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CDF Checklist of Galapagos Lichenized Fungi

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

This checklist includes all lichen fungi that are currently known to occur in the Galapagos Islands. This list also includes some fungi typically associated with lichens (lichenicolous fungi, i.e., fungi parasitic or parasymbiotic on lichens) or often treated by lichenologists even though they are not lichenized. Lichens do not represent a taxonomic group, but are a classic example of a symbiosis, i.e., two very different organisms living together to form a new entity.

The outside shape and structure that we notice as a lichen is built by a fungus. Inside, this macroscopic structure hosts microscopic cells of green algae (Chlorophyta) or blue-green photosynthetic bacteria (Cyanobacteria).

The fungi that participate in this symbiosis belong to two taxonomic divisions (or phyla): Basidiomycota Ascomycota.

For marine species distribution data cited in the CDF Galapagos Checklists refer to the five main bioregions of the archipelago (Far Northern, Northern, Western, South Eastern and the Elithabeth Bay Bioregion). For the terrestrial species the more than 120 islands, islets and small rocks have been aggregated into Islands Groups, thus, for example, the island group "Santa Cruz" includes smaller islands like Santa Fé, Plaza Norte, Plaza Sur, Baltra, Daphne Mayor, Daphne Minor, and others.

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

IUCN red-list assessments presented here may deviate from the global IUCN list for the following reasons:

- for well known species groups like vascular plants or vertebrates updates proposed to the IUCN are shown instead of the outdated, but currently accepted status;
- for poorly known species groups (e.g., lichenized fungi) a general assessment is currently not possible and the list presented here is a regional red-list list for Galapagos archipelago.

Names of taxa included in this checklist: 726 (522 Accepted , 5 Unidentified Taxon , 16 Doubtful , 53 Preliminary Identification , 15 Problematic , 9 New to Science), 106 rejected.

Origin of the taxa included: 1 Questionable Native, 35 Endemic, 502 Indigenous, 1 Questionable Endemic.

1. *Acantholichen pannarioides* P.M. Jørg.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Near Threatened.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz, Santiago.
References: Jørgensen, P.M. et al. (1998), Lawrey, J.D. et al. (2009), Lücking, R. et al. (2009).
2. *Acarospora cf. fuscata* (Nyl.) Arnold
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
Galapagos Distribution: Isabela.
3. *Acarospora chrysops* (Tuck.) H. Magn.
Taxon status: Accepted name; taxon occurs in Galapagos.
fide K. Knudsen (pers. comm.) this taxon was misidentified in Elix McCarthy (1998) as *A. citrina* and in Weber (1986) as *A. schleicheri*
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz, Santiago.
References: Weber, W.A. et al. (1986).
4. *Acarospora thelococcoides* (Nyl.) Zahlbr.
Taxon status: Identification not yet confirmed.
fide A. Aptroot, needs to be checked by K. Knudsen
Galapagos Distribution: Isabela.
5. *Actinoplaca strigulacea* Müll. Arg.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
6. *Actinoplaca vulgaris* (Müll. Arg.) V?zda Poelt
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Tricharia vulgaris*, fide Elix McCarthy (1998); specimen in COLO (L-40433): Santa Cruz, on leaves of *Coffea*, Horneman garden, p.p. (with *Aspidothelium fugiens*), det. Vezda
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Unknown.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
7. *Aderkomyces papilliferus* (Lücking) Lücking, Sérus. V?zda
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
8. *Agonimia opuntiella* (Buschardt Poelt) V?zda
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Near Threatened.
Galapagos Distribution: Isabela.
9. *Agonimia pacifica* (H. Harada) Diederich
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.

- IUCN Red List:** Data Deficient.
Galapagos Distribution: Pinzón, Santa Cruz.
10. *Agonimia tristicula* (Nyl.) Zahlbr.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Santa Cruz, Santiago.
11. *Angiactis spinicola* Aptroot Sparrius
Taxon status: Accepted name; taxon occurs in Galapagos.
 Holotype Aptroot 63413 (CDS 30168)
Origin: Native, Endemic.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Isabela, San Cristóbal, Santa Cruz.
References: Aptroot, A. et al. (2007).
12. *Anisomeridium albisedum* (Nyl.) R.C. Harris
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Pinzón, Santa Cruz.
13. *Anisomeridium biforme* (Borrer) R.C. Harris
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Unknown.
14. *Anisomeridium leptospermum* (Zahlbr.) R.C. Harris
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Unknown.
15. *Anisomeridium polypori* (Ellis Everh.) M.E. Barr
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Isabela, Santiago.
16. *Anisomeridium subprostans* (Nyl.) R.C. Harris
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Santiago.
17. *Anisomeridium tamarindi* (Fée) R.C. Harris
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz, Santiago.
18. *Anisomeridium tuckerae* R.C. Harris
Taxon status: Accepted name; taxon occurs in Galapagos.
 Original spelling as *A. tuckeri* is incorrect; species named after S. C. Tucker, correct spelling therefore: *A. tuckerae*; Syn.: *Ditremis tuckerae*, fide Elix McCarthy (1998).
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998).

19. *Arthonia antillarum* (Fée) Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santa Fé, Santiago.
20. *Arthonia cf. platygraphidea* Nyl.
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
Galapagos Distribution: Santiago.
21. *Arthonia cinnabarina* (DC.) Wallr.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Arthonia tumidula*, fide Elix McCarthy (1998), *Arthonia gregaria*, fide Weber (1986): 488
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1966), Weber, W.A. et al. (1986).
22. *Arthonia follmanniana* Diederich
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santiago.
References: Diederich, P. et al. (1995), Elix, J.A. et al. (1998).
23. *Arthonia platygraphidea* Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Fernandina.
24. *Arthonia sanguinea* (Willey) Zahlbr.
Taxon status: Identification not yet confirmed.
 F. Bungartz: material needs verification
Origin: Native, Indigenous.
Galapagos Distribution: Isabela.
25. *Arthonia speciosa* (Müll. Arg.) Grube
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Santa Cruz, Unknown.
References: Grube, M. et al. (2007).
26. *Arthopyrenia cerasi* (Schrad.) A. Massal.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Unknown.
27. *Arthopyrenia cinchonae* (Ach.) Müll. Arg.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Specimen in COLO: Santa Cruz, on Scalesia, Bella Vista, Weber L-40225, det. Aptroot, 1991
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1993).

28. *Arthothelium galapagoense* Huneck Follmann
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago, Wolf.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1981), Weber, W.A. et al. (1986).
29. *Aspidothelium cinerascens* Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
30. *Aspidothelium fugiens* (Müll. Arg.) R. Sant.
Taxon status: Accepted name; taxon occurs in Galapagos.
F. Bungartz: in Weber (1986) erroneously cited as *Aspidophyllum fugiens*; material Weber 285 (L-40433), det. Vezda not yet revised.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
31. *Asterothyrium rotuliforme* (Müll. Arg.) Sérus. J.R. De Sloover
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
32. *Astrothelium variolosum* (Ach.) Müll. Arg.
Taxon status: Taxonomic status unresolved or unrevised.
F. Bungartz R. Miranda: According to Harris (1995) *Trypethelium ochroleucum* and *Astrothelium variolosum* are identical in all characters but their stromata formation; *Trypethelium nitidiusculum* is identical to *Trypethelium ochroleucum* in all characters but the presence of lichexanthone. It is possible that all three taxa refer to one variable species only.
Galapagos Distribution: Pinta.
References: Harris, R.C. et al. (1995), Kirk, P. (ed.) et al. (2010).
33. *Aulaxina opegraphina* Fée
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
34. *Bacidia heterochroa* (Müll. Arg.) Zahlbr.
Taxon status: Identification not yet confirmed.
Galapagos Distribution: Isabela, Santa Cruz.
35. *Bacidia insularis* Zahlbr.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
IUCN Red List: Data Deficient.
Galapagos Distribution: Floreana, Isabela, Santa Cruz, Unknown.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1966), Weber, W.A. et al. (1986).
36. *Bacidia millegrana* (Taylor) Zahlbr.
Taxon status: Identification not yet confirmed.
Lich. Exs. COLO 121; A. Aptroot doubts this determination (pers. comm.)
Galapagos Distribution: Unknown.

References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1981).

37. *Bacidia polychroa* (Th. Fr.) Körb.
Taxon status: Identification not yet confirmed.
Galapagos Distribution: Isabela, Santa Cruz.
38. *Bacidia rubella* (Hoffm.) A. Massal.
Taxon status: Identification not yet confirmed.
specimen in COLO (L-41125); A. Aptroot doubts this determination (pers. comm.)
Galapagos Distribution: Unknown.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
39. *Bacidina apiahica* (Müll. Arg.) V?zda
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Bacidia apiahica*, fide A. Aptroot (pers. comm.), *Woessia apiahica*, fide Index Fungorum
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
40. *Bacidina chlorotricula* (Nyl.) V?zda Poelt
Taxon status: Identification not yet confirmed.
Syn.: *Bacidia chlorotricula*
Galapagos Distribution: Santa Cruz.
41. *Bacidina delicata* (Larbal. ex Leight.) V. Wirth V?zda
Taxon status: Identification not yet confirmed.
Galapagos Distribution: Isabela, Santa Cruz.
42. *Bacidina pallidocarnea* (Müll. Arg.) V?zda
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
43. *Bactrospora acicularis* (C.W. Dodge) Egea Torrente
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Isabela, San Cristóbal.
References: Aptroot, A. et al. (2008).
44. *Bactrospora denticulata* (Vain.) Egea Torrente
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Santa Cruz, Santa Fé, Santiago.
References: Aptroot, A. et al. (2008).
45. *Bactrospora myriadea* (Fée) Egea Torrente
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Española, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago.
References: Aptroot, A. et al. (2008).
46. *Bathelium degenerans* (Vain.) R.C. Harris
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago.

47. *Bathelium feei* (C.F.W. Meissn.) Aptroot
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Bathelium carolinianum*.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Unknown.
48. *Biatoropsis usnearum* Räsänen
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Santiago.
49. *Brigantiaea leucoxantha (sorediate form)* (Spreng.) R. Sant. Hafellner
Taxon status: Accepted name; taxon occurs in Galapagos.
 Galapagos material densely diffusely sorediate across the entire thallus, i.e. *B. leucoxantha* s.l.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
50. *Brigantiaea leucoxantha s.str.* (Spreng.) R. Sant. Hafellner
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Santa Cruz.
51. *Buellia coccinea s.l.* (Fée) Aptroot
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela.
52. *Buellia erubescens* Arnold
Taxon status: Identification not yet confirmed.
53. *Buellia galapagona* W.A. Weber
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
IUCN Red List: Near Threatened.
Galapagos Distribution: Española, Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santa Fé, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1971), Weber, W.A. et al. (1981), Weber, W.A. et al. (1986).
54. *Buellia halonia* (Ach.) Tuck.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Santa Cruz, Santiago.
55. *Buellia mamillana s.l.* (Tuck.) W.A. Weber
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Rinodina mamillana*, fide Elix McCarthy (1998)
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Darwin, Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago, Unknown, Wolf.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1966), Weber, W.A. et al. (1986).

56. *Buellia oidalea* (Nyl.) Tuck.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, San Cristóbal.
57. *Buellia rufofuscescens* Stizenb.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
58. *Buellia spuria* (Schaer.) Anzi
Taxon status: Identification not yet confirmed.
Galapagos Distribution: Española, Isabela, Santa Fé, Unknown.
59. *Buellia stellulata* (Taylor) Mudd
Taxon status: Identification not yet confirmed.
Galapagos Distribution: Española, Isabela, Santa Cruz, Santiago.
60. *Buellia straminea* Tuck.
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Buellia xanthinula* auct. non (Müll. Arg.) Malme, fide Elix McCarthy (1998); in Dodge (1936) as *Buellia xanthinula*
Origin: Native, Endemic.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Fernandina, Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago, Unknown.
References: Dodge, C.W. et al. (1936), Elix, J.A. et al. (1998), Farlow, W.G. et al. (1902), Stewart, A. et al. (1912), Weber, W.A. et al. (1966), Weber, W.A. et al. (1986).
61. *Buellia subdisciformis* agg. (Leight.) Vain.
Taxon status: Identification not yet confirmed.
Galapagos Distribution: Isabela.
62. *Buellia sulphurica* Bungartz Aptroot
Taxon status: Accepted name; taxon occurs in Galapagos.
Holotype Aptroot 64881 (CDS 31458)
Origin: Native, Endemic.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela.
References: Lumbsch, H.T. et al. (2010).
63. *Buellia trachyspora* Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, San Cristóbal, Santa Cruz, Santiago.
64. *Bulbothrix goebelii* (Zenker) Hale
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Near Threatened.
Galapagos Distribution: Santa Cruz.
65. *Bulbothrix laevigatula* (Nyl.) Hale
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Parmelia laevigatula*, fide Elix McCarthy (1998)
Origin: Native, Indigenous.
IUCN Red List: Near Threatened.
Galapagos Distribution: Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.

References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).

66. *Bulbothrix scortella* (Nyl.) Hale
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
67. *Byssoloma discordans* (Vain.) Zahlbr.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
68. *Byssoloma leucoblepharum* (Nyl.) Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
69. *Byssoloma subdiscordans* (Nyl.) P. James
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Byssoloma rotuliforme*, fide Elix McCarthy (1998)
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: San Cristóbal, Santa Cruz.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
70. *Byssoloma tricholomum* (Mont.) Zahlbr.
Taxon status: Accepted name; taxon occurs in Galapagos.
 searched for specimen in COLO, but not found: COLO (L-63764), coll.: Lanier, in packet with
Tapellaria epiphylla, det.: Vezda
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Unknown.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
71. *Calicium robustellum* Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Unknown.
72. *Calopadia bonitensis* Cáceres Lücking
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
73. *Calopadia cinereopruinosa* Bungartz Lücking
Taxon status: Accepted name; taxon occurs in Galapagos.
 Holotype: Bungartz 8489 (CDS 41135)
Origin: Native, Endemic.
IUCN Red List: Data Deficient.
Galapagos Distribution: San Cristóbal.
References: Lumbsch, H.T. et al. (2010).

74. *Calopadia editae* V?zda ex Chaves Lücking
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Calopadia pruinosa* Lücking Chavez nom. nud.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Pinta, Santa Cruz, Santiago.
References: Lumbsch, H.T. et al. (2010).
75. *Calopadia foliicola* (Fée) V?zda
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Lopadium foliicola*, fide Weber (1998)
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Elix, J.A. et al. (1998).
76. *Calopadia fusca* (Müll. Arg.) V?zda
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Lopadium fuscum*, fide Elix McCarthy (1998)
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Elix, J.A. et al. (1998).
77. *Calopadia perpallida* (Nyl.) V?zda
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
78. *Calopadia puiggarii* (Müll. Arg.) V?zda
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Lopadium puiggarii*, fide Elix McCarthy (1998)
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: San Cristóbal, Santa Cruz.
References: Elix, J.A. et al. (1998).
79. *Calopadia subcoerulescens s.str.* (Zahlbr.) V?zda
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Pinta, Santa Cruz, Santiago.
80. *Caloplaca arenaria* agg. (Pers.) Müll. Arg.
Taxon status: Identification not yet confirmed.
 F. Bungartz U. Søchting: specimens belong to at least one undescribed, possible several species
Galapagos Distribution: Pinta, San Cristóbal, Santa Cruz, Santiago.
81. *Caloplaca brouardii* (de Lesd.) Zahlbr.
Taxon status: Accepted name; taxon occurs in Galapagos.
 fide A. Aptroot: *Caloplaca brouardii*
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Pinzón, San Cristóbal, Santa Cruz, Santiago.
82. *Caloplaca camptidia* (Tuck.) Zahlbr.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Floreana, Isabela, Pinzón, Santa Cruz, Santiago.

References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).

83. *Caloplaca cf. floridana* (Tuck.) S.C. Tucker
Taxon status: Identification not yet confirmed.
 Syn.: *Placodium floridanum*; specimen in COLO (56167), coll.: Pike
Galapagos Distribution: Isabela, Pinta, San Cristóbal, Santa Cruz, Santa Fé, Santiago, Unknown.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
84. *Caloplaca cf. sonorae* Wetmore
Taxon status: Identification not yet confirmed.
 F. Bungartz U. Søchting: not the correct name; together with specimens preliminary identified as *C. arenaria* agg. this species belong to at least one undescribed, possible several species
Galapagos Distribution: Isabela, Pinzón, Santa Cruz, Santiago.
85. *Caloplaca chlorina* (Flot.) Sandst.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Pinzón, San Cristóbal, Santa Cruz.
86. *Caloplaca diplacia* (Ach.) Riddle
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago.
87. *Caloplaca epiphora* (Taylor) C.W. Dodge
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago.
88. *Caloplaca flavovirescens s.l.* (Wulfen) Dalla Torre Sarnth.
Taxon status: Identification not yet confirmed.
 F. Bungartz U. Søchting: the Galapagos specimens belong to an undescribed species in the *Caloplaca flavovirescens*-Group
Galapagos Distribution: Santa Cruz, Santiago.
89. *Caloplaca furfuracea* H. Magn.
Taxon status: Identification not yet confirmed.
 F. Bungartz: Superficially similar to *C. wrightii*, but with different chemistry.
Galapagos Distribution: Isabela.
90. *Caloplaca isidiosa* (Vain.) Zahlbr.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Darwin, Española, Floreana, Genovesa, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago, Unknown, Wolf.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
91. *Caloplaca phyllidizans* Wetmore
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Santiago.
92. *Caloplaca sideritis* (Tuck.) Zahlbr.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: Santa Cruz.

