

A check-list of Sicilian fungi*

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Introduction

The history of mycological investigations in Sicily begins with the early works of Rafinesque (1814) and Bivona Bernardi (1815, 1816). Sicilian mycology received important stimuli through the investigation of Inzenga (1865-1869) and Scalia (1900, 1901, 1902) who compiled important lists of Sicilian fungi. After them mycological activities declined.

An analysis of the references, by decades (Fig. 1), shows a prevalence of contributions related to microfungi, particularly because of their importance for agronomy, as compared to those on macrofungi.

In the last few years some lists of macrofungi were published but they concern only restricted areas, while papers on microfungi generally concern a few taxa only.

Today the total mycological flora amounts to 189 families, 496 genera, 1532 species and 32 varieties. Some unpublished records, based on specimens kept in the Herbarium of the Botanical Garden of Palermo (PAL), are also included in these figures.

The present list has been compiled on the basis of 248 works and papers published between 1814 and 1990. The species are listed alphabetically within each genus, as well as the arrangement of genera within their orders, classes and subdivisions - the family names being added in brackets after the generic names. Infra-varietal taxa are included in the corresponding higher-ranking taxa.

The system used is essentially that of Martin & Alexopoulos (1969) for the *Myxomycotina*, Cannon & al. (1985) for the *Ascomycotina*, Moser (1980) and Singer (1986) for the *Agaricales*, Jülich (1984) for the *Aphylllophorales* and *Gasteromycetes*. The genera of the two classes of *Deuteromycotina* recognized in Hawksworth & al. (1983) are listed in alphabetical order. They are based primarily on Sutton (1980) and Ellis (1971, 1985), and otherwise on Hawksworth & al. (1983). The names of taxa not mentioned in recent literature and of other critical entities are preceded by a question mark and cross-referenced to Saccardo (1882-1931). A few remaining taxa are not mentioned at all in the basic literature (see note 79). The rules of the International Code of Botanical Nomenclature have been followed as closely as possible.

The names of the families to which each genus is assigned are prevalently taken from the works cited above, plus Cooke & Hawksworth (1970) and Hawksworth & David (1989). If not mentioned in any of the above-mentioned sources, the family names are omitted.

The accepted names are followed by the names used in the published sources, in brackets and preceded by "sub". When names are quoted without author in the primary literature, or with authors different from those deemed to be correct, they are repeated in

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brackets, preceded by the symbol °.

The italicized numbers in parentheses, following the taxa citation, refers to the basic literature cited in the notes at the end of this volume.

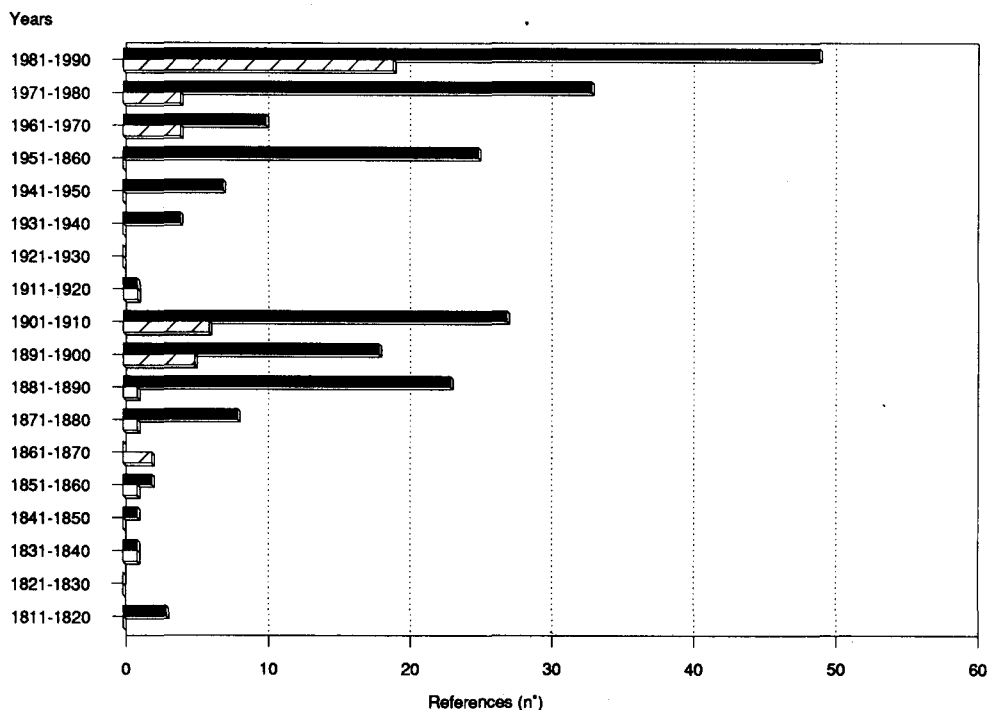


Fig. 1. Analysis of the references by decades: ■ microfungi ▨ macrofungi.

For each listed taxon synthetic distributive data are provided. The provinces, mountain systems and island groups are indicated by the following symbols: A (Agrigento), C (Catania), Ca (Caronie), Cl (Caltanissetta), E (Enna), Eg (Egadi), Eo (Eolie), Et (Etna), M (Messina), Md (Madonie), P (Palermo), Pa (Pantelleria), Pe (Pelagie), Pl (Peloritani), R (Ragusa), S (Siracusa), T (Trapani). Taxa referred to Sicily without an exact location are indicated with the symbol Sc.

Each symbol is followed, in parentheses, by the number or numbers corresponding to its bibliographic source. Bold-face numbers denote first records for Sicily. The symbol (+) refers to hitherto unpublished records.

In the *Ascomycotina*, the anamorphs are included under their respective holomorphs, even when the anamorphs alone had been reported in the literature. In this case, teleomorph records are preceded by the symbol (!).

As an appendix, fossil fungi and three taxa of uncertain position ("incertae sedis" in Hawksworth & al., 1983) are listed, with reference to the primary sources (Pampaloni 1902, 1903, Rafinesque 1814, Strobl 1888).

In the text hosts and substrata of microfungi are quoted exactly as they appear in the literature sources. In the index at the end of the volume, the correct names of the host plants are given as accepted in modern sources and standard lists such as Pignatti (1982),

Bailey (1925) and Hooker & Jackson (1895-1989), whereas the names of the host animals have been indexed without change. Identification of host plants that are obviously inaccurate (e.g. when these plants do not occur in Sicily) are denoted by an asterisk (*) in the text but have nevertheless been indexed.

Check-list

MYXOMYCOTINA

Myxomycetes

LICEALES

Licea Schrader [*Liceaceae* Chev.]

pusilla Schrader [sub: *Protodermium pusillum* (Schrader) Rost.] (45)
on: putrid wood.
C (214)

TRICHIALES

Arcyria J. Hill [*Arcyriaceae* Rost. ex Cooke]

denudata (L.) Wettst. [sub: *A. punicea* Pers.] (45)
on: *Broussonetia papyrifera* (L.) Vent., *Olea europaea* L.
C (216) P (126)

ferruginea Sauter (45)
on: putrid wood.
C (217)

STEMONITALES

Stemonitis Roth [*Stemonitaceae* Fr.]

fusca Roth (45)
on: putrescent trunks.
C (216)

PHYSARALES

Didymium Schrader [*Didymiaceae* Rost. ex Cooke]

megalosporum Berk. & M. A. Curtis [sub: *D. nigripes* Fr. fo. *eximium* Sacc.] (45)
on: putrid logs.
C (217)

Fuligo Haller [*Fuliginaceae* Chev.]

cinerea (Schwein.) Morgan [sub: °*F. cinerea*] (45)

on: *Rosmarinus officinalis* L., twigs.

C (11) Md (+)

septica (L.) Wiggers [sub: *F. septica* (Link) Gmelin] (45)

on: putrescent leaves.

C (217) Md (+)

Mucilago P. Micheli ex Batt. [*Didymiaceae* Rost.]

crustacea Wiggers [sub: *Spumaria alba* (Bull.) DC.] (45)

on: putrid twigs, putrescent *Gramineae*.

C (217) Et (217) P (+)

Physarum Pers. [*Physaraceae* Rost.]

cinereum (Batsch) Pers. (45)

on: putrid branches.

C (217)

contextum (Pers.) Pers. [sub: *P. contextum* Pers.] (45)

on: putrescent wood.

C (216)

leucophaeum Fr. (45)

on: seeds of *Cynomorium coccineum* L.

C (214)

Plasmodiophoromycetes**PLASMODIOPHORALES****Ligniera** Maire & Tison

?*hypogaea* Borzì [sub: *Rhizomyxa hypogaea* Borzì] (79)

M (19, 20)

Spongospora Brunch. [*Plasmodiophoraceae* Zopf ex Berl.]

subterranea (Wallr.) Lagerh. [sub: °*S. subterranea*] (31)

on: potato.

C (245) M (245) S (245)

MASTIGOMYCOTINA

Chytridiomycetes

CHYTRIDIALES

Rhizophydium B. Schenk

? *messanense* Morini (60)

on: filaments of *Cladophora* sp.

M (158)

Synchytrium de Bary & Woronin [*Synchytriaceae* J. Schröter]

aureum J. Schröter (37)

on: leaves of *Chrysanthemum segetum* L.

C (214)

globosum J. Schröter (16)

on: leaves of *Thapsia garganica* L.

C (214)

taraxaci de Bary & Woronin (31)

on: *Cichoriaceae*.

Et (214)

Oomycetes

SAPROLEGNIALES

Saprolegnia Nees [*Saprolegniaceae* Kütz. ex Warm.]

ferax (Gruith) Thur. (17k)

on: dead flies.

C (214)

PERONOSPORALES

Albugo (Pers.) Roussel ex S. F. Gray [*Albuginaceae* J. Schröter]

? *amaranthacearum* Zisch [sub: *Cystopus amaranthacearum* Zisch] (79)

on: leaves of *Amaranthus graecizans* L.

M (248)

? *bliti* (Biv.-Bern.) de Bary [sub: *Cystopus bliti* (Biv.-Bern.) de Bary, *Uredo bliti* Biv.-Bern.] (60)

on: leaves and stems of *Amaranthus albus* L., *A. graecizans* L.

C (214) Et (212, 213, 234) P (151) Sc (15)

candida (Hook.) Kuntze [sub: *Cystopus candidus* Pers., *C. candidus* (Pers.) Lév.,

Uredo candidus Lév.] (37)

on: *Arabis verna* (L.) R. Br., *Biscutella lyrata* L., **Brassica oleracea* L., *B. rapa* L.,
Calepina irregularis (Asso) Thell., **Camelina microcarpa* Andr., *Capsella bursa-*
pastoris (L.) Medicus, *Cochlearia glastifolia* L., *Diploaxis tenuifolia* (L.) DC,
Erysimum sp., *Sisymbrium* sp.

C (212, 213, 214) Et (214) M (214, 248) S (214)

? *capparidis* de Bary [sub: *Cystopus capparidis* de Bary] (60)

on: leaves of *Capparis spinosa* L.

M (248)

? *convolvulacearum* Speg. [sub: *Cystopus convolvulacearum* Oth.] (60)

on: leaves of *Convolvulus siculus* L.

C (216)

portulacae (DC.) Kuntze [sub: *Cystopus portulacae* (DC.) Lév.] (26)

on: leaves of *Portulaca oleracea* L.

C (212, 213, 214) M (248)

Bremia Regel [*Peronosporaceae* Warm.]

lactucae Regel [sub: *Peronospora gangliiformis* (Berk.) de Bary] (37)

on: *Cynara cardunculus* L., *C. cardunculus* L. subsp. *scolymus* (L.) Hayek, *Lactuca*
sativa L., *Senecio vulgaris* L., *Sonchus asper* (L.) Miller, *S. oleraceus* L., *Sonchus*
sp.

C (212, 213, 214) Et (214)

Peronospora Corda [*Peronosporaceae* Warm.]

affinis Rossm. (31)

on: *Fumaria capreolata* L., *F. officinalis* L.

C (216) Et (216)

arborescens (Berk.) Casp. [sub: *P. arborescens* (Berk.) de Bary] (2)

on: *Papaver rhoeas* L.

C (212, 213, 216) Et (216)

destructor (Berk.) Casp. [sub: *P. schleideni* Unger] (18)

on: *Allium cepa* L., *A. nigrum* L.

C (212, 213, 216) Et (216)

dianthi de Bary (170)

on: leaves of *Silene coronaria* (L.) Clairv.

C (216)

farinosa Kiessl. [sub: °*P. effusa* (Grev.) Rabenh.] (18)

on: *Chenopodium* sp.

C (212, 213, 216)

ficariae (Nees von Esenbeck) Tul. [sub: *P. ficariae* Tul.] (31)

on: *Ranunculus ficaria* L.
C (214)

lamii A. Braun [sub: *P. lamii* (A. Braun) de Bary] (31)
on: *Lamium amplexicaule* L.
C (214)

leptosperma de Bary (31)
on: *Matricaria chamomilla* L.
C (217) Et (217)

parasitica (Pers.) Fr. [sub: *P. parasitica* (Pers.) de Bary] (2)
on: *Brassica oleracea* L. convar. *botrytis*, *B. oleracea* L. convar. *capitata*, *B. rapa* L.,
Erysimum cheiri (L.) Crantz
C (212, 213, 214) Et (214)

rumicis Corda (31)
on: *Rumex* sp.
C (214)

trifoliorum de Bary (2)
on: *Medicago* sp., *Melilotus sulcatus* Desf., *Melilotus* sp., *Trifolium* sp.
C (212, 213, 216)

valerianellae Fuckel (31)
on: *Fedia cornucopiae* (L.) Gaertner
Et (214)

viciae (Berk.) Casp. [sub: *P. viciae* (Berk.) de Bary] (2)
on: *Lathyrus odoratus* L., *Pisum sativum* L.
C (212, 213, 216)

***Phytophthora* de Bary [Pythiaceae J. Schröter]**

cactorum (Leb. & Cohn) J. Schröter (2)
on: fruits of *Citrus aurantium* L., fruits of *C. limon* (L.) Burm., *Feijoa* sp., soil.
C (83, 136) Ca (83) P (83, 84) S (83, 136)

cambivora (Petri) Buisman (37)
on: chestnut-tree, walnut-tree.
Sc (23, 63)

citricola Sawada (2)
on: fruits of *Citrus limon* (L.) Burm., *Feijoa* sp., soil.
C (83, 136) Ca (83) M (83) P (83, 84) R (84) S (83, 136)

citrophthora (Smith) Leonian [sub: *P. citrophthora* (Smith & Smith) Leonian] (2)
on: *Citrus limon* (L.) Burm., neck and roots of lemon-tree, orange-tree, soil.
C (83, 138, 204, 186) M (83, 138, 186) P (83, 84) R (84) S (83) Sc (23, 63, 161, 186) T (84)

***hibernalis* Carne (17a)**

on: lemon, orange-tree, soil.

Ca (83) Et (69, 83) P (83, 84) S (83)

***infestans* (Mont.) de Bary (2)**on: *Lycopersicon esculentum* Miller, *Solanum melongena* L., *S. tuberosum* L.

C (212, 213, 214) Et (214) M (63, 248) P (63, 248) Sc (23, 63)

***nicotianae* v. Breda de Haan var. *nicotianae* (2)**on: *Opuntia ficus-indica* (L.) Miller, orange-tree.

C (138) M (138) Sc (33, 134)

var. *parasitica* (Dast.) Waterhouse [sub: *P. parasitica* Dast.] (2)

on: fruits of orange-tree, soil.

C (204) P (84) Sc (75)

***palmivora* Butler [sub: *P. palmivora* (Butler) Butler] (2)**on: *Chamaedorea elegans* Mart., *Chamaedorea* sp.

C (140) Sc (137)

***reichardiae* Buisman (18)**

Sc (23)

***syringae* Kleb. (2)**on: fruits of *C. limon* (L.) Burm, soil.

C (83) Ca (83) P (83, 84) S (83)

Plasmopara* J. Schröter [*Peronosporaceae* Warm.]**nivea* (Unger) J. Schröter [sub: *Peronospora nivea* (Unger) J. Schröter] (31)**on: *Petroselinum sativum* Hoffm.

C (212, 213, 216) Et (216)

***viticola* (Berk. & M. A. Curtis) Berl. & de Toni [sub: *Peronospora viticola* (Berk. & M. A. Curtis) de Bary] (2)**on: *Vitis rupestris* Scheele, *Vitis vinifera* L.

C (212, 214) Et (212, 213) Md (142, 148) P (32, 128, 148, 151) Sc (23, 63)

Pseudoperonospora* Rostovzev [*Peronosporaceae* Warm.]**urticae* (Lib.) Salmon & Ware [*Peronospora urticae* (Lib.) de Bary] (31)**on: leaves of *Urtica urens* L.

C (217)

Pythium* Pringsh. [*Pythiaceae* J. Schröter]**debaryanum* Hess. (26)**on: *Lycopersicon esculentum* Miller

Md (26)

Sclerospora (J. Schröter) de Bary [*Sclerosporaceae* M. W. Dick]

graminicola (Sacc.) J. Schröter (2)
on: *Triticum durum* Desf.
C (217)

Zygomycetes

MUCORALES

Mortierella Coem. [*Mortierellaceae* E. Fischer]

alpina Peyronel (24)
on: soil.
C (133) S (133)

Mucor P. Micheli: Fr. [*Mucoraceae* Dumort.]

hiemalis Wehmer (78)
on: soil.
S (133)

mucedo (L.) Fresen. [sub: *M. mucedo* L.] (78)
on: putrescent flowers and leaves.
C (216)

racemosus Fresen. [sub: *M. racemosus* Fresen. var. *brunnea* Morini] (78)
on: putrescent starch paste.
C (212, 213, 216) M (158)

Phycomyces Kunze [*Mucoraceae* Dumort.]

nitens Kunze [sub: *P. pirrottianus* Morini] (78)
on: equine dung.
M (158)

Pilobolus Tode [*Pilobolaceae* Corda]

crystallinus (Wiggers) Tode (78)
on: wet equine dung.
C (212, 213)

Rhizopus Ehrenb. [*Mucoraceae* Dumort.]

nigricans Ehrenb. [sub: *R. stolonifer* (Ehrenb. ex Link) Lind] (78)
on: decaying fruits of *Benincasa hispida* (Thunb.) Cogn., decaying leaves, fumaroles, mildewed berries, soil.
C (133, 212, 213, 214) Pa (86) S (133)

ENDOAGONALES

Endogone Link [*Endogonaceae* Sacc.]

fasciculata Thaxter [sub: *Glomus fasciculatum* Gerdemann & Trappe] (78)
on: *Citrus aurantium* L.
C (143) S (143)

macrocarpa Tul. (65)
on: herb.
Pa (46)

mossae Nicolson & Gerdemann [sub: *Glomus mossae* Gerdemann & Trappe] (78)
on: *Citrus aurantium* L.
C (143) S (143)

Glomus Tul. & C. Tul. [*Endogonaceae* Sacc.]

occultum Walker (46)
on: *Citrus* sp. pl.
C (143)

ENTOMOPHTHORALES

Entomophthora Fresen. [*Entomophthoraceae* Nowakowski]

muscae (Cohn) Fresen. [sub: *Empusa muscae* (Fr.) Cohn] (65)
on: flies.
C (212, 213, 216)

ASCOMYCOTINA**CLAVICIPITALES**

Claviceps Tul. [*Clavicipitaceae* (Lindau) Earle]

purpurea (Fr.) Tul. (13)
on: numerous grasses.
C (212, 213) Et (212)

Hypomyces (Fr.) Tul. [*Hypomycetaceae* (Lindau) Earle]

rosellus (Alb. & Schwein.) Tul. [sub: *Trichothecium candidum* Wallr.] (13)
on: putrescent leaves of *Hedera helix* L.
C (216) Sc (85)

DIAPORTHALES***Cryphonectria* (Sacc.) Sacc. [Gnomoniaceae G. Winter]**

parasitica (Murrill) Barr [sub: *Endothia parasitica* (Murrill) H. W. & P. J. Anderson] (17m)

on: chestnut-tree.

C (190) Md (+)

***Diaporthe* Nitschke [Valsaceae Tul. & C. Tul.]**

arctii (Lasch) Nitschke [sub: *D. orthoceras* (Fr.) Nitschke] (13)

on: parched stems of various grasses, dead stems of undetermined *Compositae*.

C (216) Et (216) Sc (243)

? ***cinerascens*** Sacc. (60)

on: *Ficus carica* L.

Et (216, 243)

circumscripta (Fr. ex Mont.) Oth ex Fuckel [sub: *D. spiculosa* (Alb. & Schwein.) Nitschke] (13)

on: dried branches of *Sambucus nigra* L.

Et (216) Sc (243)

eres Nitschke [sub: *Phomopsis incarcerata* Höhnelt] (13f)

Anamorph: ***Phomopsis incarcerata*** Höhnelt

on: *Rosa* sp.

C (113)

! ***leiphaemia*** (Fr.) Sacc. [sub: *Phomopsis quercina* (Sacc.) Höhnelt] (13)

Anamorph: ***Phomopsis quercina*** (Sacc.) Höhnelt

on: *Quercus* sp.

Sc (90)

! ***rudis*** (Fr.) Nitschke (13)

Anamorph: ***Phomopsis citri*** Fawcett

on: *Citrus aurantium* L., *C. limon* (L.) Burm., *C. sinensis* (L.) Osbeck

C (105, 106) M (106)

***Gnomonia* Ces. & de Not. [Gnomoniaceae G. Winter]**

! ***leptostyla*** (Fr.) Ces. & de Not. [sub: *Marssonina juglandis* (Lib.) Sacc.] (13)

Anamorph: ***Marssonina juglandis*** (Sacc.) Magnus

on: *Juglans regia* L.

C (212) Et (212) M (213, 214)

***Leucostoma* (Nitschke) Höhnelt [Valsaceae Tul. & C. Tul.]**

! ***persoonii*** Höhnelt [sub: *Valsa leucostoma* (Pers.) Fr.] (13)

Anamorph: ***Cytospora leucostoma*** Sacc.

on: *Prunus dulcis* (Miller) D.A. Webb
Sc (59)

Valsa Fr. [Valsaceae Tul. & C. Tul.]

ambiens (Pers.: Fr.) Fr. (13)
Anamorph: *Cytospora ambiens* Sacc.
on: dried branches of *Rubus* sp.
C (214, 243)

ceratophora Tul. & C. Tul. (13)
Anamorph: *Cytospora ceratophora* Sacc.
on: barked stakes and branches of chestnut-tree.
C (214) Sc (243)

? ***mediterranea*** de Not. (60)
on: *Olea europaea* L.
C (216) Et (216)

! ***microstoma*** (Pers.) Fr. [sub: *Cytospora microstoma* Sacc.] (13)
Anamorph: *Cytospora microstoma* Sacc.
on: branches of *Prunus* sp.
C (214)

? ***strobi*** Pass. (60)
on: *Pinus* sp.
C (214, 243)

? ***vitis*** (Schwein.) Fuckel (60)
Anamorph: *Cytospora vitis* Mont.
on: *Vitis vinifera* L.
Et (214) Sc (243)

DIATRYPALES

Diatrypella (Ces. & De Not.) Sacc. [*Diatrypaceae* Nitschke]

nitschkei (Fuckel) Tiffany & Gilman [sub: *Cryptovalsa nitschkei* Fuckel] (40g)
on: dead branches of *Fatsia papyrifera* Benth. & Hook.
C (214)

Eutypa Tul. [*Diatrypaceae* Nitschke]

lata (Pers.) Tul. & C. Tul. [sub: *E. lata* (Pers.) Tul.] (13)
on: barked branches of *Acer* sp.
C (216)

ludibunda (Sacc.) Sacc. [sub: *E. ludibunda* Sacc.] (13)
on: bark of *Juglans regia* L.
C (214) Sc (243)

scabrosa (Bull.) Auersw. [sub: *E. scabrosa* (Bull.) Fuckel] (13)

on: fragments of undetermined putrid wood.

C (212, 216) Sc (243)

Eutypella (Nitschke) Sacc. [*Diatrypaceae* Nitschke]

? *alnifraga* (Vahl.) Sacc. (79)

on: *Alnus glutinosa* (L.) Gaertner

P (243)

prunastri (Pers.) Sacc. (13)

on: dried branches of *Prunus* sp.

C (216) Sc (243)

DOTHIDEALES

Auerswaldiella Theissen & Sydow

? *chamaeropsis* (Cooke) Sacc. (60)

on: *Chamaerops humilis* L.

C (53)

Aulographum Lib. [*Aulographaceae* Luttrell]

hederae Lib. [sub: *A. vagum* Desmaz.] (13)

on: dried leaves of *Olea europaea* L.

C (216)

Botryosphaeria Ces. & de Not. [*Botryosphaeriaceae* Theissen & Sydow]

dothidea (Moug.: Fr.) Ces. & de Not. [sub: *Botryosphaeria ribis* Gross. & Dug., *B.*

ribis (Tode ex Fr.) Gross. & Dug., *Dothiorella ribis* Gross. & Doug., *D. ribis*

(Fuckel) Sacc.] (13)

on: *Citrus aurantium* L., *C. limon* (L.) Burm., *C. sinensis* (L.) Osbeck, *Opuntia ficus-indica* (L.) Miller

C (106, 198) M (106) Pe (134, 232) S (72, 106) Sc (23)

! *stevensi* Shoemaker [sub: *Diplodia mutila* (Fr.) Mont.] (13)

Anamorph: *Diplodia mutila* (Fr.) Mont.

on: *Quercus suber* L.

C (90) Et (90) Md (90)

Capnodium Mont. [*Capnodiaceae* (Sacc.) Höhnelt]

salicinum Mont. [sub: *Fumago vagans* Pers.] (13)

on: *Ficus carica* L., *F. elastica* Roxb., *F. rubiginosa* Desf., *Gomphocarpus fruticosus* (L.) Aiton., *Lonicera implexa* Aiton, *Morus alba* L., *M. nigra* L., *Nerium oleander* L., *Olea europaea* L., plants of tobacco, *Vitis vinifera* L.

C (212, 213, 216) Et (234) Sc (23)

Caryospora de Not. [? *Dacampiaceae* Körber]

putaminum (Schwein.) Fuckel [sub: *C. putaminum* (Schwein.) de Not.] (13)
 on: *Prunus persica* (L.) Batsch
 C (217)

Cymadothea Wolf [*Dothideaceae* Chev.]

! ***trifolii*** (Pers.) Wolf [sub: *Polythrincium trifolii* Kunze] (13)
 Anamorph: *Polythrincium trifolii* Kunze
 on: *Trifolium resupinatum* L.
 S (214)

Didymella Sacc. ex Sacc. [*Dothideaceae* Chev. or *Pleosporaceae* Nitschke]

applanata (Niessl) Sacc. [sub: *D. effusa* (Niessl) Sacc.] (2)
 on: dead stems of *Cucurbita pepo* L., dead stems of *Sambucus ebulus* L.
 C (214) Sc (242)

! ***lycopersici*** Kleb. [sub: *Ascochyta lycopersici* Brun., *Diplodina lycopersici* (Cooke) Hallos] (13)
 Anamorph: *Ascochyta lycopersici* (Plowr.) Brun.
 on: *Capsicum* sp, *Cucumis* sp., *Lycopersicon esculentum* Miller
 R (40)

rabiei (Kovach.) v. Arx [sub: *Mycosphaerella rabiei* Kovach.] (40o)
 Anamorph: *Ascochyta rabiei* (Pass.) Labrousse
 on: *Cicer arietinum* L.
 C (174) Sc (23)

trifoliorum Morelet [sub: *Sphaeria trifolii* Pers.] (40s)
 on: **Trifolium hybridum* L.
 P (151) Sc (16)

Didymosphaeria Fuckel [*Didymosphaeriaceae* Munk]

? ***bacchans*** Pass. (60)
 on: dead sarmenta of *Vitis vinifera* L.
 S (214)

epidermidis (Fr.) Fuckel (13)
 on: *Calicotome villosa* (Poiret) Link
 C (214)

? ***minuta*** Niessl (60)
 on: sheaths of *Phragmites australis* (Cavara) Trin.
 C (216)

Dothidella Speg. [*Microthyriaceae* Sacc.]**? fallax** Sacc. (60)on: leaves of *Bothriochloa ischaemon* (L.) Keng

C (217)

Elsinoë Racib. [*Elsinoaceae* Höhnelt ex Sacc. & Trotter]**ampelina** Shear [sub: °*Elsinoë ampelina* de Bary, °*Gloesporium ampelophagum* Cavara, *G. ampelophagum* (Pass.) Sacc.] (13)Anamorph: **Sphaeloma ampelinum** de Baryon: vine-shoots, ripe berries of *Vitis vinifera* L.

C (151, 214) Et (63, 212, 213) Sc (23, 63)

australis Bitancourt & Jenkins (17i)

on: lemon.

C (58)

Eudarlucella Speg. [*Phaeosphaeriaceae* Barr or *Pleosporaceae* Nitschke]**! caricis** (Fr.) O. Eriksson [sub: *Darlucella filum* (Biv.-Bern.) Cast., *Sphaeria filum* Biv.-Bern.] (13)Anamorph: **Sphaerellopsis filum** (Biv.-Bern.: Fr.) Suttonon: acervula of *Puccinia tanacetii* DC. on *Artemisia alba* Turra, green leaves of *Convolvulus sepium* (L.) Br., *Populus nigra* L., *Puccinia phragmitis* (Schumacher)Koern. on *Phragmites australis* (Cavara) Trin., *Hypoxylon bifrons* Biv.-Bern.,*Triticum durum* Desf., *Puccinia convolvuli* Biv.-Bern.

C (214) P (151) Sc (15)

Glonium Muhlenb. [*Hysteriaceae* Chev.]**lineare** (Fr.) de Not. (13)on: vine stakes, wood fragments of *Punica granatum* L.

C (214) Et (214)

Guignardia Viala & Ravaz [*Botryosphaeriaceae* Theissen & Sydow]**bidwellii** (Ellis) Viala & Ravaz [sub: *G. bidwellii* Ellis] (13)

on: vine.

Sc (23)

? marii (de Not.) Sacc. [sub: *Laestadia marii* (de Not.) Sacc.] (60)on: *Nicotiana tabacum* L.

Sc (23)

? socia Penzig [sub: *Guignardia socia* (Penzig) Traverso, *Laestadia socia* Penzig] (60)on: leaves of *Citrus limon* (L.) Burm.

P (151, 170, 242) Sc (152)

***Hysterium* Pers.: Fr. [*Hysteriaceae* Chev.]**

***angustatum* Alb. & Schwein. (13)**

on: *Chamaerops humilis* L., *Corypha australis* R. Br., *Pyrus communis* L.

C (216) Et (214)

***pulicare* Pers. (13)**

on: bark of *Castanea sativa* Miller, *Olea europaea* L., *Vitis vinifera* L.

C (214) Et (214)

***Hysterographium* Corda [*Hysteriaceae* Chev.]**

? *baccarinii* Scalia (60)

on: *Olea europaea* L.

C (214)

? *grammodes* (de Not.) Sacc. (60)

on: *Olea europaea* L.

C (214) Et (214)

***Keissleriella* Höhnelt [*Pleosporaceae* Nitschke]**

! *culmifida* (P. Karsten) Bose [sub: *Septoria oxyspora* Penzig & Sacc.] (13)

Anamorph: *Septoria oxyspora* Penzig & Sacc.

on: leaves of *Arundo donax* L.

C (216)

***Leptosphaeria* Ces. & de Not. [*Leptosphaeriaceae* Barr]**

? *aetnensis* Scalia (60)

on: small branches of *Smilax aspera* L.

Et (212)

***arundinacea* (Sow.) Sacc. (13)**

on: culms of *Phragmites australis* (Cavara) Trin.

S (236)

***coniothyrium* (Fuckel) Sacc. [sub: *Leptosphaeria coniothyrium* Sacc., L.**

coniothyrium Sacc. * *Rosae*, *Coniothyrium fuckelii* Sacc.] (13)

Anamorph: *Coniothyrium fuckeli* Sacc.

on: dead sarmenta of *Rosa sempervirens* L., soil.

C (212, 216) S (133)

***culmifraga* (Fr.) Ces. & de Not. (13)**

on: parched stems of undetermined *Gramineae*.

C (214)

? *gibelliana* Pirota (60)

on: vine-shoots.

P (178)

? *magnusiana* Berl. & Sacc. (60)
on: leaves of *Chamaerops humilis* L.
S (214)

nodorum Müller [sub: *Septoria glumarum* DC.] (17b)
on: wheat.
Sc (23)

? *papyri* Sacc. & Sydow [sub: *L. papyricola* F. Tassi] (60)
on: branches of *Cyperus papyrus* L.
S (236)

vagabunda Sacc. (13)
on: dead branches of *Pyrus communis* L., dried branches of *Rubus* sp.
C (216) Et (212)

Lophiostoma Ces. & de Not. [*Lophiostomataceae* Sacc.]

? *hygrophilum* Sacc. [sub: *Leptosphaeria hygrophilum* Sacc.] (60)
on: culms of *Arundo donax* L.
S (236)

quadrinucleatum P. Karsten [sub: *L. rophaloides* Sacc.] (13)
on: putrid wood of *Castanea sativa* Miller
Et (214)

Meliola Fr. [*Meliolaceae* Martin & Hansford]

? *camelliae* (Catt.) Sacc. (60)
on: leaves and branches of *Camellia japonica* L.
C (212, 213, 216) Et (216)

? *citri* (Briosi & Pass.) Sacc. [sub: *Apiosporium citri* Briosi & Pass., *Limacinia citri* (Briosi & Pass.) Sacc., *Meliola citri* Sacc.] (60)
on: leaves of *Citrus aurantium* L., *C. limon* (L.) Burm.
Et (212, 213, 216) P (29, 30, 152) Sc (23, 151, 170)

? *penzigi* Sacc. [sub: *Limacinia penzigi* Sacc.] (60)
on: *Citrus* sp. pl.
P (152) Sc (23)

Metasphaeria Sacc. [*Phaeosphaeriaceae* Barr or *Pleosporaceae* Nitschke]

clypeosphaerioides Bomm., Rouss. & Sacc. (13)
on: sarmenta of **Rubus fruticosus* L.
Et (216)

! *hederae* (Sow.) Sacc. [sub: *Phoma leucostigma* (DC.) Sacc.] (13)
Anamorph: *Phoma leucostigma* Sacc.
on: leaves of *Euonymus japonicus* L.

C (214)

? *sacculus* (Pass. & Beltr.) Sacc. [sub: *Leptosphaeria sacculus* Pass. & Beltr.] (60)
 on: *Euphorbia dendroides* L.
 C (213, 216) Et (216) P (167)

? *socia* Sacc. (60)
 on: sarmenta of *Vitis vinifera* L.
 C (214)

? *spartii* Brun. (60)
 on: dried small branches of *Spartium junceum* L.
 C (214)

Microthyrium Desmaz. [*Microthyriaceae* Sacc.]

microscopicum Desmaz. (13)
 on: putrescent acorns of *Quercus* sp.
 C (216)

Mycosphaerella Johanson [*Mycosphaerellaceae* Lindau]

brassicicola (Duby) Johanson ex Oudem. [sub: *Sphaerella brassicicola* (Duby) Ces. & de Not.] (13)
 on: *Brassica oleracea* L. convar. *botrytis* infected by *Peronospora parasitica* (Pers.) Fr.,
Brassica oleracea L.
 C (216) Et (212, 216) Sc (242)

buxicola (DC.) Tomilin [sub: *Phyllostictia limbalis* Pers.] (13)
 on: leaves of *Buxus sempervirens* L.
 C (216) Et (212)

dianthi (Burt.) Jørstad [sub: *Heterosporium echinulatum* (Berk.) Cooke] (13)
 on: *Dianthus caryophyllus* L.
 C (212, 213, 214) Sc (85)

fragariae (Tul.) Lindau [sub: *Ramularia tulasnei* Sacc., *Sphaerella fragariae* (Tul.) Sacc., *Septoria fragariae* Desmaz.] (13)
 Anamorph: *Ramularia tulasnei* Sacc.
 on: *Fragaria vesca* L.
 C (212) Et (216, 217) Sc (242)

? *gibelliana* Pass. [sub: *Sphaerella gibelliana* Pass.] (60)
 on: leaves of *Citrus limon* (L.) Burm.
 Et (217) Sc (242)

! *graminicola* (Fuckel) J. Schröter [sub: *Septoria tritici* Roberge] (17q)
 Anamorph: *Septoria tritici* Roberge
 on: *Triticum durum* Desf.
 C (212, 213, 214)

? *gypsophilae* (Lasch.) Fuckel [sub: *Sphaerella gypsophilae* (Lasch.) Fuckel] (79)
on: *Gypsophila arrostii* Guss.
P (242)

hedericola Lindau [sub: *Sphaerella hedericola* (Desmaz.) Cooke, *Sphaeria hedericola* (Desmaz.) Cooke] (13)
on: leaves of *Hedera helix* L.
C (216) Et (212, 213, 216) Sc (242)

? *laburni* Pass. var. *eriobotryae* Scalia [sub: *Sphaerella laburni* Pass. var. *eriobotryae*] (60)
on: leaves of *Eriobotrya japonica* (Thunb.) Lindley
C (216) Et (216)

macrospora (Kleb.) Jørstad [sub: *Heterosporium gracile* (Wallr.) Sacc.] (13)
on: *Iris germanica* L.
Et (214) S (216) Sc (85)

mori (Fuckel) Wolf [sub: *Phloeospora mori* (Lév.) Sacc., *Sphaerella mori* Fuckel] (12)
Anamorph: *Phloeospora maculans* (Bèrèng.) Allescher
on: leaves of *Morus nigra* L., mulberry-tree.
Ca (214) Sc (23)

! *personata* Higgins [sub: *Cercospora viticola* Sacc.] (22)
Anamorph: *Pseudocercospora vitis* (Lév.) Speg.
on: leaves of *Vitis vinifera* L.
Et (212, 213, 214) Sc (85)

pistacina Chitzanidis [sub: *Septoria pistacina* Allescher] (40j)
on: pistachio.
A (225) C (181, 225) Cl (225) E (225) Sc (23)

! *populi* (Auersw.) J. Schröter [sub: *Septoria populi* Desmaz.] (17r)
Anamorph: *Septoria populi* Desmaz.
on: leaves of *Populus nigra* L.
Et (217)

? *praeparva* Pass. & Beltr. [sub: *Sphaerella praeparva* Pass. & Beltr.] (60)
on: culms and bracts of *Juncus acutus* L.
A (167) Sc (242)

? *pteridis* (Desmaz.) de Not. [sub: *Sphaerella pteridis* (Desmaz.) de Not.] (79)
on: *Pteridium aquilinum* (L.) Kuhn
M (242)

punctiformis (Pers.) Starb. [sub: *Phyllosticta maculiformis* Sacc., *Sphaerella maculiformis* (Pers.) Auersw., *S. punctiformis* (Pers.) Rabenh.] (13)
Anamorph: *Phyllosticta maculiformis* Sacc.
on: *Castanea sativa* Miller, *Quercus robur* L.
Et (214) Sc (242)

! pyri (Auersw.) Boerema [sub: *Septoria pyricola* Desmaz.] (17s)

Anamorph: *Septoria pyricola* Desmaz.

on: *Pyrus communis* L.

Ca (212) S (212)

! rosicola Davis ex Deighton [sub: *Cercospora rosicola* Pass.] (17t)

Anamorph: *Cercospora rosicola* Pass.

on: leaves of *Rubus candicans* Weihe.

Ca (214) Sc (85)

sicula (Penzig) Tomilin [sub: *Sphaerella sicula* Penzig] (40r)

on: *Citrus limon* (L.) Burm., leaves of *C. aurantium* L.

C (242) Et (212, 213, 216) P (152, 170, 242)

Myiocopron Speg. [no family]

? licatense Sacc. [sub: *Microthyrium licatense* Pass. & Beltr.] (60)

on: *Opuntia ficus-indica* (L.) Miller

A (167)

? smilacis (de Not.) Sacc. (60)

on: stems of *Smilax aspera* L.

S (235)

Ophiobolus Riess [? *Phaeosphaeriaceae* Barr]

fruticum (Roberge ex Desmaz.) Sacc. (13)

on: parched branches of *Spartium junceum* L.

Et (214)

Ophiosphaerella Speg. [? *Phaeosphaeriaceae* Barr]

herpotricha (Fr.) Walker [sub: *Ophiobolus herpotrichus* (Fr.) Sacc.] (13)

on: putrescent sheaths of some undetermined *Gramineae*, wheat.

C (214) Sc (23)

Paraphaeosphaeria O. Eriksson [*Phaeosphaeriaceae* Barr]

rusci (Wallr.) O. Eriksson [sub: *Leptosphaeria rusci* (Wallr.) Sacc.] (13)

on: *Ruscus aculeatus* L.

Et (214) M (214)

Phaeosphaeria Miyake [*Phaeosphaeriaceae* Barr]

licatensis (Sacc.) Shoemaker & Babcock [sub: *Leptosphaeria thyphicola* Pass. & Beltr.] (40z)

on: leaves of *Typha latifolia* L.

A (167)

recessa (Pass.) Shoemaker & Babcock [sub: *Leptosphaeria recessa* Pass.] (40aa)
 on: putrescent culms of *Arundo donax* L.
 C (212, 216)

Platystomum Trevisan [*Lophiostomataceae* Sacc.]

compressum (Pers.) Trevisan [sub: *Lophidium compressum* (Pers.) Sacc.] (13)
 on: died and decayed wood of vine.
 C (214)

Pleospora Rabenh. ex Ces. & de Not. [*Pleosporaceae* Nitschke]

allii (Klotzsch) Ces. & de Not. [sub: *P. allii* (Rabenh.) Ces. & de Not.] (13)
 on: *Allium porrum* L.
 C (214)

asphodeli Rabenh. (26)
 on: stems of *Asphodelus microcarpus* Salzm. & Viv.
 C (214) Et (214)

herbarum (Pers.) Rabenh. ex Ces. & de Not. [sub: *Pleospora asparagi* Rabenh., *P. herbarum* (Pers.) Rabenh., *P. herbarum* (Pers.) Rabenh. fo. *amaryllidis* Scalia, fo. *bupthalmi* Scalia, fo. *centranthi rubi* Scalia, fo. *cheiranti cheiri* Scalia, fo. *chimonanthi* Scalia, fo. *crini* Scalia, fo. *dahliae* Scalia, fo. *daturae* Scalia, fo. *eribotryae* Scalia, fo. *evonymi* Scalia, fo. *ferulae* Scalia, fo. *lilii-martagonis* Scalia, fo. *limonis* Scalia, fo. *loniceriae* Scalia, fo. *magnoliae* Scalia, fo. *mahoniae* Scalia, fo. *phaseoli* Scalia, fo. *rubiae* Scalia, fo. *rutae* Scalia, fo. *sambuci-nigrae* Scalia, fo. *scillae* Scalia, fo. *scrophulariae* Scalia, fo. *smilacis* Scalia, fo. *viburni* Scalia] (12)

on: *Asparagus officinalis* L., stems of *Centranthus ruber* (L.) DC., stems of *Limonium narbonense* Miller, *Citrus sinensis* (L.) Osbeck, *Corynocarpus laevigata* Forst., *Dahlia variabilis* (Willd.) Desf., dead stems of *Datura arborea* L., dried stems of *Amaryllis belladonna* L., dried stems of **Lilium martagon* L., dried stems of *Sambucus nigra* L., dried stems of *Scrophularia peregrina* L., dried stems of *Smilax aspera* L., dried stems of *Urginea maritima* (L.) Baker, dried small branches of *Phaseolus vulgaris* L., dried small branches of *Ruta chalepensis* L., *Euphorbia cyparissias* L., *Ferula communis* L., leaves of *Citrus limon* (L.) Burm., leaves of *Crinum* sp., leaves of *Eriobotrya japonica* (Thunb.) Lindley, leaves of *Magnolia grandiflora* L., leaves of *Mahonia aquifolium* (Pursh) Nutt., leaves of *Rubia peregrina* L., leaves of *Viburnum tinus* L., *Pallenis spinosa* (L.) Cass., parched stems of *Hyoscyamus* sp., parched stems of *Silene italica* (L.) Pers., putrescent fruits of *Chimonanthus fragrans* Lindl., putrescent leaves of *Euonymus europaeus* L., *Rumex* sp., silique of *Erysimum cheiri* (L.) Crantz, small branches of *Lonicera implexa* Aiton, *Umbilicus horizontalis* (Guss.) DC.

C (214, 216) Et (212, 213, 214, 216) M (214) S (214) Sc (59)

junci Pass. & Beltr. (13)
 on: *Juncus acutus* L.
 A (167)

***montemartinii* Caracc. (75)**on: leaves of *Pistacia vera* L.

A (37, 225) C (225) Cl (225) E (225) P (37) Sc (37)

***oxyacanthae* Pass. & Beltr. (75)**on: **Crataegus oxyacantha* L.

A (167)

***scrophulariae* (Desmaz.) Höhnelt [sub: *P. infectoria* Fuckel, *P. vulgaris* Niessl] (13)**on: *Thapsia garganica* L., parched culms of *Gramineae*.

C (214) Et (20, 214)

Pyrenophora* Fr. [*Pyrenophoraceae* Barr]*? *relicina* (Fuckel) Sacc. (60)**on: culms of *Triticum durum* Desf.

C (214)

***trichostoma* (Fr.) Fuckel [sub: *Helminthosporium teres* Sacc.] (13)**on: *Avena* sp.

C (151)

Sacrothecium* Fr. [*Sacrotheciaceae* Bonorden]**sepincola* (Fr.) Fr. [sub: *Sphaerulina intermixta* (Berk. & Broome) Sacc.] (13)**on: *Rubus* sp.

C (214)

Sporormiella* Ellis & Everh. [*Phaeotrichaceae* Cain]**lageniformis* (Fuckel) Ahmed & Cain [sub: *Sporormia ambigua* Niessl] (13)**

on: equine dung.

Et (217)

***minima* (Auersw.) Ahmed & Cain [sub: *Sporormia minima* Auersw.] (13)**

on: vaccane dung.

C (214)

Teichospora* Fuckel [*Pleosporaceae* Nitschke]*? *oleicola* Pass. & Beltr. (60)**on: wood of *Olea europaea* L.

C (214) P (167)

Trabutia* Sacc. & Roum.*? *quercina* (Rudolphi) Sacc. & Roum. (60)**on: *Corylus avellana* L., leaves of *Quercus* sp., *Pyrus communis* L.

C (216, 242) Et (216) S (216)

***Trematosphaeria* Fuckel [Melanommataceae G. Winter]**

heterospora (de Not.) G. Winter [sub: *Leptosphaeria heterospora* (de Not.) Niessl] (13)
 on: rhizomes of *Iris germanica* L.
 C (217)

***Venturia* Sacc. [Venturiaceae Müller & v. Arx ex Barr]**

! *carpophila* E. Fischer [sub: *Fusicladium amygdali* Ducomet] (17h)
 Anamorph: ***Fusicladium carpophilum*** (Thümen) Oudem.
 on: almond-tree.
 Sc (59)

inaequalis (Cooke) G. Winter [sub: *Fusicladium dendriticum* (Wallr.) Fuckel] (26)
 on: pears.
 Et (214)

pirina Aderh. [sub: *Fusicladium pirinum* (Lib.) Fuckel] (13)
 on: apple-tree, fruits, leaves and branches of *Pyrus communis* L.
 Et (214) P (166) S (214) Sc (23)

ELAPHOMYCETALES***Elaphomyces* Nees [Elaphomycetaceae Tul. ex Paol.]**

citrinus Vittad. (13)
 on: soil.
 Md (147)

ENDOMYCETALES***Nematospora* Peglion [Metschnikowiaceae Kamienski]**

coryli Peglion (37)
 on: *Corylus avellana* L.
 Sc (89)

ERYSIPHALES***Blumeria* Golovin ex Speer [Blumeriaceae Gelyuta]**

graminis (DC.) Speer [sub: *Erysiphe graminis* DC.] (11)
 on: *Avena* sp., *Hordeum* sp., *Phalaris* sp., *Triticum* sp.
 A (165) C (165, 212, 213)

***Erysiphe* R. Hedwig ex DC. [Erysiphaceae Tul. & C. Tul.]**

cichoracearum DC. var. ***cichoracearum*** [sub: *E. cichoracearum* DC., *E. lamprocarpa* (Wallr.) Lév.] (11)

on: *Centaurea parlatoris* Heldr., *Gerbera* sp., *Scrophularia canina* L., *Senecio vulgaris* L.

C (212, 213, 214) Et (214) Sc (104)

communis (Wallr.) Link [sub: *E. communis* (Wallr.) Fr.] (13)

on: *Calendula* sp., *Hedysarum* sp., *Lathyrus* sp., *Limonium narbonense* Miller, *Medicago* sp., *Pisum* sp., *Senecio* sp., *Trifolium* sp., *Xanthium strumarium* L.

C (212, 213, 214) Et (214) M (248) P (63) Sc (23)

martii Lév. (11a)

on: leaves of *Convulvulus arvensis* L., *Fedia cornucopiae* (L.) Gaertner, leaves of *Lathyrus clymenum* L., *Lupinus angustifolius* L., *Pisum sativum* L.

C (212, 214)

polygoni DC. (11)

on: *Hedysarum coronarium* L.

Sc (23)

Leveillula G. Arnaud [*Leveillulaceae* Gelyuta]

taurica (Lév.) G. Arnaud (11)

Anamorph: *Oidiopsis sicula* Scalia, *Oidium gigasporum* Scalia

on: *Ballota rupestris* (Biv.-Bern.) Vis., *Capsicum annuum* L., *Cynara cardunculus* L. subsp. *scolymus* (L.) Hayek, leaves of *Asclepias curassavica* L., *Lycopersicon esculentum* Miller, *Olea europaea* L., *Solanum melongena* L.

C (85, 217, 219) Et (218) P (36, 131) Sc (56, 85, 218)

Microsphaera Lév. [*Erysiphaceae* Tul. & C. Tul.]

alphitoides Griffon & Maublanc [sub: *Oidium quercinum* Thümen] (12)

Anamorph: *Oidium quercinum* (Mesnier) Thümen

on: leaves of *Quercus robur* L., *Quercus* sp.

P (146) Sc (85, 90)

! **euonymi-japonici** Viennot-Bourgin [sub: *Oidium euonymi-japonici* (Arcang.) Sacc.] (11)

Anamorph: *Oidium euonymi-japonici* (Arcang.) Sacc.

on: leaves of *Euonymus japonicus* L.

P (146) Sc (85)

lonicerae (DC.) G. Winter var. **lonicerae** [sub: *M. lonicerae* (DC.) G. Winter] (11)

on: leaves of **Lonicera caprifolium* L.

Et (216)

penicillata (Wallr.: Fr.) Lév. [sub: *M. penicillata* (Wallr.) Lév.] (11)

on: leaves of *Lonicera implexa* Aiton

Et (212, 213)

platani Howe (11)

on: *Platanus orientalis* L.

A (224) C (224) M (224) P (224)

quercina (Schwein.) Burr. [sub: *M. quercina* Burr.] (11a)
on: *Quercus petraea* (Mattuschka) Liebl., *Quercus* sp.
Ca (248) M (248) Sc (23)

Phyllactinia Lév. [Erysiphaceae Tul. & C. Tul.]

guttata (Wallr.: Fr.) Lév. [sub: *Erysiphe vagans* Biv.-Bern., *Phyllactinia suffulta* (Reb.) Sacc.] (11)
on: *Buxus sempervirens* L., *Corylus avellana* L., **Fraxinus excelsior* L., *Fraxinus ornus* L., leaves of *Mespilus* sp., *Olea europaea* L., *Pyrus communis* L., *Ulmus minor* Miller
A (225) C (212, 225) Cl (225) E (225) Et (213, 214) P (151) Sc (15, 89)

Podosphaera Kunze [Erysiphaceae Tul. & C. Tul.]

clandestina (Wallr.: Fr.) Lév. var. *clandestina* [sub: *P. oxyacanthae* (DC.) de Bary] (11)
on: leaves of **Crataegus oxyacantha* L.
Et (212, 213, 216)

tridactyla (Wallr.) de Bary [sub: *P. clandestina* var. *tridactyla* (Wallr.) W. B. Cooke, *P. oxyacanthae* var. *tridactyla* (Wallr.) Salmon] (13)
on: apricot-tree.
Sc (23)

Sawadaia Miyabe ex Sawada [Erysiphaceae Tul. & C. Tul.]

