

CDF Checklist of Galapagos Sac fungi: mildews, molds, morels

Teresa Iturriaga

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Abstract

This Checklist of Galapagos Sac fungi: mildews, molds, morels includes a total of all 160 taxa reported from the Galapagos Islands. For each name, detailed information is provided: its Galapagos distribution in islands groups or bioregions generated from the specimen records, comments about the taxonomy (especially synonyms), the origin (native and introduced), taxon status (accepted vs. rejected records) and relevant literature references.

Introduction

This publication lists all species of Galapagos Sac fungi: mildews, molds, morels currently known.

Ascomycetes are fungi that reproduce by forming spores within a sac-like structure, the ascus. The majority of ascomycetes are small, inconspicuous fungi (yeasts or cup fungi), but a few macro-fungi are also included in this group (truffles, morels, etc.). A large part of the ascomycetes are typically lichenized.

This checklist of known non-lichenized ascomycetes from the Galapagos Islands is currently based on the sparse literature records available and a few recent field surveys on the central island of Santa Cruz.

These few records are by no means comprehensive and it is estimated that the current list represents less than 80% of the diversity of Galapagos Ascomycota.

Methods

This checklist of all known Galapagos Sac fungi: mildews, molds, morels is automatically generated using the online database of the Charles Darwin Foundation Galapagos Species Checklist.

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Species Checklists represent the synthesis of many different records: literature citations, data from previously unpublished reports (grey literature), specimen records of natural history collections located in Galapagos and all over the world.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

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

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

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

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

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

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

Results

Names of taxa included in this checklist: 160 (99 accepted, 47 unidentified taxon, 4 doubtful, 10 preliminary identification).

Origin of the taxa included: 13 accidental, 9 cultivated, 1 questionable accidental, 19 endemic, 19 indigenous, 1 questionable endemic.

1. *Acremonium larvarum* (Petch) W. Gams

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Tilachlidium larvarum* Petch

Origin: No Data.

Galapagos Distribution: Unknown.

References: Evans, Harry C. et al. (1982), Kirk, P. (ed.) et al. (2010).

2. *Actinocymbe* sp. 1

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

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

3. *Akanthomyces aculeatus* Lebert

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Evans, Harry C. et al. (1982), Kirk, P. (ed.) et al. (2010).

4. *Akanthomyces pistillariiformis* (Pat.) Samson & H.C. Evans

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Evans, Harry C. et al. (1982), Kirk, P. (ed.) et al. (2010).

5. *Alternaria brassicae* (Berk.) Sacc.
Taxon status: Accepted name; taxon occurs in Galapagos.
Index Fungorum: anamorphic Lewia
Origin: Introduced, Accidental.
Galapagos Distribution: San Cristóbal.
References: Kirk, P. (ed.) et al. (2010).
6. *Antennospora quadricornuta* (Cribb & J.W. Cribb) T.W. Johnson
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: Halosphaeria quadricornuta Cribb & J.W. Cribb
Origin: No Data.
Galapagos Distribution: Unknown.
References: Kirk, P. (ed.) et al. (2010), Kohlmeyer, J. et al. (1987).
7. *Aphanoascus keratinophilus* Punsola & Cano
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: Chrysosporium keratinophilum D. Frey ex J.W. Carmich.
Origin: No Data.
Galapagos Distribution: Unknown.
References: Ajello, L. et al. (1974.), Kirk, P. (ed.) et al. (2010).
8. *Arthroderma quadrifidum* C.O. Dawson & Gentles
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: No Data.
Galapagos Distribution: Unknown.
References: Ajello, L. et al. (1974.), Kirk, P. (ed.) et al. (2010).
9. *Ascobolus* sp.
Taxon status: Taxon not identified to species, subspecies, form or variety.
Origin: No Data.
Galapagos Distribution: Santa Cruz.
10. *Ascophanus argenteus* (Curr.) Boud.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: No Data.
Galapagos Distribution: Unknown.
References: Kirk, P. (ed.) et al. (2010), Martin, G.W. et al. (1948), Reid, D.A. et al. (1980).
11. *Asperisporium caricae* (Speg.) Maubl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Isabela, Santa Cruz.
12. *Beauveria amorpha* (Höhn.) Samson & H.C. Evans
Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Evans, Harry C. et al. (1982), Kirk, P. (ed.) et al. (2010).

13. *Beauveria bassiana* (Bals.-Criv.) Vuill.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Floreana, Santa Cruz.

