Abstract: Approximately 30 years after the publication of the first Sicilian checklist of macrofungi, a new updated version is presented here. The census of macromycetes was carried out through periodic observations in different agricultural and forest ecosystems, in urban areas, in public and private gardens, and in botanical gardens. The 1919 infraspecific taxa included in 508 genera belonging to 152 families were collected in the Sicilian territory. Ectomycorrhizal fungi are the most represented ecological category, followed by saprotrophs on wood, saprotrophs on litter, and terricolous saprotrophs. The interest in this rich group of organisms is evidenced by the nutritional and therapeutic value of a high percentage of species. The actions linked to the National Recovery and Resilience Plan and The Network for the Study of Mycological Diversity will further increase the number of macrofungi for Sicily in the future.

Keywords: biodiversity; basidiomycota; ascomycota; ecology; distribution; number of fungi; Sicily; open science; the network for the study of mycological diversity

1. Introduction

The checklists are modern tools for evaluation of fungal diversity and valuable papers to highlight ecological data, and tips for management and exploitation of protected areas, agro- and forest ecosystems. Relevant studies were published around the world—in Europe and in Italy [1–8].

The assessment of fungal diversity in the Italian regions is still incomplete and needs further investigation. In most Italian regions, it is difficult to document the exact number of mushrooms due to lack of mycologists. Even greater difficulty is faced in the evaluation of the presence of hypogeous macrofungi as few research groups have dogs trained to harvest.

The territories included in the Med-Checklist consider the Italian peninsula as a separate region from a floristic point of view, and its two major islands, Sicily and Sardinia, are separately coded [9]. The environmental peculiarities of Sicily in close relation to different habitats and ecosystems [10] determine high levels of biodiversity in all groups of organisms (plants, lichens, fungi, bryophytes, algae, and insects).

On the basis of literature data reported from 1814 to 1991, a preliminary survey on fungal diversity in Sicily was carried out by Venturella [11], with an estimate of approximately 750 macromycetes. Subsequently, Venturella et al. [12] published a report on the state of fungal diversity in Italy and analyzed the number of macrofungi for each region. This study showed that Sicily boasts a high number of macrofungi compared to other Italian regions.

From 1991 to present, the study of macromycete diversity has continued unabated through an intensive exploration of forest ecosystems, natural parks, nature reserves, public and private gardens, botanical gardens, cultivated and uncultivated lands.
Based on data collected during 30 years of long-term observation, an up-to-date assessment of fungal diversity of Sicily is reported in this paper.

2. An Outline of Vegetation Types of Sicily

The physiographic uniqueness of Sicily (southern Italy) coupled with the paleogeographic vicissitudes, over time have determined the progressive evolution of a rich vascular flora (ca. 3000 species) and the presence of a number of rare species or in any case of considerable taxonomic significance [13]. In agreement with Fenaroli and Giacomini [14] and Di Martino and Raimondo [15], Sicily is considered as a floristic area in itself, well characterized by a considerable endemic contingent (approximately 1% of the entire flora), which can be defined as a Sicilian domain according to phyto-corological criteria.

The forest area of Sicily corresponds to 512,121 hectares and includes 58 types of forest vegetation [16]. The coastal and hilly belt is characterized by evergreen oak forests with *Quercus ilex* L. subsp. *ilex*, *Q. coccifera* L., and *Q. suber* L. as well as semi-evergreen oaks *Quercus pubescens* Willd. s.l. and *Q. virgiliana* (Ten.) Ten. In the warmer areas near the sea, forests can be replaced by aspects of Mediterranean maquis such as those characterized by *Juniperus turbinata* Guss., *J. oxycedrus* L. subsp. *oxycedrus*, *J. macrocarpa* Sm., *Pistacia lentiscus* L. and other sclerophyllous shrubs such as *Cistus creticus* L., *C. salvifolius* L. and *C. monspeliensis* L.

In the areas most subject to disturbance, the vegetation is currently represented by *Ampelodesmos mauritanicus* (Poir.) T. Durand & Schinz and other types of grassland and shrub communities. Even rarer are the natural forests of Mediterranean conifers such as *Pinus halepensis* Mill., *P. pinea* L. and *P. pinaster* Aiton, which are considered pioneer plants.

In the hills, the natural forest vegetation, in the hottest and driest conditions, consists of mixed forests of deciduous oaks with dominance of *Q. pubescens*, while in cooler climatic conditions, with a marked oceanic climate, are more diffused *Q. cerris* L., *Q. petraea* (Matt.) Liebl and the endemic *Q. gussonei* (Borzìi) Brullo. These species have in some cases been replaced for agricultural purposes or for the use of wood by *Corylus avellana* L., *Fraxinus ornus* L., and *Castanea sativa* Mill. The degradation aspects are represented by mesophytic shrubs dominated by different taxa belonging to the family of Rosaceae such as *Pyrus pyraster* (L.) Burgsd. and *P. amygdaliformis* Vill. The forest vegetation of the mountain area is characterized by forests of *Fagus sylvatica* L. sometimes mixed with *Acer pseudoplatanus* L., *Quercus petraea* (Mattuschka) Liebl., *Taxus baccata* L. and *Ilex aquifolium* L. An exclusive characteristic of Sicily is the presence of forests of *Q. ilex* that reach an altitude of 1500 m well above the maximum elevation found in other parts of Italy. Of considerable interest is also the presence of different endemic trees and shrubs and evidence of relict forest vegetation such as *Abies nebrodensis* (Lojac.) Mattei, *Betula aetnensis* Raf., *Celtis aetnensis* (Tornab.) Strobl, *Pinus halepensis* Mill., *Pinus laricio* Poir., *Quercus gussonei* (Borzìi) Brullo, *Zelkova sicula* Di Pasquale, Garfi & Quézel, and *Genista aetnensis* (Raf. ex Biv.) DC. Upland shrubs such as *Sorbus graeca* (Spach) Schauer and *Berberis aetnensis* C. Presl. are found in some areas lacking tree forest vegetation. Woody species that vegetate above the edge of the forest are found only on Mount Etna, but also in the Madonie. This vegetation is dominated by the shrubs of *Astragalus nebrodensis* on the Madonie and by *A. siculum* on Mount Etna.

The presence of *Fagus sylvatica* L. in Sicily can therefore be considered a remnant of the glaciations, when conditions had to be favorable even at lower altitudes.

The vegetation of the watercourses is characterized by typical riparian species such as *Salix pedicellata* Desf., *S. alba* L. and *S. purpurea* L., associated with *Populus nigra* L., *P. alba* L., *Laurus nobilis* L., *Sambucus ebulus* L., *Cornus sanguinea* L., *Prunus mahaleb* L. and *Alnus cordata* (Loisel.) Desf. [17].

In the sandy dunes, some plant associations such as *Salsolo kali–Cakiletum maritimae* Costa & Mansanet 1981, corr. Rivas-Martinez et al. 1992 and *Salsolo kali–Euphorbietum peplis* Géhu et al. 1984 are distributed.
3. Materials and Methods

The census of macromycetes was carried out through periodic observations, weekly or fortnightly (monthly during summer), in different agricultural and forest ecosystems, in urban areas, in public and private gardens, and in botanical gardens. For each species, the fresh basidiomata and ascomata were collected and subsequently identified on the basis of macroscopic (pileus, flesh, lamellae, stipe, and type of occurrence: solitary, grouped, clustered, cespitose, color of spore prints, etc.) and microscopic characters (spores, basidia, ascii, cystidia, pileipellis, element of the stipe surface, etc.), also with the help of distilled water, immersion oil, chemical reagents (Melzer’s reagent, KOH, Ammoniated Congo Red, Cotton blue-lactic acid), and analytical keys related to the different genera. Most specimens were identified solely on the basis of morphological characteristics; for some critical groups (e.g., *Daldinia* and *Pleurotus*), reference was made to previous studies using molecular analysis [18–20]. The dried specimens, prepared in a universal dryer 475 Watt stainless steel structure with 5 baskets, are kept in the Herbarium SAF of the Department of Agricultural, Food and Forest Sciences (SAAF) of the University of Palermo. The nomenclature of fungi follows Index Fungorum while that of plants refers to Euro + Med PlantBase.

4. Results

The 1919 infraspecific taxa included in 508 genera belonging to 152 families were collected in the Sicilian territory (Table 1).

**Table 1.** List of recorded taxa with indications on family, province and ecological category. **Provinces:** AG = Agrigento, CL = Caltanissetta, CT = Catania, EN = Enna, ME = Messina, PA = Palermo, RG = Ragusa, SR = Siracusa, and TP = Trapani. **Ecological categories:** Em = Ectomycorrhizal, Pm = Parasite on mushrooms, Pn = Necrotroph parasites, Sbg = Saprotrophs on burnt ground, Sd = Saprotrophs on dung, Sc = Saprotrophs on cones, Scl = Saprotrophs on cladodes, Scu = Saprotrophs on cupules, Se = Saprotrophs on esuviae, Sh = Saprotrophs on humus, Sl = Saprotrophs on litter, Sle = Saprotrophs on leaves, Sm = Saprotrophs on mosses, St = Terricolous saprotrophs, Sw = Saprotrophs on wood, and UNK = Unknown.

| Taxon                              | Family            | Provinces | Ecological Categories |
|------------------------------------|-------------------|-----------|----------------------|
| Abortiporus biennis (Bull.) Singer | Podoscyphaceae    | AG, CT, EN, ME, PA, RG, SR, TP | Sw                   |
| Agaricus altipes (F.H. Møller) F.H. Møller | Agaricaceae | AG, CT, EN, ME, PA, RG, SR, TP | St                   |
| Agaricus aridicola Geml, Geiser & Royse ex Mateos, J. Morales et al. | Agaricaceae | CT, ME, PA, RG, SR, TP | St                   |
| Agaricus arvensis Schaeff. | Agaricaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | St                   |
| Agaricus augustus Fr. var. augustus | Agaricaceae | CT, ME, PA, TP | St                   |
| Agaricus arbusci (Pilát) Pilát | Agaricaceae | CT, ME, PA | St                   |
| Agaricus bernardii Quél. | Agaricaceae | CT, ME, PA | St                   |
| Agaricus bisporatus Contu | Agaricaceae | CL, CT, ME, | St                   |
| Agaricus bisporos (J. E. Lange) Imbach | Agaricaceae | CT, ME, PA | St                   |
| Agaricus blutus (Quél.) Sacc. | Agaricaceae | CT, ME, PA | St                   |
| Agaricus bohusi Bon | Agaricaceae | CT, ME, PA | St                   |
| Agaricus bresadolans Bohus | Agaricaceae | CT, ME, PA | St                   |
| Agaricus brunneolus (J.E. Lange) Pilát | Agaricaceae | CT, ME | St                   |
| Agaricus campestris L. | Agaricaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | St                   |
| Agaricus cappellianus Hlaváček | Agaricaceae | CT, ME, PA | St                   |
| Agaricus chionodermus Pilát | Agaricaceae | CT, ME, PA | St                   |
| Agaricus comatus Fr. | Agaricaceae | AG, CT, ME, PA | St                   |
| Agaricus cupreobrunneus (Jul. Schäff. & Steer) Pilát | Agaricaceae | CT, ME, PA, TP | St                   |
| Agaricus cupressicolus Bon & Grilli | Agaricaceae | CL, CT, ME, PA | St                   |
| Agaricus denvorniensis P.D. Orton | Agaricaceae | CT, ME, PA, RG, SR | St                   |
| Agaricus fuscofibrillosus (F.H. Møller) Pilát | Agaricaceae | CT, ME | St                   |
| Agaricus gennadii (Chatin & Boud.) P.D. Orton | Agaricaceae | CL, CT, ME | St                   |
Table 1. Cont.

