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## CDF Checklist of Galapagos Mushrooms: Gill fungi, pore fungi, stinkhorns, coral fungi, puffballs, bird's nests, jelly fungi, rusts smuts

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

**Basidiomycetes** are fungi that reproduce by forming spores via specialized club-shaped end cells called basidia.

Well known macro-fungi (mushrooms, puffballs, stinkhorns, bracket fungi, jelly fungi, boletes, and chanterelles) belong to this group of organisms, other less known basidiomycetes are smuts and rusts.

Very few basidiomycetes form lichens. This checklist of known basidiomycetes 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 Basidiomycota.

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for well known species groups like vascular plants or vertebrates updates proposed to the IUCN are shown instead of the outdated, but currently accepted status;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:** 85 (34 Accepted , 21 Unidentified Taxon , 9 Doubtful , 21 Preliminary Identification).

**Origin of the taxa included:** 3 Accidental, 2 Cultivated, 1 Endemic, 6 Indigenous.

1. *Agaricus sp.*  
**Taxon status:** Taxon not identified to species, subspecies, form or variety.  
**Galapagos Distribution:** Santa Cruz.
2. *Antrodiella sp.*  
**Taxon status:** Taxon not identified to species, subspecies, form or variety.  
**Galapagos Distribution:** Santa Cruz.
3. *Auricularia cf. fuscossuccinea* (Mont.) Henn.  
**Taxon status:** The identification of this taxon or its occurrence in Galapagos is doubtful.  
**Galapagos Distribution:** Santa Cruz.
4. *Auricularia delicata* (Fr.) Henn.  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Santa Cruz.
5. *Auricularia fuscossuccinea* (Mont.) Henn.  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Santa Cruz.
6. *Auriscalpium villipes* (Lloyd) Snell E.A. Dick  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Santa Cruz.
7. *Boletus sp.*  
**Taxon status:** Taxon not identified to species, subspecies, form or variety.  
**Galapagos Distribution:** Isabela.
8. *Bovista pila* Berk. M.A. Curtis  
**Taxon status:** Identification not yet confirmed.  
**Galapagos Distribution:** Isabela.
9. *Byssomerulius corium* (Pers.) Parmasto  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Isabela.
10. *Calvatia cyathiformis* (Bosc) Morgan  
**Taxon status:** Identification not yet confirmed.  
**Galapagos Distribution:** San Cristóbal, Santa Cruz.
11. *Cerotelium fici* (Castagne) Arthur  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Accidental.  
**Galapagos Distribution:** Santa Cruz.
12. *Chaconia ingae* (Syd.) Cummins  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Accidental.  
**Galapagos Distribution:** Santa Cruz.
13. *Chlorophyllum molybdites* (G. Mey.) Massee  
**Taxon status:** Identification not yet confirmed.  
**Galapagos Distribution:** Santa Cruz.
14. *Clitocybe sp.*  
**Taxon status:** Taxon not identified to species, subspecies, form or variety.  
**Galapagos Distribution:** Santa Cruz.

15. *Collybia* sp.  
**Taxon status:** Taxon not identified to species, subspecies, form or variety.  
**Galapagos Distribution:** Santa Cruz.
16. *Conocybe* sp.  
**Taxon status:** Taxon not identified to species, subspecies, form or variety.  
**Galapagos Distribution:** Santa Cruz.
17. *Coprinellus disseminatus* (Pers.) J.E. Lange  
**Taxon status:** Identification not yet confirmed.  
 Syn.: *Coprinus disseminatus*, fide Index Fungorum  
**Galapagos Distribution:** Santa Cruz.
18. *Coprinus* sp.  
**Taxon status:** Taxon not identified to species, subspecies, form or variety.  
**Galapagos Distribution:** Santa Cruz.
19. *Coriolopsis polyzona* (Pers.) Ryvarden  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Santa Cruz, Santiago.
20. *Corticium aurantiacum* Bres.  
**Taxon status:** Identification not yet confirmed.  
**Galapagos Distribution:** Santa Cruz.
21. *Crepidotus cf. alabamensis* Murrill  
**Taxon status:** The identification of this taxon or its occurrence in Galapagos is doubtful.  
**Galapagos Distribution:** Santa Cruz.
22. *Crepidotus crocophyllus* (Berk.) Sacc.  
**Taxon status:** Identification not yet confirmed.  
**Galapagos Distribution:** Santa Cruz.
23. *Cyathus striatus* (Huds.) Willd.  
**Taxon status:** Identification not yet confirmed.  
**Galapagos Distribution:** Santa Cruz.
24. *Dacryopinax spathularia* (Schwein.) G.W. Martin  
**Taxon status:** Identification not yet confirmed.  
**Galapagos Distribution:** Santa Cruz.
25. *Galerina* sp.  
**Taxon status:** Taxon not identified to species, subspecies, form or variety.  
**Galapagos Distribution:** Santa Cruz.
26. *Ganoderma applanatum* (Pers.) Pat.  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Santa Cruz.
27. *Ganoderma australe* (Fr.) Pat.  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** San Cristóbal.
28. *Ganoderma resinaceum* Boud.  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Santa Cruz.
29. *Geastrum cf. saccatum* Fr.  
**Taxon status:** The identification of this taxon or its occurrence in Galapagos is doubtful.  
**Galapagos Distribution:** Santa Cruz.
30. *Gymnopilus* sp.  
**Taxon status:** Taxon not identified to species, subspecies, form or variety.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Filgueiras, T.S. et al. (2003).