93. *Caloplaca squamosa* (B. de Lesd.) Zahlbr.

Taxon status: Identification not yet confirmed.

F. Bungartz U. Søchting: taxonomically problematic group of species including, commonly called *C. subsoluta* or *C. modesta*, the Galapagos specimens probably several new species

Galapagos Distribution: Isabela, San Cristóbal, Santiago.

94. *Caloplaca subsoluta* (Nyl.) Zahlbr.

Taxon status: Identification not yet confirmed.

Syn.: *Caloplaca modesta*, fide F. Bungartz annotations, 2008; F. Bungartz U. Søchting: taxonomically problematic group of species including, commonly called *C. subsoluta* or *C. modesta*, the Galapagos specimens probably several new species

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

95. *Caloplaca wrightii* (Willey) Fink

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

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

96. *Candelaria pacifica* Westberg ined.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Least Concern.

Galapagos Distribution: Isabela.

97. *Candelariella corallizoides* Westberg

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

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

98. *Canoparmelia caroliniana* (Nyl.) Elix Hale

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Parmelia caroliniana*, fide Elix (1989), *Pseudoparmelia caroliniana*

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

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

References: Elix, J.A. et al. (1998).

99. *Canoparmelia raunkiaeri* (Vain.) Elix Hale

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: Floreana, Unknown.

References: Kirk, P. (ed.) et al. (2010).

100. *Canoparmelia texana* (Tuck.) Elix Hale

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: Isabela, Santa Cruz, Santiago.

101. *Carbacanthographis saxiseda* (Zahlbr.) Bungartz

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Graphina saxiseda*, (*Graphis saxiseda* [Elix McCarthy 1998]); two specimens ID'd by Weber examined: L-40833 (Galapagos) belongs to *Carbacanthographis saxorum*; the other Weber L-64192 (Chile)

belongs to *C. saxiseda*.

Origin: Native, Indigenous.

IUCN Red List: Least Concern.

Galapagos Distribution: Santiago.

References: Bungartz, F. et al. (2009), Elix, J.A. et al. (1998), Weber, W.A. et al. (1993).

102. *Carbacanthographis saxorum* (Egea Torrente) Lücking Bungartz

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Graphis saxorum*

Origin: Native, Indigenous.

IUCN Red List: Least Concern.

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

References: Bungartz, F. et al. (2009).

103. *Celothelium dominicanum* (Vain.) M.B. Aguirre

Taxon status: Accepted name; taxon occurs in Galapagos.

F. Bungartz R. Miranda: previously misidentified as *C. aciculiferum*.

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: Unknown.

104. *Chaenotheca chloroxantha* s.l. Tibell

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: Isabela, San Cristóbal.

105. *Chaenothecopsis savonica* s.l. (Räsänen) Tibell

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: Unknown.

106. *Chiodecton malmei* G. Thor

Taxon status: Identification not yet confirmed.

F. Bungartz: very similar, but spores of different size

Galapagos Distribution: Santiago.

107. *Chrysothrix xanthina* (Vain.) Kalb

Taxon status: Accepted name; taxon occurs in Galapagos.

In Weber (1986) as *Chrysothrix candelaris*

Origin: Native, Indigenous.

IUCN Red List: Least Concern.

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

References: Kalb, K. et al. (2001).

108. *Cladia aggregata* (Sw.) Nyl.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Vulnerable.

Galapagos Distribution: Isabela, Santa Cruz.

References: Ahti, T. et al. (2000), Elix, J.A. et al. (1998), Weber, W.A. et al. (1981), Weber, W.A. et al. (1986).

109. *Cladonia arbuscula* ssp. *boliviana* Ahti

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Cladonia arbuscula* ssp. *boliviana*; specimens in H and LSU: Isabela, Volcán Alcedo, 1970, Prichard s.n.

Origin: Native, Indigenous.

IUCN Red List: Critically Endangered.

- Galapagos Distribution:** Isabela, Unknown.
References: Ahti, T. et al. (2000).
110. *Cladonia arcuata* Ahti
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Cladina arcuata*; in Weber (1986) as *Cladina sandstedei*
Origin: Native, Indigenous.
IUCN Red List: Vulnerable.
Galapagos Distribution: Isabela, Pinta, San Cristóbal, Santa Cruz.
References: Ahti, T. et al. (2000).
111. *Cladonia cartilaginea* Müll. Arg.
Taxon status: Accepted name; taxon occurs in Galapagos.
 fide T. Ahti annotations 2010 (new to Galapagos): CDS 33156
Origin: Native, Indigenous.
IUCN Red List: Near Threatened.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
112. *Cladonia ceratophylla* (Sw.) Spreng.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, San Cristóbal, Santa Cruz, Santiago.
References: Ahti, T. et al. (2000), Dodge, C.W. et al. (1935), Elix, J.A. et al. (1998), Stewart, A. et al. (1912), Weber, W.A. et al. (1981), Weber, W.A. et al. (1966), Weber, W.A. et al. (1986).
113. *Cladonia chlorophaea* (Flörke ex Sommerf.) Spreng.
Taxon status: Accepted name; taxon occurs in Galapagos.
 In Weber (1986) as *Cladonia balfourii*, fide A. Aptroot (pers. comm.)
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinzón, San Cristóbal, Santa Cruz, Santiago.
References: Weber, W.A. et al. (1981).
114. *Cladonia confusa* f. *bicolor* (Müll. Arg.) Ahti
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Cladonia polia*, fide A. Aptroot (pers. comm.), *Cladina confusa* f. *bicolor*
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz.
References: Ahti, T. et al. (2000).
115. *Cladonia confusa* f. *confusa* (R. Sant.) Follmann Ahti
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Cladonia galapagosensis* Ahti, fide Ahti (2000), *Cladina confusa* f. *confusa*
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Fernandina, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago,
 Unknown.
References: Ahti, T. et al. (2000).
116. *Cladonia corniculata* Ahti Kashiwadani
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Santa Cruz.
References: Ahti, T. et al. (2000), Elix, J.A. et al. (1998).
117. *Cladonia corymbites* Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.

- Origin:** Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Floreana, Santa Cruz.
References: Ahti, T. et al. (2000).
118. *Cladonia corymbosula* Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
 fide annotations T. Ahti, 2010 (new to Galapagos, new records from the Venezuelan Andes): CDS 31848
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Santa Cruz, Santiago.
119. *Cladonia dactylota* Tuck.
Taxon status: Accepted name; taxon occurs in Galapagos.
 In Weber (1986) as *Cladonia subcariosa*, fide A. Aptroot (pers. comm.)
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
120. *Cladonia didyma* (Fée) Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Ahti, T. et al. (2000), Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
121. *Cladonia granulosa* (Vain.) Ahti
Taxon status: Accepted name; taxon occurs in Galapagos.
 fide T. Ahti annotations 2010 (new to Galapagos): CDS 26911
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
122. *Cladonia grayi* G. Merr. ex Sandst.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Santa Cruz.
123. *Cladonia macilenta* var. *bacillaris* (Genth) Schaer.
Taxon status: Accepted name; taxon occurs in Galapagos.
 fide T. Ahti annotations 2010: CDS 27818; first reported by Weber (1986) as *C. macilenta* ssp. *theiophila*
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
124. *Cladonia nana* Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, Pinzón, Santa Cruz, Santiago.
References: Ahti, T. et al. (2000).
125. *Cladonia polyscypha* Ahti L. Xavier
Taxon status: Accepted name; taxon occurs in Galapagos.
 fide annotations T. Ahti, 2010 (new to Galapagos, range poorly known): CDS 31086
Origin: Not In Galapagos, Not In Galapagos.

- IUCN Red List:** Data Deficient.
Galapagos Distribution: Isabela, Santa Cruz.
126. *Cladonia pulverulenta* (L. Scriba) Ahti
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Floreana, Isabela, San Cristóbal, Santa Cruz, Santiago.
127. *Cladonia pyxidata* (L.) Hoffm.
Taxon status: Accepted name; taxon occurs in Galapagos.
 fide annotations T. Ahti, 2010 (new to Galapagos, recently found in continental Ecuador): CDS
 31422
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Santiago.
128. *Cladonia ramulosa* (With.) J.R. Laundon
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Cladonia adspersa*, fide Ahti (2000), *Cladonia pityrea*, fide Elix McCarthy (1998)
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998).
129. *Cladonia rappii* A. Evans
Taxon status: Taxonomic status unresolved or unrevised.
 F. Bungartz: material extremely poor, identification by A. Aptroot needs verification
Galapagos Distribution: Santiago.
130. *Cladonia scholanderi* Abbayes
Taxon status: Accepted name; taxon occurs in Galapagos.
 In Weber (1986) as *Cladonia sphacelata*, fide A. Aptroot (pers. comm.)
Origin: Native, Indigenous.
IUCN Red List: Near Threatened.
Galapagos Distribution: Isabela, Santa Cruz.
References: Ahti, T. et al. (2000).
131. *Cladonia sphacelata* Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Not In Galapagos, Not In Galapagos.
IUCN Red List: Near Threatened.
Galapagos Distribution: Isabela, Santa Cruz.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
132. *Cladonia strepsilis* (Ach.) Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Santa Cruz.
133. *Cladonia subradiata* (Vain.) Sandst.
Taxon status: Accepted name; taxon occurs in Galapagos.
 In Weber (1986) as *Cladonia subulata*, fide A. Aptroot (pers. comm.)
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Fernandina, Floreana, Isabela, San Cristóbal, Santa Cruz, Santiago.
References: Ahti, T. et al. (2000), Elix, J.A. et al. (1998).
134. *Cladonia subsquamosa* Kremp.
Taxon status: Accepted name; taxon occurs in Galapagos.

- Origin:** Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Isabela, Pinzón, San Cristóbal, Santa Cruz.
References: Weber, W.A. et al. (1986).
135. *Cladosporium arthoniae* M.S. Christ. D. Hawksw.
Taxon status: Identification not yet confirmed.
 Index Fungorum: anamorphic Davidiella
Galapagos Distribution: Santiago.
References: Kirk, P. (ed.) et al. (2010).
136. *Coccocarpia delicatula* Bungartz, Ziemmeck Lücking
Taxon status: Accepted name; taxon occurs in Galapagos.
 Holotype Bungartz 8496 (CDS 41142)
Origin: Native, Endemic.
IUCN Red List: Data Deficient.
Galapagos Distribution: San Cristóbal.
References: Lumbsch, H.T. et al. (2010).
137. *Coccocarpia domingensis* Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Pinta, San Cristóbal, Santa Cruz.
138. *Coccocarpia erythroxyli* (Spreng.) Swinscow Krog
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Pannaria molybdaea*, fide Weber (1986) Elix McCarthy (1998), *Coccocarpia pellita* var. *parmelioides*, fide Elix McCarthy (1998); 2 specimens in COLO: 40290, Santa Cruz, Stewart, 1912, det. Dodge 1935 Santiago, Pike 2718, det. Arvidsson
Origin: Native, Indigenous.
IUCN Red List: Regionally Extinct.
Galapagos Distribution: Floreana, Santa Cruz, Santiago.
References: Dodge, C.W. et al. (1935), Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
139. *Coccocarpia filiformis* Arv.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Santa Cruz.
140. *Coccocarpia palmicola* (Spreng.) Arv. D.J. Galloway
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Fernandina, Floreana, Isabela, Marchena, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago, Unknown.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
141. *Coccocarpia pellita* (Ach.) Müll. Arg.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
142. *Coccocarpia prostrata* Lücking, Aptroot Sipman
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).

143. *Coenogonium flavum* (Malcolm V?zda) Malcolm
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
144. *Coenogonium interplexum* Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Floreana, Isabela, Santa Cruz.
145. *Coenogonium pineti* (Schrad. ex Ach.) Lücking Lumbsch
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
146. *Coenogonium sp. nov. aff. luteolum* (Kalb) Kalb Lücking
Taxon status: Unpublished name (Nomen nudum).
Galapagos Distribution: Santa Cruz.
147. *Coenogonium strigosum* Rivaz Plata, Lücking Chaves
Taxon status: Accepted name; taxon occurs in Galapagos.
In Weber (1986) probably as *Dimerella lutea*, fide A. Aptroot (pers. comm.)
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, Santa Cruz, Santiago.
148. *Collema furfuraceum* Du Rietz
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, San Cristóbal, Santa Cruz, Santiago.
References: Bungartz, F. et al. (2008), Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
149. *Collema leptaleum* Tuck.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Near Threatened.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz, Santiago.
References: Bungartz, F. et al. (2008).
150. *Collema pulcellum* Ach.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Santa Cruz.
151. *Collema texanum* Tuck.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Santa Cruz, Santiago.
References: Bungartz, F. et al. (2008).
152. *Collemopsidium subarenisedum* (G. Salisb.) Coppins Aptroot
Taxon status: Identification not yet confirmed.
F. Bungartz: material needs verification
Galapagos Distribution: Santa Cruz.

153. *Collemopsidium sublitorale* (Leight.) Grube B.D. Ryan
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Pyrenocollema sublitorale*, *Arthopyrenia sublitoralis*.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Santiago.
References: Santesson, R. et al. (1939).
154. *Compsocladium kalbii* Frisch
Taxon status: Identification not yet confirmed.
 F. Bungartz: material identified originally by Aptroot as *Compsocladium archboldianum*, but this species does not occur in South America and if correct the identification likely refers to *Compsocladium kalbii* Frisch, unfortunately all material missing from CDS!
Origin: Native, Indigenous.
Galapagos Distribution: Unknown.
References: Frisch, A. et al. (2007).
155. *Cora glabrata* (Spreng.) Fr.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Dictyonema glabratum* fide Bungartz 2010, *Dictyonema montanum*, fide A. Aptroot (pers. comm.); In Dodge (1935) und Weber (1966) as *Cora pavonia*
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz, Santiago, Unknown.
References: Dodge, C.W. et al. (1935), Weber, W.A. et al. (1966), Weber, W.A. et al. (1986).
156. *Cresponea flava* (Vain.) Egea Torrente
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Santa Cruz.
References: Aptroot, A. et al. (2008).
157. *Cryptothecia assimilis* Makhija Patw.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago.
158. *Cryptothecia evergladensis* Seavey
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Pinzón.
References: Kirk, P. (ed.) et al. (2010).
159. *Cryptothecia punctosorediata* Sparrius
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
160. *Cryptothecia striata* G. Thor
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz.
161. *Cyphellostereum* sp.
Taxon status: Unpublished name (Nomen nudum).
 F. Bungartz: *Dictyonema phyllogenum* f. *defectum* was described for a morphotype with a very poorly developed fungal sheath (Lücking 2008). Fig 258 E-F in Lücking (2008), however, depicts

cyanobacterial trichomes that are not closely bundled as it is the case in the Galapagos material. Also, trichomes of *Dictyonema* phyllogenium f. *defectum* are appressed rather than erect, as seen in the Galapagos material. The Galapagos specimens grow on a variety of substrates, one also found on leaves of the endemic *Miconia robertsonianana*, but most were collected on bryophytes. The micromorphology of these specimens is quite similar, but not identical with free-living forms of *Scytonema*, since *Cyphellostereum* sp. clearly presents fungal sheath cells surrounding the cyanobacteria.

Galapagos Distribution: Santa Cruz.

162. *Dictyonema galapagoense* Yáñez, Dal-Forno Bungartz ined.
Taxon status: Unpublished name (Nomen nudum).
 Holotype Bungartz 8517 (CDS 41163)
Origin: Native, Endemic.
IUCN Red List: Endangered.
Galapagos Distribution: San Cristóbal.
163. *Dictyonema pectinatum* Dal Forno, Yáñez Lücking ined.
Taxon status: Unpublished name (Nomen nudum).
Origin: Native, Endemic.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
164. *Dictyonema schenkianum* (Müll. Arg.) Zahlbr.
Taxon status: Accepted name; taxon occurs in Galapagos.
 F. Bungartz: the correct spelling is 'schenkianum' because the basionym is *Laudatea schenkiana* Müll. Arg., Parmastro erroneously spelled the epithet with 'ck' as '*Dictyonema sericeum* f. *schenckianum*'.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: San Cristóbal, Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
165. *Dictyonema sericeum* s.str. (Sw.) Berk.
Taxon status: Accepted name; taxon occurs in Galapagos.
 reported by Weber (1986) as *Dictyonema guadelupense*; only the material forming bracket-like shelves belongs here
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Lawrey, J.D. et al. (2009), Weber, W.A. et al. (1986).
166. *Diorygma poitaei* (Fée) Kalb, Staiger Elix
Taxon status: Accepted name; taxon occurs in Galapagos.
 In Weber (1986) as *Graphina virginea*, fide F. Bungartz 2008
Origin: Native, Indigenous.
IUCN Red List: Not Evaluated.
Galapagos Distribution: Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Bungartz, F. et al. (2009).
167. *Diploschistes actinostomus* (Pers.) Zahlbr.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santa Fé, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
168. *Diploschistes badius* Lumbsch Elix
Taxon status: Accepted name; taxon occurs in Galapagos.
 F. Bungartz: previously misidentified as *D. aeneus*, but material contains gyrophoric acid
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela.