| Taxon                                    | Family               | Provinces | Ecological Categories |
|------------------------------------------|----------------------|-----------|-----------------------|
| *Agaricus impudicus* (Rea) Pilát         | Agaricaceae          | CT, ME    | St                    |
| *Agaricus idiosmus* Heinem.              | Agaricaceae          | CT, ME, PA| St                    |
| *Agaricus langei* (F.H. Möller) F.H. Möller | Agaricaceae        | CL, CT, ME, PA | St |
| *Agaricus lanipes* (F.H. Möller & Jul. Schäff.) Hlaváček | Agaricaceae | CT, ME, PA | St |
| *Agaricus leptotoides* Berk. & Broome    | Agaricaceae          | CT, ME, PA| St                    |
| *Agaricus litoralis* (Wakel. & A. Pearson) Pilát | Agaricaceae | CT, ME, PA, TP | St |
| *Agaricus luteomaculatus* F.H. Möller    | Agaricaceae          | PA, TP    | St                    |
| *Agaricus lutosus* F.H. Möller           | Agaricaceae          | CT, ME    | St                    |
| *Agaricus menieri* Bon                    | Agaricaceae          | CT, PA, RG| St                    |
| *Agaricus moelleri* Wasser               | Agaricaceae          | CT, ME, PA| St                    |
| *Agaricus moellerianus* Bon              | Agaricaceae          | CT, ME    | St                    |
| *Agaricus osecanus* Pilát                 | Agaricaceae          | CT, ME, PA| St                    |
| *Agaricus phaeolepidotus* F.H. Möller    | Agaricaceae          | CT, ME, PA| St                    |
| *Agaricus pilatianus* (Bohus) Bohus      | Agaricaceae          | AG, CL, CT, ME, PA | St |
| *Agaricus placomyces* Peck               | Agaricaceae          | CT, ME, PA| St                    |
| *Agaricus porphyrizon* P.D. Orton        | Agaricaceae          | PA, TP    | St                    |
| *Agaricus praecularesquamosus* A.E. Freeman var. praecularesquamosus | Agaricaceae | PA, TP | St |
| *Agaricus pseudopratensis* (Bohus) Wasser | Agaricaceae        | CL, ME, PA, SR | St |
| *Agaricus semotus* Fr.                   | Agaricaceae          | CT, ME    | St                    |
| *Agaricus sulphonatus* (J.E. Lange) Singer | Agaricaceae        | CT, ME, PA| St                    |
| *Agaricus sylvestris* Schaeff.           | Agaricaceae          | CT, ME, PA, TP | St |
| *Agaricus sylvicola* (Vittad.) Peck      | Agaricaceae          | AG, CL, CT, ME, PA | St |
| *Agaricus pilatianus* (Bohus) Bohus      | Agaricaceae          | CT, ME, EN, PA, TP | St |
| *Agaricus urinascens* (Jul. Schäff. & F.H. Möller) Singer | Agaricaceae | CL, CT, ME, PA | St |
| *Agaricus xanthodermus* Genev. subsp. xanthodermus | Agaricaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | St |
| *Agaricus xanthodermus* var. griscus* (A. Pearson) Bon & Cappelli | Agaricaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | St |
| *Agrocybe molesta* (Lasch) Singer        | Strophariaceae       | CT, ME, PA| St                    |
| *Agrocybe pedeadas* (Fr.) Fayod          | Strophariaceae       | CT, ME, PA| St                    |
| *Agrocybe praeox* (Pers.) Fayod          | Strophariaceae       | CL, PA, TP | St |
| *Agrocybe pulatinum* (Maire) Singer      | Strophariaceae       | PA, TP    | St                    |
| *Agrocybe veraciti* (Fr.) Singer         | Strophariaceae       | CT, ME, PA| St                    |
| *Albatrellopsis confluens* (Alb. & Schwein.) Teixeira | Albatrellaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| *Albatrellus ovinus* (Schaeff.) Kotl. & Pouzar | Albatrellaceae | CT, ME, PA | Em |
| *Aleuria aurantia* (Pers.) Fuckel        | Pyronemataceae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | St |
| *Aleurodiscus disciformis* (DC.) Pat.    | Stereaceae           | CT, ME, PA| Sh                    |
| *Alessioporus ichmanus* (Alessio, Galli & Littini) Gelardi, Vizzini & Simonini | Boletaceae | CT, ME, PA, TP | Em |
| *Alutaceodonta altacea* (Fr.)            | Schizoporaceae       | CT, ME, PA| Sw                    |
| *Hjortstam & Ryvarden                   | Amanitaceae          | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| *Amanita alborescens* Contu              | Amanitaceae          | CT, ME, PA| Em                    |
| *Amanita baccata* (Fr.) Gillet           | Amanitaceae          | CT, ME, PA| Em                    |
| *Amanita badia* (Schaeff.) Bon & Contu   | Amanitaceae          | CT, ME, PA| Em                    |
| *Amanita battarreae* (Boud.) Bon         | Amanitaceae          | CT, ME, PA| Em                    |
| *Amanita beckeri* Huijsman               | Amanitaceae          | CT, ME, PA| Em                    |
| *Amanita boudieri* Barla                 | Amanitaceae          | CT, ME, PA| Em                    |
| *Amanita caesarea* (Scop.) Pers.         | Amanitaceae          | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| *Amanita ceciliae* (Berk. & Broome) Bas  | Amanitaceae          | CT, ME, PA, TP | Em |
| *Amanita cistetorum* Contu & Pacioni     | Amanitaceae          | CT, ME, PA, TP | Em |
Table 1. Cont.

| Taxon                                      | Family        | Provinces     | Ecological Categories |
|--------------------------------------------|---------------|---------------|-----------------------|
| Amanita citrina Pers.                      | Amanitaceae   | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em                    |
| Amanita codinae (Maire) Bertault           | Amanitaceae   | CT, ME, PA    | Em                    |
| Amanita crocea (Quél.) Singer              | Amanitaceae   | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em                    |
| Amanita decipiens (Trimbach) Jacquet.      | Amanitaceae   | CT, ME, PA    | Em                    |
| Amanita dryophila Consiglio & Contu        | Amanitaceae   | CT, ME, PA    | Em                    |
| Amanita echinocephala (Vittad.) Quel.      | Amanitaceae   | CT, ME, PA    | Em                    |
| Amanita eliae Quel.                        | Amanitaceae   | CT, ME, PA    | Em                    |
| Amanitaexcelsa (Fr.) Bertill.              | Amanitaceae   | CT, ME, PA    | Em                    |
| Amanita franchetii (Boud.) Fayod           | Amanitaceae   | CT, ME, PA    | Em                    |
| Amanita fulva Fr.                          | Amanitaceae   | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em                    |
| Amanita genunnata (Fr.) Bertill.           | Amanitaceae   | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em                    |
| Amanita gracilis Bas & Honrubia            | Amanitaceae   | CT, ME, PA    | Em                    |
| Amanita lactea Malençon, Romagn. & D.A. Reid | Amanitaceae | CT, ME, PA    | Em                    |
| Amanita lepioides Barla                    | Amanitaceae   | CT, ME, PA    | Em                    |
| *Amanita* lividopallescens (Gillet)        | Amanitaceae   | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em                    |
| Bigeard & H. Guill.                        | Amanitaceae   | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em                    |
| *Amanita* maiorie Foley                    | Amanitaceae   | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em                    |
| *Amanita* magnivolvata Aalto               | Amanitaceae   | CT, ME, PA    | Em                    |
| *Amanita* muscaria (L.) Lam.               | Amanitaceae   | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em                    |
| *Amanita* ovoida (Bull.) Link              | Amanitaceae   | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em                    |
| *Amanita* pachyvolvata (Bon) Krieglst.     | Amanitaceae   | CT, ME, PA    | Em                    |
| *Amanita* pantherina (DC.) Krombh.         | Amanitaceae   | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em                    |
| *Amanita* phalloides (Vaill. ex Fr.) Link  | Amanitaceae   | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em                    |
| *Amanita* ponderosa Malençon & R. Heim     | Amanitaceae   | CT, ME, PA    | Em                    |
| *Amanita* porphyria Alb. & Schwein.        | Amanitaceae   | CT, ME, PA    | Em                    |
| *Amanita* proxima Dumée                    | Amanitaceae   | CT, ME, PA    | Em                    |
| *Amanita* rubescens Pers.                  | Amanitaceae   | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em                    |
| *Amanita* singeri Bas                      | Amanitaceae   | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em                    |
| *Amanita* strobliformis (Paulet ex Vittad.) Bertill. | Amanitaceae | CT, ME, PA    | Em                    |
| *Amanita* submembranacea (Bon) Gröger      | Amanitaceae   | CT, ME, PA    | Em                    |
| *Amanita* subnudipes (Romagn.) Tulloss     | Amanitaceae   | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em                    |
| *Amanita* tarda (Trimbach) Contu           | Amanitaceae   | CT, ME, PA    | Em                    |
| *Amanita* vaginata (Bull.) Lam.            | Amanitaceae   | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em                    |
| *Amanita* verna Bull. ex Lam.              | Amanitaceae   | AG, CT, ME, PA, TP | Em                    |
| *Amanita* vittadinii var. vittadinii (Moretti) Vittad. | Amanitaceae | CT, ME, PA    | Em                    |
| *Amanopysta* stiptica (Pers.) B.K. Cui, L.L. Shen & Y.C. Dai | Incertae sedis | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw                    |
| *Amaurodon* viridis (Alb. & Schwein.) J. Schröt. | Thelephoraceae | CT, ME, PA, TP | Sw                    |
| *Amphima* byssoides (Pers.) J. Eriks.       | Atheliaceae   | CT, ME, PA    | Em                    |
| *Ampulloclitocybe* claripes (Pers.) Redhead, Lutzoni, Moncalvo & Vilgalys | Hygrophoraceae | CT, ME, PA    | SI                    |
| *Amylocorticium* subbilaquatum (Litsch.) | Amylocorticaceae | ME, PA      | Sw                    |
| *Anulohypoxylon* cohaerens (Pers.) Y.M. Ju, J.D. Rogers & H.M. Hsieh | Hypoxylaceae | CT, ME, PA    | Sw                    |
| *Amylocorticium* cvenennense (Bordot) Pouzar | Amylocorticaceae | CT, ME, PA, TP | Sw                    |
| *Amyloporia* xantha (Fr.) Bondartsev & Singer | Fomitopsidaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw                    |
| *Amphistericum* chailletii (Pers.) Boidin | Echinodontiaceae | CT, ME | Sw                    |
| *Amphistericum* lacquatum (Fr.) Boidin     | Echinodontiaceae | CT, ME, PA | Sw                    |
| *Amylostereum* chailletii (Pers.) Y.M. Ju, J.D. Rogers & H.M. Hsieh | Hypoxylaceae | CT, ME, PA    | Sw                    |
| *Anthostoma* gastrinum (Fr.) Sacco.        | Diatrypeaceae  | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw                    |
| *Anthracobia* macrocystis (Cooke) Boud.    | Pyronemataceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sbg                   |
| *Anthracobia* melanoma (Alb. & Schwein.) Arnould | Pyronemataceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sbg                   |
### Table 1. Cont.

| Taxon                              | Family                  | Provinces | Ecological Categories |
|------------------------------------|-------------------------|-----------|----------------------|
| *Antrodia albida* (Fr.) Donk        | Fomitopsidaceae         | CT, ME, PA| Sw                   |
| *Antrodia gossypium* (Speg.) Ryvarden | Fomitopsidaceae         | CT, ME, PA| Sw                   |
| *Antrodia mappa* (Overh. & J. Lowe) | Fomitopsidaceae         | CT, ME, PA| Sw                   |
| Miettinen & Vlasák                 |                         |           |                      |
| *Apioperdon purpureum* (Schaeff.) Vizzini | Lycoperdaceae          | AG, CL, CT, EN, ME, PA, RG, SR, TP| Sw |
| *Armillaria cepistipes* Veleni       | Physalacriaceae         | CT, ME     | Pn                   |
| *Armillaria gallica* Marxm. & Romagn. | Physalacriaceae         | CT, ME, PA| Pn                   |
| *Armillaria lutea* Gillet           | Physalacriaceae         | CT, ME, PA| Pn                   |
| *Armillaria mellea* (Vahl) P. Kumm. | Physalacriaceae         | AG, CL, CT, EN, ME, PA, RG, SR, TP| Pn |
| *Arrhenia baespora* (Singer) Redhead, Lutzoni, Moncalvo & Vilgalys | Hygrophoraceae         | AG, CL, CT, EN, ME, PA, RG, SR, TP| Sm |
| *Arrhenia elegans* (Pers.) Redhead, Lutzoni, Moncalvo & Vilgalys | Hygrophoraceae         | AG, CL, CT, EN, ME, PA, RG, SR, TP| Sm |
| *Arrhenia lilacinicolor* (Bon) P.-A. Moreau & Courttec. | Hygrophoraceae         | CT, ME, PA| Sm                   |
| *Arrhenia rickenii* (Hora) Watling   | Hygrophoraceae         | CT, ME, PA, SR, TP| Sm |
| *Arrhenia sphathula* (Fr.) Redhead  | Hygrophoraceae         | CT, PA, RG, SR| Sm |
| *Artenomus pyxidatus* (Pers.) Jülich | Auriscalpiaceae        | CT, ME, PA| Sw                   |
| *Ascochitopsis furfuracea* Pers.    | Ascomycetes            |           |                      |
| *Ascomycetes faginea* (Peck) Seaver | Gelatinodiscaceae      | CT, ME, PA| Sm                   |
| *Aspidella solitaria* (Bull.) E.-J. Gilbert | Amanitaceae          | CL, CT, ME, PA| Em |
| *Aspropaxillus candidus* (Bres.) M.M. Moser | Tricholomataceae      | CT, ME, PA| Sm                   |
| *Aspropaxillus giganteus* (Sowerby) Kühl & Maire | Tricholomataceae      | CT, ME, PA| Sm                   |
| *Aspropaxillus leptoides* (Maire) Kühl & Maire | Tricholomataceae      | CT, ME, PA| Sm                   |
| *Asterophora lycoperdoides* (Bull.) Ditmar | Lyophyllaceae         | CT, ME, PA| Pm                   |
| *Asterophora parasitica* (Bull.) Singer | Lyophyllaceae         | CT, ME, PA| Pm                   |
| *Astraeus hygrometricus* (Pers.) Morgan | Diplocystidiaceae      | PA, RG, SR, TP| St       |
| *Athelia acrospora* Jülich         | Atheliaceae            | ME, PA, TP| Sw                   |
| *Atheliachaete galactites* (Bourdot & Galzin) | Phanerochaetaeae    | PA, TP     | Sw                   |
| Tura, Zmitr., Wasser & Spirin      |                         |           |                      |
| *Atheniella flavaolba* (Fr.) Redhead, Moncalvo, Vilgalys, Desjardin & B.A. Perry | Mycenaceae            | PA, ME, TP| Si                   |
| *Atractosporocybe inornata* (Sowerby) P. Alvarado, G. Moreno & Vizzini | Incertae Sedis        | CT, ME, PA, TP| Si |
| *Auroboletus gentilis* (Quély) Pouzar | Boletaceae              | CT, ME, PA, TP| Em |
| *Auroboletus moravicus* (Vačeck) Klofac | Boletaceae              | CT, ME, PA, TP| Em |
| *Auricularia auricula-judae* (Bull.) Quél. | Auriculariaceae        | AG, CL, CT, EN, ME, PA, RG, SR, TP| Sw |
| *Auricularia mesenterica* (Dicks.) Pers. | Auriculariaceae        | AG, CL, CT, EN, ME, PA, RG, SR, TP| Sw |
| *Auriscalpium vulgare* Gray        | Auriscalpideae         | AG, CL, CT, EN, ME, PA, RG, SR, TP| Sc |
| *Australohydnum dregeanum* (Berk.) Hjortstam & Ryvarden | Iripicaceae            | PA, TP    | Sw                   |
| *Baespora myosura* (Fr.) Singer    | Incertae Sedis         | AG, CL, CT, EN, ME, PA, RG, SR, TP| Sc |
| *Balsamia platyspora* Berk.        | Helvellaceae            | CT, ME     | Em                   |
| *Balsamia vulgaris* Vittad.         | Helvellaceae            | CT, PA, SR| Em                   |
| *Battarrea phalloides* (Dicks.) Pers. | Agariceae              | CL, CT, PA| St                   |
| *Berta moriformis* (Tode) De Not.  | Bertiaceae             | AG, CL, CT, EN, ME, PA, RG, SR, TP| Sw |
| *Biscogniauxia mediterranea* (De Not.) Kuntze | Graphostromataceae     | CT, ME, PA| Pn                   |
| *Biscogniauxia nummularia* (Bull.) Kuntze | Graphostromataceae     | CT, ME, PA| Pn                   |
| *Bjerkandera adusta* (Willd.) P. Karst. | Phanerochaetaeae      | AG, CL, CT, EN, ME, PA, RG, SR, TP| Pn |
| *Boletopsis grisea* (Peck) Bondartsev & Singer | Bankeraceae            | CT, ME, PA| Em                   |
| *Boletopsis lencemelaena* (Pers.) Fayod | Bankeraceae            | CT, ME, PA| Em                   |
Table 1. Cont.

| Taxon                        | Family           | Provinces | Ecological Categories |
|------------------------------|------------------|-----------|-----------------------|
| Boletus aereus Bull.         | Boletaceae       | AG, CT, CL, EN, ME, PA, RG, SR, TP | Em                    |
| Boletus edulis Bull.         | Boletaceae       | AG, CT, CL, EN, ME, PA, RG, SR, TP | Em                    |
| Boletus pinophilus Pilát & Dermek | Boletaceae | CT, ME, PA | Em                    |
| Boletus reticulatus Schaeff. | Boletaceae       | AG, CT, CL, EN, ME, PA, RG, SR, TP | Em                    |
| Boletus rhodopurpureus Smotl. | Boletaceae       | AG, CT, CL, EN, ME, PA, RG, SR, TP | Em                    |
| Boletus speciosus Frost      | Boletaceae       | CT, ME, PA | Em                    |
| Bonomyces sinopicus (Fr.) Vizzini | Pseudoclitocybaceae | AG, CT, ME, PA | SI                    |
| Botryobasidium isabellinum (Fr.) D.P. Rogers | Botryobasidaceae | ME, PA, TP | Sw                    |
| Botryobasidium pruinatum (Bres.) J. Erikss. | Botryobasidaceae | ME, PA, TP | Sw                    |
| Bovista aestivalis (Bonord.) Demoulin | Lycoperdaceae | AG, PA, TP | SI                    |
| Bovista nigrescens Pers.     | Lycoperdaceae    | CT, ME, PA | SI                    |
| Bovista plumbea Pers.        | Lycoperdaceae    | AG, ME, PA, TP | SI                    |
| Bovista tomentosa (Vittad.) De Toni | Lycoperdaceae | CT, ME | SI                    |
| Bovistella utriformis (Bull.) Demoulin & Rebriev | Lycoperdaceae | AG, CT, CL, EN, ME, PA, RG, SR, TP | SI                    |
| Britzelmayria multepadata (Peck) D. Wächt. & A. Melzer | Psathyrellaceae | AG, ME, PA, TP | Sw                    |
| Brunneoporus maticola (Berk. & M.A. Curtis) Audet | Fomitopsidaceae | CT, ME, PA | Sw                    |
| Buchwaldoboletus hemichrysus (Berk. & M.A. Curtis) Pilát | Boletaceae | CT, ME, PA, TP | Sw                    |
| Buchwaldoboletus lignicola (Kallenb.) Pilát | Boletaceae | CT, PA, TP | Sw                    |
| Bulgaria inquinas (Pers.) Fr. | Phacidiae        | AG, CT, CL, EN, ME, PA, RG, SR, TP | Sw                    |
| Butyriboletus appendiculatus (Schaeff.) D. Arora & J.L. Frank | Boletaceae | AG, CT, CL, EN, ME, PA, RG, SR, TP | Em                    |
| Butyriboletus fechtnieri (Velen.) D. Arora & J.L. Frank | Boletaceae | AG, CT, CL, EN, ME, PA, RG, SR, TP | Em                    |
| Butyriboletus pseudoregius (Heinr. Huber) D. Arora & J.L. Frank | Boletaceae | AG, CT, CL, EN, ME, PA, RG, SR, TP | Em                    |
| Butyriboletus regius (Krombh.) D. Arora & J.L. Frank | Boletaceae | AG, CT, CL, EN, ME, PA, RG, SR, TP | Em                    |
| Byssocorticium atrovirens (Fr.) Bondartsev & Singer | Atheliaceae | ME, PA, TP | Sw                    |
| Byssomerulius corium (Pers.) Parmasto | Irpiceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw                    |
| Byssomerulius hirtellus (Burt) Parmasto | Irpiceae | ME, PA, TP | Sw                    |
| Byssonectria deformis (P. Karst.) U. Lindem. & M. Vega | Pyronemataceae | ME, PA, TP | Sbg                    |
| Callistosporium luto-olivaceum (Berk. & M.A. Curtis) Singer | Callistosporiaceae | CT, ME, PA | Sw                    |
| Caloboletus calopus (Pers.) Vizzini | Boletaceae | AG, CT, CL, EN, ME, PA, RG, SR, TP | Em                    |
| Caloboletus radicans (Pers.) Vizzini | Boletaceae | AG, CT, CL, EN, ME, PA, RG, SR, TP | Em                    |
| Calocera cornea (Batsch) Fr. | Dacrymycetaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw                    |
| Calocera viscosa (Pers.) Fr. | Dacrymycetaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw                    |
| Calocybe chrysenteron (Bull.) Singer | Lyophyllaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | St                    |
| Calocybe favrei (R. Haller Aar. & R. Haller Suhr) Bon | Lyophyllaceae | CT, ME | St                    |
| Calocybe gambosa (Fr.) Donk | Lyophyllaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | St                    |
| Calocybe gangraenosa (Fr.) V. Hofst., Moncalvo, Redhead & Vilgalys | Lyophyllaceae | AG, ME, PA | St                    |
| Calocybe hypoxantha (Joss. & Riousset) Bon | Lyophyllaceae | CT, ME | St                    |
| Calocybe ionides (Bull.) Donk | Lyophyllaceae | CT, ME, PA | St                    |
| Calocybe littoralis Ballero & Contu | Lyophyllaceae | CT, ME, PA | St                    |
| Calocybe onychina (Fr.) Donk | Lyophyllaceae | CT, ME, PA | St                    |
| Calonarius callochrous (Pers.) | Cortinariaceae | CT, ME | Em                    |
| Calonarius flavovirens (Rob. Henry) Niskanen & Liimat. | Cortinariaceae | CT, ME | Em                    |
| Calonarius flavovirens (Rob. Henry) Niskanen & Liimat. | Cortinariaceae | CT, ME | Em                    |
Table 1. Cont.

| Taxon                                     | Family          | Provinces | Ecological Categories |
|-------------------------------------------|-----------------|-----------|-----------------------|
| Calonarius frondosophilus (Bidaud)        | Cortinariaceae  | CT, ME    | Em                    |
| Niskanen & Liimat.                        |                 |           |                       |
| Calonarius olearioides (Rob. Henry)       | Cortinariaceae  | CT, ME    | Em                    |
| Niskanen & Liimat.                        |                 |           |                       |
| Calongea prieuensis (Mor.-Arr., J. Gómez & Calonge) Healy, Bonito & Trappe | Pezizaceae       | ME        | UNK                   |
| Calvatia candida (Rostk.) Holios           | Lycoperdaceae   | CT, ME    | St                    |
| Calvatia cyanophilus (Bosc) Morgan        | Lycoperdaceae   | CT, ME, PA, TP | St                  |
| Calvatia gigantea (Batsch) Lloyd          | Lycoperdaceae   | CT, ME, PA | St                    |
| Calycina citrina (Hedw.) Gray             | Pezizellaceae   | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw         |
| Calycina herbarum (Pers.) Gray             | Pezizellaceae   | CT, ME, PA | Sw                    |
| Caloleomyces candolleanus (Fr.) D. Wächt. & A. Melzer | Psathyrellaceae | CT, ME | Sw                   |
| Candolleomyces leucotephrus (Berk. & Broome) D. Wächt. & A. Melzer | Psathyrellaceae | CT, ME | Sw                   |
| Cantharellula umbonata (J.F. Gmel.) Singer | Hygrophoraceae  | CT, ME    | Em                    |
| Cantharellus alborufescens (Malaçon)      | Hydnaceae       | CT, ME, PA | Em                    |
| Papetti & S. Alberti                      |                 |           |                       |
| Cantharellus amethysteus (Quel.) Saccone  | Hydnaceae       | CT, ME, PA | Em                    |
| Cantharellus cibarius Fr. var. cibarius   | Hydnaceae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em         |
| Cantharellus cinereus (Pers.) Fr.         | Hydnaceae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em         |
| Cantharellus ferruginascens P.D. Orton    | Hydnaceae       | CT, ME, TP | Em                    |
| Cantharellus frisiell Quel.               | Hydnaceae       | CT, ME, PA | Em                    |
| Cantharellus lilacinoprinuatus Hermitte,  | Hydnaceae       | CT, ME    | Em                    |
| Eyssart & Poumarat                        |                 |           |                       |
| Cantharellus melanoxeros Desm.            | Hydnaceae       | CT, ME, PA, TP | Em                |
| Cantharellus pallens Pilát                | Hydnaceae       | CT, ME, PA | Em                    |
| Cellularella warnieri (Durieu & Mont.)     | Polyporaceae    | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw         |
| Zmitr. & Malyshev                         |                 |           |                       |
| Ceracomyces tessulatus (Cooke) Jülich      | Amylocorticaceae| CT, ME, PA, TP | Sw                |
| Ceriporia alachauana (Murrill) Hallenb.    | Irpicaceae      | CT, ME, PA | Em                    |
| Ceriporia aurantiocaruncens (Henn.) M.     | Irpicaceae      | CT, ME, PA, TP | Em                |
| Pieri & B. Rivoire                        |                 |           |                       |
| Ceriporia excelsa S. Lundell ex Parmasto  | Irpicaceae      | CT, ME, PA | Em                    |
| Ceriporia griseoviolascens M.              | Irpicaceae      | CT, ME, PA, TP | Em                |
| Pieri & B. Rivoire                        |                 |           |                       |
| Ceriporia purpurea (Fr.) Donk              | Irpicaceae      | CT, ME, PA, TP | Em                |
| Ceriporiosis mucida (Pers.)                | Merulaceae      | CT, ME, PA, TP | Em                |
| Gilb & Ryvarden                           |                 |           |                       |
| Cerioporus leptocephalus (Jacq.) Zmitr.    | Polyporaceae    | CT, ME    | Sw                    |
| Cerioporus meridionalis (A. David)         | Polyporaceae    | PA, TP    | Sw                    |
| Zmitr. & Kovalenko                         |                 |           |                       |
| Cerioporus squamosus (Huds.) Quel.         | Polyporaceae    | CT, ME, PA | Sw                    |
| Zmitr. & Kovalenko                         |                 |           |                       |
| Cerrena unicolor (Bull.) Murrill           | Cerrenaceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw         |
| Chalcioporus pipatrix (Bulla) Bataille    | Boletaceae      | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em         |
| Chalcioporus rubinus (W.G. Sm.) Singer     | Boletaceae      | CT, ME    | Em                    |
| Chamaemyces fracidus (Fr.) Donk            | Agaricaceae     | CT, ME    | SI                    |
| Cheilymenia aurantiocarubra K.S. Thind &   | Pyronemataceae  | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sd         |
| S.C. Kaushal                               |                 |           |                       |
| Cheilymenia fimicola (Bagl.) Dennis        | Pyronemataceae  | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sd         |
| Cheilymenia granulata (Bull.) J. Moravec   | Pyronemataceae  | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sd         |
| Cheilymenia pulcherrima (P. Crouan & H. Crouan) Boud. | Pyronemataceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sd         |
| Cheilymenia raripila (W. Phillips) Dennis  | Pyronemataceae  | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sd         |
| Cheilymenia stercorea (Pers.) Boud.        | Pyronemataceae  | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sd         |


| Taxon                                      | Family                  | Provinces | Ecological Categories |
|--------------------------------------------|-------------------------|-----------|-----------------------|
| *Chlorociboria aeruginascens* (Nyl.) Kanouse ex C.S. Ramamurthi, Korf & L.R. Batra | Chlorociboriaceae       | AG, CT, EN, ME, PA, RG, SR, TP | St                     |
| *Chlorophyllum brunneum* (Farl. & Burt) Vellinga | Agaricaceae             | CT, ME, PA | St                     |
| *Chlorophyllum molybdites* (G. Mey.) Massee | Agaricaceae             | AG, CL, CT, EN, ME, PA, RG, SR, TP | St                     |
| *Choirmyces meandriformis* Vittad.         | Tuberaeae               | CT, ME, PA | UNK                   |
| *Chondrostereum purpureum* (Pers.) Pouzar  | Cyphellaceae            | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw                     |
| *Choogomphus falminceus* (R. Heim) Courtec. | Gomphidiaceae           | AG, CT, ME, PA, TP | Em                    |
| *Choogomphus helveticus* (Singer) M.M. Moser | Gomphidiaceae           | AG, CT, ME, PA, TP | Em                    |
| *Chroogomphus rutilus* (R. Heim) Courtec.  | Gomphidiaceae           | AG, CT, EN, ME, PA, RG, SR, TP | Sw                     |
| *Ciboria amentacea* (Balb.) Fuckel          | Sclerotiniaceae         | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw                     |
| *Ciboria batschiana* (Zopf) N.F. Buchw.    | Sclerotiniaceae         | CT, ME, PA, RG, TP | Sw                     |
| *Ciboria polygoni-vicarii* Eckblad         | Sclerotiniaceae         | CT, ME, PA, RG, TP | Sw                     |
| *Clathrus archeri* (Berk.) Dring            | Phallaceae              | CT, ME     | SI                    |
| *Clathrus ruber* P. Micheli ex Pers.       | Phallaceae              | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI                     |
| *Clavaria acuta* Sowerby                   | Clavariaceae            | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI                     |
| *Clavaria atrifusca* Velen.                | Clavariaceae            | AG, CT, ME, PA | SI                    |
| *Clavaria fragilis* Holmsk.                | Clavariaceae            | AG, CT, ME, PA | SI                    |
| *Clavaria funosa* Pers.                    | Clavariaceae            | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI                     |
| *Clavariadelphus flavoimmaturus* R.H. Petersen | Clavariadelphaceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI                     |
| *Clavariadelphus pistillaris* (L.) Donk     | Clavariadelphaceae      | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI                     |
| *Clavariadelphus truncatus* Donk            | Clavariadelphaceae      | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI                     |
| *Clavulina amethystina* (Bull.) Donk        | Hydnaceae               | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em                     |
| *Clavulina cinerea* (Bull.) J. Schröt.     | Hydnaceae               | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em                     |
| *Clavulina coralloides* (L.) J. Schröt.    | Hydnaceae               | CT, ME, PA | Em                    |
| *Clavulina cristata* (Holmsk.) J. Schröt.  | Hydnaceae               | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em                     |
| var. cristata                              | Hydnaceae               | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em                     |
| *Clavulina rugosa* (Bull.) J. Schröt.      | Hydnaceae               | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em                     |
| *Clavulopsis corniculata* (Schaeff.) Corner | Clavariaceae            | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em                     |
| *Clavulopsis fusiformis* (Sowerby) Corner   | Clavariaceae            | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em                     |
| *Clavulopsis laeticolor* (Berk. & M.A. Curtis) R.H. Petersen | Clavariaceae            | CT, ME, PA, TP | Em                    |
| *Clitocybe amnophila* (Malençon) Consiglio | Entolomataceae          | CT, PA, RG | Em                    |
| *Clitocybe popinalis* (Fr.) Kluting, T.J.  | Entolomataceae          | CL, CT, PA, RG | Em                    |
| Baroni & Bergemann                         | Clitocybe aestivis Harmaja | Incertae Sedis | CT, ME, PA | SI                |
| *Clitocybe amaurensis* Harmaja             | Incertae Sedis          | CL, CT, ME, PA, RG, TP | SI                     |
| *Clitocybe concava* (Scop.) Gillet         | Incertae Sedis          | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI                     |
| *Clitocybe cistophila* Bon & Contu          | Incertae Sedis          | CT, ME     | SI                    |
| *Clitocybe costata* Kühner & Romagn.       | Incertae Sedis          | AG, PA, TP | SI                    |
| *Clitocybe dealbata* (Sowerby) P. Kumm.    | Incertae Sedis          | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI                     |
| *Clitocybe diatreta* (Fr.) P. Kumm.        | Incertae Sedis          | CT, ME     | SI                    |
| *Clitocybe fasciculata* H.E. Bigelow & A.H. Sm. | Incertae Sedis          | CT, ME, PA | SI                    |
| *Clitocybe fragrans* (With.) P. Kumm.      | Incertae Sedis          | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI                     |
| *Clitocybe hydrogramma* (Bull.) P. Kumm.   | Incertae Sedis          | CT, ME, PA | SI                    |
| *Clitocybe infundibuliformis* (Schaeff.) Quel. | Incertae Sedis          | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI                     |
| *Clitocybe leucodiatreta* Bon               | Incertae Sedis          | CL, PA, RG, SR | SI                     |
| *Clitocybe metachroa* (Fr.) P. Kumm.       | Incertae Sedis          | CT, ME     | SI                    |
| *Clitocybe nebularis* (Batsch) P. Kumm.    | Incertae Sedis          | CT, ME, PA | SI                    |
| *Clitocybe obscura* (Batsch) Quel.         | Incertae Sedis          | AG, CL, PA, TP | SI                     |
| *Clitocybe odorata* (Bull.) P. Kumm.       | Incertae Sedis          | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI                     |
| *Clitocybe phaeocephalina* (Pers.) Kuyper  | Incertae Sedis          | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI                     |
| Taxon                                                   | Family              | Provinces         | Ecological Categories |
|--------------------------------------------------------|---------------------|-------------------|-----------------------|
| Clitocybe phyllophila (Pers.) P. Kumm.                 | Incertae Sedis      | CL, CT, ME, PA, TP| SI                    |
| Clitocybe rivulosa (Pers.) P. Kumm.                    | Incertae Sedis      | CL, CT, PA, RG, SR| SI                    |
| Clitocybe subspadica (J.E. Lange) Bon & Chevassut      | Incertae Sedis      | CT, ME            | SI                    |
| Clitocybe truncicola (Peck) Sacc.                      | Incertae Sedis      | CT, ME, PA        | SI                    |
| Clitocybe umbilicata F. Kumm.                          | Incertae Sedis      | AG, PA, TP        | SI                    |
| Clitocybe vibecina (Fr.) Quél.                         | Incertae Sedis      | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| Clitopaxillus alexandri (Gillet) G. Moreno, Vizzini, Consiglio & P. Alvarado | Pseudoclitocybaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| Clitopilus cystidiatus Hauskn. & Noordel.              | Entolomataceae      | CT, ME            | Em                    |
| Clitopilus alexandri (Paulet) Noordel. & Co-David     | Entolomataceae      | AG, CT, ME, PA, SR, TP | Em |
| Chlorophyllum agaricoides (Czern.) Yellinga            | Incertae Sedis      | CT, ME            | SI                    |
| Collybia butyracea (Bull.) P. Kumm.                    | Omphalotaceae       | CL, CT, EN, ME, PA, RG, SR, TP | SI |
| Collybia cirrhata (Schumach.) Quéll.                   | Incertae Sedis      | CT, ME, PA        | SI                    |
| Collybia cockei (Bres.) J.D. Arnold                    | Incertae Sedis      | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| Collybia nivea (Mont.) Dennis                          | Incertae Sedis      | CT, ME            | SI                    |
| Collybia oes (Fr.) P. Karst.                           | Incertae Sedis      | CT, ME            | SI                    |
| Coltricia perennis (L.) Murrill                        | Hymenochaetaceae    | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| Colus hirudinosus Cavalier & Sèchier                   | Phallaceae          | PA, TP            | SI                    |
| Coniophora arida (Fr.) P. Karst.                       | Coniophoraceae      | AG, PA            | Sw                    |
| Coniophora olivacea (Fr.) P. Karst.                    | Coniophoraceae      | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| Coniophora puteana (Schumach.) P. Karst.               | Coniophoraceae      | AG, PA            | Sw                    |
| Conocybe aperu (Schumach.) J. Hongo                    | Bolbitiaceae        | CT, ME            | SI                    |
| Conocybe blattaria (Fr.) Kühner                        | Bolbitiaceae        | CT, EN, ME, PA, TP| SI                    |
| Conocybe dunensis T.J. Wallace                         | Bolbitiaceae        | CL, PA            | SI                    |
| Conocybe filaris (Fr.) Kühner                          | Bolbitiaceae        | CT, ME, PA, SR    | SI                    |
| Conocybe intrusa (Peck) Singer                         | Bolbitiaceae        | CT, ME            | SI                    |
| Conocybe podella (Pers.) Kühner                         | Bolbitiaceae        | CT, ME            | SI                    |
| Conocybe pubescens (Gillet) Kühner                     | Bolbitiaceae        | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| Conocybe rugosa (Peck) Watling                        | Bolbitiaceae        | CT, EN, ME, PA, TP| SI                    |
| Conocybe tenera (Scheaff. Fayod)                       | Bolbitiaceae        | PA, TP            | SI                    |
| Contumyes vesuviana (V. Bríg.) Redhead, Moncalvo, Vilgalys & Lutzoni | Rickenellaceae      | CT, EN, ME, PA, TP| Sm                    |
| Coprinellus angulatus (Peck) Redhead, Vilgalys & Moncalvo | Psathyrellaceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| Coprinellus disseminatus (Pers.) J.E. Lange            | Psathyrellaceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| Coprinellus domesticus (Bolton) Vilgalys, Hopple & Jacq. Johnson | Psathyrellaceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| Coprinellus ephemerus (Bull.) Redhead, Vilgalys, Hopple & Jacq. Johnson | Psathyrellaceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| Coprinellus impatiens (Fr.) J.E. Lange                 | Psathyrellaceae     | CT, ME            | SI                    |
| Coprinellus micaceus (Bull.) Vilgalys, Hopple & Jacq. Johnson | Psathyrellaceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| Coprinellus radians (Desm.) Vilgalys, Hopple & Jacq. Johnson | Psathyrellaceae     | CT, ME, PA        | SI                    |
| Coprinellus silvestris (Peck) Gminder                  | Psathyrellaceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| Coprinellus truncorum (Scop.) Redhead, Vilgalys & Moncalvo | Psathyrellaceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| Coprinellus xanthothrix (Romagn.) Vilgalys, Hopple & Jacq. Johnson | Psathyrellaceae     | CT, ME            | SI                    |
| Coprinopsis atramentaria (Bull.) Redhead, Vilgalys & Moncalvo | Psathyrellaceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| Coprinopsis kimurae (Hongo & Aoki) Redhead, Vilgalys & Moncalvo | Psathyrellaceae     | CT, ME            | SI                    |
### Table 1. Cont.

| Taxon | Family       | Provinces | Ecological Categories |
|-------|--------------|-----------|-----------------------|
| Coprinopsis lagopus (Fr.) Redhead, Vilgalys & Moncalvo | Psathyrellaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| Coprinopsis marcescibulis (Britzelm.) Örstedius & E. Larss. | Psathyrellaceae | CT, ME, PA | SI |
| Coprinopsis melanthina (Fr.) Örstedius & E. Larss. | Psathyrellaceae | CL, PA | SI |
| Coprinopsis nivea (Pers.) Redhead, Vilgalys & Moncalvo | Psathyrellaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sd |
| Coprinopsis patouillardii (Quél.) Gminder | Psathyrellaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| Coprinopsis piceaee (Bull.) Redhead, Vilgalys & Moncalvo | Psathyrellaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| Coprinopsis radiata (Bolton) Redhead, Vilgalys & Moncalvo | Psathyrellaceae | CT, ME, PA | SI |
| Coprinopsis stercorea (Fr.) Redhead, Vilgalys & Moncalvo | Psathyrellaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sd |
| Coprinopsis strossmayeri (Schulzer) Redhead, Vilgalys & Moncalvo | Psathyrellaceae | PA | Sw |
| Coprinus alepecia Lasch | Agaricaceae | CT, ME, PA | SI |
| Coprinus astroideus (Fr.) Fr. | Agaricaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| Coprinus comatus (O.F. Müll.) Pers. | Agaricaceae | AG, CL, PA, TP | SI |
| Coprinus sterquilinus (Fr.) Fr. | Agaricaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sd |
| Coprinus vososustil Pilát | Incertae sedis | CT, ME, PA | Sd |
| Coprotus lacteus (Cooke & W. Phillips) Kimbr., Luck-Allen & Cain | Cordycepicaceae | TP | Se |
| Corinectria fuckeliana (C. Booth) C. González & P. Chaverri | Nectriaceae | PA, TP | Sw |
| Coriolopsis gallica (Fr.) Ryvarden | Polyporaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| Coronicium gemmiferum (Bourdout & Galzin) J. Eriks. & Ryvarden | Pterulaceae | PA, TP | Sw |
| Cortinarius alboviolaceus (Pers.) Fr. | Cortinariaceae | CT, ME, PA | Em |
| Cortinarius anomalus (Fr.) Fr. | Cortinariaceae | CT, ME, PA | Em |
| Cortinarius anthracinus Fr. | Cortinariaceae | CT, ME, PA | Em |
| Cortinarius arcuatus Rob. Henry | Cortinariaceae | CT, ME, PA | Em |
| Cortinarius atrorivens Kalchbr. | Cortinariaceae | CT, ME, PA | Em |
| Cortinarius balteatocumatilis Rob. Henry | Cortinariaceae | CT, ME, PA | Em |
| Cortinarius biporiger Contu | Cortinariaceae | CT, ME, PA | Em |
| Cortinarius bulliardii (Pers.) Fr. | Cortinariaceae | CT, ME, PA | Em |
| Cortinarius caerulescens (Schaefl.) Fr. | Cortinariaceae | CT, ME, PA | Em |
| Cortinarius caesiocanescens M.M. Moser | Cortinariaceae | CT, ME, PA | Em |
| Cortinarius caligatus Malençon | Cortinariaceae | CT, ME, PA | Em |
| Cortinarius callochrous (Pers.) Gray | Cortinariaceae | CT, ME, PA | Em |
| Cortinarius camphoratus (Fr.) Fr. | Cortinariaceae | CT, ME | Em |
| Cortinarius cedretorum Maire | Cortinariaceae | CT, ME, PA, TP | Em |
| Cortinarius cinnabinarius Fr. | Cortinariaceae | CT, ME, PA | Em |
| Cortinarius collinitus (Sowerby) Gray | Cortinariaceae | CT, ME | Em |
| Cortinarius coloneus Fr. | Cortinariaceae | AG, PA, TP | Em |
| Cortinarius croceus (Schaefl.) Gray | Cortinariaceae | CT, ME | Em |
| Cortinarius cristallinus Fr. | Cortinariaceae | CT, ME | Em |
| Cortinarius cyanescus (Bres.) M.M. Moser | Cortinariaceae | CT, ME, PA | Em |
| Cortinarius decipiens (Pers.) Fr. | Cortinariaceae | CT, ME, PA | Em |
| Cortinarius diabolicus (Fr.) Fr. | Cortinariaceae | CT, ME | Em |
| Cortinarius dibaphus Fr. | Cortinariaceae | CT, ME, PA | Em |
| Cortinarius diosmus Kühner | Cortinariaceae | CT, ME | Em |
| Cortinarius duracinius Fr. | Cortinariaceae | CT, ME | Em |
| Cortinarius elatior Fr. | Cortinariaceae | CT, ME, PA, TP | Em |
Table 1. Cont.

| Taxon                                | Family           | Provinces | Ecological Categories |
|--------------------------------------|------------------|-----------|-----------------------|
| Cortinarius elegantior (Fr.) Fr.     | Cortinariaceae   | CT, ME, PA| Em                    |
| Cortinarius elegantissimus Rob. Henry| Cortinariaceae   | CT, ME, PA| Em                    |
| Cortinarius fulvo-ochraceus (Pers.) Fr. | Cortinariaceae   | CT, ME, PA| Em                    |
| Cortinarius glaukopis (Schaeff.) Gray| Cortinariaceae   | CT, ME, PA| Em                    |
| Cortinarius herculeus Malenoçon       | Cortinariaceae   | CT, ME, PA| Em                    |
| Cortinarius hinnuleus Fr.            | Cortinariaceae   | CT, ME, PA| Em                    |
| Cortinarius hinnuloides Rob. Henry   | Cortinariaceae   | CT, ME, PA| Em                    |
| Cortinarius iliopodius (Bull.) Fr.   | Cortinariaceae   | CT, ME, PA| Em                    |
| Cortinarius infractus (Pers.) Fr.    | Cortinariaceae   | CT, ME, PA| Em                    |
| Cortinarius luridus Rob. Henry       | Cortinariaceae   | CT, ME, PA| Em                    |
| Cortinarius meridionalis Bidaud, Moënne-Locc. & Reumaux | Cortinariaceae | CT, ME, PA | Em |
| Cortinarius olearioides Rob. Henry  | Cortinariaceae   | CT, ME, PA| Em                    |
| Cortinarius orellanus Fr.            | Cortinariaceae   | CT, ME, PA| Em                    |
| Cortinarius phaeophyllus P. Karst.   | Cortinariaceae   | CT, ME, PA| Em                    |
| Cortinarius praestans (Cordier) Gillet | Cortinariaceae   | CT, ME, PA| Em                    |
| Cortinarius pulchripes J. Favre      | Cortinariaceae   | CT, ME    | Em                    |
| Cortinarius purpurascens Fr. var. purpurascens | Cortinariaceae | CT, ME    | Em                    |
| Cortinarius rapaceus Fr.             | Cortinariaceae   | CT, ME    | Em                    |
| Cortinarius rigens (Pers.) Fr.       | Cortinariaceae   | CT, ME    | Em                    |
| Cortinarius rubellus Cooke           | Cortinariaceae   | CT, ME    | Em                    |
| Cortinarius rufo-olivaceus (Pers.) Fr. | Cortinariaceae   | CT, ME    | Em                    |
| Cortinarius salor Fr.                | Cortinariaceae   | CT, ME    | Em                    |
| Cortinarius saporatus Britzelm.      | Cortinariaceae   | AG, CT, ME| PA                    |
| Cortinarius saturninus (Fr.) Fr.     | Cortinariaceae   | CT, ME, PA| Em                    |
| Cortinarius scutulatus (Fr.) Fr.     | Cortinariaceae   | CT, ME, PA| Em                    |
| Cortinarius semisanguineus (Fr.) Gillet | Cortinariaceae   | CT, ME    | Em                    |
| Cortinarius sodagnitus Rob. Henry    | Cortinariaceae   | CT, ME    | Em                    |
| Cortinarius splendens Rob. Henry     | Cortinariaceae   | CT, ME    | Em                    |
| Cortinarius trivialis J.E. Lange     | Cortinariaceae   | CT, ME, PA| TP                    |
| Cortinarius variecolor (Pers.) Fr.   | Cortinariaceae   | CT, ME    | Em                    |
| Cortinarius venetus (Fr.) Fr.        | Cortinariaceae   | CT, ME    | Em                    |
| Cortinarius violaceus (L.) Gray      | Cortinariaceae   | CT, ME    | Em                    |
| Cortinarius volvatus A.H. Sm.        | Cortinariaceae   | CT, ME    | Em                    |
| Cortinarius xanthophyllus (Scop.) Fr. | Cortinariaceae   | CT, ME    | Em                    |
| Crepidotus applanatus (Pers.) Kumm.  | Crepidotaceae    | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| Crepidotus autochthonus J.E. Lange   | Crepidotaceae    | CT, ME    | Em                    |
| Crepidotus bresadoleae Pilât         | Crepidotaceae    | CT, ME    | Em                    |
| Crepidotus calolepis (Fr.) P. Karst. | Crepidotaceae    | CT, ME, PA| TP                    |
| Crepidotus caspari Velen.            | Crepidotaceae    | CT, ME, PA| Em                    |
| Crepidotus cesatii (Rabenh.) Sacc.   | Crepidotaceae    | CT, ME, PA| Em                    |
| Crepidotus epiphyrus (Fr.) Quel.     | Crepidotaceae    | CT, ME, PA| Em                    |
| Crepidotus mollis (Schaeff.) Staude var. mollis | Crepidotaceae | CT, ME, PA, TP | Sw |
| Crepidotus subverrucisporus Pilât    | Crepidotaceae    | CT, ME    | Em                    |
| Crepidotus variabilis (Pers.) Kumm.  | Crepidotaceae    | AG, PA, SR, TP | Sw |
| Crinipellis scabella (Alb. & Schwein.) Kuyper | Marasmiaceae | AG, CL, CT, ME, PA, TP | SI |
| Taxon                                | Family                      | Provinces | Ecological Categories |
|-------------------------------------|-----------------------------|-----------|-----------------------|
| *Cristinia helvetica* (Pers.) Parmasto | Stephanosporaceae           | CT, ME, PA, TP | Sw                    |
| *Cristinia rhenana* Grosse-Brauckm. | Stephanosporaceae           | CT, ME, PA, TP | Sw                    |
| *Cryptomarasmius corbariensis* (Roum.) T.S. Jenkinson & Desjardin | Physalaciaceae            | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sle |
| *Crucibulum crucibuliforme* (Scop.) VS. White | Incertae Sedis          | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Crucibulum laeve* (Huds.) Kambly | Incertae Sedis | AG, CT, ME, PA | Sw |
| *Cuphophyllus fornicatus* (Fr.) Lodge, Padamsee & Vizzini | Hygrophoraceae         | CT, ME, PA | Sl |
| *Cuphophyllus pratensis* (Pers.) Bon Mill. | Hygrophoraceae       | CT, ME, PA | Sl |
| *Cuphophyllus virgineus* (Wulfen) Kovalenko | Hygrophoraceae    | AG, CT, ME, PA, PA, RG, SR, TP | Sd |
| *Cupreocephalus poikilochromus* (Pöder, Cetto & Zuccher.) Simonini, Gelardi & Vizzini | Boletaceae | CT, ME, PA | Em |
| *Cyanoboletus flavosanguineus* (Lavorato & Simonini) Pierotti | Boletaceae | CT, ME, PA | Em |
| *Cyanoboletus pulverulentus* (Opat.) Gelardi, Vizzini & Simonini | Polyporaceae | CT, ME, PA | Sw |
| *Cyanosporus caesius* (Schrad.) McGinty | Polyporaceae | CT, ME, PA | Sw |
| *Cyanosporus subcaesius* (A. David) B.K. Cui, L.L. Shen & Y.C. Dai | Polyporaceae | CT, ME, PA | Sw |
| *Cystidiopostia hibernica* (Berk. & Broome) B.K. Cui, L.L. Shen & Y.C. Dai | Helotiaceae | CT, ME, PA | Sw |
| *Cyathicula cyathoida* (Bull.) Thüm. | Helotiaceae | CT, ME, PA | Sw |
| *Cyathus olla* (Batsch) Pers. | Incertae Sedis | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| *Cyathus stercoreus* (Schwein.) De Toni | Incertae Sedis | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sd |
| *Cyclocybe cylindracea* (DC.) Vizzini & Angelini | Tubariaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Cylindrobasidium laeve* (Pers.) Chamuris | Physalaciaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Cylindrobasidium evolvens* (Fr.) Jülich | Physalaciaceae | CT, ME, PA | Sw |
| *Cystoderma amiantinum* (Scop.) Fayod | Incertae Sedis | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sm |
| *Cystoderma carcharias* (Pers.) Fayod | Incertae Sedis | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sm |
| *Cystoderma adnatioloides* (Peck) Harmaja | Incertae Sedis | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sm |
| *Cystoderma ambrosii* (Bres.) | Incertae Sedis | CT, ME, PA | Sm |
| *Cystoderma cinnabarina* (Alb. & Schwein.) | Incertae Sedis | CT, ME, PA | Sm |
| *Cystoderma granulosus* (Batsch) Harmaja | Incertae Sedis | CT, ME, PA | Sm |
| *Cystoderma terricola* (Berk. & Broome) Bellù | Incertae Sedis | CT, ME, PA | Sm |
| *Cystolepiota cystophora* (M. Bon) Japel, Bon | Agaricaeae | CT, ME, PA | Sm |
| *Daedalea quercina* (Berk.) Parmasto | Cystostereaceae | CT, ME, PA, TP | Sw |
| *Dacrymyces capitatus* Schwein. | Dacrymycetaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Dacrymyces minor* Peck | Dacrymycetaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Dacrymyces stillatus* Nees | Dacrymycetaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Dacrymyces variosporus* McNabb | Dacrymycetaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Daedalea quercina* (L.) Pers. | Fomitopsidaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Daedaleopsis confragosa* (Bolton) J. Schröt. | Polyporaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Daedaleopsis nitida* (Durieu & Mont.) Zmitr. & Malysheva | Polyporaceae | CT, ME, PA | Sw |
| *Daldinia concentrica* (Bolton) Ces. & De Not. | Hypoxylaceae | AG, CL, CT, PA, RG, TP | Sw |
| *Daldinia martini* M. Stadler, Venturella & Wollw. | Hypoxylaceae | AG, CL, CT, PA, RG, TP | Sw |
| *Daldinia raimundi* M. Stadler, Venturella & Wollw. | Hypoxylaceae | AG, CL, CT, PA, RG, TP | Sw |
| Taxon                     | Family             | Provinces  | Ecological Categories |
|--------------------------|--------------------|------------|-----------------------|
| Dalidinia vernicosa Ces. & De Not. | Hypoxylaceae       | CT, ME     | Sw                    |
| Dalomyces philippinii (Massee) Seaver | Pezizaceae         | CT, ME     | Sbg                   |
| Dasyscyphella nivea (R. Hedw.) Raivt. | Lachnaceae         | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| Deconica coprophila (Bull.) P. Karst. | Strophariaceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sd |
| Deconica montana (Pers.) P.D. Orton | Strophariaceae     | CT, ME     | Sd                    |
| Delicatula integrella (Pers.) Fayod | Incertae Sedis    | CT, ME     | Sm                    |
| Dematophora necatrix R. Hartig | Xylariaceae        | PA, TP     | Sw                    |
| Dendrothele acerina (Pers.) P.A. Lemaire | Discidium tabescens (Scop.) | AG, CL, CT, En, ME, PA, RG, SR, TP | Pn |
| Koch & Aime               |                    |            |                       |
| Descolea alba (Klotzsch) Kuhar, Nouhra & M.E. Sm. | Bollitiaeae | PA, RG | UNK |
| Dianglechia episphaeria (Tode) Cooke | Nectriaceae        | PA, TP     | Sw                    |
| Diatrype disciformis (Hoffm.) Fr. | Diatrypaceae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| Diatrype stigma (Hoffm.) Fr. | Diatrypaceae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| Diatrype quercina (Pers.) Cooke | Discinaceae        | CT, ME, PA | Sd                    |
| Discina fastigiata (Krombh.) |                      |            |                       |
| Svrebek & J. Moravec     |                    |            |                       |
| Discina melaleuca Bres.  |                    |            |                       |
| Discicous venosa (Pers.) Arnould, | Nectriaceae        | PA, TP     | Sw                    |
| Discidea bisvista (Klotzsch) Benn. | Morchellaceae     | CT, ME, PA | Sd                    |
| Dissingia confusa (Harvajka) K. Hansen & X.H. Wang | Helvellaceae     | AG, CL, CT, ME, PA, RG, SR, TP | Sd |
| Dissingia leucotoma (Pers.) K. Hansen & X.H. Wang | Helvellaceae     | CL, PA, RG, TP | Sd |
| Dumontinia tuberosa (Bull.) L.M. Kohn | Sclerotiniaceae   | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sd |
| Echinoderma asperum (Pers.) Bon | Agaricaceae       | PA, TP     | Sd                    |
| Echinoderma echinaceum (J.E. Lange) Bon | Agaricaceae       | CT, ME, PA | Sd                    |
| Epifila tuberculata (P. Karst.) Zmitr. & Spirin | Irpicaceae        | AG, CL, EN, ME, PA, RG, SR, TP | Sw |
| Eichleriella deutilens (Berk. & Broome) Lloyd | Elaphomyces aspharicus | CT, ME, PA | Em |
| Elaphomyces citrinus | Elaphomyces aspharicus | CT, ME, PA | Em |
| Elaphomyces granulatus Fr. | Elaphomyces aspharicus | CT, ME, PA | Em |
| Elaphomyces maculatus Vittad. | Elaphomyces aspharicus | CT, ME, PA | Em |
| Elatopria polarisapulata (J. Moravec) Van Vooren | Pezizaceae        | PA, TP     | SI                    |
| Entocybe nitida (Quel.) T.J. Baroni, Largent & V. Hofst. | Entolomataceae   | ME, CT     | SI                    |
| Entocybe turbida (Fr.) T.J. Baroni, V. Hofst. & Largent | Entolomataceae   |            | SI                    |
| Entoloma aethiops (Scop.) G. Stev. | Entolomataceae   | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sd |
| Entoloma aprile (Britzelm.) Sacc. | Entolomataceae   | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sd |
| Entoloma asprellum (Fr.) Fayod | Entolomataceae   | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sd |
| Entoloma atrocoeruleum Noordel. | Entolomataceae   | CT, ME, PA | Sd                    |
| Entoloma baxaimii (Berk. & Broome) Sacc. | Entolomataceae   | CT, ME, PA | Sd                    |
| Entoloma caecioscinptum (Kühner) Noordel. | Entolomataceae   | CT, ME     | Sd                    |
| Entoloma chalybeum (Pers.) Noordel. | Entolomataceae   | CT, ME     | Sd                    |
| Entoloma clepyrum (L.) P. Kumm. | Entolomataceae   | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sd |
| Entoloma conferendum (Birtzelm.) Noordel. | Entolomataceae   | CT, ME, PA | Sd                    |
| Entoloma corvinum (Kühner) Noordel. | Entolomataceae   | CT, ME, PA | Sd                    |
| Entoloma griseoarensis (Kühner) | Entolomataceae   | CT, PA, TP | SI                    |
| M.M. Moser | Entolomataceae       | ME, CT     | SI                    |
Table 1. Cont.

| Taxon                          | Family                  | Provinces | Ecological Categories |
|-------------------------------|-------------------------|-----------|-----------------------|
| Entoloma incanum (Fr.) Hesler | Entolomataceae          | CT, ME, PA| SI                    |
| Entoloma indutoides (P.D. Orton) Noordel. | Entolomataceae          | CT, ME, PA| SI                    |
| Entoloma junctum (Kühner & Romagn.) Noordel. | Entolomataceae          | CT, ME    | SI                    |
| Entoloma kuehnerianum Noordel. | Entolomataceae          | CT, ME    | SI                    |
| Entoloma lividaalbum (Kühner & Romagn.) Kubíčka | Entolomataceae          | PA, TP    | SI                    |
| Entoloma mougouli (Fr.) Hesler | Entolomataceae          | CT, ME, PA| SI                    |
| Entoloma papillatum (Bres.) Dennis | Entolomataceae          | CT, ME    | SI                    |
| Entoloma plebeoides (Schulzer) Noordel. | Entolomataceae          | CT, ME, PA| SI                    |
| Entoloma plebejum (Kalchbr.) Noordel. | Entolomataceae          | CT, ME, PA| SI                    |
| Entoloma rhodopolium (Fr.) P. Kumm. | Entolomataceae          | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| Entoloma sericeum Quél. | Entolomataceae          | CT, ME, PA| SI                    |
| Entoloma serrulatum (Fr.) Hesler | Entolomataceae          | CT, ME, PA| SI                    |
| Entoloma sinuatum (Bull.) P. Kumm. | Entolomataceae          | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| Entoloma undatum (Gillet) M.M. Moser | Entolomataceae          | CT, ME, PA, TP | SI |
| Erastia salmonicolor (Berk. & M.A. Curtis) Niemelä & Kinnunen | Incertae sedis          | ME, PA, TP | Sw                    |
| Eutypella prunastri (Pers.) Sacc. | Diatrypaceae            | ME, PA, TP | Sw                    |
| Exidia flavulosa (Bull.) Fr. | Auriculariaceae         | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| Exidia thuretiana (Lév.) Fr. | Auriculariaceae         | CT, ME, PA | SI                    |
| Exidiopsis calceae (Pers.) K. Wells | Auriculariaceae         | CT, ME, PA | SI                    |
| Exidiopsis effusa Bref. | Auriculariaceae         | CT, ME, PA | SI                    |
| Exidiopsis galzinii (Bres.) Killerm. | Auriculariaceae         | CT, ME, PA | SI                    |
| Exidiopsis leucophaea (Bres.) K. Wells | Auriculariaceae         | CT, ME, PA | SI                    |
| Faerberia carbonaria (Alb. & Schwein.) Pouzar | Incertae Sedis          | ME, PA, TP | Sw                    |
| Fayodia anthracobia (J. Favre) Knudsen | Incertae Sedis          | CT, ME    | Sbg                   |
| Fibroporia vaillantii (DC.) Parmasto | Fibroporaceae           | CT, ME    | Sw                    |
| Fibulomyces mutabilis (Bres.) Jülich | Atheliaceae             | PA         | Sw                    |
| Fischerella macrosporæ Matthir. | Morchellaceae           | PA         | UNK                   |
| Fistulina hepatica (Schaeff.) With. | Incertae Sedis          | CT, ME, PA | Sw                    |
| Flammulaster carpophilus (Fr.) Earle ex Vellinga | Tubariaceae             | CT, ME, PA | Sw                    |
| Flammulina zelatipes (Curtis) Singer | Physalacriaceae         | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| Fomes fomentarius (L.) Fr. | Polyporaceae            | CT, EN, ME, PA | Sw                    |
| Fontiporia junipericola Rivoire & Pirlot | Hymenochaetaceae        | CT, ME    | Sw                    |
| Fontiporia punctata (P. Karst.) Murrill | Hymenochaetaceae        | CT, ME, PA | Sw                    |
| Fontiporia pseudopunctata (A. David, Dequatre & Fiasson) Fiasson | Hymenochaetaceae        | ME         | Sw                    |
| Fuscioperia contigua (Pers.) G. Cunn. | Hymenochaetaceae        | CT, ME, PA | Sw                    |
| Fuscioperia torulosa (Pers.) T. Wagner & M. Fisch. | Hymenochaetaceae        | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| Fuscoporia leucophylla (Gillet) B.K. Cui, L.L. Shen & Y.C. Dai | Incertae sedis          | PA         | Sw                    |
| Galerina graminea (Velen.) Kühner | Hymenogastraceae        | CL, CT, PA | SI                    |
| Galerina hypnorum (Schrank) Kühner | Hymenogastraceae        | TP         | SI                    |
| Galerina graminea (Velen.) Kühner | Hymenogastraceae        | CT, ME    | SI                    |
| Galerina marginata (Batsch) Kühner | Hymenogastraceae        | CT, ME, PA | SI                    |
| Galerina stylifera (G.F. Atk.) A.H. Sm. & Singer | Hymenogastraceae        | CT, ME    | SI                    |
| Galerina triscopa (Fr.) Kühner | Hymenogastraceae        | CT, ME    | SI                    |
| Gamundia leucophylla (Gillet) H.E. Bigelow | Incertae Sedis          | CT, ME    | SI                    |
| Ganoderma adspersum (Schulzer) Donk | Polyporaceae            | AG, TP    | Sw                    |
| Ganoderma ammoniatum (Pers.) Pat. | Polyporaceae            | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| Ganoderma australis (Fr.) Pat. | Polyporaceae            | PA         | Sw                    |
| Ganoderma lucidum (Curtis) P. Karst. | Polyporaceae            | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
### Table 1. Cont.

| Taxon | Family             | Provinces | Ecological Categories |
|-------|--------------------|-----------|----------------------|
| *Ganoderma resinaceum* | Polyporaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Ganoderma tsugae* | Polyporaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Ganoderma valesiacum* | Polyporaceae | CT, ME, PA | Sw |
| *Geastrum ambiguum* | Geastraceae | CT, ME | SI |
| *Geastrum campestrae* | Geastraceae | CT, ME, PA | SI |
| *Geastrum coronatum* | Geastraceae | CT, ME, PA, TP | SI |
| *Geastrum elegans* | Geastraceae | CT, ME, PA, RG | SI |
| *Geastrum floriforme* | Geastraceae | TP | SI |
| *Geastrum fumarum* (Huds.) Hook. | Geastraceae | CT, ME, PA | SI |
| *Geastrum kotrebae* V. Staněk | Geastraceae | CT, ME | SI |
| *Geastrum lageniforme* | Geastraceae | CT, ME, PA | SI |
| *Geastrum nanum* | Geastraceae | CT, ME, PA | SI |
| *Geastrum pectinatum* Pers. | Geastraceae | CT, ME, PA, TP | SI |
| *Geastrum saccatum* Fr. | Geastraceae | CT, ME, PA, TP | SI |
| *Geastrum striatum* DC. | Geastraceae | CT, ME, PA, TP | SI |
| *Geastrum triplex* Jungh. | Geastraceae | AG, PA | SI |
| *Genea fragrans* (Wallr.) Sacc. | Pyronemataceae | EN, ME, PA, SR | UNK |
| *Genea hispidula* Berk. ex Tul. & C. Tul. | Pyronemataceae | PA | Em |
| *Genea lespiaultii* Corda | Pyronemataceae | EN, ME, PA, SR | Em |
| *Genea sphaerica* Tul. & C. Tul. | Pyronemataceae | CT, PA | Em |
| *Genea verrucosa* Vittad. | Pyronemataceae | AG, ME, PA, TP, SR | Em |
| *Geoglossum barlae* Boud. | Geoglossaceae | CT, ME, PA, TP | SI |
| *Geoglossum cookeanum* Nannf. ex Minter & P.F. Cannon | Geoglossaceae | CT, ME, PA, TP | SI |
| *Geoglossum peckianum* Cooke | Geoglossaceae | CT, ME | SI |
| *Geoglossum similile* Peck | Geoglossaceae | CT, ME | SI |
| *Geoglossum umbratile* Sacc. | Geoglossaceae | PA, TP | SI |
| *Geopora arenicola* (Lév.) Kers | Pyronemataceae | PA, RG, SR | SI |
| *Geopora arenosa* (Fuckel) S. Ahmad | Pyronemataceae | CL, SR | SI |
| *Geopora clausa* (Tul. & C. Tul.) Burds. | Pyronemataceae | CT, ME, PA, TP | SI |
| *Geopora cooperi* Harkn. | Pyronemataceae | CT, ME, PA, TP | SI |
| *Geopora fimitata* (Scheff.) S. Ahmad | Pyronemataceae | CT, ME, PA, TP | SI |
| *Geopora saccata* Burds. | Pyronemataceae | AG, PA, TP | SI |
| *Geopora sumneriana* (Cooke ex W. Phillips) M. Torre | Pyronemataceae | AG, PA, TP | SI |
| *Gyopyxis carbonaria* (Alb. & Schwein.) Sacc. | Pyronemataceae | AG, PA, TP | Sbg |
| *Gyoscypha ampelina* (Gillet) Van | Pezizaceae | CT, ME | SI |
| *Vooren & Dougoud* | Pezizaceae | CT, ME | SI |
| *Glyophorus irrigatus* (Pers.) A.M. Ainsw. & P.M. Kirk | Hygrophoraceae | TP | SI |
| *Glyophorus psittacinus* (Scheff.) Herink | Hygrophoraceae | PA, TP | SI |
| *Gloeocystidiellum luridum* (Bres.) Boidin | Stereaceae | CT, ME, PA | Sw |
| *Gloeocystidiellum porosum* (Berk. & M.A. Curtis) Donk | Stereaceae | PA | Sw |
| *Gloeodonta columbiensis* Burd. ex Burds. & Lombard | Incertae Sedis | PA, TP | Sw |
| *Gloeophyllum abbreviatum* (Bull.) P. Karst. | Gloeophyllaceae | PA | Sw |
| *Gloeophyllum sepiarium* (Wulfen) P. Karst. | Gloeophyllaceae | AG, CL, PA, TP | Sw |
| *Gloiothele citrina* (Pers.) Peniophoraceae | Peniophoraceae | PA, TP | Sw |
| *Gloiothele lactescens* (Berk.) Hjortstam | Peniophoraceae | PA, TP | Sw |
| *Gomphius glauconius* (Scheff.) Fr. | Gomphidiaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| *Gomphius tyrhenicus* D. Antonini & M. Antonini | Gomphidiaceae | CT, ME | Em |
| *Grifola frondosa* (Dicks.) Gray | Grifolaceae | CT, ME, PA | Sw |
| *Gymnopilus hybridus* (Gillet) Maire | Hymenogastraceae | AG | Sw |
Table 1. Cont.

| Taxon                                      | Family               | Provinces         | Ecological Categories |
|--------------------------------------------|----------------------|-------------------|-----------------------|
| Gymnopilus junonius (Fr.) P.D. Orton       | Hymenogastraceae     | AG, CT, ME, PA, TP| Sw                    |
| Gymnopilus luteofolius (Peck) Singer       | Hymenogastraceae     | CT, ME            | Sw                    |
| Gymnopilus penetrans (Fr.) Murrill         | Hymenogastraceae     | CL, CT, ME, TP    | Sw                    |
| Gymnopilus sapineus (Fr.) Murrill          | Hymenogastraceae     | PA, TP            | Sw                    |
| Gymnopilus stabilis (Weim.) Kühner & Romagn. ex Bon | Hymenogastraceae | CT, ME            | Sw                    |
| Gymnopilus suberis (Maire) Singer          | Hymenogastraceae     | PA, TP, RG, SR    | Sw                    |
| Gymnopus alkalivirens (Singer) Halling     | Omphalotaceae        | PA                | Sw                    |
| Gymnopus androsaceus (L.) Della Magg. & Trassin. | Omphalotaceae     | CT, ME, PA        | Sw                    |
| Gymnopus aquosus (Bull.) Antonin & Noordel. | Omphalotaceae        | PA, TP            | Si                    |
| Gymnopus brassicolens (Romagn.) Antonin & Noordel. | Omphalotaceae    | CT, ME, PA, TP    | Si                    |
| Gymnopus dryophilus (Bull.) Murrill        | Omphalotaceae        | AG, CL, CT, EN, ME, PA, RG, SR, TP | Si |
| Gymnopus erythropus (Pers.) Antonin, Halling & Noordel. | Omphalotaceae   | CT, ME, PA        | Si                    |
| Gymnopus foetidus (Sowerby) P.M. Kirk     | Omphalotaceae        | AG, CL, CT, EN, ME, PA, RG, SR, TP | Si |
| Gymnopus fusipes (Bull.) Gray              | Omphalotaceae        | CT, ME, PA        | Si                    |
| Gymnopus hariolorum (Bull.) Antonin, Halling & Noordel. | Omphalotaceae | CT, ME, PA, TP    | Si                    |
| Gymnopus impudicus (Fr.) Antonin, Halling & Noordel. | Omphalotaceae | CT, ME, PA, TP    | Si                    |
| Gymnopus ociar (Pers.) Antonin & Noordel. | Omphalotaceae        | PA, TP            | Si                    |
| Gyrodon lividus (Bull.) Sacc.              | Discinaceae          | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| Gyromitra esculenta (Pers.) Fr.            | Discinaceae          | AG, CL, CT, EN, ME, PA, RG, SR, TP | Si |
| Gyromitra gigas (Krombh.) Cooke           | Discinaceae          | CT, ME            | Si                    |
| Gyromitra infula (Scheaff.) Quel.          | Discinaceae          | CT, ME, PA        | Si                    |
| Gyromitra leucoxantha (Bres.) Harmaja      | Discinaceae          | CT, ME            | Si                    |
| Gyroporus castaneus (Bull.) Quel.          | Gyroporaceae         | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| Gyroporus cyanescens (Bull.) Quel.         | Gyroporaceae         | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| Hapalopilus ratilans (Pers.) Murrill       | Phanerochaetaceae    | CT, ME, PA        | Sw                    |
| Hebeloma album Peck                        | Hymenogastraceae     | CT, ME            | Si                    |
| Hebeloma amnophilum Bohus                  | Hymenogastraceae     | CT, CL, PA        | Si                    |
| Hebeloma anthropophilum Maire              | Hymenogastraceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP | Si |
| Hebeloma birrus (Fr.) Gillet               | Hymenogastraceae     | CT, ME, PA        | Si                    |
| Hebeloma bulbiferum Maire                  | Hymenogastraceae     | CT, ME            | Si                    |
| Hebeloma cistophilum Maire                 | Hymenogastraceae     | PA, TP            | Si                    |
| Hebeloma crustuliniforme (Bull.) Quel.      | Hymenogastraceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP | Si |
| Hebeloma fastibile (Pers.) P. Kumm.        | Hymenogastraceae     | CT, ME, TP        | Si                    |
| Hebeloma favrei Romagn. & Quadr.           | Hymenogastraceae     | CT, ME            | Si                    |
| Hebeloma hiemale Bres.                     | Hymenogastraceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP | Si |
| Hebeloma laterinum (Batsch) Vesterh.       | Hymenogastraceae     | CT, ME, PA, TP    | Si                    |
| Hebeloma leucosarx P.D. Orton              | Hymenogastraceae     | CT, ME, PA        | Si                    |
| Hebeloma malenconii Bellù & Lanzoni        | Hymenogastraceae     | CT, ME, PA        | Si                    |
| Hebeloma mesophaeum (Pers.) Quel.          | Hymenogastraceae     | CT, ME, PA, TP    | Si                    |
| Hebeloma populinum Romagn.                 | Hymenogastraceae     | CT, ME            | Si                    |
| Hebeloma pusillum J.E. Lange               | Hymenogastraceae     | CT, ME            | Si                    |
| Hebeloma radicosum (Bull.) Ricken           | Hymenogastraceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP | Si |
| Hebeloma sacchariolen Quel.                | Hymenogastraceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP | Si |
| Hebeloma sarcophilum (Peck) Sacc.          | Hymenogastraceae     | PA, TP            | Si                    |
| Hebeloma sinapizans (Paulet) Gillet        | Hymenogastraceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP | Si |
| Hebeloma subsapinosum Bon                  | Hymenogastraceae     | CT, ME            | Si                    |
| Hebeloma subsapinosum P. Karst.            | Hymenogastraceae     | CT, ME            | Si                    |
| Hebeloma subtorutum P. Karst.              | Hymenogastraceae     | CT, ME            | Si                    |
| Hebeloma testaceum Quel.                   | Hymenogastraceae     | CT, ME, PA        | Si                    |
| Hebeloma theobrominum Quadr.               | Hymenogastraceae     | CT, ME            | Si                    |
| Taxon                            | Family                  | Provinces         | Ecological Categories |
|---------------------------------|-------------------------|-------------------|-----------------------|
| *Hebeloma versipelle* (Fr.) Gillet | Hymenogastraceae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI                    |
| *Helvella acetabulum* (L.) Quel. | Helvellaceae            | AG, CL, PA        | SI                    |
| *Helvella atrata J. König*       | Helvellaceae            | PA, TP            | SI                    |
| *Helvella costifera* Nannf.      | Helvellaceae            | PA                | SI                    |
| *Helvella crispa* (Scop.) Fr.    | Helvellaceae            | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI                    |
| *Helvella ebulistic* Bull.       | Helvellaceae            | CT, ME, PA, TP    | SI                    |
| *Helvella ephippium* Lév.        | Helvellaceae            | CT, ME, PA        | SI                    |
| *Helvella fibrosa* (Wallr.) Korf | Helvellaceae            | CT, ME, PA        | SI                    |
| *Helvella fusca* Gillet          | Helvellaceae            | CT, ME, PA        | SI                    |
| *Helvella juniperi* M. Filippa & Baiano | Helvellaceae       | CT, ME            | SI                    |
| *Helvella lacunosa* Afzel.       | Helvellaceae            | AG, ME, PA, TP    | SI                    |
| *Helvella leucopus* Pers.        | Helvellaceae            | CT, ME            | SI                    |
| *Helvella panormitana* Inzenga   | Helvellaceae            | CT, ME, PA        | SI                    |
| *Helvella solidaria* P. Karst.   | Helvellaceae            | CT, ME, PA, TP    | SI                    |
| *Helvella spadicea* Schaeff.     | Helvellaceae            | CT, ME, PA        | SI                    |
| *Hemileccinum depilatum* (Redeuilh) Šutara | Boletaceae     | CT, ME, PA        | Em                    |
| *Hemileccinum impolitum* (Fr.) Šutara | Boletaceae     | AG, CT, ME, PA, TP | Em                    |
| *Hemimmicena cucullata* (Pers.) Singer | Mycenaceae     | CT, ME, PA        | Sm                    |
| *Hemimmicena lactea* (Pers.) Singer | Mycenaceae     | AG, PA, TP        | Sm                    |
| *Hemimmynces candidus* (Pers.) Kuntze | Incertae Sedis     | PA, TP            | Sw                    |
| *Hericium cirrhatum* (Pers.) Nikol. | Hericicaceae     | PA                | Sw                    |
| *Hericium coralloides* (Scop.) Pers. | Hericicaceae     | CT, ME, PA        | Sw                    |
| *Hericium erinaceus* (Bull.) Pers. | Hericicaceae     | ME, PA            | Sw                    |
| *Heterobasion annosum* (Fr.) Bref. | Bondarzewiaceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw                    |
| *Hohenbuehelia atrocoerulea* (Fr.) Singer | Pleurotaceae     | ME, PA            | St                    |
| *Hohenbuehelia mastrucata* (Fr.) Singer | Pleurotaceae     | CT, ME, PA        | St                    |
| *Hohenbuehelia petaloideis* (Bull.) Schulzer | Pleurotaceae     | CT, ME, PA, TP    | St                    |
| *Hohenbuehelia tremula* (Schaeff.) Thorn & G.L. Barron | Pleurotaceae     | CT, ME            | St                    |
| *Hortiboletus engeli* (Hlaváček) Biketova & Wasser | Boletaceae     | CT, ME, PA        | Em                    |
| *Hortiboletus rubellus* (Krombh.) Simonini, Vizzini & Gelardi | Boletaceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em                    |
| *Humaria hemisphaerica* (F.H. Wigg.) Fuckel | Pyronemataceae     | PA, TP            | Em                    |
| *Hydnangium carneum* Wallr.      | Hydnangiaceae          | EN, PA, RG, TP    | UNK                   |
| *Hydnellum aurantiacum* (Batsch) P. Karst. | Bankeraceae     | CT, ME            | St                    |
| *Hydnellum concrescens* (Pers.) Banker | Bankeraceae     | PA, TP            | St                    |
| *Hydnellum ferruginen* (Fr.) P. Karst. | Bankeraceae     | PA, TP            | St                    |
| *Hydnellum glaucopus* (Maas Geest. & Nannf.) E. Larss., K.H. Larss. & Köljalg | Bankeraceae     | CT, ME, PA        | St                    |
| *Hydnellum lepidus* (Maas Geest.) E. Larss., K.H. Larss. & Köljalg | Bankeraceae     | CT, ME, PA        | St                    |
| *Hydnum albidum* Peck             | Hydnaceae              | AG, CL, CT, EN, ME, PA, RG, SR, TP | St                    |
| *Hydnum magnorufescens* Vizzini, Picillo & Contu | Hydnaceae     | CT, ME            | St                    |
| *Hydnum repandum* L.             | Hydnaceae              | PA, TP            | St                    |
| *Hydrops floccipes* (Fr.) Singer | Mycenaceae            | CT, ME            | Sw                    |
| Taxon | Family | Provinces | Ecological Categories |
|-------|--------|-----------|-----------------------|
| Hygrocybe acutoconica (Clem.) Singer | Hygrophoraceae | CT, ME, PA | St |
| Hygrocybe aurantiosplendens R. Haller Aar. | Hygrophoraceae | CT, ME, PA | St |
| Hygrocybe ceracea (Sowerby) P. Kumm. | Hygrophoraceae | CT, ME, PA | St |
| Hygrocybe cereopallida (Clémençon) P. Roux & Eyssart. | Hygrophoraceae | CT, ME | St |
| Hygrocybe chlorophana (Fr.) Wünsche | Hygrophoraceae | CT, ME, PA, TP | St |
| Hygrocybe citrina (Rea) J.E. Lange | Hygrophoraceae | CT, ME, PA, TP | St |
| Hygrocybe citrinovirens (J.E. Lange) Jul. Schäff. | Hygrophoraceae | CT, ME, PA, TP | St |
| Hygrocybe coccinea (Schaeff.) P. Kumm. | Hygrophoraceae | AG, PA | St |
| Hygrocybe conica (Schaeff.) P. Kumm. | Hygrophoraceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | St |
| Hygrocybe conicae (Schaeff.) P. Kumm. | Hygrophoraceae | PA, SR | St |
| Hygrocybe flavescens (Kauffm.) Singer | Hygrophoraceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | St |
| Hygrocybe glutinipes (J.E. Lange) R. Haller Aar. | Hygrophoraceae | CT, ME, PA | St |
| Hygrocybe marchii (Bres.) F.H. Møller | Hygrophoraceae | CT, ME, PA | St |
| Hygrocybe miniata (Fr.) P. Kumm. | Hygrophoraceae | CT, ME | St |
| Hygrocybe mollis (Berk. & Broome) M.M. Moser | Hygrophoraceae | CT, ME | St |
| Hygrocybe mucronella (Fr.) P. Karst. | Hygrophoraceae | CT, ME, PA, TP | St |
| Hygrocybe nigrescens (Quél.) Kühner | Hygrophoraceae | CT, ME, PA, TP | St |
| Hygrocybe punicea (Fr.) P. Kumm. | Hygrophoraceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | St |
| Hygrocybe quieta (Kühner) Singer | Hygrophoraceae | CT, ME | St |
| Hygrocybe spadicea (Scop.) P. Karst. | Hygrophoraceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | St |
| Hygrocybe splendidissima (P.D. Orton) M.M. Moser | Hygrophoraceae | CT, ME, PA | St |
| Hygrocybe subpapillata Kühner | Hygrophoraceae | CT, ME, PA | St |
| Hygrophoropsis aurantiaca (Wulfen) Maire | Hygrophoropsidaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | St |
| Hygrophorus agathosmus (Fr.) Fr. | Hygrophoraceae | CT, ME, PA | Em |
| Hygrophorus arbuscatus Fr. | Hygrophoraceae | CT, ME, PA | Em |
| Hygrophorus atramentosus (Alb. & Schwein.) H. Haas & R. Haller Aar. ex Bon | Hygrophoraceae | CT, ME, PA | Em |
| Hygrophorus calophyllum P. Karst. | Hygrophoraceae | CT, ME, PA | Em |
| Hygrophorus camphoratus (Alb. & Schwein.) Dumê, Grandjean & Maire | Hygrophoraceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| Hygrophorus chrysodon (Batsch) Fr. | Hygrophoraceae | CT, ME, PA | Em |
| Hygrophorus cossus (Sowerby) Fr. | Hygrophoraceae | CT, ME, PA, TP | Em |
| Hygrophorus discoxanthus (Fr.) Rea | Hygrophoraceae | CT, ME, PA, TP | Em |
| Hygrophorus discoideus (Pers.) Fr. | Hygrophoraceae | ME, PA | Em |
| Hygrophorus erubescens (Fr.) Fr. | Hygrophoraceae | CT, ME, PA | Em |
| Hygrophorus fagi G. Becker & Bon | Hygrophoraceae | CT, ME | Em |
| Hygrophorus glicyclycus Fr. | Hygrophoraceae | CT, ME | Em |
| Hygrophorus hyacinthinus Quél. | Hygrophoraceae | CT, ME | Em |
| Hygrophorus hypothejus (Fr.) Fr. | Hygrophoraceae | CT, ME, PA | Em |
| Hygrophorus latitabundus Britzelm. | Hygrophoraceae | AG, PA, TP | Em |
| Hygrophorus leucophaeo-ilicis Bon & Chevassut | Hygrophoraceae | CT, ME, PA | Em |
| Hygrophorus lindneri M.M. Moser | Hygrophoraceae | CT, ME, PA | Em |
| Hygrophorus melicus (Fr.) Fr. | Hygrophoraceae | CT, ME, PA | Em |
| Hygrophorus nemoreus (Pers.) Fr. | Hygrophoraceae | CT, ME, PA | Em |
| Hygrophorus ocicacoelulus (Fr.) Fr. | Hygrophoraceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| Hygrophorus penarius Fr. | Hygrophoraceae | PA, TP | Em |
| Hygrophorus persoonii Arnolds | Hygrophoraceae | PA, TP | Em |
| Hygrophorus pseudodiscoides (Maire) Maléon & Bertault | Hygrophoraceae | CT, ME, PA | Em |
Table 1. Cont.

| Taxon                          | Family            | Provinces | Ecological Categories |
|-------------------------------|-------------------|-----------|-----------------------|
| Hygrophorus roseodiscoideus   | Hygrophoraceae    | AG, PA    | Em                    |
| Bon & Chevassut               |                   |           |                       |
| Hygrophorus russula (Schaeff. ex Fr.) Kauffman | Hygrophoraceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| Hygrophorus speciosus Peck    | Hygrophoraceae    | CT, ME, PA| Em                    |
| Hymenochaete rubiginosa (Dicks.) Lév. | Hymenogastraceae | CT, ME, PA | Em |
| Hymenogaster bulliardii Vittad. | Hymenogastraceae | PA         | Em                    |
| Hymenogaster calosporus Tul. & C. Tul. | Hymenogastraceae | PA         | Em                    |
| Hymenogaster citrinus Vittad.  | Hymenogastraceae | PA, SR    | Em                    |
| Hymenogaster griseus Vittad.   | Hymenogastraceae | PA, SR    | Em                    |
| Hymenogaster hessii Soehner    | Hymenogastraceae | PA, SR    | Em                    |
| Hymenogaster luteus Vittad.    | Hymenogastraceae | PA, SR    | Em                    |
| Hymenogaster lycoperdineus Vittad. | Hymenogastraceae | PA, ME, PA | Em |
| Hymenogaster muticus Berk. & Broome | Hymenogastraceae | AG, TP    | Em                    |
| Hymenogaster olioaceus Vittad. | Hymenogastraceae | AG, CT, ME, PA | Em |
| Hymenogaster populorum Tul. & C. Tul. | Hymenogastraceae | PA, AG, TP| Em                    |
| Hymenogaster rehsteineri Bucholtz | Hymenogastraceae | PA, SR    | Em                    |
| Hymenogaster thwaitesii Berk. & Broome | Hymenogastraceae | PA         | Em                    |
| Hymenogaster vulgaris Tul. & C. Tul. | Hymenogastraceae | PA         | Em                    |
| Hymenogrellus radicata (Relhan) | Physalacriaceae  | PA         | Sw                    |
| R.H. Petersen                 |                   |           |                       |
| Hymenogrellus xeroides (Bon) R.H. Petersen | Physalacriaceae  | PA         | Sw                    |
| Hymenogrellus calyculus (Fr.) W. Phillips | Helotiaceae     | PA, SR    | Sw                    |
| Hymenogrellus fructigenus (Bull.) Gray | Helotiaceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| Hypoderma medioburienense (Burt) Donk | Hyphodermataceae | PA, TP    | Sw                    |
| Hypoderma setigerum (Fr.) Donk | Hyphodermataceae | PA         | Sw                    |
| Hypoderma corrugata (Fr.) J.Erikss. & Ryvarden | Phanerochaetaceae | PA, TP    | Sw                    |
| Hyphodonta arguta (Fr.) J. Erikss. | Hyphodontiaceae | PA, TP    | Sw                    |
| Hyphodonta pallidula (Bres.) J. Erikss. | Hyphodontiaceae | PA, TP    | Sw                    |
| Hyphodonta quercina (Pers.) J. Erikss. | Hyphodontiaceae | PA, TP    | Sw                    |
| Hyphodonta sathulata (Schrad.) Parmasto | Hyphodontiaceae | EN        | Sw                    |
| Hypholoma capnoides (Fr.) P. Kumm. | Strophariaceae  | PA         | Sw                    |
| Hypholoma dispersum Quel.     | Strophariaceae    | PA         | Sw                    |
| Hypholoma fasciculate (Huds.) P. Kumm. | Strophariaceae  | AG, PA, TP| Sw                    |
| Hypholoma lateritium (Schaeff.) P. Kumm. | Strophariaceae  | CT, ME    | Sw                    |
| Hypocrea gelatinosa (Tode) Fr. | Hypocreaceae      | CT, ME    | Sw                    |
| Hypoderma ferulae Lantieri     | Rhytismataceae    | PA         | Sw                    |
| Hypoderma siculum Lantieri, P.R. | Rhytismataceae  | PA         | Sw                    |
| Johnst. & Medardi             |                   |           |                       |
| Hypogryllus roseolus (Alb. & Schwein.) Tul. | Hypocreaceae  | PA         | Sw                    |
| Hypomyces rostellus (Alb. & Schwein.) Tul. | Hypocreaceae  | PA         | Sw                    |
| Hypoxylon fragiforme (Pers.) J. Kickx f. | Hypoxylaceae    | PA, ME    | Sw                    |
| Hypoxylon fuscom (Pers.) Fz.   | Hypoxylaceae      | PA, ME    | Sw                    |
| Hypoxylon rubiginosum (Pers.) Fr. | Hypoxylaceae    | PA, ME    | Sw                    |
| Hypsizygus tessulatus (Bull.) Singer | Lyophyllaceae  | CT, ME    | Sw                    |
| Hypsizygus ulnarius (Bull.) Redhead | Lyophyllaceae  | CT, ME, PA| Sw                    |
| Hysterangium clathroides Vittad. | Hysterangiaceae  | CT, ME    | Em                    |
| Hysterangium coriaceum R. