) Holttum fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010).
35. *Elaphoglossum petiolatum* (Sw.) Urban
Erroneously reported by Stewart (1911); misidentification of *Elaphoglossum engelii* (Karst.) Christ.
Erroneously reported by Svenson (1938); misidentification of *Elaphoglossum engelii* (Karst.) Christ. pro parte and *E. glossophyllum* Hieron. pro parte, fide Wiggins & Porter (1971).
36. *Gleichenia dichotoma* (Thunb.) Hook.
Erroneously reported by Robinson (1902); misidentification of *Dicranopteris flexuosa* (Schrad.) Underw., fide Wiggins & Porter (1971)
37. *Gleichenia linearis* (Burm.) Clarke
Erroneously reported by Stewart (1911); misidentification of *Dicranopteris flexuosa* (Schrad.) Underw., fide Wiggins & Porter (1971). Acc. name: *Dicranopteris linearis* (Burm. f.) Underw. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010).
38. *Gymnogramma leptophylla* (L.) Desv.
Erroneously reported by Robinson (1902); misidentification of *Anogramma chaerophylla* (Desv.) Link, fide Wiggins & Porter (1971)
39. *Hemitelia multiflora* (Sm.) R. Br.
Erroneously reported by Stewart (1911); misidentification of *Cyathea weatherbyana* (Morton) Morton, fide Wiggins & Porter (1971).

40. *Histiopteris incisa* (Thunb.) J. Sm.
Syn.: *Pteris incisa* Thunb. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010).
Erroneously reported by Stewart (1911); misidentification of *Pteris quadriaurita* Retz, fide Wiggins & Porter (1971).
41. *Hypolepis repens* (L.) Presl.
Erroneously reported by Svenson (1938); misidentification of *Dennstaedtia cicutaria* (Sw) Moore pro parte, *Hypolepis hostilis* (Kunze) Presl. pro part, fide Wiggins & Porter (1971). This species was reported from the Galápagos Islands by Hooker (1858) on the basis of a Wood collection, which has not been seen. If in fact it came from the Galápagos, it probably represents *H. hostilis* rather than *H. repens*.
42. *Lycopodium complanatum* L.
Erroneously reported by Stewart (1911), Christophersen (1932), and Svenson (1938); misidentification of *Lycopodium thyoides* Humb. & Bonpl. ex Willd., fide Wiggins & Porter (1971).
43. *Nephrodium brachyodon* (Kunze) Hook.
Known only from the collection by Capt. Wood by its synonym *Dryopteris glandulosa* var. *brachyodus* (Kunze). No further locality is given. Previous inclusion on Galápagos species checklists probably due to Edmonston's confused data. Fide Svenson (1938, p. 304). Acc. name: *Thelypteris glandulosa* var. *brachyodus* (Kunze) A.R. Sm. fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010).
44. *Nephrodium macrophyllum* (Sw.) Baker
Erroneously reported by Robinson (1902); misidentification of *Tectaria aequatoriensis* (Hieron.) C. Chr. fide Wiggins & Porter (1971)
45. *Nephrodium molle* Schott
Erroneously reported by Hooker (1847), Andersson (1855); misidentification of *Thelypteris patens* (Sw.) Small, fide Wiggins & Porter (1971)
46. *Nephrodium villosum* (L.) Presl.
Erroneously reported by Robinson (1902); misidentification of *Ctenitis pleiosoros* (Hook.f.) Morton, now *Megalastrum pleiosoros*, fide Wiggins & Porter (1971).
47. *Notholaena sulphurea* (Cav.) J. Sm.
Erroneously reported by Robinson (1902) and Stewart (1911) as *Notholaena sulphurea*; misidentification of *Notholaena galapagensis* Weatherby & Svens., fide Wiggins & Porter (1971).
48. *Polypodium astrolepis* Liebm.
Syn.: *Pleopeltis astrolepis* (Liebm.) Fourn.
49. *Polypodium crassifolium* L.
Erroneously reported by Stewart (1911) and Svenson (1938); misidentification of *Campyloneurum phyllitidis* (L.) C. Presl. fide Wiggins & Porter (1971). Acc. name: *Niphidium crassifolium* (L.) Lellinger fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010).
50. *Polypodium lepidopteris* (Langsd. & Fisch.) Kunze
Erroneously reported by Robinson (1902) and Svenson (1938); misidentification of *Polypodium insularum* (Morton) de la Sota, fide Wiggins & Porter (1971).

51. *Polypodium loriceum* L.
Previous inclusion on Galápagos species checklists probably due to Edmonston's confused data fide Svenson (1938, p. 304).
52. *Polypodium paradiseae* Langsd. & Fisch.
Erroneously reported by Hooker (1847) and Andersson (1855); misidentification of *Polypodium dispersum* Evans, fide Wiggins & Porter (1971). In Andersson (1855) as *Polypodium paradisiae*. Acc. name: *Pecluma paradiseae* (Langsd. & Fisch.) M.G. Price fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)
53. *Polypodium pectinatum* L.
Erroneously reported by Stewart (1911) and Svenson (1938); misidentification of *Pecluma pectinata* L. (= *Polypodium dispersum*), fide Wiggins & Porter (1971).
54. *Polypodium percussum* Cav.
Previous inclusion on Galápagos species checklists probably due to Edmonston's confused data, fide Svenson (1938, p. 304). Acc. name: *Microgramma percussa* (Cav.) de la Sota fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010).
55. *Polypodium rude* Kunze
Erroneously reported by Robinson (1902); misidentification of *Thelypteris pilosula* (Klotzsch & Karst.) Tryon, fide Wiggins & Porter (1971)
56. *Polypodium squamatum* L.
Erroneously reported by Robinson (1902) and Stewart (1911) as *Polypodium squamatum* (= *Pleopeltis squamata*); misidentification of *Polypodium tridens* Kunze, fide Wiggins & Porter (1971)
57. *Polypodium thyssanolepis* A. Braun ex Klotzsch
Erroneously reported by Stewart (1911); misidentification of *Polypodium steirolepis* C. Chr., fide Wiggins & Porter (1971). Acc. name: *Pleopeltis thyssanolepis* (A. Braun ex Klotzsch) E.G. Andrews & Windham fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)
58. *Polystichum apiifolium*
Erroneously reported by Stewart (1911); misidentification of *Dennstaedtia globulifera* (Poir.) Hieron., fide Wiggins & Porter (1971).
59. *Polystichum pycnolepis* (Kunze ex Klotzsch) T. Moore
Syn.: *Polystichum gelidum*. Erroneously reported by Svenson (1938); misidentification of *Polystichum gelidum* (Kunze) Fée, fide Wiggins & Porter (1971).
60. *Pteris aquilina* var. *esculenta* Hook.f.
Erroneously reported by Robinson (1902); misidentification of *Pteridium arachnoideum* (Kaulf.) Maxon (*Pteridium aquilinum* var. *arachnoideum* (Kaulf.) Herter), fide Wiggins & Porter (1971)
61. *Pteris lutea* Cav.
Likely misidentification. This taxon is not mentioned in any literature after Andersson (1855). Acc. name: *Cheilanthes aurantiaca* (Cav.) Moore.
62. *Pteris propinqua* Agardh
"This species was reported from the Galápagos Islands by Hooker f. on the basis of a Wood specimen that

was probably obtained on the mainland. It differs, among other characters, in having areolate venation," fide Wiggins & Porter (1971). Previous inclusion on Galápagos species checklists as *D. glandulosa* var. *brachyodus* probably due to Edmonston's confused data (fide Svenson, p. 304). Syn.: *Pteris propinqua* var. *comingiana* J. Agardh fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)

63. *Taenitis angustifolia* (Sw.) R. Br.

Previous inclusion on Galápagos species checklists probably due to Edmonston's confused data, fide Svenson (1938). Acc. name: *Ananthocorus angustifolius* Underw. & Maxon fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)

64. *Tectaria martinicensis* (Spreng.) Copel.

Erroneously reported by Stewart (1911) as *Nephrodium macrophyllum*, then Svenson (1938) as *Tectaria martinicensis*; misidentification of *Tectaria aequatoriensis* (Hieron.) C. Chr. fide Wiggins & Porter (1971)

65. *Thelypteris oligocarpa* (Humb. & Bonpl. ex Willd.) Ching

Syn.: *Dryopteris columbiana* C. Chr.; *Polypodium oligocarpum* Humb. & Bonpl. ex Willd.; *Thelypteris columbiana* (C. Chr.) C.V. Morton fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010). Erroneously reported by Svenson (1938) as *Dryopteris columbiana*; misidentification of *Thelypteris pilosula* (Klotzsh & Karst.) Tryon, fide Wiggins & Porter (1971).