169. *Diploschistes cinereocaesius* (Sw.) Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
 In Weber (1986) as *Diploschistes scruposus*, fide A. Aptroot (pers. comm.)
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz, Santa Fé, Santiago.
170. *Diploschistes euganeus* (A. Massal.) Zahlbr.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: San Cristóbal.
171. *Diploschistes hypoleucus* Zahlbr.
Taxon status: Identification not yet confirmed.
 F. Bungartz: material needs to be analyzed with TLC (*D. hypoleucus* has diploschistic and gyrophoric, *D. cinereocaesius* lecanoric and gyrophoric acid)
Galapagos Distribution: Isabela, Santa Cruz.
172. *Diploschistes muscorum* ssp. *bartlettii* Lumbsch
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Lumbsch, H.T. et al. (1987).
173. *Dirina catalinariae* f. *catalinariae* Hasse
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago.
174. *Dirina catalinariae* f. *sorediata* Tehler
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago.
175. *Dirina paradoxa* ssp. *approximata* (Fée) Tehler
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Dirina herrei* *Dirina approximata*
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santa Fé, Santiago, Unknown.
References: Aptroot, A. et al. (2008).
176. *Dirinaria aegialita* (Afzel. ex Ach.) B.J. Moore
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Physcia aegialita*, fide Elix McCarthy (1998)
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Pinzón, Santa Cruz, Santiago.
References: Dodge, C.W. et al. (1936), Weber, W.A. et al. (1966).
177. *Dirinaria applanata* (Fée) D.D. Awasthi
Taxon status: Accepted name; taxon occurs in Galapagos.
 According to A. Aptroot (pers. comm.) in Weber (1986) probably also as *Dirinaria leopoldii*
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz,

Santa Fé, Santiago, Unknown.

References: Weber, W.A. et al. (1986).

178. *Dirinaria confluens* (Fr.) D.D. Awasthi

Taxon status: Taxonomic status unresolved or unrevised.

Syn.: *Physcia confluens*, fide Elix McCarthy (1998); the only CDS specimen (Ap 63111) has a UV-medulla and otherwise looks like *D. confusa*, this record is thus probably a misidentification, but check COLO loan, and do chemistry!!!, fide F. Bungartz

Galapagos Distribution: Santa Cruz, Santiago.

References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).

179. *Dirinaria confusa s.l.* D.D. Awasthi

Taxon status: Taxonomic status unresolved or unrevised.

check TLC (divaricatic acid?) and spore size if *D. neotropica*!

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

180. *Dirinaria leopoldii* (Stein) D.D. Awasthi

Taxon status: Accepted name; taxon occurs in Galapagos.

One specimen of Weber cited in Awasthi (1975): South Plaza, Weber L-40110; Two specimens in COLO (L-40736, L-40762), coll. Itow

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: Española, Santa Cruz, Santiago.

References: Awasthi, D.D. et al. (1975), Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).

181. *Dirinaria neotropica* Kalb

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Least Concern.

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

182. *Dirinaria papillulifera* (Nyl.) D.D. Awasthi

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: Santa Cruz, Santiago.

183. *Dirinaria picta* (Sw.) Schaer. ex Clem.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Physcia picta*, fide Elix McCarthy (1998)

Origin: Native, Indigenous.

IUCN Red List: Least Concern.

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

184. *Dyplolabia afzelii* (Ach.) A. Massal.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Graphis afzelii*

Origin: Native, Indigenous.

IUCN Red List: Critically Endangered.

Galapagos Distribution: Floreana, Santiago.

References: Bungartz, F. et al. (2009), Weber, W.A. et al. (1986).

185. *Echinoplaca leucotrichoides* (Vain.) R. Sant.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: Santa Cruz.

186. *Endocarpon nigromarginatum* H. Harada

Taxon status: Accepted name; taxon occurs in Galapagos.

- material confirmed by O. Breuss
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Pinzón.
187. *Endocarpon petrolepideum* (Nyl.) Hue
Taxon status: Accepted name; taxon occurs in Galapagos.
 material confirmed by O. Breuss
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santiago.
188. *Endocarpon pusillum* Hedw.
Taxon status: Accepted name; taxon occurs in Galapagos.
 O. Breuss: previously already confirmed by Weber (1986), material confirmed by Breuss, specimens that A. Aptroot annotated as *Endocarpon pallidellum* are misidentifications
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Floreana, Isabela, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
189. *Enterographa anguinella* (Nyl.) Redinger
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Isabela, Santa Cruz, Santiago.
References: Aptroot, A. et al. (2008).
190. *Enterographa leucolyta* (Nyl.) Redinger
Taxon status: Identification not yet confirmed.
 F. Bungartz: identification cannot be verified, specimen missing (Aptroot 63270, CDS 30006)
Galapagos Distribution: Santa Cruz.
References: Aptroot, A. et al. (2008).
191. *Enterographa pallidella* (Nyl.) Redinger
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Santa Cruz, Santiago.
References: Aptroot, A. et al. (2008).
192. *Enterographa subserialis* (Nyl.) Redinger
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Santa Cruz, Santiago, Unknown.
References: Aptroot, A. et al. (2008).
193. *Erioderma mollissimum* (Samp.) Du Rietz
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santiago.
194. *Erioderma soledatum* D.J. Galloway P.M. Jørg.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).

195. *Everniastrum subplanum* Sipman
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
196. *Everniastrum vexans* (Zahlbr. ex W.L. Culb. C.F. Culb.) Hale ex Sipman
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Parmelia vexans*
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1981), Weber, W.A. et al. (1986).
197. *Fellhanera encephalarti* (Vezda) V?zda
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
198. *Fellhanera parvula* (Vezda) V?zda
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
199. *Fellhanera rubida* (Müll. Arg.) Lücking
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Santa Cruz.
200. *Fellhanera stanhopiae* (Müll. Arg.) Lücking, Lumbsch Elix
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
201. *Fellhanera sublecanorina* (Nyl.) V?zda
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Bacidia sublecanorina*, fide A. Aptroot (pers. comm.); specimen in COLO (63764, in packet of *Tapellaria epiphylla*), det. Vezda
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Unknown.
202. *Fissurina cf. comparilis* (Nyl.) Nyl.
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
Galapagos Distribution: Floreana, Santa Cruz, Unknown.
References: Bungartz, F. et al. (2009).
203. *Fissurina columbina* (Tuck.) Staiger
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Floreana, Isabela, Santa Cruz.
References: Bungartz, F. et al. (2009).
204. *Fissurina dumastioides* (Fink) Staiger
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.

- IUCN Red List:** Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Bungartz, F. et al. (2009).
205. *Flakea papillata* O.E. Erikss.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Agonimia papillata*, fide Index Fungorum and A. Aptroot; Syn.: *Psoroglaena cubensis* auct. non Müll. Arg., fide Elix McCarthy (1998)
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Floreana, Pinta, Pinzón, Santa Cruz.
References: Elix, J.A. et al. (1998), Muggia, L. et al. (2009), Weber, W.A. et al. (1993).
206. *Flavoparmelia baltimorensis* (Gyeln. Főriss) Hale
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Santiago.
207. *Flavoparmelia caperata* (L.) Hale
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Santa Cruz.
208. *Glyphis cicatricosa* Ach.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinzón, San Cristóbal, Santa Cruz, Santiago.
References: Bungartz, F. et al. (2009), Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
209. *Glyphis scyphulifera* (Ach.) Staiger
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Floreana, San Cristóbal, Santiago.
References: Bungartz, F. et al. (2009).
210. *Graphis acharii* Fée
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Santa Cruz, Santiago.
References: Bungartz, F. et al. (2009).
211. *Graphis adpressa* Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Santa Cruz.
References: Bungartz, F. et al. (2009).
212. *Graphis anfractuosa* (Eschw.) Eschw.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz.
References: Bungartz, F. et al. (2009).

213. *Graphis caesiella* Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santa Fé, Santiago.
References: Bungartz, F. et al. (2009), Elix, J.A. et al. (1998), Weber, W.A. et al. (1981), Weber, W.A. et al. (1986).
214. *Graphis cincta* (Pers.) Aptroot
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, San Cristóbal, Santa Cruz, Santiago.
215. *Graphis cleistomma* Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Vulnerable.
Galapagos Distribution: Isabela, Santiago.
References: Bungartz, F. et al. (2009).
216. *Graphis conferta* Zenker
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
217. *Graphis crebra* Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Bungartz, F. et al. (2009).
218. *Graphis dichotoma* (Müll. Arg.) Lücking
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santiago.
References: Bungartz, F. et al. (2009).
219. *Graphis disserpens* Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: San Cristóbal.
References: Kirk, P. (ed.) et al. (2010).
220. *Graphis elongata* Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, San Cristóbal, Santa Cruz, Santiago.
References: Bungartz, F. et al. (2009).
221. *Graphis flavominiata* Moncada Lücking
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Santa Cruz, Santiago.

- References:** Bungartz, F. et al. (2009).
222. *Graphis glaucescens* Fée
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Graphis bulacana* Vain.
Origin: Introduced, Questionable Native.
IUCN Red List: Not Evaluated.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz.
References: Bungartz, F. et al. (2009).
223. *Graphis handelii* Zahlbr.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
224. *Graphis immersella* Müll. Arg.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
225. *Graphis intricata* Fée
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, Santa Cruz, Santiago.
References: Bungartz, F. et al. (2009).
226. *Graphis leptospora* Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
227. *Graphis longula* Kremp.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: San Cristóbal.
References: Kirk, P. (ed.) et al. (2010).
228. *Graphis modesta* Zahlbr.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Pinta, San Cristóbal.
References: Kirk, P. (ed.) et al. (2010).
229. *Graphis oxyclada* Müll. Arg.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela.
References: Kirk, P. (ed.) et al. (2010).
230. *Graphis paradisserpens* Sipman Lücking
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.

- IUCN Red List:** Data Deficient.
Galapagos Distribution: San Cristóbal.
References: Kirk, P. (ed.) et al. (2010).
231. *Graphis pedunculata* Bungartz Aptroot
Taxon status: Accepted name; taxon occurs in Galapagos.
 Holotype Bungartz 5701 (CDS 28799)
Origin: Native, Endemic.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santiago.
References: Bungartz, F. et al. (2009).
232. *Graphis phaeospora* Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, Santa Cruz.
References: Bungartz, F. et al. (2009).
233. *Graphis platycarpa* Eschw.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: San Cristóbal.
References: Kirk, P. (ed.) et al. (2010).
234. *Graphis rimulosa* (Mont.) Trevis.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, Santa Cruz, Santiago.
References: Bungartz, F. et al. (2009).
235. *Graphis subchrysocarpa* Lücking
Taxon status: Accepted name; taxon occurs in Galapagos.
 In Weber (1993) as *Phaeographina chrysocarpa*
Origin: Native, Indigenous.
IUCN Red List: Critically Endangered.
Galapagos Distribution: Pinta.
References: Bungartz, F. et al. (2009), Weber, W.A. et al. (1993).
236. *Graphis tenella* Ach.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, San Cristóbal, Santa Cruz, Santiago, Unknown.
References: Bungartz, F. et al. (2009).
237. *Graphis vestitoides* (Fink) Staiger
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Pinta, Santa Cruz, Santiago.
References: Bungartz, F. et al. (2009).
238. *Gyalectidium catenulatum* (Cavalc. A.A. Silva) L.I. Ferraro, Lücking Sérus.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.

239. *Gyalectidium eskucheii* Sérus. J.R. De Sloover
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
240. *Gyalectidium filicinum* Müll. Arg.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Santa Cruz.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
241. *Gyalectidium imperfectum* V?zda
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
242. *Gyalideopsis subaequatoriana* Lücking W.R. Buck
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Santa Cruz, Santiago.
243. *Gyalideopsis vulgaris* (Müll. Arg.) Lücking
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
244. *Haematomma persoonii* (Fée) A. Massal.
Taxon status: Accepted name; taxon occurs in Galapagos.
 In Weber (1966, 1986) and Elix McCarthy (1998) as *Haematomma puniceum*, fide A. Aptroot (pers. comm.)
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Genovesa, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago, Unknown.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1966), Weber, W.A. et al. (1986).
245. *Helminthocarpon leprevostii* Fée
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
246. *Herpothallon echinatum* Aptroot, Lücking Will-Wolf
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Santa Cruz.
247. *Herpothallon granulare* (Sipman) Aptroot Lücking
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Santa Cruz.
248. *Herpothallon philippinum* (Vain.) Aptroot Lücking
Taxon status: Accepted name; taxon occurs in Galapagos.

- Origin:** Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago.
References: Aptroot, A. et al. (2009).
249. *Herpothallon rubrocinctum* (Ehrenb.: Fr.) Aptroot, Lücking G. Thor
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Herpothallon sanguineum*, *Chiodecton sanguineum* and *C. rubrocinctum*, fide Aptroot et al. (2009)
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Aptroot, A. et al. (2009), Dodge, C.W. et al. (1935), Dodge, C.W. et al. (1936), Elix, J.A. et al. (1998), Farlow, W.G. et al. (1902), Stewart, A. et al. (1912), Weber, W.A. et al. (1966), Weber, W.A. et al. (1986).
250. *Herpothallon rubroechinatum* Frisch G. Thor
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
251. *Herpothallon sp. nov. 5 confluenticum*""
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Aptroot, A. et al. (2009).
252. *Heterocyphelium leucampyx* (Tuck.) Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Vulnerable.
Galapagos Distribution: Isabela, Pinta.
253. *Heterodermia albicans* (Pers.) Swinscow Krog
Taxon status: Identification not yet confirmed.
 Syn.: *Physcia albicans*, fide F. Bungartz, *Physcia crispa*, fide Elix McCarthy (1998)
Galapagos Distribution: Santa Cruz, Wolf.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
254. *Heterodermia antillarum* (Vain.) Kurok.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Fernandina, Floreana, Isabela, Pinta, Pinzón, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
255. *Heterodermia circinalis* (Zahlbr.) W.A. Weber
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Anaptychia leucomelaena* f. *circinalis*, *Anaptychia circinalis*
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Pinta, Santiago.
References: Weber, W.A. et al. (1981).
256. *Heterodermia comosa* (Eschw.) Follmann Redón
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Anaptychia comosa*, fide Elix McCarthy (1998)
Origin: Native, Indigenous.

- IUCN Red List:** Near Threatened.
Galapagos Distribution: Floreana, Isabela, Pinta, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
257. *Heterodermia diademata* (Taylor) D.D. Awasthi
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela.
258. *Heterodermia galactophylla* (Tuck.) W.L. Culb.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Santa Cruz.
259. *Heterodermia japonica* (M. Satô) Swinscow Krog
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, Santa Cruz, Santiago.
260. *Heterodermia leucomela ssp. boryi* (Fée) Swinscow Krog
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Santa Cruz.
261. *Heterodermia leucomela ssp. leucomela* (Fée) Swinscow Krog
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Santa Cruz, Santiago.
262. *Heterodermia lutescens* (Kurok.) Follmann
Taxon status: Taxonomic status unresolved or unrevised.
 Syn.: *Anaptychia lutescens*; F. Bungartz: How does this differ from *H. appalachensis*?
Galapagos Distribution: Floreana, Isabela, Pinzón, San Cristóbal, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
263. *Heterodermia obscurata* (Nyl.) Trevis.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Anaptychia obscurata*, fide Index Fungorum
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, San Cristóbal, Santa Cruz, Santiago.
264. *Heterodermia podocarpa* (Bél.) D.D. Awasthi
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Anaptychia podocarpa*, fide Elix McCarthy (1998)
Origin: Native, Indigenous.
IUCN Red List: Near Threatened.
Galapagos Distribution: Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Dodge, C.W. et al. (1936), Weber, W.A. et al. (1966).
265. *Heterodermia speciosa* (Wulfen) Trevis.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Santa Cruz, Santiago.

266. *Heterodermia squamulosa* (Degel.) W.L. Culb.
Taxon status: Accepted name; taxon occurs in Galapagos.
 In Weber (1986) and Elix McCarthy (1998) as *Heterodermia lepidota*, fide A. Aptroot (pers. comm.)
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
267. *Heterodermia verrucifera* (Kurok.) W.A. Weber
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Anaptychia leucomelaena* f. *verrucifera*
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago.
References: Weber, W.A. et al. (1981).
268. *Hyperphyscia adglutinata* (Flörke) H. Mayrhofer Poelt
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Physcia adglutinata*, fide Elix McCarthy (1998); In Weber (1986) as *Phaeophyscia hispidula*,
 fide A. Aptroot (pers. comm.)
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz,
 Santa Fé, Santiago.
References: Dodge, C.W. et al. (1936), Weber, W.A. et al. (1966).
269. *Hypotrachyna costaricensis* (Nyl.) Hale
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Santa Cruz.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
270. *Hypotrachyna exsplendens* (Hale) Hale
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Santa Cruz.
271. *Hypotrachyna isidiocera* (Nyl.) Hale
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Parmelia isidiocera*
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Santa Cruz, Santiago.
272. *Hypotrachyna microblasta* (Vain.) Hale
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Parmelia microblasta*
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
273. *Hypotrachyna osseoalba* (Vain.) Y.S. Park Hale
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Near Threatened.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz, Santiago.