14. *Belonidium sclerotii* A.L. Sm.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Kirk, P. (ed.) et al. (2010), Reid, D.A. et al. (1980).

15. *Bisporella* sp.

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

Origin: No Data.

Galapagos Distribution: Santa Cruz.

16. *Camillea obularia* (Fr.) Laessøe, J.D. Rogers & Lodge

Taxon status: Identification not yet confirmed.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

17. *Camillea sagrana* (Mont.) Berk. & M.A. Curtis

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Kirk, P. (ed.) et al. (2010), Reid, D.A. et al. (1980).

18. *Cercoseptoria* sp. 1

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

Index Fungorum: anamorphic Mycosphaerella

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

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

19. *Cercospora apii* Fresen.

Taxon status: Accepted name; taxon occurs in Galapagos.

Index Fungorum: anamorphic Mycosphaerella

Origin: Introduced, Cultivated.

Galapagos Distribution: Floreana, Isabela.

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

20. *Cercospora sp. 1*

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

Index Fungorum: anamorphic Mycosphaerella

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Kiener, L.C. et al. (1834-70).

21. *Cercospora sp. 2*

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

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

22. *Chaetothyrium sp. 1*

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

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

23. *Chlorociboria aeruginascens* (Nyl.) Kanouse ex C.S. Ramamurthi, Korf & L.R. Batra

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

24. *Chrysosporium tropicum* J.W. Carmich

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Ajello, L. et al. (1974.), Kirk, P. (ed.) et al. (2010).

25. *Cladosporium sphaerospermum* Penz.

Taxon status: Accepted name; taxon occurs in Galapagos.

Index Fungorum: anamorphic Davidiella

Origin: Native, Indigenous.

Galapagos Distribution: Isabela, Santa Cruz.

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

26. *Claviceps sp. 1*

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

Origin: No Data.

Galapagos Distribution: Santa Cruz.

27. *Coniothyrium sp. 1*

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

Index Fungorum: anamorphic Leptosphaeria

Origin: Native, Endemic.

Galapagos Distribution: Isabela.

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

28. *Cordyceps sp.*

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

Origin: No Data.

Galapagos Distribution: Santa Cruz.

29. *Corollospora trifurcata* (Höhnk) Kohlm.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Arenariomyces trifurcatus* Höhnk

Origin: No Data.

Galapagos Distribution: Unknown.

References: Kohlmeyer, J. et al. (1987).

30. *Corynespora sp. 1*

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

Index Fungorum: anamorphic *Corynesporasca*

Origin: Introduced, Accidental.

Galapagos Distribution: Isabela, San Cristóbal.

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

31. *Cosmospora rickii* (Rehm) Rossman & Samuels

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Nectria rickii* Rehm

Origin: No Data.

Galapagos Distribution: Unknown.

References: Kirk, P. (ed.) et al. (2010), Reid, D.A. et al. (1980).

32. *Ctenomyces serratus* Eidam

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Ajello, L. et al. (1974.), Kirk, P. (ed.) et al. (2010).

33. *Daldinia clavata* Henn.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

34. *Daldinia concentrica* (Bolton) Ces. & De Not.

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

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Reid, D.A. et al. (1980).

35. *Daldinia concentrica* var. *microspora* (Starbäck) Theiss.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: No Data.
Galapagos Distribution: Unknown.
References: Kirk, P. (ed.) et al. (2010), Reid, D.A. et al. (1980).
36. *Daldinia eschscholzii* (Ehrenb.) Rehm
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: No Data.
Galapagos Distribution: Santa Cruz.
37. *Dasyscyphus* sp.
Taxon status: Taxon not identified to species, subspecies, form or variety.
Origin: No Data.
Galapagos Distribution: Santa Cruz.
38. *Diccephalospora rufocornea* (Berk. & Broome) Spooner
Taxon status: Identification not yet confirmed.
Origin: No Data.
Galapagos Distribution: Santa Cruz.
39. *Eoaleurina foliicola* (Henn.) Korf & W.Y. Zhuang
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Jafneadelphus foliicola* (Henn.) Spooner
Origin: No Data.
Galapagos Distribution: Unknown.
References: Kirk, P. (ed.) et al. (2010), Reid, D.A. et al. (1980).
40. *Fusarium* cf. *oxysporum* Schltdl.
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
Index Fungorum: anamorphic *Gibberella*
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
41. *Fusarium coccophilum* (Desm.) Wollenw. & Reinking
Taxon status: Accepted name; taxon occurs in Galapagos.
Index Fungorum: anamorphic *Puttemansia*
Origin: No Data.
Galapagos Distribution: Floreana.
References: Kirk, P. (ed.) et al. (2010).
42. *Fusicoccum* sp. 1
Taxon status: Taxon not identified to species, subspecies, form or variety.
Index Fungorum: anamorphic *Diaporthe*

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

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

43. *Gibellula pulchra* Cavara

Taxon status: Identification not yet confirmed.