66. *Trichomanes krausii* Hook. & Grev.

Erroneously reported by Svenson (1938); misidentification of *Trichomanes reptans* (= *Trichomanes montanum*), fide Wiggins & Porter (1971).

67. *Trichomanes pusillum* Sw.

Erroneously reported by Stewart (1911); misidentification of *Hymenophyllum lehmannii* Hieron, fide Wiggins & Porter (1971).

68. *Trichomanes krausii* Hook. & Grev.

Erroneously reported by Svenson (1938); misidentification of *Trichomanes reptans* Sw fide Wiggins & Porter (1971). *T. reptans* is currently considered a synonym of *T. montanum* fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010).

69. *Vittaria angustifolia* (Sw.) Baker

Excluded from the Galapagos flora by Wiggins & Porter (1971): "Reported from the Galápagos Islands on the basis of a Wood collection that probably came from the mainland." Acc. name: *Ananthocorus angustifolius* (Sw.) Underw. & Maxon fide Royal Botanic Gardens, Kew & Missouri Botanical Garden (2010)

Acknowledgements

We are grateful for the financial report received for this project. Please refer to the website (www.darwinfoundation.org/datazone/checklist/) for a detailed list of all our donors.

This checklist would not be possible without adjunct and collaborating scientists, and volunteers of the Charles Darwin Foundation. The following scientists and volunteers have contributed to the CDF Checklist of Galapagos Ferns and related groups: Henning Adersen, Ivan Aldáz, Elena Antolín, Chris Buddenhagen, Baltasar Cabezudo, Susana Chamorro, César Gómez-Campos, Jacinto Gordillo, Ana Mireya Guerrero, Ole Hamman, Syuzo Itow, Heinke Jäger, Jonas E. Lawesson, Simon Lægaard, Conley McMullen, Duncan M. Porter, Paola Pozo, Alan Stewart, Maria M. Trigo, Alan Tye, Jorge Vera, Daniel Weber, Ira L. Wiggins, Erika Zambrano.

References

1. Adersen, H. (1977) *New records of Pteridophytes from the Galapagos Islands*. Bot. Notiser 129(4): 429-436.
2. Adersen, H. (1987) *Patrones de distribución interna de las plantas vasculares en Galápagos*. Memorias. Investigación Botánica y Manejo en Galápagos. Pg.74-87
3. Adersen, H. (1987) *Plantas amenazadas en Galápagos*. Memorias. Taller sobre investigación Botánica y manejo en Galápagos. Pg. 12-16.
4. Adersen, H. (1989) *The Rare Plants of the Galapagos Islands, Ecuador and their Conservation*. Biol. Conservation 47(1): 49-77.
5. Adersen, H. (s.a.) *Field notes, 1974 and 1977 collections* Charles Darwin Research Station, unpublished Manuscript.
6. Adersen, H. (s.a.) *Personal observations* Charles Darwin Research Station, unpublished Manuscript.
7. Andersson, N.J. (1855) *Om Galápagos Öarnes Vegetation*. Kongliga Svenska Vetenskaps Akademien Handl., Stockholm: 61-256.
8. Appeltans, W., Bouchet, P., Boxshall, G.A., Fauchald, K., Gordon, D.P., Hoeksema, B.W., Poore, G.C.B., van Soest, R.W.M., Stöhr, S., Walter, T.C., Costello, M.J. (eds.) (2010) *World Register of Marine Species (WoRMS)*. Available online at <http://www.marinespecies.org>.
9. Atkinson, I. A. E. (1987) *Algunas consideraciones sobre la cartografía y clasificación de la vegetación en las Islas Galápagos*. Memorias. Taller de Investigación Botánica y Manejo en Galápagos. Pg. 114- 131.
10. Blair, C., Newton, A. (1985) *Epiphytic Colonies in the highlands of Santa Cruz* Annual Report 1986-1987. Charles Darwin Research Station. Pg. 34,35.
11. CONABIO (2009) *Catálogo taxonómico de especies de México*. Cap. nat. México 1.
12. Castro, S. A., Curtis, C.D., Silva, L., Torres-Santana, C.W., Reyes-Betancort, J.A., Atkinson, R., Jaramillo, P., Guézou, A. & Jaksic, F. M. (2010) *Floristic homogenization as a teleconnected trend in oceanic islands*. Diversity and Distributions, (Diversity Distrib.): 1-9.
13. Cayot, L. J. (1987) *Ecology of Giant Tortoise (Geochelone elephantopus) in the Galápagos Islands*. Submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy in Biology in the Graduate School of Syracuse University.
14. Chen, J., Craven, L.A. (2007) *Flora of China*. Flora of China 13: 321–328.
http://www.efloras.org/florataxon.aspx?flora_id=2&taxon_id=10599
15. Christophersen, E. (1932) *A Collection of Plants from the Galápagos Islands*. Nyt Mag. Naturvidenskaberne 70: 67-95.
16. Clavijo, P., Valdebenito, H. & Hurtado, F. (1991) *Plantas introducidas en las áreas urbanas de las islas Galapagos*. Typescript reports in files of Botany Dept.
17. Davidse, G., Sousa, M. S. & Knapp, S. (1995) *Psilotaceae a Salviniaceae*. Fl. Mesoamer. 1: i–xxi, 1–470.