274. *Julella aviceniae* (Borse) K.D. Hyde
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: San Cristóbal.
275. *Julella cf. asema* R.C. Harris
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
Galapagos Distribution: Unknown.
276. *Julella cf. vitrispora* (Cooke Harkn.) M.E. Barr
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
F. Bungartz R. Miranda: the material is similar to *J. vitrispora* but does not agree in all characters; possibly an undescribed species.
Origin: Native, Indigenous.
Galapagos Distribution: Unknown.
277. *Julella geminella* (Nyl.) R.C. Harris
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Santa Cruz, Santiago.
278. *Julella vitrispora* (Cooke Harkn.) M.E. Barr
Taxon status: Identification not yet confirmed.
F. Bungartz: Aptroot 64077 material needs verification
Galapagos Distribution: Pinzón, Santa Cruz.
279. *Lecanactis abietina* (Ehrh. ex Ach.) Körb.
Taxon status: Accepted name; taxon occurs in Galapagos.
fide annotations J.M. Egea P. Torrente, 1990 and F. Bungartz, 2009 (FH-TUCK 197166)
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Unknown.
280. *Lecanactis epileuca* (Nyl.) Tehler
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: San Cristóbal.
References: Kirk, P. (ed.) et al. (2010).
281. *Lecanographa hypothallina* (Zahlbr.) Egea Torrente
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Pinzón, Santa Cruz.
References: Aptroot, A. et al. (2008).
282. *Lecanographa laingiana* Diederich, Egea Sipman
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Isabela, Pinta, Santa Cruz, Santa Fé.
References: Aptroot, A. et al. (2008).
283. *Lecanographa lyncea* (Sm.) Egea Torrente
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Isabela, Santa Cruz, Santa Fé, Santiago.

- References:** Aptroot, A. et al. (2008).
284. *Lecanographa microcarpella* (Müll. Arg.) Egea Torrente
Taxon status: Accepted name; taxon occurs in Galapagos.
 In Aptroot Sparrius (2008) as *Lecanographa illecebrosula*, fide F. Bungartz annotations, 2008
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Isabela, San Cristóbal, Santa Cruz, Santiago.
References: Aptroot, A. et al. (2008).
285. *Lecanographa subcaesioides* Egea Torrente
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, Pinzón, Santa Cruz, Santiago, Wolf.
References: Aptroot, A. et al. (2008).
286. *Lecanora avium* (Zahlbr.) Hertel
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Lecidea chilena*, fide Elix McCarthy (1998)
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
287. *Lecanora caesiorubella* Ach.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Lecanora caesiorubella* ssp. *glaucomodes*, fide Elix McCarthy (1998)
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Fernandina, Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
288. *Lecanora expallens* Ach.
Taxon status: Identification not yet confirmed.
Galapagos Distribution: Isabela, Santiago.
289. *Lecanora floridula* Lumbsch
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Isabela, San Cristóbal, Santa Cruz, Santiago.
References: Guderley, R. et al. (1999).
290. *Lecanora galactiniza* Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Pinzón, San Cristóbal, Santa Cruz, Santiago.
291. *Lecanora legalloana* Elix Øvstedal
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago.
292. *Lecanora leprosa* Fée
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.

Galapagos Distribution: Española, Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santa Fé, Santiago, Unknown, Wolf.

References: Elix, J.A. et al. (1998), Guderley, R. et al. (1999), Weber, W.A. et al. (1986).

293. *Lecanora oreinoides* (Körb.) Hertel Rambold

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Lecidea oreinoides*

Origin: Native, Indigenous.

IUCN Red List: Least Concern.

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

References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).

294. *Lecanora orosthea* (Ach.) Ach.

Taxon status: Identification not yet confirmed.

Galapagos Distribution: Isabela.

295. *Lecanora perconfusa* Printzen

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: Isabela, Santa Fé, Santiago.

296. *Lecanora pseudopinguis* W.A. Weber

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

IUCN Red List: Least Concern.

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

References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1981), Weber, W.A. et al. (1986).

297. *Lecanora schindleri* Guderley

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

IUCN Red List: Data Deficient.

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

References: Guderley, R. et al. (1999).

298. *Lecanora sp. nov. 1 septotrapelia*""

Taxon status: Unpublished name (Nomen nudum).

Origin: Native, Endemic.

IUCN Red List: Least Concern.

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

299. *Lecanora sp. nov. 2 mobergioides*""

Taxon status: Unpublished name (Nomen nudum).

Origin: Native, Endemic.

IUCN Red List: Vulnerable.

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

300. *Lecanora subcoarctata* (C. Knight) Hertel

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: Santa Cruz.

References: Elix, J.A. et al. (1998), Hertel, H. et al. (1989).

301. *Lecanora subimmersa ssp. subimmersa* (Fée) Vain.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

- IUCN Red List:** Least Concern.
Galapagos Distribution: Isabela, Pinta, Pinzón, San Cristóbal, Santiago.
References: Guderley, R. et al. (1999).
302. *Lecanora sulfurescens* Fée
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Darwin, Española, Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago, Unknown, Wolf.
References: Elix, J.A. et al. (1998), Guderley, R. et al. (1999), Weber, W.A. et al. (1986).
303. *Lecanora tropica* Zahlbr.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz, Santiago.
References: Guderley, R. et al. (1999).
304. *Leiorreuma sericeum* (Eschw.) Staiger
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Near Threatened.
Galapagos Distribution: Fernandina, Isabela, Pinta, Santa Cruz, Santiago.
References: Bungartz, F. et al. (2009).
305. *Lempholemma dussii* (Vain.) Zahlbr.
Taxon status: Identification not yet confirmed.
 In Weber (1993) and Elix McCarthy (1998) erroneously as *Lempholemma dussiana*; Specimens in COLO: Weber Lanier (L-62925), Weber (L-63035); material being revised by M. Schultz
Galapagos Distribution: Santa Cruz.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1993).
306. *Lepraria lobificans* Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, San Cristóbal, Santa Cruz, Santiago, Unknown.
307. *Lepraria usnica* Sipman
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Isabela, San Cristóbal, Santa Cruz, Santiago.
308. *Lepraria vouauxii* (Hue) R.C. Harris
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Santiago, Unknown.
309. *Leprocaulon tenellum* (Tuck.) Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Stereocaulon albicans*, fide Elix McCarthy (1998), *Stereocaulon tenellum*
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Fernandina, Floreana, Isabela, Pinzón, San Cristóbal, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1981), Weber, W.A. et al. (1986).

310. *Leprocollema novocaledonianum* A.L. Sm. [as 'nova-caledonianum']
Taxon status: Identification not yet confirmed.
 F. Bungartz: previously listed as *Lemmopsis novae-caledoniarum* fide Aptroot"
Galapagos Distribution: Santa Cruz.
311. *Leptogium azureum* (Sw. ex Ach.) Mont.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Near Threatened.
Galapagos Distribution: Floreana, Isabela, Santa Cruz, Santiago.
References: Bungartz, F. et al. (2008).
312. *Leptogium cyanescens* (Pers.) Körb.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Bungartz, F. et al. (2008), Elix, J.A. et al. (1998), Weber, W.A. et al. (1981), Weber, W.A. et al. (1986).
313. *Leptogium javanicum* (Mont. Bosch) Mont.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Vulnerable.
Galapagos Distribution: Isabela, Santa Cruz.
References: Bungartz, F. et al. (2008).
314. *Leptogium marginellum* (Sw.) Gray
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Bungartz, F. et al. (2008), Dodge, C.W. et al. (1936), Elix, J.A. et al. (1998), Weber, W.A. et al. (1966), Weber, W.A. et al. (1986).
315. *Leptogium milligranum* Sierk
Taxon status: Accepted name; taxon occurs in Galapagos.
 In Weber (1986) and Elix McCarthy (1998) in correctly cited as *L. millegranum*
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Fernandina, Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Bungartz, F. et al. (2008), Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
316. *Leptogium phyllocarpum* (Pers.) Mont.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago.
References: Bungartz, F. et al. (2008).
317. *Leptogium punctulatum* Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Leptogium foveolatum*, fide Weber (1981)
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Bungartz, F. et al. (2008), Elix, J.A. et al. (1998), Weber, W.A. et al. (1981), Weber, W.A. et al. (1986).

318. *Leptotrema wightii* (Taylor) Müll. Arg.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Myriotrema wightii*, fide F. Bungartz
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Santa Cruz.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
319. *Leucodecton cf. desquamescens* (Vain.) Lücking
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
320. *Leucodecton occultum* (Eschw.) Frisch
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Myriotrema compunctum*, *Leptotrema compunctum*, fide F. Bungartz, 2008
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
321. *Lichenoconium sp. 1*
Taxon status: Taxon not identified to species, subspecies, form or variety.
 Index Fungorum: anamorphic Pezizomycotina
Galapagos Distribution: Isabela.
References: Kirk, P. (ed.) et al. (2010).
322. *Lithothelium fluorescens* Aptroot Sipman
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Unknown.
323. *Lithothelium illotum* (Nyl.) Aptroot
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
324. *Lithothelium microsporum* R.C. Harris
Taxon status: Accepted name; taxon occurs in Galapagos.
 F. Bungartz R. Miranda: Galapagos material of this species erroneously referred to as *L. obtectum* by Aptroot (2006).
Origin: Native, Endemic.
IUCN Red List: Data Deficient.
Galapagos Distribution: Unknown.
References: Aptroot, A. et al. (2006).
325. *Lobaria patinifera* (Taylor) Hue
Taxon status: Accepted name; taxon occurs in Galapagos.
 In Weber (1986) und Elix McCarthy (1998) as *Lobaria dissecta*
Origin: Native, Indigenous.
IUCN Red List: Vulnerable.
Galapagos Distribution: Floreana, Isabela, Pinzón, San Cristóbal, Santa Cruz.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
326. *Lobariella pallida* (Hook. f.) Moncada Lücking
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Vulnerable.
Galapagos Distribution: Santa Cruz.
References: Lumbsch, H.T. et al. (2010).

327. *Loxospora ochrophaea* (Tuck.) R.C. Harris
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Haematomma ochrophaea*, fide Index Fungorum
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago.
328. *Malcolmiella polycampia* (Tuck.) Cáceres Lücking
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz.
329. *Megalospora galapagoensis* Bungartz, Ziemmeck Lücking
Taxon status: Accepted name; taxon occurs in Galapagos.
Holotype: Bungartz 8516 (CDS 41162)
Origin: Native, Endemic.
IUCN Red List: Vulnerable.
Galapagos Distribution: San Cristóbal, Santa Cruz.
References: Lumbsch, H.T. et al. (2010).
330. *Milospium graphidiorum* (Nyl.) D. Hawksw.
Taxon status: Identification not yet confirmed.
Index Fungorum: anamorphic Pezizomycotina
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
331. *Minutoexcipula* sp. 1
Taxon status: Taxon not identified to species, subspecies, form or variety.
Index Fungorum: anamorphic Pezizomycotina
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
332. *Mycocalicium americanum* (R. Sant.) Tibell
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Santa Cruz, Santa Fé, Santiago.
333. *Mycomicrothelia subfallens* (Müll. Arg.) D. Hawksw.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1993).
334. *Mycomicrothelia thelena* (Ach.) D. Hawksw.
Taxon status: Identification not yet confirmed.
F. Bungartz: material needs verification
Galapagos Distribution: San Cristóbal.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1993).
335. *Mycoporum compositum* (A. Massal.) R.C. Harris
Taxon status: Accepted name; taxon occurs in Galapagos.
F. Bungartz: Aptroot 63342, material needs verification
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz, Santiago.

336. *Mycoporum eschweileri* (Müll. Arg.) R.C. Harris
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Tomasellia eschweileri* (Müll. Arg.) R.C. Harris
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Pinzón, Santa Cruz, Santiago, Unknown.
337. *Mycoporum sparsellum* Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Unknown.
338. *Myriotrema olivaceum* Fée
Taxon status: Accepted name; taxon occurs in Galapagos.
 specimen in COLO not seen (55414): Santiago, on *Zanthoxylum*, coll. Pike, det. Hale
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Unknown.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
339. *Normandina pulchella* (Borrer) Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
340. *Ochrolechia africana* Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
 In Weber (1966, 1986) and Elix McCarthy (1998) as *Ochrolechia pallescens*
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Española, Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1966), Weber, W.A. et al. (1986).
341. *Ochrolechia pallescens* s.l. (L.) A. Massal.
Taxon status: Identification not yet confirmed.
 Syn.: *Lecanora pallescens*, fide Elix McCarthy (1998); chemical reactions agree with *O. pallescens*, but the Galapagos material grows in arid vegetation
Galapagos Distribution: Floreana, Isabela, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1966), Weber, W.A. et al. (1986).
342. *Ochrolechia subpallescens* Versegghy
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
343. *Opegrapha agelaotera* Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santa Fé, Santiago.
344. *Opegrapha arabica* (Müll. Arg.) Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Darwin, Española, Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santa Fé, Santiago, Unknown.

345. *Opegrapha astraea* Tuck.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Floreana, Santa Cruz.
346. *Opegrapha brattiae* Egea Ertz
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Española, San Cristóbal.
347. *Opegrapha cactacearum* Riedl
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Pinta, San Cristóbal, Santa Cruz, Santa Fé.
348. *Opegrapha cf. foreaui* (Moreau) Hafellner R. Sant.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
349. *Opegrapha diagrapha* Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
350. *Opegrapha difficilior* Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Pinzón, Santa Cruz, Santiago.
351. *Opegrapha herbarum* Mont.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Pinta, Santa Cruz.
352. *Opegrapha loandensis s.l.* Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago.
References: Ertz, D. et al. (2009).
353. *Opegrapha melanospila* Müll. Arg.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Santa Cruz.
354. *Opegrapha ochrocheila* Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.

355. *Opegrapha* sp. nov. *1 norstictica*""
Taxon status: Unpublished name (Nomen nudum).
Origin: Native, Endemic.
IUCN Red List: Data Deficient.
Galapagos Distribution: Española, Floreana, San Cristóbal, Santa Cruz, Santa Fé, Santiago, Unknown.
356. *Opegrapha trilocularis* Müll. Arg.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Floreana, Santa Cruz.
357. *Opegrapha trochodes* Coppins, F. Berger Ertz
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Pinta, Santiago.
358. *Opegrapha varia* agg. Pers.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, Santa Cruz, Santiago.
359. *Opegrapha vulgata* (Ach.) Ach.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Española, Floreana, Santa Cruz.
360. *Opegrapha xerica* Torrente Egea
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Floreana, Isabela.
361. *Parapyrenis aurora* (Zahlbr.) Aptroot
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Unknown.
362. *Parapyrenis portoricensis*""
Taxon status: Taxonomic status unresolved or unrevised.
 F. Bungartz: nomen nudum; specimen identified by A. Aptroot (Aptroot 63057) agrees well with *P. aurora*, the only difference being that the Galapagos material has perithecia are broadly elongate, possibly an artifact caused by the perithecia being formed in between the wood fibers of the substrate.
Galapagos Distribution: Santa Cruz.
363. *Parmeliella mariana* (Fr.) P.M. Jørg. D.J. Galloway
Taxon status: Accepted name; taxon occurs in Galapagos.
 cited by Weber (1986) as *Pannaria pannosa* (Elix McCarthy 1998), see Jørgensen Galloway (1992):
 275; no material in CDS, COLO material not found
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Unknown.
References: Elix, J.A. et al. (1998), Jørgensen, P.M. et al. (1992), Weber, W.A. et al. (1986).
364. *Parmeliella stylophora* (Vain.) P.M. Jørg.
Taxon status: Accepted name; taxon occurs in Galapagos.

- Origin:** Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
365. *Parmelinella wallichiana* (Taylor) Elix Hale
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
366. *Parmelinopsis horrescens* (Taylor) Elix Hale
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz, Santiago.
367. *Parmelinopsis minarum* (Vain.) Elix Hale
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Santa Cruz, Santiago.
368. *Parmelinopsis spumosa* (Asahina) Elix Hale
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz, Santiago.
369. *Parmotrema aff. subisidiosum* (Müll. Arg.) Hale
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
370. *Parmotrema clavuliferum* (Räsänen) Streimann
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Rimelia clavulifera*
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, Pinzón, Santa Cruz, Santiago, Unknown.
371. *Parmotrema conformatum* (Vain.) Hale
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
372. *Parmotrema crinitum* (Ach.) M. Choisy
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Parmelia crinita*, fide Elix McCarthy (1998)
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinzón, San Cristóbal, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
373. *Parmotrema cristiferum* (Taylor) Hale
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Parmelia cristifera*, fide Elix McCarthy (1998)

Origin: Native, Indigenous.

IUCN Red List: Least Concern.

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

References: Dodge, C.W. et al. (1936), Elix, J.A. et al. (1998), Weber, W.A. et al. (1966), Weber, W.A. et al. (1986).

374. *Parmotrema dilatatum* (Vain.) Hale

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Least Concern.

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

References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).

375. *Parmotrema dominicanum* (Vain.) Hale

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Parmelia dominicana*, fide Elix McCarthy (1998)

Origin: Native, Indigenous.

IUCN Red List: Least Concern.

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

References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1981), Weber, W.A. et al. (1986).

376. *Parmotrema eborinum* (Hale) Hale

Taxon status: Accepted name; taxon occurs in Galapagos.

no description found, keys out in Sipman's key sensu Hale, also annot. specimens from Hale in COLO loan(L-40237,L-40505);without apothecia, isidia, soredia, ± lobulate(i.e., broader lobes with smaller marginal lobes), medulla P+ red, K+ yellow turning orange, C-

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: Isabela, Pinzón, San Cristóbal.

References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).

377. *Parmotrema endosulphureum* (Hillmann) Hale

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Parmelia endosulphurea*, fide Elix McCarthy (1998)

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

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

References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).