Origin: No Data.

Galapagos Distribution: Isabela, Santa Cruz.

44. *Glomerella cingulata* (Stoneman) Spauld. & H. Schrenk

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Cultivated.

Galapagos Distribution: Isabela.

45. *Gloniopsis praelonga* (Schwein.) Underw. & Earle

Taxon status: Identification not yet confirmed.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

46. *Gnomonia sp. 1*

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

Origin: Introduced, Cultivated.

Galapagos Distribution: Santa Cruz.

47. *Gymnoascus reessii* Baran.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Ajello, L. et al. (1974.), Kirk, P. (ed.) et al. (2010).

48. *Helicosporium guianense* Linder

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Kirk, P. (ed.) et al. (2010), Martin, G.W. et al. (1948), Reid, D.A. et al. (1980).

49. *Hirsutella besseyi* F.E. Fisher

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Evans, Harry C. et al. (1982), Kirk, P. (ed.) et al. (2010).

50. *Hirsutella darwinii* H.C. Evans & Samson

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Evans, Harry C. et al. (1982), Kirk, P. (ed.) et al. (2010).

51. *Hirsutella guyana* Minter & B.L. Brady

Taxon status: Identification not yet confirmed.

Index Fungorum: anamorphic Ophiocordyceps

Origin: No Data.

Galapagos Distribution: Santa Cruz.

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

52. *Hirsutella sp. 1*

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

Index Fungorum: anamorphic Ophiocordyceps

Origin: No Data.

Galapagos Distribution: Floreana, Santa Cruz.

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

53. *Hirsutella sphaerospora* H.C. Evans & Samson

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Evans, Harry C. et al. (1982), Kirk, P. (ed.) et al. (2010).

54. *Hymenoscyphus lasiopodius* (Pat.) Dennis

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Kirk, P. (ed.) et al. (2010), Reid, D.A. et al. (1980).

55. *Hypocrea cerebriformis* Berk.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Kirk, P. (ed.) et al. (2010), Reid, D.A. et al. (1980).

56. *Hypoxyton dieckmannii* Theiss.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Hypoxyton rubiginosum* var. *dieckmannii* (Theiss.) J.H. Mill.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Kirk, P. (ed.) et al. (2010), Reid, D.A. et al. (1980).

57. *Hypoxyton placentifforme* Berk. & M.A. Curtis

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

58. *Hypoxylon sclerophaeum* Berk. & M.A. Curtis

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Kirk, P. (ed.) et al. (2010), Reid, D.A. et al. (1980).

59. *Hysterium* sp.

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

Origin: No Data.

Galapagos Distribution: Isabela, Santiago.

60. *Hysterobrevium mori* (Schwein.) E. Boehm & C.L. Schoch

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Hysterographium mori* (Schwein.) Rehm

Origin: No Data.

Galapagos Distribution: Unknown.

References: Kirk, P. (ed.) et al. (2010), Martin, G.W. et al. (1948), Reid, D.A. et al. (1980).

61. *Iodophanus carneus* (Pers.) Korf

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Ascophanus carneus* (Pers.) Boud.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Kirk, P. (ed.) et al. (2010), Martin, G.W. et al. (1948), Reid, D.A. et al. (1980).

62. *Isaria farinosa* (Holmsk.) Fr.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Paecilomyces farinosus* (Holmsk.) A.H.S. Br. & G. Sm.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Evans, Harry C. et al. (1982), Kirk, P. (ed.) et al. (2010).

63. *Isaria* sp.

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

Origin: No Data.

Galapagos Distribution: Santa Cruz.

64. *Jafneadelphus tectipus* Spooner

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Kirk, P. (ed.) et al. (2010), Reid, D.A. et al. (1980).