31. *Gymnopus cf. striatipes* (Peck) Halling  
**Taxon status:** The identification of this taxon or its occurrence in Galapagos is doubtful.  
**Galapagos Distribution:** Santa Cruz.
32. *Gyrodon sp.*  
**Taxon status:** Taxon not identified to species, subspecies, form or variety.  
**Galapagos Distribution:** Santa Cruz.
33. *Hemileia vastatrix* Berk. Broome  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Cultivated.  
**Galapagos Distribution:** San Cristóbal, Santa Cruz.
34. *Hohenbuehelia sp.*  
**Taxon status:** Taxon not identified to species, subspecies, form or variety.  
**Galapagos Distribution:** Santa Cruz.
35. *Hydropus cf. mycenoides* (Dennis) Singer  
**Taxon status:** The identification of this taxon or its occurrence in Galapagos is doubtful.  
**Galapagos Distribution:** Santa Cruz.
36. *Hygrocybe cf. parvula* (Peck) Pegler  
**Taxon status:** The identification of this taxon or its occurrence in Galapagos is doubtful.  
**Galapagos Distribution:** Santa Cruz.
37. *Hymenochaete luteobadia* (Fr.) Höhn. Litsch.  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** San Cristóbal, Santa Cruz.
38. *Hymenochaete ochracea*  
**Taxon status:** Identification not yet confirmed.  
**Galapagos Distribution:** Santa Cruz.
39. *Kordyana celebensis* Gäum.  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
possibly a synonym but nomen nudum?: *Kordyana cubensis*  
**Origin:** Native, Indigenous.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Barreto, R. W. et al. (1988).
40. *Lentinus berteri* Bouriquet  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Santa Cruz.
41. *Lentinus crinitus* (L.) Fr.  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Santa Cruz.
42. *Leucocoprinus fragilissimus* (Berk. M.A. Curtis) Pat.  
**Taxon status:** Identification not yet confirmed.  
**Galapagos Distribution:** Santa Cruz.
43. *Limacella cf. glioderma* (Fr.) Maire  
**Taxon status:** The identification of this taxon or its occurrence in Galapagos is doubtful.  
**Galapagos Distribution:** Santa Cruz.
44. *Lophiostoma rubi* (Fuckel) E.C.Y. Liew, Aptroot K.D. Hyde  
**Taxon status:** Identification not yet confirmed.  
**Galapagos Distribution:** Santa Cruz.
45. *Marasmius androsaceus* (L.) Fr.  
**Taxon status:** Identification not yet confirmed.  
**Galapagos Distribution:** Santa Cruz.

46. *Marasmius cladophyllus* Berk.  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Santa Cruz.
47. *Marasmius ferrugineus* (Berk.) Berk. M.A. Curtis  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Santa Cruz.
48. *Marasmius haematocephalus* (Mont.) Fr.  
**Taxon status:** Identification not yet confirmed.  
**Galapagos Distribution:** Santa Cruz.
49. *Marasmius ramealis* (Bull.) Fr.  
**Taxon status:** Identification not yet confirmed.  
**Galapagos Distribution:** Santa Cruz.
50. *Omphalina* sp.  
**Taxon status:** Taxon not identified to species, subspecies, form or variety.  
**Galapagos Distribution:** Isabela.
51. *Panaeolus* sp.  
**Taxon status:** Taxon not identified to species, subspecies, form or variety.  
**Galapagos Distribution:** Isabela, Santa Cruz.
52. *Parasola plicatilis* (Curtis) Redhead, Vilgalys Hopple  
**Taxon status:** Identification not yet confirmed.  
**Galapagos Distribution:** Santa Cruz.
53. *Phellinus apiahynus* (Speg.) Rajchenb. J.E. Wright  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Santa Cruz.
54. *Phellinus gilvus* (Schwein.) Pat.  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Santa Cruz.
55. *Phellinus rimosus* (Berk.) Pilát  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Santa Cruz.
56. *Pholiota galapagensis* Pegler  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Santa Cruz, Santa Fé.
57. *Pleurocybella* cf. *porrigens* (Pers.) Singer  
**Taxon status:** The identification of this taxon or its occurrence in Galapagos is doubtful.  
**Galapagos Distribution:** Santa Cruz.
58. *Pleurotus djamor* (Rumph. ex Fr.) Boedijn  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** San Cristóbal, Santa Cruz.
59. *Pluteus* sp.  
**Taxon status:** Taxon not identified to species, subspecies, form or variety.  
**Galapagos Distribution:** Santa Cruz.
60. *Podaxis pistillaris* (L.) Fr.  
**Taxon status:** Identification not yet confirmed.  
**Galapagos Distribution:** Pinta.
61. *Polyporus tricholoma* Mont.  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Floreana, Santa Cruz, Santiago.