! *bicornis* (Wallr.: Fr.) Homma [sub: *Oidium aceris* Rabenh.] (11)
Anamorph: *Oidium aceris* Rabenh.
on: *Acer campestre* L., *A. pseudoplatanus* L.
Sc (85)

Sphaerotheca Lév. [Erysiphaceae Tul. & C. Tul.]

castagnei Lév. (11a)
on: leaves of *Plantago psyllium* L., *Plantago* sp.
C (212, 213, 216)

pannosa (Wallr.: Fr.) Lév. [sub: *Oidium leucoconium* Desmaz., *Sphaerotheca pannosa* (Wallr.) Lév.] (11)
Anamorph: *Oidium leucoconium* Desmaz.
on: small branches of *Prunus persica* (L.) Batsch, leaves, stalks and shoots of rose.
C (213, 214) Et (212, 214, 216) Sc (59, 85)

Uncinula Lév. [Erysiphaceae Tul. & C. Tul.]

clandestina (Biv.-Bern.) Schroet var. *clandestina* [sub: *Erysiphe clandestina* Biv.-Bern.] (11)

on: leaves of *Ulmus minor* Miller
Et (234) P (151) Sc (15)

necator (Schwein.) Burr. var. **necator** [sub: *Erysiphe tuckeri* Berk., *Oidium tuckeri* Berk.] (11)

Anamorph: *Oidium tuckeri* Berk.

on: *Beta vulgaris* L., *Ceratonia siliqua* L., *Phaseolus vulgaris* L., *Prunus persica* (L.) Batsch, **Salix triandra* L., *Solanum nigrum* L., shoots and fruits of *Vitis vinifera* L.

C (212, 214) M (247) P (124, 141) Sc (63, 85)

EUROTIALES

Emericella Berk. & Broome [*Trichocomaceae* E. Fischer]

? **erythrospora** Borzì [sub: *Inzengaea erythrospora* Borzì] (60)

on: olive.

Pl (18, 21)

! **nidulans** (Eidam) Vuill. [sub: °*Aspergillus nidulans*] (13)

Anamorph: *Aspergillus nidulans* (Eidam) G. Winter

on: *Citrus limon* (L.) Burm.

M (3)

Eurotium Link: Fr. [*Trichocomaceae* E. Fischer]

chevalieri Mangin [sub: *Gloeosporium anceps* Sacc.] (72)

on: leaves of *Arbutus unedo* L.

P (146)

var. **intermedium** Thom & Raper (56)

on: soil.

S (133)

herbariorum (Wiggers) Link (13)

Anamorph: *Aspergillus glaucus* (P. Micheli: Fr.) Link

on: putrescent branches, leaves and fruits, wet plants in the Herbaria.

C (212, 213, 216) Et (216) S (216)

GYMNOASCALES

Arthroderma Berk. [*Gymnoascaceae* Baranetzky]

benhamiae Ajello & Cheng. [sub: °*A. benhamiae*] (24)

on: sand.

M (239)

! **quadrifidum** Dawson & Gentles [sub: *Trichophyton terrestre* Durie & Frey] (13)

Anamorph: *Trichophyton terrestre* Durie & Frey

on: sand, volcanic soil.

Et (38) M (239, 240)

tuberculatum Kuehn. [sub: °*A. tuberculatum*] (24)

on: sand.

M (240)

Auxarthron Orr & Plunkett [*Gymnoascaceae* Baranetzky]

thaxteri (Kuehn.) Orr & Kuehn. [sub: °*A. thaxteri*] (24)

on: volcanic soil.

Et (38) M (240)

Gymnoascus Baranetzky [*Gymnoascaceae* Baranetzky]

umbrinus Boud. [sub: *Auxarthron umbrinum* (Boud.) Orr & Plunkett] (13)

on: volcanic soil.

Et (38)

Nannizzia Stockdale [*Gymnoascaceae* Baranetzky]

! *cajetani* Ajello [sub: *Microsporum cookei* Ajello] (13)

Anamorph: *Microsporum cookei* Ajello

on: volcanic soil.

Et (38)

! *grubya* Georg., Ajello & Friedman [sub: °*Microsporum vanbreuseghemi*] (24)

Anamorph: *Microsporum vanbreuseghemi* Georg. et al.

on: sand.

M (239)

! *gypsea* (Nannizzi) Stockdale [sub: °*Microsporum gypseum*] (13)

Anamorph: *Microsporum gypseum* (Bodin) Guiart & Grig.

on: sand.

M (239, 240)

HELOTIALES

Botryotinia Whetzel [*Sclerotiniaceae* Whetzel]

fuckeliana (de Bary) Whetzel [sub: *Botrytis acinorum* Pers., *B. cinerea* Pers., *B. vulgaris* Fr., *Sclerotinia fuckeliana* de Bary] (13)

Anamorph: *Botrytis cinerea* Pers.

on: *Citrus aurantium* L., *C. limon* (L.) Burm., *C. sinensis* (L.) Osbeck, *Ficus carica* L., fumaroles, *Opuntia ficus-indica* (L.) Miller, *Pelargonium* sp., plants of tomato, sclerotia, *Vitis vinifera* L.

C (212, 214) Et (39, 212, 213, 214) M (106) Pa (86) Sc (23, 85)

Bulgaria Fr. [*Bulgariaceae* Fr.]

inquinans (Pers.) Fr. [sub: *B. inquinans* Fr.] (13)

on: died wood.
Ca (13)

Cenangium Fr. [*Cenangiaceae* Rehm]

? ***vagabundum*** Sacc. [sub: *Tympanis vagabunda* Pass. & Beltr.] (60)
on: *Pistacia terebinthus* L., branches of *Rosa* sp., *Rubus* sp.
P (167)

Ciboria Fuckel [*Sclerotiniaceae* Whetzel]

? ***subularis*** Bull. [sub: *Peziza subularis* Bull.] (60)
P (126)

Dasyscyphus S. F. Gray [*Hyaloscyphaceae* Nannf.]

clandestinus (Bull.) Fuckel [sub: *Dasyscypha clandestina* (Bull.) Fuckel] (13)
on: putrescent stems of *Centranthus ruber* (L.) DC.
Et (216)

Durella Tul. & C. Tul. [*Helotiaceae* Rehm]

? ***oleae*** Pass. & Beltr. (60)
on: *Olea europaea* L.
C (214) P (167)

Heterosphaeria Grev. [*Heterosphaeriaceae* Rehm]

patella (Tode) Grev. (13)
on: small branches of *Satureja* sp.
Ca (214)

Hymenoscyphus S. F. Gray [*Helotiaceae* Rehm]

fructigenus (Bull.) S. F. Gray [sub: *Peziza fructigena* Bull.] (23)
on: fallen acorns of *Quercus ilex* L.
P (126)

herbarum (Pers.) Dennis [sub: *Helotium herbarum* (Pers.) Fr.] (13)
on: parched stems of *Scrophularia* sp., putrescent stems.
Et (212, 213, 214)

Lachnum Retz. [*Hyaloscyphaceae* Nannf.]

? ***rubiginosa*** Pass. & Beltr. [sub: *Lachnella rubiginosa* Pass. & Beltr.] (60)
on: *Olea europaea* L.
P (167)

Leotia Pers. [*Leotiaceae* Corda]**lubrica** (Scop.) Pers. [sub: *L. lubrica* Pers.] (13)

on: moss.

P (126)

Mollisia (Fr.) P. Karsten [*Mollisiaceae* Rehm]**cinerea** (Batsch) P. Karsten (13)on: putrid wood of *Castanea sativa* Miller

Et (214)

Monilinia Honey [*Sclerotinaceae* Whetzel]**! fructigena** Honey ex Whetzel [sub: *Monilia fructigena* Pers.] (13)Anamorph: **Monilia fructigena** Pers.on: fruits of *Malus domestica* Borkh., *Prunus cerasus* L., *P. domestica* L., *P. persica* (L.) Batsch, *Pyrus communis* L.

C (212, 213, 216) Et (216) Sc (23)

laxa (Aderh. & Ruhl) Hooney ex Whetzel [sub: *Sclerotinia laxa* Aderh. & Ruhl, *S. cinerea* J. Schröter] (13)Anamorph: **Monilia laxa** (Ehrenb.) Sacc.on: *Prunus domestica* L., *P. dulcis* (Miller) D.A. Webb, *P. persica* (L.) Batsch

Sc (59)

Pezizella Fuckel [*Pezizellaceae* Velen.]**? elaeina** Sacc. [sub: *Niptera elaeina* Pass. & Beltr.] (60)on: *Olea europaea* L.

P (167)

Phacidium Fr. [*Phacidiaceae* Fr.]**! multivalve** (DC.) Schumacher [sub: *Ceuthospora phacidioides* Grev. var. *oleae* Scalia] (13a)Anamorph: **Ceuthospora phacidioides** Grev. var. *oleae* Scaliaon: *Olea europaea* L.

C (214)

Pseudopeziza Fuckel [*Dermateaceae* Fr.]**medicaginis** (Lib.) Sacc. (13)on: leaves of *Medicago lupulina* L., *M. sativa* L., *Melilotus sulcatus* Desf.

C (212, 216) Et (216) S (214)

trifolii (Biv.-Bern.) Fuckel [sub: *Ascobolus trifolii* Biv.-Bern., *?Pseuda peziza* Biv.-Bern.] (13b)on: **Trifolium hybridum* L., *Trifolium* sp.

C (213) Et (212) P (151) Sc (16)

Sclerotinia Fuckel [*Sclerotiniaceae* Whetzel]

sclerotiorum (Lib.) de Bary [sub: *S. libertiana* Fuckel] (13)
 on: *Citrus limon* (L.) Burm., *Gerbera* sp., orange-tree, plants of fennel, *Poncirus trifoliata* Rafin. x *Citrus sinensis* Osbeck, *Vicia faba* L.
 C (12, 81) M (12) R (12) S (12) Sc (23, 78, 104, 121)

trifoliorum Eriksson (13)
 on: *Vicia faba* L.
 Sc (23)

Stamnaria Fuckel [*Helotiaceae* Rehm]

persoonii (Pers.) Fuckel [sub: *S. equiseti* (Hoffm.) Sacc.] (13)
 on: stems of *Equisetum* sp.
 C (213)

Stromatinia (Boud.) Boud. [*Sclerotiniaceae* Whetzel]

! **narcissi** Drayton & Groves [sub: *Sclerotium ambiguum* Duby var. *narcissi* Sacc.] (13)
 Anamorph: *Sclerotium ambiguum* Duby var. *narcissi* Sacc.
 on: *Narcissus* sp.
 P (146)

Trichoglossum Boud. [*Geoglossaceae* Corda]

hirsutum (Fr.) Boud. [sub: *Geoglossum hirsutum* Fr.] (13)
 on: woody untilled lands, moss.
 P (126)

HYPOCREALES**Gibberella** Sacc. [*Hypocreaceae* de Not.]

baccata (Wallr.) Sacc. [sub: *Fusarium lateritium* Nees, *F. limoni* Briosi, *Fusisporium limoni* Briosi, *Gibberella baccata* (Wallr.) Sacc.] (13)
 Anamorph: *Fusarium lateritium* Nees
 on: *Citrus limon* (L.) Burm., *C. sinensis* (L.) Osbeck., orange-tree, soil.
 C (12, 106, 133, 138, 187, 188) M (12, 106, 138) R (12) S (12, 133, 138, 187, 188)
 Sc (85, 106, 151, 152, 170, 199)

! **cyanogena** (Desmaz.) Sacc. [sub: *Fusarium sulphureum* Schlechtend.] (13)
 Anamorph: *Fusarium sulphureum* Schlechtend.
 on: soil.
 C (187) S (187)

! **fujikuroi** (Sawada) Ito [sub: *Fusarium moniliforme* Sheldon] (13)
 Anamorph: *Fusarium moniliforme* Sheldon
 on: cheese-rind.

Md (+)**Nectria** Fr. [*Nectriaceae* Tul. & C. Tul.]***cinnabarina*** (Tode: Fr.) Fr. (13)Anamorph: ***Tubercularia vulgaris*** Tode: Fr.on: dried and putrid small branches, *Ribes* sp.

C (212, 213, 214) Sc (23, 85)

coccinea (Pers.) Fr. (13)

on: old carious stakes.

C (214)

ditissima Tul. & C. Tul. [sub: °*N. ditissima* Fr.] (13)on: *Corylus avellana* L.

Sc (89)

! *galligena* Bres. [sub: *Cylindrocarpon mali* (Allescher) Wollenw.] (17d)Anamorph: ***Cylindrocarpon heteronemum*** (Berk. & Br.) Wollenw.on: *Pyrus communis* L.

Et (87)

inventa Pethybridge [sub: *Verticillium tenerum* (Nees : Pers.) Link] (29)

on: soil.

S (133)

! *radicicola* Gerlach & Nilsson [sub: *Cylindrocarpon destructans* (Zins.) Scholten]

(13)

Anamorph: ***Cylindrocarpon destructans*** (Zins.) Scholtenon: soil, *Strelitzia reginae* Aiton, *Vitis vinifera* L.

C (107, 110) S (133)

! *tawa* Dingley [sub: °*Cylindrocarpon obtusisporum*] (13)Anamorph: ***Cylindrocarpon obtusisporum*** (Cooke & Harkn.) Wollenweb.on: *Gerbera* sp., *Vitis vinifera* L.

C (102) Sc (117)

? *vulgaris* Speg. (60)

on: putrid branches of orange-tree.

P (151)

LABOULBENIALES**Laboulbenia** Mont. & Robin. [*Laboulbeniaceae* G. Winter]***acupalpi*** Speg. (59)on: *Acupalpus elegans* Dej (Carabidae)

C (192)

cristata Thaxter (79)

on: *Paederus longipennis* Erichs.
Sc (61)

ophoni Thaxter (13)
on: *Ophonus* sp.
Sc (61)

picardii Maire (59)
on: *Porotachys bisulcatus* Nicolaj (Carabidae)
P (192)

rougetii Mont. & Robin (13)
on: *Brachinus bellicosus* Duft., *Brachinus* sp. pl.
Sc (61) T (61)

variabilis Thaxter (79)
on: *Chlaenius vestitus* Payk.
Sc (61)

Misgomyces Thaxter [*Laboulbeniaceae* G. Winter]

dyschirii Thaxter (13)
on: *Dyschirius rugicollis* Fairm.
T (192)

Rhachomyces Thaxter [*Laboulbeniaceae* G. Winter]

stipitatus Thaxter (79)
on: *Duvalius siculus* Baudi
P (193)

LECANIDIALES

Lecanidion Endl. [*Lecanidiaceae* Eriksson]

atratum (R. Hedwig) Rabenh. (13)
on: branches of *Erythrina* sp., putrescent cladophylles of *Opuntia ficus-indica* (L.)
Miller, putrescent small branches of *Rubus* sp., rotting wood fragments, *Vitis*
vinifera L.
C (212, 214) Et (214)

LECANORALES

Dactylospora Körber [*Dactylosporaceae* Bellemère & Hafellner]

stygia (Berk. & M. A. Curtis) Hafellner [sub: *Karschia nigerrima* Sacc.] (13)
on: parched wood of *Olea europaea* L.
C (217) Et (217)

Melaspilea* Nyl. [*Melaspileaceae* Wa. Watson]*? *opegraphoides* Nyl. (79)**on: branches of *Periploca* sp.

Pe (233)

MICROASCALES***Microascus* Zukal [*Microascaceae* Lutrell ex Malloch]*****trigonosporus* Emmons & Dodge (24)**

on: soil.

S (133)

OPHIOSTOMATALES***Ceratocystis* Ellis & Halst. [*Ophiostomataceae* Nannf.]*****fimbriata* Ellis & Halst. [sub: *C. fimbriata* (Ellis & Halst.) Davidson fo. *platani* Walter] (13)**on: *Platanus orientalis* L.

R (91, 93) S (93)

***ulmi* (Buisman) C. Moreau [sub: *Graphium ulmi* Schwartz] (13)**Anamorph: *Pesotum ulmi* (Schwartz) Crane & Schoknechton: *Ulmus* sp.

E (154) Et (154) P (154)

OSTROPALES***Phragmonaevia* Rehm [no family]****? *laetissima* (Ces.) Rehm (60)**on: stems of *Equisetum palustre* L.

C (212, 216)

Triblidium* Rebent. [*Triblidiaceae* Rehm]*? *rophalascum* Sacc. (60)**on: *Vitis vinifera* L.

C (214)

PEZIZALES***Aleuria* Fuckel [*Humariaceae* Velen.]*****aurantia* (Pers.) Fuckel [sub: *Peziza aurantia* Fuckel] (13)**

E (11) M (11)

Ascobolus Pers. [*Ascobolaceae* Boud. ex Sacc.]

furfuraceus Pers. [sub: *A. furfuraceus* Biv.-Bern., *A. furfuraceus* Pers., *A. purpuraceus* Biv.-Bern.] (13)
on: vaccine dung.
C (214) P (151) Sc (16)

Balsamia Vittad. [*Balsamiaceae* E. Fischer]

vulgaris Vittad. (13)
Md (147)

Genea Vittad. [*Geneaceae* Trappe]

verrucosa Vittad. (13)
A (147) Md (147)

Helvella L. [*Helvellaceae* Fr.]

acetabulum (L.) Quélet [sub: *Peziza acetabulum* L.] (13)
Et (2) P (2) Sc (126)

? *clypeata* (Pers.) Boud. [sub: *Acetabula clypeata* (Pers.) Boud.] (15)
Pa (46)

crispa (Scop.) Fr. [sub: *H. crispa* Fr., *H. crispa* Scop. ex Fr.] (13)
E (11) Md (+) P (126, 246) Sc (2) T (48)

elastica Bull. [sub: *H. elastica* (Bull. ex St. Amans) Dissing, *H. panormitana* Inzenga, *Leptopodia elastica* (Bull.) Boud.] (13)
Et (11) P (126) Pa (47)

fusca Gillet (13)
Ca (11)

lacunosa Afzel [sub: *H. lacunosa* Afzel ex Fr., *H. sulcata* Afzel] (13)
Ca (11, 248) P (126) Pa (46) Sc (2)

Humaria Fuckel [*Humariaceae* Velen.]

hemisphaerica (Wiggers) Fuckel [sub: *Peziza hemisphaerica* Wiggers] (13)
on: moss.
P (126)

Hydnocystis Tul. [*Pezizaceae* Dumort.]

? *beccarii* Mattiolo (60)
Sc (147)

? *piligera* Tul. & C. Tul. (60)

C (11)

Lasiobolus Sacc. [*Thelebolaceae* (v. Brummelen) Eckblad]

? *pulcherrimus* (Crouan) Rehm (60)

on: equine dung.

Et (217)

Morchella Dill.: Pers. [*Morchellaceae* Rchb.]

conica Pers. (13)

C (214) Et (13)

esculenta (L.) Pers. [sub: *M. esculenta* Pers., *M. rotunda* (Pers. ex Fr.) Boud.] (13)

Et (11, 212, 213, 214) Md (11) P (126)

? *hybrida* Pers. (60)

C (212)

vulgaris (Pers.) Boud. (13)

C (11)

Neottiella (Cooke) Sacc. [*Humariaceae* Velen.]

rutilans (Fr.) Dennis [sub: *Peziza rutilans* Fr.] (13)

on: moss.

P (126)

Otidea (Pers.) Bonorden [*Otideaceae* Eckblad]

alutacea (Pers.) Massee [sub: *Peziza cochleata* Berg., *P. cochleata* L.] (13)

Et (216) P (126)

? *auricula* (Schaeff.) Cooke (60)

M (11) S (11)

cochleata (L.) Fuckel [sub: *Peziza bufonia* Pers.] (13)

P (126)

onotica (Pers.) Fuckel [sub: *O. onotica* Pers. ex Fuckel] (13)

Ca (11) M (11)

Peziza Fr. [*Pezizaceae* Dumort.]

ammophila Durieu & Mont. (13)

C (53)

ampliata Pers. (13)

P (126)

badia Pers. (13)
S (11)

cerea Sow. (13)
C (214) P (126)

proteana (Boud.) Seaver [sub: °*P. proteana* fo. *sparassoides*] (13)
R (88)

? *sepiatrella* Sacc. var. *sicula* Scalia (60)
Et (214)

vesiculosa Bull. [sub: *Aleuria vesiculosa* (Bull.) Gillet, *P. vesiculosa* Bull. ex St. Amans, *P. vesiculosa* (Bull.) Cham.] (13)
C (11) M (11) P (122) Pa (45) T (48)

violacea Pers. (13)
P (126)

***Pseudoplectania* Fuckel [Sarcosomataceae Kobayasi]**

nigrella (Pers.) Fuckel [sub: *Peziza nigrella* Pers.] (13)
P (126)

***Saccobolus* Boud. [Ascobolaceae Boud. ex Sacc.]**

glaber (Pers.) Lambotte [sub: *Ascobolus glaber* Biv.-Bern., *Saccobolus kervernii* (Cr.) Boud.] (13)
on: vaccine dung.
C (214) Md (183) P (151) Sc (16)

***Sarcoscypha* (Fr.) Boud. [Sarcosomataceae Kobayasi]**

coccinea (Scop.) Lambotte [sub: °*S. coccinea* (Jacq.) Cooke, *S. coccinea* (Fr.) Lambotte] (13)
Ca (11) Pa (47) T (48)

***Sarcosphaera* Auersw. [Pezizaceae Dumort.]**

coronaria (Jacq.) J. Schröter [sub: *Peziza sicula* Inzenga] (13c)
P (126)

***Scutellinia* (Cooke) Lambotte [Humariaceae Velen.]**

hirta (Schumacher) Cooke [sub: *Lachnea hirta* Schumacher] (13)
on: wood.
M (158)

Terfezia (Tul.) Tul. [*Terfeziaceae* E. Fischer]

arenaria (Moris) Trappe [sub: *T. leonis* Tul.] (13)
C (126, 145, 214) M (248) R (126) Sc (147)

boudieri Chatin (2)
C (214)

? **fanfani** Mattiolo (60)
E (147)

Tuber P. Micheli ex Wiggers [*Tuberaceae* Dumort.]

aestivum Vittad. [sub: °*T. cibarium* Pers. ex Targ.] (13d)
P (126, 246) C (235)

borchii Vittad. (13)
A (147) Md (147)

? **lacunosum** Mattiolo (60)
C (214) Sc (147)

rufum Pico (13)
Md (147)

POLYSTIGMATALES**Glomerella** Spaulding & Schrenk [*Phyllachoraceae* Theissen & Sydow]

! **cingulata** (Stonem.) Spaulding & Schrenk [sub: *Colletotrichum gloeosporioides* Penzig, *Gloeosporium crini* Sacc., *G. fructigenum* Berk., *G. hesperidearum* Catt., *G. intermedium* Sacc. fo. *jasmini-arabicae* Scalia, *G. oleandri* Sacc., *G. olivarum* Alm.] (13)

Anamorph: *Colletotrichum gloeosporioides* (Penzig) Penzig & Sacc.,
Gloeosporium fructigenum Berk.

on: citron, *Citrus aurantium* L., *C. clementei* Hort., *C. limon* (L.) Burm., *C. sinensis* (L.) Osbeck, *Ficus carica* L., *Jasminum* sp., leaves of *Citrus* sp. pl., leaves of *Crinum* sp., leaves of *Nerium oleander* L., *Olea europaea* L.

C (68, 103, 106, 109, 220, 222) M (151, 152, 170, 214) P (24, 25, 146) S (94, 95)
Sc (25, 98)

Massaria de Not. [*Massariaceae* Nitschke]

? **platani** Ces. (60)
on: small branches of *Platanus orientalis* L.
C (214)

Phyllachora Nitschke ex Fuckel [*Phyllachoraceae* Theissen & Sydow]

cynodontis (Sacc.) Niessl (51)

on: *Cynodon dactylon* Pers.
C (212, 213, 216)

graminis (Pers.) Fuckel (13)
on: leaves of *Andropogon distachyus* L., *Dactylis* sp., *Panicum* sp.
C (212, 213, 216)

? **trifolii** (Pers.) Fuckel (60)
on: leaves of *Trifolium stellatum* L.
C (216)

Polystigma DC. [*Phyllachoraceae* Theissen & Sydow]

ochraceum (Vahl) Sacc. (26)
on: almond-tree.
Sc (59)

! **rubrum** (Pers.) DC. [sub: *Polystigmina rubra* (Desmaz.) Sacc. β *amygdali* Desmaz.]
(13)
Anamorph: *Polystigmina rubra* Sacc.
on: *Prunus domestica* L., *P. dulcis* (Miller) D. A. Webb
Et (217) Sc (23)

RHYTISMATALES

Hypoderma de Not. [*Rhytismataceae* Chev.]

? **aurantii** Biv.-Bern. (60)
on: leaves of *Citrus aurantium* L., *Ulmus minor* L.
Et (234) P (151) Sc (15)

commune (Fr.) Duby (13)
on: parched stems of *Thapsia garganica* L.
Et (214)

Lophodermium Chev. [*Rhytismataceae* Chev.]

arundinaceum (Schrader: Fr.) Chev. (13)
on: culms of *Phragmites australis* (Cavara) Trin.
C (216) S (216)

maculare (Fr.) de Not. (13)
on: leaves of *Quercus* sp.
Et (214)

pinastri (Schrader) Chev. (13)
on: leaves of *Pinus pinea* L.
Et (213)

Propolis (Fr.) Corda [*Rhytismataceae* Chev.]**panizzei** (de Not.) Sherwood [sub: *Stictis pannizzei* de Not.] (40w)on: *Olea europaea* L.

Sc (23)

Rhytisma Fr. [*Rhytismataceae* Chev.]**acerinum** (Pers.) Fr. (13)on: leaves of *Acer* sp.

P (214)

SORDARIALES**Chaetomium** Kunze [*Chaetomiaceae* G. Winter]**cellulolyticum** Chahal & D. Hawksw. (24)

on: fumaroles.

Pa (86)

elatum Schumacher & Kunze [sub: *C. comatum* var. *helicotrichum* Sacc., *C. pannosum* Wallr.] (13e)on: goat dung, putrid paper, pith of *Sambucus* sp.

C (214, 242)

globosum Kunze [sub: *C. fieberi* Corda, *C. globosum* Kunze ex Steudel] (13)

on: caules, putrid paper, soil.

C (214) S (133) Sc (242)

! piluliferum J. Daniels [sub: °*Botryotrichum piluliferum*] (13)Anamorph: *Botryotrichum piluliferum* Sacc. & Marchal

on: sand, soil, volcanic soil.

C (133) Et (38) M (239) S (133)

Cercophora Fuckel [*Lasiosphaeriaceae* Nannf.]**coprophila** (Fr.) Lundq. [sub: *Podospora coprophila* (Fr.) G. Winter, *Sordaria coprophila* (Fr.) Ces. & de Not.] (13)

on: asinine dung.

C (214) Sc (242)

Dichlaena Durieu & Mont. [° *Chaetomiaceae* G. Winter]**bovina** (Scalia) Booth [sub: *Thielavia bovina* Bacc.] (9)

on: vaccine dung.

C (214)

Fracchiacea Sacc.**? heterogenea** Sacc. (60)

on: dried small branches.

C (214) Sc (242)

Nitschkia Otth. ex P. Karsten [*Nitschkiaceae* (Fitzp.) Nannf.]

cupularis (Pers.) P. Karsten [sub: *Coelosphaeria cupularis* (Pers.) P. Karsten] (13)

on: bark of *Mespilus* sp., small branches of *Prunus* sp.

C (216) Sc (242)

Schizothecium Corda [*Lasiosphaeriaceae* Nannf.]

conicum (Fuckel) Lundq. [sub: *Podospora curvula* (de Bary) G. Winter, *Sordaria curvula* de Bary] (13)

on: vaccine dung.

C (214, 242)

Sordaria Ces. & de Not. [*Sordariaceae* G. Winter]

fimicola (Roberge ex Desmaz.) Ces. & de Not. [sub: *Hypocpra fimicola* (Roberge) Sacc.] (13)

on: vaccine dung.

C (217) Sc (242)

humana (Fuckel) G. Winter [sub: *Hypocpra humana* Fuckel] (13)

on: human dung.

C (217) Sc (242)

Thielavia Zopf [?] *Chaetomiaceae* G. Winter]

basicola Zopf (13)

on: *Lycopersicon esculentum* Miller

Md (26)

hyrcania Nicot (44)

on: soil.

C (133)

SPHAERIALES

Amphisphaeria Ces. & de Not. [*Amphisphaeriaceae* G. Winter]

? *perpusilla* Pass. & Beltr. (60)

on: *Olea europaea* L.

P (167)

? *posidoniae* (Durieu & Mont.) Ces. & de Not. (60)

on: immersed stems of *Posidonia oceanica* (L.) Delile

S (236)

smaragdina (Ces.) Schrantz [sub: *Didymosphaeria smaragdina* (Ces.) Sacc.] (40m)

on: leaves of *Phoenix dactylifera* L.
C (214)

***Anthostomella* Sacc. [Xylariaceae Tul. & C. Tul.]**

appendiculosa (Berk. & Broome) Sacc. (13)
on: sarmenta of *Rubus fruticosus* L.
Et (216, 242)

contaminans (Durieu & Mont.) Sacc. [sub: °*A. contaminans*] (33)
on: *Chamaerops humilis* L., leaves of *Phoenix dactylifera* L.
C (6, 214, 242) R (242) S (214)

spartii Berl. & Vogl. (33)
on: parched small branches of *Spartium junceum* L.
Et (214, 242)

***Apiospora* Sacc. [Amphisphaeriaceae G. Winter]**

! *montagnei* Sacc. [sub: *Coniosporium arundinis* (Corda) Sacc., *C. bambusae* (Thümen & Bolle) Sacc.] (13, 28)
Anamorph: ***Papularia arundinis*** (Corda) Fr.
on: *Arundo donax* L., culms of *Nastus borbonicus* Gmelin, *Phragmites australis* (Cavara) Trin.
C (212, 214, 216) Et (214) M (214) S (214) Sc (85)

***Chaetosphaeria* Tul. & C. Tul. [Trichosphaeriaceae G. Winter]**

pulviscula (Currey) C. Booth [sub: *Zignoella pulviscula* (Currey) Sacc.] (13)
on: woody fragments of olive-tree.
Et (214)

***Clypeosphaeria* Fuckel [Clypeosphaeriaceae G. Winter]**

? *euphorbiacea* Pass. & Beltr. (60)
on: branches of *Euphorbia dendroides* L.
P (167)

***Cryptovalsa* Ces. & de Not. ex Fuckel [no family]**

? *citri* Catt. (60)
on: roots of lemon-tree.
Sc (151, 152, 170, 243)

protracta (Pers.) Ces. & de Not. ex Fuckel [sub: *C. protracta* (Pers.) de Not.] (13)
on: fragments of parched bark.
C (214) Sc (243)

? *rabenhorstii* (Nits.) Sacc. (60)
on: dried small branches.

C (214) Sc (243)

? *rubi* Pass. & Beltr. [sub: *Allescherina rubi* (Pass. & Beltr.) Berl.] (60)
on: *Rubus* sp.
P (167, 243)

Daldinia Ces. & de Not. [Xylariaceae Tul. & C. Tul.]

concentrica (Bolton: Fr.) Ces. & de Not. [sub: *Sphaeria concentrica* Bolton] (13)
on: *Citrus sinensis* (L.) Osbek
C (214) P (126) Sc (243)

Hypoxylon Bull.: Fr. [Xypoxylaceae DC.]

? *bifrons* Biv.-Bern. [sub: *Sphaeria bifrons* Biv.-Bern.] (60)
on: leaves of *Populus nigra* L.
Et (234) P (151) Sc (15)

mediterraneum (de Not.) Miller (30)
on: *Quercus ilex* L., *Q. pubescens* Willd.
Et (90) Md (90)

serpens (Pers.) Kickx [sub: *H. serpens* (Pers.) Fr.] (13)
on: *Castanea sativa* Miller
C (214) Sc (243)

Lopadostoma (Nitschke) Traverso [Xylariaceae Tul. & C. Tul.]

gastrinum (Fr.) Traverso [sub: *Anthostoma gastrinum* (Fr.) Sacc.] (13)
on: dried small branches.
C (214) Sc (243)

Phomatospora Sacc. [Amphisphaeriaceae G. Winter]

! *dinemasporium* Webster [sub: *Dinemasporium graminum* Lév., *D. graminum* Lév.] (13)
Anamorph: *Dinemasporium graminum* (Lib.) Lév.
on: *Arundo donax* L., putrid branches.
C (212, 214)

Physalospora Niessl [Amphisphaeriaceae G. Winter]

? *euganea* Sacc. (60)
on: small branches of *Spartium junceum* L.
C (214, 242) Et (214)

? *gregaria* Sacc. (60)
on: *Acer platanoides* L., *Tamarix gallica* L.
C (214) Sc (242)

Rosellinia de Not. [Xylariaceae Tul. & C. Tul.]

aquila (Fr.) de Not. (13)

on: dried twigs.

C (212, 213, 216)

mammiformis (Pers.) Ces. & de Not. (13)

on: dead and putrescent sarmenta of **Rubus fruticosus* L.

C (216) Sc (242)

necatrix Berl. ex Prill. [sub: *Dematophora necatrix* Hartig, *Rosellinia necatrix* Berl., *R. necatrix* (Hartig) Berl., *R. necatrix* Prill.] (13)

on: *Acacia karoo* Hayne, almond-tree., *Prunus persica* (L.) Batsch, *Quercus* sp., *Vitis vinifera* L.

C (204, 212, 213) Sc (23, 89)

Ustulina Tul. & C. Tul. [Xylariaceae Tul. & C. Tul.]

deusta (Hoffm.) Lind. [sub: *Sphaeria deusta*] (13)

on: wood.

Et (234)

Valsaria Ces. & de Not. [Trichosphaeriaceae G. Winter]

? **cariei** Sacc. (60)

on: pales.

C (214, 243)

Xylaria Hill ex Schrank [Xylariaceae Tul. & C. Tul.]

corniformis (Fr.) Fr. [sub: *Sphaeria corniformis* Fr.] (13)

on: mould.

P (126)

sicula Pass. & Beltr. (40a)

on: putrescent leaves of *Olea europaea* L.

A (167, 243) Sc (97)

TAPHRINALES**Taphrina** Fr. [Taphrinaceae Gäumann]

bullata (Berk.) Tul. [sub: *Exoascus bullatus* (Berk. & Broome) Fuckel] (13)

on: leaves of **Crataegus oxyacantha* L.

Et (212, 213)

caerulescens (Desmaz. & Mont.) Tul. (13)

on: leaves of *Quercus pubescens* Willd.

Md (217)

deformans (Berk.) Tul. [sub: *Exoascus deformans* (Berk.) Fuckel] (13)
on: shoots of *Prunus dulcis* (Miller) D.A. Webb, *P. persica* (L.) Batsch
C (212, 213, 214) Sc (59)

populina Fr. [sub: *T. aurea* (Pers.) Fr.] (13)
on: *Populus nigra* L.
Et (212, 213, 214) M (214) S (214)

pruni Tul. [sub: *Exoascus pruni* Fuckel] (12)
on: *Prunus domestica* L., *P. domestica* L. subsp. *insititia* (L.) C.K. Schneider, *P. spinosa* L.
C (212, 214) Et (212, 213, 214)

BASIDIOMYCOTINA

Hymenomycetes

AURICULARIALES

Auricularia Bull. ex Juss. [*Auriculariaceae* Fr.]

auricula-judae (Bull. ex St. Amans) Wettst. [sub: *Auricularia auricula-judae* (L. ex Fr.) J. Schröter, *Hirneola auricula* (L.) P. Karsten, *H. auricula-judae* (L.) Berk.] (42)
C (11, 212, 213, 214) M (11, 248) P (246) Sc (197)

mesenterica (Dicks ex S. F. Gray) Pers. [sub: *Phlebia mesenterica* Fr.] (42)
Sc (126, 197)

Stilbum Tode [*Ecchynaceae* Maire ex Lotsy]

? *coccophilum* Sacc. [sub: *Stilbella coccophila* (Sacc.) Ferr.] (60)
P (146)

SEPTOBASIDIALES

Septobasidium Pat. [*Septobasidiaceae* Racib.]

orbiculare (Durieu & Lév. in Durieu) Donk [sub: *Septobasidium michelianum* (Cald.) Pat.] (42)
S (173)

EXOBASIDIALES

Exobasidium Woronin [*Exobasidiaceae* J. Schröter]

lauri (Bory) Geyl (6)

C (13)

Microstroma Niessel [*Exobasidiaceae* J. Schröter]? *album* (Desmaz.) Sacc. (60)

Et (216) S (216) Sc (85)

juglandis (Bereng.) Sacc. (42)

Et (217) Sc (85)

TULASNELLALES

Thanatephorus Donk [*Ceratobasidiaceae* Martin]! *cucumeris* (Frank) Donk [sub: *Corticium solani* (Prill. & Delacr.) Bourd. & Galz.,
Rhizoctonia solani Kühner] (42)Anamorph: *Rhizoctonia solani* Kühner

on: soil.

C (204)

APHYLLOPHORALES

Albatrellus S. F. Gray [*Albatrellaceae* (Pouzar) Nuss]*ovinus* (Schaeff.: Fr.) Kotl. & Pouzar (42)

Ca (11)

pes-caprae (Pers.: Fr.) Pouzar [sub: *Polyporus pes-caprae* Pers., *P. scobinaceus*
(Cumino) Bres.] (42)

C (212) Sc (197)

Aurantioporus Murrill [*Polyporaceae* s.l.]*croceus* (Pers.: Fr.) Murrill [sub: *Polyporus croceus* (Pers.) Fr.] (42)

Md (126) Sc (197)

Bjerkandera P. Karsten [*Bjerkanderaceae* Jülich]*adusta* (Willd.: Fr.) P. Karsten [sub: *Polyporus candidus* Roth, *P. candidus* (Roth) Fr.]
(42)

Md (126, 197) P (126, 197)

Cantharellus Adans: Fr. [*Cantharellaceae* J. Schröter]*cibarius* Fr.: Fr. [sub: *C. edulis* Pers.] (42)

E (11) Et (11) M (2, 11, 126) Md (11) P (+) Pa (45) Sc (197)

var. *amethysteus* Quélet [sub: *C. amethysteus* Quélet] (40y)

Ca (11)

friesii Quélet (42)

Et (214) Sc (197)

lutescens Pers.: Fr. [sub: *C. lutescens* Pers.] (42)

T (48)

tubaeformis Fr. [sub: *C. infundibuliformis* (Scop.) Fr.] (42)

Pa (45)

? *turrisi* Inzenga (60)

P (126, 197)

Ceriumyces Corda [*Polyporaceae* s.l.]

? *siculus* Cavara (60)

C (52)

Chondrostereum Pouzar [*Corticaceae* Herter]

purpureum (Pers.: Fr.) Pouzar [sub: *Stereum purpureum* (Pers.) Fr.] (42)

Sc (59) P (246)

Clavaria L.: Fr. [*Clavariaceae* Chev.]

vermicularis Sow.: Fr. [sub: *C. cylindrica* Bull.] (42)

Sc (197)

Clavariadelphus Donk [*Clavariadelphaceae* Corner]

pistillaris (Fr.) Donk [sub: *C. pistillaris* (L. ex Fr.) Donk] (42)

Ca (11) M (11) Md (11)

Clavulina J. Schröter [*Clavulinaceae* (Donk) Donk]

amethystina (Fr.) Donk [sub: °*Clavaria amethystina* Bull., °*C. amethystina* b. *alba* Inzenga] (42)

P (126)

cinerea (Fr.) J. Schröter [sub: *Clavaria cinerea* Bull.] (42)

Pa (46) T (48)

cristata (Fr.) J. Schröter var. *subcinerea* Donk [sub: *Clavaria cristata* Pers.] (42a)

C (214) P (126) Sc (197) T (48)

Clavulinopsis Overeem [*Clavariaceae* Chev.]

corniculata (Fr.) Corner [sub: *Clavaria muscoides* L.] (42)

P (126) Et (234) Sc (197)

Coltricia S. F. Gray [*Coltriciaceae* Jülich]

perennis (L.: Fr.) Murrill [sub: °*C. perennis*, *Polyporus perennis* L., *Polystictus perennis* (L.) Fr.] (42)

Et (13, 217) P (126) Sc (197) T (226)

Coniophora DC. [*Coniophoraceae* Ulbr.]

puteana (Schumacher: Fr.) P. Karsten [sub: *C. puteana* (Schumacher) Fr.] (42)

Et (217) Sc (197)

Corticium Pers. [*Corticaceae* Herter]

adiposum (Bull.: Fr.) Fr. [sub: °*C. adiposum* Pass. & Beltr.] (26)

P (167) Sc (197)

? **calceum** Fr. (60)

C (6, 216) Sc (197)

roseum Pers. (42)

C (216) Sc (197)

Craterellus Pers. [*Craterellaceae* Herter]

cornucopioides (L.: Fr.) Pers. [sub: *C. cornucopioides* L. ex Fr.] (42)

Ca (11) M (11) P (+)

Daedalea Pers. [*Daedaleaceae* Jülich]

quercina (L.: Fr.) [sub: *Daedalea inzengae* Fr., *D. quercina* Pers., *D. quercina* (L.) Pers.] (42)

Et (234) P (126, 197) Sc (126, 197)

Daedaleopsis J. Schröter [*Polyporaceae* s.l.]

tricolor (Bull.) Bond. & Singer [sub: *Lenzites tricolor* (Bull.) Fr.] (42)

M (248)

Fistulina Bull.: Fr. [*Fistulinaceae* Lotsy]

hepatica Schaeff.: Fr. [sub: *F. hepatica* Fr., *F. hepatica* (Hudson) Fr., *F. hepatica* (Schaeff.) Fr.] (42)

C (11) Et (11, 216) M (126) Md (126) P (11) Sc (197) T (+)

Fomes (Fr.) Fr. [*Polyporaceae* s.l.]

fomentarius (L.: Fr.) Fr. [sub: *Fomes fomentarius* (L.) Gillet, *F. ?inzengae* de Not., *Fomes inzengae* (de Not.) Cooke, *Polyporus fomentarius* L., *P. inzengae* de Not.] (42)

Et (214) P (126) Pa (46) R (13) Sc (126, 197)

***Funalia* Pat. [*Polyporaceae* s.l.]**

gallica (Fr.) Bond. & Singer [sub: *Trametes hispida* (Bagl.) Fr.] (42)
S (72)

***Ganoderma* P. Karsten [*Ganodermataceae* (Donk) Donk]**

adpersum (Schulzer) Donk (42)
S (13)

applanatum (Pers.) Pat. [sub: *Fomes applanatus* (Pers.) Wallr., *Ganoderma applanatum* Pers., *G. applanatum* (Pers. ex Wallr.) Pat., *G. lipsiense* (Batsch) Atkinson, *Polyporus applanatus* Wallr.] (42)
C (11, 214) P (126, 246) Pa (45) R (11) Sc (197) T (48)

lucidum (Fr.) P. Karsten [sub: *Fomes lucidus* (Leys.) Fr., *Ganoderma lucidum* (Leyss.) P. Karsten, *G. lucidum* (Leys. ex Fr.) P. Karsten, *G. lucidum* (W. Curtis ex Fr.) P. Karsten, *G. pseudoboletus* (Jacq.) Murrill, *Polyporus lucidus* Leys.] (42)
C (11, 214) Et (234) Md (11, 126) P (126) Sc (59) T (48)

resinaceum Boud. (42)
R (13)

***Grifola* S. F. Gray [*Grifolaceae* Jülich]**

frondosa (Dickson: Fr.) S. F. Gray [sub: *Polyporus intybaceus* Fr.] (42)
Et (126, 197, 213)

***Hericium* Pers. [*Hericiaceae* Donk]**

coralloides (Scop.: Fr.) S. F. Gray [sub: *Hydnum coralloides* Scop., *H. coralloides* (Scop.) Fr.] (42)
Et (13) Md (126) Sc (197)

erinaceum (Bull.: Fr.) Pers. [sub: *Hydnum erinaceus* Bull., *H. notarisii* Inzenga, *H. notarisii* (Inzenga) Fr.] (42)
Md (126) P (126, 197)

***Heterobasidion* Bref. [*Heterobasidiaceae* Jülich]**

annosum (Fr.) Bref. (42)
C (11)

***Hirschioporus* Donk [*Polyporaceae* s.l.]**

pergamenus (Fr.) Bond. & Singer (25)
Ca (11)

Hydnellum P. Karsten [*Thelephoraceae* Chev.]

compactum (Pers.: Fr.) P. Karsten [sub: *Hydnum compactum* Pers.] (42)
P (126)

concrescens (Pers. ex Schwein.) Banker [sub: *Calodon zonatum* Quélet, *Hydnum zonatum* (Batsch) Fr.] (42)
Pa (45, 46)

ferrugineum (Fr.: Fr.) P. Karsten [sub: *Hydnum ferrugineum* Fr., *H. velutinum* Fr.] (42)
Pa (46, 47)

Hydnum L. [*Hydnaceae* Chev.]

repandum L.: Fr. [sub: *H. repandum* L., *H. rufescens* Schaeff.] (42)
C (11) Ca (11) Et (11) Md (126) Pa (45) Sc (197)

rufescens Fr. [sub: *H. rufescens* (Pers.) Fr.] (42)
C (11) Ca (11)

Hyphoderma Wallr. [*Corticaceae* Herter]

sambuci (Pers.: Pers.) Jülich [sub: *Corticium sambuci* (Pers.) Fr., *Hypochnus sambuci* (Pers.) Fr.] (40v)
Et (217)

Inonotus P. Karsten [*Inonotaceae* Fiasson & Niemela]

hastifer Pouzar [sub: *Polyporus polymorphus* Rostk., *Polystictus polymorphus* (Rostk.) Cooke] (8)
P (126, 197)

hispidus (Bull.: Fr.) P. Karsten [sub: *Boletus hispidus* Bull., *Polyporus hispidus* (Bull.) Fr.] (42)
Et (13) P (126, 246) Pa (47) Sc (197)

obliquus (Pers.: Fr.) Pilát. [sub: *Polyporus obliquus* Fr., *Poria obliqua* Acharius] (42)
Sc (151, 152, 170, 197)

Laetiporus Murrill [*Polyporaceae* s.l.]

sulphureus (Bull.: Fr.) Murrill [sub: *Polyporus caudicinus* (Scop.) Kohl., *P. caudicinus* var. *todari* Inzenga, *P. sulphureus* Bull., *P. sulphureus* (Bull.) Fr., *P. todari* Inzenga, *Stereum speciosum* Fr.] (42)
A (126, 197) C (214) Md (126) P (126, 246) Sc (197, 23)

Lenzites Fr. [*Polyporaceae* s.l.]

betulina (L.: Fr.) Fr. (42)

Et (13)

gussonei (Scalia) Bres. [sub: *Agaricus melanopus* Fr., *A. ostreatus* Jacq. var. *nigripes* Inzenga, *Lenzites gussonei* Scalia, *Pleurotus nigripes* (Inzenga) Sacc.] (53)
C (52, 197, 214) P (126, 197)

Meripilus P. Karsten [*Meripilaceae* Jülich]

giganteus (Pers.: Fr.) P. Karsten [sub: *Polyporus frondosus* Fr., *P. frondosus* (Vahl) Fr., *P. giganteus* Fr., *P. giganteus* Pers. ex Fr., *P. giganteus* (Pers.) Fr.] (42)
C (11) Et (212, 216) M (11, 126) Sc (197)

Mucronella Fr. [*Hericiaceae* Donk]

? *viticola* (Schwein.: Fr.) Donk [sub: *Mucronella?* *viticola* Pass. & Beltr.] (60)
P (167, 197)

Panus Fr. [*Polyporaceae* s.l.]

rudis Fr. (67)
Md (126) Sc (197)

Peniophora Cooke [*Corticaceae* Herter]

lycii (Pers.) Höhnelt & Litsch. [sub: *Corticium rimosissimum* Pass., *C. rimosissimum* Pass. & Beltr., *Peniophora caesia* Bres.] (42)
P (151, 167) Sc (152, 197)

Phellinus Quélet [*Phellinaceae* Jülich]

conchatus (Fr.) Quélet [sub: *Boletus conchatus* Pers., *Fomes conchatus* (Pers.) Gillet] (42)
P (126) Sc (197)

ignarius (L.: Fr.) Quélet [sub: *Fomes ignarius* (L.) Fr., *F. ignarius* (L.) Gillet, *Phellinus ignarius* (L. ex Fr.) Pat., *Polyporus ignarius* Fr.] (42)
C (99, 214) Et (234) M (248) P (126) Sc (197)

nigricans (Fr.) P. Karsten [sub: *Fomes nigricans* (Fr.) Gillet, *Polyporus nigricans* Fr.] (42)
P (126, 246) Sc (197)

tuberculosis (Baumg.) Niem. [sub: *Fomes fulvus* (Scop. ex Fr.) Gillet, *F. pomaceus* (Pers.) Lloyd] (8)
Sc (59)

ribis (Schumacher: Fr.) P. Karsten [sub: *Fomes lonicerae* Weinm., *Polyporus lonicerae* (Weinm.) Gillet] (42)

C (197, 214)

torulosus (Pers.: Pers.) Bourd. & Galz. [sub: °*Fomes torulosus* (Pers.) Lloyd,
Polyporus torulosus Pers.] (42)
P (31) Sc (59)

Phellodon P. Karsten [*Thelephoraceae* Chev.]

putidus (Atk.) Banker (14)
Pa (45)

tomentosus (L.: Fr.) Banker [sub: *P. tomentosus* (L.) Banker] (42)
Pa (45)

Pleurotus (Fr.) P. Kummer [*Polyporaceae* s.l.]

cornucopiae (Paulet: Fr.) Moser [sub: °*P. cornucopiae* (Paulet : Pers.) Roll.] (49)
Et (13)

! *cystidiosus* Miller (37)
Anamorph: *Antromycopsis broussonetiae* Pat. & Trab.
C (214) Sc (85)

dryinus (Pers.: Fr.) P. Kummer (49)
Ca (13) E (13)

eryngii (DC.: Fr.) Quélet [sub: *Agaricus eryngii* DC., *Pleurotus eryngii* DC., *P. eryngii* (DC.) Quélet, *P. eryngii* Fr. ex DC.] (38)
C (11) Et (214) Md (34, 231) P (+) Sc (2, 126, 197)

var. *ferulae* Lanzi [sub: *Agaricus ferulae* Lanzi, *Pleurotus eryngii* DC. var. *ferulae* Lanzi, *P. eryngii* Fr. ex DC. var. *ferulae* Lanzi] (38)
C (11, 214) Eg (126) Et (11) P (+) Sc (126) T (47)

gemmellari (Inzenga) Sacc. [sub: *Agaricus gemmellari* Inzenga] (67)
P (126, 246) Sc (197)

nebrodensis Inzenga [sub: *Agaricus nebrodensis* Inzenga, *P. eryngii* var. *nebrodensis* Inzenga] (7)
Ca (125, 126) Et (13) Md (2, 126, 150, 155, 231) P (2) Sc (2, 14, 197)

opuntiae (Durieu & Lév.) Sacc. [sub: *Agaricus opuntiae* Durieu & Lév., *P. opuntiae* Durieu & Lév., *P. opuntiae* (Durieu & Lév.) Sacc., *P. opuntiae* Lév.] (67)
C (11) Et (212, 213) P (126, 246) Pa (46) Sc (2, 197)

ostreatus (Jacq.: Fr.) P. Kummer [sub: *Agaricus ostreatus* Jacq., *Pleurotus ostreatus* Jacq., *P. ostreatus* (Jacq.) Quélet] (67)
C (212, 214) Ca (11) E (11) P (2, 126) Sc (59, 126, 197)