65. *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.
66. *Kretzschmaria deusta* (Hoffm.) P.M.D. Martin
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Ustulina deusta* (Hoffm.) Lind
Origin: No Data.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010), Reid, D.A. et al. (1980).
67. *Kretzschmaria sp.*
Taxon status: Taxon not identified to species, subspecies, form or variety.
Origin: No Data.
Galapagos Distribution: Santa Cruz.
68. *Lachnum virgineum* (Batsch) P. Karst.
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Dasyscyphus virgineus* (Batsch) Gray
Origin: No Data.
Galapagos Distribution: Unknown.
References: Kirk, P. (ed.) et al. (2010), Reid, D.A. et al. (1980).
69. *Lecanicillium lecanii* (Zimm.) Zare & W. Gams
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Torrubiella confragosa* Mains
Syn.: *Verticillium lecanii* (Zimm.) Viégas
Origin: Introduced, Accidental.
Galapagos Distribution: San Cristóbal, Santa Cruz.
References: Evans, Harry C. et al. (1982).
70. *Lecanicillium muscarium* (Petch) Zare & W. Gams
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Accidental.
Galapagos Distribution: Santa Cruz.
71. *Lembosia sp. 1*
Taxon status: Taxon not identified to species, subspecies, form or variety.
Origin: Native, Questionable Endemic.
Galapagos Distribution: Santa Cruz.
72. *Leptosphaeria sacchari* Breda de Haan
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: No Data.

Galapagos Distribution: Unknown.

References: Kirk, P. (ed.) et al. (2010), Reid, D.A. et al. (1980).

73. *Lulworthia* sp.

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

Origin: No Data.

Galapagos Distribution: Unknown.

References: Kirk, P. (ed.) et al. (2010), Kohlmeyer, J. et al. (1987).

74. *Malbranchea* sp.

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

Origin: No Data.

Galapagos Distribution: Unknown.

References: Ajello, L. et al. (1974.), Kirk, P. (ed.) et al. (2010).

75. *Meliola* sp. 1

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

Origin: Native, Endemic.

Galapagos Distribution: San Cristóbal, Santa Cruz.

76. *Memmoniella echinata* (Rivolta) Galloway

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Kirk, P. (ed.) et al. (2010), Martin, G.W. et al. (1948), Reid, D.A. et al. (1980).

77. *Metarhizium anisopliae* (Metschn.) Sorokina

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Evans, Harry C. et al. (1982), Kirk, P. (ed.) et al. (2010).

78. *Metarhizium flavoviride* W. Gams & Rozsypal

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Evans, Harry C. et al. (1982), Kirk, P. (ed.) et al. (2010).

79. *Microsphaera diffusa* Cooke & Peck

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Floreana, San Cristóbal.

80. *Moelleriella epiphylla* (Masse) P. Chaverri & K.T. Hodge

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Hypocrella epiphylla* (Masse) Sacc.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Evans, Harry C. et al. (1982), Kirk, P. (ed.) et al. (2010).

81. *Mycosphaerella cruenta* Latham

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Cultivated.

Galapagos Distribution: Isabela.

82. *Mycosphaerella fijiensis* M. Morelet

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Cultivated.

Galapagos Distribution: San Cristóbal.

83. *Mycosphaerella heningsii* Sivan.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Cultivated.

Galapagos Distribution: Isabela.

84. *Mycosphaerella musicola* R. Leach ex J.L. Mulder

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Cultivated.

Galapagos Distribution: San Cristóbal.

85. *Mycosphaerella sp. 1*

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

Origin: Native, Indigenous.

Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz.

86. *Mycosphaerella tassiana* (De Not.) Johanson

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Cultivated.

Galapagos Distribution: Isabela.

87. *Mycovellosiella fulva* (Cooke) Arx

Taxon status: Accepted name; taxon occurs in Galapagos.

Index Fungorum: anamorphic *Mycosphaerella*

Origin: Introduced, Cultivated.

Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz.

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

88. *Mycovellosiella sidarum* (Petr. & Cif.) Deighton

Taxon status: Accepted name; taxon occurs in Galapagos.

Index Fungorum: anamorphic *Mycosphaerella*

Origin: Introduced, Accidental.

Galapagos Distribution: Santa Cruz.

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

89. *Mycovellosiella sp. 1*

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

Index Fungorum: anamorphic Mycosphaerella

Origin: Native, Endemic.

Galapagos Distribution: Floreana, Isabela, San Cristóbal.