18. D'Arcy, W.G. ()
19. Eliasson, U. (1968) *Studies in Galápagos Plants. VII. On Some New Or Otherwise Noteworthy Plants from the Archipelago*. Botaniska Notiser 121: 630-640.
20. Estupiñan, I. (1985) *Study of the Initial Behavior of Miconia robinsoniana and Scalesia pedunculata with goal of protection on San Cristobal Island Annual Report 1986-1987*. Charles Darwin Research Station. Pg 42-44
21. Flores, E. (1985) *Censo de Plantas Introducidas desde el Canal de Itabaca hasta Puerto Ayora*. Tesis de Ingeniero Forestal, Univ. Técnica Luis Vargas Torres, Esmeraldas: 1-132.
22. Fosberg, F. R. (1987) *Vegetación inalterada en Fernandina, 1964* Memorias. Investigación Botánica y Manejo en Galápagos. Pg. 66-74
23. Funk, V.T., Hollowell, T., Berry, P., Kelloff, C. & Alexander, S.N. (2007) *Checklist of the Plants of the Guiana Shield (Venezuela: Amazonas, Bolívar, Delta Amacuro; Guyana, Surinam, French Guiana)*. Contributions from the United States National Herbarium 55: 1-584.
24. Gerecke, R., Peck, S.B. & Pehofer, H.E. (1995) *The invertebrate fauna of the inland waters of the Galápagos Archipelago (Ecuador) - a limnological and zoogeographical summary*. Arch. Hydrobiol./ Suppl. 107(2): 113-147.
25. Gradstein, S.R. (1994) *Die Moose der Galapagos Inseln*. In: Zizka, G. & K. Klemmer (eds.): *Pflanzen- und Tierwelt der Galapagos Inseln*. Kleine Senckenbergreihe, Palmengarten, Frankfurt 20: 59-63.
26. Grant, P.R. (1985) *Responses of Darwin's finches to unusual rainfall*. In G. Robinson and E. M. del Pino (eds.). *El Nino en las islas Galapagos. El evento de 1982-83*: 417-447. Fundacion Charles Darwin, Quito, Ecuador.
27. Guézou, A., Trueman, M., Buddenhagen, E., Chamorro, S., Guerrero, A.M., Pozo, P., Atkinson, R. (2010) *An extensive Alien Plant Inventory from the Inhabited Areas of Galapagos* Plos One/ www.plosone.org. Volume 5/ Issue 4/e10276
28. Hamann, O. (1974) *Contributions to the Flora and the Vegetation of the Galapagos Islands. I. New Floristic Records from the Archipelago*. Bot. Notiser 127: 245-255.
29. Hokche, O., Berry, P.E. & Huber, O. (2008) *Nuev. Cat. Fl. Vas. Venezuela* 1-860.
30. 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.
31. Itow, S. (1987) *Comunidades Herbáceas y Ericáceas en las tierras altas de Santa Cruz Islas Galápagos*. Pg. 52 - 65. Memorias: Taller sobre investigación Botánica y manejo en Galápagos.
32. Itow, S. (1997) *List of Plant Specimens collected in the Galápagos Islands, Ecuador*. Bulletin of the Faculty of Liberal Arts, Nagasaki University, Natural Science, 38 (1): 53-144.
33. Jaramillo, P. (1998) *Distribución Espacial de la Vegetación Vascular y Dispersión de Especies Introducidas dentro del Parque Nacional Galápagos*. Tesis de Doctorado en Biología, Universidad Central del Ecuador. Especialización ECOLOGIA DE POBLACIONES.