? var. *stipitatus* Scalia (61)

C (214) Sc (197)

? *pubescens* (Sow.) Sacc. [sub: *Agaricus pubescens* Sow., *A. flabellatus* Bolton, *A. septicus* Fr.] (61)

P (126) Sc (197)

pulmonarius (Fr.) Quélet [sub: *P. pulmonarius* Fr.] (67)

Pa (45)

spodoleucus Sacc. var. *alba* Pilát (5)

P (11)

Plicaturopsis Reid. [Corticiaceae Herter]

crispa (Pers.: Fr.) Reid. [sub: *Cantharellus crispus* Fr., *Trogia faginea* (Schrader) J. Schröter] (40p)

M (11) Sc (197, 214)

Polyporus P. Micheli ex Adanson [Polyporaceae s.l.]

arcularius Batsch: Fr. [sub: *Polyporellus arcularius* (Batsch) Pilát, *Polyporus arcularius* Fr., *P. arcularius* Batsch, *P. arcularius* (Batsch) Fr.] (42)

C (11) Ca (11) Md (126) Pa (45) Sc (197)

leucomelas (Pers.: Fr.) Fayod (6)

R (13)

squamosus Hudson: Fr. [sub: *P. squamosus* Hudson, *P. squamosus* (Hudson) Fr.] (42)

C (11) P (126) Sc (197)

varius Pers.: Fr. [sub: *P. calceolus* (Bull.) Britzelm] (42)

Ca (11) Sc (197)

Ramaria (Fr.) Bonorden [Ramariaceae Corner]

botrytis (Pers.: Fr.) Ricken [sub: *Clavaria acroporphyrea* Schaeff., *C. botrytis* Pers., *C. botrytis* Fr.: Pers.] (42)

C (212) Ca (11) Sc (197)

flava (Schaeff.: Fr.) Quélet [sub: *C. flava* Schaeff., *C. flava* Schaeff. ex Fr.] (42)

Ca (11) Pa (45)

Rigidoporus Murrill [Rigidoporaceae Jülich]

ulmarius (Sow.: Fr.) Imazeki [sub: *Fomes ulmarius* (Sow.) Gillet, *Polyporus ulmarius* Sow.] (42)

P (126) Sc (197)

Sarcodon Quélet ex P. Karsten [*Sarcodontaceae* Bondartsev & Singer ex Singer]

amarescens (Quélet) Quélet (5)
C (11) Et (11)

Skeletocutis Kotl. & Pouzar [*Polyporaceae* s.l.]

subincarnata (Peck) Keller [sub: *Polyporus vulgaris* Fr., *Poria vulgaris* Fr.] (42)
C (216) P (126) Sc (197)

Spongipellis Pat. [*Polyporaceae* s.l.]

pachyodon (Pers.) Kotl. & Pouzar [sub: *Irpex pachyodon* (Pers.) Quélet] (42)
C (11)

Stereum J. Hill : Pers. [*Stereaceae* Pilát]

hirsutum (Willd.: Fr.) S. F. Gray [sub: *S. hirsutum* Fr., *S. hirsutum* (Willd. ex Fr.) Pers., *S. reflexum* (Bull.) Sacc.] (42)
C (11) Et (217) Md (+) P (126) Pa (45) Sc (197) T (48)

Thelephora Ehrh. ex Willd. [*Thelephoraceae* Chev.]

caryophyllea Schaeff.: Fr. [sub: *Phylacteria caryophyllea* (Schaeff.) Pat.] (42)
C (11)

terrestris Pers.: Fr. [sub: *°T. terrestris* Ehrh.] (42)
Pa (46)

Trametes Fr. [*Polyporaceae* s.l.]

pubescens (Schumacher: Fr.) Pilát [sub: *Coriolus pubescens* (Schumacher ex Fr.) Quélet] (42)
Et (11)

versicolor (L.: Fr.) Pilát [sub: *Coriolus versicolor* (L. ex Fr.) Pilát, *Polyporus versicolor* L., *Polystictus versicolor* (L.) Fr.] (42)
C (214) Ca (11) E (11) Et (11) P (246) Pa (46) Sc (126, 197)

Trichaptum Murrill [*Polyporaceae* s.l.]

fusco-violaceum (Ehrenb.: Fr.) Ryv. [sub: *Polyporus violaceus* Fr., *Poria violacea* (Alb. & Schwein.) Sacc.] (42)
Md (126) Sc (197)

Typhula Pers.: Fr. [*Typhulaceae* Jülich]

? *candida* Fr. (60)
C (214) Et (197)

BOLETALES***Boletus* Fr. [*Boletaceae* Chev.]**

aereus Bull.: Fr. [sub: °*B. aereus*] (49)
Ca (11, 160) Et (11, 160) Md (11, 160) T (226)

aestivalis Paulet : Fr. (49)
Et (11, 160)

? *aetnensis* Inzenga (60)
C (126) Et (126, 197, 212, 214, 248)

calopus Fr. [sub: *B. candicans* Fr., *B. pachypus* var. *candicans* Fr.] (49)
P (126, 197)

caucasicus (Singer) Singer (67)
Ca (160) Et (160)

edulis Bull.: Fr. [sub: *B. edulis* Bull., °*B. edulis*] (49)
Ca (11, 160) Et (11, 160, 213, 214) M (126) Md (11, 160) Sc (197) T (226)

erythropus Fr.: Pers. [sub: °*B. eritropus*] (49)
Ca (11, 160) Et (11, 160) T (226)

fechtneri Velen. (49)
Ca (160)

fragrans Vittad. (49)
Ca (160) Et (160, 214) Sc (2, 126)

? *friesii* Inzenga (60)
P (126, 197)

? *fulvidus* Fr. [sub: *B. testaceus* Pers.] (60)
C (126, 214, 248) Et (126) Sc (197)

impolitus Fr. (49)
C (11) Et (160) S (160)

junquilleus (Quélet) Boud. (49)
C (160)

? *lanzi* Inzenga (60)
P (126, 197)

lupinus Fr. ss. Romagnesi [sub: *B. lupinus* Fr.] (67)
Ca (13, 160) P (126, 197)

luridus Schaeff.: Fr. [sub: *B. luridus* Schaeff.] (49)

Ca (11, 160) Et (11, 160) Md (160) P (126)

? *messanensis* Inzenga (60)

M (126, 197)

? *panormitanus* Inzenga (60)

P (126, 197, 248)

? *pusillus* Rafin. (60)

Et (197, 234)

queletii Schulzer (49)

Ca (11, 160)

radicans Pers.: Fr. [sub: *B. radicans* Pers.] (49)

Ca (11, 160) Et (248)

regius Krombh. (49)

Ca (13, 160) Et (160)

rhodopurpureus Smotl. (49)

Et (11, 160)

rhodoxanthus (Krombh.) Kbch. (49)

Et (13, 160)

sardous Belli & Sacc. (6)

C (13)

satanas Lenz [sub: °*B. satanas*] (49)

C (127) Et (126, 127, 214) Md (+) Sc (197) T (226)

? *siculus* Inzenga (60)

P (126, 197)

torosus Fr. (49)

Et (13, 160)

Chalciporus Bataille [*Boletaceae* Chev.]

piperatus (Bull.: Fr.) Bataille (49)

Ca (11, 160) Et (11, 160)

Chroogomphus (Singer) O.K. Miller [*Gomphidiaceae* Maire]

rutilus (Schaeff.: Fr.) O. K. Miller [sub: *Gomphidius viscidus* (L.) Fr.] (49)

Et (11) Pa (45)

Gyrodon Opat. [*Gyrodontaceae* (Singer) Heinemann]

lividus (Bull.: Fr.) Sacc. (49)
Et (11, 160)

Gyroporus Quélet [*Boletaceae* Chev.]

castaneus (Bull.: Fr.) Quélet [sub: *Boletus* ? *castaneus* Bull.] (49)
Ca (160) E (11, 160) Et (11, 160, 214) Sc (197)

cyanescens (Bull.: Fr.) Quélet [sub: *Boletus cyanescens* Bull.] (49)
Ca (160) Et (216) Sc (197)

Hygrophoropsis (J. Schröter) Maire ex Martin-Sans [*Tricholomataceae* Heim ex Pouzar]

aurantiaca (Wulf.: Fr.) Maire [sub: *Cantharellus aurantiacus* (Wulf.) Fr.] (49)
Pa (46)

Leccinum S. F. Gray [*Boletaceae* Chev.]

aurantiacum (Bull. ex St. Amans) S. F. Gray (49)
Ca (160) Et (11, 160)

corsicum (Roll.) Singer (49)
Ca (11, 160) Et (11, 160)

crocipodius (Letell.) Watl. [sub: *Boletus rimosus* Vent.] (49)
Pa (45)

griseum (Quélet) Singer (49)
Et (160)

melaneum (Smotl.) Pilát & Derm. (49)
Et (11, 160)

oxydabile (Singer) Singer (49)
Et (160)

quercinum (Pilát) Pilát (49)
Et (160)

scabrum (Bull.: Fr.) S. F. Gray (49)
Et (160)

vulpinum Watl. (49)
Et (11, 160)

***Omphalotus* Fayod [*Omphalotaceae* Bresinsky]**

olearius (DC.: Fr.) Singer [sub: *Agaricus olearius* DC., *Clitocybe olearia* (DC.) Maire, *Pleurotus olearius* DC., *P. olearius* (DC.) Gillet] (49)
C (11, 214) Ca (11) E (11) Et (11) Md (11) P (126) Pa (46) Sc (197) T (48)

? **var. *zizyphinus*** (Viv.) Sacc. [sub: *Agaricus zizyphinus* Viv.] (61)
P (126) Sc (197)

***Paxillus* Fr. [*Paxillaceae* Maire]**

involutus (Batsch) Fr. [sub: *P. involutus* Fr., *P. involutus* (Batsch) Fr., *P. lateralis* (Schaeff.) Sacc.] (49)
Et (11, 214) M (126) Sc (197)

panuoides Fr. (49)
E (11) Et (11)

***Porphyrellus* Gilb. [*Strobilomycetaceae* Gilb.]**

porphyroporus (Fr.) Gilb. (49)
Ca (160)

***Pulveroboletus* [*Boletaceae* Chev.]**

hemichrysus (Berk. & M. A. Curtis) Singer (49)
Et (160)

***Strobilomyces* Berk. [*Strobilomycetaceae* Gilb.]**

floccopus (Vahl in Fl. Dan.: Fr.) P. Karsten (49)
Ca (11, 160)

***Suillus* P. Micheli ex S. F. Gray [*Boletaceae* Chev.]**

bellini (Inzenga) Watl. [sub: *Boletus bellini* Inzenga, *B. bellini* Boud., °*B. bellini*] (49)
C (11, 160) Et (11) P (126, 197) R (160) T (48, 226)

bovinus (L.: Fr.) Kuntze (49)
R (13, 160)

granulatus (L.: Fr.) Kuntze [sub: *Boletus granulatus* L., °*B. granulatus*] (49)
Ca (160) Et (11, 160, 234) Md (+) P (+) Pa (45) R (160) T (226)

var. *mediterraneensis* Blum & Jacquetant [sub: °*Boletus granulatus* var. *mediterraneus*] (50)
T (226)

luteus (L.: Fr.) S. F. Gray [sub: *Boletus luteus* L.] (49)

Ca (11) Et (11, 160) M (248) Md (+) Pa (45)

***Tylophilus* P. Karsten [Boletaceae Chev.]**

felleus (Bull.: Fr.) P. Karsten (49)

Ca (13, 160) Et (160)

***Xerocomus* Quélet [Boletaceae Chev.]**

badius (Fr.) Kühner ex Gilb. [sub: *Boletus vaccinus* Fr.] (67a)

Ca (11, 160) Et (11, 160, 214, 197)

chrysenteron (Bull. ex St. Amans) Quélet [sub: *Boletus chrysenteron* Fr. ex Bull.] (49)

C (11) Ca (11, 160) E (160) Et (11, 160) Md (160) P (+) T (48)

moravicus (Vacek) Herink (49)

Ca (11, 160)

rubellus (Krombh.) Quélet [sub: *B. sanguineus* With.] (49)

C (11, 160) Ca (11, 160) P (126, 197)

spadiceus (Fr.) Quélet (49)

Ca (13, 160)

subtomentosus (L.: Fr.) Quélet [sub: *Boletus subtomentosus* L., *B. subtomentosus* Fr. ex L.] (49)

C (160) Ca (160) Et (160, 214) Md (11, 160) P (126) Sc (197) T (48)

truncatus Singer (49)

Ca (13, 160)

AGARICALES

***Agaricus* L.: Fr. [Agaricaceae Fr.]**

arvensis Schaeff.: Fr. [sub: *A. arvensis* Schaeff.] (49)

Ca (11) Md (11) P (126) Sc (197)

? *bertoloni* Inzenga (60)

P (126, 197)

campester (L.) Fr. [sub: *A. campester* L., *A. campestris* L., *Pratella campestris* (L.) Fr., *Psalliota campestris*] (49)

Et (234) Md (+) Pa (45) Sc (2, 126, 197) T (48, 226)

? var. *insignis* Scalia (60)

C (214)

? *dendroides* Cos. (79)

Et (66)

haemorrhoidarius Kalchbr. & Schulzer (49)

C (11) Ca (11)

iodosmus Heinemann (49)

C (11) Et (11)

macrosporus (Möller & J. Schaeff.) Pilát (49)

Md (+)

placomycetes Peck var. *meleagris* J. Schaeff. [sub: *Psalliota xanthoderma* Gen. var. *meleagris*] (49)

P (+) T (226)

radicatus Vittad. ss. Bres. (49)

P (246)

silvaticus Schaeff. ex Secr. [sub: *A. silvaticus* Schaeff., °*Psalliota silvatica*] (49)

Et (214) P (126) Sc (197) T (226)

silvicola (Vittad.) Sacc. [sub: °*Psalliota silvicola*] (49)

T (226)

vaporarius (Pers. ex Vittad.) Moser [sub: °*A. vaporarius* Krombh.] (49)

P (126)

xanthoderma Gen. [sub: °*Psalliota xanthoderma*] (49)

C (11) T (226)

Agrocybe Fayod [*Bolbitiaceae* Singer]

aegerita (V. Briganti) Singer [sub: *Agaricus aegerita* Fr., *A. piopparello* Viv., *Armillaria piopparello* (Viv.) Sacc., *Pholiota aegerita* V. Briganti, *P. aegerita* (V. Briganti) Quélet] (67)

C (11, 214) P (126) Sc (2, 126, 197) T (48)

carelica Singer [sub: *Naucoria sobria* Fr.] (67)

Pa (46)

dura (Bolton: Fr.) Singer (49)

S (13)

praecox (Pers.: Fr.) Fayod [sub: *Agaricus praecox* Pers., *Pholiota praecox* Pers., *P. praecox* (Pers.) Quélet] (49)

C (11, 212) P (126) Sc (197)

semiorbicularis (Bull.: Fr.) Fayod [sub: *Naucoria semiorbicularis* (Bull.) Fr.] (49)

Pa (46)

vervacti (Fr.) Romagnesi [sub: *Naucoria vervacti* Fr.] (49)
Pa (46)

Amanita Pers. [*Amanitaceae* Roze]

aspera (Fr.) Hooker [sub: *A. aspera* Fr., *A. aspera* Pers.] (49)
Et (216) Sc (197)

baccata (Fr.) Quélet [sub: °*A. boudieri* (Vittad.) Quélet] (67)
C (11, 159)

caesarea (Scop.: Fr.) Pers. ex Schwein. [sub: *Agaricus caesareus* Scop., *Amanita caesarea* (Scop.) Pers., °*Amanita caesarea*] (49)
Ca (11, 159) Et (159, 234) M (126) Md (11, 159) Sc (197) T (226)

? *cariosa* (Fr.) Gillet [sub: *A. cariosa* Fr.] (60)
Et (197, 214)

citrina (Schaeff.) S. F. Gray [sub: *Agaricus mappa* Fr., *Amanita mappa* (Batsch) Pers.] (49)
Ca (11, 159) Et (159) M (126) Md (159) Sc (197)

crocea (Quélet) Singer [sub: °*A. vaginata* var. *crocea*] (49)
C (11, 159) Ca (159) T (226)

excelsa (Fr.) P. Kummer [sub: *A. excelsa* Fr., *A. spissa* (Fr.) P. Kummer var. *excelsa* (Fr.)] (67)
C (11, 159) Et (214) Sc (197)

gemmata (Fr.) Gillet (49)
C (13, 159)

inaurata Secr. (49)
Ca (11, 159) Md (11)

lividopallescens Gillet (49)
Ca (11, 159) Md (11, 159)

mairei Foley [sub: °*A. vaginata* var. *argentea*] (49)
T (226)

muscaria (L.: Fr.) Hooker [sub: *Agaricus muscarius* L., *Amanita muscaria* L., *Amanita muscaria* (L.) Pers., °*Amanita muscaria*] (49)
Ca (11, 159) Et (11, 159) M (248) Md (126, 159) Pa (46) Pl (159) Sc (197) T (226)

ovoidea (Bull.: Fr.) Quélet [sub: *A. ovoidea* Bull.] (49)
C (11, 159) P (+) T (48)

pantherina (DC.: Fr.) Secr. [sub: *Agaricus pantherinus* DC., *Amanita pantherina* DC., *A. pantherina* (DC.) Fr., °*Amanita pantherina*] (49)

Ca (11, 159) Et (11, 159, 216) M (126) Md (11, 159) P (+) Pa (45) Pl (159) Sc (197) T (226)

phalloides (Vaill.: Fr.) Secr. [sub: *Agaricus virosus* Vittad., *Amanita bulbosa* (Bull.) Pers., *A. phalloides* Fr., °*A. phalloides*] (49)

Ca (11, 159) Et (11, 159, 216) Md (+) P (126) Sc (197) T (226)

porphyria (Alb. & Schwein.: Fr.) Secr. [sub: *A. porphyria* Fr. ex R.-S., °*A. porphyria*] (49)

Pa (47) T (226)

rubescens (Pers.: Fr.) S. F. Gray (49)

Ca (11, 159) Et (11, 159) Md (159)

strobiliformis (Vittad.) Quélet [sub: *Agaricus strobiliformis* Vittad.] (49)

P (126) Sc (2, 197)

umbrinolutea Secr. (49)

Ca (13, 159)

vaginata (Bull.: Fr.) Quélet [sub: *Agaricus vaginatus* Bull., *Amanitopsis vaginata* (Bull.) Roze, *A. vaginata* Fr. ex Bull.] (49)

C (11, 159) Ca (11, 159) Et (11, 214) P (126) Pa (46, 47) Sc (197)

var. flavescens Gilb. & Lundel (6)

Ca (13, 159)

var. plumbea Schaeff.: Fr. (6)

Ca (13, 159)

verna (Bull.: Fr.) Pers. ex Vittad. (49)

C (11, 159)

virosa (Fr.) Bertillon [sub: *Agaricus virosus* Fr., *Amanita virosa* (Fr.) Quélet] (60)

Sc (197)

vittadini (Moretti) Vittad. (49)

C (11, 159)

Anellaria P. Karsten [*Coprinaceae* Roze ex Overeem]

semiovata (Sow.: Fr.) Pears. & Dennis (49)

M (11)

Armillariella (P. Karsten) P. Karsten [*Tricholomataceae* Heim ex Pouzar]

bulbosa (Barla) Romagnesi [sub: *Armillaria bulbosa* (Barla) Romagnesi] (49)

Sc (238)

? *citri* (Inzenga) Sacc. [sub: *Agaricus citri* Inzenga, *Armillaria citri* Inzenga] (60)

M (248) P (126, 197) S (212) Sc (126, 151, 152)

mellea (Vahl in Fl. Dan.: Fr.) P. Karsten [sub: *Agaricus melleus* Vahl, *Armillaria mellea* Vahl, *A. mellea* (Vahl) Quélet, *A. mellea* (Vahl ex Fr.) P. Kummer, *A. mellea* (Vahl) Fr., *A. mellea* (Vahl) Pat., °*A. mellea*, °*Armillariella mellea*] (49)
C (204, 212) Ca (11, 238) E (77) Et (11, 59, 70, 73, 134, 135, 214, 237, 238) M (11)
Md (11) P (126, 246) Pa (46) Sc (2, 23, 63, 71, 89, 197) T (226)

tabescens (Scop.: Fr.) Singer [sub: °*Armillaria tabescens*, *Clitocybe tabescens* (Scop.) Fr.] (49)
Md (+) Pa (46) T (226) Sc (237)

Bolbitius Fr. [*Bolbitiaceae* Singer]

vitellinus (Pers.) Fr. (49)
Pa (46)

var. *fragilis* (L.: Fr.) Moser [sub: *B. fragilis* (L.) Fr.] (49)
M (248)

Calocybe Kühner ex Donk [*Tricholomataceae* Heim ex Pouzar]

gambosa (Fr.) Donk [sub: *Agaricus georgii* L.] (49)
Et (234)

Camarophyllus (Fr.) P. Kummer [*Hygrophoraceae* Roze ex Maire]

niveus (Scop.: Fr.) P. Karsten [sub: *Hygrophorus niveus* (Scop.) Fr., °*H. niveus*] (49)
Pa (46) T (48, 226)

russocoriaceus Berk. & Broome (49)
Ca (13)

virgineus (Wulf.: Fr.) P. Karsten [sub: *Agaricus virgineus* Wulf., *Hygrophorus virgineus* (Wulf.) Fr.] (49)
P (126) Sc (197)

Clitocybe (Fr.) Staude [*Tricholomataceae* Heim ex Pouzar]

? *ampla* Pers. (60)
Et (214) Sc (197)

candicans (Pers.: Fr.) P. Kummer [sub: *C. candicans* (Pers.) Quélet] (49)
Pa (46)

? *castanicola* Bacc. (60)
C (214) Et (197)

cerussata (Fr.) P. Kummer [sub: *C. cerussata* Fr.] (49)
Pa (46)

? *coffeata* Fr. (60)
T (48)

costata Kühner & Romagnesi [sub: °*C. costata*] (49)
T (226)

? *cryptarum* (Letell.) Massee [sub: *Agaricus cryptarum* Letell.] (49)
P (126, 197, 246)

dealbata (Sow.: Fr.) P. Kummer [sub: *Agaricus dealbatus* Sow., *Clitocybe dealbata* (Sow.) Fr.] (49)
Md (+) P (126) Pa (46)

ericetorum Bull. ex Quélet [sub: °*C. ericetorum* (Bull.) Fr.] (49)
Pa (46)

expallens (Pers.: Fr.) P. Kummer [sub: *C. expallens* (Pers.) Fr.] (49)
Pa (46)

fragrans (Sow.: Fr.) P. Kummer [sub: *Agaricus fragrans* Sow., *Clitocybe fragrans* Sow., *C. fragrans* (Sow.) Quélet] (49)
Et (214) P (126) Sc (197)

geotropa (Bull.: Fr.) Quélet [sub: °*C. geotropa*] (49)
Md (+) T (226)

gibba (Pers.: Fr.) P. Kummer [sub: *Agaricus infundibuliformis* Schaeff., *Clitocybe infundibuliformis* (Schaeff.) Fr., *C. infundibuliformis* (Schaeff.) Quélet] (49)
Md (+) P (126) Pa (46) Sc (197)

lignatilis (Pers.: Fr.) P. Karsten [sub: *Pleurotus fimbriatus* (Bolton) Fr.] (38)
Pa (46)

maxima (Fl. Wett.: Fr.) P. Kummer (49)
Et (13)

? *neapolitana* (Pers.) Sacc. [sub: *Agaricus coffeae* V. Briganti, *A. neapolitanus* Pers.] (60)
P (126) Sc (2, 197)

obsoleta (Batsch: Fr.) Quélet [sub: *C. obsoleta* (Pers.) Fr.] (49)
Pa (46)

odora (Bull.: Fr.) P. Kummer [sub: *C. odora* Fr., °*C. odora*] (49)
Md (+) Pa (47) T (226)

phyllophila (Fr.) Quélet [sub: *C. phyllophila* Fr.] (49)
Pa (46) T (48)

rivulosa (Pers.: Fr.) P. Kummer [sub: *C. rivulosa* (Pers.) Fr.] (49)

Pa (46)

sinopica (Fr.: Fr.) P. Kummer [sub: *C. sinopica* Fr.] (49)

Pa (47)

suaveolens (Schumacher: Fr.) P. Kummer [sub: *C. suaveolens* (Schumacher) Fr.]
(49)

Pa (46)

tuba (Fr.) Gillet [sub: *C. tuba* Fr.] (49)

Pa (46)

Clitopilus (Fr. ex Rabenh.) P. Kummer [*Entolomataceae* Kotl. & Pouzar]

prunulus (Scop.: Fr.) P. Kummer [sub: °*C. prunulus*] (49)

Ca (11) Et (11) M (11) Md (11) T (226)

Collybia (Fr.) Staude [*Tricholomataceae* Heim ex Pouzar]

acervata (Fr.) P. Karsten (49)

Ca (11)

butyracea (Bull.: Fr.) Quélet [sub: *C. butyracea* (Bull.) Fr.] (49)

Et (11) Ca (11) Pa (46)

? *clavus* (L.) Quélet [sub: *Agaricus clavus* L.] (60)

P (126) Sc (197)

? *clusilis* Fr. (60)

Pa (46)

? *conigena* Pers. (60)

Et (241)

dryophila (Bull.: Fr.) P. Kummer [sub: *Agaricus dryophilus* Bull., *Collybia dryophila* (Bull.) Fr.] (49)

Ca (11) Et (11) M (11) Md (11) P (126) Pa (46) T (48)

? *gussonii* (Inzenga) Sacc. [sub: *Agaricus gussoni* Inzenga] (60)

P (126, 197)

marasmioides (Britzelm) Bresinsky & Stangl (49)

Ca (11)

peronata (Bolton: Fr.) Singer (49)

Et (11)

Conocybe Fayod [*Bolbitiaceae* Singer]*pubescens* (Gillet) Kühner (49)

Md (+) P (+)

siliginea (Fr.: Fr.) Kühner [sub: *C. siliginea* Fr.] (49)

Pa (46)

tenera (Schaeff.: Fr.) Kühner [sub: *Agaricus tener* Schaeff., *Galera tenera* Schaeff., *G. tenera* (Schaeff.) Fr., *G. tenera* (Schaeff.) Quélet] (49)

C (11) P (126) Pa (46) Sc (197) T (48)

Coprinus Pers. [*Coprinaceae* Roze ex Overeem]*atramentarius* (Bull.: Fr.) Fr. [sub: *C. atramentarius* (Bull.) Fr.] (49)

C (11) M (11) P (+) Pa (46)

cinereus (Schaeff.: Fr.) S. F. Gray [sub: *C. fimetarius* (L.) Fr.] (49)

P (126) Sc (197)

comatus (Mull. in Fl. Dan: Fr.) S. F. Gray [sub: *C. comatus* Mull., °*C. comatus*, *C. porcellaneus* (Schaeff.) J. Schröter] (49)

C (11) Ca (11) Et (11) Md (11) P (126) Sc (2, 197) T (226)

var. *ovatus* (Schaeff.: Fr.) [sub: *Coprinus ovatus* Schaeff., *C. ovatus* (Schaeff.) Fr.] (49)

Ca (11) P (126) Sc (197)

congregatus Bull.: Fr. [sub: *C. congregatus* Bull.] (49)

P (126) Sc (197)

? *digitalis* (Batsch) Fr. [sub: *C. digitalis* Fr.] (52a)

M (156, 197)

disseminatus (Pers.: Fr.) S. F. Gray [sub: *Agaricus disseminatus* Pers., *Psathyrella minutula* (Schaeff.) Sacc., *P. disseminata* Pers.] (49)

C (11, 216) Et (216) P (126, 246) Sc (126, 197)

ephemerus (Bull.: Fr.) Fr. [sub: *Agaricus ephemerus* Bull., *Coprinus ephemerus* Bull., *C. ephemerus* Fr., *C. momentaneus* (Bull.) Sacc.] (49)

C (216) P (126) Sc (197)

hemerobius Fr. (49)

M (248)

micaceus (Bull.: Fr.) Fr. [sub: *C. micaceus* Fr., *C. micaceus* (Bull.) Fr.] (49)

C (11, 216, 217) Ca (11) Et (11) P (126, 246) Sc (197)

niveus (Pers.: Fr.) Fr. [°*C. niveus*] (49)

Et (11) P (+) T (226)

? *panormitanus* Inzenga (60)
P (126, 197)

picaceus (Bull.) Fr. [sub: *C. picaceus* Bull.] (49)
P (126) Sc (126, 197)

plicatilis (M. A. Curtis: Fr.) Fr. [sub: *C. plicatilis* (M. A. Curtis) Fr.] (49)
C (11) M (248) Md (+) Sc (197)

? *velaris* Fr. (60)
C (214) Et (197)

***Cortinarius* Roussel [*Cortinariaceae* Heim ex Pouzar]**

castaneus (Bull.: Fr.) Fr. [sub: *C. castaneus* Fr. ex Bull.] (49)
T (48)

collinitus Fr. (49)
Pa (46)

fulvescens Fr. (67)
Pa (46)

illibatus Fr. (49)
Pa (45)

ochroleucus (Schaeff.: Fr.) Fr. [sub: *C. ochroleucus* (Schaeff.) Fr.] (49)
Et (216) Sc (197)

orellanus (Fr.) Fr. (49)
Ca (11)

subfulgens Orton (49)
Et (13)

trivialis Lange [sub: °*C. trivialis*] (49)
Ca (11) E (11) Et (11) Md (11) T (226)

varius Fr. (49)
C (11)

violaceus (L.: Fr.) S. F. Gray (49)
C (11) Et (11)

zinziberatus (Fr.) Fr. (49)
Et (11)

***Crepidotus* (Fr.) Staude [*Cortinariaceae* Heim ex Pouzar]**

mollis (Schaeff.: Fr.) P. Kummer [sub: *Agaricus mollis* Schaeff., *Crepidotus mollis*

(Schaeff.) Qu  let] (49)

C (13) P (126) Pl (13) Sc (197)

variabilis (Pers.: Fr.) P. Kummer [sub: *Agaricus variabilis* Pers., *Crepidotus variabilis* (Pers.) Gillet] (49)

P (126) Sc (197)

Cystoderma Fayod [*Agaricaceae* Fr.]

amiantinum (Scop.: Fr.) Fayod (49)

Et (11)

carcharias (Pers. ex Secr.) Fayod (49)

Et (11)

cinnabarinum (Alb. & Schwein. ex Secr.) Fayod (49)

Et (11)

granulosum (Batsch: Fr.) Fayod (49)

Et (11)

Delicatula Fayod [*Tricholomataceae* Heim ex Pouzar]

integrella (Pers. ex Fr.) Fayod [sub: *Agaricus integrellus* L.] (49)

Et (234)

Dermocybe (Fr.) W  nsche [*Cortinariaceae* Heim ex Pouzar]

cinnabarina (Fr.) W  nsche (49)

Ca (11)

crocea (Schaeff.: Fr.) Moser [sub: *Hygrophorus croceus* (Bull.) Fr.] (49)

Pa (46)

Entoloma (Fr.) P. Kummer [*Entolomataceae* Kotl. & Pouzar]

aethiops (Fr.) Qu  let [sub: *Leptonia aethiops* Fr.] (49a)

Pa (46)

asprellum (Fr.) Moser [sub: *Leptonia asprella* Fr.] (49)

Et (11, 13) Pa (46)

cancrinum (Fr.) Noordeloos [sub: *  ccilia cancrina* (Fr.) Ricken] (67)

Pa (46)

clypeatum (L.: Fr.) P. Kummer [sub: *E. clypeatum* L., *E. clypeatum* (L.) Qu  let] (49)

Et (216) Sc (197)

hirtipes (Schumacher: Fr.) Moser [sub: *Nolanea pasqua* Pers.] (67)

Pa (46)

mammosum (Fr.) Helser (49)

Ca (13)

minutus (P. Karsten) Lange [sub: *Leptonia minuta* P. Karsten] (49a)

Pa (46)

nidosorum (Fr.) Quélet [sub: *E. nidosorum* Fr.] (49)

Ca (11) S (11) T (48)

proletarius (Fr.) Quélet ss. Ricken [sub: *Leptonia proletaria* Fr.] (49a)

Pa (46)

sericeum (Bull. ex Mérat) Quélet [sub: *E. sericeum* (Bull.) Fr.] (49)

Pa (46)

sinuatum (Bull.: Fr.) P. Kummer [sub: *Agaricus sinuatus* Bull., *Entoloma sinuatum* (Fr.) Quélet] (49)

Ca (11) Et (11) Md (11) P (126) T (226) Sc (197)

staurosporum (Bres.) Horak (49)

Et (11)

Flammulaster Earle [*Strophariaceae* Singer & A. H. Sm.]

pityrodes V. Briganti: Fr. [sub: *Naucoria pityrodes* V. Briganti, *N. pityrodes* (V. Briganti) Sacc.] (49)

Et (197, 214)

Flammulina P. Karsten [*Tricholomataceae* Heim ex Pouzar]

velutipes (M. A. Curtis: Fr.) Singer [sub: *Agaricus velutipes* M. A. Curtis, *Collybia velutipes* (M. A. Curtis) Quélet, *C. velutipes* (M. A. Curtis) Fr.] (49)

C (11) P (126, 246) Pa (46) Sc (197)

Galerella Earle [*Bolbitiaceae* Singer]

conocephala (Bull.: Fr.) Moser [sub: *Bolbitius conocephalus* (Bull.) Fr.] (49)

M (248)

Galerina Earle [*Cortinariaceae* Heim ex Pouzar]

? *bryorum* Pers. [sub: *G. bryorum* (Pers.) Fr.] (60)

Pa (46)

hypnorum (Schrank: Fr.) Kühner [sub: *G. hypnorum* (Schrank) Fr.] (49)

Pa (46)

vittaeformis (Fr.) Singer [sub: *G. vittaeformis* Fr.] (49)

Pa (46)

Gerronema Singer [*Tricholomataceae* Heim ex Pouzar]

umbilicatum (Fr.) Singer [sub: *Omphalia umbilicata* Fr.] (67)

Pa (46)

Gloiocephala Massee [*Tricholomataceae* Heim ex Pouzar]

palmarum Singer [sub: *Agaricus palmarum* V. Briganti, *Marasmius palmarum* (V. Briganti) Fr.] (67)

P (126) Sc (197)

Gymnopilus P. Karsten [*Cortinariaceae* Heim ex Pouzar]

penetrans (Fr.: Fr.) Murrill [sub: *Flammula penetrans* Fr.] (49)

Pa (45)

spectabilis (Fr.) Singer [sub: *G. spectabilis*] (49)

T (226)

Gyrophragmium Mont. [*Agaricaceae* Fr.]

dunalii (Fr.) Zeller (49)

R (11)

Hebeloma (Fr.) P. Kummer [*Cortinariaceae* Heim ex Pouzar]

crustuliniforme (Bull.: Fr.) Quélet [sub: *H. crustuliniforme* Bull., *H.*

crustuliniforme (Bull.) Quélet] (49)

C (217) Ca (11) Et (11) Sc (197)

var. *bulbiferum* Maire (5)

Et (11)

? *elatum* (Batsch) Gillet [sub: *Agaricus elatus* Batsch] (60)

P (126) Sc (197)

fastibile (Fr.) P. Kummer [sub: *H. fastibile* Fr.] (49)

Pa (45)

longicaudum (Fr.) ss. Lange [sub: *H. longicaudum* (Pers.) Quélet, *H. nudipes* Fr., *H. nudipes* (Fr.) Sacc.] (49)

C (214) Pa (46, 47) Sc (197)

mesophaeum (Pers.: Fr.) Quélet [sub: *H. mesophaeum* (Pers) Fr.] (49)

Pa (45)

sarcophyllum (Peck.) Sacc. [sub: *H. porphyrosporum* Maire] (49)

Pa (47)

sinapizans (Paulet: Fr.) Gillet (49)
Ca (11)

strophosum (Fr.) Sacc. [sub: *H. strophosum* Fr.] (49)
Pa (46)

versipelle (Fr.) Gillet ss. Romagnesi (49)
Et (11)

Hemimycena (Singer) Singer [*Tricholomataceae* Heim ex Pouzar]

delicatella (Peck.) Singer [sub: *Agaricus lacteus* Pers., *Mycena lactea* (Pers.) Quélet]
(49)
P (126) Sc (197)

Hohenbuehelia Schulzer [*Tricholomataceae* Heim ex Pouzar]

geogenia (DC.: Fr.) Singer (49)
C (13) Ca (13)

petaloides (Bull.: Fr.) Schulzer [sub: *Pleurotus petaloides* Bull., *P. petaloides* (Bull.)
Quélet] (38)
C (214) Et (13) Sc (197)

Hydropus Kühner ex Singer (*Tricholomataceae* Heim ex Pouzar)

fuliginarius (Batsch ex Weinm.) Singer [sub: *Agaricus fuliginarius* Weinm.,
Collybia fuliginaria (Batsch) Gillet] (67)
P (126) Sc (197)

Hygrocybe P. Kummer [*Hygrophoraceae* Roze ex Maire]

ceracea (Wulf.: Fr.) P. Karsten [sub: *Hygrocybe ceracea* (Wulf.) Fr., *Hygrophorus*
ceraceus (Wulf.) Fr.] (49)
Pa (45, 46)

chlorophana (Fr.) P. Karsten [sub: *Hygrophorus chlorophanus* Fr.] (49)
P (126) Pa (46) Sc (197)

coccinea (Schaeff.: Fr.) P. Kummer [sub: *Hygrophorus coccineus* Fr., *H. coccineus*
Scop., *H. miniatus* (Scop.) J. Schröter] (49)
P (126) Pa (47) Sc (197)

conica (Scop.: Fr.) [sub: *Agaricus conicus* Scop., *Hygrophorus conicus* (Scop.) Fr.]
(49)
P (126) Pa (46) Sc (197)

fornicata (Fr.) Singer [sub: *Hygrophorus fornicatus* Fr.] (49)
Pa (46)

marchii Bres. [sub: *Hygrophorus marchii* Bres.] (49)
Pa (47)

miniata (Fr.) P. Kummer [sub: *Hygrocybe miniatus* Fr., *Hygrophorus miniatus* Fr.]
(49)
Pa (45, 46) Sc (197)

nigrescens (Quélet) Kühner [sub: *H. nigrescens* Quélet] (49)
T (48)

obrussea (Fr.) Wünsche [sub: *Hygrophorus obrusseus* Fr.] (49)
T (48)

psittacina (Schaeff.: Fr.) P. Karsten [sub: *Hygrophorus psittacinus* (Schaeff.) Fr.]
(49)
Pa (46)

punicea (Fr.) P. Kummer [sub: *Agaricus puniceus* Fr., *Hygrophorus puniceus* Fr.]
(49)
P (126) Sc (197)

rei Maire [sub: *Hygrophorus rei* Maire] (49)
Pa (47)

sciophana (Fr.) P. Karsten [sub: *Hygrophorus sciophanus* Fr.] (49)
Pa (46)

vitellina (Fr.) P. Karsten [sub: *H. vitellina* Fr.] (49)
Pa (46)

***Hygrophorus* Fr. [*Hygrophoraceae* Roze ex Maire]**

chrysodon (Batsch) Fr. (49)
Ca (11) Md (11)

cossus (Sow. ex Berk.) Fr. [sub: *Hygrophorus cossus* (Sow.) Fr., *Limacium chrysapis*
Metr.] (49)
Pa (45, 47)

eburneus (Bull.: Fr.) Fr. [sub: *°H. eburneus*] (49)
Ca (11) E (11) T (226)

nemoreus (Lasch) Fr. (49)
Ca (11)

olivaceoalbus (Fr.) Fr. [sub: *°H. limacium* var. *olivaceoalbus*] (49)
T (226)

poetarum Heim [sub: *°H. poetarum*] (49)
T (226)

russula (Schaeff.: Fr.) Quélet [sub: *Tricholoma russula* (Schaeff.) Fr.] (49)
Ca (11) Pa (46)

Hypholoma (Fr.) P. Kummer [*Strophariaceae* Singer & A. H. Sm.]

capnoides (Fr.: Fr.) P. Kummer [sub: °*H. capnoides*] (49)
T (226)

ericaeum (Pers.: Fr.) Singer [sub: *Agaricus ericaeus* Pers., *Psilocybe ericaea* (Pers.)
Quélet] (49)
Md (126) Sc (197)

fasciculare (Hudson: Fr.) P. Kummer [sub: *Agaricus fascicularis* Hudson,
Hypholoma fasciculare Hudson, *H. fasciculare* (Hudson) Quélet, °*H. fasciculare*] (49)
Ca (11) E (11) Et (11, 214) M (126, 248) Sc (197) T (226)

sublateritium (Fr.) Quélet [sub: °*H. sublateritium*] (49)
Et (11) T (226)

Inocybe (Fr.) Fr. [*Cortinariaceae* Heim ex Pouzar]

asterospora Quélet (49)
Et (11) Ca (11)

brunnea Quélet [sub: *I. descissa* Fr. var. *brunnea* Quélet] (49)
T (48)

carpta (Scop.: Fr.) Quélet ss. Heim [sub: *I. carpta* Scop. ss. Heim] (49)
Pa (47) T (48)

cervicolor (Pers.: Pers.) Quélet [sub: *I. cervicolor* (Pers. ex Fr.) Quélet] (49)
Ca (11)

? *descissa* (Fr.) Quélet [sub: *I. descissa* Fr.] (60)
T (48)

dulcamara (Alb. & Schwein.: Pers.) P. Kummer [sub: *I. dulcamara* (Alb. &
Schwein.) Fr.] (49)
Et (11) Pa (46)

fastigiata (Schaeff.: Fr.) Quélet [sub: *Agaricus fastigiatus* Schaeff., *Inocybe fastigiata*
(Schaeff.) Quélet] (49)
C (11) Ca (11) Md (+) P (126, 246) Sc (197)

paludinella Peck [sub: °*Agaricus trechisporus* Berk.] (49)
P (126)

perbrevis (Weinm.) Gillet [sub: *Agaricus perbrevis* Weinm., *Inocybe perbrevis*
(Weinm.) Gillet] (49)
P (126) Sc (197)

scabella Fr. ss. Kühner [sub: *I. scabella* Fr., *I. scabella* (Fr.) Quélet] (49)
C (217) Sc (197)

virgatula Kühner [sub: *Agaricus rimosus* Bull.] (49)
P (126)

***Laccaria* Berk & Broome [Tricholomataceae Heim ex Pouzar]**

amethystina (Bolton ex Hooker) Murrill [sub: *L. laccata* (Scop.) Fr. var. *amethystina* (Bolton) Fr.] (49)
Pa (46)

laccata (Scop.: Fr.) Berk. & Broome [sub: *Agaricus laccatus* Scop., *Clitocybe laccata* Scop., *C. laccata* (Scop.) Quélet, *Laccaria laccata* (Scop.) Fr.] (49)
Et (216) P (126) Pa (45, 46) Sc (197)

proxima (Boud.) Pat. [sub: *L. proxima* Boud.] (49)
Pa (46, 47)

tortilis (Bolton) S. F. Gray [sub: *L. tortilis* Bolton, *L. tortilis* (Bolton) Boud.] (49)
Pa (46, 47)

***Lepiota* (Pers.) S. F. Gray [Agaricaceae Fr.]**

alba (Bres.) Sacc. (49)
Ca (11)

clypeolaria (Bull.: Fr.) P. Kummer [sub: *Agaricus clypeolarius* Bull., *Lepiota clypeolaria* (Bull.) Fr.] (49)
Md (126) P (126, 246) Pa (46)

cortinarius Lange (49)
Ca (13)

cristata (Alb. & Schwein.: Fr.) P. Kummer [sub: *Agaricus cristatus* Batsch, *Lepiota cristata* (Alb. & Schwein.) Fr., °*L. cristata*] (49)
P (126) Pa (46) T (226)

helveola Bres. [sub: °*L. helveola*] (49)
P (246) T (226)

? *straminella* (Bagl.) Sacc. [sub: *L. straminella* Bagl.] (60)
C (214) Sc (197)

***Lepista* (Fr.) Wm. G. Sm. [Tricholomataceae Heim ex Pouzar]**

glaucoana (Bres.) Singer (49)
Pl (13)

inversa (Scop.: Fr.) Pat. [sub: *Clitocybe inversa* Scop.] (49)

Pa (47)

luscina (Fr.) Singer [sub: *Tricholoma panaeolum* Fr.] (49)

Pa (46)

nimbata (Batsch ex Secr.) P. Karsten [sub: *Rhodopaxillus nimbatus* Batsch] (67)

Pa (47)

nuda (Bull.: Fr.) Cooke [sub: *Agaricus nudus* Bull., *Rhodopaxillus nudus* Bull., *R. nudus* Fr. ex Bull., *Tricholoma nudum* (Bull.) Quélet] (49)

Md (126) P (126) Pa (47) T (48) Sc (197)

var. *lilacina* Quélet [sub: °*Tricholoma nudum* var. *liliacea*] (67)

T (226)

sordida (Fr.) Singer [sub: *Rhodopaxillus sordidus* Fr.] (49)

T (48)

Leptoglossum P. Karsten [*Tricholomataceae* Heim ex Pouzar]

muscigenum (Bull.: Fr.) P. Karsten [sub: *Cantharellus muscigenus* Bull., *C. muscigenus* Fr.] (67)

P (126) Sc (197)

Leucoagaricus (Locquin) Singer [*Agaricaceae* Fr.]

naucinus (Fr.) Singer [sub: *Lepiota naucina* Fr.] (67)

T (48)

pudicus (Bull.) Moser [sub: *Lepiota leucothites* (Vittad.) Orton] (49)

C (13)

Leucocoprinus Pat. [*Leucocoprinaceae* (Singer) Jülich]

birnbaumii (Corda) Singer (67)

P (246)

Leucopaxillus Boursier [*Tricholomataceae* Heim ex Pouzar]

gentianeus (Quélet) Kotl. (49)

C (11) Ca (11) M (11)

Lyophyllum P. Karsten [*Tricholomataceae* Heim ex Pouzar]

fumosum (Pers.: Fr.) Kühner & Romagnesi (49)

Ca (11) Et (11)

loricatum (Fr.) Kühner (49)

Et (11) M (11)

ovisporum Reid. (49)

Et (11)

semitale (Fr.) Kühner [sub: *Collybia semitalis* Fr.] (49)

Pa (46)

ulmarium (Bull.: Fr.) Kühner [sub: *Agaricus ulmarius* Bull., *Pleurotus ulmarius* (Bull.) Quélet] (49)

Ca (13) P (126) Sc (2, 197)

***Macrolepiota* Singer [Agaricaceae Fr.]**

excoriata (Schaeff.: Fr.) Moser [sub: *Agaricus excoriatus* Schaeff., *Lepiota excoriata* Schaeff., *L. excoriata* (Schaeff.) Quélet, °*L. excoriata*] (49)

M (11, 248) Md (+) P (126) Pa (46) Sc (2, 197) T (226)

fuligineosquarrosa Malençon [sub: °*M. fuligineosquarrosa*] (67)

T (226)

gracilentia (Fr.) Moser [sub: *Lepiota gracilentia* (Krombh.) Fr., *Macrolepiota gracilentia* (Fr.) s.l.] (49)

C (11) Ca (11) Md (11) Pa (11)

mastoidea (Fr.) Singer (49)

C (11) Md (+) P (+)

olivascens Moser (49)

Ca (13)

permixta (Barla) Pacioni (40x)

Ca (11) Et (11)

procera (Scop.: Fr.) Singer [sub: *Agaricus procerus* Scop., *Lepiota procera* Scop., *L. procera* (Scop.) Quélet, °*L. procera*] (49)

Ca (11) E (11) Et (11, 214) M (126) Md (11) P (126) Sc (197) T (226)

rhacodes (Vittad.) Singer (49)

C (11) Ca (11)

***Marasmius* Fr. [Tricholomataceae Heim ex Pouzar]**

androsaceus (L.: Fr.) Fr. [sub: *M. androsaceus* L., *M. androsaceus* (L.) Fr.] (49)

P (126) Pa (46) Sc (197)

? *angulatus* (Pers.) Berk. & Broome [sub: *Agaricus angulatus* Pers., *M. angulatus* (Batsch) G. Winter] (60)

C (216) Sc (197)

collinus (Scop.: Fr.) Singer [sub: *Collybia collina* Scop., *C. collina* (Scop.) Fr., *C. collina* (Scop.) Quélet] (49)

C (212, 213) Pa (46) Sc (197)

epiphyllus (Pers.: Fr.) Fr. (49)
Et (11) P(+)

? *erythropus* (Pers.) Fr. (60)
Pa (46)

oreades (Bolton: Fr.) Fr. [sub: *M. camarophyllus* (Schaeff.) J. Schröter, *M. oreades*
Bolton, *M. oreades* (Bolton) Fr.] (49)
Et (11) M (248) Pa (45) Sc (197) T (48)

scorodonius (Fr.) Fr. (49)
P (126)

? *trichopus* Pass. & Beltr. (60)
P (167, 197)

Melanoleuca Pat. [*Tricholomataceae* Heim ex Pouzar]

excissa (Fr.) Singer [sub: *M. excissa* Fr.] (67)
Pa (47)

grammopodia (Bull: Fr.) Pat. [sub: *M. grammopodia* (Bull.) Fr.] (49)
C (11) Et (11) M (11) Pa (46)

humilis (Fr.) Singer [sub: °*Melanoleuca humilis* (Pers.) Ricken, *Tricholoma humile*
Fr.] (49)
C (212) T (48)

melaleuca (Pers.: Fr.) Murrill [sub: *M melaleuca* (Pers.) Pat., °*M melaleuca*] (49)
E (11) Et (11) Pa (45) T (48, 226)

? var. *phaeopodium* (Bull.) Barla (61)
C (216)

? var. *tephrophyllum* Bres. (61)
C (216)

schumacheri (Fr.) Singer (49)
C (11)

Mniopetalum Donk & Singer [*Tricholomataceae* Heim ex Pouzar]

bryophilum (Pers.: Fr.) Donk [sub: *Cantharellus bryophilus* Pers., *C. bryophilus*
(Pers.) S.M.] (67)
P (126) Sc (197)

Montagnea Fr. [*Montagneaceae* Singer]

arenaria (DC.: Fr.) Zeller (49)
C (52) S (11)

***Mycena* (Pers.) Roussel [Tricholomataceae Heim ex Pouzar]**

aetites (Fr.) Quélet [sub: *M. aetites* Fr., *M. ammoniaca* Fr., *M. ammoniaca* (Fr.)
Quélet] (49)
C (212) Et (213) Pa (46) Sc (197)

alcalina (Fr.) P. Kummer [sub: *M. alcalina* Fr.] (49)
C (11) Et (11) Pa (46)

epipterygia (Scop.: Fr.) S. F. Gray (49)
Et (11)

flavo-alba (Fr.) Quélet [sub: *M. flavo-alba* Fr.] (49)
Pa (46)

floridula (Fr.) P. Karsten [sub: *M. floridula* Fr.] (67)
Pa (46)

galericulata (Scop.: Fr.) S. F. Gray [sub: *Agaricus galericulatus* Scop., *Mycena
galericulata* Scop., *M. galericulata* (Scop.) Fr., *M. galericulata* (Scop.) Quélet] (49)
C (212, 213) Et (11) P (126) Pa (46) Sc (197) T (48)

? **var. *calopoda*** Fr. [sub: *M. calopoda* Fr.] (60)
Pa (46)

haematopoda (Pers.: Fr.) P. Kummer (49)
Ca (13)

inclinata (Fr.) Quélet [sub: *M. inclinata* Fr.] (49)
Pa (46)

laevigata (Lasch) Quélet [sub: *M. laevigata* (Lasch) Fr.] (49)
Pa (46)