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

90. *Nectria coccophila* (Tul. & C. Tul.) Wollenw. & Reinking

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Nectria flammea* (Tul. & C. Tul.) Dingley

Origin: No Data.

Galapagos Distribution: Unknown.

References: Evans, Harry C. et al. (1982), Kirk, P. (ed.) et al. (2010).

91. *Nectria pseudotrichia* (Schwein.) Berk. & M.A. Curtis

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Thyronectria pseudotrichia* (Schwein.) Seeler

Origin: No Data.

Galapagos Distribution: Unknown.

References: Kirk, P. (ed.) et al. (2010), Reid, D.A. et al. (1980).

92. *Nectria sp.*

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

Origin: No Data.

Galapagos Distribution: Santa Cruz.

93. *Neottiosporina sp. 1*

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

Index Fungorum: anamorphic Pezizomycotina

Origin: Native, Indigenous.

Galapagos Distribution: Isabela.

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

94. *Oidium conspersum* (Link) Linder

Taxon status: Accepted name; taxon occurs in Galapagos.

anamorphic state of *Botryobasidium conspersum* J. Erikss.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

95. *Oidium sp. 1*

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

Index Fungorum: anamorphic Erysiphe

Origin: Native, Endemic.

Galapagos Distribution: San Cristóbal.

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

96. *Orbilia* sp.

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

Origin: No Data.

Galapagos Distribution: Santa Cruz.

97. *Paecilomyces tenuipes* (Peck) Samson

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Evans, Harry C. et al. (1982), Kirk, P. (ed.) et al. (2010).

98. *Passalora boldoae* (N. Pons) U. Braun, Crous & N. Pons

Taxon status: Accepted name; taxon occurs in Galapagos.

Index Fungorum: anamorphic Mycosphaerella

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

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

99. *Passalora cf. iochromatis* (Pat.) U. Braun

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

Index Fungorum: anamorphic Mycosphaerella

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

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

100. *Passalora* sp. 1

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

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

101. *Passalora* sp. 2

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

Origin: Native, Endemic.

Galapagos Distribution: Floreana, Isabela, Santa Cruz.

102. *Periconia byssoides* (Petch) Samson, W. Gams & H.C. Evans

Taxon status: Accepted name; taxon occurs in Galapagos.

Index Fungorum: anamorphic Pleosporales

Origin: Native, Indigenous.

Galapagos Distribution: Isabela.

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

103. *Periconia manihoticola* (Vincens) Viégas

Taxon status: Accepted name; taxon occurs in Galapagos.

Index Fungorum: anamorphic Pleosporales

Origin: Introduced, Accidental.

Galapagos Distribution: Santa Cruz.

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

104. *Phillipsia domingensis* Berk.

Taxon status: Identification not yet confirmed.

Origin: No Data.

Galapagos Distribution: San Cristóbal.

References: Reid, D.A. et al. (1980).

105. *Phoma sp. 1*

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

Index Fungorum: anamorphic Pleosporales; P. Cannon: not identical with the *Phoma* sp. on *C. papaya* in Brasil

Origin: Introduced, Accidental.

Galapagos Distribution: Floreana, Isabela, Santa Cruz.

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

106. *Phoma sp. 2*

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

Index Fungorum: anamorphic Pleosporales; P. Cannon: this species is not the anamorph of *Leptosphaeria sacchari*, a common pathogen on sugar

Origin: Introduced, Accidental.

Galapagos Distribution: Santa Cruz.

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

107. *Phoma sp. 3*

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

Index Fungorum: anamorphic Pleosporales

Origin: Introduced, Accidental.

Galapagos Distribution: Santa Cruz.

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

108. *Phylacia glandulina* Speer

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Kirk, P. (ed.) et al. (2010), Reid, D.A. et al. (1980).

109. *Phylacia globosa* Lév.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Isabela.
110. *Phyllachora noblei* Chardón
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Floreana, Isabela, San Cristóbal, Santa Cruz.
111. *Phyllachora sp. 1*
Taxon status: Taxon not identified to species, subspecies, form or variety.
Origin: Native, Endemic.
Galapagos Distribution: Española, Floreana, Isabela, San Cristóbal, Santa Cruz.
112. *Phyllachora tragiae* (Berk. & M.A. Curtis) Sacc.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Isabela.
113. *Phyllachora winteri* Sacc. & P. Syd.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Floreana, San Cristóbal, Santa Cruz.
114. *Phyllactinia dalbergia* Piroz.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
115. *Phyllosticta hiratsukae* Togashi
Taxon status: Accepted name; taxon occurs in Galapagos.
Index Fungorum: anamorphic Guignardia
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Kirk, P. (ed.) et al. (2010).
116. *Phyllosticta sp. 1*
Taxon status: Taxon not identified to species, subspecies, form or variety.
Index Fungorum: anamorphic Guignardia
Origin: Native, Endemic.
Galapagos Distribution: Santa Fé.
117. *Pleurodesmospora coccorum* (Petch) Samson, W. Gams & H.C. Evans
Taxon status: Identification not yet confirmed.