378. *Parmotrema hypotropum* (Nyl.) Hale

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Parmotrema hypotropum*, fide Elix McCarthy (1998); medulla C-, K+yellow (slowly turning orange-red; norstictic), margin below labriform soredia mottled white; P-, UV+ white, sorediate, ciliate, on rock

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: Española, Isabela, Santa Fé.

References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).

379. *Parmotrema latissimum* (Fée) Hale

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: Floreana, San Cristóbal.

380. *Parmotrema mellissii* (C.W. Dodge) Hale

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

- IUCN Red List:** Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
381. *Parmotrema neotropicum* Kurok.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Near Threatened.
Galapagos Distribution: Floreana, Isabela, San Cristóbal, Santiago.
382. *Parmotrema praesorediosum* (Nyl.) Hale
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Parmelia praesorediosa*, fide Elix McCarthy (1998)
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
383. *Parmotrema reticulatum* (Taylor) M. Choisy
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Rimelia reticulata*, *Parmelia reticulata*, *Parmotrema leucosemethetum*, fide Elix McCarthy (1998)
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, San Cristóbal, Santa Cruz.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
384. *Parmotrema subisidiosum* (Müll. Arg.) Hale
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Rimelia subisidiosa*
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Unknown.
385. *Parmotrema tinctorum* (Despr. ex Nyl.) Hale
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Parmelia tinctorum*, fide Elix McCarthy (1998)
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago, Wolf.
References: Dodge, C.W. et al. (1936), Elix, J.A. et al. (1998), Weber, W.A. et al. (1981), Weber, W.A. et al. (1966), Weber, W.A. et al. (1986).
386. *Parmotrema ultralucens* (Krog) Hale
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Parmelia subcrinita*, fide Elix McCarthy (1998)
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Pinzón, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
387. *Parmotrema xanthinum* (Müll. Arg.) Hale
Taxon status: Taxonomic status unresolved or unrevised.
 Specimen in COLO (40757) not seen: Cavagnaro s.n., Pinzón, caldera rim, 300 m; F. Bungartz: needs verification
Galapagos Distribution: Unknown.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
388. *Peltigera dolichorrhiza* (Nyl.) Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.

- IUCN Red List:** Vulnerable.
Galapagos Distribution: Isabela.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
389. *Peltigera ulcerata* Müll. Arg.
Taxon status: Accepted name; taxon occurs in Galapagos.
 previously misidentified as *P. didactyla* (originally reported by Weber 1986 as *P. erumpens*, later re-identified as *P. spuria* and subsequently cited by Elix McCarthy as *P. didactyla*), the specimens are not tomentose and thus misidentifications of *P. ulcerata* Müll. Arg.
Origin: Native, Indigenous.
IUCN Red List: Critically Endangered.
Galapagos Distribution: Santa Cruz.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
390. *Peltula euploca* (Ach.) Poelt
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Heppia euploca*, fide Elix McCarthy (1998)
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Darwin, Floreana, Isabela, San Cristóbal, Santa Cruz, Santiago, Wolf.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
391. *Peltula impressa* (Vain.) Swinscow Krog
Taxon status: Identification not yet confirmed.
 material being revised by M. Schultz
Galapagos Distribution: Isabela, Santa Cruz.
392. *Peltula omphaliza* (Nyl.) Wetmore
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Española.
References: Kirk, P. (ed.) et al. (2010).
393. *Pertusaria hypothamnolica* Dibben
Taxon status: Identification not yet confirmed.
Galapagos Distribution: Isabela, Pinzón, Santa Cruz.
394. *Pertusaria pustulata* (Ach.) Duby
Taxon status: Identification not yet confirmed.
 In Weber (1986) probably as *Pertusaria bispora*
Galapagos Distribution: Isabela, Santa Cruz.
395. *Pertusaria tejocotensis* de Lesd.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Isabela, Pinta, Pinzón, Santa Cruz, Santa Fé, Santiago.
396. *Pertusaria texana* Müll. Arg.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago, Unknown.
397. *Pertusaria xanthodes* Müll. Arg.
Taxon status: Identification not yet confirmed.
Galapagos Distribution: Isabela, Santa Cruz.
398. *Peterjamesia circumscripta* (Taylor) D. Hawksw.
Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Sclerophytonomyces circumscripti* Cif. Tomas.; *Sclerophyton cricumscriptum* (Taylor) Zahlbr.

Origin: Native, Indigenous.

IUCN Red List: Least Concern.

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

References: Aptroot, A. et al. (2008).

399. *Phaeographis atromaculata* (A.W. Archer) A.W. Archer

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Phaeographis kalbii*, fide Bungartz et al. (2009)

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

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

References: Bungartz, F. et al. (2009).

400. *Phaeographis brasiliensis* (A. Massal.) Kalb Matthes-Leicht

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: San Cristóbal, Santa Cruz.

References: Kirk, P. (ed.) et al. (2010).

401. *Phaeographis decipiens* Müll. Arg.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Least Concern.

Galapagos Distribution: Isabela.

References: Bungartz, F. et al. (2009).

402. *Phaeographis dendritica* (Ach.) Müll. Arg.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Least Concern.

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

References: Bungartz, F. et al. (2009), Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).

403. *Phaeographis fusca* Staiger

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Least Concern.

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

References: Bungartz, F. et al. (2009).

404. *Phaeographis intricans* (Nyl.) Staiger

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Least Concern.

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

References: Bungartz, F. et al. (2009).

405. *Phaeographis leiogrammodes* (Kremp.) Müll. Arg.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

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

References: Bungartz, F. et al. (2009).

406. *Phaeographis lobata* (Eschw.) Müll. Arg.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Least Concern.

- Galapagos Distribution:** Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Bungartz, F. et al. (2009).
407. *Phaeographis major* (Kremp.) Lücking
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Santa Cruz, Santiago.
References: Bungartz, F. et al. (2009).
408. *Phaeographis punctiformis* (Eschw.) Müll. Arg.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Bungartz, F. et al. (2009).
409. *Phaeographis striata* Bungartz
Taxon status: Accepted name; taxon occurs in Galapagos.
 Holotype Bungartz 6606 (CDS 34826)
Origin: Native, Endemic.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, San Cristóbal.
References: Bungartz, F. et al. (2009).
410. *Phaeophyscia rubropulchra* (Degel.) Moberg
Taxon status: Identification not yet confirmed.
Galapagos Distribution: San Cristóbal.
411. *Phyllopsora intermediella* (Nyl.) Zahlbr.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Santa Cruz.
412. *Physcia aipolia* (A. Massal.) Zahlbr.
Taxon status: Accepted name; taxon occurs in Galapagos.
 F. Bungartz: In Weber (1986) and Elix McCarthy (1998) as *Physcia mexicana*, but this taxon is not included in Moberg (1990) The lichen genus *Physcia* in Central and South America. The Galapagos material has a medulla K+ yellow and therefore does not belong to *P. biziana* as which it previously has been misidentified.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz, Santa Fé, Santiago, Unknown.
References: Elix, J.A. et al. (1998), Moberg, R. et al. (1990), Weber, W.A. et al. (1986).
413. *Physcia atrostriata* Moberg
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago.
References: Moberg, R. et al. (1990).
414. *Physcia dubia* (Hoffm.) Lettau
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela.

415. *Phycia erumpens* Moberg
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Pinzón, Santa Cruz, Santiago.
416. *Phycia integrata* Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz.
417. *Phycia lobulata* Moberg
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Santa Cruz, Santiago.
418. *Phycia lopezii* Moberg
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santiago.
419. *Phycia poncinsii* Hue
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Pinzón, Santa Cruz.
420. *Phycia rolfii* Moberg
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Pinzón, Santa Cruz, Santiago.
421. *Phycia sinuosa* Moberg
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz, Santiago.
422. *Phycia solediosa* (Vain.) Lynge
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Fernandina, Floreana, Isabela, Pinzón, Santa Cruz, Santiago.
References: Dodge, C.W. et al. (1936), Elix, J.A. et al. (1998), Weber, W.A. et al. (1966), Weber, W.A. et al. (1986).
423. *Physma byrsinum* (Ach.) Müll. Arg.
Taxon status: Taxonomic status unresolved or unrevised.
F. Bungartz: doubtful ID; specimen not found in COLO, missing
Galapagos Distribution: Isabela.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
424. *Piccolia conspersa* (Fée) Hafellner
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Pinta, Santa Cruz.

425. *Placynthiella icmalea* (Ach.) Coppins P. James
Taxon status: Identification not yet confirmed.
Galapagos Distribution: Isabela.
426. *Polychidium muscicola* (Sw.) Gray
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
427. *Polychidium stipitatum* V?zda W.A. Weber
Taxon status: Identification not yet confirmed.
 F. Bungartz: Aptroot 64694 material needs verification
Galapagos Distribution: Santa Cruz.
428. *Porina atrocoerulea* Müll. Arg.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
429. *Porina cestrensis* (Tuck.) Müll. Arg. agg.
Taxon status: Identification not yet confirmed.
 F. Bungartz: a group of very similar species; material needs further studies.
Galapagos Distribution: Santa Cruz.
430. *Porina conspersa* Malme
Taxon status: Accepted name; taxon occurs in Galapagos.
 F. Bungartz R. Miranda: only one single fertile specimen in CDS, all others sterile and thus referred to *P. distans* (according to Lücking 2008).
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010), Lücking, R. et al. (2008).
431. *Porina cubana* V?zda
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
432. *Porina distans* V?zda Vivant
Taxon status: Accepted name; taxon occurs in Galapagos.
 F. Bungartz R. Miranda: the sterile material with coralloid isidia most likely belongs to *P. conspersa*, but since no perithecia could be found treated here according to Lücking (2008) as *P. distans*.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Pinzón, Santa Cruz.
References: Lücking, R. et al. (2008).
433. *Porina guentheri* (Flot.) Zahlbr.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Unknown.
434. *Porina leptalea* (Durieu Mont.) A.L. Sm.
Taxon status: Accepted name; taxon occurs in Galapagos.

- Origin:** Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
435. *Porina melanops* Malme
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Unknown.
436. *Porina nitidula* Müll. Arg.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
437. *Porina nucula* Ach.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
438. *Porina tetramera* (Malme) R. Sant.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
439. *Pseudocyphellaria argyracea* (Delise) Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Critically Endangered.
Galapagos Distribution: Pinzón, San Cristóbal, Santa Cruz.
References: Elix, J.A. et al. (1998), Galloway, D.J. et al. (1990), Weber, W.A. et al. (1986).
440. *Pseudocyphellaria aurata* (Ach.) Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Sticta aurata*, fide Elix McCarthy (1998)
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Fernandina, Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago.
References: Dodge, C.W. et al. (1936), Elix, J.A. et al. (1998), Farlow, W.G. et al. (1902), Weber, W.A. et al. (1966), Weber, W.A. et al. (1986).
441. *Pseudocyphellaria crocata* (L.) Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Pseudocyphellaria mougeotiana* var. *aurigera*, *Pseudocyphellaria xantholoma*, fide Elix McCarthy (1998)
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, San Cristóbal, Santa Cruz, Santiago.
References: Dodge, C.W. et al. (1936), Elix, J.A. et al. (1998), Galloway, D.J. et al. (1990), Weber, W.A. et al. (1966), Weber, W.A. et al. (1986).
442. *Pseudocyphellaria dozyana* (Mont. Bosch) D.J. Galloway
Taxon status: Accepted name; taxon occurs in Galapagos.

In Weber (1986) as *Pseudocyphellaria mougeotiana* var. *aurigera* (= ? *Pseudocyphellaria crocata*), fide Weber (1993)

Origin: Native, Questionable Endemic.

IUCN Red List: Vulnerable.

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

References: Elix, J.A. et al. (1998), Galloway, D.J. et al. (1985), Galloway, D.J. et al. (1990), Weber, W.A. et al. (1993), Weber, W.A. et al. (1986).

443. *Pseudopyrenula diluta* (Fée) Müll. Arg.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Least Concern.

Galapagos Distribution: Pinzón, Santa Cruz.

444. *Pseudopyrenula subnudata* Müll. Arg.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Pseudopyrenula subgregaria*, fide Elix McCarthy (1998)

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

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

References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1993).

445. *Psora nipponica* (Zahlbr.) Gotth. Schneid.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Psora novomexicana*, fide Elix McCarthy (1998), *Toninia novomexicana*: specimen in COLO (L-44020), Cavagnaro s.n., Pinzón, det. E. Timdal, 1990

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: Unknown.

References: Elix, J.A. et al. (1998).

446. *Psorotichia murorum* A. Massal.

Taxon status: Accepted name; taxon occurs in Galapagos.

First erroneously identified as *Psorotichia schaeferi* by M. Schultz in 2006.

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: Santa Cruz.

References: Schultz, M. et al. (2008).

447. *Pyrenographa irregularis* (Wehm.) R.C. Harris

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: ?*Pyrenographa xerophila* Aptroot (with submuriform spores, see comments in Harris 1995); *Phaeopeltosphaeria irregularis* Wehmeyer; Type. ECUADOR. Galapagos: South Seymour Island, on dead, decorticated wood of *Bursera graveolens*, 6 Sep 1945, Martin 6251 (NY, isotype).

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: Santa Cruz.

References: Aptroot, A. et al. (1991), Harris, R.C. et al. (1995), Martin, G.W. et al. (1948).

448. *Pyrenothrix nigra* Riddle

Taxon status: Identification not yet confirmed.

F. Bungartz R. Miranda: material needs to be re-examined.

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: Santa Cruz.

449. *Pyrenula* aff. *duplicans* sp. nov. ?

Taxon status: Unpublished name (Nomen nudum).

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: Santa Cruz.

450. *Pyrenula anomala* (Ach.) A. Massal.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela.
451. *Pyrenula aspistea* (Afzel.) Ach.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Specimen in COLO: Itow (L-40634), det. Aptroot, 1991; specimens in CDS identified by Aptroot as *P. aspistea* were misidentifications of *Pyrenula costaricensis*, fide annot. R. Miranda, 2010
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1993).
452. *Pyrenula astroidea* (Fée) R.C. Harris
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Parmentaria astroidea*, fide Elix McCarthy (1998)
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
453. *Pyrenula cerina* Eschw.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Pyrenula aurantiaca*, fide Elix McCarthy (1998)
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Fernandina, Floreana, Genovesa, Isabela, Marchena, Pinta, San Cristóbal, Santa Cruz, Santa Fé, Santiago.
References: Elix, J.A. et al. (1998), Farlow, W.G. et al. (1902), Weber, W.A. et al. (1966), Weber, W.A. et al. (1986).
454. *Pyrenula cf. acutispora* Kalb Hafellner
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
 F. Bungartz R. Miranda: spore measurements of material do not agree with *P. acutispora* s.str.
Origin: Native, Indigenous.
Galapagos Distribution: Unknown.
455. *Pyrenula cf. cuyabensis* (Malme) R.C. Harris
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
 Basionym: *Parathelium cuyabense* Malme
Origin: Native, Indigenous.
Galapagos Distribution: Unknown.
456. *Pyrenula cf. dermatodes* (Borrer) Schaer.
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
457. *Pyrenula concatervans* (Nyl.) R.C. Harris
Taxon status: Accepted name; taxon occurs in Galapagos.
 Specimens in COLO: Santa Cruz: Herre 41 (L-41177), Weber (L-40220), Itow (L-40728), Fernandina: Cavagnaro (L-40469), Floreana: Weber Lanier (L-62944)
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Pinzón, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1993).

458. *Pyrenula confinis* (Nyl.) R.C. Harris
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Santa Cruz.
459. *Pyrenula costaricensis* Müll. Arg.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: San Cristóbal, Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
460. *Pyrenula cruenta* (Mont.) Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Melanotheca cruenta*, fide Elix McCarthy (1998)
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
461. *Pyrenula cuyabensis* (Malme) R.C. Harris
Taxon status: Identification not yet confirmed.
Basionym: *Parathelium cuyabense* Malme
Galapagos Distribution: Santa Cruz.
462. *Pyrenula dermatodes* (Borrer) Schaer.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
463. *Pyrenula erumpens* R.C. Harris
Taxon status: Identification not yet confirmed.
Specimen in COLO: Santa Cruz, on *Pisonia*, Itow (L-40623), det. Aptroot, 1991
Galapagos Distribution: Unknown.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1993).
464. *Pyrenula macularis* (Zahlbr.) R.C. Harris
Taxon status: Accepted name; taxon occurs in Galapagos.
In Weber (1986) probably as *Anthracotheceum leucostomum*, fide A. Aptroot (pers. comm.)
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Pinzón, Santa Cruz.
References: Weber, W.A. et al. (1986).
465. *Pyrenula marginatula* Müll. Arg.
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Pyrenula caraibica* Aptroot Etayo
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Santiago.
References: Kirk, P. (ed.) et al. (2010).
466. *Pyrenula massariospora* (Starbäck) R.C. Harris
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Santa Cruz, Santiago.
References: Kirk, P. (ed.) et al. (2010).