? ***lineata*** Bull. [sub: *M. lineata* (Bull.) Fr.] (60)
Pa (46)

pelianthina (Fr.) Quélet (49)
Ca (11) Et (11)

polygramma (Bull.: Fr.) S. F. Gray (49)
Et (11)

pura (Pers.: Fr.) P. Kummer [sub: *M. pura* (Pers.) Fr.] (49)
C (11) Ca (11) Et (11) Md (11) Pa (46) T (226)

rugosa (Fr.) Quélet [sub: *M. rugosa* Fr.] (67)
C (216) Sc (197)

seynii Quélet [sub: °*M. seynii*] (49)

T (226)

zephyrus (Fr.: Fr.) P. Kummer [sub: *M. zephira* Fr.] (49)
Pa (46)

Naucoria (Fr.) P. Kummer [*Cortinariaceae* Heim ex Pouzar]

escharioides (Fr.: Fr.) P. Kummer [sub: *N. escharoides* Lange] (49)
Pa (46)

? *temulenta* Fr. (60)
Pa (46)

Omphalina Quélet [*Tricholomataceae* Heim ex Pouzar]

pyxidata (Bull.: Fr.) Quélet [sub: *Agaricus pyxidatus* Bull., *Omphalia pyxidata* Bull.,
O. pyxidata (Bull.) Quélet] (49)
P (126) Pa (46) Sc (197)

rustica (Fr.) Quélet [sub: *Agaricus rusticus* Fr., *Omphalia rustica* (Fr.) Quélet] (49)
P (126) Sc (197)

umbratilis (Fr.) Quélet [sub: *Omphalia umbratilis* Fr.] (49)
Pa (46)

? *vesuviana* (V. Briganti) Sacc. [sub: *Agaricus vesuvianus* V. Briganti] (60)
Et (197) P (126)

Oudemansiella Speg. [*Tricholomataceae* Heim ex Pouzar]

badia (Quélet) Moser (49)
C (13) Et (13)

longipes (Bull. ex St. Amans) Moser [sub: *Collybia longipes* Bull., *C. longipes*
(Bull.) Quélet] (49)
Et (13, 214) Sc (197)

radicata (Relhan: Fr.) Singer [sub: *Agaricus radicans* Relhan, *Collybia macroura*
(Scop.) Gramberg.] (49)
Ca (11) Cl (11) Et (11) Md (11) P (126) Sc (197)

Panaeolus (Fr.) Quélet [*Coprinaceae* Roze ex Overeem]

acuminatus (Schaeff. ex Secr.) Quélet [sub: *P. acuminatus* (Schaeff.) Fr.] (49)
Pa (45)

ater (Lange) Kühner & Romagnesi (49)
T (48)

fimicola (Fr.) Gillet [sub: *P. varius* (Bolton) Sacc.] (67)
Sc (197)

papilionaceus (Bull.: Fr.) Quélet [sub: *Agaricus papilionaceus* Bull., *Panaeolus campanulatus* (L.) Fr., *P. papilionaceus* (Bull.) Quélet] (49, 67)

P (126) Pa (46) Sc (197) T (48)

retirugis (Fr.) Quélet [sub: *P. retirugis* Fr.] (49)

T (48)

sphinctrinus (Fr.) Quélet (49)

E (11) Et (11) M (11) P (+)

Phaeolepiota Maire ex Konrad & Maubl. [Agaricaceae Fr.]

aurea (Mattiolo: Fr.) Maire (49)

Ca (13)

Pholiota (Fr.) P. Kummer [Strophariaceae Singer & A. H. Sm.]

aurivella (Batsch: Fr.) P. Kummer (49)

Et (11)

carbonaria (Fr.) Singer [sub: *Flammula carbonaria* Fr.] (49)

C (11) Pa (47)

lenta (Pers.: Fr.) Singer [sub: *Flammula lenta* (Pers.) Fr.] (49)

Pa (46)

spumosa (Fr.) Singer [sub: *Flammula spumosa* Fr.] (49)

Pa (45)

squarroso-adiposa Lange (67)

Ca (11)

Pluteus Fr. [Pluteaceae Kotl. & Pouzar]

atricapillus (Sacr.) Singer [sub: *P. cervinus* Schaeff., *P. cervinus* (Schaeff.) Fr.] (49)

Ca (11) M (11) Md (11) Pa (45) T (48)

exiguus Pat. (49)

Pa (46)

nanus (Pers.: Fr.) P. Kummer [sub: *P. nanus* (Pers.) Fr.] (49)

Pa (46)

pellitus (Pers.: Fr.) P. Kummer [sub: *P. pellitus* (Pers.) Fr.] (49)

Pa (46)

Psathyrella (Fr.) Quélet [Coprinceae Roze ex Overeem]

ammophila (Durieu & Lév.) Orton [sub: *Psilocybe ammophila* Durieu & Lév., *P. ammophila* (Durieu & Lév.) Gillet] (49)

Pa (46) Sc (197)

candolleana (Fr.) Maire (49)
C (11)

cernua (Vahl: Fr.) Moser [sub: *Agaricus cernuus* Vahl, *Psilocybe cernua* (Vahl) Fr., *P. farinulenta* (Schaeff.) Sacc.] (49)
P (126) Pa (45) Sc (197)

coronata (Fr.) ss. Bres. [sub: *Hypholoma coronatum* (Fr.) Bull.] (49)
Pa (45) T (48)

corrugis (Pers.: Fr.) Konrad & Maubl. [sub: *Psathyra corrugis* Pers.] (49)
Pa (46)

fatua (Fr.) Konrad & Maubl. [sub: *Psathyra fatua* Fr., *P. fatua* (Fr.) Quélet] (49)
C (216) Pa (46) Sc (197)

gossypina (Bull.: Fr.) Pears. & Dennis [sub: *Psathyra gossypina* Bull., *P. gossypina* (Bull.) Gillet] (49)
C (216) Sc (197)

? *gracilipes* Pat. (60)
C (197, 216)

hydrophila (Bull. ex Mérat) Maire [sub: *Agaricus appendiculatus* Bull., *Hypholoma appendiculatum* Bull., *H. appendiculatum* (Bull.) Fr., *H. appendiculatum* (Bull.) Quélet, *H. hydrophilum* Bull., *H. hydrophilum* (Bull.) Fr., *Psathyra hydrophila* Fr.] (49)
C (216) P (126) Pa (45, 46) T (48) Sc (197)

multipedata Peck (49)
Et (11)

spadicea (Schaeff.: Fr.) Singer [sub: *Psathyra spadicea* Fr.] (49)
Pa (46)

spadiceo-grisea (Fr.) Maire (49)
C (11)

velutina (Pers.: Fr.) Singer [sub: *Agaricus velutinus* Pers., *Hypholoma lacrimabundum* Bull.] (49)
Ca (11) Et (11) P (126) Pa (45)

Pseudobaeospora Singer [Agaricaceae Fr.]

serena (Fr.) Locq. [sub: *Lepiota serena* Fr.] (49)
M (248)

***Pseudoclitocybe* (Singer) Singer [Tricholomataceae Heim ex Pouzar]**

cyathiformis (Bull.: Fr.) Singer [sub: *Agaricus cyathiformis* Bull., *Clitocybe cyathiformis* (Bull.) Quélet] (49)
P (126) Sc (197)

***Psilocybe* (Fr.) P. Kummer [Strophariaceae Singer & A. H. Sm.]**

merdaria (Fr.) Ricken [sub: *Stropharia merdaria* Fr.] (49)
Ca (11) P (+) Pe (233)

montana (Pers.: Fr.) P. Kummer [sub: *Agaricus atrorufus* Schaeff., *Psilocybe atro-rufa* (Schaeff.) Fr., *P. atro-rufa* (Schaeff.) Quélet] (49)
P (126) Pa (46) Sc (197)

***Resupinatus* Nees [Tricholomataceae Heim ex Pouzar]**

applicatus (Batsch: Fr.) S. F. Gray [sub: *Agaricus applicatus* Batsch, *Pleurotus applicatus* (Batsch) Quélet] (49)
P (126) Sc (197)

***Rhodocybe* Maire [Entolomataceae Kotl. & Pouzar]**

hirneola (Fr.) Orton [sub: *Clitocybe hirneola* Fr., *Clitopilopsis hirneola* (Fr.) Maire] (49)
Pa (46) M (248)

parilis (Fr.) Singer [sub: *Clitocybe parilis* Fr.] (49)
Pa (46)

popinalis (Fr.) Singer [sub: *Clitocybe popinalis* Fr.] (49)
Pa (47)

truncata (Schaeff.: Fr.) Singer **subsp. *mauretanica*** (Maire) Singer (67)
T (226)

***Stropharia* (Fr.) Quélet [Strophariaceae Singer & A. H. Sm.]**

aeruginosa (M. A. Curtis: Fr.) Quélet (49)
Ca (11) Et (11)

coronilla (Bull.: Fr.) Quélet [sub: *Agaricus coronillus* Bull.] (49)
Ca (11) E (11) Md (126)

semiglobata (Batsch: Fr.) Quélet [sub: *S. semiglobosa* (Batsch) Quélet] (49)
Et (11) Md (11) Pa (46)

squamosa (Pers.: Fr.) Quélet (49)
Ca (11) Et (11)

***Tephrocycbe* Donk [*Tricholomataceae* Heim ex Pouzar]**

antracophila (Lasch) Orton (49)
Ca (11)

coracina (Fr.) Moser [sub: *Collybia coracina* Fr.] (49)
Pa (45)

inolens (Fr.) Moser [sub: *Collybia inolens* Fr.] (49)
Pa (46)

***Tricholoma* (Fr.) Staude [*Tricholomataceae* Heim ex Pouzar]**

acerbum (Bull.: Fr.) Quélet (49)
Ca (230) Et (230)

albatum (Quélet) Maubl. & d'Astis (49)
Et (230)

albobrunneum (Pers.: Fr.) P. Kummer [sub: *T. albo-brunneum* Fr., *T. striatum* Schaeff.] (49)
Ca (13, 230) E (13, 230) Pa (45, 47)

album (Schaeff.: Fr.) Quélet (49)
Ca (230) Et (230)

argyraceum (Bull.: Fr.) Sacc. [sub: *T. argyraceum* Fr., *T. argyraceum* (Bull.) Fr.] (49)
C (230) Ca (13) Pa (46) T (48)

atrosquamosum (Chev.) Sacc. [sub: *T. atrosquamosum* Chev.] (49)
Ca (230) Et (230) T (48)

aurantium (Schaeff.: Fr.) Ricken (49)
Et (230)

auratum (Paulet: Fr.) Gillet (49)
C (230) Et (230)

basirubens (Bonorden) Riva & Bonorden (79)
Et (230)

batschii Gulden (49)
Ca (230) Et (230)

bufonium (Pers.: Fr.) Gillet (49)
C (230) Ca (230)

caligatum (Viv.) Ricken [sub: *Armillaria caligata* (Viv.) Gillet] (49)
C (230) Pa (45)

cnista Fr. (49)
Et (230)

equestre (L.) Fr. (14)
Pa (46)

flavovirens (Pers.: Fr.) Lundell. & Nannf. (49)
C(230) Ca (230) Et (230)

focale (Fr.) Ricken (49)
Et (230)

imbricatum (Fr.: Fr.) P. Kummer [sub: *T. imbricatum* Fr.] (49)
Et (230) Pa (45)

inamoenum (Fr.) Quélet (49)
Ca (230)

irinum ss. Singer (49)
Md (230)

lascivum (Fr.) Gillet [sub: *T. lascivum* Fr.] (49)
Pa (46)

pardinum Quélet (49)
Et (230)

populinum Lange (49)
Ca (230) Et (230)

portentosum (Fr.) Quélet [sub: °*T. portentosum*] (49)
Et (230) T (226)

rickenii Singer (49)
C (230)

robustum (Alb. & Schwein.: Fr.) Ricken (49)
Et (230)

roseoacervum Riva (79)
Et (230)

saponaceum (Fr.) P. Kummer (49)
C (230) Ca (230) Et (230)

? var. *ardosiaca* Bres. [sub: *T. saponaceum* (Fr.) P. Kummer var. *squamosum*
Cooke fo. *ardosiacum* (Bres.) Bonord.] (79)
Ca (230) M (230)

scalpturatum (Fr.) Quélet [sub: *T. scalpturatum* Fr.] (49)

C (230) Et (230) T (48)

sejunctum (Sow.: Fr.) Quélet (49)

Et (230)

squarrulosum Bres. (49)

Ca (230) Et (230)

sulphureum (Bull.: Fr.) P. Kummer [sub: *T. sulphureum* Bull., *T. sulphureum* (Bull.) Quélet] (49)

Et (216, 230) Sc (197)

terreum (Schaeff.: Fr.) P. Kummer [sub: *T. terreum* Schaeff., °*T. terreum*] (49)

C (230) Ca (230) Et (212, 213, 230) Md (+) T (48, 226)

? *var. aetnense* Bacc. (60)

C (214) Et (197)

ustale (Fr.: Fr.) P. Kummer [sub: °*T. ustale*] (49)

Et (230) T (226)

var. rufo-aurantiaca Bonorden (79)

Et (230)

ustaloides Romagnesi (49)

Ca (230) Et (230)

? *variegatum* Scop. (60)

M (248)

Tubaria (Wm. G. Sm.) Gillet [*Strophariaceae* Singer & A. H. Sm.]

conspersa (Pers.: Fr.) Fayod [sub: *Naucoria conspersa* (Pers.) Fr.] (49)

Pa (46) T (48)

furfuracea (Pers.: Fr.) Gillet [sub: *T. furfuracea* Pers., *T. furfuracea* (Pers.) Fr.] (49)

Pa (46) T (48)

pellucida (Bull.: Fr.) Gillet ss. Lange [sub: *Naucoria pellucida* Bull., *Tubaria pellucida* (Bull.) Gillet, *T. pellucida* Quélet] (49)

Et (197, 216) T (48)

Volvariella Speg. [*Pluteaceae* Kotl. & Pouzar]

gloiocephala (DC.: Fr.) Singer [sub: *Volvaria gloiocephala* DC.] (49)

C (11) Ca (11) P (246) Pa (46) T (48)

pusilla (Pers.: Fr.) Singer [sub: *Agaricus parvulus* Weinm., *Volvaria pusilla* (Pers.) Quélet] (49)

M (126) Sc (197)

speciosa (Fr.) Singer [sub: *Agaricus speciosus* Fr., *Volvaria speciosa* Fr., *V. speciosa* (Fr.) Gillet] (49)

Et (214) M (248) P (126) Pa (45) Sc (197) T (48)

volvacea (Bull.: Fr.) Singer [sub: *Agaricus volvaceus* Bull., *Volvaria volvacea* (Bull.) Sacc.] (49)

P (126, 246) Sc (197)

RUSSULALES

Lactarius S. F. Gray [*Russulaceae* Roze]

azonites Bull.: Fr. [sub: *L. azonites* (Bull.) Fr.] (49)

Pa (46)

blennius Fr. (49)

Ca (11, 228) Et (11, 228)

camphoratus (Bull.: Fr.) Fr. [sub: *L. camphoratus* Bull., *L. camphoratus* (Bull.) Fr.] (49)

Ca (228) Et (13) P (126) Sc (197)

chrysorrheus Fr. [sub: °*L. chrysorrheus*] (49)

C (11, 228) Ca (11, 228) M (11, 228) Md (11, 228) T (226)

cimicarius Batsch (5)

Ca (11) Md (11, 228)

cistophilus Bonorden & Trimb. (5)

C (11, 228)

controversus Pers.: Fr. (49)

Ca (228) Et (11, 228) Md (11, 228)

deliciosus Fr. [sub: *L. deliciosus* (L.) Fr.] (49)

Et (11, 228) Pa (45)

fuliginosus Fr. (49)

Et (11, 228)

insulsus Fr. (49)

P (126) Sc (197)

mairei Malençon (49)

C (11, 228)

piperatus (L.: Fr.) Pers. [sub: *L. piperatus* Scop., *L. piperatus* (Scop.) Fr.] (49)

Et (11, 228) Md (+) P (126) Sc (197)

rufus (Scop.) Fr. (49)

Ca (13, 228)

rugatus Kühner & Romagnesi (49)

Et (11, 228)

sanguifluus (Paulet: Fr.) Fr. [sub: *L. sanguifluus* (Paulet) Fr.] (49)

E (11, 228) Et (11, 228) Pa (45)

? *var. vinosus* Barla [sub: °*L. vinosus*] (60)

T (226)

semisanguifluus Heim & Lecl. [sub: °*L. semisanguifluus*] (49)

Et (228) T (226)

serifluus DC.: Fr. [sub: *L. serifluus* Fr.] (49)

T (48)

subdulcis Bull.: Fr. [sub: *L. subdulcis* Fr.] (49)

Pa (45)

torminosus (Schaeff.: Fr.) S. F. Gray [sub: *L. torminosus* Fr., °*L. torminosus*] (49)

Ca (11) Et (11, 228) Md (126) T (226)

uvidus Fr. (49)

C (11) Ca (11, 228) Pa (47)

vellereus (Fr.) Fr. (49)

Ca (228) Et (11, 228)

volemus Fr. (49)

Ca (13, 228) M (126) Pa (46) Sc (197)

zonarius Fr. [sub: *L. zonarius* (Bull.) Fr.] (49)

Ca (11, 228) Et (11, 228) Pa (45)

Martellia Mattiolo [*Russulaceae* Roze]

mistiformis Mattiolo (49)

Md (147)

Russula Pers. [*Russulaceae* Roze]

adusta Fr. [sub: *R. adusta* (Pers.) Fr.] (49)

Et (216) Sc (197)

amoena Quélet (49)

Pa (45)

anthracina Romagnesi (49)

Ca (229) Et (229)

atropurpurea Krombh. (49)
Et (11, 229)

chloroides Krombh. (49)
Ca (229) Et (11, 229)

cyanoxantha Schaeff.: Fr. [sub: °*R. cyanoxantha*] (49)
Ca (11, 229) Et (11, 229) M (11) Md (11, 229) P (246) T (226)

delica Fr. [sub: °*R. delica*] (49)
Ca (11, 229) Cl (11) Et (11, 216, 229) Md (11) P (126) Sc (197) T (226)

emetica Fr. [sub: *Agaricus emeticus* Schaeff., °*Russula emetica*] (49)
P (126) Sc (197) T (226)

var. sylvestris Singer (49)
Et (229)

faginea Romagnesi (49)
Ca (229)

firmula J. Schaeff. (49)
Ca (229)

flava (Romell) Romell (49)
Cl (229)

foetens Fr. (49)
C (11, 229) Md (11, 229)

fragilis (Pers.: Fr.) Fr. (49)
Ca (229)

galochroa Fr. (49)
Et (13, 229)

heterophylla (Fr.) Fr. [sub: *R. heterophylla* Fr.] (49)
M (126)

laurocerasi Melser (49)
Ca (13, 229)

lundellii Singer (49)
Et (229)

lutea (Hudson: Fr.) S. F. Gray (49)
Ca (11, 229) Md (11, 229)

var. ochracea (Pers.: Fr.) Singer [sub: *R. ochracea* (Pers.) Fr.] (67)

Pa (46)

maculata Quélet & Roze (49)

Ca (229)

mairei Singer var. *mairei* (49)

Ca (229)

mesospora Singer (67)

Cl (229)

nigricans (Bull.) Fr. [sub: *°R. nigricans* Ott.] (43)

Ca (13) P (126) Sc (197)

nitida (Pers.: Fr.) Fr. (49)

Et (229)

olivacea (Schaeff. ex Secr.) Fr. [sub: *R. olivacea* (Schaeff. ex Secr.) Fr. fo. *amoena* Quélet] (49)

Et (229)

olivascens (Pers. ex Schwein.) ss. Bres. [sub: *R. olivascens* (Pers.) Fr.] (49)

Pa (45)

queletii Fr. in Quèl (49)

Et (11, 229)

rosacea Pers. ex S. F. Gray [sub: *R. rosacea* (Pers.) Fr.] (49)

Ca (229) Et (229) Pa (46)

rosea Quélet (49)

Ca (229)

sanguinea (Bull. ex St. Amans) Fr. (49)

Ca (229) Et (11, 229)

sardonica Fr. (49)

Et (229)

sericatula Romagnesi (49)

Et (229)

torulosa Bres. (49)

E (229) Et (11, 229)

versicolor J. Schaeff. (49)

Pa (45)

vinosa Lindblad (49)

Ca (229)

virescens (Schaeff. ex Zant.) Fr. [sub: °*R. virescens*] (49)
Ca (11, 229) T (226)

viscida Kudr. (49)
Md (229)

xerampelina (Schaeff. ex Secr.) Fr. var. *olivascens* (Fr. p.p.) Zvara (67)
Ca (13, 229)

Appendix

Lentinellus P. Karsten [? *Lentinellaceae* Locquin]

cochleatus (Pers.: Fr.) P. Karsten [sub: *Lentinus cochleatus* Fr., *L. cochleatus* (Pers.)
Fr.] (49)
Md (126) Sc (197)

omphalodes (Fr.) P. Karsten (49)
Et (11)

vulpinus (Sow.: Fr.) Kühner & Maire (49)
Ca (11)

Schizophyllum Fr. [*Schizophyllaceae* Quélet]

commune Fr.: Fr. [sub: *S. alneum* (L.) J. Schröter] (49)
Eo (+) Et (11, 216) Md (126) P (216, 246) Pa (46) Sc (197) T (48)

Gasteromycetes

PHALLALES

Clathrus P. Micheli ex L. [*Clathraceae* Chev.]

ruber P. Micheli: Pers. [sub: *C. cancellatus* Fr., *C. cancellatus* L., *C. cancellatus*
Tourn.] (42)
Ca (11) Eo (+) Et (217, 234) P (+) Pa (46) Sc (126)

Colus Cavara & Séch. [*Clathraceae* Chev.]

hirundinosus Cavara & Séch. (42)
T (48)

Mutinus Fr. [*Phallaceae* Corda]

caninus (Hudson: Pers.) Fr. [sub: *M. caninus* (Hudson) Fr.] (42)
E (11) P (214)

***Phallus* L.: Pers. [*Phallaceae* Corda]**

hadriani Vent.: Pers. [sub: *P. impudicus* L. var. *imperialis* Schulzer] (42)
C (11) M (248)

impudicus L.: Pers. [sub: *Ithyphallus impudicus* (L.) Fr., *Phallus impudicus* L.] (42)
C (11, 212, 213, 214) M (11) P (126, 246)

NIDULARIALES***Crucibulum* Tul. & C. Tul. [*Nidulariaceae* Dumort.]**

laeve (Hudson ex Relhan) Kambly & al. [sub: *C. laeve* (Bull. ex DC.) Kambly, *C. vulgare* Tul., *Nidularia crucibulum* Fr., *N. crucibulum* Hoffm.] (42)
C (11, 212, 213, 214) Et (177) P (126)

***Cyathus* Haller : Pers. [*Nidulariaceae* Fr.]**

olla Batsch : Pers. [sub: *Nidularia campanulata* Fr.] (42)
C (11) P (126)

striatus Hudson: Pers. [sub: *C. striatus* (Hudson) Hoffm.] (42)
M (248)

LYCOPERDALES***Bovista* Pers.: Pers. [*Lycoperdaceae* Chev.]**

aestivalis (Bonorden) Demoulin [sub: *Lycoperdon furfuraceum* Schaeff.] (42)
Et (217) Sc (175)

nigrescens Pers.: Pers. [sub: *B. nigrescens* Pers.] (42)
M (248)

plumbea Pers.: Pers. [sub: *B. plumbea* Pers.] (42)
C (13) T (48)

***Calvatia* Fr. [*Lycoperdaceae* Brogn.]**

candida (Rostk.) Hollós [sub: *Langermannia candida* Rostk.] (42)
P (126)

gigantea (Batsch : Pers.) Rostk. [sub: *Lycoperdon bovista* L.] (42)
C (11, 214) Ca (11) Et (234) M (248) Md (126) Sc (126)

utriformis (Bull.: Pers.) Jaap [sub: *C. caelata* (Bull.) Morg.] (42)
Ca (11) Et (11)

Geastrum* Pers.: Pers. [*Geastraceae* Corda]**saccatum* Fr. (42)**

C (13)

***sessile* (Sow.) Pouzar [sub: *G. fimbriatum* Fr., °*G. fimbriatum*] (42)**

C (11) E (11) T (226)

***triplex* Jungh. (42)**

C (11)

Lycoperdon* Tourn.: Pers. [*Lycoperdaceae* Brogn.]**atropurpureum* Vittad. (26)**

Et (216) Sc (175)

? var. *catinense* Scalia (79)

C (213) Sc (175)

***echinatum* Pers.: Pers. (42)**

Ca (11)

***molle* Pers.: Pers. (42)**

Et (11) Md (11)

***perlatus* Pers.: Pers. [sub: *L. gemmatum* Batsch, °*L. gemmatum*, °*L. perlatus*] (42)**

C (11) Ca (11) E (11) Et (216) Md (11) P (126) Pa (45) Sc (175) T (226)

***pyriforme* Schaeff.: Pers. [sub: *L. pyriforme* Schaeff., °*L. saccatum*] (42)**

Ca (11) Et (11, 216, 248) P (126) Pa (45) Sc (175) T (226)

Myriostoma* Desv. [*Geastraceae* Corda]**coliforme* (Dickson: Pers.) Corda [sub: *M. coliformis* (Dickson) Corda] (42)**

Et (220, 222) Sc (175)

Vascellum* Smarda [*Lycoperdaceae* Brogn.]**pratense* (Pers.) Kreisel (42)**

Et (13)

SCLERODERMATALES***Astraeus* Morgan [*Astraeaceae* Zeller ex Jülich]*****hygrometricus* (Pers.) Morgan [sub: *Astraeus stellatus* (Scop.) E. Fischer, *Geaster hygrometricus* Pers., *Geastrum stellatum* (L.) Pers.] (42)**

C (11) Eo (+) Et (177, 214, 234) Pa (46) Sc (126)

***Pisolithus* Alb. & Schwein. [*Pisolithaceae* Ulbr.]**

arhizus (Pers.) Rauschert [sub: *Pisolithus arenarius* Alb. & Schwein., *P. crassipes* (DC.) Petri, *Polysaccum crassipes* DC., *P. crassipes* (DC.) Petri, *P. pisocarpium* Fr.] (42)

C (11, 217) Md (147) P (126, 246) Pa (45) Sc (175) T (48)

***Scleroderma* Pers. [*Sclerodermataceae* Corda]**

cepa Pers. (42)

Pa (46)

citrinus Pers. [sub: *S. vulgare* Fr., *S. vulgare* Hornem.] (42)

C (214) Et (214) P (126)

meridionale Demoulin & Malençon (42)

C (11)

polyrhizum Gmelin: Pers. [sub: *Sclerangium polyrrhizon* (Gmelin) Lèv.](42)

Sc (175)

spadiceum (Schaeff.) Fr. (14)

Pa (45)

verrucosum Bull.: Pers. [sub: *S. verrucosum* Pers.] (42)

Cl (11) E (11) Et (11) M (11) Pa (47)

TULOSTOMATALES***Battarraea* Pers. [*Battarraeaceae* Corda]**

phalloides Dickson: Pers. (42)

M (55)

***Tulostoma* Pers.: Pers. [*Tulostomataceae* E. Fischer]**

brumale Pers.: Pers. [sub: *Tulostoma mammosum* Fr., *Tylostoma mammosum* (P. Micheli) Fr.] (42)

Et (13, 217) P (126)

HYMENOGASTRALES***Hymenogaster* Vittad. [*Hymenogasteraceae* Vittad.]**

albus (Klotzsch) Berk. & Broome [sub: *H. klotzschii* Tul.] (42)

Md (147)

arenarius Tul. (42)

Md (147)

citrinus Vittad. (42)
Md (147)

muticus Berk. & Broome [sub: *H. muticus* Berk.] (42)
A (147)

Rhizopogon Fr. [*Rhizopogonaceae* Gäumann & Dodge]

luteolus Fr. (42)
Et (13)

roseolus (Corda in Sturm) Th. Fr. [sub: *R. rubescens* Tul.] (42)
Pa (45)

Sclerogaster Hesse [*Octavianinaceae* Locquin ex Pegler & Young]

lanatus Hesse (42)
Md (147)

HYSTERANGIALES

Hysterangium Vittad. [*Hysterangiaceae* E. Fischer]

cistophilum (Tul.) Zeller & Dodge [sub: *H. cistophilum* Tul., *H. siculum* Mattiolo]
(42)
Pa (45) Sc (147)

MELANOASTRALES

Melanogaster Corda [*Melanogasteraceae* E. Fischer]

ambiguus (Vittad.) Tul. [sub: *M. ambiguus* Tul.] (42)
P (126)

variegatus (Vittad.) Tul. [sub: *M. variegatus* Vittad.] (42)
Ca (+) T (48)

Urediniomycetes

UREDINALES

Cerotelium Arthur [*Pucciniaceae* Chev.]

fici (Butler) Arthur [sub: *Gloeosporium beniaminae* Scalia, *Uredo fici* Cast.] (17g)
on: leaves of *Ficus beniamina* L., *Ficus carica* L.
A (244) C (212, 213, 214, 220, 222, 244) Et (214)

Coleosporium* Lév. [Coleosporiaceae Dietel]**senecionis* (Pers.) Fr. (37)**on: leaves of *Senecio vulgaris* L.

C (212, 213, 244) Et (216) M (248)

***sonchi* (Strauss) Lév. ex Tul. [sub: *C. inulae* (Kunze) E Fischer, °*C. sonchi* Pers., °*C. sonchi-arvensis*] (1)**on: *Dittrichia viscosa* (L.) Greuter, **Sonchus arvensis* L. s. s.

C (212, 214, 244) Et (214) M (214, 248)

Gymnosporangium* R. Hedwig ex DC. [Pucciniaceae Chev.]**clavariaeforme* (Pers.) DC. [sub: °*G. clavariaeforme* (Jacq.) DC., °*G. clavariaeforme* (Jacq.) Rees] (31)**on: *Crataegus azarolus* L.

Et (214) C (244)

Melampsora* Castagne [Melampsoraceae Dietel]**gelmii* Bres. (26)**on: *Euphorbia characias* L., *E. dendroides* L.

C (27, 244)

***helioscopiae* G. Winter [sub: *M. helioscopiae* (Pers.) Cast., *M. helioscopiae* (Pers.) G. Winter] (26)**on: *Euphorbia bivonae* Steudel, *E. characias* L., **E. cyparissias* L., *E. helioscopia* L., **E. palustris* L., *E. peplus* L., *Euphorbia* sp.

A (244) C (212, 213, 214, 244)

***hypericorum* G. Winter [sub: °*M. hypericorum* (DC.) J. Schröter] (31)**on: *Hypericum tetrapterum* Fr., *Hypericum* sp.

C (214) Ca (214)

***lini* (Ehrenb.) Desmaz. [sub: *M. lini* (Pers.) Cast., °*M. lini* (DC.) Tul.] (2)**on: *Linum usitatissimum* L.

C (212, 213, 214, 244)

? *pistaciae* Cast. (79)

on: pistachio.

A (225) C (225) Cl (225) E (225)

? *populina* (Jacq.) Lév. [sub: *Caeoma mercurialis* Pass. & Beltr., *Melampsora populina* Tul. b. *populi albae*, *Uredo caeoma mercurialis* (Martius) Link] (60)on: *Calystegia sepium* (L.) R. Br., *Mercurialis annua* L., *Populus alba* L., *P. nigra* L.

A (167) C (212, 214) Et (214) M (214, 248) P (214) S (214)

***ricini* Pass. ex Noronha [sub: *Caeoma ricini* Rud., *Melampsorella ricini* (Biv.-Bern.) de Toni, *Uredo ricini* Biv.-Bern.] (40l)**on: leaves of *Ricinus communis* L.

A (244) C (212, 213, 214, 244) Et (213, 214, 234) M (214, 248) P (151) S (214) Sc (15)

Melampsoridium Kleb. [*Melampsoraceae* Dietel]

betulinum (Pers.) Kleb. [sub: *Melampsora betulina* (Pers.) Tul.] (1)
on: *Betula aetnensis* Rafin.
C (244) Et (214)

Phragmidium Link [*Phragmidiaceae* Corda]

bulbosum (Strauss) Schlechtend. [sub: *P. rubi* (Pers.) G. Winter] (17e)
on: leaves of **Rubus fruticosus* L.
C (212, 213) Et (216)

rosae-pimpinellifoliae Dietel [sub: *P. subcorticium* (Schrank) G. Winter] (31)
on: *Rosa canina* L., *R. sempervirens* L., *Rosa* sp.
C (213, 214, 244) Et (212, 214) M (67) P (151) Sc (23)

rubi-idaei (DC.) P. Karsten (26)
on: *Rubus* sp.
C (212, 213)

sanguisorbae (DC.) J. Schröter (31)
on: *Sanguisorba minor* Scop.
C (216, 244)

violaceum (Schulz) G. Winter (2)
on: **Rubus fruticosus* L.
C (212, 216, 244)

Puccinia Pers. [*Pucciniaceae* Chev.]

acetosae Konrad [sub: *P. acetosae* (Schumacher) Konrad] (31)
on: leaves of *Rumex acetosa* L.
C (214, 244) S (214)

allii Rud. [sub: *P. allii* (DC.) Rud.] (2)
on: *Allium sativum* L., *Allium* sp.
C (213, 244) Et (212)

annularis (Strauss) Röhl. [sub: *P. teucrii* Biv.-Bern.] (26)
on: leaves of *Teucrium fruticans* L.
A (244) C (216) Et (234) P (151) S (216) Sc (15)

arenariae (Schumacher) G. Winter [sub: *P. arenariae* (Schumacher) J. Schröter] (2)
on: leaves and stems of *Cerastium tomentosum* L.
Et (214, 244)

asparagi DC. (2)

on: *Asparagus officinalis* L.
C (214, 244)

asphodeli (DC.) Moug. [sub: *P. asphodeli* Moug., °*P. asphodeli* Duby] (26)
on: leaves of *Asphodelus fistulosus* L., *A. microcarpus* Salzm. & Viv.
C (212, 213, 214) Et (214)

? ***balsamitae*** (Strauss) Rabenh. (60)
on: leaves of *Balsamita major* Desf.
C (214)

bulbocastani Fuckel [sub: *Aecidium bunii* Biv.-Bern.] (31)
on: *Smyrniolum olusatrum* L.
P (151) Sc (16)

bupleuri Rud. [sub: *P. bupleuri* (Opiz) Rud.] (31)
on: *Bupleurum baldense* Turra, *B. lancifolium* Hornem.
C (213, 216) P (244) S (212, 216, 244)

buxi DC. (2)
on: *Buxus sempervirens* L.
Et (212, 216, 244)

? ***cerasi*** (Bèrèng.) Cast. (60)
on: *Prunus persica* (L.) Batsch
C (244) Et (216)

cesatii J. Schröter (31)
on: leaves of *Bothriochloa ischaemon* (L.) Keng.
C (214, 244)

chrysanthemi Roze (31)
on: leaves of *Chrysanthemum indicum* L.
C (217, 244)

cirsii Lasch (1)
on: *Cirsium* sp.
C (244)

cnici-oleracei Pers. ex Desmaz. [sub: *P. asteris* Duby, *P. verruca* Thümen] (21)
on: *Centaurea napifolia* L., leaves of *Cirsium* sp.
C (212, 213, 216) Sc (244)

convolvuli Cast. [sub: *P. convolvuli* (Pers.) Cast., *P. convolvuli* Biv.-Bern.] (31)
on: leaves of *Calystegia sepium* (L.) R. Br., leaves of *Convolvulus arvensis* L., *C. sepium* (L.) R. Br.
C (212, 213, 214, 244) Et (214) P (151) Sc (15)

coronata Corda (20)
on: leaves of *Avena sativa* L., *A. sterilis* L., *Rhamnus alaternus* L., *Typhoides*

arundinacea (L.) Moench.

C (212, 213, 216) Et (214, 216) P (244)

? *crepidis* J. Schröter (60)

on: leaves of *Crepis bursifolia* L.

C (214) S (214)

! *cressae* (DC.) Lagerh. [sub: *Aecidium cressae* DC.] (1)

Aecia: *Aecidium cressae* DC.

on: *Cressa cretica* L.

C (216, 244) S (216, 244)

cynodontis Lacroix ex Desmaz. [sub: *P. cynodontis* Desmaz.] (20)

on: *Cynodon dactylon* (L.) Pers.

C (214, 244)

eryngii DC. (26)

on: *Eryngium campestre* L.

C (244)

? *ferulae* Rud. [sub: *Aecidium ferulae* Rouss. & Durieu] (60)

Aecia: *Aecidium ferulae* Rouss. & Durieu

on: *Ferula communis* L.

C (244) Et (216)

gladioli Cast. (2)

Aecia: *Aecidium valerianellae* Biv.-Bern.

on: *Centranthus ruber* DC., *Fedia cornucopiae* (L.) Gaertner, *Gladiolus italicus* Miller.,

Valerianella eriocarpa Desv., *V. locusta* (L.) Laterrade

A (244) C (212, 213, 214, 244) Et (214) P (151) S (214) Sc (16)

var. *macrospora* Scalia (2)

on: *Gladiolus italicus* Miller

C (212)

graminis Pers. (21)

on: *Berberis aetnensis* C. Presl., *Bromus* sp., *Secale* sp., *Triticum* sp., wheat.

A(165) C (244) Et (212, 213, 214) Sc (23)

hieracii (Rochl.) Mart. [sub: *P. endiviae* Pass., °*P. hieracii* (Schumacher) Mart., *P. scolymi* Sydow] (1, 21)

on: *Carlina vulgaris* L., *Carlina* sp., *Carduus* sp., *Cichorium endivia* L., *Scolymus grandiflorus* Desf.

C (212, 213, 244) S (214)

hariana P. Henn (2)

on: *Chrysanthemum*.

Sc (116)

hydrocotyles Cooke [sub: *P. hydrocotyles* (Link) Cooke] (31)

on: *Hydrocotyle ranunculoides* L. fil.
S (244)

longipes Lagerh. var. **longipes** [sub: *P. bullata* (Pers.) J. Schröter] (21)
on: stems of undetermined *Umbelliferae*.
C (216) Et (212, 213, 216)

malvacearum Mont. (2)
on: *Althaea officinalis* L., *Lavatera trimestris* L., *Malva nicaeensis* All., *M. pusilla* Sm., *Malva sylvestris* L.
C (212, 214, 244) M (67, 248) S (213) Sc (244)

menthae Pers. (2)
on: *Mentha aquatica* L., **M. longifolia* (L.) Hudson, **Nepeta nepetella* L., *Nepeta* sp.
C (213, 214, 244) Ca (214) Et (212)

? **opopanacis** Ces. (60)
on: leaves of *Opopanax chironium* (L.) Koch
C (212, 216) Sc (244)

? **phlomidis** Thümen [sub: *Aecidium phlomidis* Thümen] (60)
on: leaves of *Phlomis fruticosa* L.
S (216)

phragmitis (Schumacher) Koern. (20)
on: *Arundo donax* L., *Emex spinosa* (L.) Campd., *Phragmites australis* (Cavara) Trin.,
Rumex hydrolapathum Hudson, *Rumex* sp.
C (212, 213, 244) S (214)

pimpinellae (Strauss) Röhl. [sub: *Aecidium thapsiae garganicae* Casu, *P. pimpinellae* (Strauss) Link, *P. pimpinellae* (Strauss) Mart., *P. pimpinellae* fo. *eryngii* DC.] (31)
on: *Eryngium campestre* L., *Pimpinella peregrina* L., *P. tragium* Vill., *Thapsia garganica* L.
A (244) C (214, 216) Et (212, 213, 216)

poarum Niels (20)
on: leaves of *Poa bulbosa* L.
Et (214)

porri (Sow.) G. Winter (2)
on: *Allium cepa* L., *A. porrum* L., *A. sativum* L.
C (212, 216, 244)

? **prenanthis** (Pers.) Fuckel (60)
on: leaves of *Lactuca sativa* L., *L. serriola* L.
C (212, 214) Et (214)

purpurea Cooke (20)
on: *Sorghum halepense* (L.) Pers.

P (244)

recondita Roberge ex Desmaz. [sub: *Aecidium clematidis* DC., *Puccinia agropyri* Ellis & Everh., *P. rubigo-vera* (DC.) G. Winter, *P. triticina* Eriksson] (3, 20)

Aecia: *Aecidium clematidis* DC.

on: *Anchusa* sp., *Cerinthe major* L., *Clematis flammula* L., *C. vitalba* L., *Triticum durum* Desf.

C (212, 213, 214, 244) Et (213, 214) M (214) Sc (23)

? **scaliana** Sydow (60)

on: leaves of *Crepis bursifolia* L.

C (216, 244)

? **sedi** Koern. (60)

on: leaves of *Sedum dasyphyllum* L.

Et (216, 244)

sessilis W. G. Scheneider (20)

on: *Phalaris* sp., *Typhoides arundinacea* (L.) Moench

C (216, 244) Et (212)

? **silenes** J. Schröter (60)

on: leaves of *Silene vulgaris* (Moench) Garcke

C (212, 244)

smyrnii Biv.-Bern. [sub: *P. angelicae* (Schumacher) Fuckel] (31)

on: *Archangelica officinalis* Hoffm., *Smyrniun perfoliatum* L.

C (214) Et (214) P (151, 244) Sc (16, 244)

? **sonchi** Roberge & Desmaz. (60)

on: leaves of **Sonchus arvensis* L. s.s.

C (212, 244)

sorghi Schwein. (20)

on: *Zea mays* L.)

C (244) Et (212, 216) Et (213)

striiformis Westend. [sub: *P. glumarum* Schumacher, *P. glumarum* (Schumacher) Erikss. & Heinm.] (26)

on: *Rostraria phleoides* (Desf.) Holub, *Triticum durum* Desf.

P (244) Sc (23)

tanaceti DC. [sub: *P. absinthi* DC., *P. tanaceti* (DC.) Fuckel] (21)

on: *Artemisia alba* Turra, *Tanacetum vulgare* L.

C (212, 216, 217, 244) Et (216, 217)

? **ulmi** Biv.-Bern. (79)

on: leaves of *Ulmus minor* Miller

P (151) Sc (15)

? urospermi Thümen (60)

on: leaves of *Urospermum dalechampii* (L.) Schmidt, *U. picroides* (L.) Schmidt
A (244) C (212)

violae DC. [sub: *P. violae* (Schumacher) DC.] (2)

on: *Viola odorata* L.

Ca (214)

Tranzschelia Arthur [*Pucciniaceae* Chev.]**discolor** (Fuckel) Tranz. & Litv. [sub: °*T. pruni-spinosae* (Pers.) Dietel fo. *discolor* Dunegan] (31)

on: almond-tree.

Sc (59)

pruni-spinosae (Pers.) Dietel [sub: *Aecidium punctatum* Pers., *Puccinia pruni* Pers., °*P. pruni* β *glabra*] (1, 31)

Aecia: *Aecidium punctatum* Pers.

on: *Anemone coronaria* L., *A. hortensis* L., *Prunus armeniaca* L., *P. domestica* L., *P. dulcis* (Miller) D.A. Webb, *P. persica* (L.) Batsch

C (212, 213, 214, 244) Et (214, 234) M (214) P (146) S (214) Sc (15)

thalictri (Chev.) Dietel [sub: *P. thalictri* Chev.] (1)

on: **Thalictrum aquilegiifolium* L.

P (146)

Uromyces (Link) Unger [*Pucciniaceae* Chev.]**anthyllidis** (Grev.) J. Schröter (35)

on: leaves of *Anthyllis tetraphylla* L., *A. vulneraria* L., *Hymenocarpos circinnatus* (L.) Savi, *Lotus edulis* L., *L. ornithopodioides* L., *Lotus* sp.

C (244) P (214) S (214)

appendiculatus (Pers.: Pers.) Unger [sub: *U. appendiculatus* (Pers.) Link] (21)

on: *Dolichos* sp., *Phaseolus vulgaris* L., *Vigna* sp.

C (214, 244) Et (212, 213) M (214, 248) Sc (244)

behenis (DC.) Unger (31)

on: *Silene vulgaris* (Moench) Garcke

C (212, 213, 214, 244) Ca (214) Et (214) S (214)

betae Kickx [sub: °*U. betae* (Pers.) Kühner] (31)

on: *Beta vulgaris* L.

C (212, 213, 214, 244)

chenopodi (Duby) J. Schröter [sub: *U. giganteus* Speg.] (31)

on: *Suaeda maritima* (L.) Dumort.

Sc (244)

ciceris-arietini Jacz. [sub: *U. ciceris-arietini* (Grog.) Jacz. & Boy.] (21)

on: *Cicer arietinum* L.
C (212, 244) Et (216)

var. aetnensis Scalia (21)
on: *Cicer arietinum* L.
C (212) Et (212)

dactylidis Oth. (20)
on: *Ranunculus ficaria* L., *R. velutinus* Ten.
C (214) Et (214)

fabae (Pers.) de Bary [sub: *U. fabae* (Pers.) de Bary, °*U. fabae* Pass.] (37)
on: bean, lentil, *Lathyrus* sp.
C (244) Sc (23, 213) T (205)

genistae-tinctoriae (Pers.) G. Winter [sub: *U. anagyridis* Roum., *U. genistae-tinctoriae* (Pers.) Fuckel] (35)
on: leaves of *Anagyris foetida* L.
C (244) Et (214)

glycirrhae Magnus [sub: *U. glycirrhae* (Rabenh.) Magnus] (21)
on: *Glycyrrhiza glabra* L.
C (185, 214, 244)

graminis (Niessl) Dietel (20)
on: *Ferula communis* L., carrot.
C (244) Et (214) R (44)

limonii (DC.) Berk. [sub: *U. limonii* (DC.) Lév.] (31)
on: *Limonium narbonense* Miller, *Limonium* sp.
C (212, 213, 214, 244) Et (214)

lupini Berk. & M. A. Curtis [sub: *U. astragali* (Opiz) Sacc. var. *lupini* (Berk. & M. A. Curtis) Sacc., *U. lupini* Sacc.] (21)
on: *Lupinus albus* L.
C (151, 212, 213) M (214)

muscaria (Duby) Lév. [sub: *U. scillarum* (Grev.) G. Winter] (35)
on: *Leopoldia comosa* (L.) Parl.
C (214, 244) Et (212, 213, 217)

onobrychidis (Desmaz.) Lév. (26)
on: *Onobrychis* sp.
C (244)

pisi (Pers.) G. Winter [sub: *U. pisi* (Pers.) de Bary] (35)
on: *Euphorbia terracina* L., *Euphorbia* sp., *Lathyrus clymenum* L., *Lathyrus* sp.,
Pisum sativum L.
C (212, 213, 244) Et (214) Pe (233)

proeminens (DC.) Lév. [sub: *U. proeminens* (Duby) Lév.] (35)
 on: *Euphorbia chamaesyce* L.
 C (217, 244)

punctatus J. Schröter [sub: *U. astragali* (Opiz) Sacc., *U. astragali glycyphylli* (Opiz) Sacc.] (35)
 on: leaves of *Astragalus siculus* Biv.-Bern., *Onobrychis* sp.
 Et (212, 214, 244)

rumicis (Schumacher) G. Winter (31)
 on: *Rumex acetosa* L., *R. conglomeratus* Murray, *Rumex* sp.
 C (214, 244) M (214, 248)

striatus J. Schröter (21)
 on: *Lotus edulis* L., *L. ornithopodioides* L., *Lotus* sp.
 Et (212, 213) M (214) T (214)

? *terebinthi* (DC.) G. Winter (60)
 on: leaves of *Pistacia terebinthus* L.
 C (244) Et (212, 213, 214) P (146, 244)

trifolii (R. Hedwig ex DC.) Fuckel [sub: *U. trifolii* (R. Hedwig) Lév] (21)
 on: *Trifolium pratense* L., *Trifolium* sp.
 C (212, 244) Et (213) R (214)

viciae-fabae J. Schröter (21)
 on: *Lathyrus* sp., *Pisum sativum* L. var. *arvense* (L.) Gams, *Vicia faba* L.
 C (212, 214) M (214, 248) P (151)

Zaghouania Pat. [*Zaghouaniaceae* Sydow & P. Sydow]

? *phillyreae* DC. [sub: *Aecidium phillyreae* DC.] (60)
 on: leaves and branches of *Phillyrea latifolia* L.
 P (214, 244)

Ustilaginomycetes

USTILAGINALES

Entyloma de Bary [*Tilletiaceae* J. Schröter]

calendulae (Oudem.) de Bary (73)
 on: *Calendula arvensis* L.
 C (214)

fergussonii (Berk. & Broome) Plowr. [sub: *Entyloma canescens* J. Schröter] (73)
 on: **Myosotis scorpioides* L.

Et (217)

serotinum J. Schröter (73)

on: leaves of *Borago officinalis* L., *Symphytum tuberosum* L.

C (216) Et (217)

Graphiola Poit. [*Graphiolaceae* Clements & Shear]

phoenicis (Mong.) Poit. (73)

on: leaves of *Chamaerops humilis* L., *Phoenix dactylifera* L.

C (6, 212, 213) Et (212) M (248)

Sphaecelotheca de Bary [*Ustilaginaceae* Tul. & C. Tul.]

schweinfurthiana (Thümen) Sacc. (26)

on: glumes of *Imperata cylindrica* (L.) Pal. Beauv.

P (146)

Sporisorium Ehrenb. ex Link [*Ustilaginaceae* Tul. & C. Tul.]

andropogonis (Opiz) Vanky [sub: *Ustilago ischaemi* Fuckel] (73)

on: spikes of *Andropogon distachyus* L.

C (214)

sorghii Ehrenb. ex Link [sub: *Sphaecelotheca sorghi* (Link) Clint.] (73)

on: glumes of *Sorghum halepense* (L.) Pers.

P (146)

Tilletia Tul. & C. Tul. [*Tilletiaceae* J. Schröter]

caries (DC.) Tul. & C. Tul. [sub: *T. caries* Tul., *T. tritici* (Bjerk.) G. Winter] (73)

on: ovaries of *Triticum durum* Desf.

C (214) E (119) M (119, 248) S (119) Sc (23) T (119)

intermedia (Gassner) Savulescu (77)

on: *Triticum durum* Desf.

E (119) M (119) S (119) T (119)

laevis Kühner (73)

on: ovaries of *Triticum durum* Desf.

C (212, 213, 216) E (119) M (119) S (119) T (119)

triticoidea Savulescu (77)

on: *Triticum durum* Desf.

E (119) M (119) S (119) T (119)

Urocystis Rabenh. [*Tilletiaceae* J. Schröter]

anemones (Pers.: Pers.) G. Winter [sub: *U. anemones* (Pers.) J. Schröter] (73)

on: leaves of *Anemone coronaria* L.

C (212, 213, 214)

magica Pass. [sub: °*U. cepulae* Farb.] (73)

on: bulbs of *Allium cepa* L.

M (248)

occulta (Wallr.) Rabenh. (73)

on: leaves and culms of *Secale cereale* L., *Triticum durum* Desf.

Et (212, 213, 214) C (214)

Ustilago (Pers.) Roussel [*Ustilaginaceae* Tul. & C. Tul.]

avenae (Pers.) Rostrup [sub: *U. avenae* (Pers.) Jensen] (73)

on: ovaries of *Avena sativa* L., *A. sterilis* L.

C (212) R (214) Sc (213)

bullata Berk. [sub: *U. bromivora* E. Fischer, *U. bromivora* (Tul.) E. Fischer] (73)

on: ovaries of *Bromus madritensis* L., *B. tectorum* L., inflorescences of *Bromus* sp.

C (214) Et (212, 213) P (146)

hordei (Pers.) Lagerh. [sub: *U. hordei* (Pers.) Kell. & Sow.] (73)

on: ovaries of *Hordeum distichum* L., *H. vulgare* L.