Index Fungorum: anamorphic Pezizomycotina

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Evans, Harry C. et al. (1982), Kirk, P. (ed.) et al. (2010).

118. *Poculum crocatum* (Mont.) Dumont

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Hymenoscyphus crocatus* (Mont.) K.S. Thind & H. Singh

Origin: No Data.

Galapagos Distribution: Unknown.

References: Kirk, P. (ed.) et al. (2010), Reid, D.A. et al. (1980).

119. *Podonectria coccicola* (Ellis & Everh.) Petch

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Floreana.

120. *Poronia oedipus* (Mont.) Mont.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Kirk, P. (ed.) et al. (2010), Reid, D.A. et al. (1980).

121. *Pseudocercospora meibomia* (Chupp) Deighton

Taxon status: Accepted name; taxon occurs in Galapagos.

Index Fungorum: anamorphic *Mycosphaerella*

Origin: Native, Indigenous.

Galapagos Distribution: Floreana, Santa Cruz.

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

122. *Pseudocercospora purpurea* (Cooke) Deighton

Taxon status: Accepted name; taxon occurs in Galapagos.

Index Fungorum: anamorphic *Mycosphaerella*

Origin: Introduced, Accidental.

Galapagos Distribution: San Cristóbal, Santa Cruz.

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

123. *Pseudocercospora rhizophorae* (Creager) U. Braun & R.F. Castañeda

Taxon status: Accepted name; taxon occurs in Galapagos.

Index Fungorum: anamorphic *Mycosphaerella*

Origin: Native, Indigenous.

Galapagos Distribution: Isabela.

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

124. *Pseudocercospora sp. 1*
Taxon status: Taxon not identified to species, subspecies, form or variety.
Index Fungorum: anamorphic Mycosphaerella
Origin: Native, Indigenous.
Galapagos Distribution: Floreana, San Cristóbal.
References: Kirk, P. (ed.) et al. (2010).
125. *Pseudocercospora trichophila* (Davis) U. Braun
Taxon status: Accepted name; taxon occurs in Galapagos.
Index Fungorum: anamorphic Mycosphaerella
Origin: Native, Indigenous.
Galapagos Distribution: Floreana, Isabela.
References: Kirk, P. (ed.) et al. (2010).
126. *Pseudocercospora triumfettae* (Syd.) Deighton
Taxon status: Accepted name; taxon occurs in Galapagos.
Index Fungorum: anamorphic Mycosphaerella
Origin: Native, Indigenous.
Galapagos Distribution: Isabela.
References: Kirk, P. (ed.) et al. (2010).
127. *Pseudorhizina californica* (W. Phillips) Harmaja
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: No Data.
Galapagos Distribution: Santiago.
128. *Ramulariopsis gossypii* (Speg.) U. Braun
Taxon status: Accepted name; taxon occurs in Galapagos.
Index Fungorum: anamorphic Mycosphaerella
Origin: Native, Endemic.
Galapagos Distribution: Floreana.
References: Kirk, P. (ed.) et al. (2010).
129. *Rosellinia sp.*
Taxon status: Taxon not identified to species, subspecies, form or variety.
Origin: No Data.
Galapagos Distribution: Pinta, Santa Cruz, Santiago.
130. *Schizothyrium rufulum* (Berk. & M.A. Curtis) Arx
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Santa Cruz.
131. *Scutellinia scutellata var. scutellata* (L.) Lambotte
Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

132. *Sepedonium sp. 1*

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

Index Fungorum: anamorphic Hypomyces

Origin: No Data.

Galapagos Distribution: Santa Cruz.

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

133. *Septoria lantanae* Garman

Taxon status: Accepted name; taxon occurs in Galapagos.

Index Fungorum: anamorphic Mycosphaerella

Origin: Introduced, Accidental.

