

# APÊNDICE 1

## APPENDIX 1

### LISTA DE ESPÉCIES DUVIDOSAS

### LIST OF PROBLEMATIC SPECIES

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**ORGANISMOS TERRESTRES (TERRESTRIAL ORGANISMS)****FUNGI**

*Agyriella* sp.  
*Amanita* aff. *eliae*  
*Anthostomella* sp.  
*Ascochyta cotyledonis*  
*Aspergillus* sp.  
*Cainia* cf. *desmazieri*  
*Cercospora* sp.  
*Chloridium atrum*  
*Cladosporium* sp.  
*Clitocybe* cf. *ditopa*  
*Conocybe* cf. *bruneola*  
*Coprinus* cf. *angulatus*  
*Coprotus* cf. *luteus*  
*Cordana* sp.  
*Cortinarius* cf. *incisus*  
*Cylindrotrichum* sp.  
*Dacrymyces* cf. *paraphysatus*  
*Diatrypella* sp.  
*Entoloma* aff. *conferendum*  
*Entoloma* aff. *vernium*  
*Eutipella arundinariae*  
*Eutipella canariensis*  
*Eutypa* cf. *rivulosa*  
*Flagelloscypha* cf. *citrispora*  
*Gibberella* sp.  
*Glomerella* cf. *cingulata*  
*Hebeloma* aff. *mesophaeum*  
*Hemimycena* cf. *cucullata*  
*Heterochaetella* sp.  
*Inocybe* aff. *praetervisa*  
*Lasiobolus* cf. *monascus*  
*Lophodermium* cf. *rubiicola*  
*Maurodothina* sp.  
*Melomastia mastoidea*  
*Mollisia* cf. *fallens*  
*Mollisia* cf. *trabincola*  
*Monascus* sp.  
*Mucor* sp.  
*Mycosphaerella* sp.  
*Nummularia* cf. *guaranitica*  
*Penicillium* sp.  
*Periconia* sp.  
*Periconiella* sp.  
*Peziza* cf. *fimeti*  
*Phaeopolynema* sp.  
*Phialophora* sp.  
*Phoma* sp.  
*Phomopsis* sp.  
*Phyllosticta* sp.  
*Pleurophragmium* sp.  
*Polyscytalum* sp.  
*Rhizopus* sp.  
*Rickenella* aff. *swartzii*  
*Ryparobius* cf. *pachyascus*  
*Saccobolus* cf. *beckii*  
*Scutellinia* sp.  
*Sepedonium* sp.  
*Sirothecium* sp.  
*Solenia* cf. *porioides*  
*Stictis* cf. *radiata*  
*Trichoderma* sp.

**ORGANISMOS TERRESTRES (TERRESTRIAL ORGANISMS)****FUNGI (cont.)**

*Uromyces* cf. *minor*  
*Verticillium* sp.  
*Wiesneriomyces javanicus*

**LICHENS**

*Abrothallus parmeliarum*  
*Cladonia arbuscula*  
*Cladonia decorticata*  
*Cladonia leporina*  
*Cladonia parasitica*  
*Cladonia rangiferina*  
*Collema flaccidum*  
*Diplotomma nivalis*  
*Dirinaria picta*  
*Evernia divaricata*  
*Flavocetraria cucullata*  
*Haematomma ochroleucum*  
*Lecanora achariana*  
*Lecanora conizaeoides*  
*Lecanora populicola*  
*Lecidea azorica*  
*Leptogium daedaleum*  
*Letharia vulpina*  
*Lobaria amplissima*  
*Opegrapha lithyrga*  
*Parmelia ciliaris* var. *angustata*  
*Parmelina tiliacea*  
*Physcia lithotodes* fo. *venusta*  
*Pyrenula mamillana*  
*Pyxine meissneriana*  
*Ramalina calicaris*  
*Ramalina maderensis*  
*Ramalina vulcanica*  
*Rhizocarpon alpicola*  
*Siphula ceratites*  
*Staurolemma omphalarioides*  
*Stereocaulon condensatum*  
*Stereocaulon virgatum*  
*Thelotrema petractoides*  
*Toninia tumidula*  
*Usnea barbata*  
*Usnea ceratina*  
*Usnea florida*  
*Usnea florida* var. *comosa*  
*Usnea plicata*  
*Verrucaria nigrescens*