C (216) Et (212, 213)

maydis (DC.) Corda [sub: °*U. maydis*] (73)

on: *Euchlaena mexicana* Schrader, *Zea mays* L.

C (214) Et (212, 213) M (248) Sc (23)

segetum (Bull.) Roussel [sub: *Uredo segetum* Pers., *Ustilago carbo* Tul.] (47)

on: inflorescences of *Triticum durum* Desf.

C (151) M (248)

tragopogonis-pratensis (Pers.) Roussel [sub: *U. tragopogi* (Pers.) J. Schröter] (73)

on: capitula of *Chrysanthemum* sp.

Et (214)

tritici (Pers.) Rostrup [sub: *Ustilago nuda* (Jensen) Kell. & Swingle, *U. tritici* (Pers.) Jensen] (73)

on: *Triticum durum* Desf.

C (212, 213, 216) Et (216) Sc (23)

vaillantii Tul. & C. Tul. [sub: *U. vaillantii* Tul.] (73)

on: anthers of *Leopoldia comosa* (L.) Parl.

S (214)

violacea (Pers.: Pers.) Roussel [sub: *U. violacea* (Pers.) Fuckel, *U. violacea* Pers.ex Pers.] (73)

on: *Saponaria officinalis* L., *Silene vulgaris* (Moench) Garcke

C (212, 213) Et (214)

DEUTEROMYCOTINA

*Hyphomycetes**Acremonium* Link

potronii Vuill. (44)

on: soil.

C (133)

Acrostalagmus Corda

? *cinnabarinus* Corda [sub: *A. cinnabarinus* (Fr.) Corda] (60)

on: putrid small branches.

C (217) Sc (85)

Aegerita Pers.

? *parasitica* Biv.-Bern. (79)

on: *Smyrniolum olusatrum* L.

P (151) Sc (16)

Alternaria Nees [Alternariaceae (Lindau) Nannizzi]

alternata (Fr.: Fr.) Keissler [sub: *A. tenuis* Nees] (29)

on: *Citrus aurantium* L., *C. limon* (L.) Burm., *Corynocarpus laevigata* Forst.,
fumeroles, *Lagenaria siceraria* (Molina) Standley, *Lagurus ovatus* L., *Magnolia*
grandiflora L., pistachio, sand, soil.

A (225) C (133, 212, 213, 214, 225) Cl (225) E (225) M (239) Pa (86) Sc (85)

brassicae (Berk.) Sacc. [sub: *Sporidesmium exitiosus* Kühner] (29, 76)

on: *Brassica oleracea* L., cauliflower, leaves of *Brassica rapa* L..

C (212, 213, 216) Et (212, 216) Sc (23, 85)

dianthi Stevens & Hall (31)

on: carnation.

Sc (23)

solani Sorauer (31)

on: tomato plant.

Sc (23)

vitis Cavares (41)

on: grape bunches.

C (212, 213) Et (216) R (216) Sc (85)

Arthrimum Kunze [Arthriniaceae (Sacc.) Nannizzi]

phaeospermum (Corda) M. B. Ellis [sub: *Coniosporium phaeospermum* (Corda)

Sacc., *Melanconium sphaerospermum* (Pers.) Link] (28)

on: dried branches of *Citrus aurantium* L., leaves of *Phragmites australis* (Cavara) Trin.
C (212) Sc (85)

***Aspergillus* P. Micheli ex Link [*Aspergillaceae* Link]**

***alutaceus* Berk. & M. A. Curtis [sub: *A. ochraceus* Wilhelm] (63)**

on: soil.

S (133)

***awamori* Nakazawa (63)**

on: fumaroles.

Pa (86)

***candidus* Link [sub: *Aspergillus candidus* (Pers.) Link, *Monilia candida* Pers.] (17u)**

on: *Lycopersicon esculentum* Miller

Sc (85)

***flavus* Link (63)**

on: *Citrus limon* (L.) Burm., leaves of *Vitis vinifera* L., putrid leaves of some plants.

C (204, 212, 213, 216) M (3) Sc (85)

***fresenii* Subram. [sub: °*Aspergillus sulphureus* (Fres) Thom & Church] (63)**

on: soil.

S (133)

***fumigatus* Fresen. (63)**

on: soil.

Pa (86) S (133)

***giganteus* Wehmer [sub: °*A. giganteus*] (63)**

on: *Citrus limon* (L.) Burm.

M (3)

***lucknowensis* Rai et al. [sub: °*A. lucknowensis*] (62)**

on: *Citrus limon* (L.) Burm.

M (3)

***niger* van Tieghem [sub: °*Aspergillus niger*, *Sterigmatocystis nigra* van Tieghem] (63)**

on: fumaroles, putrescent grape-stones, sand, soil.

C (133) Et (214) M (240) Pa (86)

***phoenicis* (Corda) Thom [sub: °*A. phoenicis*] (63)**

on: *Citrus limon* (L.) Burm.

M (3)

? *stercoreus* Sacc. (58a)

on: equine dung.

C (214)

***ustus* (Bain.) Thom & Church (63)**

on: fumaroles, soil, *Vitis vinifera* L.

C (133) Pa (86) S (133)

versicolor (Vuill.) Tiraboschi [sub: °*A. versicolor*] (63)

on: *Citrus limon* (L.) Burm., soil.

M (3) S (133)

***Aureobasidium* Viala & Boyer [Aureobasidiaceae Cif.]**

pullulans (de Bary) G. Arnaud [sub: °*Pullularia pullulans*] (29)

on: *Citrus limon* (L.) Burm.

M (3)

***Beltrania* Penzig [Beltraniaceae (Sacc.) Nannizzi]**

rhombica Penzig (29)

on: *Citrus limon* (L.) Burm.

A (151, 152, 169, 170) P (85)

***Cercospora* Fresen. [Cercosporaceae Nannizzi]**

apii Fresen. (57)

on: leaves of *Apium graveolens* L.

C (216) Et (216) Sc (85)

var. petroselini Sacc. (57)

on: leaves of *Petroselinum sativum* Hoffm.

C (212, 216) Et (216)

beticola Sacc. (57)

on: leaves of *Beta vulgaris* L.

C (212, 213, 217) Sc (85)

bolleana (Thümen) Speg. (57)

on: leaves of *Ficus carica* L.

C (212, 216) Et (216) Sc (85)

capparidis Sacc. (57)

on: leaves of *Capparis spinosa* L.

C (216) Sc (85)

cerasella Sacc. [sub: *C. circumscissa* Sacc.] (57)

on: leaves of *Prunus cerasus* L., *Prunus dulcis* (Miller) D.A. Webb.

C (212) Et (59, 216) Sc (59, 85)

cheiranthi Sacc. (57)

on: leaves of *Erysimum cheiri* (L.) Crantz

C (216) Et (216) Sc (85)

cladosporioides Sacc. (57)

on: *Olea europaea* L.
P (82) Md (82) Sc (98) T (82)

depazeoides (Desmaz.) Sacc. (57)
on: leaves of *Sambucus nigra* L.
C (214) Ca (214) Et (214) Sc (85)

fraxini (DC.: Fr.) Sacc. [sub: *Sphaeria echinus* Biv.-Bern.] (57)
on: leaves of **Fraxinus excelsior* L.
Et (234) P (151) Sc (15, 85)

heliotropii-bocconii Scalia (57)
on: leaves of *Heliotropium bocconei* Guss.
C (85, 217, 219) Et (217, 219)

mercurialis Pass. (57)
on: leaves of *Mercurialis annua* L.
C (216) Et (216) Sc (85)

resedae Fuckel (57)
on: leaves of *Reseda alba* L., *R. lutea* L.
C (212, 213, 216) Et (216) Sc (85)

rubi Sacc. (57)
on: **Rubus fruticosus* L.
Et (216) S (216) Sc (85)

saccardiana Scalia (57)
on: leaves of *Myrtus communis* L.
C (85, 216)

smilacina Sacc. (57)
on: leaves of *Smilax aspera* L.
C (212) Et (214) Ca (214) S (236) Sc (85)

ticinensis Cavara [sub: *C. ticinensis* (Cavara) Ferraris] (57)
on: leaves of *Sambucus nigra* L.
C (216) Sc (85)

violae Sacc. (57)
on: leaves of *Viola odorata* L.
C (216) Sc (85)

***Chrysosporium* Corda**

asperatum Carmichael [sub: °*C. asperatum*] (24)
on: sand, volcanic soil.
Et (38) M (239)

evolceanui (Randhawa & Sandhu) Garg. [sub: °*C. evolceanui*] (24)

on: sand, volcanic soil.
Et (38) M (240)

keratinophilum (Frey) Carmichael [sub: °C. *keratinophilum*] (24)
on: sand, volcanic soil.
Et (38) M (239)

pannorum (Link) Hughes (24)
on: volcanic soil.
Et (38)

pruinsum (Gilman & Abbott) Carmichael (24)
on: volcanic soil.
Et (38)

tropicum Carmichael [sub: °C. *tropicum*] (24)
on: sand, volcanic soil.
Et (38) M (239)

Cladosporium Link

? **arthrinoides** Thümen & Beltr. (60)
on: leaves of *Bougainvillea spectabilis* Willd.
C (216) P (80, 85, 212)

cladosporioides (Fresen.) de Vries (29)
on: fumaroles, soil.
C (133, 213) Pa (86)

? **erobotryae** Pass. & Beltr. (60)
on: leaves of *Eriobotrya japonica* (Thunb.) Lindley
P (167) Sc (85)

? **gracile** Corda (60)
on: *Quercus ilex* L.
Et (214) Sc (85)

herbarum (Pers.) Link ex S. F. Gray [sub: *C. herbarum* (Pers.) Link] (29)
on: *Eriobotrya japonica* (Thunb.) Lindley, *Hordeum vulgare* L., *Magnolia grandiflora* L., *Triticum durum* Desf.
C (212, 213, 216) Et (216) Sc (85)

Coniothecium Corda [*Coniotheciaceae* (Lindau) Nannizzi]

? **phyllophylum** Desmaz. (60)
on: *Quercus* sp.
Et (216) S (216) Sc (85)

***Coremium* Link [*Coremiaceae* (Ferraris) Nannizzi]**

citrinum Pers. [= *Penicillium citrinum*] (66)
on: *Citrus limon* (L.) Burm.
M (3)

***Curvularia* Boedijn**

lunata (Wakker) Boedijn (29)
on: fumaroles.
Pa (86)

***Cylindrium* Bonorden**

elongatum Bonorden (31)
on: *Quercus* sp.
Et (217) Sc (85)

***Cylindrocarpon* Wollenweb.**

didymum (Hartig) Wollenweb. (24)
on: soil.
C (133)

***Dendrodochium* Bonorden**

? *microsorium* Sacc. (60)
on: wet culms of *Arundo donax* L.
C (216) Et (216) C (85)

rubellum Sacc. (44)
on: soil.
S (133)

***Dictyosporium* Corda**

toruloides (Corda) Guèguen [sub: *Speira toruloides* Corda] (29)
on: putrid fragments of wood.
C (212, 216) Et (216) Sc (85)

***Doratomyces* Corda**

stemonitis (Pers. ex Steudel) Morton & Smith [sub: *Stysanus stemonitis* (Pers.)
Corda] (24)
on: *Canna indica* L.
C (216) Sc (85)

***Engyodontium* de Hoog**

araneorum (Cavara) Gams [sub: *Sporotrichum araneorum* Cavara] (34)

on: dead spiders.
C (217) Sc (85)

***Epicoccum* Link [*Epicoccaceae* (Ferraris) Nannizzi]**

***neglectum* Desmaz. (171)**
on: putrescent leaves of *Arundo donax* L.
C (212, 216) Et (216) Sc (85)

***purpurascens* Ehrenb. (31)**
on: tobacco.
Sc (23)

***Fusarium* Link [*Fusariaceae* (Ferraris) Nannizzi]**

***avenaceum* (Corda: Fr.) Sacc. [sub: *F. viticolum* Thümen] (10)**
on: old stumps of *Vitis vinifera* L.
C (216) Et (212, 213, 216) Sc (85)

***concolor* Reinking (10)**
on: soil.
C (133)

***dimerum* Penzig (10)**
on: *Citrus medica* L., soil.
C (133) Sc (85)

***equiseti* (Corda) Sacc. (10)**
on: orange-tree, soil.
C (133, 138) M (138) S (138)

***heterosporum* Nees: Fr. [sub: *F. heterosporum* Nees, *F. reticulatum* Mont.] (10)**
on: epicarp of *Lagenaria siceraria* (Molina) Standley, glumes and fruits of *Secale cereale* L., wheat spikes.
C (212, 213, 214) Et (214)

***oxysporum* Schlechtend. [sub: *F. opuntiarum* Speg., *F. oxysporum* (Schlechtend.) Snyder & Hansen, *F. oxysporum* f. sp. *lycopersici* (Sacc.) Snyder & Hansen, *F. oxysporum* Schlechtend. f. sp. *opuntiarum* (Pettinari) Gordon] (10)**
on: basil, cladodes of *Opuntia ficus-indica* Miller, *Pinus laricio* Poiret, soil, tomato, vine.
C (101, 107, 133, 138, 176) M (138) Md (26) S (133, 138) Sc (23, 179) T (85)

var. *redolens* (Wollenweb.) Gordon (10)
on: soil.
C (133)

***roseum* Link (60)**
on: *Acer* sp., *Agave* sp.
Sc (85)

sambucinum Fuckel [sub: *F. sarcochroum* (Desmaz.) Sacc.] (10)
on: stems of putrescent leaves of *Citrus limetta* Risso, **Syringa vulgaris* L.
Et (217) Sc (85)

semitectum Berk. & Rav. [sub: *F. incarnatum* Desmaz.] (10)
on: stems and leaves of *Dianthus caryophyllus* L., soil.
C (133, 216) Et (212, 213, 216) Sc (85)

solani (Mart.) Sacc. (10)
on: *Citrus limom* (L.) Burm., *C. sinensis* (L.) Osbeck, *Solanum tuberosum* L., soil.
C (133, 138, 204) M (138) S (133, 138) Sc (23)

var. coeruleum (Sacc.) Booth (10)
on: soil.
C (133)

***Geotrichum* Link**

candidum Link [sub: *G. candidum* Link ex Pers.] (37)
on: fruits of orange-tree.
C (132)

***Graphium* Corda**

? **passerinii** Sacc. [sub: *G. subulatum* Pass. & Beltr.] (60)
on: *Rubus* sp.
P (85, 167)

? **subtile** Berl. (60)
on: putrescent small branches.
C (212, 216) Sc (85)

***Gyrocerus* Corda**

? **celtidis** Mont. & Ces. [sub: *Gyrocerus celtidis* (Biv.-Bern.) Mont. & Ces., *Monilia celtis* Biv.-Bern.] (60)
on: *Celtis australis* L.
Et (234) P (151) Sc (15, 85)

***Leptotrichum* Corda**

? **glaucum** Corda (60)
on: *Rhus coriaria* L.
P (129)

***Macrosporium* Fr. [*Macrosporiaceae* (Lindau) Nannizzi]**

commune Rabenh. (26)
on: *Lagurus ovatus* L., *Nicotiana tabacum* L., *Silene vulgaris* (Moench) Garcke
C (212, 213, 216) Sc (23, 85)

? *lagenariae* Thümen (60)

on: *Lagenaria siceraria* (Molina) Standley

C (214)

***Myrothecium* Tode**

cinctum (Corda) Sacc. (24)

on: soil.

S (133)

roridum Tode ex Steudel (29)

on: soil.

C (133) S (133) Sc (85)

verrucaria (Alb. & Schwein.) Ditm.: Fr. [sub: *M. verrucaria* (Alb. & Schwein.)
Ditm.] (29)

on: rotting fruits pulp of *Cucurbita* sp.

C (216) Sc (85)

***Oidium* Link [*Oidiaceae* Link]**

acutum Bonorden [sub: *Ovularia acutata* (Bonorden) Sacc.] (11a)

on: **Viola calcarata* L.

P (85)

ceratoniae Comes (11b)

on: unripe fruits of *Ceratonia siliqua* L.

Et (217) R (63, 64, 120) S (217) Sc (85)

crystallinum Lév. (11a)

on: leaves of *Sonchus olearaceus* L.

Et (212, 216) Sc (85)

erysiphoides Fr. (11a)

on: leaves of *Cucurbita pepo* L., *Euonymus japonicus* L., *Lycium europaeum* L.

C (212, 216) M (67)

tabaci Thümen (11a)

on: tobacco.

Sc (23)

***Paecilomyces* Bainier**

lilacinum (Thom) Samson [sub: *Penicillium lilacinum* Thom] (24)

on: *Citrus limon* (L.) Burm., sand, soil, volcanic soil.

Et (38) M (3, 239) S (133)

***Penicillium* Link**

aurantiogriseum Dierckx [sub: °*P. cyclopium*] (68)

on: *Citrus limon* (L.) Burm.

M (3)

brevicompactum Dierckx (68)

on: soil.

C (133)

capsulatum Raper & Fennell [sub: °*P. capsulatum*] (58)

on: *Citrus limon* (L.) Burm.

M (3)

charlesii Smith [sub: °*P. charlesii*] (58)

on: *Citrus limon* (L.) Burm.

M (3)

chrysogenum Thom (68)

on: soil.

S (133)

corylophilum Dierckx [sub: °*P. corylophilum*] (68)

on: *Citrus limon* (L.) Burm., soil.

C (133) M (3)

crustosum Thom (68)

on: cheese-rind.

Md (+)

cyaneum (Bain. & Sart.) Biourge [sub: °*P. cyaneum*] (68)

on: *Citrus limon* (L.) Burm.

M (3)

digitatum (Pers.: Fr.) Sacc. [sub: *P. digitatum* (Fr.) Sacc.] (68)

on: *Citrus limon* (L.) Burm., soil.

C (214) S (133)

diversum Raper & Thom [sub: °*P. diversum* Raper & Fennell] (68)

on: soil.

S (133)

expansum Link [sub: *Coremium glaucum* Link, *Penicillium candidum* Link, *P. glaucum* Link] (58, 68)

on: *Citrus limon* (L.) Burm., decomposed organic matter, *Paxillus involutus* (Batsch) Fr., *Pyrus communis* L., soil.

C (5, 216) Et (212, 213, 214) Md (153) S (133) Sc (157)

glabrum (Wehmer) Westling [sub: °*P. frequentans*] (68)

on: *Citrus limon* (L.) Burm.

M (3)

implicatum Biourge [sub: °*P. implicatum*] (58)

on: *Citrus limon* (L.) Burm.

M (3)

italicum Wehmer (68)

on: *Citrus aurantium* L., *C. deliciosa* Ten., *C. limon* (L.) Burm., soil.

C (133) S (133) Sc (85)

jensenii Zaleski (68)

on: soil.

S (133)

restrictum Gilman & Abbott (58)

on: fumaroles.

Pa (86)

verruculosum Peyronel (68)

on: fumaroles.

Pa (86)

viridicatum Westling [sub: °*P. viridicatum*] (58)

on: *Citrus limon* (L.) Burm.

M (3)

Pseudocercospora Speg.

neriella (Sacc.) Deighton [sub: *Cercospora neriella* Sacc.] (57)

on: leaves of *Nerium oleander* L.

C (216) Sc (85)

Ramularia Unger [*Ramulariaceae* (Sacc.) Nannizzi]

ajugae (Niessl) Sacc. (31)

on: leaves of **Ajuga pyramidalis* L.

C (217) Sc (85)

? *anchusae* Massal. (60)

on: leaves of **Anchusa officinalis* L.

C (216) Sc (85)

ari Fautr. (31)

on: leaves of *Arum italicum* Miller

C (214) Et (214) Sc (85)

centranthi Brun. (31)

on: leaves of *Centranthus ruber* (L.) DC.

C (214) Sc (85)

***cynarae* Sacc. (31)**

on: leaves of *Cynara cardunculus* L. subsp. *scolymus* (L.) Hayek
Et (212, 213, 216) Sc (85)

***lactea* (Desmaz.) Sacc. (31)**

on: leaves of *Viola odorata* L.
M (214)

***parietariae* Pass. (31)**

on: leaves of *Parietaria judaica* L., *P. officinalis* L.
Et (85, 212, 213, 214)

***pratensis* Sacc. (31)**

on: leaves of *Rumex acetosa* L.
Et (216) Sc (85)

Rhizoctonia* DC.*? *violacea* Tul. (60)**

on: roots of *Citrus* sp. pl.
P (151, 170) Sc (152)

Rhynchosporium* Heinsen ex Frank**secalis* (Oudem.) Davis (31)**

on: *Hordeum* sp.
C (65)

Riccoa* Cavara*? *aetnensis* Cavara (59)**

on: volcanic lapilli.
Et (51, 52, 85)

Sclerotium* Tode [Sclerotiaceae Dumort.]*? *lotorum* Biv.-Bern. (60)**

on: *Lotus edulis* L., *L. ornithopodioides* L., *Tetragonolobus purpureus* Moench
P (151) Sc (16)

? *medicaginum* Biv.-Bern. (60)

on: *Medicago orbicularis* (L.) Bortal.
P (151) Sc (16)

Scolecobasidium* Abbott**constrictum* Abbott (24)**

on: fumaroles.
Pa (86)

tshawytschae (Doty & Slater) McGinnis & Ajello [sub: *S. variabile* Barron & Busch] (24)

on: soil.

S (133)

***Scolicotrichum* Kunze**

? *fraxini* Pass. (60)

on: leaves of *Fraxinus ornus* L.

Md (217) Sc (85)

***Scopulariopsis* Bainier**

brevicaulis (Sacc.) Bainier [sub: *Penicillium coccophilum* Sacc.] (48)

on: *Ficus elastica* Roxb.

P (146)

brumptii Salvanet-Duval (58)

on: soil.

S (133)

croci v. Beyma (58)

on: soil.

S (133)

***Scytalidium* Pesante**

thermophilum (Cooney & Emerson) Austwick (32)

on: fumaroles.

Pa (86)

***Septocylindrium* Bonorden ex Sacc. [Septocylindriaceae (Sacc.) Nannizzi]**

urticae (Ces.) Subramanian [sub: *Ramularia urticae* Ces.] (40t)

on: leaves of *Urtica* sp.

C (212, 213, 216) Et (216) Sc (85)

? *virens* Sacc. (60)

on: putrid branches of *Vicia faba* L.

C (217) Sc (85)

***Spilocaea* Fr.**

oleaginea (Cast.) Hughes [sub: *Cycloconium oleaginum* Cast.] (2)

on: *Olea europaea* L.

C (212, 213, 214) M (4) Sc (85, 98, 201)

pyracanthae (Oth) v. Arx [sub: *Fusicladium dendriticum* fo. *eriobotryae japonicae*

Scalia, °*F. eriobotryae*, *Spilocaea eriobotryae* (Cavara) Hughes] (30)

on: leaves, branches and fruits of *Eriobotrya japonica* (Thunb.) Lindley

Et (215) P (206) Sc (23, 85, 200)

***Sporotrichum* Link [Sporotrichaceae Corda]**

? *laxum* Nees [sub: °*S. laxum* Link] (60)

on: *Ceratonia siliqua* L.

R (64, 120) Sc (85)

***Staphylotrichum* J. Meyer & Nicot**

coccosporum Meyer & Nicot (24)

on: soil.

S (133)

***Stigmina* Sacc.**

carpophila (Lév.) M. B. Ellis [sub: *Clasterosporium amygdalearum* (Pass.) Sacc., *C. carpophilum* Aderh., *C. carpophilum* (Lév.) Aderh., *Coryneum beijerinckii* Oudem.] (31, 70)

on: almond-tree., leaves of *Prunus dulcis* (Miller) D. A. Webb, *Quercus ilex* L.

Et (50, 59) S (214) Sc (23, 59) Sc (85)

platani (Fuckel) Sacc. [sub: *Puccinia platani* Biv.-Bern., *Stigmina visianica* (Sacc.) Sacc.] (27)

on: dead leaves of *Platanus orientalis* L., *Ulmus minor* Miller

S (216) Sc (15, 85)

***Thielaviopsis* Went**

basicola (Berk. & Broome) Ferraris (29)

on: *Citrus aurantium* L., *C. limon* (L.) Burm., soil.

C (138, 203) M (138) S (138)

***Torula* Pers. [Torulaceae Corda]**

terrestris Misra (32)

on: fumaroles.

Pa (86)

***Trichoderma* Pers. [Trichodermataceae Fr.]**

harzianum Rifai (24)

on: soil.

C (133)

koningii Oudem. (31)

on: *Citrus limon* (L.) Burm., fumaroles, soil.

C (133) M (3) Pa (86)

pseudokoningii Rifai (24)

on: fumaroles.
Pa (86)

saturnisporum Hamill (31)
on: fumaroles.
C (133)

Trichosporum Fr.

? *fici* Pass. & Beltr. (60)
on: leaves of *Ficus carica* L.
P (85, 167)

Trichothecium Link

? *domesticum* Fr. (60)
on: dried leaves of vine in Herbarium.
C (212)

roseum Link [sub: *T. roseum* (Pers.) Link] (31)
on: *Celtis australis* L., *Citrus aurantium* L. infected by *Meliola* sp., *Fragaria vesca* L.,
Hedysarum coronarium L., *Iris germanica* L., *Olea europaea* L., *Sambucus nigra*
L., spikes infected by *Ustilago* sp.
C (212) Et (216) R (41) S (216) Sc (85)

Tuberculina Tode ex Sacc.

persicina (Ditm.) Sacc. (31)
on: *Angelica sylvestris* L.
C (216) Et (216) Sc (85)

Verticillium Nees

albo-atrum Reinke & Berthier (17f)
on: *Capsicum annuum* L., *Lycopersicon esculentum* Miller, *Olea europaea* L.,
Solanum melongena L., *S. tuberosum* L.
Et (196) M (196)

chlamydosporium Goddard [sub: *Diheterospora chlamydosporia* (Goddard) Barron &
Onions] (24)
on: volcanic soil.
Et (38)

dahliae Kleb. [sub: *V. tracheiphilum* Curzi] (31)
on: artichoke, *Capsicum* sp., *Euphorbia pulcherrima* Willd. ex Klotzsch, *Gerbera* sp.,
Hebe xandersonii (Lindley & Paxton) Cockayne, *Peperomia obtusifolia* Dietr.
C (111) Cl (43) Sc (23, 104, 114, 118)

lecanii (Zimm.) Viégas [sub: *Cephalosporium lecanii* Zimm.] (65)
on: cochineals on lemon-trees, orange-tree.

M (172) R (139)

Volutella Fr. [*Volutellaceae* (Ferraris) Nannizzi]

ciliata (Alb. & Schwein.: Fr.) Fr. [sub: *V. ciliata* Alb. & Schwein.] (31)
on: soil.

C (133) S (133)

? *fusarioides* Penzig (60)
on: dead leaves of lemon and orange-tree.
P (151, 170) Sc (152)

Wallemia Johan-Olsen

sebi (Fr.) v. Arx [sub: *Bargellinia monospora* Borzi] (24)
on: man.
M (22)

Coelomycetes

Ampelomyces Ces. ex Schlechtend.

quisqualis Ces. ex Schlechtend. [sub: *Cicinnobolus cesatii* de Bary] (71)
on: *Oidium erysiphoides* Fr., leaves of *Cucurbita* sp.
C (212, 213) Et (216)

Aposphaeria Sacc.

? *fibrisequa* Sacc. [sub: *A. fibricola* Pass. & Beltr.] (60)
on: *Opuntia ficus-indica* Miller
A (167)

? *labens* Sacc. (60)
on: old pales of *Quercus* sp.
Et (217)

Ascochyta Lib.

? *bombycina* Penzig & Sacc. (60)
on: leaves of *Citrus limon* (L.) Burm.
Et (212, 216)

? *buxina* Sacc. (60)
on: leaves of *Buxus sempervirens* L.
C (216)

? *citri* Penzig (60)

on: leaves of *Citrus limon* (L.) Burm.
C (212, 216) Et (216)

? *cycadina* Scalia (60)
on: dried leaves of *Cycas revoluta* Thunb.
C (217)

? *hesperidearum* Penzig [sub: *A. hesperidearum* Catt.] (60)
on: leaves of lemon-tree.
A (151, 170)

? *magnoliae* Thümen (60)
on: leaves of *Magnolia grandiflora* L.
C (216)

? *malvicola* Sacc. (60)
on: leaves of *Malva sylvestris* L.
C (216)

? *nicotianae* Pass. (60)
on: tobacco.
Sc (23)

? *oleae* Scalia (60)
on: dried leaves of *Olea europaea* L.
C (216)

? *oleandri* Sacc. (60)
on: leaves of *Nerium oleander* L.
C (216) Et (212, 213, 216)

? *opuntiae* Scalia (60)
on: cladodes of *Opuntia ficus-indica* (L.) Miller
C (212)

? *papyricola* Tassi (60)
on: leaves of *Cyperus papyrus* L.
S (189, 236)

pisi Lib. (71)
on: legumes of *Cicer arietinum* L., *Lathyrus* sp., leaves and fruits of *Pisum sativum* L., *Vicia faba* L.
C (213, 214) Et (212) Sc (23)

? *semeles* Sacc. (60)
on: *Semele androgyna* Kunth
P (146)

Asteroma DC.

? *antholyzae* Sacc. (60)
on: leaves of *Antholyza aethiopica* L.
P (146)

? *ceramioides* Sacc. (60)
on: dead stems of *Smyrniolum olusatrum* L.
P (146)

coryli (Fuckel) Sutton [sub: *Cylindrothyrium coryli* (Fuckel) Ribaldi, *Leptothyrium coryli* Fuckel] (71)
on: *Corylus avellana* L.
Sc (89)

Asteromella Pass. & Thümen [Asteromellaceae Mel'nik]

? *bacillaris* Pass. & Beltr. (60)
on: leaves of *Morus nigra* L.
A (167)

hederae (Sacc. & Roum.) Petrak [sub: *Phyllosticta hederae* Sacc. & Roum.] (40k)
on: leaves of *Hedera helix* L.
C (212, 216)

? *quercifolii* C. Massalongo (60)
on: *Quercus ilex* L.
Et (50)

Botryodiplodia Sacc.

? *aterrima* Scalia (60)
on: putrescent small branches of *Ceratonia siliqua* L.
C (217, 219) Et (218) Sc (218)

pistaciae Dias & da Camara [sub: °*B. pistaciae* Crist.] (40h)
on: pistachio.
A (225) C (225) Cl (225) E (225)

? *sydowiana* Scalia (60)
on: *Olea europaea* L.
C (216) Et (216)

Camarosporium Schulzer

? *robiniae* (Westend.) Sacc. (60)
on: dried branches of *Robinia pseudoacacia* L.
C (216) Et (212, 216)

Chaetomella* Fuckel**atra* Fuckel (71)**on: leaf sheaths of *Arundo donax* L.

C (212, 214)

Coleophoma* Höhnelt**cylindrospora* (Desmaz.) Höhnelt [sub: *Macrophoma cylindrospora* (Desmaz.) Berl. & Vogl.] (71)**on: dry leaves of *Hedera helix* L.

C (212)

***oleae* (DC. ex Durieu & Mont.) Petrak & Sydow [sub: °*Diplodia oleae*, *Macrophoma oleae* (DC.) Berl. & Vogl., *Phoma oleae* Cavares, *P. oleae* (DC.) Sacc., *Plenodomus oleae* Cavares, *Septoria olivae* Pass. & Thümen] (71)**on: dry small branches and fruits of *Olea europaea* L.

C (212, 214) Et (212, 214, 216) Md (153)

Colletotrichum* Corda**capsici* (Sydow) Butler & Bisby [sub: *C. oligochaetum* Cavares] (71)**

on: pumpkin.

P (151)

***dematium* (Pers.: Fr.) Grove [sub: *Vermicularia dematium* (Pers.) Fr., *V. liliacearum* Westend.] (71)**on: *Angelica sylvestris* L., dead stems of *Hippeastrum equestre* Herb.

C (212, 214, 216, 217)

***graminicola* (Ces.) Wilson [sub: *Vermicularia graminum* Bacc.] (71)**

on: putrescent culms

C (212, 216)

***lindemuthianum* (Sacc. & Magnus) Briosi & Cavares (31)**on: legumes of *Phaseolus vulgaris* L.

Et (217)

? *montemartinii* Tognini (60)on: leaves of *Arum italicum* Miller

C (217)

***orbiculare* (Berk. & Mont.) v. Arx [sub: *Gloeosporium lagenarium* (Pass.) Sacc. & Roum.] (31)**on: epicarp of *Lagenaria siceraria* (Molina) Standley

C (214)

***trichellum* (Fr.: Fr.) Duke [sub: *Vermicularia trichella* Fr.] (71)**on: leaves of *Hedera helix* L.

C (212, 217)

vanillae Verplancke & Claessens [sub: °*C. vanillae* Scalia] (53)
 on: leaves of *Vanilla planifolia* Andrews
 C (219, 220)

Coniella Höhnelt

diplodiella (Speg.) Petrak & Sydow [sub: *Coniothyrium diplodiella* (Speg.) Sacc.,
Metasphaeria diplodiella (Viala & Ravaz.) Berl.] (18)
 on: *Vitis vinifera* L.
 C (213) Et (212, 214) Sc (23)

Coniothyria Sydow

agaves (Durieu & Mont.) Petrak & Sydow [sub: *Coniothyrium concentricum*
 (Desmaz.) Sacc. var. *agaves* Sacc.] (72)
 on: leaves of *Agave* sp.
 C (217)

Coniothyrium Corda [*Coniothyriaceae* Cooke]

? ***dasyliirii*** Celotti (60)
 on: leaves of *Dasyliirion glaucophyllum* Hooke
 C (214)

? ***insitivum*** Sacc. (60)
 on: small branches of *Prunus persica* (L.) Batsch
 C (214)

palmarum Corda [sub: *Diplodia passeriniana* Thümen, *D. pinnarum* Pass.,
Haplosporella dothideoides Sacc.] (2, 12, 71)
 on: dead leaves of *Chamaerops humilis* L., *Phoenix dactylifera* L.
 C (216) P (214) R (214) S (214)

? ***socium*** Pass. & Beltr. (60)
 on: dried leaves of *Chamaerops humilis* L.
 A (167) Sc (214)

Coryneum Nees [*Coryneaceae* Corda]

eribotryae Scalia (70a)
 on: *Eriobotrya japonica* (Thunb.) Lindley
 C (219) E (220)

Cryptostictis Fuckel

ilicina (Sacc.) Sacc. (69a)
 on: leaves of *Quercus ilex* L.
 Et (216)

Cytospora Ehrenb. [*Cytispori* Fr.]

? *corylicola* Sacc. ex Fuckel [sub: *C. corylicola* Sacc.] (60)

on: *Corylus avellana* L.

C (96, 180) E (89, 180) Et (96, 202) M (180) P (180)

? *oleina* Berl. (60)

on: dried small branches of *Olea europaea* L.

C (216)

? *punicae* Sacc. (60)

on: small branches of *Punica granatum* L.

Et (214)

salicis (Corda) Rabenh. (31)

on: *Salix purpurea* L.

C (214)

? *terebinthi* Bres. (60)

on: *Pistacia terebinthus* L.

A (225) C (225) Cl (225) E (225) Et (92)

? *tithymalina* Pass. & Beltr. (60)

on: small branches of *Euphorbia dendroides* L.

C (216) Et (212, 216) P (167)

Diachora J. Müller

onobrychidis (DC. p.p.) J. Müller [sub: *Placosphaeria onobrychidis* (DC.) Sacc.]
(17p)

on: *Hedysarum coronarium* L., *Lathyrus clymenum* L., *L. grandiflorus* Sm.

C (212, 214) Et (214)

Dinemasporium Lév. [? *Dinemasporiaceae* Locquin]

cytosporoides (Sacc.) Sutton [sub: *Dendrophoma cytosporoides* * *punicina* Sacc.]
(71)

on: small branches of *Punica granatum* L.

Et (214)

? *pulvis-pyrius* Sacc. (60)

on: small branches of *Pyrus communis* L.

C (214)

Diplodia Fr.

? *arundinacea* Durieu & Mont. (60)

on: culms of *Arundo donax* L., *Bambusa* sp.

C (216)

? *calycanthi* (Schwein.) Speg. (60)
on: dried small branches of *Calycanthus floridus* L.
C (214)

? *castaneae* Sacc. (60)
on: branches of *Castanea sativa* Miller
C (214)

? var. *corticola* Sacc. (60)
on: branches of *Castanea sativa* Miller
C (214)

? *hederae* Fuckel (60)
on: sarmenta of *Hedera helix* L.
C (212) Et (216)

? *herbarum* (Corda) Lév. (60)
on: dried stems of *Lilium candidum* L.
C (214)

? *opuntiae* Sacc. (60)
on: cladodes of *Opuntia ficus-indica* (L.) Miller
C (214)

? *pseudo-diplodia* Fuckel (60)
on: *Pyrus communis* L.
Et (214)

? *segapellii* Scalia (60)
on: sarmenta of *Rubus ulmifolius* Schott
C (214)

? *sicula* Scalia (60)
on: leaves of *Phoenix dactylifera* L.
C (216)

? *sidae* Pass. & Beltr. (60)
on: branches of *Abutilon striatum* Dickson
A (167)

? *subtecta* Fr. (60)
on: small branches of *Acer campestre* L.
C (216)

? *sycina* Mont. (60)
on: small branches *Ficus carica* L.
C (214)

? *vineae* Pass. & Beltr. (60)
on: sarmenta of *Vitis vinifera* L.

A (167) Et (214)

? *viticola* Desmaz. (60)

on: *Vitis vinifera* L.

C (212, 216) Et (216)

Discula Sacc.

quercina (Westend.) v. Arx (71)

on: *Quercus pubescens* Willd.

Sc (90)

umbrinella (Berk. & Broome) Morelet [sub: *Gloeosporium platani* (Mont.) Oudem.]
(71)

on: *Platanus orientalis* L.

C (214)

Dothiorella Sacc.

? *fruticola* Scalia (60)

on: *Quercus* sp.

C (217, 219)

reniformis (Viala & Ravaz) Petrak & Sydow [sub: *Phoma reniformis* Viala & Ravaz]
(72)

on: grapes.

C (217) Et (212, 213, 217)

rimiseda (Sacc.) Petrak & Sydow [sub: *Macrophoma rimiseda* (Sacc.) Berl. & Vogl.]
(72)

on: shoots of *Vitis vinifera* L.

C (212, 216) Et (216)

spartiicola (Berl. & Vogl.) Petrak & Sydow [sub: *Macrophoma spartiicola* Berl. & Vogl.] (72)

on: small branches of *Spartium junceum* L.

C (212)

Dumortiera Westend.

? *citriperda* Camp. [sub: *Cytosporina citriperda* Camp.] (79)

on: *Citrus deliciosa* Ten.

C (108)

Fusicoccum Corda

aesculi Corda (71)

on: *Aesculus hippocatanum* L.

C (214)

? *fructicolum* Scalia (79)
Et (218) Sc (218)

? *juglandis* C. Massalongo (60)
on: *Juglans regia* L.
Et (216)

? *sambucicolum* Scalia (60)
on: *Sambucus nigra* L.
C (219) Et (217, 218) Sc (218)

Gloeosporium Desmaz. & Mont.

? *cytharexyli* Scalia (60)
on: *Citharexylum quadrangulare* Jacq.
C (220, 222)

? *intermedium* var. *hiraee* Scalia (60)
on: leaves of *Hiraea* sp.
C (216)

? var. *poinsettiae* Sacc. (60)
on: branches of *Euphorbia heterophylla* L.
C (214)

Haplosporella Speg.

fabiformis (Pass. & Thümen) Petrak & Sydow [sub: *Sphaeropsis fabaeformis* (Pass. & Thümen) Sacc.] (72)
on: dead sarmenta of *Vitis vinifera* L.
C (214)

mori (Berl.) Petrak & Sydow [sub: *Sphaeropsis mori* Berl.] (72)
on: dried small branches of *Morus* sp.
C (214)

Hendersonia Sacc.

? *celtidis-australis* Scalia (60)
on: *Celtis australis* L.
C (220, 222)

? *magnoliae* Sacc. (60)
on: leaves of *Magnolia grandiflora* L.
C (216)

sarmentorum Westend. (26)
on: sarmenta of *Vitis vinifera* L.
C (212, 216)

***Lasiodiplodia* Ell. & Ev.**

theobromae (Pat.) Griff. & Maubl. [sub: *Diplodia natalensis* Pole Evans] (17j, 71)
on: almond-tree.
Sc (59)

***Macrophyllosticta* da Camara**

borziana (Scalia) da Costa & da Camara [sub: *Macrophoma borziana* Scalia] (40c)
on: leaves of *Calycanthus* sp.
C (217, 219) Et (218) Sc (218)

***Macrophoma* (Sacc.) Berl. & Vogl.**

? *aloes* Scalia (60)
on: leaves of *Aloe saponaria* Haw. var. *latifolia* Haw.
C (216)

? *aurantii* Scalia (60)
on: leaves of *Citrus aurantium* L.
Et (214)

? *cocos* Pass. (60)
on: leaves of *Cocos* sp.
C (217)

? *dalmatica* (Thümen) Berl. & Vogl. (60)
on: *Olea europaea* L.
Sc (23)

? *gibelliana* Scalia (60)
on: leaves of *Chamaedorea* sp.
C (217, 219) Et (218) Sc (218)

? *hibisci* Scalia (60)
on: small branches of *Hibiscus manihot* L.
Et (216)

? *juncei* Pass. (60)
on: dead branches of *Spartium junceum* L.
C (214)

? *mantegazziana* Penzig var. *limonum* Scalia (60)
on: putrescent leaves of *Citrus limon* (L.) Burm
Et (217, 219)

? *paeoniae* Scalia (60)
on: leaves of *Paeonia corallina* Retz.
Et (216)

? *sicula* Scalia (60)

on: shoots of *Vitis vinifera* L.

C (212)

***Marssonina* Magnus**

matteiana (Sacc.) Karakulin [sub: *Marssonina matteiana* Sacc.] (40b)

on: leaves of *Quercus robur* L.

P (146)

***Metadiplodia* Sydow**

aurantii (Catt.) Zambettakis [sub: *Diplodia aurantii* Catt.] (40e)

on: leaves and small branches of *Citrus aurantium* L., *C. limon* (L.) Burm.

C (212, 214) M (214) S (106)

ramulicola (Desmaz.) Zambettakis [sub: *Diplodia ramulicola* Desmaz.] (40f)

on: dried small branches of *Euonymus europaeus* L.

C (216)

spiraieina (Sacc.) Zambettakis [sub: *Diplodia spiraeina* Sacc.] (40g)

on: dried small branches of *Spiraea* sp.

C (220, 222)

***Microdiplodia* Allescher**

perpusilla (Desmaz.) Allescher [sub: *Diplodia perpusilla* Desmaz.] (12)

on: *Foeniculum vulgare* Miller

M (214)

***Pestalotia* de Not.**

? *breviseta* Sacc. (60)

on: pistachio.

C (181)

? *sarmenti* Pass. (60)

on: dead sarmenta of *Vitis vinifera* L.

C (214)

***Pestalotiopsis* Steyaert**

funerea (Desmaz.) Steyaert [sub: *Pestalotia funerea* Desmaz.] (31)

on: leaves and small branches of *Araucaria excelsa* R. Br.

C (214)

***Phloeospora* Wallr.**

ulmi (Fr. ex Kunze) Wallr. [sub: *Sphaeria ulmicola* Biv.-Bern.] (71)

on: *Ulmus glabra* Hudson

Et (234) P (151) Sc (15)

Phoma Sacc. [*Phomaceae* Clements]

? *aculeorum* Sacc. (60)

on: thorns of *Rosa* sp.

Et (216)

? *citri* Sacc. [sub: *P. citri* Sacc. fo. *foliicola* Scalia] (60)

on: putrescent leaves of *Citrus limon* (L.) Burm.

Et (217)

? *citri-robiginis* Cavara & Mollica (60)

on: fruits of *Citrus* sp. pl.

C (54) P (54) Sc (54)

? *debeauxiana* Sacc. (60)

on: dried leaves of *Aloe* sp.

C (214)

destructiva Plowr. (71)

on: *Lycopersicon esculentum* Miller

Sc (23)

? *eriobotryae* Bougini (79)

on: *Eriobotrya japonica* (Thunb.) Lindley

Sc (23)

hedericola (Durieu & Mont.) Boerema [sub: *Phyllosticta hedericola* Durieu & Mont.]

(71)

on: leaves of *Hedera helix* L.

C (216) (216)

? *helicis* Pass. & Beltr. (60)

on: *Hedera helix* L.

P (167)

herbarum Westend. (71)

on: parched stems of *Euphorbia cyparissias* L., *Rumex* sp., dry stems of many herbs.

C (212) S (214)

? *incompta* Sacc. & Mart. (60)

on: fruits of *Olea europaea* L.

Md (153)

? *lagenicola* Sacc. (60)

on: putrid epicarp of *Lagenaria siceraria* (Molina) Standley

C (214)

limonis Thümen & Bolle (26)

on: dried small branches of *Citrus limon* (L.) Burm.
C (214)

? *lophostomatoides* Sacc. (60)
on: sheath of *Secale cereale* L.
Et (217)

macrostoma Mont. (71)
on: orange-tree.
C (130)

? *mahoniana* Sacc. var. *sicula* Scalia (60)
on: leaves of *Mahoniana aquifolium* (Pursh) Nutt.
C (216)

medicaginis Malbr. & Roum. var. *medicaginis* (31)
on: pea.
C (168)

? *pallens* Berk. & M. A. Curtis (60)
on: fruits of *Olea europaea* L.
Md (153)

pomorum Thümen [sub: *Coniothyrium prunicolum* Husz., *Phoma prunicola* (Opiz)
Wollenweb. & Hochpf.] (71)
on: almond-tree.
Sc (59)

? *putator* Sacc. (60)
on: dried small branches of *Populus tremuloides* Michx.
C (214)

? *rigida* Penzig (60)
on: leaves of *Citrus limon* (L.) Burm.
P (151, 152, 170)

? *smilacis* Boy. & Jacz. (60)
on: stems of *Smilax aspera* L.
S (236)

? *socia* Scalia (60)
on: leaves of *Calycanthus* sp.
C (217, 219) Et (218) Sc (218)

? *spartiicola* Brun. (60)
on: dried small branches of *Spartium junceum* L.
C (214)

? *torrens* Sacc. (60)
on: cactus.

C (214)

tracheiphila (Petri) Kantachveli & Gikachvili [sub: *Bakerophoma tracheiphila* (Petri) Cif., *Deuterophoma tracheiphila* Petri] (71)

on: *Citrus aurantium* L., *C. clementi* Hort., *C. deliciosa* Ten., *C. limon* (L.) Burm., *C. medica* L., *C. paradisi* Mcfayden, *Citrus* sp. pl., orange-tree, *Poncirus trifoliata* Rafin. x *Citrus sinensis* (L.) Osbeck, *Severinia buxifolia* (Poirot) Ten..

C (12, 49, 74, 100, 130) M (12) P (8, 9) R (12) S (12, 72) Sc (9, 23)

? *vespris* Sacc. (60)

on: sarmenta of **Rubus candicans* Weihe

C (214)

? *vitis* Bonorden (60)

on: sarmenta of *Vitis vinifera* L.

C (214) M (214) Sc (149)

Phomopsis (Sacc.) Bubák

? *amygdalina* Canonaco (79)

on: almond-tree.

Sc (23)

asparagi (Sacc.) Bubák [sub: *Phoma asparagi* Sacc.] (17v)

on: putrid stems of *Asparagus officinalis* L.

Et (217)

? *mali* (Schultz & Sacc.) Roberts (60)

on: *Diospyros kaki* L.

C (191) P (191) R (191)

viticola Sacc. [sub: °*P. viticola* (Redd.) Goid.] (31a)

on: vine.

C (184)

Phyllosticta Pers. [*Phyllostictaceae* Fr.]

? *arisari* Bres. (60)

on: leaves of *Arisarum vulgare* Targ.-Tozz.

C (216)

? *beltrani* Penzig (60)

on: leaves of lemon-tree.

P (151, 152, 170)

? *bolleana* Sacc. (60)

on: leaves of *Euonymus japonicus* L.

C (216)

? *caprifolii* (Opiz) Sacc. (60)

on: leaves of **Lonicera caprifolium* L.
Et (216)

? *capsulicola* Sacc. & Speg. (60)
on: tobacco.
Sc (23)

? *cicerina* Prill. & Del. (60a)
on: leaves and small branches of *Cicer arietinum* L.
S (217)

? *concentrica* Sacc. (60)
on: leaves of *Hedera helix* L.
C (212, 216) Et (216)

? *crini* Sacc. (60)
on: leaves of *Crinum* sp.
P (146)

? *cycadina* Pass. (60)
on: leaves of *Cycas revoluta* Thunb.
C (217)

? *disciformis* Penzig (60)
on: leaves of *Citrus limon* (L.) Burm.
Et (212, 216)

? *evonymella* Sacc. (60)
on: leaves of *Euonymus europaeus* L.
Et (216)

? *fusiformis* Nicolas & Aggery (60)
on: *Eriobotrya japonica* (Thunb.) Lindley
Sc (23)

hippoglossi (Mont.) Allescher [sub: *Macrophoma hippoglossi* (Mont.) Berl.] (31)
on: cladodes of *Ruscus aculeatus* L.
C (214) Et (214) M (214)

? *hortorum* Speg. [sub: *Ascochyta hortorum* (Speg.) Smith] (60)
on: *Solanum melongena* L.
Sc (23)

magnoliae Shereemali [sub: *P. magnoliae* Sacc.] (40u)
on: leaves of *Magnolia grandiflora* L.
C (216) Et (216)

? *nerii* Westend. (60)
on: leaves of *Nerium oleander* L.
C (212, 216)

? *ocellata* Pass. & Beltr. (60)

on: leaves of *Citrus limon* (L.) Burm.

P (167, 151, 152)

opuntiae Sacc. [sub: *P. opuntiae* Sacc. & Speg.] (26)

on: cladodes of *Opuntia ficus-indica* (L.) Miller

Et (212, 213, 216)

? *paratropiae* Sacc. (60)

on: *Paratropia* sp.

P (146)

? *persicae* Sacc. (60)

on: leaves of *Prunus persica* (L.) Batsch

C (151, 216) Et (216) Sc (151)

? *portulacae* Sacc. (60)

on: leaves of *Portulaca oleracea* L.

C (212, 216) Et (216)

? *ruscicola* Durieu & Mont. (60)

on: leaves of *Ruscus aculeatus* L.

C (216) Et (216)

? *siliquastri* Sacc. & Speg. (60)

on: leaves of *Cercis siliquastrum* L.

S (217)

? *sonchi* Sacc. (60)

on: leaves of *Sonchus oleraceus* L.

C (212, 216)

? *tabaci* Pass. (60)

on: *Nicotiana tabacum* L.

Sc (23)

? *terebinthi* Pass. (60)

on: leaves of *Pistacia terebinthus* L.

Et (217)

? *teucree* Sacc. & Speg. (60)

on: leaves of *Teucrium fruticans* L.

C (217)

***Piggotia* Berk. & Broome**

coryli (Desmaz.) Sutton [sub: *Labrella coryli* (Desmaz. & Roberge) Sacc.] (71)

on: *Corylus avellana* L.