467. *Pyrenula microcarpa* Müll. Arg.
Taxon status: Taxonomic status unresolved or unrevised.
 F. Bungartz R. Miranda: all specimens in CDS misidentifications; specimen in COLO not examined: Santa Cruz, on *Cordia lutea*, Darwin Station, Weber (L-40579), det. Aptroot, 1991, as *P. cinerea* (syn. of *P. microcarpa*)
Galapagos Distribution: Unknown.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1993).
468. *Pyrenula microtheca* R.C. Harris
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: non *Pyrenula microcarpa* Müll. Arg.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
469. *Pyrenula nitidula* (Bres.) R.C. Harris
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
470. *Pyrenula ochraceoflava* (Nyl.) R.C. Harris
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Anthracotheceum ochraceoflavum*, fide Elix McCarthy (1998), *Verrucaria ochraceoflava*, fide Index Fungorum
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Fernandina, Floreana, Genovesa, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago, Wolf.
References: Elix, J.A. et al. (1998), Stewart, A. et al. (1912), Weber, W.A. et al. (1966), Weber, W.A. et al. (1986).
471. *Pyrenula ochraceoflavens* (Nyl.) R.C. Harris
Taxon status: Accepted name; taxon occurs in Galapagos.
 F. Bungartz R. Miranda: very few specimens deviate sufficiently in spore size from *P. ochraceoflava* and the two taxa might refer to the same species.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
472. *Pyrenula quassiaecola* Fée
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
473. *Pyrenula subcongruens* Müll. Arg.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
474. *Pyrenula thelomorpha* Tuck.
Taxon status: Taxonomic status unresolved or unrevised.
 F. Bungartz R. Miranda: possibly misidentifications of *P. macularis*
Galapagos Distribution: Santa Cruz, Santiago.
References: Kirk, P. (ed.) et al. (2010).

475. *Pyrgidium montellicum* (Beltr.) Tibell
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
476. *Pyrgillus javanicus* Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Pinzón, Santa Cruz.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
477. *Pyrrhospora querneae* (Dicks.) Körb.
Taxon status: Identification not yet confirmed.
Galapagos Distribution: Floreana, Isabela, Pinta, Pinzón, San Cristóbal.
478. *Pyrrhospora sanguinolenta* (Kremp.) Rambold Hafellner
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela.
479. *Pyxine berteroana* (Fée) Imshaug
Taxon status: Accepted name; taxon occurs in Galapagos.
The spelling *P. berteriana* is an orthographical error, fide F. Bungartz
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
480. *Pyxine cocoës* (Sw.) Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
481. *Pyxine eschweileri* (Tuck.) Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago.
References: Weber, W.A. et al. (1986).
482. *Pyxine petricola* Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Pyxine pringlei*, fide A. Aptroot (pers. comm.)
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santa Fé, Santiago.
483. *Pyxine subcinerea* Stirt.
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Pyxine caesiopruinosa*, fide Elix McCarthy (1998), *Pyxine connectens*, fide A. Aptroot (pers. comm.)
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.

- Galapagos Distribution:** Isabela, Pinzón, Santa Cruz.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
484. *Ramalina anceps* Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago, Unknown.
References: Aptroot, A. et al. (2007), Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
485. *Ramalina aspera* Räsänen
Taxon status: Accepted name; taxon occurs in Galapagos.
 In Weber (1986) as *Ramalina denticulata*, fide A. Aptroot (pers. comm.)
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Genovesa, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago, Unknown.
References: Aptroot, A. et al. (2007), Weber, W.A. et al. (1986).
486. *Ramalina camptospora* Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Pinzón, Santa Cruz, Santiago.
References: Aptroot, A. et al. (2007).
487. *Ramalina complanata* Ach.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Ramalina indica* auct. non Fr., *Ramalina subasperata* auct. non Nyl., *Ramalina interponens* auct. non Nyl., *Ramalina subfraxinea* auct. non Nyl., fide Elix McCarthy (1998)
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Genovesa, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago, Unknown.
References: Aptroot, A. et al. (2007), Dodge, C.W. et al. (1936), Elix, J.A. et al. (1998), Farlow, W.G. et al. (1902), Stewart, A. et al. (1912), Weber, W.A. et al. (1981), Weber, W.A. et al. (1966), Weber, W.A. et al. (1986).
488. *Ramalina darwiniana* var. *curvida* Aptroot
Taxon status: Accepted name; taxon occurs in Galapagos.
 Holotype Aptroot 63029 (CDS 29757)
Origin: Native, Endemic.
IUCN Red List: Data Deficient.
Galapagos Distribution: Española, Floreana, Isabela, Santa Cruz.
References: Aptroot, A. et al. (2007).
489. *Ramalina darwiniana* var. *darwiniana* Aptroot Bungartz
Taxon status: Accepted name; taxon occurs in Galapagos.
 Holotype Aptroot, 64433 (CDS 31001)
Origin: Native, Endemic.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago, Unknown.
References: Aptroot, A. et al. (2007).
490. *Ramalina fragilis* Aptroot Bungartz
Taxon status: Accepted name; taxon occurs in Galapagos.
 Holotype Aptroot 63419 (CDS 30174); in Weber (1986) as *Niebla* sp. nov. ined.
Origin: Native, Endemic.

- IUCN Red List:** Vulnerable.
Galapagos Distribution: Española, Floreana, Isabela, Pinzón, San Cristóbal, Santa Fé.
References: Aptroot, A. et al. (2007), Weber, W.A. et al. (1986).
491. *Ramalina furcellangulida* Aptroot
Taxon status: Accepted name; taxon occurs in Galapagos.
 Holotype Aptroot 65029 (CDS 31611)
Origin: Native, Endemic.
IUCN Red List: Data Deficient.
Galapagos Distribution: Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago, Unknown.
References: Aptroot, A. et al. (2007).
492. *Ramalina montagnei* De Not.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago.
References: Aptroot, A. et al. (2007).
493. *Ramalina pacifica* Asah.
Taxon status: Taxonomic status unresolved or unrevised.
 F. Bungartz: some specimens of *R. solediantha* with more flattened lobes may belong to this species.
IUCN Red List: Not Evaluated.
Galapagos Distribution: Pinzón, San Cristóbal, Santa Cruz.
References: Aptroot, A. et al. (2007).
494. *Ramalina peruviana* Ach.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago, Unknown.
References: Aptroot, A. et al. (2007), Elix, J.A. et al. (1998), Weber, W.A. et al. (1981), Weber, W.A. et al. (1986).
495. *Ramalina polyforma* Aptroot
Taxon status: Accepted name; taxon occurs in Galapagos.
 Holotype Aptroot 63412 (CDS 30176)
Origin: Native, Endemic.
IUCN Red List: Vulnerable.
Galapagos Distribution: Española, Isabela, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago, Unknown.
References: Aptroot, A. et al. (2007).
496. *Ramalina puiggarii* Müll. Arg.
Taxon status: Accepted name; taxon occurs in Galapagos.
 In Weber (1986) as *Ramalina linearis*, fide Aptroot Bungartz (2007)
Origin: Native, Indigenous.
IUCN Red List: Near Threatened.
Galapagos Distribution: Española, Floreana, Isabela, San Cristóbal, Santa Cruz, Santiago.
References: Aptroot, A. et al. (2007), Dodge, C.W. et al. (1935), Dodge, C.W. et al. (1936), Weber, W.A. et al. (1966), Weber, W.A. et al. (1986).
497. *Ramalina sideriza* Zahlbr.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Genovesa, Isabela, San Cristóbal, Santa Cruz, Santa Fé, Santiago.

References: Aptroot, A. et al. (2007).

498. *Ramalina sorediantha* Nyl.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Least Concern.

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

References: Aptroot, A. et al. (2007), Elix, J.A. et al. (1998), Weber, W.A. et al. (1981), Weber, W.A. et al. (1986).

499. *Ramalina sorediosa* (de Lesd.) Landrón

Taxon status: Accepted name; taxon occurs in Galapagos.

In Weber (1986) as *Ramalina furcellata*, fide Aptroot Bungartz (2007); In Stewart (1912) Weber (1966, 1981) as *Ramalina farinacea*; In Dodge (1936) Weber (1966) as *Ramalina dasypoga*

Origin: Native, Indigenous.

IUCN Red List: Least Concern.

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

References: Aptroot, A. et al. (2007), Dodge, C.W. et al. (1936), Stewart, A. et al. (1912), Weber, W.A. et al. (1981), Weber, W.A. et al. (1966), Weber, W.A. et al. (1986).

500. *Ramalina usnea* (L.) R. Howe

Taxon status: Accepted name; taxon occurs in Galapagos.

In Stewart (1912) and Linder (1934) as *Alectoria sarmentosa*, fide Weber (1966)

Origin: Native, Indigenous.

IUCN Red List: Least Concern.

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

References: Aptroot, A. et al. (2007), Dodge, C.W. et al. (1936), Elix, J.A. et al. (1998), Linder, D.H. et al. (1934), Stewart, A. et al. (1912), Weber, W.A. et al. (1981), Weber, W.A. et al. (1966), Weber, W.A. et al. (1986).

501. *Ramonia valenzueliana* (Mont.) Stizenb.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: Isabela, Santa Cruz.

502. *Rhizonema* sp.

Taxon status: Accepted name; taxon occurs in Galapagos.

Galapagos Distribution: Santa Cruz.

503. *Rinodina olea* Bagl.

Taxon status: Accepted name; taxon occurs in Galapagos.

Specimen of 'Buellia myriocarpa' FH 1108 (00197447) identified by J.W. Sheard, 2009 as *R. olea*.

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: Unknown.

504. *Roccella albida* Tehler

Taxon status: Accepted name; taxon occurs in Galapagos.

Holotype Tehler 8653 (CDS 40614)

Origin: Native, Endemic.

IUCN Red List: Endangered.

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

References: Tehler, A. et al. (2009).

505. *Roccella galapagoensis* Follmann

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Roccella geniculata*, *R. glebaria*, fide Tehler et al. (2009); Holotype: Galápagos, South Plaza

Island, abundant on seaward vertical sides of boulders on highest points (S side), ca. 50 ft elev., 1964, W.A. Weber L-39130, Lichenes Exsiccati no. 112; Isotypes: COLO-184895, 186050, UPS, M-0024655, H, S-L21409

Origin: Native, Endemic.

IUCN Red List: Least Concern.

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

References: Elix, J.A. et al. (1998), Tehler, A. et al. (2009), Weber, W.A. et al. (1981), Weber, W.A. et al. (1986).

506. *Roccella gracilis* Bory

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Roccella babingtonii*, *R. peruensis*, *R. difficilis*, fide Tehler (2002) and Tehler et al. (2009)

Origin: Native, Indigenous.

IUCN Red List: Least Concern.

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

References: Darbishire, O.V. et al. (1935), Dodge, C.W. et al. (1935), Dodge, C.W. et al. (1936), Elix, J.A. et al. (1998), Farlow, W.G. et al. (1902), Stewart, A. et al. (1912), Tehler, A. et al. (2009), Tehler, A. et al. (2002), Weber, W.A. et al. (1981), Weber, W.A. et al. (1966), Weber, W.A. et al. (1986).

507. *Roccella margaritifera* B. Werner Follmann

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Roccella octopodioides*, fide Tehler et al. (2009); Holotype: Galápagos, San Cristóbal Island, Lobería Pto. Baquerizo, 1991, Sánchez-Pinto 6616 (B-128629), TFMC

Origin: Native, Indigenous.

IUCN Red List: Least Concern.

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

References: Tehler, A. et al. (2009).

508. *Roccella nigerrima* (Darb.) Follmann

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Rocellodea nigerrima*, fide Tehler et al. (2008); Lectotype selected by Tehler (2007): Galápagos Islands, 1872, Hill s.n. (FH)

Origin: Native, Indigenous.

IUCN Red List: Least Concern.

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

References: Tehler, A. et al. (2009).

509. *Sarcographa medusulina* (Nyl.) Müll. Arg.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: Isabela, Santa Cruz.

References: Kirk, P. (ed.) et al. (2010).

510. *Sarcographa ramificans* (Kremp.) Staiger

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: Santa Cruz.

References: Bungartz, F. et al. (2009).

511. *Sarcographa tricola* (Ach.) Müll. Arg.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

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

- References:** Bungartz, F. et al. (2009).
512. *Schismatomma spierii* Aptroot Sparrius
Taxon status: Accepted name; taxon occurs in Galapagos.
 Holotype Aptroot 65014 (CDS 31595)
Origin: Native, Endemic.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santa Fé, Santiago.
513. *Schistophoron tenue* Stirt.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Near Threatened.
Galapagos Distribution: Pinta, Santa Cruz.
References: Elix, J.A. et al. (1998), Tehler, A. et al. (2009), Weber, W.A. et al. (1981), Weber, W.A. et al. (1986).
514. *Schistophoron variabile* Tibell
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Regionally Extinct.
Galapagos Distribution: Española, Floreana, Santa Cruz.
515. *Sclerococcum sp. 1*
Taxon status: Taxon not identified to species, subspecies, form or variety.
 Index Fungorum: anamorphic Pezizomycotina
Galapagos Distribution: San Cristóbal, Santa Cruz.
516. *Sclerophyton murex* Egea Torrente ex Sparrius
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santa Fé, Santiago, Unknown.
References: Aptroot, A. et al. (2008).
517. *Sclerophyton vertex* Sparrius
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, Santa Cruz, Santiago.
References: Aptroot, A. et al. (2008).
518. *Sigridea leptothallina* (Malme) Tehler
Taxon status: Accepted name; taxon occurs in Galapagos.
 The spelling in Index Fungorum is incorrect, the correct name is *Sigridea leptothallina* [Tehler, A. 1993. The genus *Sigridea* [Roccellaceae, Arthoniales, Euascomycetes. *Nova Hedwigia* 57(3-4): 417-435]
Origin: Native, Indigenous.
IUCN Red List: Vulnerable.
Galapagos Distribution: Isabela, San Cristóbal, Santa Fé.
References: Aptroot, A. et al. (2008).
519. *Sphinctrina leucopoda s.l.* Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Sphinctrina podocarpa*, fide A. Aptroot (pers. comm.)
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Fé.

520. *Sphinctrina tubiformis* A. Massal.
Taxon status: Accepted name; taxon occurs in Galapagos.
 In Index Fungorum as *Sphinctrina tubiformis*
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Pinta, Santiago.
521. *Spilonema revertens* Nyl.
Taxon status: Identification not yet confirmed.
Galapagos Distribution: Santa Cruz.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
522. *Sporopodium aff. phyllocharis* (Mont.) A. Massal.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
523. *Sporopodium leprieurii* Mont.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
524. *Staurothele lecideoides* de Lesd.
Taxon status: Identification not yet confirmed.
 material examined by Breuss, morphologically identical to *S. lecideoides*, but no mature perithecia found, perithecia contain hymenial algae
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Unknown.
525. *Stereocaulon azulense* Yoshim. W.A. Weber
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Marchena, San Cristóbal, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
526. *Stereocaulon microcarpum* Müll. Arg.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1981), Weber, W.A. et al. (1986).
527. *Stereocaulon weberi* I.M. Lamb
Taxon status: Accepted name; taxon occurs in Galapagos.
 Holotype in FH
Origin: Native, Endemic.
IUCN Red List: Near Threatened.
Galapagos Distribution: Isabela, Santa Cruz, Santiago.
References: Lamb, I.M. et al. (1977), Weber, W.A. et al. (1981), Weber, W.A. et al. (1986).
528. *Sticta beauvoisii* Delise
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Near Threatened.
Galapagos Distribution: Floreana, Isabela, San Cristóbal, Santa Cruz, Santiago.
References: Kirk, P. (ed.) et al. (2010), McDonald, T. et al. (2003).

529. *Sticta carolinensis* T. McDonald
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Near Threatened.
Galapagos Distribution: Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz.
References: Kirk, P. (ed.) et al. (2010), McDonald, T. et al. (2003).
530. *Sticta damicornis* (Sw.) Ach.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Index Fungorum: the species epithet was originally published a 'damaecornis'.
Origin: Native, Indigenous.
IUCN Red List: Critically Endangered.
Galapagos Distribution: Santa Cruz.
531. *Sticta dichotoma s.l.* Delise
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Near Threatened.
Galapagos Distribution: Isabela, Santa Cruz.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1966).
532. *Sticta fuliginosa* (Dicks.) Ach.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), McDonald, T. et al. (2003), Weber, W.A. et al. (1986).
533. *Sticta weigeli* (Ach.) Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
 In Stewart (1912) as *Sticta quercizans*, fide Weber (1966); In Weber (1966) as *Sticta weigeli* var. *peruviana*; Syn.: *Sticta quercizans*, fide Elix McCarthy (1998), *Stictina quercizans*, fide Index Fungorum
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Farlow, W.G. et al. (1902), Stewart, A. et al. (1912), Weber, W.A. et al. (1966), Weber, W.A. et al. (1986).
534. *Strigula cf. oblecta* (Vain.) R. C. Harris
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
Origin: Native, Indigenous.
Galapagos Distribution: Unknown.
535. *Strigula microspora* Lücking
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
536. *Strigula nitidula* Mont.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Specimen in COLO: Santa Cruz: on leaves of *Eugenia jambos*, along trail to Horneman place just above Bellavista, 64131 p.p. (with *Byssoloma subdiscordans*), det. Vezda; F. Bungartz: specimen not seen!
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Unknown.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).

537. *Strigula phaea* (Ach.) R.C. Harris
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
538. *Strigula smaragdula* Fr.
Taxon status: Accepted name; taxon occurs in Galapagos.
 F. Bungartz R. Miranda: specimen material identified by R. Lücking very poor.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
539. *Strigula subtilissima* (Fée) Müll. Arg.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Specimen in COLO: Santa Cruz: on leaves of *Eugenia jambos*, along trail to Horneman place just above Bellavista, 64131 p.p. (with *Byssoloma subdiscordans*), det. Vezda, F. Bungartz: specimen not seen!
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Unknown.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
540. *Strigula viridiseda* (Nyl.) R.C. Harris
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, San Cristóbal.
References: Kirk, P. (ed.) et al. (2010).
541. *Synalissa mattogrossensis* (Malme) Henssen
Taxon status: Accepted name; taxon occurs in Galapagos.
 material confirmed by M. Schultz
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Unknown.
542. *Syncesia farinacea* (Fée) Tehler
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Chiodecton farinaceum*
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Pinta, Pinzón, Santa Cruz, Santa Fé, Santiago.
References: Aptroot, A. et al. (2008).
543. *Syncesia graphica* (Fr.) Tehler
Taxon status: Accepted name; taxon occurs in Galapagos.
 In Weber (1986) as *Chiodecton myrticola*, fide A. Aptroot (pers. comm.)
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago.
References: Aptroot, A. et al. (2008), Weber, W.A. et al. (1986).
544. *Syncesia leprobola* Nyl. ex Tehler
Taxon status: Accepted name; taxon occurs in Galapagos.
 In Weber (1986) as *Chiodecton farinaceum*, fide A. Aptroot (pers. comm.)
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santa Fé,

Santiago.

References: Aptroot, A. et al. (2008), Weber, W.A. et al. (1986).

545. *Syncesia psaroleuca* (Nyl.) Tehler

Taxon status: Accepted name; taxon occurs in Galapagos.

In Weber (1986) as *Chiodecton effusum*, fide A. Aptroot (pers. comm.)

Origin: Native, Indigenous.

IUCN Red List: Least Concern.

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

References: Aptroot, A. et al. (2008), Weber, W.A. et al. (1986).

546. *Taeniolella* sp. 1

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

Index Fungorum: anamorphic Glyphium

Galapagos Distribution: Isabela, Santa Cruz.

547. *Tapellaria epiphylla* (Müll. Arg.) R. Sant.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: San Cristóbal, Santa Cruz, Santiago.

References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).

548. *Tapellaria granulosa* Lücking Rivas Plata

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: Santa Cruz.

549. *Tapellaria malmei* R. Sant.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: Santa Cruz.

References: Kirk, P. (ed.) et al. (2010).

550. *Tapellaria nana* (Fée) R. Sant.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: Santa Cruz.

References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).

551. *Tapellaria nigrata* (Müll. Arg.) R. Sant.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: San Cristóbal, Santa Cruz.

References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).

552. *Tapellaria phyllophila* (Stirt.) R. Sant.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Data Deficient.

Galapagos Distribution: Santa Cruz.

References: Kirk, P. (ed.) et al. (2010).

553. *Teloschistes chrysophthalmus* (L.) Th. Fr.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

IUCN Red List: Vulnerable.

Galapagos Distribution: Isabela.

554. *Teloschistes flavicans* (Sw.) Norman
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago, Wolf.
References: Dodge, C.W. et al. (1936), Elix, J.A. et al. (1998), Farlow, W.G. et al. (1902), Stewart, A. et al. (1912), Weber, W.A. et al. (1981), Weber, W.A. et al. (1966), Weber, W.A. et al. (1986).
555. *Tephromela atra* (Huds.) Hafellner
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Lecanora atra*, fide Elix McCarthy (1998)
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
556. *Thalloloma cinnabarinum* (Fée) Staiger
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Endangered.
Galapagos Distribution: Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Bungartz, F. et al. (2009).
557. *Thamnozia vermicularis* (Sw.) Ach. ex Schaer.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
558. *Thelenella inductula* (Nyl.) H. Mayrhofer
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela.
559. *Thelenella muscorum* (Fr.) Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela.
560. *Thelenella sastreana* R. C. Harris
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Unknown.
561. *Thelopsis isiaca* Stitzenb.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Santa Cruz.
562. *Thelopsis rubella* Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.

563. *Thelotrema monosporum* Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Isabela.
References: Kirk, P. (ed.) et al. (2010).
564. *Thelotrema pachysporum* Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz.
565. *Trapelia cf. glaucopholis* (Nyl.) Printzen McCune
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
Galapagos Distribution: Santa Cruz.
566. *Trapelia coarctata* (Turner ex Sm.) M. Choisy
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
567. *Trapelia involuta* (Taylor) Hertel
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Santa Cruz, Santiago.
568. *Trapelia placodioides* Coppins P. James
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz.
569. *Trapeliopsis cf. granulosa* (Hoffm.) Lumbsch
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
Galapagos Distribution: Santa Cruz.
570. *Trapeliopsis flexuosa* (Fr.) Coppins P. James
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Santiago.
571. *Trapeliopsis glaucopholis* (Nyl.) Printzen McCune
Taxon status: Identification not yet confirmed.
 F. Bungartz: material needs verification
Galapagos Distribution: Santa Cruz.
572. *Trapeliopsis granulosa* (Hoffm.) Lumbsch
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Lecidea granulosa*, fide Elix McCarthy (1998); specimen in COLO (63337), Santa Cruz, on plant debris, saddle between El Puntudo and Cerro Crocker, 700 m
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Santa Cruz.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
573. *Tricharia melanothrix* Fée
Taxon status: Identification not yet confirmed.
Galapagos Distribution: Santa Cruz.

574. *Tricharia vainioi* R. Sant.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.
575. *Trichothelium epiphyllum* Müll. Arg.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Unknown.
576. *Trypethelium aeneum* (Eschw.) Zahlbr.
Taxon status: Accepted name; taxon occurs in Galapagos.
 F. Bungartz: material needs verification
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Isabela, Santiago.
577. *Trypethelium aff. marcidum* (Fée) Müll. Arg.
Taxon status: Taxonomic status unresolved or unrevised.
 F. Bungartz R. Miranda: specimens with different chemistry and spore size from *T. marcidum* s.str.
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
578. *Trypethelium eluteriae* Spreng.
Taxon status: Accepted name; taxon occurs in Galapagos.
 F. Bungartz: specimens confirmed by R. Miranda R. Lücking
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
579. *Trypethelium nitidiusculum* (Nyl.) R.C. Harris
Taxon status: Taxonomic status unresolved or unrevised.
 F. Bungartz R. Miranda: According to Harris (1995) *Trypethelium ochroleucum* and *Astrothelium variosolum* are identical in all characters but their stromata formation; *Trypethelium nitidiusculum* is identical to *Trypethelium ochroleucum* in all characters but the presence of lichexanthone. It is possible that all three taxa refer to one variable species only.
Galapagos Distribution: Isabela, Pinzón, Santa Cruz.
References: Harris, R.C. et al. (1995).
580. *Trypethelium ochroleucum* (Eschw.) Nyl.
Taxon status: Taxonomic status unresolved or unrevised.
 F. Bungartz R. Miranda: According to Harris (1995) *Trypethelium ochroleucum* and *Astrothelium variosolum* are identical in all characters but their stromata formation; *Trypethelium nitidiusculum* is identical to *Trypethelium ochroleucum* in all characters but the presence of lichexanthone. It is possible that all three taxa refer to one variable species only.
Galapagos Distribution: Fernandina, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Harris, R.C. et al. (1995), Weber, W.A. et al. (1986).
581. *Trypethelium refertum* Stirt.
Taxon status: Taxonomic status unresolved or unrevised.
 F. Bungartz: specimen annotated by R. Miranda as *Polymeridium refertum*"
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz.

582. *Trypethelium tropicum* (Ach.) Müll. Arg.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
583. *Tylophorella pyrenocarpoides* (Müll. Arg.) Egea
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santa Cruz, Santa Fé.
584. *Tylophoron cf. protrudens* Nyl.
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
 F. Bungartz: Identification problematic; specimens need TLC, spot tests: C+ red, but UV-
Galapagos Distribution: Isabela, Pinta, Santa Cruz, Santiago.
585. *Tylophoron galapagoense* Bungartz, Ertz, Diederich Tibell
Taxon status: Accepted name; taxon occurs in Galapagos.
 Holotype Ertz 11794 (CDS 37153)
Origin: Native, Endemic.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Pinta, Pinzón, Santa Cruz, Santiago.
References: Ertz, D. et al. (2011).
586. *Tylophoron hibernicum* (D. Hawksw., Coppins P. James) Ertz, Diederich, Bungartz Tibell
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Fernandina, San Cristóbal, Santa Cruz.
References: Ertz, D. et al. (2011).
587. *Tylophoron moderatum* Nyl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz, Santiago.
588. *Usnea angulata* Ach.
Taxon status: Accepted name; taxon occurs in Galapagos.
 In Weber (1981, 1986) and Elix McCarthy (1998) as *Usnea paradoxa*; no recent specimens; all
 collections from before 1972, presumed extinct!
Origin: Native, Indigenous.
IUCN Red List: Regionally Extinct.
Galapagos Distribution: Santa Cruz.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1981), Weber, W.A. et al. (1986).
589. *Usnea baileyi* (Stirt.) Zahlbr.
Taxon status: Accepted name; taxon occurs in Galapagos.
 In Weber (1986) as *Usnea antillarum*, fide A. Aptroot (pers. comm.)
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Fernandina, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santa Fé,
 Santiago.
590. *Usnea brattiae* P. Clerc
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela.

591. *Usnea cf. bornmuelleri* J. Steiner
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Not Evaluated.
Galapagos Distribution: Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz.
592. *Usnea cirrosa (classical)* Motyka
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Floreana, Isabela, Pinzón, San Cristóbal, Santa Cruz.
593. *Usnea cirrosa (hirto-cirrosa)* Motyka
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Floreana, Isabela, Pinzón, San Cristóbal, Santa Cruz, Santiago.
594. *Usnea columbiana* Motyka
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela.
595. *Usnea cornuta* Körb.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
596. *Usnea dorogawensis* Asahina
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Unknown.
References: Truong, C. et al. (2011).
597. *Usnea erinacea* Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Floreana, Pinzón.
References: Truong, C. et al. (2011).
598. *Usnea galapagona* Truong P.Clerc
Taxon status: Accepted name; taxon occurs in Galapagos.
Holotype Clerc 08-405 (CDS 40259)
Origin: Native, Endemic.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Pinta, San Cristóbal, Santa Cruz.
References: Lumbsch, H.T. et al. (2010).
599. *Usnea grandisora* Truong P. Clerc ined.
Taxon status: Accepted name; taxon occurs in Galapagos.
Holotype Truong 1122 (CDS 34933)
Origin: Native, Endemic.
Galapagos Distribution: Santa Cruz.
References: Truong, C. et al. (2011).
600. *Usnea hirta ssp. trachista* (Motyka) P. Clerc
Taxon status: Accepted name; taxon occurs in Galapagos.

- Origin:** Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, San Cristóbal.
601. *Usnea mexicana* Vain.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Erronously reported as *Usnea longissima*, *U. amabilis* or *U. arthroclada* by Farlow (1902), Stewart (1912), Weber (1966, 1986), Elix McCarthy (1998)
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Floreana, Isabela, Pinta, Pinzón, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Farlow, W.G. et al. (1902), Stewart, A. et al. (1912), Weber, W.A. et al. (1966), Weber, W.A. et al. (1986).
602. *Usnea parvula* Motyka
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela.
603. *Usnea poliotrix* Kremp.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Unknown.
References: Truong, C. et al. (2011).
604. *Usnea rubicunda* Stirt.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Usnea rubiginosa*, fide Elix McCarthy (1998), *U. rubiginosa*, fide Index Fungorum; In Farlow (1902), Stewart (1912) and Weber (1966) as *Usnea ceratina*
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Fernandina, Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santa Fé, Santiago.
References: Elix, J.A. et al. (1998), Farlow, W.G. et al. (1902), Stewart, A. et al. (1912), Truong, C. et al. (2011), Weber, W.A. et al. (1966), Weber, W.A. et al. (1986).
605. *Usnea subcornuta* Stirt.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Pinzón, San Cristóbal, Santa Cruz.
606. *Usnea subdasaea* Truong P. Clerc ined.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Holotype Truong 1194 (CDS 39595)
Origin: Native, Indigenous.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz.
References: Truong, C. et al. (2011).
607. *Usnea subscabrosa* Nyl. ex Motyka
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, Santa Cruz.
608. *Vainionora sp. nov.*
Taxon status: Unpublished name (Nomen nudum).
Origin: Native, Endemic.
IUCN Red List: Data Deficient.

- Galapagos Distribution:** Santa Cruz.
609. *Verrucaria cf. pinguicula* A. Massal.
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
Galapagos Distribution: Isabela, Santa Cruz.
610. *Verrucaria inficiens* Breuss
Taxon status: Accepted name; taxon occurs in Galapagos.
 material confirmed by O. Breuss
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Santiago.
611. *Verrucaria polysticta* Borrer
Taxon status: Identification not yet confirmed.
Galapagos Distribution: Isabela, Santiago.
612. *Vouauxiomyces sp. 1*
Taxon status: Taxon not identified to species, subspecies, form or variety.
 Index Fungorum: anamorphic Abrothallus (Pezizomycotina)
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
613. *Xanthomendoza weberi* (S.Y. Kondr. Kärnefelt) L. Lindblom
Taxon status: Accepted name; taxon occurs in Galapagos.
 In Weber (1986) and Elix McCarthy (1998) as *Xanthoria candelaria*, fide F. Bungartz annotations,
 2006
Origin: Native, Indigenous.
IUCN Red List: Near Threatened.
Galapagos Distribution: Isabela, Santa Cruz, Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
614. *Xanthoparmelia congensis* (J. Steiner) Hale
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz, Santiago.
615. *Xanthoparmelia microspora* (Müll. Arg.) Hale
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
IUCN Red List: Data Deficient.
Galapagos Distribution: Floreana.
References: Elix, J.A. et al. (1998), Nash, T.H.III et al. (1995).
616. *Xanthoparmelia subramigera* (Gyeln.) Hale
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Parmelia subramigera*, fide Elix McCarthy (1998)
Origin: Native, Indigenous.
IUCN Red List: Least Concern.
Galapagos Distribution: Española, Floreana, Isabela, Pinzón, San Cristóbal, Santa Cruz, Santa Fé,
 Santiago.
References: Elix, J.A. et al. (1998), Weber, W.A. et al. (1986).
617. *Xylographa parallela* (Ach.) Fr.
Taxon status: Identification not yet confirmed.
 F. Bungartz: possibly misidentifications of *Pyrenographa irregularis* (Wehm.) R.C. Harris
Galapagos Distribution: Santa Cruz.
618. *Xylographa vitiligo* (Ach.) J.R. Laundon
Taxon status: Identification not yet confirmed.
 F. Bungartz: possibly misidentifications of *Pyrenographa irregularis* (Wehm.) R.C. Harris

Galapagos Distribution: Santa Cruz.

619. *cf. Baflavia flavescens* (Lücking) Lücking
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
Galapagos Distribution: Floreana, Santa Cruz.
620. *cf. Nadvornikia sp.*
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
Galapagos Distribution: Pinta.

Rejected Taxa:

1. *Acarospora citrina* (Taylor) Zahlbr. ex Rech. {?}

Misidentification for *A. chrysops*, fide K. Knudsen (pers. comm., 2007)
2. *Acarospora schleicheri* (Ach.) A. Massal.

Misidentification for *A. chrysops*, fide K. Knudsen (pers. comm., 2007)
3. *Alectoria sarmentosa* (Ach.) Ach.

Misidentifications of *Ramalina usnea*, fide Weber (1966) fide F. Bungartz annotations, 2009
4. *Anisomeridium anisolobum* (Müll. Arg.) Aptroot

F. Bungartz R. Miranda: probably all misidentifications of *A. leptospermum*; Syn.: *Ditremis anisoloba*, fide Elix McCarthy (1998); one specimen in COLO has not yet been revised (L-40404) det. Aptroot, 1991
5. *Arthonia parantillarum* Aptroot

Misidentifications of *A. antillarum*, fide Bungartz (2010)
6. *Arthopyrenia punctiformis* A. Massal.

F. Bungartz R. Miranda: specimens previously cited as *A. punctiformis* are based on misidentifications.
7. *Arthothelium spilomatoides* (Nyl.) Zahlbr.

Misidentification of *Arthothelium galapagoense*, fide Weber (1981)
8. *Buellia xanthinula* (Müll. Arg.) Malme

Misidentification of *Buellia straminea*, fide Weber (1986): 488; misidentification of *Buellia flavoareolata*, fide F. Bungartz annotations, 2009
9. *Calicium abietinum s.l.* Pers.

Possibly misidentifications of *Chaenothecopsis aff. savonica* fide Tibell (2010)
10. *Calicium hyperelloides* Nyl.

Possibly misidentifications of *C. robustellum* fide Tibell (2010)
11. *Caloplaca cirrochroa* (Ach.) Th. Fr.

Syn.: *Placodium cirrochroum*; misidentifications of *C. cf. cupulifera* fide U. Søchting
12. *Caloplaca elegans* (Link) Th. Fr.

Misidentifications of *Caloplaca isidiosa* fide U. Søchting, 2010
13. *Canoparmelia crozalsiana* (de Lesd.) Elix Hale

F. Bungartz: misidentifications, all specimens belong to *C. cf. raunkierii*
14. *Celothelium aciculiferum* (Nyl.) Vain.

F. Bungartz R. Miranda: misidentifications of *Celothelium dominicanum*.
15. *Chaenotheca brunneola* (Ach.) Müll. Arg.

L. Tibell: *Chaenothecopsis savonica s.l.*
16. *Chiodecton myrticola* Feé

Acc. name: *Synnesia myrticola*; Misidentification of *Synnesia psaroleuca*, fide F. Bungartz annotations, 2008

17. *Cladonia coccifera* agg. (L.) Willd.
F. Bungartz: misidentifications of *C. corymbosula*
18. *Cladonia furcata* f. *adspersa* (Flörke) Vain.
F. Bungartz: most likely misidentifications of *C. sphacelata*
19. *Cladonia macilentoides* Ahti Fleig
F. Bungartz A. Yáñez: misidentifications of *C. macilenta*
20. *Cladonia polycarpoides* Nyl.
Syn.: *Cladonia subcariosa*, fide Elix McCarthy (1998); Misidentification of *Cladonia* sp. nov., fide A. Aptroot (pers. comm.)
21. *Cladonia rangiferina* (L.) Weber ex F.H. Wigg.
F. Bungartz: the report in Hooker (1847) is most certainly not the arctic alpine *C. rangiferina*, but a similar species of reindeer lichens, most likely *C. confusa* f. *bicolor*
22. *Cladonia subulata* (L.) Weber ex F.H. Wigg.
F. Bungartz A. Yáñez: specimen in COLO (63520): Isabela, Cerro Azul, det. Thomson is misidentification of *Cladonia corniculata*
23. *Cladonia symphoriza* Nyl.
Misidentification of *Cladonia didyma*, fide F. Bungartz annotation, 2006
24. *Cryptothecia candida* (Kremp.) R. Sant.
F. Bungartz: all specimens previously identified as *C. candida* are UV+ bright orange and thus belong to *C. assimilis*
25. *Dictyonema moorei* (Nyl.) A. Henss.
previous reports are based on misidentifications of material that belongs to *D. membranaceum* s.l.
26. *Diploschistes aeneus* (Müll. Arg.) Lumbsch
F. Bungartz: the material previously identified as *D. aeneus* contains only gyrophoric acid and is therefore *D. badius*
27. *Diploschistes muscorum* (Scop.) R. Sant.
All specimens belong to *D. muscorum* ssp. *bartlettii*, fide F. Bungartz annotations 2009
28. *Diploschistes scruposus* (Schreb.) Norman
Misidentification of *Diploschistes cinereocaesius*, fide F. Bungartz annotations, 2009
29. *Dirina herrei* Zahlbr.
Acc. name: *Dirina paradoxa* ssp. *approximata*; Misidentification of *Synchesia psaroleuca*, *S. graphica* and *Dirina catalinariae* f. *catalinariae*, fide F. Bungartz annotations, 2008; Type not seen: Floreana, Post Office Bay, on smooth bark, coll. Herre
30. *Dirinaria aspera* (H. Magn.) D.D. Awasthi
Syn.: *Physcia aspera*, fide Elix McCarthy (1998); Misidentification of *Dirinaria applanata*, fide F. Bungartz annotation, 2008
31. *Endocarpon pallidellum* Ach.
O. Breuss: previous reports by Aptroot erroneous, based on misidentifications of several different *Endocarpon* species, *E. pusillum*, *E. nigromarginatum* *E. petrolepideum*
32. *Graphina virginea* (Eschw.) Müll. Arg.
Misidentification of *Diorygma poitaei*, fide Bungartz et al. (2009)
33. *Graphis chrysocarpa* (Raddi) Spreng.
Syn.: *Phaeographina chrysocarpa*, fide A. Aptroot (pers. comm.); Misidentification of *Graphis subchrysocarpa*, fide Bungartz et al. (2009); specimens in COLO: Weber (L- 40405, L- 43952)
34. *Graphis desquamescens* Fée
Misidentification of *Graphis adpressa* or *G. anfractuosa*, fide Bungartz et al. (2009)
35. *Graphis striatula* (Ach.) Spreng.

- Misidentification of *Graphis rimulosa*, fide Bungartz et al. (2009) and *Opegrapha graphidiza* s.l., fide F. Bungartz annotation, 2008
36. *Graphis subamylacea* Zahlbr.
Misidentification of *Graphis intricata*, fide Bungartz et al. (2009)
 37. *Haematomma puniceum* (Sw. ex Ach.) A. Massal.
Syn.: *Lecanora punicea*; Misidentification of *Haematomma persoonii*, fide F. Bungartz annotations, 2008
 38. *Heterodermia lepidota* Swinscow Krog
Misidentification of *Heterodermia antillarum*, fide F. Bungartz annot. 2006
 39. *Hypotrachyna laevigata* (Sm.) Hale
Specimens reported in previous versions of this online checklist as *H. laevigata* were examined with TLC by A. Yáñez; all Galapagos material contains alectoronic and alpha-colatolic acid and thus belongs to *H. explendens*.
 40. *Julella fallaciosa* (Stizenb. ex Arnold) R.C. Harris
 41. *Julella lactea* (A. Massal.) M.E. Barr
 42. *Lecanographa illecebrosula* (Müll. Arg.) Egea Torrente
Misidentification of *Lecanographa microcarpella*, fide Bungartz annotations, 2008
 43. *Lecanora conizaea* (Ach.) Nyl.
in *Lichenes Exsiccati*, Colorado, No. 138, Weber (1981): Incorrect, but no alternative identification available; name also used in specimen FH 197184 by W.A. Weber, misidentification of *Lecanora floridula*, fide F. Bungartz annotation, 2009
 44. *Lecanora helva* Stizenb.
Misidentifications based on a confusion with the very similar *L. leprosa*, fide Bungartz annotations 2008; Guderley (1999) erroneously states that *L. helva* grows in association with the endemic *L. schindleri*, but all specimens he annotated are identified as *L. leprosa*, not *L. helva*.
 45. *Lecanora subalbelina* Vain.
F. Bungartz: Erroneously cited in Guderley as: "Ecuador - Galapagos Islands: Eingang des Cotopaxi Nationalparks, 3.700 m alt., Aug 1995, R. Kricke s.n. (hb. Kricke)"; the Cotopaxi National Park is located on the Ecuadorian mainland and in Galapagos the highest volcano reaches approx. 1700 m alt.
 46. *Lecanora subimmersa* ssp. *ramboldii* Lumbsch Elix
 47. *Lecanora thysanophora* R.C. Harris
F. Bungartz: misidentifications of *Herpothallon granulare*
 48. *Lecidea flavoareolata* nom. nud.
No author in *Index Fungorum*; Zahlbruckner's *Cat. Lich. Univ.* 7: 362; rejected by Weber (1966)
 49. *Leprocaulon microscopicum* (Vill.) Gams
Misidentification of *Leprocaulon tenellum*, fide F. Bungartz annot. 2009
 50. *Leptogium isidiosellum* (Riddle) Sierk
Misidentification, all Galapagos material belongs to *L. millegranum*, the lobes are fusing and the isidia are coarsely granular, fide Bungartz (2008)
 51. *Lithothelium obtectum* (Müll. Arg.) Aptroot
F. Bungartz R. Miranda: misidentifications of *L. microsporum*; the unpublished "Galapagos specimen cited by Aptroot (2006) is *L. microsporum*"
 52. *Lobaria dissecta* (Sw.) Raeusch.
Misidentification of *Lobaria patinifera*, fide F. Bungartz annotations, 2008
 53. *Megalospora tuberculosa* (Fée) Sipman
reported in previous versions of this checklist, but later described as the new species: *Megalospora galapagoensis* Bungartz, Ziemmeck Lücking
 54. *Mycoporum pycnocarpoides* Müll. Arg.

55. *Niebla* sp. nov. ined.
Described by Aptroot Bungartz (2007) as *Ramalina fragilis*. The specimen mentioned by Weber (1986: 474) Sipman 63573 was not examined.
56. *Opegrapha graphidiza* s.l. Nyl.
Acc. name: *Opegrapha cactacearum* s.str. fide D. Ertz 2010
57. *Parmotrema peralbidum* (Hale) Hale
Misidentification of *Canoparmelia crozalsiana*, fide F. Bungartz annotations, 2007; Syn.: *Parmelia peralbida*, fide Elix McCarthy (1998)
58. *Peltigera didactyla* (With.) J.R. Laundon
Syn.: *Peltigera erumpens*, fide Elix McCarthy (1998); originally reported in Weber (1986) from Isabela (Sipman L-52) and Santa Cruz (L-40302, L-41144), the Santa Cruz specimens are not tomentose and thus misidentifications of *P. ulcerata* Müll. Arg.
59. *Pertusaria colobina* Tuck.
Type coll. by Rev. T. Hill, Hassler Expedition; Weber (1986: 490) regards this as doubtful, probably not coll. in Galapagos.
60. *Phaeophyscia hispidula* (Ach.) Moberg
Misidentification of *Hyperphyscia adglutinata*, fide A. Aptroot (pers. comm.)
61. *Phyllopsora furfuracea* Zahlbr.
Misidentifications of *P. intermediella*, fide Timdal 2010
62. *Physcia biziana* (A. Massal.) Zahlbr.
Acc. Name: *Physcia aipolia*, in Weber (1986) and Elix McCarthy (1998) as *Physcia mexicana*, fide A. Aptroot (pers. comm.); Galapagos material medulla K+ yellow!!!, F. Bungartz
63. *Physcia lacunculata* Müll. Arg.
All specimens have a black lower side and thus belong to *P. lobulata*, fide F. Bungartz
64. *Physcia mexicana* de Lesd.
F. Bungartz: probably all misidentification of *Physcia aipolia*, *P.* is not included in Moberg (1990).
65. *Placopsis cribellans* (Nyl.) Räsänen
Recorded by Lamb (1947) from the Hassler Expedition. Weber (1966: 196) was unable to find the specimen and agrees with P. James, that the material was not collected in Galapagos, since it is on quartzite.
66. *Polymeridium sulphurescens* (Müll. Arg.) R.C. Harris
F. Bungartz R. Miranda: erroneous identification of *Pseudopyrenula diluta*.
67. *Porina chlorotica* (Ach.) Müll. Arg.
F. Bungartz R. Miranda: previous reports based on misidentifications of *Strigula phaea*.
68. *Porina subinterstes* (Nyl.) Müll. Arg.
F. Bungartz R. Miranda: The specimen (Bungartz 8758) originally annotated by R. Miranda as *P. subinterstes* has wart-shaped to hemispherical perithecia and thus belongs to *P. melanops*.
69. *Porina tetracerae* (Ach.) Müll. Arg.
In Elix McCarthy (1998) erroneously cited from Galapagos (Weber 1993: 433), but the citation in Weber (1993) is from the Cocos Islands! Reports of the species in previous versions of this checklist were cited as rejected"; one single specimen in CDS (Aptroot 64623) annotated by R. Lücking as *P. tetracerae* is extremely poorly developed and lacks perithecia; the specimen is treated here as *P. distans* (= *P. cf. conspersa*)."
70. *Psoroglaena cubensis* Müll. Arg.
Psoroglaena cubensis auct. non Müll. Arg., fide Elix McCarthy (1998) syn. of *Flakea papillata*; misidentification of *Peltula omphaliza*, fide F. Bungartz annotation, 2009 (FH 197404)
71. *Pyrenula acutalis* R.C. Harris
F. Bungartz R. Miranda: all material previously identified as *P. acutalis* does not belong to that species.

72. *Pyrenula aff. septicollaris* (Eschw.) R.C. Harris
F. Bungartz R. Miranda: misidentifications.
73. *Pyrenula cocoës* Müll. Arg.
F. Bungartz R. Miranda: all previous reports based on misidentifications.
74. *Pyrenula cruentata* (Müll. Arg.) R.C. Harris
F. Bungartz R. Miranda: all specimens belong to *P. cruenta*.
75. *Pyrenula globifera* (Eschw.) Aptroot
F. Bungartz R. Miranda: previous reports based on misidentifications.
76. *Pyrenula pyrenuloides* (Mont.) R.C. Harris
COLO 192496 was identified by A. Aptroot as *P. pyrenuloides*, but is fide R. Miranda annot. 2010 refers to *P. thelomorpha*
77. *Pyrrhospora russula* (Ach.) Hafellner
F. Bungartz: All Galapagos material grows on rock, has a creamish white to yellowish thallus that conforms well with *P. sanguinolenta*.
78. *Pyxine caesiopruinosa* (Tuck.) Imshaug
Acc. name: *Pyxine subcinerea*, fide Elix McCarthy (1998)
79. *Ramalina australiensis* Nyl.
Misidentification of *Ramalina solediosa*, fide A. Aptroot (pers. comm.); Syn.: *Ramalina furcellata*, *Ramalina farinacea* auct. non Ach., *Ramalina dasypoga* auct. non Tuck.
80. *Ramalina denticulata* Nyl.
Misidentification of *Ramalina aspera*, fide A. Aptroot (pers. comm.)
81. *Ramalina farinacea* (L.) Ach.
Acc. name: *Ramalina australiensis*, fide Elix McCarthy (1998) misidentification of *Ramalina solediosa*, fide Aptroot (pers. comm.)
82. *Ramalina furcellata* (Mont.) Zahlbr.
Acc. name: *Ramalina australiensis*, fide Elix McCarthy (1998) misidentification of *Ramalina solediosa*, fide Aptroot Bungartz (2007)
83. *Ramalina linearis* R.H. Petersen M. Zang
Misidentification of *Ramalina puiggarii*, fide Aptroot Bungartz (2007) and of *R. complanata* and *R. sideriza* (FH specimens), fide F. Bungartz annotations, 2009
84. *Roccella lirellina* (Darb.) M. Choisy
Misidentification of *Roccella margaritifera* or *R. nigerrima* (*R. lirellina* is endemic to the coast of Peru), fide Tehler et al. (2008)
85. *Roccella portentosa* (Mont.) Darb.
Misidentification of various species in the *Roccella galapagoensis* agg., fide Tehler et al. (2009)
86. *Roccellina nigrocincta* Tehler
Wrong reference therefore rejected by Aptroot Sparrius (2008): Elix McCarthy (1998: 253) referring to Tehler (1983: 61) who does not mention the species
87. *Sticta filix* (Sw.) Nyl.
Misidentifications of *S. dichotoma* s.l.
88. *Sticta quercizans* Ach.
Misidentification for *Sticta weigeli*, fide Weber (1966); Acc. name: *Sticta weigeli*, fide Elix McCarthy (1998); Specimens in CAS: Isabela, Iguana Cove, Snodgrass Heller; Floreana, A. Stewart No. 400; Santa Cruz, NW-side, A. Stewart No. 401
89. *Sticta sylvatica* (Huds.) Ach.
Misidentification of *Sticta weigeli* and *Sticta fuliginosa*, fide F. Bungartz
90. *Syncesia effusa* (Fée) Tehler

- Syn.: *Chiodecton effusum*; F. Bungartz: all Galapagos specimens are misidentifications of *Cryptothecia assimilis*
91. *Syncesia flavescens* (Nyl.) Tehler
F. Bungartz: all Galapagos specimens are misidentifications of *Cryptothecia assimilis*
 92. *Teloschistes exilis* (Michx.) Vain.
Probably based on misidentifications of *Teloschistes flavicans*, fide Bungartz, 2009
 93. *Trypethelium tuberculosum* (Vain.) R.C. Harris
 94. *Usnea amabilis* Motyka
Misidentification; Weber (1986: 493) states that *U. longissima* reported by Stewart (1912) is *U. amabilis*, both IDs are misidentifications of *Usnea mexicana*, fide P. Clerc, M. de los Angeles, C. Truong annotations, 2008
 95. *Usnea antillarum* (Vain.) Zahlbr.
Misidentification of various different *Usnea* spp., fide Clerc, P. annotations 2008
 96. *Usnea arthroclada* Fée
Probably misidentification of *Usnea mexicana*, fide F. Bungartz
 97. *Usnea ceratina* Ach.
Misidentification of *Usnea rubicunda*, fide Elix McCarthy (1998)
 98. *Usnea cladocarpa* Fée
Misidentification of *Usnea* spp., fide P. Clerc, M. de los Angeles C. Truong annotations, 2008
 99. *Usnea dasy-poga* (Ach.) Röhl.
Misidentification of *Usnea* cf. *bornmuelleri* and *U. baileyi*, fide P. Clerc C. Truong annotations, 2008
 100. *Usnea longissima* Ach.
Misidentification for *U. mexicana*, fide P. Clerc, C. Truong M. de los Angeles Herrera Campos (pers. comm, 2008)
 101. *Usnea mirabilis* Motyka
Probably misidentifications of *Usnea rubicunda* fide C. Truong
 102. *Usnea paradoxa* (Zahlbr.) Motyka
Misidentification of *Usnea angulata*, fide P. Clerc C. Truong annotations, 2008 F. Bungartz, 2009 (FH 197301)
 103. *Usnea plicata* (L.) Weber ex F.H. Wigg.
Syn.: *Usnea dasy-poga* var. *plicata*; According to Weber (1986: 493) reported on the basis of scrappy specimens collected by J.H. Andersson and Charles Darwin" which do not resemble *U. plicata*."
 104. *Usnea rubiginea* (Michaux) A. Massal.
C. Truong: Galapagos specimens under the name *U. rubiginea* (Weber 1987) belonged to *U. erinacea*, *U. rubicunda* or *U. poliotrix*; this taxon cited by Weber is listed in Elix McCarthy (1998) as *Usnea rubicunda*.
 105. *Xanthoria candelaria* (L.) Th. Fr.
Misidentification of *Xanthomendoza weberi*, fide F. Bungartz annotations, 2006
 106. *Xanthoria cf. tenuiloba* L. Lindblom
Misidentification of *Xanthomendoza weberi*, fide F. Bungartz annotations, 2006

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