**BACILLARIOPHYTA**

*Caloneis* cf. *pulchra* Messikommer  
*Nitzschia* cf. *incognita* Legler & Krasske  
*Nitzschia* cf. *recta* Hantzsch in Rabenhorst

**HEPATOPHYTA**

*Athalamia spathysii* (Lindenb.) S. Hatt.  
*Cladopodiella fluitans* (Nees) H. Buch  
*Herbertus borealis* Crundw.  
*Jungermannia caespiticia* Lindenb.  
*Leiocolea collaris* (Nees) Schljakov  
*Lejeunea cavifolia* (Ehrh.) Lindb.  
*Marsupella sprucei* (Limpr.) Bernet  
*Pellia neesiana* (Gottsche) Limpr.

ORGANISMOS TERRESTRES (TERRESTRIAL ORGANISMS)

**HEPATOPHYTA** (cont.)

*Plagiochila carringtonii* (Balf.) Grolle  
*Preissia quadrata* (Scop.) Nees  
*Radula pallens* (Sw.) Nees & Mont.  
*Riccia cavernosa* Hoffm. emend. Raddi

**BRYOPHYTA**

*Bryum billiardii* Schwägr.  
*Drepanocladus aduncus* (Hedw.) Warnst.  
*Entosthodon fascicularis* (Hedw.) Müll. Hal.  
*Eurhynchiastrum pulchellum* (Hedw.) Ignatov et Huttunen  
*Fissidens ovatifolius* R. Ruthe  
*Hypnum vaucheri* Lesq.  
*Isopterygiopsis pulchella* (Hedw.) Z. Iwats.  
*Pelekium minutulum* (Hedw.) Touw  
*Plasteurhynchium striatulum* (Spruce) M.Fleisch.  
*Pohlia elongata* Hedw.

**NEMATODA**

**Araeolaimida**

*Cylindrolaimus*  
*Haliplectus*

**Chromadorida**

*Achromadora*  
*Chromadorella*  
*Chromadorita*  
*Ethmolaimus*  
*Paracyatholaimus*

**Monhysterida**

*Monhystera*  
*Theristus*

**Plectida**

*Aulolaimus*  
*Bastiana*  
*Chronogaster*  
*Deontolaimus*  
*Euteratocephalus*  
*Odontolaimus*  
*Plectus*  
*Rhabdolaimus*  
*Teratocephalus*  
*Wilsonema*

**Rhabditida**

*Acrobeles*  
*Acrobeloides*  
*Aglenchus*  
*Aphelenchoides*  
*Aphelenchus*  
*Bunonema*  
*Cephalobus*  
*Cervidellus*  
*Cooperia*  
*Coslenchus*  
*Criconema*  
*Criconemoides*  
*Diploscapter*  
*Ditylenchus*  
*Drilocephalobus*  
*Ecphyadophora*  
*Ecphyadophoroides*  
*Eucephalobus*

ORGANISMOS TERRESTRES (TERRESTRIAL ORGANISMS)

**NEMATODA** (cont.)

**Rhabditida** (cont.)

*Filenchus*  
*Hemicycliophora*  
*Heterodera*  
*Heterorhabditis*  
*Meloidoderita*  
*Meloidogyne*  
*Mononchoides*  
*Nagelus*  
*Nematodirus*  
*Odontopharynx*  
*Paraphelenchus*  
*Paratylenchus*  
*Pelodera*  
*Porrocaecum*  
*Pratylenchus*  
*Seinura*  
*Spirura*  
*Strongyloides*  
*Tylenchorhynchus*  
*Tylenchus*  
*Zeldia*

**Dorylaimida**

*Aporcelaimellus*  
*Aporcelaimus*  
*Discolaimoides*  
*Discolaimus*  
*Dorylaimellus*  
*Dorylaimus*  
*Doryllium*  
*Eudorylaimus*  
*Labronema*  
*Laevides*  
*Leptonchus*  
*Longidorella*  
*Longidorus*  
*Mesodorylaimus*  
*Nygolaimus*  
*Oxydirus*  
*Prodorylaimus*  
*Sectonema*  
*Thonus*  
*Tylencholaimellus*  
*Tylencholaimus*

**Enoplida**

*Alaimus*  
*Amphidelus*  
*Oncholaimus*

**Mononchida**

*Iotonchus*  
*Miconchus*  
*Mononchus*  
*Mylonchulus*  
*Prionchulus*

**Triplonchida**

*Diphtherophora*  
*Paratrichodorus*  
*Prismatolaimus*  
*Tobrilus*  
*Tripyla*  
*Tylolaimophorus*