Sc (89)

***Pilidium* Kunze**

concovum (Desmaz.) Höhnelt [sub: *Sclerotiopsis pelargonii* Scalia] (71)
on: *Pelargonium* sp.
Et (219, 220)

***Piptarthron* Mont. ex Höhnelt**

macrosporum (Durieu & Mont.) Höhnelt [sub: *Stagonospora macrospora* (Durieu & Mont.) Sacc.] (71)
on: *Agave americana* L.
C (222) M (220)

***Podoplaconema* Petrak**

melaenum (Fr.) Petrak [sub: *Phoma melaena* (Fr.) Mont. & Durieu] (71)
on: *Astragalus siculus* Biv.-Bern. infected by *Uromyces* sp.
C (214)

***Pseudodiplodia* (P. Karsten) Sacc.**

ruticola (Rabenh.) Petrak (40d)
on: fruits.
C (171)

***Pseudolachnea* Ranojevic**

hispidula (Schrader: Fr.) Sutton [sub: *Dinemasporium hispidulum* (Schrader) Sacc.] (71)
on: undetermined putrescent small branches.
Et (212, 216)

***Pseudoseptoria* Speg.**

donacis (Pass.) Sutton [sub: *Septoria donacis* Pass.] (71)
on: *Arundo donax* L.
C (216)

***Pyrenochaeta* de Not.**

lycopersici W. G. Schneider & Gerlach (71)
on: *Lycopersicon esculentum* Miller
P (23, 223) R (42)

***Rhabdospora* (Durieu & Mont. ex Sacc.) Sacc.**

? *poterii* Pass. (60)
on: small branches of *Sanguisorba minor* Scop. subsp. *minor*
C (214)

? *senecionis-aetnensis* (Scalia) Sacc. [sub: *Septoria senecionis-aetnensis* Scalia]
(60)
on: stems of *Senecio aetnensis* DC.
Et (214)

***Robillarda* Sacc.**

? *celtidis* Scalia (60)
on: *Celtis australis* L.
C (220, 222)

***Sclerotiopsis* Speg.**

? *sicula* Scalia (60)
on: *Anagyris foetida* L.
Et (220, 222)

***Seimatosporium* Corda**

lichenicola (Corda) Shoemaker & Müller [sub: *Coryneum foliicolum* Fuckel, *C. microstictum* Berk. & Broome] (71)
on: dead leaves of *Quercus ilex* L., sarmenta of **Rubus candicans* Weihe
C (214) Et (50, 214, 217)

***Seiridium* Nees**

cardinale (Wagener) Sutton & Gibson [sub: *Coryneum cardinale* Wag.] (71)
on: cypress.
M (207)

***Selenophoma* Maire**

candollei (Berk. & Broome) Petrak [sub: *Macrophoma candollei* (Berk. & Broome) Berl. & Vogl.] (72)
on: leaves of *Buxus sempervirens* L.
C (217)

***Septogloeum* Sacc.**

? *pistaciae* Garb. (79)
on: pistachio.
A (225) C (225) Cl (225) E (225)

***Septoria* Sacc. [Septoriaceae Cooke]**

? *acanthina* Sacc. & Magnus (60)
on: leaves of *Acanthus mollis* L.
C (214) Et (212) M (214) P (146)

***achyranthis* Scalia (16)**on: leaves of *Achyranthes* sp.

Et (214)

? *ampelina* Berk. & M. A. Curtis (60)on: *Vitis vinifera* L.

Sc (23)

***apiicola* Speg. [sub: *S. petroselini* Desmaz., *S. petroselini* Desmaz. var. *apii* Broome & Cavara] (17c)**on: *Petroselinum sativum* Hoffm.

C (214, 217) Et (214) Sc (23)

? *arethusae* Penzig (60)on: leaves of *Citrus* sp. pl.

C (109)

? *atriplicis* (Westend.) Fuckel (60)on: leaves of *Chenopodium* sp.

C (212, 216) Et (216)

? *calycanthi* Sacc. & Speg. (60)on: leaves of *Calycanthus* sp.

C (217)

? *calystegiae* Westend. (60)on: leaves of *Convolvulus sepium* (L.) Br.

C (212, 213, 216)

***capparidis* Sacc. (26)**on: leaves of *Capparis spinosa* L.

C (216)

? *caryophylli* Scalia (60)on: leaves and stems of *Dianthus caryophyllus* L.

Et (220, 222)

***castaneicola* Desmaz. (31)**on: *Castanea sativa* Miller

Et (217)

? *cavarae* Scalia (60)on: leaves of *Acalypha* sp.

C (217, 219) Et (218) Sc (218)

? *cercidis* Fr. (60)on: leaves of *Cercis siliquastrum* L.

P (146) S (216)

? *cheiranthi* Roberge & Desmaz. (60)

on: leaves of *Erysimum cheiri* (L.) Crantz
C (207, 216) Et (216)

? *cirrosae* Sacc. (60)
on: leaves of *Clematis cirrhosa* L.
P (146)

? *citri* Pass. [sub: *S. citri* Pass. β *minor* Penzig] (60)
on: leaves of *Citrus aurantium* L.
C (109, 213) Et (212, 216) S (115)

convolvuli Desmaz. (31)
on: *Calystegia sepium* (L.) Br.
C (214)

? var. *soldanellae* Brun. (31)
on: leaves of *Calystegia soldanella* (L.) R. Br.
C (214)

cucurbitacearum Sacc. (17n)
on: leaves of *Cucurbita pepo* L.
Et (217)

dianthi Desmaz. (31)
on: *Dianthus caryophyllus* L.
C (217)

? *dryophila* Sacc. (60)
on: leaves of *Quercus ilex* L.
P (146)

? *elaegni* (Chev.) Desmaz. (60)
on: leaves of *Elaeagnus angustifolia* L.
C (217)

? *evonymella* Pass. (60)
on: leaves of *Euonymus* sp.
C (214)

? *exotica* Speg. (60)
on: leaves of *Veronica speciosa* Cunn.
C (216)

? *fuchsiae* Roum. (60)
on: leaves of *Fuchsia magellanica* Lam.
C (212, 213) Et (216)

gladioli Pass. (31)
on: *Gladiolus italicus* Miller
C (214)

? *graminum* Desmaz. (60)

on: wheat.

P (76) Sc (23)

hederae Desmaz. (31)

on: *Hedera helix* L.

C (217)

? *hoyae* Sacc. (60)

on: leaves of *Hoya australis* R. Br.

C (216) Et (212, 213)

? *limonum* Pass. (60)

on: leaves of *Citrus aurantium* L.

M (214)

lycopersici Speg. (71)

on: *Lycopersicon esculentum* Miller

A (57) R (57) S (57)

? *mahoniae* Pass. (60)

on: leaves of *Mahonia aquifolium* (Pursh) Nutt.

C (214)

? *oleandrina* Sacc. (60)

on: leaves of *Nerium oleander* L.

C (217)

? *pistaciae* Desmaz. (60)

on: pistachio.

A (225) C (181, 225) Cl (225) E (225)

rubi Westend. (31)

on: **Rubus fruticosus* L.

C (217)

scabiosicola Desmaz. (31)

on: *Scabiosa* sp.

C (212, 213, 214)

? *sicula* Penzig (60)

on: leaves of *Citrus limon* (L.) Burm.

C (213) Et (212, 213, 214) P (151, 152, 170)

? *smilacina* Durieu & Mont. (60)

on: leaves of *Smilax aspera* L.

C (214)

? *solani-nigri* Scalia (60)

on: leaves of *Solanum nigrum* L.

C (220, 222)

? *trifolii* Cavara (60)

on: *Trifolium repens* L.

C (151)

? *urgineae* Pass. & Beltr. (60)

on: leaves of *Urginea maritima* (L.) Baker

A (167)

urticae Roberge & Desmaz. (31)

on: *Urtica* sp.

C (212, 216)

Sphaceloma de Bary

citri (Briosi & Farneti) Hara [sub: *Cladosporium citri* Briosi & Farneti, °*Haplaria citri*, °*Hormodendron citri*, °*Ovularia citri*, °*Pseudofumago citri*, °*Pseudosaccharomyces citri*, *Rhynchodiplodia citri* Briosi & Farneti] (40n)

M (28, 85) S (28, 85) Sc (85)

quercus-ilicis Martelli & Laviola [sub: °*Cycloconium quercus-ilicis*] (40i)

on: *Quercus ilex* L.

Et (50)

Sphaeropsis Sacc.

? *calycanthi* Scalia (60)

on: leaves of *Calycanthus* sp.

C (217, 219) Et (218) Sc (218)

? *graminum* Scalia (60)

on: culms of *Gramineae*.

C (216) Et (216)

? *peckiana* Thümen (79)

on: *Vitis vinifera* L.

Sc (149)

Stagonospora (Sacc.) Sacc.

? *ischaemi* Sacc. (60)

on: leaves of *Andropogon distachyus* L.

C (214)

Stegonsporium Corda

chlorinum Pass. & Beltr. (74a)

on: *Olea europaea* L.

P (167)

***Vermicularia* Tode**

? *grandis* Pass. & Beltr. (60)
on: branches of *Mespilus germanica* L.
C (214) P (167)

Fossil fungi***Chaetomites* Pampaloni**

intricatus Pampaloni (79)
S (163, 164)

***Erysiphites* Pampaloni**

melilli Pampaloni (79)
S (163, 164)

***Melanosporites* Pampaloni**

stefanii Pampaloni (79)
S (163, 164)

***Microthyrites* Pampaloni**

disodilis Pampaloni (79)
S (163, 164)

***Monilites* Pampaloni**

albida Pampaloni (79)
S (163, 164)

***Perisporites* Pampaloni**

hirsutus Pampaloni (79)
S (163, 164)

setosus Pampaloni (79)
S (163, 164)

***Peronosporites* W. G. Sm.**

miocenica Pampaloni (79)
S (163, 164)

sicula Pampaloni (79)
S (163, 164)

***Pythites* Pampaloni**

***disodilis* Pampaloni** [sub: *Pythium disodilis* Baccharini, °*P. disodilis*] (79)
S (7, 163, 164)

***Uncinulites* Pampaloni**

***baccarinii* Pampaloni** (79)
S (163, 164)

Incertae sedis

***Actycus* Rafin. (nom. nud.)**

? ***siculus* Rafin. (nom. nud.)** (79)
Et (234)

***Cyathella* Rafin. (nom. nud.)**

? ***laevis* L. ex Strobl (nom. nud.)** (79)
Et (234)

***Endaematus* Rafin. (nom. nud.)**

? ***albus* Rafin. (nom. nud.)** (79)
Sc (182)

Host and substratum index

Abutilon striatum Dickson
Diplodia sidae

Acacia karoo Hayne
Rosellinia necatrix

Acalypha sp.
Septoria cavarae

Acanthus mollis L.
Septoria acanthina

Acer campestre L.
Diplodia subsecta
Oidium aceris

Acer platanoides L.
Physalospora gregaria

Acer pseudoplatanus L.
Oidium aceris

Acer sp.
Eutypa lata
Fusarium roseum
Rhytisma acerinum

Achyranthes sp.
Septoria achyranthis

Acupalpus elegans Dej.
Laboulbenia acupalpi

Aesculus hippocastanum L.
Fusicoccum aesculi

Agave americana L.
Piptarthron macrosporum

Agave sp.
Coniothyria agaves
Fusarium roseum

Ajuga pyramidalis L.
Ramularia ajugae

Allium cepa L.
Peronospora destructor

Puccinia porri
Urocystis magica

Allium nigrum L.
Peronospora destructor

Allium porrum L.
Pleospora allii
Puccinia porri

Allium sativum L.
Puccinia allii
Puccinia porri

Allium sp.
Puccinia allii

Almond-tree vide *Prunus dulcis*

Alnus glutinosa (L.) Gaertner
Eutypella alnifraga

Aloe saponaria Haw. var. *latifolia* Haw.
Macrophoma aloes

Aloe sp.
Phoma debauxiana

Althaea officinalis L.
Puccinia malvacearum

Amaranthus albus L.
Albugo bliti

Amaranthus graecizans L.
Albugo amaranthacearum
Albugo bliti

Amaryllis belladonna L.
Pleospora herbarum

Anagyris foetida L.
Sclerotiopsis sicula
Uromyces genistae-tinctoriae

Anchusa officinalis L.
Ramularia anchusae

Anchusa sp.
Aecidium clematidis
Puccinia recondita

Andropogon distachyus L.
Phyllachora graminis
Sporisorium andropogonis
Stagonospora ischaemi

Anemone coronaria L.
Aecidium punctatum
Tranzschelia pruni-spinosae
Urocystis anemones

Anemone hortensis L.
Aecidium punctatum
Tranzschelia pruni-spinosae

Angelica sylvestris L.
Colletotrichum dematium
Tuberculina persicina

Antholyza aethiopica L.
Asteroma antholyzae

Anthyllis tetraphylla L.
Uromyces anthyllidis

Anthyllis vulneraria L.
Uromyces anthyllidis

Apium graveolens L.
Cercospora apii

Apple-tree vide *Malus domestica*

Apricot-tree vide *Prunus armeniaca*

Arabis verna (L.) R. Br.
Albugo candida

Araucaria excelsa R. Br.
Pestalotiopsis funerea

Arbutus unedo L.
Eurotium chevalieri

Archangelica officinalis
Hoffm.
Puccinia smyrnii

Arisarum vulgare Targ.-
Tozz.
Phyllosticta arisari

Artemisia alba Turra
Puccinia tanacetii
Sphaerellopsis filum

Artichoke vide *Cynara cardunculus*

Arum italicum Miller
Colletotrichum montemartinii
Ramularia ari

Arundo donax L.
Chaetomella atra
Dendrodochium microsorum
Dinemasporium graminum
Diplodia arundinacea
Epicoccum neglectum
Lophiostoma hygrophilum
Papularia arundinis
Phaeosphaeria recessa
Pseudoseptoria donacis
Puccinia phragmitis
Septoria oxyspora

Asclepias curassavica L.
Oidiopsis sicula

Asparagus officinalis L.
Phomopsis asparagi
Pleospora herbarum
Puccinia asparagi

Asphodelus fistulosus L.
Puccinia asphodeli

Asphodelus microcarpus
Salzm. & Viv.
Pleospora asphodeli
Puccinia asphodeli

Astragalus siculus Biv.-Bern.
Podoplaconema melaenum
Uromyces punctatus

Avena sativa L.
Puccinia coronata
Ustilago avenae

Avena sterilis L.
Puccinia coronata
Ustilago avenae

Avena sp.
Blumeria graminis
Pyrenophora trichostoma

Ballota rupestris (Biv.-Bern.)
 Vis.
Oidium gigasporum

Balsamita major Desf.
Puccinia balsamitae

Bambusa sp.
Diplodia arundinacea

Bark
Cryptovalsa protracta

Basil vide *Ocimum basilicum*

Bean vide *Phaseolus vulgaris*

Benincasa hispida (Thunb.)
 Cogn.
Rhizopus nigricans

Berberis aetnensis C. Presl.
Puccinia graminis

Berry
Rhizopus nigricans

Beta vulgaris L.
Cercospora beticola
Oidium tuckeri
Uromyces betae

Betula aetnensis Rafin.
Melampsoridium betulinum

Biscutella lyrata L.
Albugo candida

Borago officinalis L.
Entyloma serotinum

Bothriochloa ischaemon
 (L.) Keng
Dothidella fallax
Puccinia cesatii

Bougainvillea spectabilis
 Willd.
Cladosporium arthrinoideis

Brachinus bellicosus Duft.
Laboulbenia rougetii

Brachinus sp. pl.
Laboulbenia rougetii

Branch
Acrostalagmus cinnabarinus
Aspergillus glaucus
Cryptovalsa rabenhorstii
Dinemasporium graminum
Eurotium herbariorum
Fracchiacea heterogenea
Graphium subtile
Lopadostoma gastrinum
Nectria cinnabarina
Physarum cinereum
Pseudolachnea hispidula
Tubercularia vulgaris

Brassica oleracea L.
Albugo candida
Alternaria brassicae
Mycosphaerella brassicicola

Brassica oleracea L. convar.
botrytis
Alternaria brassicae
Mycosphaerella brassicicola
Peronospora parasitica

Brassica oleracea L. convar.
capitata
Peronospora parasitica

Brassica rapa* L.Albugo candida**Alternaria brassicae**Peronospora parasitica****Bromus madritensis* L.***Ustilago bullata****Bromus tectorum* L.***Ustilago bullata****Bromus* sp.***Puccinia graminis**Ustilago bullata****Broussonetia papyrifera* (L.)**

Vent.

*Arcyria denudata****Bupleurum baldense* Turra***Puccinia bupleuri****Bupleurum lancifolium***

Hornem.

*Puccinia bupleuri****Buxus sempervirens* L.***Ascochyta buxina**Mycosphaerella buxicola**Phyllactinia guttata**Puccinia bunii**Selenophoma candollei****Cactus****Phoma torrens****Calendula arvensis* L.***Entyloma calendulae****Calendula* sp.***Erysiphe communis****Calepina irregularis* (Asso)**

Thell.

*Albugo candida****Calicotome villosa* (Poiret)**

Link

*Didymosphaeria epidermidis****Calycanthus floridus* L.***Diplodia calycanthi****Calycanthus* sp.***Macrophyllosticta borziana**Phoma socia**Septoria calycanthi**Sphaerellopsis filum****Calystegia sepium* (L.) R.**

Br.

*Melampsora populina**Puccinia convolvuli**Septoria convolvuli****Camelina microcarpa***

Andrz.

*Albugo candida****Camellia japonica* L.***Meliola camelliae****Canna indica* L.***Doratomyces stemonitis****Capparis spinosa* L.***Albugo capparidis**Cercospora capparidis**Septoria capparidis****Capsella bursa-pastoris***

(L.) Medicus

*Albugo candida****Capsicum annuum* L.***Leivellula taurica**Verticillium albo-atrum****Capsicum* sp.***Ascochyta lycopersici****Carduus* sp.***Puccinia hieracii****Carlina vulgaris* L.***Puccinia hieracii****Carlina* sp.***Puccinia hieracii*

Carnation vide *Dianthus*
caryophyllus

Carrot vide *Daucus carota*
subsp. *sativus*

Castanea sativa Miller
Cryphonectria parasitica
Cytospora ceratophora
Diplodia castanae
Diplodia castanae var. *corticola*
Hypoxyton serpens
Hysterium pulicare
Lophiostoma quadrinucleatum
Mollisia cinerea
Mycosphaerella punctiformis
Phyllosticta maculiformis
Phytophthora cambivora
Septoria castaneicola
Valsa ceratophora

Cauliflower vide *Brassica*
oleracea convar. *botrytis*

Caulis vide **Stem**

Celtis australis L.
Gyrocera celtidis
Hendersonia celtidis-australis
Robillarda celtidis
Trichothecium roseum

Centaurea napifolia L.
Puccinia cnici-oleracei

Centaurea parlatoris Heldr.
Erysiphe cichoracearum var.
cichoracearum

Centranthus ruber (L.) DC.
Aecidium valerianellae
Dasyscyphus clandestinus
Pleospora herbarum
Puccinia gladioli
Ramularia centranthi

Cerastium tomentosum L.
Puccinia arenariae

Ceratonia siliqua L.
Botryodiplodia aterrima
Oidium ceratoniae
Oidium tuckeri
Sporotrichum laxum

Cercis siliquastrum L.
Phyllosticta siliquastrum
Septoria cercidis

Cerinth major L.
Aecidium clematidis
Puccinia recondita

Chamaedorea elegans
Mart.
Phytophthora palmivora

Chamaedorea sp.
Macrophoma gibelliana
Phytophthora palmivora

Chamaerops humilis L.
Anthostomella contaminans
Auerswaldiella chamaeropsis
Coniothyrium palmarum
Coniothyrium socium
Graphiola phoenicis
Hysterium angustatum
Leptosphaeria magnusiana

Cheese-rind
Fusarium moniliforme
Penicillium crustosum

Chenopodium sp.
Peronospora farinosa
Septoria atriplicis

Chestnut-tree vide
Castanea sativa

Chimonanthus fragrans
Lindl.
Pleospora herbarum

Chlaenius vestitus Payk.
Laboulbenia variabilis

***Chrysanthemum indicum* L.**
Puccinia chrysanthemi

***Chrysanthemum segetum* L.**
Synchytrium aureum

***Chrysanthemum* sp.**
Puccinia horiana
Ustilago tragopogonis-pratensis

***Cicer arietinum* L.**
Ascochyta pisi
Ascochyta rabiei
Didymella rabiei
Phyllosticta cicerina
Uromyces ciceris-arietini
Uromyces ciceris-arietini var.
aetnensis

Cichoriaceae* vide *Lactuceae
gen./sp.

***Cichorium endivia* L.**
Puccinia hieracii

***Cirsium* sp.**
Puccinia cirsii
Puccinia cnici-oleracei

Citron vide *Citrus medica*

***Citrus aurantium* L.**
Alternaria alternata
Arthrinium phaeospermum
Botryosphaeria dothidea
Botryotinia fuckeliana
Botrytis cinerea
Colletotrichum gloeosporioides
Endogone fasciculata
Endogone mossae
Gloeosporium fructigenum
Hypoderma aurantii
Macrophoma aurantii
Meliola citri
Metadiplodia aurantii
Mycosphaerella sicula
Penicillium italicum
Phytophthora cactorum
Phoma tracheiphila
Phomopsis citri

Septoria citri
Septoria limonum
Thielaviopsis basicola
Trichothecium roseum

***Citrus clementei* Hort.**
Colletotrichum gloeosporioides
Gloeosporium fructigenum
Phoma tracheiphila

***Citrus deliciosa* Ten.**
Dumortiera citriperda
Penicillium italicum
Phoma tracheiphila

***Citrus limetta* Risso**
Fusarium sambucinum

***Citrus limon* (L.) Burm.**
Alternaria alternata
Ascochyta bombycina
Ascochyta citri
Ascochyta hesperidearum
Aspergillus flavus
Aspergillus giganteus
Aspergillus lucknowensis
Aspergillus nidulans
Aspergillus phoenicis
Aspergillus versicolor
Aureobasidium pullulans
Beltrania rhombica
Botryosphaeria dothidea
Botryotinia fuckeliana
Botrytis cinerea
Colletotrichum gloeosporioides
Coremium citrinum
Cryptovalsa citri
Elsinoë australis
Fusarium lateritium
Fusarium solani
Gibberella baccata
Gloeosporium fructigenum
Guignardia socia
Macrophoma mantegazziana
 var. *limonum*
Meliola citri
Metadiplodia aurantii
Mycosphaerella gibelliana
Mycosphaerella sicula
Paecilomyces lilacinum

Penicillium aurantiogriseum
Penicillium capsulatum
Penicillium charlesii
Penicillium corylophilum
Penicillium cyaneum
Penicillium digitatum
Penicillium expansum
Penicillium glabrum
Penicillium implicatum
Penicillium italicum
Phoma citri
Phoma limonis
Phoma rigida
Phoma tracheiphila
Phomopsis citri
Phyllosticta beltrani
Phyllosticta disciformis
Phyllosticta ocellata
Phytophthora cactorum
Phytophthora citricola
Phytophthora citrophthora
Phytophthora hibernalis
Phytophthora syringae
Pleospora herbarum
Sclerotinia sclerotiorum
Septoria sicula
Thielaviopsis basicola
Trichoderma konigii

Citrus medica L.
Colletotrichum gloeosporioides
Fusarium dimerum
Gloeosporium fructigenum
Phoma tracheiphila

Citrus paradisi Mcfayden
Phoma tracheiphila

Citrus sinensis (L.) Osbeck
Botryosphaeria dothidea
Botryotinia fuckeliana
Botrytis cinerea
Colletotrichum gloeosporioides
Daldinia concentrica
Fusarium equiseti
Fusarium lateritium
Fusarium solani
Geotrichum candidum
Gibberella baccata
Gloeosporium fructigenum

Nectria vulgaris
Phytophthora citrophthora
Phytophthora hibernalis
Phytophthora nicotianae var.
nicotianae
Phytophthora nicotianae var.
parasitica
Phoma macrostoma
Phoma tracheiphila
Phomopsis citri
Pleospora herbarum
Sclerotinia sclerotiorum
Verticillium lecanii
Volutella fuserioides

Citrus sp. pl.
Colletotrichum gloeosporioides
Glomus occultum
Meliola penzigi
Phoma citri-robiginis
Rhizoctonia violacea
Septoria arethusa

Cladophora sp.
Rhizophydium messanense

Clematis cirrhosa L.
Septoria cirrosae

Clematis flammula L.
Aecidium clematidis
Puccinia recondita

Clematis vitalba L.
Aecidium clematidis
Puccinia recondita

Cochineal
Verticillium lecanii

Cochlearia glastifolia L.
Albugo candida

Cocos sp.
Macrophoma cocos

Compositae gen/sp.
Diaporthe arctii

Convolvulus arvensis* L.Erysiphe martii**Puccinia convolvuli****Convolvulus sepium* (L.) R.**

Br.

*Puccinia convolvuli**Septoria calysetgiae**Sphaerellopsis filum****Convolvulus siculus* L.***Albugo convolvulacearum****Corylus avellana* L.***Asteroma coryli**Cytospora corylicola**Nectria ditissima**Nematospora coryli**Phyllactinia guttata**Piggotia coryli**Trabutia quercina****Corynocarpus laevigata* Forst.***Alternaria alternata**Pleospora herbarum****Corypha australis* R. Br.***Hysterium angustatum****Crataegus azarolus* L.***Gymnosporangium clavariaeforme****Crataegus oxyacantha* L.***Pleospora oxyacanthae**Podosphaera clandestina* var.*clandestina**Taphrina bullata****Crepis bursifolia* L.***Puccinia crepidis**Puccinia scaliana****Cressa cretica* L.***Aecidium cressae****Crinum* sp.***Colletotrichum gloeosporioides**Phyllosticta crini**Pleospora herbarum****Cucumis* sp.***Ascochyta lycopersici****Cucurbita pepo* L.***Colletotrichum capsici**Didymella applanata**Oidium erysiphoides**Septoria cucurbitacearum****Cucurbita* sp.***Ampelomyces quisqualis**Myrothecium verrucaria***Culm***Colletotrichum graminicola****Cupressus sempervirens***

L.

*Seiridium cardinale****Cycas revoluta* Thunb.***Ascochyta cycadina**Phyllosticta cycadina****Cynara cardunculus* L.***Bremia lactucae**Verticillium dahliae****Cynara cardunculus* L. subsp.***scolymus* (L.) Hayek*Bremia lactucae**Leivellula taurica**Ramularia cynarae****Cynodon dactylon* Pers.***Phyllachora cynodontis**Puccinia cynodontis****Cynomorium coccineum* L.***Physarum leucophaeum****Cyperus papyrus* L.***Ascochyta papyricola**Leptosphaeria papyri****Cypress* vide *Cupressus*
*sempervirens***

Cytarexylum quadrangulare
Jacq.

Gloeosporium cytarexyl

***Dactylis* sp.**
Phyllachora graminis

Dahlia variabilis (Willd.) Desf.
Pleospora herbarum

Dasyilirion glaucophyllum
Hooke
Coniothyrium dasyilirii

***Datura arborea* L.**
Pleospora herbarum

***Daucus carota* L. subsp.**
sativus (Hoffm.) Arcang.
Uromyces graminis

***Dianthus caryophyllus* L.**
Alternaria dianthi
Fusarium semitectum
Mycosphaerella dianthi
Septoria caryophylli
Septoria dianthi

***Diospyros kaki* L.**
Phomopsis mali

***Diplotaxis tenuifolia* (L.) DC.**
Albugo candida

***Dittrichia viscosa* (L.) Greuter**
Coleosporium sonchi

***Dolichos* sp.**
Uromyces appendiculatus

Dung, asinine
Cercophora coprophila

Dung, bovine
Ascobolus furfuraceus
Dichlaena bovina
Saccobolus glaber
Schizothecium conicum
Sordaria fimicola

Sporormiella minima

Dung, equine
Aspergillus stercoreus
Lasiobolus pulcherrimus
Phycomyces nitens
Pilobolus crystallinus
Sporormiella lageniformis

Dung, goat
Chaetomium elatum

Dung, human
Sordaria humana

***Duvalius siculus* Baudi**
Rhachomyces stipitatus

Dyschirius rugicollis
Fairm.
Misgomyces dyschirii

***Elaeagnus angustifolia* L.**
Septoria elaeagni

***Emex spinosa* (L.) Campd.**
Puccinia phragmitis

***Equisetum palustre* L.**
Phragmonaevia laetissima

***Equisetum* sp.**
Stamnaria persoonii

Eriobotrya japonica
(Thunb.) Lindley
Cladosporium eriobotryae
Cladosporium herbarum
Coryneum eriobotryae
Mycosphaerella laburni var.
eriobotryae
Phoma eriobotryae
Phyllosticta fusiformis
Pleospora herbarum
Spilocaea pyracanthae

***Eryngium campestre* L.**
Puccinia eryngii
Puccinia pimpinellae

***Erysimum cheiri* (L.) Crantz**

Cercospora cheiranthi
Peronospora parasitica
Pleospora herbarum
Septoria cheiranthi

***Erysimum* sp.**

Albugo candida

***Erythrina* sp.**

Lecanidion atratum

***Euchlaena mexicana* Schrader**

Ustilago maydis

***Euonymus europaeus* L.**

Metadiplodia ramulicola
Phyllosticta evonymella
Pleospora herbarum

***Euonymus japonicus* L.**

Oidium erysiphoides
Oidium euonymi-japonici
Phoma leucostigma
Phyllosticta bolleana

***Euonymus* sp.**

Septoria evonymella

***Euphorbia bivonae* Steudel**

Melampsora helioscopiae

***Euphorbia chamaesyce* L.**

Uromyces proeminens

***Euphorbia characias* L.**

Melampsora gelmii
Melampsora helioscopiae

***Euphorbia cyparissias* L.**

Melampsora helioscopiae
Phoma herbarum
Pleospora herbarum

***Euphorbia dendroides* L.**

Clypeosphaeria euphorbiacea
Cytospora tithymalina
Melampsora gelmii
Metasphaeria sacculus

***Euphorbia helioscopia* L.**

Melampsora helioscopiae

***Euphorbia heterophylla* L.**

Gloeosporium intermedium var.
poinsettiae

***Euphorbia palustris* L.**

Melampsora helioscopiae

***Euphorbia peplus* L.**

Melampsora helioscopiae

Euphorbia pulcherrima

Willd. ex Klotzsch
Verticillium dahliae

***Euphorbia terracina* L.**

Uromyces pisi

***Euphorbia* sp.**

Melampsora helioscopiae
Uromyces pisi

***Fatsia papyrifera* Benth. & Hook.**

Diatrypella nitschkei

***Fedia cornucopiae* (L.)**

Gaertner
Aecidium valerianellae
Erysiphe martii
Peronospora valerianellae
Puccinia gladioli

***Feijoa* sp.**

Phytophthora cactorum
Phytophthora citricola

Fennel vide *Foeniculum vulgare****Ferula communis* L.**

Aecidium ferulae
Pleospora herbarum
Puccinia ferulae
Uromyces graminis

***Ficus benamina* L.**

Cerotelium fici

Ficus carica L.
Botryotinia fuckeliana
Botrytis cinerea
Capnodium salicinum
Cercospora bolleana
Cerotelium fici
Diaporthe cinerascens
Diplodia syncina
Gloeosporium fructigenum
Trichosporum fici

Ficus elastica Roxb.
Capnodium salicinum
Scopulariopsis brevicaulis

Ficus rubiginosa Desf.
Capnodium salicinum

Fly
Entomophthora muscae
Saprolegnia ferax

Flower
Mucor mucedo

Foeniculum vulgare Miller
Microdiplodia perpusilla
Sclerotinia sclerotiorum

Fragaria vesca L.
Mycosphaerella fragariae
Ramularia tulasnei
Trichothecium roseum

Fraxinus excelsior L.
Cercospora fraxini
Phyllactinia guttata

Fraxinus ornus L.
Phyllactinia guttata
Scolicotrichum fraxini

Fruit
Aspergillus glaucus
Eurotium herbariorum
Pseudodiplodia ruitaeicola

Fuchsia magellanica Lam.
Septoria fuchsiae

Fumaria capreolata L.
Peronospora affinis

Fumaria officinalis L.
Peronospora affinis

Fumarole
Alternaria alternata
Aspergillus awamori
Aspergillus ustus
Botryotinia fuckeliana
Botrytis cinerea
Chaetomium cellulolyticum
Cladosporium cladosporioides
Curvularia lunata
Penicillium restrictum
Penicillium verruculosum
Rhizopus nigricans
Scolecobasidium constrictum
Scytalidium thermophilum
Torula terrestris
Trichoderma konigii
Trichoderma pseudokonigii
Trichoderma saturnisporum

Gerbera sp.
Cylindrocarpon obtusisporum
Erysiphe cichoracearum var.
cichoracearum
Sclerotinia sclerotiorum

Gladiolus italicus Miller
Aecidium valerianellae
Puccinia gladioli
Puccinia gladioli var. *macrospora*
Septoria gladioli

Glycyrrhiza glabra L.
Uromyces glycyrrhizae

Gomphocarpus fruticosus
 (L.) Aiton
Capnodium salicinum

Gramineae gen./sp.
Claviceps purpurea
Diaporthe arctii
Leptosphaeria culmifraga
Mucilago crustacea

Ophiosphaerella herpotricha
Pleospora scrophulariae
Spaeropsis graminum

Grape vide *Vitis vinifera*

Grape-stone
Aspergillus niger
Macrophoma reniformis

Grass vide *Gramineae* gen./sp.

Gypsophila arrostii Guss.
Mycosphaerella gypsophilae

Hebe xandersonii (Lindley &
 Paxton) Cookayne
Verticillium dahliae

Hedera helix L.
Asteromella hederæ
Coleophoma cylindrospora
Colletotrichum trichellum
Diplodia hederæ
Hypomyces rosellus
Mycosphaerella hedericola
Phoma hedericola
Phoma helicis
Phyllosticta concentrica
Septoria hederæ

Hedysarum coronarium L.
Diachora onobrychidis
Erysiphe polygoni
Trichothecium roseum

Hedysarum sp.
Erysiphe communis

Heliotropium bocconeii Guss.
Cercospora heliotopi-bocconii

Herb
Endogone macrocarpa

Hibiscus manihot L.
Macrophoma hibisci

Hippeastrum equestre Herb.
Colletotrichum dematium

Hiraea sp.
Gloeosporium intermedium var.
hiraeae

Hordeum distichum L.
Ustilago hordei

Hordeum vulgare L.
Cladosporium herbarum
Ustilago hordei

Hordeum sp.
Blumeria graminis
Rhynchosporium secalis

Hoya australis R. Br.
Septoria hoyae

Hydrocotyle ranunculoides
 L. fil.
Puccinia hydrocotyles

Hymenocarpos circinnatus
 (L.) Savi
Uromyces anthyllidis

Hyoscyamus sp.
Pleospora herbarum

Hypericum tetrapterum Fr.
Melampsora hypericorum

Hypericum sp.
Melampsora hypericorum

Hypoxylon bifrons Biv.-
 Bern.
Sphaerellopsis filum

Imperata cylindrica (L.)
 Pal. Beauv.
Sphaecelotheca schweinfurthiana

Iris germanica L.
Mycosphaerella macrospora
Trematosphaeria heterospora
Trichothecium roseum

Jasminum sp.
Colletotrichum gloeosporioides

***Juglans regia* L.**
Eutypa ludibunda
Fusicoccum juglandis
Marssonina juglandis
Phytophthora cambivora

***Juncus acutus* L.**
Mycosphaerella praeparva
Pleospora junci

***Lactuca sativa* L.**
Bremia lactucae
Puccinia prenanthis

***Lactuca serriola* L.**
Puccinia prenanthis

***Lactuceae* gen./sp.**
Synchytrium taraxaci

***Lagenaria siceraria* (Molina)**
 Standley
Alternaria alternata
Colletotrichum orbiculare
Fusarium heterosporum
Macrosporium lagenariae
Phoma lagenicola

***Lagurus ovatus* L.**
Alternaria alternata
Macrosporium commune

***Lamium amplexicaule* L.**
Peronospora lamii

Lapillus
Riccoa aetnensis

***Lathyrus clymenum* L.**
Diachora onobrychidis
Erysiphe martii
Uromyces pisi

***Lathyrus grandiflorus* Sm.**
Diachora onobrychidis

***Lathyrus odoratus* L.**
Peronospora viciae

***Lathyrus* sp.**
Ascochyta pisi
Erysiphe communis
Uromyces fabae
Uromyces pisi
Uromyces viciae-fabae

***Lavatera trimestris* L.**
Puccinia malvacearum

Leaf
Aspergillus flavus
Aspergillus glaucus
Eurotium herbariorum
Fuligo septica
Mucor mucedo
Rhizopus nigricans
Spilocaea pyracanthae

Lemon vide *Citrus limon*

***Lens culinaris* Medicus**
Uromyces fabae

Lentil vide *Lens culinaris*

***Leopoldia comosa* (L.) Parl.**
Uromyces muscari
Ustilago vaillantii

***Lilium candidum* L.**
Diplodia hederarum

***Lilium martagon* L.**
Pleospora herbarum

Limonium narbonense
 Miller
Erysiphe communis
Pleospora herbarum
Uromyces limonii

***Limonium* sp.**
Uromyces limonii

***Linum usitatissimum* L.**
Melampsora lini

Log
Didymium megalosporum

Lonicera caprifolium* L.Microsphaera loniceræ* var.*loniceræ**Phyllosticta caprifolii****Lonicera implexa* Aiton***Capnodium salicinum**Microsphaera penicillata**Pleospora herbarum****Lotus edulis* L.***Sclerotium lotorum**Uromyces anthyllidis**Uromyces striatus****Lotus ornithopodioides* L.***Sclerotium lotorum**Uromyces anthyllidis**Uromyces striatus****Lotus* sp.***Uromyces anthyllidis**Uromyces striatus****Lupinus albus* L.***Uromyces lupini****Lupinus angustifolius* L.***Erysiphe maritii****Lycium europaeum* L.***Oidium erysipoides****Lycopersicon esculentum***

Miller

*Alternaria solani**Ascochyta lycopersici**Aspergillus candidus**Botryotinia fuckeliana**Botrytis cinerea**Fusarium oxysporum**Leivellula taurica**Phoma destructiva**Phytophthora infestans**Phythium debaryanum**Pyrenochaeta lycopersici**Septoria lycopersici**Thielavia basicola**Verticillium albo-atrum****Magnolia grandiflora* L.***Alternaria alternata**Ascochyta magnoliae**Cladosporium herbarum**Hendersonia magnoliae**Phyllosticta magnoliae**Pleospora herbarum****Mahonia aquifolium***

(Pursh) Nutt.

Phoma mahoniana var. *sicula**Pleospora herbarum**Septoria mahoniae****Malus domestica* Borkh.***Monilia fructigena**Venturia pirina****Malva nicaeensis* All.***Puccinia malvacearum****Malva pusilla* Sm.***Puccinia malvacearum****Malva sylvestris* L.***Ascochyta malvicola**Puccinia malvacearum***Man***Wallemia sebi****Matricaria chamomilla* L.***Peronospora leptosperma****Medicago lupulina* L.***Pseudopeziza medicaginis****Medicago orbicularis* (L.)**

Bartal.

*Sclerotium medicaginum****Medicago sativa* L.***Pseudopeziza medicaginis****Medicago* sp.***Erysiphe communis**Peronospora trifoliorum*

Melilotus sulcatus* Desf.Peronospora trifoliorum**Pseudopeziza medicaginis****Melilotus* sp.***Peronospora trifoliorum****Mentha aquatica* L.***Puccinia menthae****Mentha longifolia* (L.) Hudson***Puccinia menthae****Mercurialis annua* L.***Cercospora mercurialis**Melampsora populina****Mespilus germanica* L.***Vermicularia grandis****Mespilus* sp.***Nitschkia cupularis**Phyllactinia guttata****Morus alba* L.***Capnodium salicinum****Morus nigra* L.***Asteromella bacillaris**Capnodium salicinum**Phloeospora maculans****Morus* sp.***Haplosporella moricola**Mycosphaerella mori**Sphaeropsis mori***Moss***Humaria hemisphaerica**Leotia lubrica**Neottiella rutilans**Trichoglossum hirsutum***Mould***Xylaria corniformis***Mulberry-tree vide *Morus* sp.*****Myrtus communis* L.***Cercospora saccardiana****Myosotis scorpioides* L.***Entyloma fergussonii****Narcissus* sp.***Sclerotium ambiguum* var.*narcissi****Nastus borbonicus* Gmelin***Papularia arundinis****Nepeta nepetella* L.***Puccinia menthae****Nepeta* sp.***Puccinia menthae****Nerium oleander* L.***Ascochyta oleandri**Capnodium salicinum**Colletotrichum gloeosporioides**Phyllosticta nerii**Pseudocercospora neriella**Septoria oleandrina****Nicotiana tabacum* L.***Ascochyta nicotianae**Capnodium salicinum**Epicoccum purpurascens**Guignardia marii**Macrosporium commune**Phyllosticta tabaci**Oidium tabaci**Phyllosticta capsulicola****Ocimum basilicum* L.***Fusarium oxysporum****Oidium erysiphoides* Fr.***Amelomyces quisqualis****Olea europaea* L.***Amphisphaeria perpusilla**Arcyria denudata**Ascochyta oleae**Aulographum hederarum**Botryodiplodia sydowniana**Capnodium salicinum**Cercospora cladosporioides**Ceuthospora phacicioides* var.*oleae*

Chaetosphaeria pulviscula
Coleophoma oleae
Colletotrichum gloeosporioides
Cytospora oleina
Dactylospora stygia
Durella oleae
Emericella erythrospora
Hysterium pulicare
Hysterographium baccarinii
Hysterographium grammodes
Lachnum rubiginosa
Leivellula taurica
Macrophoma dalmatica
Penicillium expansum
Pezizella elaeina
Phoma incompta
Phoma pallens
Phyllactinia guttata
Propolis panizzei
Spilocaea oleaginea
Stegonsporium chlorinum
Teichospora oleicola
Trichothecium roseum
Valsa mediterranea
Verticillium albo-atrum
Xylaria sicula

Olive vide *Olea europaea*

Onobrychis sp.
Uromyces onobrychidis
Uromyces punctatus

Ophonus sp.
Laboulbenia ophoni

Opopanax chironium (L.) Koch
Puccinia opopanax

Opuntia ficus-indica (L.) Miller
Aposphaeria fibrisequa
Ascochyta opuntiae
Botryosphaeria dothidea
Botryotinia fuckeliana
Botrytis cinerea
Diplodia opuntiae
Fusarium oxysporum
Lecanidion atratum
Myiocopron licatense
Phyllosticta opuntiae

Phytophthora nicotianae var.
nicotianae

Orange-tree vide *Citrus sinensis*

Organic matter
Penicillium expansum

Paederus longipennis
 Erichs.
Laboulbenia cristata

Paeonia corallina Retz.
Macrophoma paeoniae

Pale
Valsaria cariei

Pallenis spinosa (L.) Cass.
Pleospora herbarum

Panicum sp.
Phyllachora graminis

Papaver rhoeas L.
Peronospora arborescens

Paper
Chaetomium elatum
Chaetomium globosum

Paratropia sp.
Phyllosticta paratropiae

Parietaria judaica L.
Ramularia parietariae

Parietaria officinalis L.
Ramularia parietariae

Paxillus involutus (Batsch)
 Fr.
Penicillium expansum

Pea vide *Pisum sativum*

Pear vide *Pyrus communis*

***Pelargonium* sp.**
Botryotinia fuckeliana
Botrytis cinerea

Peperomia obtusifolia
 Dietr.
Verticillium dahliae

***Periploca* sp.**
Melaspilea opegraphoides

***Petroselinum sativum* Hoffm.**
Cercospora apii var. *petroselini*
Plasmopara nivea
Septoria apicola

***Phalaris* sp.**
Blumeria graminis
Puccinia sessilis

***Phaseolus vulgaris* L.**
Colletotrichum lindemuthianum
Oidium tuckeri
Pleospora herbarum
Uromyces appendiculatus
Uromyces fabae

***Phillyrea latifolia* L.**
Zaghouania phillyreae

***Phlomis fruticosa* L.**
Puccinia phlomidis

***Phoenix dactylifera* L.**
Amphisphaeria smaragdina
Anthostomella contaminans
Coniothyrium palmarum
Diplodia sicula
Graphiola phoenicis

***Phragmites australis* (Cavara)**
 Trin.
Arthrinium phaeospermum
Didymosphaeria minuta
Leptosphaeria arundinacea
Lophodermium arundinaceum
Papularia arundinis
Puccinia phragmitis
Sphaerellopsis filum

***Pimpinella peregrina* L.**
Puccinia pimpinellae

***Pimpinella trragium* Vill.**
Puccinia pimpinellae

***Pinus laricio* Poiret**
Fusarium oxysporum

***Pinus pinea* L.**
Lophodermium pinastri

***Pinus* sp.**
Valsa strobis

Pistachio vide *Pistacia vera*

***Pistacia terebinthus* L.**
Cenangium vagabundum
Cytospora terebinthi
Phyllosticta terebinthi
Uromyces terebinthi

***Pistacia vera* L.**
Alternaria alternata
Botryodiplodia pistaciae
Melampsora pistaciae
Mycosphaerella pistacina
Pestalotia breviseta
Pleospora montemartinii
Septogloeum pistaciae
Septoria pistaciae

***Pisum sativum* L.**
Ascochyta pisi
Erysiphe martii
Peronospora viciae
Phoma medicaginis var.
medicaginis

***Pisum sativum* L. var.**
arvense (L.) Gams
Uromyces viciae-fabae

***Pisum* sp.**
Erysiphe communis

Plant
Aspergillus glaucus

Eurotium herbariorum

Plantago psyllium L.
Sphaerotheca castagnei

Plantago sp.
Sphaerotheca castagnei

Platanus orientalis L.
Ceratocystis fimbriata
Discula umbrinella
Massaria platani
Microsphaera platani
Stigmata platani

Poa bulbosa L.
Puccinia poarum

Poncirus trifoliata Rafin. x
Citrus sinensis (L.) Osbeck
Phoma tracheiphila
Sclerotinia sclerotiorum

Populus alba L.
Melampsora populina

Populus nigra L.
Melampsora populina
Septoria populi
Sphaerellopsis filum
Hypoxyton bifrons
Taphrina populina

Populus tremuloides Michx.
Phoma putator

Porotachys bisulcatus Nicolaj
Laboulbenia picardi

Portulaca oleracea L.
Albugo portulacae
Phyllosticta portulacae

Posidonia oceanica (L.) Delile
Amphisphaeria posidoniae

Potato vide *Solanum tuberosum*

Prunus armeniaca L.
Aecidium punctatum
Podosphaera tridactyla
Tranzschelia pruni-spinosae

Prunus cerasus L.
Cercospora cerasella
Monilia fructigena

Prunus domestica L.
Aecidium punctatum
Monilia fructigena
Monilia laxa
Monilinia laxa
Polystigmata rubra
Taphrina pruni
Tranzschelia pruni-spinosae

Prunus domestica L.
subsp. *insititia* (L.) C.
K. Schneider
Taphrina pruni

Prunus dulcis (Miller) D. A.
Webb
Aecidium punctatum
Cercospora cerasella
Cytospora leucostoma
Eutypella prunastri
Fusicladium carpophilum
Lasiodiplodia theobromae
Monilia laxa
Monilinia laxa
Phoma pomorum
Phomopsis amygdalina
Polystigma ochraceum
Polystigmata rubra
Rosellinia necatrix
Stigmata carpophila
Taphrina deformans
Tranzschelia discolor
Tranzschelia pruni-spinosae

Prunus persica (L.) Batsch
Aecidium punctatum
Caryospora putaminum
Coniothyrium insitivum
Monilia fructigena
Monilia laxa
Monilinia laxa

Oidium leucoconium
Oidium tuckeri
Phyllosticta persicae
Puccinia cerasi
Rosellinia necatrix
Sphaerotheca pannosa
Taphrina deformans
Tranzschelia pruni-spinosae

Prunus spinosa L.
Taphrina pruni

Prunus sp.
Cytospora microstoma
Nitschkia cupularis

Puccinia convolvuli Biv.-Bern.
Sphaerellopsis filum

Puccinia phragmitis
 (Schumacher) Koern.
Sphaerellopsis filum

Puccinia tanacetii DC.
Sphaerellopsis filum

Pumpkin vide *Cucurbita pepo*

Punica granatum L.
Cytospora punicae
Dinemasporium cytosporoides
Glonium lineare

Pyrus communis L.
Cylindrocarpon heteronemum
Dinemasporium pulvis-pyrus
Diplodia pseudo-diplodia
Hysterium angustatum
Leptosphaeria vagabunda
Monilia fructigena
Penicillium expansum
Phyllactinia guttata
Septoria pyricola
Trabutia quercina
Venturia inaequalis
Venturia pirina

Quercus ilex L.
Asteromella quercifolii
Cladosporium gracile

Coniothecium phyllophylum
Cryptostictis ilicina
Cylindrium elongatum
Hymenoscyphus fructigenus
Hypoxylon mediterraneum
Seimatosporium lichenicola
Septoria dryophila
Sphaceloma quercus-ilicis
Stigmina carpophila

Quercus petraea (Mattuschka)
 Liebl.
Microsphaera quercina

Quercus pubescens Willd.
Discula umbrinella
Hypoxylon mediterraneum
Penicillium expansum
Taphrina caerulescens

Quercus robur L.
Marssonina matteiana
Microsphaera alphitoides
Mycosphaerella punctiformis
Oidium quercinum
Phyllosticta maculiformis

Quercus suber L.
Diplodia mutila

Quercus sp.
Aposphaeria labens
Diplodia mutila
Dothiorella fructicola
Lophodermium maculare
Microsphaera alphitoides
Microsphaera quercina
Microthyrium microscopicum
Phomopsis quercina
Rosellinia necatrix
Trabutia quercina

Ranunculus ficaria L.
Peronospora ficariae
Uromyces dactylidis

Ranunculus velutinus
 Ten.
Uromyces dactylidis

***Reseda alba* L.**
Cercospora resedae

***Reseda lutea* L.**
Cercospora resedae

***Rhamnus alaternus* L.**
Puccinia coronata

***Rhus coriaria* L.**
Leptotrichum glaucum

***Ribes* sp.**
Nectria cinnabarina
Tubercularia vulgaris

***Ricinus communis* L.**
Melampsora ricini

***Robinia pseudoacacia* L.**
Camarosporium robiniae

***Rosa canina* L.**
Phragmidium rosae -
pimpinellifoliae

***Rosa sempervirens* L.**
Leptosphaeria coniothyrium
Phragmidium rosae -
pimpinellifoliae

***Rosa* sp.**
Cenangium vagabundum
Oidium leucoconium
Phoma aculeorum
Phomopsis incarcerationa
Phragmidium rosae-pimpinellifoliae
Sphaerotheca pannosa

***Rosmarinus officinalis* L.**
Fuligo cinerea

***Rostraria phleoides* (Desf.)**
Holub
Puccinia striiformis

***Rubia peregrina* L.**
Pleospora herbarum

***Rubus candicans* Weihe**
Cercospora rosicola
Phoma vespris
Seimatosporium lichenicola

***Rubus fruticosus* L.**
Anthostomella appendiculosa
Cercopsora rubi
Metasphaeria clypeosphaerioides
Phragmidium bulbosum
Phragmidium violaceum
Rosellinia mammiformis
Septoria rubi

***Rubus ulmifolius* Schott**
Diplodia segapelii

***Rubus* sp.**
Cenangium vagabundum
Cryptovalsa rubi
Cytospora ambiens
Graphium passerinii
Lecanidion atratum
Leptosphaeria vagabunda
Phragmidium rubi-idaei
Sacothecium sepincola
Valsa ambiens

***Rumex acetosa* L.**
Puccinia acetosae
Ramularia pratensis
Uromyces rumicis

Rumex conglomeratus
Murray
Uromyces rumicis

Rumex hydrolapathum
Hudson
Puccinia phragmitis

***Rumex* sp.**
Peronospora rumicis
Phoma herbarum
Puccinia phragmitis
Uromyces rumicis

***Ruscus aculeatus* L.**
Phaeosphaeria rusci
Phyllosticta hippoglossi

Phyllosticta ruscicola

Ruta chalepensis L.
Pleospora herbarum

Salix purpurea L.
Cytospora salicis

Salix triandra L.
Oidium tuckeri

Sambucus ebulus L.
Didymella applanata

Sambucus nigra L.
Cercospora depazeoides
Cercospora ticinensis
Diaporthe circumscripta
Fusicoccum sambucicolum
Pleospora herbarum
Trichothecium roseum

Sambucus sp.
Chaetomium elatum

Sand
Alternaria alternata
Arthroderma benhamiae
Arthroderma quadrifidum
Arthroderma tuberculatum
Aspergillus niger
Botryotricum piluliferum
Chrysosporium asperatum
Chrysosporium evolceanui
Chrysosporium keratinophilum
Chrysosporium tropicum
Microsporum gypseum
Microsporum vanbreuseghemii
Paecilomyces liliacinus
Trichophyton terrestre

Sanguisorba minor Scop.
Phragmidium sanguisorbae

Sanguisorba minor Scop.
 subsp. minor
Rhabdospora poterii

Saponaria officinalis L.
Ustilago violacea

Satureja sp.
Heterosphaeria patella

Scabiosa sp.
Septoria scabiosicola

Sclerotia
Botryotinia fuckeliana

Scolymus grandiflorus
Desf.
Puccinia hieracii

Scrophularia canina L.
Erysiphe cichoracearum var.
 cichoracearum

Scrophularia peregrina L.
Pleospora herbarum

Scrophularia sp.
Hymenoscyphus herbarum

Secale cereale L.
Fusarium heterosporum
Phoma lophiostomatoides
Urocystis occulta

Secale sp.
Puccinia graminis

Sedum dasyphyllum L.
Puccinia sedi

Semele androgyna Kunth
Ascochyta semeles

Senecio aetnensis DC.
Rhabdospora senecionis
 aetnensis

Senecio vulgaris L.
Bremia lactucae
Coleosporium senecionis
Erysiphe cichoracearum var.
 cichoracearum

Senecio sp.*Erysiphe communis***Severinia buxifolia** (Poiret)

Ten.