62. *Psathyrella sp. 1*  
**Taxon status:** Taxon not identified to species, subspecies, form or variety.  
**Galapagos Distribution:** Santa Cruz.
63. *Psathyrella sp. 2*  
**Taxon status:** Taxon not identified to species, subspecies, form or variety.  
**Galapagos Distribution:** Santa Cruz.
64. *Pseudohydnum cf. gelatinosum* (Scop.) P. Karst.  
**Taxon status:** The identification of this taxon or its occurrence in Galapagos is doubtful.  
**Galapagos Distribution:** Santa Cruz.
65. *Psilocybe coprophila var. coprophila* (Bull.) P. Kumm.  
**Taxon status:** Identification not yet confirmed.  
**Galapagos Distribution:** Santa Cruz.
66. *Puccinia lantanae* Farl.  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Accidental.  
**Galapagos Distribution:** Floreana.
67. *Puccinia melanocephala* Syd. P. Syd.  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Cultivated.  
**Galapagos Distribution:** Santa Cruz.
68. *Puccinia mogiphanis* Arthur  
**Taxon status:** Identification not yet confirmed.  
**Origin:** Native, Indigenous.  
**Galapagos Distribution:** Santa Cruz.
69. *Puccinia sp. 1*  
**Taxon status:** Taxon not identified to species, subspecies, form or variety.  
**Origin:** Native, Indigenous.  
**Galapagos Distribution:** Floreana, Isabela, San Cristóbal, Santa Cruz.
70. *Pycnoporus sanguineus* (L.) Murrill  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** San Cristóbal, Santa Cruz.
71. *Ramaria sp.*  
**Taxon status:** Taxon not identified to species, subspecies, form or variety.  
**Galapagos Distribution:** Santa Cruz.
72. *Schizophyllum commune* Fr.  
**Taxon status:** Identification not yet confirmed.  
**Galapagos Distribution:** Santa Cruz.
73. *Schizopora paradoxa* (Schrad.) Donk  
**Taxon status:** Identification not yet confirmed.  
**Galapagos Distribution:** Santa Cruz.
74. *Simocybe tepeitensis* (Murrill) Singer  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Santa Cruz.
75. *Trametes lactinea* (Berk.) Sacc.  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Santa Cruz.
76. *Trametes membranacea* (Sw.) Kreisel  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Santa Cruz.

77. *Trametes pavonia* (Hook.) Ryvarden  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Santa Cruz.
78. *Trametes supermodesta* Ryvarden Iturr.  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Santa Cruz.
79. *Tremella fuciformis* Berk.  
**Taxon status:** Identification not yet confirmed.  
**Galapagos Distribution:** Santa Cruz.
80. *Tulostoma* sp.  
**Taxon status:** Taxon not identified to species, subspecies, form or variety.  
**Galapagos Distribution:** Santa Cruz.
81. *Uredo scalesiae* Bonar  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
 Index Fungorum: anamorphic Pucciniales  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Floreana, Isabela, Santa Cruz.  
**References:** Kirk, P. (ed.) et al. (2010).
82. *Uredo* sp. 1  
**Taxon status:** Taxon not identified to species, subspecies, form or variety.  
**Origin:** Native, Indigenous.  
**Galapagos Distribution:** Santa Cruz.
83. *Uromyces bidenticola* Arthur  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Indigenous.  
**Galapagos Distribution:** Santa Cruz.
84. *Uromyces dolichosporus* Dietel Holw.  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Indigenous.  
**Galapagos Distribution:** Floreana, Santa Cruz.
85. *Vuilleminia* sp.  
**Taxon status:** Taxon not identified to species, subspecies, form or variety.  
**Galapagos Distribution:** Santa Cruz.

### **References:**

1. Barreto, R. W., Evans, H. E. (1988) *Taxonomy of a fungus introduced into Hawaii for biological control of Ageratina riparia (Eupatorieae; Compositae), with observations on related weed pathogens*. Transactions of the British Mycological Society 91(1): 81-97
2. Filgueiras, T.S. (2003) *Sorghum*. In *Catalogue of New World Grasses (Poaceae): III. Subfamilies Panicoideae, Aristidoideae, Arundinoideae, and Danthonioideae*. Contr. U.S. Natl. Herb. 46: 598-606.
3. Kirk, P. (ed.) (2010) *Index Fungorum*. CABI Bioscience, CBS and Landcare Research, available online at [www.indexfungorum.org](http://www.indexfungorum.org).