**ORGANISMOS TERRESTRES (TERRESTRIAL ORGANISMS)****ARTHROPODA****Pseudoscorpiones***Rhacochelifer* sp.**Acari***Cepheus* cf. *cepheiformis* (Nicolet, 1855)*Pergalumna* cf. *formicaria* (Berlese, 1914)*Pergalumna* cf. *nervosa nervosa* (Berlese, 1914)**Isopoda***Armadillidium granulatum* Brandt, 1833**Julida***Cylindroiulus teutonicus* Pocok**Zygentoma***Thermobia domestica* (Packard, 1873)**Orthoptera***Oecanthus pellucens* (Scopoli, 1763)*Sphingonotus canariensis* Saussure, 1884*Tylopsis lilifolia* (Fabricius, 1793)**Psocoptera***Cerobasis* sp.**Thysanoptera***Apetrygothrips canarius* (Priesner, 1936)*Haplothrips niger* (Osborn, 1883)*Haplothrips nigricans* Bagnall, 1934**Blattaria***Oxyhaloa murrayi* Brunn**Sternorrhyncha (Aphidoidea)***Cryptomyzus* sp.*Holcaphis* sp.*Longiunguis luzulella* Hille Ris Lambers, 1947*Prociphilus* sp.**Coleoptera***Adalia bipunctata* (Linnaeus, 1758)*Agabus conspersus* (Marsham, 1802)*Atheta acucollis* (Sharp, 1876)*Bembidion propinquum* Sturm, 1825*Cephennium distinctum* Besuchet*Chrysolina americana* (Linnaeus, 1758)*Coccinella septempunctata* Linnaeus, 1758*Eriopis connexa* (Germar, 1824)*Hippodamia undecimnotata* (Schneider, 1792)*Hippodamia variegata* (Goeze, 1777)*Hygrotus pallidulus* (Aubé, 1850)*Migneauxia parvicollis* Peyerimhoff*Pharoscygnus decemplagiatus* (Wollaston, 1857)*Scymnus mimulus mimulus* Capra & Fursch, 1967**Lepidoptera***Agonopteryx conciliatella* (Rebel, 1892)*Monopis nigricantella* (Millière, 1872)*Noctua janthina* (Denis & Schiffermüller)*Parnassius mnemosyne* (Linnaeus)*Synthymia fixa* (Fabricius)*Tinea pellionella* Linnaeus, 1758**Hymenoptera***Alloxysta* cf. *victrix* (Westwood, 1833)*Leptomastidea* cf. *abnormis* (Girault, 1915)*Meraporus* sp.*Microterys* cf. *nieteri* (Motschusky, 1859)*Solenopsis (Diplorhoptrum)* sp.*Tetrastichus* sp.*Trichomalopsis* cf. *acuminatus* (Graham, 1969)**ORGANISMOS MARINHOS (MARINE ORGANISMS)****RHODOPHYTA***Ahnfeltiopsis* cf. *intermedia* (Kylin) Stegenga, Bolton & R.J. Anderson*Seirospora* sp.**ANNELIDA****Sabellida***Nainereis* cf. *laevigata* (Grube, 1855)**ARTHROPODA****Podocopida***Paradoxostoma* sp.*Pontocypris* sp.*Propontocypris* cf. *pirifera* (Müller, 1894)*Xestoleberis* sp.**Tanaidacea***Leptognathia* cf. *breviremis* (Lilljeborg, 1864)**CHORDATA****Pisces****Carcharhiniformes***Apristurus* cf. *manis* (Springer, 1979)**Squaliformes***Centrophorus* cf. *lusitanicus* Barbosa du Bocage & Brito Capello, 1864*Deania* cf. *hystricosa* (Lowe, 1839)**Argentiformes***Alepocephalus* cf. *australis* Barnard, 1923*Leptoderma* sp.**Stomiiformes***Photonectes* cf. *dinema* Regan & Trewavas, 1930**Gadiformes***Gaidropsarus* sp. nov.**Lophiiformes***Oneirodes* cf. *macrosteus* Pietsch, 1974**Argentiformes***Leptoderma* sp.**Mammalia****Cetacea***Balaenoptera* cf. *brydei* Anderson, 1878