34. Jaramillo, P. (2000) *Plantas amenazadas y medidas de conservación en varias islas del archipiélago*. Informe Galápagos, 70-76 (Eds P. Ospina and E. Muñoz.). Quito-Ecuador: Fundación Natura y el Fondo Mundial para la Naturaleza (WWF).
35. Jaramillo, P. (2003) *Estado actual del género Selaginella (Selaginellaceae) y dispersión de una especie invasora en la Estación Biológica Las Cruces*. Sistemática de Plantas Tropicales, Vol. 18, 23-33 (Eds R. Moran, F. Michelangeli and M. Bonifacino). Costa Rica: Organización de Estudios Tropicales (OET).
36. Jäger, H., Tye, A., Kowarik, I. (2007) *Tree invasion in naturally treeless environments: Impacts of quinine (Cinchona pubescens) trees on native vegetation in Galápagos* Institute of Ecology, Department of Ecosystem Sciences and Plant Ecology, Technical University Berlin, Rothenburgstr. 12, 12165 Berlin, Germany.
37. Jørgensen, P.M., Ulloa, C. (1994) *Seed plants of the high Andes of Ecuador—A checklist*. AAU Rep. 34: 1–443.
38. Jørgensen, P.M., León-Yáñez, S. (eds.) (1999) *Catalogue of the Vascular Plants of Ecuador*. Monographs in Systematic Botany from the Missouri Botanical Garden 75. Missouri Botanical Garden Press, St. Louis, 1181 pp.
39. Jørgensen, P.M., Nee, M. & Beck, S. G. (2010) *Catálogo de las plantas vasculares de Bolivia*. Monogr. Syst. Bot. Missouri Bot. Gard.
40. Lawesson, J.E., Adersen, H. & Bentley, P. (1987) *An updated and annotated check list of the vascular plants of the Galapagos islands*. Rept. Bot. Inst., Univ. Aarhus 16: 1-74.
41. Lawesson, J.E. (1987) *Especies de plantas amenazadas y lugares prioritarios para la conservación de las plantas en las Islas Galápagos*. Memorias. Taller de Investigación Botánica y Manejo en Galápagos
42. Lawesson, J.E., Ortiz, L. (1987) *Plantas Introducidas en las Islas Galápagos* Memorias. Investigación Botánica y Manejo en Galápagos. Pg.224-235
43. Lawesson, J.E., Adersen, H. (1987) *Notes on the endemic genus Darwiniothamnus Haling (Asteraceae, Astereae) from the Galapagos Islands*. Opera Botanica 92: 7-15.
44. Lawesson, J.E. (s.a.) *Pers. obs. field notes, collections 1985-7*.
45. Loope, L.L., Hamann, O. & Stone, C.P. (1987) *Comparative conservation biology of oceanic archipelagoes Hawaii and the Galápagos*. BioScience 38(4): 272-282.
46. Lundh, J.P. (1995) *Some additional information and comments on the Annotated Check list of Vascular Plants of the Galapagos Islands by Lawesson, Adersen and Bentley*. Charles Darwin Research Station, unpublished.
47. Mauchamp, A. (1995) *Informe de viaje de campo a Darwin y Wolf. Inventario sistematico de la flora y fauna de las islas*. Charles Darwin Research Station, unpublished.
48. Mickel, J.T., Beitel, J.M. (1988) *Pteridophyte Flora of Oaxaca, Mexico*. Mem. New York Bot. Gard. 46: 1–568.
49. Mickel, J.T., Smith, A.R. (2004) *The Pteridophytes of Mexico*. Mem. New York Bot. Gard. 88: 1–1054.

50. Moran, R. (2016) *Bolbitis occidentalis* (Dryopteridaceae), a new species from the western side of the Andes of Ecuador Brittonia, The New York Botanical Garden Press, Bronx. 1-7.
51. Morton, C.V. (1957) *Ferns of the Galápagos Islands*. Leaflet. West. Bot. 8(8): 188-195.
52. Mueller-Dombois, D., Loope, L. (1987) *Algunos Aspectos Ecológicos únicos en Ecosistemas de Islas Oceánicas*. Memorias Taller sobre investigación Botánica y manejo en Galápagos. Pg. 24-32.
53. Mynssen, C., Vasco, A., Moran, R., Sylvestre, L. & Rouhan, G. (2016) *Desmophlebiaceae and Desmophlebium: A new family and genus of Eupolypod II ferns* International Association for Plant Taxonomy. TAXON 65 (1) February 2016: 19–34
54. Mynssen, C., Vasco, A., Moran, R., Sylvestre, L., & Rouhan, G. (2016) *Desmophlebiaceae and Desmophlebium: A new family and genus of Eupolypod II ferns*. International Association for Plant Taxonomy 65 (1): 19-34
55. Nowak, J.B. (1985) *Regeneration of the Vegetation in the burned areas of Sierra Negra, Isabela Island* Annual Report 1986-1987. Charles Darwin Research Station. Pg 37-40
56. Nowak, J.B. (1987) *Final report on studies in burnt area, Sierra Negra, Isabela Island, Galapagos Islands Ecuador*. Charles Darwin Research Station, unpublished.
57. Nowak, J.B., Lawesson, J., Adsersen, H., de Vries, T. (1987) *Dos años de estudio de la dinámica de la vegetación posterior al incendio en el sur de Isabela, Islas Galápagos, Ecuador*. Memorias. Taller sobre Investigación Botánica y Manejo en Galápagos. Pg. 139-153.
58. Porter, D.M. (1980) *The vascular plants of Joseph Dalton Hooker's "An Enumeration of the plants of the Galápagos Archipelago; with descriptions of those which are new"*. Bot. J. Linnean Soc. 81: 79-134.
59. Porter, D.M. (1983) *Vascular Plants of the Galapagos: Origins and Dispersal*. In: Bowman, R.I., Berson, M. & Leviton, A.E. (eds.): *Patterns of evolution in Galápagos organisms*. Pacific Division, AAAS, San Francisco, California, p. 33-96.
60. Quintana, M.C. (2010) *Wild plants in the dry valleys around Quito-Ecuador*. Publicaciones del Herbario QCA, PUCE. Quito-Ecuador, 266 pp.
61. Restrepo, A., Bush, M., Correa-Metrio, A., Conroy, J., Gardener, M. R., Jaramillo, P., Steinitz-Kannan, M., Overpeck, J. & Colinvaux, P. (2011) *Impacts of climate variability and human colonization on the vegetation of the Galápagos Islands*. Ecology: 1-42.
62. Riley, L.A.M. (1925) *Critical Notes on Galápagos Plants (St. George Pacific Expedition, 1924)*. Kew Bull. Misc. Info. 1925(5): 216-231.
63. Robinson, B.L., Greenman, J.M. (1895) *On the flora of the Galápagos Islands as shown by the collections of Dr. Baur*. Amer. J. Sci. 50: 135-149.
64. Robinson, B.L. (1902) *Flora of the Galapagos Islands. Papers from the Hopkins-Stanford Expedition to the Galapagos Islands*. Proc. Amer. Acad. 38(4): 78-270.
65. Royal Botanic Gardens, Kew, Missouri Botanical Garden (eds.) (2010) *The Plant List, Version 1., online publication*. <http://www.theplantlist.org/>

66. Schofield, E.K. (1971) *Field Guide to Some Common Galápagos Plants*. Lindblad Travel, Inc., NY: 1-42.
67. Schofield, E.K. (1984) *Plants of the Galapagos Islands. Field Guide and Travel Journal*. Universe Books, New York, 159 pp.
68. Smith, A.G. (1964) *Land snails of the Galápagos*. In: Bowman, R.I. (ed.): *The Galápagos*. Proc. Symposia G.I.S.P., Univ. Calif. Press, Berkeley: 240-251.
69. Smith, A.R. (1981) *Pteridophytes*. Fl. Chiapas 2: 1–370.
70. Smith, A.R. (1983) *Polypodiaceae-Thelypteridoideae*. In: G. Harling & B. Sparre (eds.): *Flora of Ecuador* 18.
71. Stewart, A. (1911) *A botanical survey of the Galápagos Islands*. Proc. Calif. Acad. Sci. 4th Series, 1: 7-288.
72. Stolze, R.G. (1976) *Ferns and fern allies of Guatemala. Part I. Ophioglossaceae through Cyatheaceae*. Fieldiana, Bot. 39: i-v, 1–130.
73. Stolze, R.G. (1981) *Ferns and fern allies of Guatemala. Part II. Polypodiaceae*. Fieldiana, Bot., n.s. 6: 1–522.
74. Stolze, R.G. (1986) *Polypodiaceae—Asplenoideae*. In: Harling & L. Andersson (eds.). Fl. Ecuador 23: 1–83.
75. Svenson, H.K. (1935) *Plants of the Astor Expedition, 1930 (Galapagos and Cocos Islands)*. Am. J. Bot. 22: 208-277.
76. Svenson, H.K., Weatherby, C.A. (1938) *Pteridophyta of the Galápagos Islands*. Bull. Torrey Bot. Club 65: 303-333.
77. Tropicos.org. (2009) *Database of Missouri Botanical Garden*. Missouri Botanical Garden, <http://www.tropicos.org>.
78. Tryon, R.M. (1964) *The ferns of Peru, Polypodiaceae (Dennstaedtia to Oleandreae)*. Contr. Gray Herb. 194: 1–253.
79. Valencia, R., Pitman, N., León-Yáñez, S. & Jørgensen, P.M. (2000) *Libro Rojo de las Plantas Endémicas del Ecuador*. Herbario QCA, Pontificia Universidad Católica del Ecuador. Ecuador 2000 i–iv, 1–489.
80. Van der Werff, H.H. (1977) *Vascular plants from the Galápagos Islands: new records and taxonomic notes*. Bot. Notiser 130(1): 89-100.
81. Van der Werff, H.H. (1987) *Los Helechos como indicadores de tipos de vegetación en las Islas Galápagos*. Memorias. Investigación Botánica y Manejo en Galápagos. Pg.88-103
82. Van der Werff, H.H. (s.a.) *Pers. obs. and colls*. Personal observations and collections.
83. Weber, D. (1973) *Deux orchidacees nouvelles pour la flore des iles Galapagos*. Extrait du Bull. Soc. Neuchateloise Scien. Nat. 96: 17-32.
84. Wiggins, I.L., Porter, D.M. (1971) *Flora of the Galapagos Islands* Stanford University Press, Stanford.
85. Zuloaga, F.O. (1997) *Catálogo de las plantas vasculares de la Argentina*. Monogr. Syst. Bot. Missouri Bot. Gard. 74 (2 parts).

86. Zuloaga, F.O., Morrone, O., Belgrano, M.J., Marticorena, C. & Marchesi, E. (2008) *Catálogo de las Plantas Vasculares del Cono Sur (Argentina, Sur de Brasil, Chile, Paraguay y Uruguay)*. Monogr. Syst. Bot. Missouri Bot. Gard. 107(1): i–xcvi, 1–983; 107(2): i–xx, 985–2286; 107(3): i–xxi, 2287–3348.
87. Øllgaard, B. (1988) *Lycopodiaceae*. Fl. Ecuador 33: 1–156.
88. Øllgaard, B. (2001) *Ophioglossaceae*. Fl. Ecuador 66: 5–20.

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.

Please do not hesitate to contact us; your input is very welcome. However, please understand that additions, changes, and corrections will be posted at periodic intervals after thorough cross-referencing of all new data. As an independent international scientific organization, the Charles Darwin Foundation relies on funding from donors who support our work. Please contact us at datazone@fcdarwin.org.ec if you would like to support the Charles Darwin Foundation Galapagos Species Checklist and help make knowledge of Galapagos biodiversity more widely available.