*Phoma tracheiphila***Silene italica** (L.) Pers.*Pleospora herbarum***Silene coronaria** (L.) Clairv.*Peronospora dianthi***Silene vulgaris** (Moench) Garcke*Macrosporium commune**Puccinia silenes**Uromyces behenis**Ustilago violacea***Sisymbrium sp.***Albugo candida***Smilax aspera** L.*Cercospora smilacina**Leptosphaeria aetnensis**Myiocopron smilacis**Phoma smilacis**Pleospora herbarum**Septoria smilacina***Smyrniolum olusatrum** L.*Aegerita parasitica**Asteroma ceramiodides**Puccinia bulbocastani***Smyrniolum perfoliatum** L.*Puccinia smyrnii***Soil***Acremonium potronii**Alternaria alternata**Aspergillus alutaceus**Aspergillus fresenii**Aspergillus fumigatus**Aspergillus niger**Aspergillus ustus**Aspergillus versicolor**Botryotricum piluliferum**Cladosporium cladosporioides**Coniothyrium fuckeli**Cylindrocarpon destructans**Cylindrocarpon didymum**Dendrodochium rubellum**Elaphomyces citrinus**Eurotium chevalieri* var.
*intermedium**Fusarium concolor**Fusarium dimerum**Fusarium equiseti**Fusarium lateritium**Fusarium oxysporum**Fusarium oxysporum* var.
*redolens**Fusarium semitectum**Fusarium solani**Fusarium solani* var. *coeruleum**Fusarium sulphureum**Gibberella baccata**Microascus trigonosporus**Mortierella alpina**Mucor hiemalis**Myrothecium cinctum**Myrothecium roridum**Nectria inventa**Paecilomyces liliacinum**Penicillium brevicompactum**Penicillium chrysogenum**Penicillium digitatum**Penicillium diversum**Penicillium italicum**Penicillium jensenii**Phytophthora cactorum**Phytophthora citricola**Phytophthora citrophthora**Phytophthora hibernalis**Phytophthora nicotianae* var.
*parasitica**Phytophthora syringae**Rhizopus nigricans**Rhizoctonia solani**Scolecobasidium tshawytschae**Scopulariopsis brumptii**Scopulariopsis croci**Staphylotrichum coccosporum**Thielavia hyrcania**Thielaviopsis basicola**Trichoderma konigii**Trichothecium harzianum*

Volutella ciliata

***Solanum melongena* L.**

Leivellula taurica

Phyllosticta hortorum

Phytophthora infestans

Verticillium albo-atrum

***Solanum nigrum* L.**

Oidium tuckeri

Septoria solani-nigrir

***Solanum tuberosum* L.**

Fusarium solani

Phytophthora infestans

Spongospora subterranea

Verticillium albo-atrum

***Sonchus arvensis* L.**

Coelosporium sonchi

Puccinia sonchi

***Sonchus asper* (L.) Miller**

Bremia lactucae

***Sonchus oleraceus* L.**

Bremia lactucae

Oidium crystallinum

Phyllosticta sonchi

***Sonchus* sp.**

Bremia lactucae

***Sorghum halepense* (L.) Pers.**

Puccinia purpurea

Sporisorium sorghi

***Spartium junceum* L.**

Anthostomella spartii

Dothiorella spartiicola

Macrophoma juncei

Metasphaeria spartii

Ophiobolus fruticum

Physalospora euganea

Phoma spartiicola

Spider

Engyodontium aranearum

Spike

Trichothecium roseum

***Spiraea* sp.**

Metadiplodia spiraeina

Stake

Nectria coccinea

Starch paste

Mucor racemosus

Stem

Chaetomium globosum

Hymenoscyphus herbarum

Phoma herbarum

***Strelitzia reginae* Aiton**

Cylindrocarpon destructans

***Suaeda maritima* (L.)**

Dumort.

Uromyces chenopodi

***Symphytum tuberosum* L.**

Entyloma serotinum

***Syringa vulgaris* L.**

Fusarium sambucinum

***Tamarix gallica* L.**

Physalospora gregaria

***Tanacetum vulgare* L.**

Puccinia tanacetii

Tetragonolobus purpureus

Moench

Sclerotium lotorum

***Teucrium fruticans* L.**

Phyllosticta teucrii

Puccinia annularis

Thalictrum aquilegiifolium

L.

Tranzschelia thalictri

***Thapsia garganica* L.**

Hypoderma commune

Pleospora scrophulariae

Puccinia pimpinellae

Synchytrium globosum

Tobacco vide *Nicotiana
tabacum*

Tomato vide *Lycopersicon
esculentum*

Trifolium hybridum L.
Didymella trifoliorum
Pseudopeziza trifolii

Trifolium pratense L.
Uromyces trifolii

Trifolium repens L.
Septoria trifolii

Trifolium resupinatum L.
Polythrincium trifolii

Trifolium stellatum L.
Phyllachora trifolii

Trifolium sp.
Erysiphe communis
Peronospora trifoliorum
Pseudopeziza trifolii
Uromyces trifolii

Triticum durum Desf.
Aecidium clematidis
Cladosporium herbarum
Puccinia recondita
Puccinia striiformis
Pyrenophora relicina
Sclerospora graminicola
Septoria tritici
Sphaerellopsis filum
Tilletia caries
Tilletia intermedia
Tilletia laevis
Tilletia triticoidea
Urocystis occulta
Ustilago segetum
Ustilago tritici

Triticum sp.
Blumeria graminis
Fusarium heterosporum

Leptosphaeria nodorum
Ophiosphaerella herpotricha
Puccinia graminis
Septoria graminum

Trunk
Stemonitis fusca

Twig
Fuligo cinerea
Mucilago crustacea
Rosellinia aquila
Typha latifolia L.
Phaeosphaeria licatensis

Typhoides arundinacea (L.)
Moench
Puccinia coronata
Puccinia sessilis

Ulmus glabra Hudson
Phloeospora ulmi

Ulmus minor Miller
Hypoderma aurantii
Phyllactinia guttata
Puccinia ulmi
Stigmima platani
Uncinula clandestina var. *clandestina*

Ulmus sp.
Ceratocystis ulmi
Pesotum ulmi

Umbelliferae gen./sp.
Puccinia longipes var. *longipes*

Umbilicus horizontalis
(Guss.) DC.
Pleospora herbarum

Untilled land
Trichoglossum hirsutum

Urginea maritima (L.) Baker
Pleospora herbarum
Septoria urginiae

***Urospermum dalechampii* (L.)**

Schmidt

*Puccinia urospermi****Urospermum picroides* (L.)**

Schmidt

*Puccinia urospermi****Urtica urens* L.***Pseudoperonospora urticae****Urtica* sp.***Septocylindrium urticae**Septoria urticae****Valerianella eriocarpa* Desv.***Aecidium valerianellae**Puccinia gladioli****Valerianella locusta* (L.)**

Laterrade

*Aecidium valerianellae**Puccinia gladioli****Vanilla planifolia* Andrews***Colletotrichum vanillae****Viburnum tinus* L.***Pleospora herbarum****Vicia faba* L.***Ascochyta pisi**Sclerotinia sclerotiorum**Sclerotinia trifoliorum**Septocylindrium virens**Uromyces fabae**Uromyces viciae-fabae****Vigna* sp.***Uromyces appendiculatus***Vine***Fusarium oxysporum**Glonium lineare**Guignardia bidwellii**Leptosphaeria gibelliana**Phomopsis viticola**Platystomum compressum**Trichothecium domesticum***Vine-shoot***Sphaceloma ampelinum****Viola calcarata* L.***Oidium acutum****Viola odorata* L.***Cercospora violae**Puccinia violae**Ramularia lactea****Vitis rupestris* Scheele***Plasmopara viticola****Vitis vinifera* L.***Alternaria vitis**Aspergillus flavus**Aspergillus ustus**Botryotinia fuckeliana**Botrytis cinerea**Capnodium salicinum**Coniella diplodiella**Cylindrocarpon destructans**Cylindrocarpon obtusisporum**Cytospora vitis**Didymosphaeria bacchans**Diplodia vineae**Diplodia viticola**Dothiorella reniformis**Dothiorella rimiseda**Elsinoë ampelina**Fusarium avenaceum**Haplosporella fabiformis**Hendersonia sarmentorum**Hysterium pulicare**Lecanidion atratum**Macrophoma sicula**Metasphaeria socia**Oidium tuckeri**Pestalotia sarmentii**Phoma vitis**Plasmopara viticola**Pseudocercospora vitis**Rosellinia necatrix**Septoria ampelina**Sphaceloma ampelinum**Sphaeropsis peckiana**Triblidium rophalascum**Uncinula necator* var. *necator**Valsa vitis*

Volcanic soil

Arthroderma quadrifidum
Auxarthron thaxteri
Botryotricum piluliferum
Chrysosporium asperatum
Chrysosporium evolceanui
Chrysosporium keratinophilum
Chrysosporium pannorum
Chrysosporium pruinatum
Chrysosporium tropicum
Gymnoascus umbrinum
Microsporum cookei
Nannizzia cajetani
Paecilomyces lilacinus
Trichophyton terrestre
Verticillium chlamydosporium

Walnut-tree vide *Juglans regia*

Wheat vide *Triticum* sp.

Wood

Arcyria ferruginea
Bulgaria inquinans
Dictyosporium toruloides
Eutypa scabrosa
Lecanidion atratum
Licea pusilla
Physarum contextum
Scutellinia hirta
Ustilina deusta

***Xanthium strumarium* L.**
Erysiphe communis

***Zea mays* L.**
Puccinia sorghi
Ustilago maydis

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 - (b) according to Saccardo (1882-1931), *Ascobolus trifolii* = *Pseudodopeziza trifolii*.
 - (c) according to Saccardo (1882-1931), *Trichothecium candidum* = *Hypomyces rosellus*.
 - (d) Saccardo (1882-1931), quoted *T. cibarium* Corda = *T. melanosporum*; *T. cibarium* Sow. = *T. aestivum* and finally *T. cibarium* Corda = *T. mesentericum* that Cannon, P. F. et al. 1985 considered as synonym of *T. aestivum*.
 - (e) according to Saccardo (1882-1931), *C. comatum* var. *helicotrichum* Sacc. = *C. elatum*.
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FUNGUS INDEX

(Names in *italics* are synonyms, accepted names are in normal type)

- Acetabula clypeata*, 38
 Acremonium, 109
 Acremonium potronii, 109
 Acrostalagmus, 109
 Acrostalagmus cinnabarinus, 109
 Actycus, 147
 Actycus siculus, 147
Aecidium bunii, 99
 Aecidium clematidis, 103
 Aecidium cressae, 101
 Aecidium ferulae, 101
Aecidium phlomidis, 102
Aecidium phyllireae, 106
 Aecidium punctatum, 104
Aecidium thapsiae gargaricae, 102
 Aecidium valerianellae, 101
 Aegerita, 109
 Aegerita parasitica, 109
 Agaricus, 62
 Agaricus aegerita, 63
 Agaricus arvensis, 62
 Agaricus angulatus, 79
 Agaricus appendiculatus, 85
 Agaricus applicatus, 71
 Agaricus atrorufus, 85
 Agaricus bertoloni, 62
 Agaricus caesareus, 64
 Agaricus campester, 62
 Agaricus campester var. insignis, 62
 Agaricus campestris, 62
 Agaricus cernuus, 84
 Agaricus citri, 65
 Agaricus clavus, 68
 Agaricus clypeolarius, 77
 Agaricus coffeae, 67
 Agaricus conicus, 63
 Agaricus coronillus, 85
 Agaricus cristatus, 77
 Agaricus cryptarum, 67
 Agaricus cyathiformis, 85
 Agaricus dealbatus, 67
 Agaricus dendroides, 62
 Agaricus disseminatus, 69
 Agaricus dryophillus, 68
 Agaricus elatus, 73
 Agaricus emeticus, 91
 Agaricus eryngii, 55
 Agaricus ephemerus, 69
 Agaricus ericaeus, 76
 Agaricus excoriatus, 79
 Agaricus fascicularis, 76
 Agaricus fastigiatus, 76
 Agaricus ferulae, 55
 Agaricus flabellatus, 56
 Agaricus fragrans, 67
 Agaricus fuliginarius, 74
 Agaricus galericulatus, 81
 Agaricus gemmellari, 55
 Agaricus georgii, 66
 Agaricus gussonii, 68
 Agaricus haemorrhoidarius, 63
 Agaricus infundibuliformis, 67
 Agaricus integrellus, 71
 Agaricus iodosmus, 63
 Agaricus laccatus, 77
 Agaricus lacteus, 74
 Agaricus macrosporus, 63
 Agaricus mappa, 64
 Agaricus melanopus, 54
 Agaricus melleus, 66
 Agaricus mollis, 70
 Agaricus muscarius, 64
 Agaricus neapolitanus, 65
 Agaricus nebrodensis, 55
 Agaricus nudus, 78
 Agaricus olearius, 61
 Agaricus opuntiae, 55
 Agaricus ostreatus, 55
 Agaricus ostreatus var. nigripes, 54
 Agaricus palmarum, 73
 Agaricus pantherinus, 64
 Agaricus papilionaceus, 83

- Agaricus parvulus*, 88
Agaricus perbrevis, 76
Agaricus piopparello, 63
Agaricus placomyces var.
meleagris, 63
Agaricus praecox, 63
Agaricus procerus, 79
Agaricus pubescens, 56
Agaricus puniceus, 75
Agaricus pyxidatus, 82
Agaricus radicans, 63
Agaricus rimosus, 77
Agaricus rusticus, 82
Agaricus septicus, 56
Agaricus silvaticus, 63
Agaricus silvicola, 63
Agaricus sinuatus, 72
Agaricus speciosus, 89
Agaricus strobiliformis, 65
Agaricus tener, 69
Agaricus trechisporus, 76
Agaricus ulmarius, 79
Agaricus vaginatus, 65
Agaricus vaporarius, 63
Agaricus variabilis, 71
Agaricus velutinus, 84
Agaricus velutipes, 72
Agaricus vesuvianus, 82
Agaricus virgineus, 66
Agaricus virosus, 65
Agaricus volvaceus, 89
Agaricus xanthoderma, 63
Agaricus zizyphinus, 61
Agrocybe, 63
Agrocybe aegerita, 63
Agrocybe carelica, 63
Agrocybe dura, 63
Agrocybe praecox, 63
Agrocybe semiorbicularis, 63
Agrocybe vervacti, 64
Albatrellus, 49
Albatrellus ovinus, 49
Albatrellus pes-caprae, 49
Albugo, 9
Albugo amaranthacearum, 9
Albugo bliti, 9
Albugo candida, 9
Albugo capparis, 10
Albugo convolvulacearum, 10
Albugo portulacae, 10
Aleuria, 37
Aleuria aurantia, 37
Aleuria vesiculosa, 40
Allescherina rubi, 46
Alternaria, 109
Alternaria alternata, 109
Alternaria brassicae, 109
Alternaria dianthi, 109
Alternaria solani, 109
Alternaria tenuis, 109
Alternaria vitis, 109
Amanita, 64
Amanita aspera, 64
Amanita baccata, 64
Amanita boudieri, 64
Amanita bulbosa, 65
Amanita caesarea, 64
Amanita carioca, 64
Amanita citrina, 64
Amanita crocea, 64
Amanita excelsa, 64
Amanita gemmata, 64
Amanita inaurata, 64
Amanita lividopallescens, 64
Amanita mairei, 64
Amanita mappa, 64
Amanita muscaria, 64
Amanita ovoidea, 64
Amanita pantherina, 64
Amanita phalloides, 65
Amanita porphyria, 65
Amanita rubescens, 65
Amanita spissa var.
excelsa, 64
Amanita strobiliformis, 65
Amanita umbrinolutes, 65
Amanita vaginata, 65
Amanita vaginata var.
argentea, 64
Amanita vaginata var.
crocea, 64
Amanita vaginata var.

- flavescens*, 65
Amanita vaginata var. *plumbea*, 65
Amanita verna, 65
Amanita virosa, 65
Amanita vittadini, 65
Amanitopsis vaginata, 65
Ampelomyces, 124
Ampelomyces quisqualis, 124
Amphisphaeria, 44
Amphisphaeria perpusilla, 44
Amphisphaeria posidoniae, 44
Amphisphaeria smaragdina, 44
Anellaria, 65
Anellaria semiovata, 65
Anthostoma gastrinum, 46
Anthostomella, 45
Anthostomella appendiculosa, 45
Anthostomella contaminans, 45
Anthostomella spartii, 45
Antromycopsis broussonetiae, 55
Apiospora, 45
Apiospora montagnei, 45
Apiosporium citri, 21
Aposphaeria, 124
Aposphaeria fibricola, 124
Aposphaeria fibrisequa, 124
Aposphaeria labens, 124
Arcyria, 7
Arcyria denudata, 7
Arcyria ferruginea, 7
Arcyria punicea, 7
Armillaria bulbosa, 65
Armillaria caligata, 86
Armillaria citri, 65
Armillaria mellea, 66
Armillaria piopparello, 63
Armillaria tabescens, 66
Armillariella, 65
Armillariella bulbosa, 65
Armillariella citri, 65
Armillariella mellea, 66
Armillariella tabescens, 66
Arthrinium, 109
Arthrinium phaeospermum, 109
Arthroderma, 30
Arthroderma benhamiae, 30
Arthroderma quadrifidum, 30
Arthroderma tuberculatum, 31
Ascobolus, 38
Ascobolus furfuraceus, 38
Ascobolus glaber, 40
Ascobolus purpuraceus, 38
Ascobolus trifolii, 33
Ascochyta, 124
Ascochyta bombycina, 124
Ascochyta buxina, 124
Ascochyta citri, 124
Ascochyta cycadina, 125
Ascochyta hesperidearum, 125
Ascochyta hortorum, 138
Ascochyta lycopersici, 18
Ascochyta magnoliae, 125
Ascochyta malvicola, 125
Ascochyta nicotianae, 125
Ascochyta oleae, 125
Ascochyta oleandri, 125
Ascochyta opuntiae, 125
Ascochyta papyricolae, 125
Ascochyta pisi, 125
Ascochyta rabiei, 18
Ascochyta semeles, 125
Aspergillus, 110
Aspergillus alutaceus, 110
Aspergillus awamori, 110
Aspergillus candidus, 110
Aspergillus flavus, 110
Aspergillus fresenii, 110
Aspergillus fumigatus, 110
Aspergillus giganteus, 110
Aspergillus glaucus, 30
Aspergillus lucknowensis, 110
Aspergillus nidulans, 30
Aspergillus niger, 110
Aspergillus ochraceus, 110
Aspergillus phoenicis, 110
Aspergillus sulphureus, 110
Aspergillus stercoreus, 110
Aspergillus ustus, 110
Aspergillus versicolor, 111
Asteroma, 126
Asteroma antholyzae, 126
Asteroma ceramioides, 126

- Asteroma coryli*, 126
Asteromella, 126
Asteromella bacillaris, 126
Asteromella hederæ, 126
Asteromella quercifolii, 126
Astræus, 95
Astræus hygrometricus, 95
Astræus stellatus, 95
Auerswaldiella, 17
Auerswaldiella chamaeropsis, 17
Aulographum, 17
Aulographum hederæ, 17
Aulographum vagum, 17
Aurantiporus, 49
Aurantiporus croceus, 49
Aureobasidium, 111
Aureobasidium pullulans, 111
Auricularia, 48
Auricularia auricola-judæ, 48
Auricularia mesenterica, 48
Auxarthron, 31
Auxarthron thaxteri, 31
Auxarthron umbrinum, 31
Bakerophoma tracheiphila, 137
Balsamia, 38
Balsamia vulgaris, 38
Bargellinia monospora, 124
Battarraea, 96
Battarraea phalloides, 96
Beltrania, 111
Beltrania rhombica, 111
Bjerkandera, 49
Bjerkandera adusta, 49
Blumeria, 27
Blumeria graminis, 27
Bolbitius, 66
Bolbitius conocephalus, 72
Bolbitius fragilis, 66
Bolbitius vitellinus, 66
Bolbitius vitellinus var. *fragilis*, 66
Boletus, 58
Boletus aereus, 58
Boletus aestivalis, 58
Boletus aetnensis, 58
Boletus bellini, 61
Boletus calopus, 58
Boletus candicans, 58
Boletus castaneus, 60
Boletus caucasicus, 58
Boletus chrysenteron, 62
Boletus conchatus, 54
Boletus cyanescens, 60
Boletus edulis, 58
Boletus erythropus, 58
Boletus fechtneri, 58
Boletus fragrans, 58
Boletus friesii, 58
Boletus fulvidus, 58
Boletus granulatus, 61
Boletus granulatus var. *mediterraneus*, 61
Boletus hispidus, 53
Boletus impolitus, 58
Boletus junquilleus, 58
Boletus lanzi, 58
Boletus lupinus, 58
Boletus luridus, 58
Boletus luteus, 61
Boletus messanensis, 59
Boletus pachypus var. *candicans*, 58
Boletus panormitanus, 59
Boletus pusillus, 59
Boletus queletii, 59
Boletus radicans, 59
Boletus regius, 59
Boletus rhodopurpureus, 59
Boletus rhodoxanthus, 59
Boletus rimosus, 60
Boletus sanguineus, 62
Boletus sardous, 59
Boletus satanas, 59
Boletus sicularius, 59
Boletus subtomentosus, 62
Boletus testaceus, 58
Boletus torosus, 59
Boletus vaccinarius, 62
Botryodiplodia, 126
Botryodiplodia atterrima, 126
Botryodiplodia pistaciae, 126
Botryodiplodia sydowiana, 126
Botryosphaeria, 17

- Botryosphaeria dothidea*, 17
Botryosphaeria ribis, 17
Botryosphaeria stevensi, 17
Botryotinia, 31
Botryotinia fuckeliana, 31
Botryotrichum piluliferum, 43
Botrytis acinorum, 31
Botrytis cinerea, 31
Botrytis vulgaris, 31
Bovista, 94
Bovista aestivalis, 94
Bovista nigrescens, 94
Bovista plumbea, 94
Bremia, 10
Bremia lactucae, 10
Bulgaria, 31
Bulgaria inquinans, 31
Caeoma mercurialis, 98
Caeoma ricini, 98
Calocybe, 66
Calocybe gambosa, 66
Calodon zonatum, 53
Calvatia, 94
Calvatia caelata, 94
Calvatia candida, 94
Calvatia gigantea, 94
Calvatia utriformis, 94
Camarophyllus, 66
Camarophyllus niveus, 66
Camarophyllus russocoriaceus, 66
Camarophyllus virgineus, 66
Camarosporium, 126
Camarosporium robiniae, 126
Cantharellus, 49
Cantharellus amethysteus, 49
Cantharellus aurantiacus, 60
Cantharellus bryophilus, 80
Cantharellus cibarius, 49
Cantharellus cibarius var.
amethysteus, 49
Cantharellus crispus, 56
Cantharellus edulis, 49
Cantharellus friesii, 50
Cantharellus infundibuliformis, 50
Cantharellus lutescens, 50
Cantharellus muscigenus, 78
Cantharellus tubaeformis, 50
Cantharellus turrisei, 50
Capnodium, 17
Capnodium salicinum, 17
Caryospora, 18
Caryospora putaminum, 18
Cenangium, 32
Cenangium vagabundum, 32
Cephalosporium lecanii, 123
Ceratocystis, 37
Ceratocystis fimbriata, 37
Ceratocystis fimbriata fo.
platani, 37
Ceratocystis ulmi, 37
Cercophora, 43
Cercophora coprophila, 43
Cercospora, 111
Cercospora apii, 111
Cercospora apii var.
petroselini, 111
Cercospora beticola, 111
Cercospora bolleana, 111
Cercospora capparis, 111
Cercospora cerasella, 111
Cercospora cheiranthi, 111
Cercospora circumscissa, 111
Cercospora cladosporioides, 111
Cercospora depazeoides, 112
Cercospora fraxini, 112
Cercospora heliotropi-
bocconii, 112
Cercospora mercurialis, 112
Cercospora neriella, 119
Cercospora resedae, 112
Cercospora roscicola, 24
Cercospora rubi, 112
Cercospora saccardiana, 112
Cercospora smilacina, 112
Cercospora ticinensis, 112
Cercospora violae, 112
Cercospora viticola, 23
Ceromyces, 50
Ceromyces siculus, 50
Cerotelium, 97
Cerotelium fici, 97
Ceuthospora phacidioides var.

- oleae, 33
 Chaetomella, 127
 Chaetomella atra, 127
 Chaetomites, 146
 Chaetomites intricatus, 146
 Chaetomium, 43
 Chaetomium cellulolyticum, 43
 Chaetomium comatum var.
 helicotrichum, 43
 Chaetomium elatum, 43
 Chaetomium fieberi, 43
 Chaetomium globosum, 43
 Chaetomium pannosum, 43
 Chaetomium piluliferum, 43
 Chaetosphaeria, 45
 Chaetosphaeria pulviscula, 45
 Chalciaporus, 59
 Chalciaporus piperatus, 59
 Chondrostereum, 50
 Chondrostereum purpureum, 50
 Chroogomphus, 59
 Chroogomphus rutilus, 59
 Chrysosporium, 112
 Chrysosporium asperatum, 112
 Chrysosporium evolceanui, 112
 Chrysosporium keratinophilum, 113
 Chrysosporium pannorum, 113
 Chrysosporium pruinsum, 113
 Chrysosporium tropicum, 113
 Ciboria, 32
 Ciboria subularis, 32
Cicinnobolus cesatii, 124
 Cladosporium, 113
 Cladosporium arthrinoideis, 113
 Cladosporium citri, 145
 Cladosporium cladosporioides, 113
 Cladosporium eriobotryae, 113
 Cladosporium gracile, 113
 Cladosporium herbarum, 113
 Clasterosporium amygdalearum, 122
 Clasterosporium carpophilum, 122
 Clathrus, 93
 Clathrus cancellatus, 93
 Clathrus ruber, 93
 Clavaria, 50
 Clavaria acroporphyrea, 56
 Clavaria amethystina, 50
 Clavaria amethystina b.
 alba, 50
 Clavaria botrytis, 56
 Clavaria cinerea, 50
 Clavaria cristata, 50
 Clavaria cylindrica, 50
 Clavaria flava, 56
 Clavaria muscoides, 50
 Clavaria vermicularis, 50
 Clavariadelphus, 50
 Clavariadelphus pistillaris, 50
 Claviceps, 14
 Claviceps purpurea, 14
 Clavulina, 50
 Clavulina amethystina, 50
 Clavulina cinerea, 50
 Clavulina cristata var.
 subcinerea, 50
 Clavulinopsis, 50
 Clavulinopsis corniculata, 50
 Clitocybe, 66
 Clitocybe ampla, 66
 Clitocybe candicans, 66
 Clitocybe castanica, 66
 Clitocybe cerussata, 66
 Clitocybe coffeata, 67
 Clitocybe costata, 67
 Clitocybe cryptarum, 67
 Clitocybe cyathiformis, 85
 Clitocybe dealbata, 67
 Clitocybe ericetorum, 67
 Clitocybe expallens, 67
 Clitocybe fragrans, 67
 Clitocybe geotropa, 67
 Clitocybe gibba, 67
 Clitocybe hirneola, 85
 Clitocybe infundibuliformis, 65
 Clitocybe inversa, 77
 Clitocybe laccata, 77
 Clitocybe lignatilis, 67
 Clitocybe maxima, 67
 Clitocybe neapolitana, 67
 Clitocybe obsoleta, 67
 Clitocybe odora, 67
 Clitocybe olearia, 61

- Clitocybe phyllophila*, 67
Clitocybe parilis, 85
Clitocybe popinalis, 85
Clitocybe rivulosa, 67
Clitocybe sinopica, 68
Clitocybe suaveolens, 68
Clitocybe tabescens, 66
Clitocybe tuba, 68
Clitopilopsis hirneola, 85
Clitopilus, 68
Clitopilus prunulus, 68
Clypeosphaeria, 45
Clypeosphaeria euphorbiacea, 45
Coelosphaeria cupularis, 44
Coleophoma, 127
Coleophoma cylindrospora, 127
Coleophoma oleae, 127
Coleosporium, 98
Coleosporium inulae, 98
Coleosporium senecionis, 98
Coleosporium sonchi, 98
Coleosporium sonchi-arvensis, 98
Colletotrichum, 127
Colletotrichum capsici, 127
Colletotrichum dematium, 127
Colletotrichum gloeosporioides, 41
Colletotrichum graminicola, 127
Colletotrichum lindemuthianum, 127
Colletotrichum montemartini, 127
Colletotrichum oligochaetum, 127
Colletotrichum orbiculare, 127
Colletotrichum trichellum, 127
Colletotrichum vanillae, 128
Collybia, 68
Collybia acervata, 68
Collybia butyracea, 68
Collybia clavus, 68
Collybia clusilis, 68
Collybia collina, 79
Collybia conigena, 68
Collybia coracina, 86
Collybia dryophila, 68
Collybia fuliginaria, 74
Collybia gussonii, 68
Collybia inolens, 86
Collybia longipes, 82
Collybia macrourea, 82
Collybia marasmioides, 68
Collybia peronata, 68
Collybia semitalis, 79
Collybia velutipes, 72
Coltricia, 51
Coltricia perennis, 51
Colus, 93
Colus hirundinosus, 93
Coniella, 128
Coniella diplodiella, 128
Coniophora, 51
Coniophora puteana, 51
Coniosporium arundinis, 45
Coniosporium bambusae, 45
Coniosporium phaeospermum, 109
Coniothecium, 113
Coniothecium phyllophylum, 113
Coniothyria, 128
Coniothyria agaves, 128
Coniothyrium, 128
Coniothyrium concentricum var. *agaves*, 128
Coniothyrium dasyliirii, 128
Coniothyrium diplodiella, 128
Coniothyrium fuckelii, 23
Coniothyrium insitivum, 128
Coniothyrium palmarum, 128
Coniothyrium prunicolum, 136
Coniothyrium socium, 128
Conocybe, 69
Conocybe pubescens, 69
Conocybe siliginea, 69
Conocybe tenera, 69
Coprinus, 69
Coprinus atramentarius, 69
Coprinus cinereus, 69
Coprinus comatus, 69
Coprinus comatus var. *ovatus*, 69
Coprinus congregatus, 69
Coprinus digitalis, 69
Coprinus disseminatus, 69
Coprinus ephemerus, 69
Coprinus fimetarius, 69
Coprinus hemerobius, 69

- Coprinus micaceus*, 69
Coprinus momentaneus, 69
Coprinus niveus, 69
Coprinus ovatus, 69
Coprinus panormitanus, 70
Coprinus picaceus, 70
Coprinus plicatilis, 70
Coprinus porcellaneus, 69
Coprinus velaris, 70
Coremium, 114
Coremium citrinum, 114
Coremium glaucum, 118
Coriolus pubescens, 57
Coriolus versicolor, 57
Corticium, 51
Corticium adiposum, 51
Corticium calceum, 51
Corticium rimosissimum, 54
Corticium roseum, 51
Corticium sambuci, 53
Corticium solani, 49
Cortinarius, 70
Cortinarius castaneus, 70
Cortinarius collinitus, 70
Cortinarius fulvescens, 70
Cortinarius illibatus, 70
Cortinarius ochroleucus, 70
Cortinarius orellanus, 70
Cortinarius subfulgens, 70
Cortinarius trivialis, 70
Cortinarius varius, 70
Cortinarius violaceus, 70
Cortinarius zinziberatus, 70
Coryneum, 128
Coryneum beijerinckii, 122
Coryneum cardinale, 141
Coryneum eriobotryae, 128
Coryneum foliicolum, 141
Coryneum microstictum, 141
Craterellus, 51
Craterellus cornucopioides, 51
Crepidotus, 70
Crepidotus mollis, 70
Crepidotus variabilis, 71
Crucibulum, 94
Crucibulum laeve, 94
Crucibulum vulgare, 94
Cryphonectria, 15
Cryphonectria parasitica, 15
Cryptostictis, 128
Cryptostictis ilicina, 128
Cryptovalsa, 45
Cryptovalsa citri, 45
Cryptovalsa nitschkei, 16
Cryptovalsa protracta, 45
Cryptovalsa rabenhorstii, 45
Cryptovalsa rubi, 46
Curvularia, 114
Curvularia lunata, 114
Cyathella, 147
Cyathella laevis, 147
Cyathus, 94
Cyathus olla, 94
Cyathus striatus, 94
Cycloconium oleaginum, 121
Cycloconium quercus-ilicis, 145
Cylindrium, 114
Cylindrium elongatum, 114
Cylindrocarpon, 114
Cylindrocarpon destructans, 35
Cylindrocarpon didymum, 114
Cylindrocarpon heteronemum, 35
Cylindrocarpon mali, 35
Cylindrocarpon obtusisporum, 35
Cylindrothyrium coryli, 126
Cymadotea, 18
Cymadotea trifolii, 18
Cystoderma, 71
Cystoderma amiantinum, 71
Cystoderma carcharias, 71
Cystoderma cinnabarinum, 71
Cystoderma granulorum, 9
Cystopus amaranthacearum, 9
Cystopus bliiti, 9
Cystopus candidus, 9
Cystopus cappariidis, 10
Cystopus convolvulacearum, 10
Cystopus portulacae, 10
Cytospora, 129
Cytospora ambiens, 16
Cytospora ceratophora, 16

- Cytospora corylicola*, 129
Cytospora leucostoma, 15
Cytospora microstoma, 16
Cytospora oleina, 129
Cytospora punicae, 129
Cytospora salicis, 129
Cytospora terebinthi, 129
Cytospora tithymalina, 129
Cytospora vitis, 16
Cytosporina citriperda, 131
Dactylospora, 36
Dactylospora stygia, 36
Daedalea, 51
Daedalea inzengae, 51
Daedalea quercina, 51
Daedaleopsis, 51
Daedaleopsis tricolor, 51
Daldinia, 46
Daldinia concentrica, 46
Darlucula filum, 19
Dasyscypha clandestina, 32
Dasyscyphus, 32
Dasyscyphus clandestinus, 32
Delicatula, 71
Delicatula integrella, 71
Dematophora nectarix, 47
Dendrodochium, 114
Dendrodochium microsorum, 114
Dendrodochium rubellum, 114
Dendrophoma cytosporoides
 **punicina*, 129
Dermocybe, 71
Dermocybe cinnabarina, 71
Dermocybe crocea, 71
Deuterophoma tracheiphila, 137
Diachora, 129
Diachora onobrychidis, 129
Diaporthe, 15
Diaporthe arctii, 15
Diaporthe cinerascens, 15
Diaporthe circumscripta, 15
Diaporthe eres, 15
Diaporthe leiphaemia, 15
Diaporthe orthoceras, 15
Diaporthe rudis, 15
Diaporthe spiculosa, 15
Diatrypella, 16
Diatrypella nitschkei, 16
Dichlaena, 43
Dichlaena bovina, 43
Dictyosporium, 114
Dictyosporium toruloides, 114
Didymella, 18
Didymella applanata, 18
Didymella effusa, 18
Didymella lycopersici, 18
Didymella rabiei, 18
Didymella trifoliorum, 18
Didymium, 7
Didymium megalosporum, 7
Didymium nigripes fo.
 eximium, 7
Didymosphaeria, 18
Didymosphaeria bacchans, 18
Didymosphaeria epidermidis, 18
Didymosphaeria minuta, 18
Didymosphaeria smaragdina, 44
Diheterospora chlamydosporia, 123
Dinemasporium, 129
Dinemasporium cytosporoides, 129
Dinemasporium graminum, 46
Dinemasporium hispidulum, 140
Dinemasporium pulvis-
 pyrius, 129
Diplodia, 129
Diplodia arundinacea, 129
Diplodia aurantii, 134
Diplodia calycanthi, 130
Diplodia castaneae, 130
Diplodia castaneae var.
 corticola, 130
Diplodia hederæ, 130
Diplodia herbarum, 130
Diplodia mutila, 17
Diplodia natalensis, 133
Diplodia oleae, 127
Diplodia opuntiae, 130
Diplodia passeriniana, 128
Diplodia perpusilla, 134
Diplodia pinnarum, 128
Diplodia pseudo-diplodia, 130
Diplodia ramulicola, 134

- Diplodia segapellii*, 130
Diplodia sicula, 130
Diplodia sidae, 130
Diplodia spiraeina, 134
Diplodia subsecta, 130
Diplodia sycina, 130
Diplodia vineae, 130
Diplodia viticola, 131
Diplodina lycopersici, 18
Discula, 131
Discula quercina, 131
Discula umbrinella, 131
Doratomyces, 114
Doratomyces stemonitis, 114
Dothidella, 19
Dothidella fallax, 19
Dothiorella, 131
Dothiorella fruticicola, 131
Dothiorella reniformis, 131
Dothiorella ribis, 17
Dothiorella rimiseda, 131
Dothiorella spartiicola, 131
Dumortiera, 131
Dumortiera citriperda, 131
Durella, 32
Durella oleae, 32
Eccilia cancrina, 71
Elaphomyces, 27
Elaphomyces citrinus, 27
Elsinoë, 19
Elsinoë ampelina, 19
Elsinoë australis, 19
Emericella, 30
Emericella erythrospora, 30
Emericella nidulans, 30
Empusa muscae, 14
Endaematus, 147
Endaematus albus, 147
Endogone, 14
Endogone fasciculata, 14
Endogone macrocarpa, 14
Endogone mossae, 14
Endothia parasitica, 15
Engyodontium, 114
Engyodontium aranearum, 114
Entoloma, 71
Entoloma aethiops, 71
Entoloma asprellum, 71
Entoloma cancrinum, 71
Entoloma clypeatum, 71
Entoloma hirtipes, 71
Entoloma mammosum, 72
Entoloma minutus, 72
Entoloma nidosorum, 72
Entoloma proletarius, 72
Entoloma sericeum, 72
Entoloma sinuatum, 72
Entoloma staurosporum, 72
Entomophthora, 14
Entomophthora muscae, 14
Entyloma, 106
Entyloma calendulae, 106
Entyloma canescens, 106
Entyloma fergussonii, 106
Entyloma serotinum, 107
Epicoccum, 115
Epicoccum neglectum, 115
Epicoccum purpurascens, 115
Erysiphe, 27
Erysiphe cichoracearum, 27
Erysiphe cichoracearum var. *cichoracearum*, 27
Erysiphe clandestina, 29
Erysiphe communis, 28
Erysiphe graminis, 27
Erysiphe lamprocarpa, 27
Erysiphe martii, 28
Erysiphe polygoni, 28
Erysiphe tuckeri, 30
Erysiphe vagans, 29
Erysiphites, 146
Erysiphites melilli, 146
Eudarluka, 19
Eudarluka caricis, 19
Eurotium, 30
Eurotium chevalieri, 30
Eurotium chevalieri var. *intermedium*, 30
Eurotium herbariorum, 30
Eutypa, 16
Eutypa lata, 16
Eutypa ludibunda, 16

- Eutypa scabrosa*, 17
Eutypella, 17
Eutypella alnifraga, 17
Eutypella prunastri, 17
Exoascus bullatus, 47
Exoascus deformans, 48
Exoascus pruni, 48
Exobasidium, 48
Exobasidium lauri, 48
Fistulina, 51
Fistulina hepatica, 51
Flammula carbonaria, 83
Flammula lenta, 83
Flammula penetrans, 73
Flammula spumosa, 83
Flammulaster, 72
Flammulaster pityrodes, 72
Flammulina, 72
Flammulina velutipes, 72
Fomes, 56
Fomes applanatus, 52
Fomes conchatus, 54
Fomes fomentarius, 51
Fomes fulvus, 54
Fomes ignarius, 54
Fomes inzengae, 51
Fomes lonicerae, 54
Fomes lucidus, 52
Fomes nigricans, 54
Fomes pomaceus, 54
Fomes torulosus, 55
Fomes ulmarius, 57
Fracchiacea, 43
Fracchiacea heterogenea, 43
Fuligo, 8
Fuligo cinerea, 8
Fuligo septica, 8
Fumago vagans, 17
Funalia, 52
Funalia gallica, 52
Fusarium, 115
Fusarium avenaceum, 115
Fusarium concolor, 115
Fusarium dimerum, 115
Fusarium equiseti, 115
Fusarium heterosporum, 115
Fusarium incarnatum, 116
Fusarium lateritium, 34
Fusarium limoni, 34
Fusarium moniliforme, 34
Fusarium opuntiarum, 115
Fusarium oxysporum, 115
Fusarium oxysporum f. sp. *lycopersici*, 115
Fusarium oxysporum f. sp. *opuntiarum*, 115
Fusarium oxysporum var. *redolens*, 115
Fusarium reticulatum, 115
Fusarium roseum, 115
Fusarium sambucinum, 116
Fusarium sarcochroum, 116
Fusarium semitectum, 116
Fusarium solani, 116
Fusarium solani var. *coeruleum*, 116
Fusarium sulphureum, 34
Fusarium viticolum, 115
Fusicladium amygdali, 27
Fusicladium carpophilum, 26
Fusicladium dendriticum, 27
Fusicladium dendriticum fo. *eriobotryae japonicae*, 121
Fusicladium eriobotryae, 121
Fusicladium pirinum, 27
Fusicoccum, 131
Fusicoccum aesculi, 131
Fusicoccum fruticolum, 132
Fusicoccum juglandis, 132
Fusicoccum sambucicolum, 132
Fusisporium limoni, 34
Galeria tenera, 69
Galerella, 72
Galerella conocephala, 72
Galerina, 72
Galerina bryorum, 72
Galerina hypnorum, 72
Galerina vittaeformis, 72
Ganoderma, 52
Ganoderma adspersum, 52
Ganoderma applanatum, 52
Ganoderma lipsiense, 52

- Ganoderma lucidum*, 52
Ganoderma pseudoboletus, 52
Ganoderma resinaceum, 52
Geaster hygrometricus, 95
Geastrum, 95
Geastrum fimbriatum, 95
Geastrum saccatum, 95
Geastrum sessile, 95
Geastrum stellatum, 95
Geastrum triplex, 95
Genea, 38
Genea verrucosa, 38
Geoglossum hirsutum, 34
Geotrichum, 116
Geotrichum candidum, 116
Gerronema, 73
Gerronema umbilicatum, 73
Gibberella, 34
Gibberella baccata, 34
Gibberella cyanogena, 34
Gibberella fujikuroi, 34
Gloeosporium, 132
Gloeosporium ampelophagum, 19
Gloeosporium anceps, 30
Gloeosporium beniaminae, 97
Gloeosporium crini, 41
Gloeosporium cytharexylis, 132
Gloeosporium fructigenum, 41
Gloeosporium hesperidearum, 41
Gloeosporium intermedium fo. *jasmini-arabicae*, 41
Gloeosporium intermedium var. *hiraiae*, 132
Gloeosporium intermedium var. *poinsettiae*, 132
Gloeosporium lagenarium, 127
Gloeosporium oleandri, 41
Gloeosporium olivarum, 41
Gloeosporium platani, 131
Gloiocephala, 73
Gloiocephala palmarum, 73
Glomerella, 41
Glomerella cingulata, 41
Glomus, 14
Glomus fasciculatum, 14
Glomus mossae, 14
Glomus occultum, 14
Glonium, 21
Glonium lineare, 21
Gnomonia, 15
Gnomonia leptostyla, 15
Gomphidius viscidus, 59
Graphiola, 107
Graphiola phoenicis, 107
Graphium, 116
Graphium passerinii, 116
Graphium subtile, 116
Graphium subulatum, 116
Graphium ulmi, 37
Grifola, 52
Grifola frondosa, 52
Guignardia, 19
Guignardia bidwellii, 19
Guignardia marii, 19
Guignardia sootia, 19
Gymnoascus, 31
Gymnoascus umbrinus, 31
Gymnopilus, 73
Gymnopilus penetrans, 73
Gymnopilus spectabilis, 73
Gymnosporangium, 98
Gymnosporangium clavariaeforme, 98
Gyrocera, 116
Gyrocera celtidis, 116
Gyrodont, 60
Gyrodont lividus, 60
Gyrophragmium, 73
Gyrophragmium dunali, 73
Gyroporus, 60
Gyroporus castaneus, 60
Gyroporus cyanescens, 60
Haplaria citri, 145
Haplosporella, 132
Haplosporella dothideoides, 128
Haplosporella fabiformis, 132
Haplosporella mori, 132
Hebeloma, 73
Hebeloma crustuliniforme, 73
Hebeloma crustuliniforme var. *bulbiferum*, 73
Hebeloma elatum, 73

- Hebeloma fastibile*, 73
Hebeloma longicaudum, 73
Hebeloma mesophaeum, 73
Hebeloma nudipes, 73
Hebeloma porphyrosporum, 73
Hebeloma sarcophyllum, 73
Hebeloma sinapizans, 74
Hebeloma strophosum, 74
Hebeloma versipelle, 74
Helminthosporium teres, 26
Helotium herbarum, 32
Helvella, 38
Helvella acetabulum, 38
Helvella clypeata, 38
Helvella crispa, 38
Helvella elastica, 38
Helvella fusca, 38
Helvella lacunosa, 38
Helvella panormitana, 38
Helvella sulcata, 38
Hemimycena, 74
Hemimycena delicatella, 74
Hendersonia, 132
Hendersonia celtidis-australis, 132
Hendersonia magnoliae, 132
Hendersonia sarmentorum, 132
Heridium, 52
Heridium coralloides, 52
Heridium erinaceum, 52
Heterobasidium, 52
Heterobasidium annosum, 52
Heterosphaeria, 32
Heterosphaeria patella, 32
Heterosporium echinulatum, 22
Heterosporium gracile, 23
Hirneola auricula, 48
Hirneola auricula-judae, 48
Hirschioporus, 52
Hirschioporus pergamenus, 52
Hohenbuehelia, 74
Hohenbuehelia geogenia, 74
Hohenbuehelia petaloides, 74
Hormodendron citri, 145
Humaria, 38
Humaria hemisphaerica, 38
Hydnellum, 53
Hydnellum compactum, 53
Hydnellum concrescens, 53
Hydnellum ferrugineum, 53
Hydnocystis, 38
Hydnocystis beccarii, 38
Hydnocystis piligera, 38
Hydnum, 53
Hydnum compactum, 53
Hydnum coralloides, 52
Hydnum erinaceus, 52
Hydnum ferrugineum, 53
Hydnum notarisii, 52
Hydnum repandum, 53
Hydnum rufescens, 53
Hydnum velutinum, 53
Hydnum zonatum, 53
Hydropus, 74
Hydropus fuliginarius, 74
Hygrocybe, 74
Hygrocybe ceracea, 74
Hygrocybe chlorophana, 74
Hygrocybe coccinea, 74
Hygrocybe conica, 74
Hygrocybe fornicata, 74
Hygrocybe marchii, 75
Hygrocybe miniata, 75
Hygrocybe miniatus, 75
Hygrocybe nigrescens, 75
Hygrocybe obrussea, 75
Hygrocybe psittacina, 75
Hygrocybe punicea, 75
Hygrocybe reai, 75
Hygrocybe sciophana, 75
Hygrocybe vitellina, 75
Hygrophoropsis, 60
Hygrophoropsis aurantiaca, 60
Hygrophorus, 75
Hygrophorus ceraceus, 74
Hygrophorus chlorophanus, 74
Hygrophorus chrysodon, 75
Hygrophorus coccineus, 74
Hygrophorus conicus, 63
Hygrophorus cossus, 75
Hygrophorus croceus, 71
Hygrophorus eburneus, 75
Hygrophorus fornicatus, 74

- Hygrophorus limacium* var.
olivaceoalbus, 75
Hygrophorus marchii, 75
Hygrophorus miniatus, 75
Hygrophorus nemoreus, 75
Hygrophorus niveus, 66
Hygrophorus obrusseus, 75
Hygrophorus olivaceoalbus, 75
Hygrophorus poetarum, 75
Hygrophorus psittacinus, 75
Hygrophorus puniceus, 75
Hygrophorus reai, 75
Hygrophorus russula, 76
Hygrophorus sciophanus, 75
Hygrophorus virgineus, 66
Hymenogaster, 96
Hymenogaster albus, 96
Hymenogaster arenarius, 96
Hymenogaster citrinus, 97
Hymenogaster klotzschii, 96
Hymenogaster muticus, 97
Hymenoscyphus, 32
Hymenoscyphus fructigenus, 32
Hymenoscyphus herbarum, 32
Hyphoderma, 53
Hyphoderma sambuci, 53
Hypholoma, 76
Hypholoma appendiculatum, 84
Hypholoma capnoides, 76
Hypholoma coronatum, 84
Hypholoma ericaeum, 76
Hypholoma fasciculare, 84
Hypholoma hydrophilum, 82
Hypholoma lacrimabundum, 84
Hypholoma sublateritium, 76
Hypochnus sambuci, 53
Hypocopra fimicola, 44
Hypocopra humana, 44
Hypoderma, 42
Hypoderma aurantii, 42
Hypoderma commune, 42
Hypomyces, 14
Hypomyces rosellus, 14
Hypoxylon, 46
Hypoxylon bifrons, 46
Hypoxylon mediterraneum, 46
Hypoxylon serpens, 46
Hysterangium, 97
Hysterangium cistophilum, 97
Hysterangium siculum, 97
Hysterium, 20
Hysterium angustatum, 20
Hysterium pulicare, 20
Hysterographium, 20
Hysterographium baccarinii, 20
Hysterographium grammodes, 20
Inocybe, 76
Inocybe asterospora, 76
Inocybe brunnea, 76
Inocybe carpta, 76
Inocybe cervicolor, 76
Inocybe descissa, 76
Inocybe descissa var. *brunnea*, 76
Inocybe dulcamara, 76
Inocybe fastigiata, 76
Inocybe paludinella, 76
Inocybe perbrevis, 76
Inocybe scabella, 77
Inocybe virgatula, 77
Inonotus, 53
Inonotus hastifer, 53
Inonotus hispidus, 53
Inonotus obliquus, 53
Inzengaea erythrospora, 30
Irpex pachyodon, 57
Ithyphallus impudicus, 94
Karschia nigerrima, 36
Keissleriella, 20
Keissleriella culmifida, 20
Laboulbenia, 35
Laboulbenia acupalpi, 35
Laboulbenia cristata, 35
Laboulbenia ophoni, 36
Laboulbenia picardii, 36
Laboulbenia rougetii, 36
Laboulbenia variabilis, 36
Labrella coryli, 139
Laccaria, 77
Laccaria amethystina, 77
Laccaria laccata, 77
Laccaria laccata var.
amethystina, 77

- Laccaria proxima*, 77
Laccaria tortilis, 77
Lachnea hirta, 40
Lachnella rubiginosa, 32
Lachnum, 32
Lachnum rubiginosa, 32
Lactarius, 89
Lactarius azonites, 89
Lactarius blennius, 89
Lactarius camphoratus, 89
Lactarius chrysorrheus, 89
Lactarius cismicarius, 89
Lactarius cistophilus, 89
Lactarius controversus, 89
Lactarius deliciosus, 89
Lactarius fuliginosus, 89
Lactarius insulsus, 89
Lactarius mairei, 89
Lactarius piperatus, 89
Lactarius rufus, 89
Lactarius rugatus, 90
Lactarius sanguifluus, 90
Lactarius sanguifluus var.
vinosus, 90
Lactarius semisanguifluus, 90
Lactarius serifluus, 90
Lactarius subdulcis, 90
Lactarius torminosus, 90
Lactarius uvidus, 90
Lactarius vellereus, 90
Lactarius vinosus, 90
Lactarius volemus, 90
Lactarius zonarius, 90
Laestadia marii, 19
Laestadia socia, 19
Laetiporus, 53
Laetiporus sulphureus, 53
Langemannia candida, 94
Lasiobolus, 39
Lasiobolus pulcherrimus, 39
Lasiodiplodia, 133
Lasiodiplodia theobromae, 133
Lecanidion, 36
Lecanidion atratum, 36
Leccinum, 60
Leccinum aurantiacum, 60
Leccinum corsicum, 60
Leccinum crocipodius, 60
Leccinum griseum, 60
Leccinum melaneum, 60
Leccinum oxydabile, 60
Leccinum quercinum, 60
Leccinum scabrum, 60
Leccinum vulpinum, 60
Lentinellus, 93
Lentinellus cochleatus, 93
Lentinellus omphalodes, 93
Lentinellus vulpinus, 93
Lentinus cochleatus, 93
Lenzites, 53
Lenzites betulina, 53
Lenzites gussonei, 54
Lenzites tricolor, 51
Leotia, 33
Leotia lubrica, 33
Lepiota, 77
Lepiota alba, 77
Lepiota clypeolaria, 77
Lepiota cortinarius, 77
Lepiota cristata, 77
Lepiota excoriata, 79
Lepiota gracilentia, 79
Lepiota helveola, 77
Lepiota leucothites, 78
Lepiota naucina, 78
Lepiota procera, 79
Lepiota serena, 84
Lepiota straminella, 77
Lepista, 77
Lepista glaucocana, 77
Lepista inversa, 77
Lepista luscina, 78
Lepista nimbata, 78
Lepista nuda, 78
Lepista nuda var. *lilacina*, 78
Lepista sordida, 78
Leptoglossum, 78
Leptoglossum muscigenum, 78
Leptonia aethiops, 71
Leptonia aspirella, 71
Leptonia minuta, 72
Leptonia proletaria, 72

- Leptopodia elastica*, 38
Leptosphaeria, 20
Leptosphaeria aetnensis, 20
Leptosphaeria arundinacea, 20
Leptosphaeria coniothyrium, 20
Leptosphaeria coniothyrium *
 Rosae, 20
Leptosphaeria culmifraga, 20
Leptosphaeria gibelliana, 20
Leptosphaeria heterospora, 27
Leptosphaeria hygrophilum, 21
Leptosphaeria magnusiana, 21
Leptosphaeria nodorum, 21
Leptosphaeria papyri, 21
Leptosphaeria papyricola, 21
Leptosphaeria recessa, 25
Leptosphaeria rusci, 24
Leptosphaeria sacculus, 22
Leptosphaeria thyphicola, 24
Leptosphaeria vagabunda, 21
Leptotrichum, 116
Leptotrichum glaucum, 116
Leptothyrium coryli, 126
Leucoagaricus, 78
Leucoagaricus naucinus, 78
Leucoagaricus pudicus, 78
Leucocoprinus, 78
Leucocoprinus birnbaumii, 78
Leucopaxillus, 78
Leucopaxillus gentianeus, 78
Leucostoma, 15
Leucostoma persoonii, 15
Leveillula, 28
Leveillula taurica, 28
Licea, 7
Licea pusilla, 7
Ligniera, 8
Ligniera hypogea, 8
Limacinia citri, 21
Limacinia penzigi, 21
Limacium chrysapis, 75
Lopadostoma, 46
Lopadostoma gastrinum, 46
Lophidium compressum, 25
Lophiostoma, 21
Lophiostoma hygrophylum, 21
Lophiostoma quadrinucleatum, 21
Lophiostoma rophaloides, 21
Lophodermium, 42
Lophodermium arundinaceum, 42
Lophodermium maculare, 42
Lophodermium pinastri, 42
Lycoperdon, 95
Lycoperdon atropurpureum, 95
Lycoperdon atropurpureum var.
 catinense, 95
Lycoperdon echinatum, 95
Lycoperdon bovista, 94
Lycoperdon furfuraceum, 94
Lycoperdon gemmatum, 95
Lycoperdon molle, 95
Lycoperdon perlatum, 95
Lycoperdon pyriforme, 95
Lycoperdon saccatum, 95
Lyophyllum, 78
Lyophyllum fumosum, 78
Lyophyllum loricatum, 78
Lyophyllum ovisporum, 79
Lyophyllum semitale, 79
Lyophyllum ulmarium, 79
Macrolepiota, 79
Macrolepiota excoriata, 79
Macrolepiota fuligineo-
 squarrosa, 79
Macrolepiota gracilentia, 79
Macrolepiota mastoidea, 79
Macrolepiota olivascens, 79
Macrolepiota permixta, 79
Macrolepiota procera, 79
Macrolepiota rhacodes, 79
Macrophoma, 133
Macrophoma aloes, 133
Macrophoma aurantii, 133
Macrophoma borziana, 133
Macrophoma candollei, 141
Macrophoma cocos, 133
Macrophoma cylindrospora, 127
Macrophoma dalmatica, 133
Macrophoma gibelliana, 133
Macrophoma hibisci, 133
Macrophoma hippoglossi, 138
Macrophoma juncei, 133
Macrophoma mantegazziana var.

- limonum, 133
Macrophoma oleae, 127
Macrophoma paeoniae, 133
Macrophoma rimiseda, 131
Macrophoma sicula, 134
Macrophoma spartiicola, 131
Macrophyllosticta, 133
Macrophyllosticta borziana, 133
Macrosporium, 116
Macrosporium commune, 116
Macrosporium lagenariae, 117
Marasmius, 79
Marasmius androsaceus, 79
Marasmius angulatus, 79
Marasmius camarophyllus, 80
Marasmius collinus, 79
Marasmius epiphyllus, 80
Marasmius erythropus, 80
Marasmius oreades, 80
Marasmius palmarum, 73
Marasmius scorodonius, 80
Marasmius trichopus, 80
Marssonina juglandis, 15
Marssonina matteiana, 134
Marssonina, 134
Marssonina matteiana, 134
Martellia, 90
Martellia mistiformis, 90
Massaria, 41
Massaria platani, 41
Melampsora, 98
Melampsora betulina, 99
Melampsora gelmii, 98
Melampsora helioscopiae, 98
Melampsora hypericorum, 98
Melampsora lini, 98
Melampsora pistaciae, 98
Melampsora populina, 98
Melampsora populina b. *populi albae*, 98
Melampsora ricini, 98
Melampsorella ricini, 98
Melampsoridium, 99
Melampsoridium betulinum, 99
Melanconium sphaerospermum, 109
Melanogaster, 97
Melanogaster ambiguus, 97
Melanogaster variegatus, 97
Melanoleuca, 80
Melanoleuca excissa, 80
Melanoleuca grammopodia, 80
Melanoleuca humilis, 80
Melanoleuca melaleuca, 80
Melanoleuca melaleuca var. *phaeopodium*, 80
Melanoleuca melaleuca var. *tephrophyllum*, 80
Melanoleuca schumacheri, 80
Melanosporites, 146
Melanosporites stefanii, 146
Melaspilea, 37
Melaspilea opegraphoides, 37
Meliola, 21
Meliola camelliae, 21
Meliola citri, 21
Meliola penzigi, 21
Meriplus, 54
Meriplus giganteus, 54
Metadiplodia, 134
Metadiplodia aurantii, 134
Metadiplodia ramulicola, 134
Metadiplodia spiraeina, 134
Metasphaeria, 21
Metasphaeria clypeosphaerioides, 21
Metasphaeria diplodiella, 128
Metasphaeria hederæ, 21
Metasphaeria sacculus, 22
Metasphaeria socia, 22
Metasphaeria spartii, 22
Microascus, 37
Microascus trigonosporus, 37
Microdiplodia, 134
Microdiplodia perpusilla, 134
Microsphaera, 28
Microsphaera alphitoides, 28
Microsphaera euonymi-japonici, 28
Microsphaera lonicerae, 28
Microsphaera lonicerae var. *lonicerae*, 28
Microsphaera penicillata, 28
Microsphaera platani, 28

- Microsphaera quercina*, 29
Microsporium cookei, 31
Microsporium gypseum, 31
Microsporium vanbreuseghemi, 31
Microstroma, 49
Microstroma album, 49
Microstroma juglandis, 49
Microthyrites, 146
Microthyrites disodilis, 146
Microthyrium, 22
Microthyrium licatense, 24
Microthyrium microscopicum, 22
Misgomyces, 36
Misgomyces dyschirii, 36
Mniopetalum, 80
Mniopetalum bryophilum, 80
Mollisia, 33
Mollisia cinerea, 33
Monilia candida, 110
Monilia celtis, 116
Monilia fructigena, 33
Monilia laxa, 34
Monilinia, 33
Monilinia fructigena, 33
Monilinia laxa, 33
Monilites, 146
Monilites albida, 146
Montagnea, 80
Montagnea arenaria, 80
Morchella, 39
Morchella conica, 39
Morchella esculenta, 39
Morchella hybrida, 39
Morchella rotunda, 39
Morchella vulgaris, 39
Mortierella, 13
Mortierella alpina, 13
Mucilago, 8
Mucilago crustacea, 8
Mucor, 13
Mucor hiemalis, 13
Mucor mucedo, 13
Mucor racemosus, 13
Mucor racemosus var. *brunnea*, 13
Mucronella, 54
Mucronella viticola, 54
Mutinus, 93
Mutinus caninus, 93
Mycena, 81
Mycena aetites, 81
Mycena alcalina, 81
Mycena ammoniaca, 81
Mycena calopoda, 73
Mycena epipterygia, 81
Mycena flavo-alba, 81
Mycena floridula, 81
Mycena galericulata, 81
Mycena galericulata var. *calopoda*, 81
Mycena haematopoda, 81
Mycena inclinata, 81
Mycena lactea, 74
Mycena laevigata, 81
Mycena lineata, 81
Mycena pelianthina, 81
Mycena polygramma, 81
Mycena pura, 81
Mycena rugosa, 81
Mycena seynii, 81
Mycena zephira, 82
Mycena zephrus, 82
Mycosphaerella, 22
Mycosphaerella brassicicola, 22
Mycosphaerella buxicola, 22
Mycosphaerella dianthi, 22
Mycosphaerella fragariae, 22
Mycosphaerella gibelliana, 22
Mycosphaerella graminicola, 22
Mycosphaerella gypsophilae, 23
Mycosphaerella hedericola, 23
Mycosphaerella laburni var. *eriobotryae*, 23
Mycosphaerella macrospora, 23
Mycosphaerella mori, 23
Mycosphaerella personata, 23
Mycosphaerella pistacina, 23
Mycosphaerella populi, 23
Mycosphaerella praeparva, 23
Mycosphaerella pteridis, 23
Mycosphaerella punctiformis, 23
Mycosphaerella pyri, 24
Mycosphaerella rabiei, 18

- Mycosphaerella rosicola*, 24
Mycosphaerella sicula, 24
Myiocopron, 24
Myiocopron licatense, 24
Myiocopron smilacis, 24
Myriostoma, 95
Myriostoma coliforme, 95
Myriostoma coliformis, 95
Myrothecium, 117
Myrothecium cinctum, 117
Myrothecium roridum, 117
Myrothecium verrucaria, 117
Nannizzia, 31
Nannizzia cajetani, 31
Nannizzia grubya, 31
Nannizzia gypsea, 31
Naucoria, 82
Naucoria conspersa, 88
Naucoria escharioides, 82
Naucoria pellucida, 88
Naucoria pityrodes, 72
Naucoria semiorbicularis, 63
Naucoria sobria, 63
Naucoria temulenta, 82
Naucoria vervacti, 64
Nectria, 35
Nectria cinnabarina, 35
Nectria coccinea, 35
Nectria ditissima, 35
Nectria galligena, 35
Nectria inventa, 35
Nectria radiculicola, 35
Nectria tawa, 35
Nectria vulgaris, 35
Nematospora, 27
Nematospora coryli, 27
Neottiella, 39
Neottiella rutilans, 39
Nidularia campanulata, 94
Nidularia crucibulum, 94
Niptera elaeina, 33
Nitschkia, 44
Nitschkia cupularis, 44
Nolanea pasqua, 71
Oidiopsis gigasporum, 28
Oidiopsis sicula, 28
Oidium, 117
Oidium aceris, 29
Oidium acutum, 117
Oidium ceratoniae, 117
Oidium crystallinum, 117
Oidium erysiphoides, 117
Oidium euonymi-japonici, 28
Oidium leucoconium, 29
Oidium quercinum, 28
Oidium tabaci, 117
Oidium tuckeri, 30
Omphalia pyxidata, 82
Omphalia rustica, 82
Omphalia umbilicata, 73
Omphalia umbratilis, 82
Omphalina, 82
Omphalina pyxidata, 82
Omphalina rustica, 82
Omphalina umbratilis, 82
Omphalina vesuviana, 82
Omphalotus, 61
Omphalotus olearius, 61
Omphalotus olearius var.
zizyphinus, 61
Ophiobolus, 24
Ophiobolus fruticum, 24
Ophiobolus herpotrichus, 24
Ophiosphaerella, 24
Ophiosphaerella herpotricha, 24
Otidea, 39
Otidea alutacea, 39
Otidea auricula, 39
Otidea cochleata, 39
Otidea onotica, 39
Oudemansiella, 82
Oudemansiella badia, 82
Oudemansiella longipes, 82
Oudemansiella radicata, 82
Ovularia acutata, 117
Ovularia citri, 145
Paecilomyces, 117
Paecilomyces lilacinum, 117
Panaeolus, 82
Panaeolus acuminatus, 82
Panaeolus ater, 82
Panaeolus campanulatus, 83

- Panaeolus fimicola, 82
 Panaeolus papilionaceus, 83
 Panaeolus retirugis, 83
 Panaeolus spintrinus, 83
Panaeolus varius, 82
 Panus, 54
 Panus rudis, 54
 Papularia arundinis, 45
 Paraphaeosphaeria, 24
 Paraphaeosphaeria rusci, 24
 Paxillus, 61
 Paxillus involutus, 61
Paxillus lateralis, 61
 Paxillus panuoides, 61
 Penicillium, 118
 Penicillium aurantiogriseum, 118
 Penicillium brevicompactum, 118
Penicillium candidum, 118
 Penicillium capsulatum, 118
 Penicillium charlesii, 118
 Penicillium chrysogenum, 118
Penicillium citrinum, 114
Penicillium coccophilum, 121
 Penicillium corylophilum, 118
 Penicillium crustosum, 118
 Penicillium cyaneum, 118
Penicillium cyclophilum, 118
 Penicillium digitatum, 118
 Penicillium diversum, 118
 Penicillium expansum, 118
Penicillium frequentans, 118
 Penicillium glabrum, 118
Penicillium glaucum, 118
 Penicillium implicatum, 119
 Penicillium italicum, 119
 Penicillium jensenii, 119
Penicillium lilacinum, 117
 Penicillium restrictum, 119
 Penicillium verruculosum, 119
 Penicillium viridicatum, 119
 Peniophora, 54
Peniophora caesia, 54
 Peniophora lycii, 54
 Perisporites, 146
 Perisporites hirsutus, 146
 Perisporites setosus, 146
 Peronospora, 10
 Peronospora affinis, 10
 Peronospora arborescens, 10
 Peronospora destructor, 10
 Peronospora dianthi, 10
Peronospora effusa, 10
 Peronospora farinosa, 10
 Peronospora ficariae, 10
Peronospora gangliiformis, 10
 Peronospora lamii, 11
 Peronospora leptosperma, 11
Peronospora nivea, 12
 Peronospora parasitica, 11
 Peronospora rumicis, 11
Peronospora schleideni, 10
 Peronospora trifoliorum, 11
Peronospora urticae, 12
 Peronospora valerianellae, 11
 Peronospora viciae, 11
Peronospora viticola, 12
 Peronosporites, 146
 Peronosporites miocenica, 146
 Peronosporites sicula, 146
 Pestotum ulmi, 37
 Pestalotia, 134
 Pestalotia breviseta, 134
Pestalotia funerea, 134
 Pestalotia sarmentii, 134
 Pestalotiopsis, 134
 Pestalotiopsis funerea, 134
 Peziza, 39
Peziza acetabulum, 38
 Peziza ammophila, 39
 Peziza ampliata, 39
Peziza aurantia, 37
 Peziza badia, 40
Peziza bufonia, 39
 Peziza cerea, 40
Peziza cochleata, 39
Peziza fructigena, 32
Peziza hemisphaerica, 38
Peziza nigrella, 40
 Peziza proteana, 40
Peziza proteana fo.
 sparassoides, 40
Peziza rutilans, 39

- Peziza sepiatrella* var. *sicula*, 40
Peziza sicula, 40
Peziza subularis, 32
Peziza vesiculosa, 40
Peziza violacea, 40
Pezizella, 33
Pezizella elaeina, 33
Phacidium, 33
Phacidium multivalve, 33
Phaeolepiota, 83
Phaeolepiota aurea, 83
Phaeosphaeria, 24
Phaeosphaeria licatensis, 24
Phaeosphaeria recessa, 25
Phallus, 94
Phallus hadriani, 94
Phallus impudicus var. *imperialis*, 94
Phallus impudicus, 94
Phellinus, 54
Phellinus conchatus, 54
Phellinus ignarius, 54
Phellinus nigricans, 54
Phellinus ribis, 54
Phellinus torulosus, 55
Phellinus tuberculosus, 54
Phellodon, 55
Phellodon putidus, 55
Phellodon tomentosus, 55
Phlebia mesenterica, 48
Phloeospora, 134
Phloeospora maculans, 23
Phloeospora mori, 23
Phloeospora ulmi, 134
Pholiota, 83
Pholiota aegerita, 63
Pholiota aurivella, 83
Pholiota carbonaria, 83
Pholiota lenta, 83
Pholiota praecox, 63
Pholiota spumosa, 83
Pholiota squarroso-adiposa, 83
Phoma, 135
Phoma aculeorum, 135
Phoma asparagi, 137
Phoma citri, 135
Phoma citri fo. *foliicola*, 135
Phoma citri-robiginis, 135
Phoma debeauxiana, 135
Phoma destructiva, 135
Phoma eriobotryae, 135
Phoma hedericola, 135
Phoma heliciis, 135
Phoma herbarum, 135
Phoma incompta, 135
Phoma lagenicola, 135
Phoma leucostigma, 21
Phoma limonis, 135
Phoma lophostomatoides, 136
Phoma macrostoma, 136
Phoma mahoniana var. *sicula*, 136
Phoma medicaginis var. *medicaginis*, 136
Phoma melaena, 140
Phoma oleae, 127
Phoma pallens, 136
Phoma pomorum, 136
Phoma prunicola, 136
Phoma putator, 136
Phoma reniformis, 131
Phoma rigida, 136
Phoma smilacis, 136
Phoma socia, 136
Phoma spartiicola, 136
Phoma torrens, 136
Phoma tracheiphila, 137
Phoma vespris, 137
Phoma vitis, 137
Phomatospora, 46
Phomatospora dinemasporium, 46
Phomopsis, 137
Phomopsis amygdalina, 137
Phomopsis asparagi, 137
Phomopsis citri, 15
Phomopsis incarcerationata, 15
Phomopsis mali, 137
Phomopsis quercina, 15
Phomopsis viticola, 137
Phragmidium, 99
Phragmidium bulbosum, 99
Phragmidium rosae-

- pimpinellifoliae, 99
Phragmidium rubi, 99
Phragmidium rubi-idaei, 99
Phragmidium sanguisorbae, 99
Phragmidium subcorticium, 99
Phragmidium violaceum, 99
Phragmonaevia, 37
Phragmonaevia laetissima, 37
Phycomyces, 13
Phycomyces nitens, 13
Phycomyces pirrottianus, 13
Phylacteria caryophyllea, 57
Phyllachora, 41
Phyllachora cynodontis, 41
Phyllachora graminis, 42
Phyllachora trifolii, 42
Phyllactinia, 29
Phyllactinia guttata, 29
Phyllactinia suffulta, 29
Phyllosticta, 137
Phyllosticta arisari, 137
Phyllosticta beltrani, 137
Phyllosticta bolleana, 137
Phyllosticta caprifolii, 137
Phyllosticta capsulicola, 138
Phyllosticta cicerina, 138
Phyllosticta concentrica, 138
Phyllosticta crini, 138
Phyllosticta cycadina, 138
Phyllosticta disciformis, 138
Phyllosticta evonymella, 138
Phyllosticta fusiformis, 138
Phyllosticta hederæ, 126
Phyllosticta hedericola, 135
Phyllosticta hippoglossi, 138
Phyllosticta hortorum, 138
Phyllosticta limbalis, 22
Phyllosticta maculiformis, 23
Phyllosticta magnoliae, 138
Phyllosticta nerii, 138
Phyllosticta ocellata, 139
Phyllosticta opuntiae, 139
Phyllosticta paratropiae, 139
Phyllosticta persicae, 139
Phyllosticta portulacae, 139
Phyllosticta ruscicola, 139
Phyllosticta siliquastri, 139
Phyllosticta sonchi, 139
Phyllosticta tabaci, 139
Phyllosticta terebinthi, 139
Phyllosticta teucrii, 139
Physalospora, 46
Physalospora euganea, 46
Physalospora gregaria, 46
Physarum, 8
Physarum cinereum, 8
Physarum contextum, 8
Physarum leucophaeum, 8
Phytophthora, 11
Phytophthora cactorum, 11
Phytophthora cambivora, 11
Phytophthora citricola, 11
Phytophthora citrophthora, 11
Phytophthora hibernalis, 12
Phytophthora infestans, 12
Phytophthora nicotianae var.
nicotianae, 12
Phytophthora nicotianae var.
parasitica, 12
Phytophthora palmivora, 12
Phytophthora parasitica, 11
Phytophthora reichardiae, 12
Phytophthora syringae, 12
Piggotia, 139
Piggotia coryli, 139
Pilidium, 140
Pilidium concavum, 140
Pilobolus, 13
Pilobolus crystallinus, 13
Piptarthron, 140
Piptarthron macrosporum, 140
Pisolithus, 96
Pisolithus arenarius, 96
Pisolithus arhizus, 96
Pisolithus crassipes, 96
Placosphaeria onobrychidis, 129
Plasmopara, 12
Plasmopara nivea, 12
Plasmopara viticola, 12
Platystomum, 25
Platystomum compressum, 25
Plenodomus oleae, 127

- Pleospora*, 25
Pleospora allii, 25
Pleospora asparagi, 25
Pleospora asphodeli, 25
Pleospora herbarum, 25
Pleospora herbarum fo. *amaryllidis*, 25
Pleospora herbarum fo. *buphthalmi*, 25
Pleospora herbarum fo. *centranthi rubi*, 25
Pleospora herbarum fo. *cheiranti cheiri*, 25
Pleospora herbarum fo. *chimonanthi*, 25
Pleospora herbarum fo. *crini*, 25
Pleospora herbarum fo. *dahliae*, 25
Pleospora herbarum fo. *daturae*, 25
Pleospora herbarum fo. *eriobotryae*, 25
Pleospora herbarum fo. *evonymi*, 25
Pleospora herbarum fo. *ferulae*, 25
Pleospora herbarum lili-*martagonis*, 25
Pleospora herbarum fo. *limonis*, 25
Pleospora herbarum fo. *loniceriae*, 25
Pleospora herbarum fo. *magnoliae*, 25
Pleospora herbarum fo. *mahoniae*, 25
Pleospora herbarum fo. *phaseoli*, 25
Pleospora herbarum fo. *rubiae*, 25
Pleospora herbarum fo. *rutae*, 25
Pleospora herbarum fo. *sambuci-nigrae*, 25
Pleospora herbarum fo. *scillae*, 25
Pleospora herbarum fo. *scrophulariae*, 25
Pleospora herbarum fo. *smilacis*, 25
Pleospora herbarum fo. *viburni*, 25
Pleospora infectoria, 26
Pleospora junci, 25
Pleospora montemartini, 26
Pleospora oxyacanthae, 26
Pleospora scrophulariae, 26
Pleospora vulgaris, 26
Pleurotus, 55
Pleurotus applicatus, 85
Pleurotus cornucopiae, 55
Pleurotus cystidiosus, 55
Pleurotus dryinus, 55
Pleurotus eryngii, 55
Pleurotus eryngii var. *ferulae*, 55
Pleurotus eryngii var. *nebrodensis*, 55
Pleurotus fimbriatus, 67
Pleurotus gemmellari, 55
Pleurotus nebrodensis, 55
Pleurotus nigripes, 54
Pleurotus olearius, 61
Pleurotus opuntiae, 55
Pleurotus ostreatus, 55
Pleurotus ostreatus var. *stipitatus*, 55
Pleurotus petaloides, 74
Pleurotus pubescens, 56
Pleurotus pulmonarius, 56
Pleurotus spodoleucus var. *alba*, 56
Pleurotus ulmarius, 79
Plicaturopsis, 56
Plicaturopsis crispa, 56
Pluteus, 83
Pluteus atricapillus, 83
Pluteus cervinus, 83
Pluteus exiguus, 83
Pluteus nanus, 83
Pluteus pellitus, 83
Podoplaconema, 140
Podoplaconema melaenum, 140
Podosphaera, 29
Podosphaera clandestina var. *clandestina*, 29
Podosphaera clandestina var. *tridactyla*, 29
Podosphaera oxyacanthae, 29
Podosphaera oxyacanthae var. *tridactyla*, 29
Podosphaera tridactyla, 29
Podospora coprophila, 43
Podospora curvula, 44
Polyporellus arcularius, 56
Polyporus, 56
Polyporus applanatus, 52
Polyporus arcularius, 56
Polyporus calceolus, 56
Polyporus candidus, 49
Polyporus caudicinus, 53
Polyporus caudicinus var. *iodari*, 53
Polyporus croceus, 49
Polyporus fomentarius, 51
Polyporus frondosus, 54
Polyporus giganteus, 54

- Polyporus hispidus*, 53
Polyporus ignarius, 54
Polyporus intybaceus, 52
Polyporus inzengae, 51
Polyporus leucomelas, 56
Polyporus lonicerae, 54
Polyporus lucidus, 52
Polyporus nigricans, 54
Polyporus obliquus, 53
Polyporus perennis, 51
Polyporus pes-caprae, 49
Polyporus polymorphus, 53
Polyporus scobinaceus, 49
Polyporus squamosus, 56
Polyporus sulphureus, 53
Polyporus todari, 53
Polyporus torulosus, 55
Polyporus ulmarius, 56
Polyporus varius, 56
Polyporus versicolor, 57
Polyporus violaceus, 57
Polyporus vulgaris, 57
Polysaccum crassipes, 96
Polysaccum pisocarpium, 96
Polystictus perennis, 51
Polystictus polymorphus, 53
Polystictus versicolor, 57
Polystigma, 42
Polystigma ochraceum, 42
Polystigma rubrum, 42
Polystigmia rubra, 42
Polystigmia rubra β *amygdali*, 42
Polythrincium trifolii, 18
Poria obliqua, 53
Poria violacea, 57
Poria vulgaris, 57
Porphyrellus, 61
Porphyrellus porphyroporus, 61
Pratella campestris, 62
Propolis, 43
Propolis panizzei, 43
Protodermium pusillum, 7
Psalliota campestris, 62
Psalliota silvatica, 63
Psalliota silvicola, 63
Psalliota xanthoderma, 63
Psalliota xanthoderma var. *meleagris*, 63
Psathyra corrugis, 84
Psathyra fatua, 84
Psathyra gossypina, 84
Psathyra hydrophila, 84
Psathyra spadicea, 84
Psathyrella, 83
Psathyrella ammophila, 83
Psathyrella candolleana, 84
Psathyrella cernua, 84
Psathyrella coronata, 84
Psathyrella corrugis, 84
Psathyrella disseminata, 69
Psathyrella fatua, 84
Psathyrella gossypina, 84
Psathyrella gracilipes, 84
Psathyrella hydrophila, 84
Psathyrella minutula, 69
Psathyrella multipedata, 84
Psathyrella spadicea, 84
Psathyrella spadiceo-grisea, 84
Psathyrella velutina, 84
Pseudobaeospora, 84
Pseudobaeospora serena, 84
Pseudocercospora, 119
Pseudocercospora neriella, 119
Pseudocercospora vitis, 23
Pseudoclitocybe, 85
Pseudoclitocybe cyathiformis, 85
Pseudodiplodia, 140
Pseudodiplodia ruticola, 140
Pseudofumago citri, 145
Pseudolachnea, 140
Pseudolachnea hispidula, 140
Pseudoperonospora, 12
Pseudoperonospora urticae, 12
Pseudopeziza, 33
Pseudopeziza medicaginis, 33
Pseudopeziza trifolii, 33
Pseudoplectania, 40
Pseudoplectania nigrella, 40
Pseudosaccharomyces citri, 145
Pseudoseptoria, 140
Pseudoseptoria donacis, 140
Psilocybe, 85

- Psilocybe ammophila*, 83
Psilocybe atro-rufa, 85
Psilocybe cernua, 84
Psilocybe ericaea, 76
Psilocybe farinulenta, 84
Psilocybe merdaria, 85
Psilocybe montana, 85
Puccinia, 99
Puccinia absinthii, 103
Puccinia acetosae, 99
Puccinia agropyri, 103
Puccinia allii, 99
Puccinia angelicae, 103
Puccinia annularis, 99
Puccinia arenariae, 99
Puccinia asparagi, 99
Puccinia asphodeli, 100
Puccinia asteris, 100
Puccinia balsamitae, 100
Puccinia bulbocastani, 100
Puccinia bullata, 102
Puccinia bupleuri, 100
Puccinia buxi, 100
Puccinia cerasi, 100
Puccinia cesatii, 100
Puccinia chrysanthemi, 100
Puccinia cirsii, 100
Puccinia cnici-oleracei, 100
Puccinia convolvuli, 100
Puccinia coronata, 100
Puccinia crepidis, 101
Puccinia cressae, 101
Puccinia cynodontis, 101
Puccinia endiviae, 101
Puccinia eryngii, 101
Puccinia ferulae, 101
Puccinia gladioli, 101
Puccinia gladioli var. *macrospora*, 101
Puccinia glumarum, 103
Puccinia graminis, 101
Puccinia hieracii, 101
Puccinia horiana, 101
Puccinia hydrocotyles, 101
Puccinia longipes var. *longipes*, 102
Puccinia malvacearum, 102
Puccinia menthae, 102
Puccinia opopanacis, 102
Puccinia phlomidis, 102
Puccinia phragmitis, 102
Puccinia pimpinellae, 102
Puccinia pimpinellae fo. *eryngii*, 102
Puccinia platani, 122
Puccinia poarum, 102
Puccinia porri, 102
Puccinia prenanthis, 102
Puccinia pruni, 104
Puccinia pruni β *glabra*, 104
Puccinia purpurea, 102
Puccinia recondita, 103
Puccinia rubigo-vera, 103
Puccinia scaliana, 103
Puccinia scolymi, 101
Puccinia sedi, 103
Puccinia sessilis, 103
Puccinia silenes, 103
Puccinia smyrnii, 103
Puccinia sonchi, 103
Puccinia sorghi, 103
Puccinia striiformis, 103
Puccinia tanacetii, 103
Puccinia teucrii, 99
Puccinia thalictri, 104
Puccinia triticina, 103
Puccinia ulmi, 103
Puccinia urospersi, 104
Puccinia verruca, 100
Puccinia violae, 104
Pullularia pullulans, 111
Pulveroboletus, 61
Pulveroboletus hemichrysus, 61
Pyrenochaeta, 140
Pyrenochaeta lycopersici, 140
Pyrenophora, 26
Pyrenophora relicina, 26
Pyrenophora trichostoma, 26
Pythites, 147
Pythites disodilis, 147
Pythium, 12
Pythium debaryanum, 12
Pythium disodilis, 147
Ramaria, 56

- Ramaria botrytis*, 56
Ramaria flava, 56
Ramularia, 119
Ramularia ajugae, 119
Ramularia anchusae, 119
Ramularia ari, 119
Ramularia centranthi, 119
Ramularia cynarae, 120
Ramularia lactea, 120
Ramularia parietariae, 120
Ramularia pratensis, 120
Ramularia tulasnei, 22
Ramularia urticae, 121
Resupinatus, 85
Resupinatus applicatus, 85
Rhabdospora, 140
Rhabdospora poterii, 140
Rhabdospora senecionis-aetnensis, 141
Rhachomyces, 36
Rhachomyces stipitatus, 36
Rhizoctonia, 120
Rhizoctonia solani, 49
Rhizoctonia violacea, 120
Rhizomyxa hypogea, 8
Rhizophydium, 9
Rhizophydium messanense, 9
Rhizopogon, 97
Rhizopogon luteolus, 97
Rhizopogon roseolus, 97
Rhizopogon rubescens, 97
Rhizopus, 13
Rhizopus nigricans, 13
Rhizopus stolonifer, 13
Rhodocybe, 85
Rhodocybe himenolea, 85
Rhodocybe parilis, 85
Rhodocybe popinalis, 85
Rhodocybe truncata subsp.
mauretanica, 85
Rhodopaxillus nimbatius, 78
Rhodopaxillus nudus, 78
Rhodopaxillus sordidus, 78
Rhynchodiplodia citri, 145
Rhynchosporium, 120
Rhynchosporium secalis, 120
Rhytisma, 43
Rhytisma acerinum, 43
Riccoa, 120
Riccoa aetnensis, 120
Rigidoporus, 56
Rigidoporus ulmarius, 56
Robillarda, 141
Robillarda celtidis, 141
Rosellinia, 47
Rosellinia aquila, 47
Rosellinia mammiformis, 47
Rosellinia necatrix, 47
Russula, 90
Russula adusta, 90
Russula amoena, 90
Russula anthracina, 90
Russula atropurpurea, 91
Russula chloroides, 91
Russula cyanoxantha, 91
Russula delica, 91
Russula emetica, 91
Russula emetica var.
sylvestris, 91
Russula faginea, 91
Russula firmula, 91
Russula flava, 91
Russula foetens, 91
Russula fragilis, 91
Russula galochroa, 91
Russula heterophylla, 91
Russula laurocerasi, 91
Russula lundellii, 91
Russula lutea, 91
Russula lutea var. *ochracea*, 91
Russula maculata, 92
Russula mairei var. *mairei*, 92
Russula mesospora, 92
Russula nigricans, 92
Russula nitida, 92
Russula ochracea, 91
Russula olivacea, 92
Russula olivacea fo. *amoena*, 92
Russula olivascens, 92
Russula queletii, 92
Russula rosacea, 92
Russula rosea, 92
Russula sanguinea, 92

- Russula sardonia*, 92
Russula sericatula, 92
Russula torulosa, 92
Russula versicolor, 92
Russula vinosa, 92
Russula virescens, 93
Russula viscida, 93
Russula xerampelina var.
 olivascens, 93
Saccobolus, 40
Saccobolus glaber, 40
Saccobolus kervernii, 40
Sacothecium, 26
Sacothecium sepincola, 26
Saprolegnia, 9
Saprolegnia ferax, 9
Sarcodon, 57
Sarcodon amarescens, 57
Sarcoscypha, 40
Sarcoscypha coccinea, 40
Sarcosphaera, 40
Sarcosphaera coronaria, 40
Sawadaia, 29
Sawadaia bicornis, 29
Schizophyllum, 93
Schizophyllum alneum, 93
Schizophyllum commune, 93
Schizothecium, 44
Schizothecium conicum, 44
Sclerangium polyrrhizon, 96
Scleroderma, 96
Scleroderma cepa, 96
Scleroderma citrinus, 96
Scleroderma meridionale, 96
Scleroderma polyrhizum, 96
Scleroderma spadiceum, 96
Scleroderma verrucosum, 96
Scleroderma vulgare, 96
Sclerogaster, 97
Sclerogaster lanatus, 97
Sclerospora, 13
Sclerospora graminicola, 13
Sclerotinia, 34
Sclerotinia cinerea, 33
Sclerotinia fuckeliana, 31
Sclerotinia laxa, 33
Sclerotinia libertiana, 34
Sclerotinia sclerotiorum, 34
Sclerotinia trifoliorum, 34
Sclerotiopsis, 141
Sclerotiopsis pelargonii, 140
Sclerotiopsis sicula, 141
Sclerotium, 120
Sclerotium ambiguum var.
 narcissi, 34
Sclerotium lotorum, 120
Sclerotium medicaginum, 120
Scolecobasidium, 120
Scolecobasidium constrictum, 120
Scolecobasidium tshawytschae, 121
Scolecobasidium variabile, 121
Scolicotrichum, 121
Scolicotrichum fraxini, 121
Scopulariopsis, 121
Scopulariopsis brevicaulis, 121
Scopulariopsis brumptii, 121
Scopulariopsis croci, 121
Scutellinia, 40
Scutellinia hirta, 40
Scytalidium, 121
Scytalidium thermophilum, 121
Seimatosporium, 141
Seimatosporium lichenicola, 141
Seiridium, 141
Seiridium cardinale, 141
Selenophoma, 141
Selenophoma candollei, 141
Septobasidium, 48
Septobasidium michelianum, 48
Septobasidium orbiculare, 48
Septocylindrium, 121
Septocylindrium urticae, 121
Septocylindrium virens, 121
Septogloeum, 141
Septogloeum pistaciae, 141
Septoria, 141
Septoria acanthina, 141
Septoria achyranthis, 142
Septoria ampelina, 142
Septoria apiicola, 142
Septoria arethusa, 142
Septoria atriplicis, 142

- Septoria calycanthi, 142
 Septoria calysetgiae, 142
 Septoria capparidis, 142
 Septoria caryophylli, 142
 Septoria castaneicola, 142
 Septoria cavarae, 142
 Septoria cercidis, 142
 Septoria cheiranthi, 142
 Septoria cirrosae, 143
 Septoria citri, 143
Septoria citri β minor, 143
 Septoria convolvuli, 143
 Septoria convolvuli var.
 soldaneillae, 143
 Septoria cucurbitacearum, 143
 Septoria dianthi, 143
Septoria donacis, 140
 Septoria dryophila, 143
 Septoria elaeagni, 143
 Septoria evonymella, 143
 Septoria exotica, 143
Septoria fragariae, 19
 Septoria fuchsiae, 143
 Septoria gladioli, 143
Septoria glumarum, 21
 Septoria graminum, 144
 Septoria hederiae, 144
 Septoria hoyae, 144
 Septoria limonum, 144
 Septoria lycopersici, 144
 Septoria mahoniae, 144
 Septoria oleandrina, 144
Septoria olivae, 127
 Septoria oxyspora, 20
Septoria petroselini, 142
Septoria petroselini var. *apii*, 142
 Septoria pistaciae, 144
Septoria pistacina, 23
 Septoria populi, 23
 Septoria pyricola, 24
 Septoria rubi, 144
 Septoria scabiosicola, 144
Septoria senecionis-aetnensis, 141
 Septoria sicula, 144
 Septoria smilacina, 144
 Septoria solani-nigri, 144
 Septoria trifolii, 145
 Septoria tritici, 22
 Septoria urginae, 145
 Septoria urticae, 145
 Skeletocutis, 57
 Skeletocutis subincarnata, 57
 Sordaria, 44
Sordaria coprophila, 43
Sordaria curvula, 44
 Sordaria fimicola, 44
 Sordaria humana, 44
Speira toruloides, 114
 Sphaceloma, 145
Sphaceloma ampelinum, 19
 Sphaceloma citri, 145
 Sphaceloma quercus-ilicis, 145
 Sphaecelotheca, 107
 Sphaecelotheca schwein-
 furthiana, 107
Sphaecelotheca sorghi, 107
Sphaerella brassicicola, 22
Sphaerella fragariae, 22
Sphaerella gibelliana, 22
Sphaerella gypsophilae, 23
Sphaerella hedericola, 23
Sphaerella laburni var.
 eribotryae, 23
Sphaerella maculiformis, 23
Sphaerella mori, 23
Sphaerella praeparva, 23
Sphaerella pteridis, 23
Sphaerella punctiformis, 23
Sphaerella sicula, 24
 Sphaerellopsis filum, 19
Sphaeria bifrons, 46
Sphaeria concentrica, 46
Sphaeria corniformis, 47
Sphaeria deusta, 46
Sphaeria echinus, 112
Sphaeria filum, 19
Sphaeria hedericola, 23
Sphaeria trifolii, 18
Sphaeria ulmicola, 134
 Sphaeropsis, 145
 Sphaeropsis calycanthi, 145
Sphaeropsis fabaeformis, 132

- Sphaeropsis graminum*, 145
Sphaeropsis mori, 132
Sphaeropsis peckiana, 145
Sphaerotheca, 29
Sphaerotheca castagnei, 29
Sphaerotheca pannosa, 29
Sphaerulina intermixta, 26
Spilocaea, 121
Spilocaea eriobotryae, 121
Spilocaea oleaginea, 121
Spilocaea pyracanthae, 121
Spongipellis, 57
Spongipellis pachyodon, 57
Spongospora, 8
Spongospora subterranea, 8
Sporidesmium exitiosus, 109
Sporisorium, 107
Sporisorium andropogonis, 107
Sporisorium sorghi, 107
Sporormia ambigua, 26
Sporormia minima, 26
Sporormiella, 26
Sporormiella lageniformis, 26
Sporormiella minima, 26
Sporotrichum, 122
Sporotrichum laxum, 122
Sporotrichum araneorum, 114
Spumaria alba, 8
Stagonospora, 145
Stagonospora ischaemi, 145s§
Stagonospora macrospora, 140
Stamnaria, 34
Stamnaria equiseti, 34
Stamnaria persoonii, 34
Staphylotrichum, 122
Staphylotrichum coccosporum, 122
Stegonsporium, 145
Stegonsporium chlorinum, 145
Stemonitis, 7
Stemonitis fusca, 7
Stereum, 57
Stereum hirsutum, 57
Stereum purpureum, 50
Stereum reflexum, 57
Stereum speciosum, 53
Sterigmatocystis nigra, 110
Stictis pannizzei, 43
Stigmina, 122
Stigmina carpophila, 122
Stigmina platani, 122
Stigmina visianica, 122
Stilbella coccophila, 48
Stilbum, 48
Stilbum coccophilum, 48
Strobilomyces, 61
Strobilomyces floccopus, 61
Stromatinia, 34
Stromatinia narcissi, 34
Stropharia, 85
Stropharia aeruginosa, 85
Stropharia coronilla, 85
Stropharia merdaria, 85
Stropharia semiglobosa, 85
Stropharia semiglobata, 85
Stropharia squamosa, 85
Stysanus stemonitis, 114
Suillus, 61
Suillus bellini, 61
Suillus bovinus, 61
Suillus granulatus, 61
Suillus granulatus var.
 mediterraneensis, 61
Suillus luteus, 61
Synchytrium, 9
Synchytrium aureum, 9
Synchytrium globosum, 9
Synchytrium taraxaci, 9
Taphrina, 47
Taphrina aurea, 48
Taphrina bullata, 47
Taphrina caerulescens, 47
Taphrina deformans, 48
Taphrina populina, 48
Taphrina pruni, 48
Teichospora, 26
Teichospora oleicola, 26
Tephrocye, 86
Tephrocye antracophila, 86
Tephrocye coracina, 86
Tephrocye inolens, 86
Terfezia, 41
Terfezia arenaria, 41

- Terfezia boudieri*, 41
Terfezia fanfani, 41
Terfezia leonis, 41
Thanatephorus, 49
Thanatephorus cucumeris, 49
Thelephora, 57
Thelephora caryophyllea, 57
Thelephora terrestris, 57
Thielavia, 44
Thielavia basicola, 44
Thielavia bovina, 43
Thielavia hyrcania, 44
Thielaviopsis, 122
Thielaviopsis basicola, 122
Tilletia, 107
Tilletia caries, 107
Tilletia intermedia, 107
Tilletia laevis, 107
Tilletia tritici, 107
Tilletia triticoides, 107
Torula, 122
Torula terrestris, 122
Trabutia, 26
Trabutia quercina, 26
Trametes, 57
Trametes hispida, 52
Trametes pubescens, 57
Trametes versicolor, 57
Tranzschelia, 104
Tranzschelia discolor, 104
Tranzschelia pruni-spinosae, 104
Tranzschelia pruni-spinosae fo. *discolor*, 104
Tranzschelia thalictri, 103
Trematosphaeria, 27
Trematosphaeria heterospora, 27
Triblidium, 37
Triblidium rophalascum, 37
Trichaptum, 57
Trichaptum fusco-violaceum, 57
Trichoderma, 122
Trichoderma harzianum, 122
Trichoderma koningii, 122
Trichoderma pseudokoningii, 122
Trichoderma saturnisporum, 123
Trichoglossum, 34
Trichoglossum hirsutum, 34
Tricholoma, 86
Tricholoma acerbum, 86
Tricholoma albatum, 86
Tricholoma albobrunneum, 86
Tricholoma album, 86
Tricholoma argyraceum, 86
Tricholoma atosquamosum, 86
Tricholoma aurantium, 86
Tricholoma auratum, 86
Tricholoma basirubens, 86
Tricholoma batschii, 86
Tricholoma bufonium, 86
Tricholoma caligatum, 86
Tricholoma cnista, 87
Tricholoma equestre, 87
Tricholoma flavovirens, 87
Tricholoma focale, 87
Tricholoma humile, 80
Tricholoma imbricatum, 87
Tricholoma inamoenum, 87
Tricholoma irinum, 87
Tricholoma lascivum, 87
Tricholoma nudum, 78
Tricholoma nudum var. *liliacea*, 78
Tricholoma panaeolum, 78
Tricholoma pardinum, 87
Tricholoma populinum, 87
Tricholoma portentosum, 87
Tricholoma rickenii, 87
Tricholoma robustum, 87
Tricholoma roseoacereum, 87
Tricholoma russula, 76
Tricholoma saponaceum, 87
Tricholoma saponaceum var. *ardosiaca*, 87
Tricholoma saponaceum var. *squamosum* fo. *ardosiacum*, 87
Tricholoma sculpturatum, 87
Tricholoma sejunctum, 88
Tricholoma squarrulosum, 88
Tricholoma striatum, 86
Tricholoma sulphureum, 88
Tricholoma terreum, 88
Tricholoma terreum var.

- aetnense, 88
Tricholoma ustale, 88
Tricholoma ustale var. *rufaurantiaca*, 88
Tricholoma ustaloides, 88
Tricholoma variegatum, 88
Trichophyton terrestre, 30
Trichosporum, 123
Trichosporum fici, 123
Trichothecium, 123
Trichothecium candidum, 14
Trichothecium domesticum, 123
Trichothecium roseum, 123
Troglodytes faginea, 56
Tubaria, 88
Tubaria conspersa, 88
Tubaria furfuracea, 88
Tubaria pellucida, 88
Tuber, 41
Tuber aestivum, 41
Tuber borchii, 41
Tuber cibarium, 41
Tuber lacunosum, 41
Tuber rufum, 41
Tubercularia vulgaris, 35
Tuberculina, 123
Tuberculina persicina, 123
Tulostoma, 96
Tulostoma brumale, 96
Tulostoma mammosum, 96
Tylopilus, 62
Tylopilus felleus, 62
Tylostoma mammosum, 96
Tympanis vagabunda, 32
Typhula, 57
Typhula candida, 57
Uncinula, 29
Uncinula clandestina var. *clandestina*, 29
Uncinula necator var. *necator*, 30
Uncinulites, 147
Uncinulites baccarinii, 147
Uredo bliti, 9
Uredo caeoma mercurialis, 98
Uredo candidus, 10
Uredo fici, 97
Uredo ricini, 98
Uredo segetum, 108
Urocystis, 107
Urocystis anemones, 107
Urocystis magica, 108
Urocystis occulta, 108
Uromyces, 104
Uromyces anagyridis, 105
Uromyces anthyllidis, 104
Uromyces appendiculatus, 104
Uromyces astragali, 106
Uromyces astragali glycyphylloides, 106
Uromyces astragali var. *lupini*, 105
Uromyces behenis, 104
Uromyces betae, 104
Uromyces chenopodi, 104
Uromyces ciceris-arietini, 104
Uromyces ciceris-arietini var. *aetnensis*, 105
Uromyces dactylidis, 105
Uromyces fabae, 105
Uromyces genistae-tinctoriae, 105
Uromyces giganteus, 104
Uromyces glycyrrhizae, 105
Uromyces graminis, 105
Uromyces limonii, 105
Uromyces lupini, 105
Uromyces muscari, 105
Uromyces onobrychidis, 105
Uromyces pisi, 105
Uromyces proeminens, 106
Uromyces punctatus, 106
Uromyces rumicis, 106
Uromyces scillarum, 105
Uromyces striatus, 106
Uromyces terebinthi, 106
Uromyces trifolii, 106
Uromyces viciae-fabae, 106
Ustilago, 108
Ustilago avenae, 108
Ustilago bromivora, 108
Ustilago bullata, 108
Ustilago carbo, 106
Ustilago cepulae, 108
Ustilago hordei, 108
Ustilago ischaemi, 107

- Ustilago maydis*, 108
Ustilago nuda, 108
Ustilago segetum, 108
Ustilago tragopogi, 108
Ustilago tragopogonis-pratensis, 108
Ustilago tritici, 108
Ustilago vaillantii, 108
Ustilago violacea, 108
Ustilina, 47
Ustilina deusta, 47
Valsa, 16
Valsa ambiens, 16
Valsa ceratophora, 16
Valsa leucostoma, 15
Valsa mediterranea, 16
Valsa microstoma, 16
Valsa strobili, 16
Valsa vitis, 16
Valsaria, 47
Valsaria cariei, 47
Vascellum, 95
Vascellum pratense, 95
Venturia, 26
Venturia carpophila, 27
Venturia inaequalis, 27
Venturia pirina, 27
Vermicularia, 146
Vermicularia dematium, 127
Vermicularia graminum, 127
Vermicularia grandis, 146
Vermicularia liliacearum, 127
Vermicularia trichella, 127
Verticillium, 123
Verticillium albo-atrum, 123
Verticillium chlamydosporium, 123
Verticillium dahliae, 123
Verticillium lecanii, 123
Verticillium tenerum, 35
Verticillium tracheiphilum, 123
Volutella, 124
Volutella ciliata, 124
Volutella fusarioides, 124
Volvaria gloiocephala, 88
Volvaria pusilla, 88
Volvaria speciosa, 75
Volvaria volvacea, 75
Volvariella, 88
Volvariella gloiocephala, 88
Volvariella pusilla, 88
Volvariella speciosa, 89
Volvariella volvacea, 89
Xerocomus, 62
Xerocomus badius, 62
Xerocomus chrysenteron, 62
Xerocomus moravicus, 62
Xerocomus rubellus, 62
Xerocomus spadiceus, 62
Xerocomus subtomentosus, 62
Xerocomus truncatus, 62
Xylaria, 47
Xylaria corniformis, 47
Xylaria sicula, 47
Wallemia, 124
Wallemia sebi, 124
Zaghouania, 106
Zaghouania phyllireae, 106
Zignoella pulviscula, 45