Galapagos Distribution: Floreana.

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

134. *Septoria sp. 1*

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

Origin: Introduced, Accidental.

Galapagos Distribution: Floreana, Isabela.

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

135. *Simplicillium lanosiniveum* (J.F.H. Beyma) Zare & W. Gams

Taxon status: Identification not yet confirmed.

Index Fungorum: anamorphic Torribiella

Origin: No Data.

Galapagos Distribution: Santa Cruz.

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

136. *Simplicillium sp. 1*

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

Index Fungorum: anamorphic Torribiella

Origin: No Data.

Galapagos Distribution: Santa Cruz.

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

137. *Stictis sp.*

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

Origin: No Data.

Galapagos Distribution: Santa Cruz.

138. *Stilbella buquetii* (Mont. & C.P. Robin) Samson & H.C. Evans

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Evans, Harry C. et al. (1982), Kirk, P. (ed.) et al. (2010).

139. *Stilbella sp. 1*

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

Index Fungorum: anamorphic Hypocreales

Origin: No Data.

Galapagos Distribution: Isabela.

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

140. *Stomiopeltis sp. 1*

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

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

141. *Tetracrium coccicola* Höhn.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Floreana.

142. *Tetracrium incarnatum* G.W. Martin

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Kirk, P. (ed.) et al. (2010), Martin, G.W. et al. (1948), Reid, D.A. et al. (1980).

143. *Torpedospora radiata* Meyers

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Kirk, P. (ed.) et al. (2010), Kohlmeyer, J. et al. (1987).

144. *Torrubiella arachnophila* (J.R. Johnst.) Mains

Taxon status: Identification not yet confirmed.

Origin: No Data.

Galapagos Distribution: Isabela.

145. *Torrubiella sp. 1*

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

Origin: No Data.

Galapagos Distribution: Santa Cruz.

146. *Verruculina enalia* (Kohlm.) Kohlm. & Volkm.-Kohlm.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: Didymosphaeria enalia Kohlm.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Kirk, P. (ed.) et al. (2010), Kohlmeyer, J. et al. (1987).

147. *Verticillium insectorum* (Petch) W. Gams

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Evans, Harry C. et al. (1982), Kirk, P. (ed.) et al. (2010).

148. *Verticillium sp. 1*

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

Index Fungorum: anamorphic Plectosphaerellaceae

Origin: No Data.

Galapagos Distribution: Santa Cruz.

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

149. *Vestergrenia multipunctata* (G. Winter) Arx & E. Müll.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

150. *Whalleya sp.*

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

Origin: No Data.

Galapagos Distribution: Santa Cruz.

151. *Xylaria aemulans* Starbäck

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Kirk, P. (ed.) et al. (2010), Reid, D.A. et al. (1980).

152. *Xylaria bulbosa* (Pers.) Berk. & Broome

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Unknown.

References: Kirk, P. (ed.) et al. (2010), Reid, D.A. et al. (1980).

153. *Xylaria cubensis* (Mont.) Fr.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

154. *Xylaria feejeensis* (Berk.) Fr.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: No Data.
Galapagos Distribution: Unknown.
References: Kirk, P. (ed.) et al. (2010), Reid, D.A. et al. (1980).
155. *Xylaria filiformis* (Alb. & Schwein.) Fr.
Taxon status: Identification not yet confirmed.
Origin: No Data.
Galapagos Distribution: Santa Cruz.
References: Reid, D.A. et al. (1980).
156. *Xylaria mellissii* (Berk.) Cooke
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: No Data.
Galapagos Distribution: Unknown.
References: Kirk, P. (ed.) et al. (2010), Reid, D.A. et al. (1980).
157. *Xylaria multiplex* (Kunze) Fr.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: No Data.
Galapagos Distribution: Unknown.
References: Kirk, P. (ed.) et al. (2010), Reid, D.A. et al. (1980).
158. *Xylaria polymorpha* (Pers.) Grev.
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
Origin: No Data.
Galapagos Distribution: San Cristóbal, Santa Cruz.
159. *Xylaria sp.*
Taxon status: Taxon not identified to species, subspecies, form or variety.
Origin: No Data.
Galapagos Distribution: Santa Cruz, Santiago.
160. *Zignoëlla truncata* Rehm
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: No Data.
Galapagos Distribution: Unknown.
References: Kirk, P. (ed.) et al. (2010), Reid, D.A. et al. (1980).

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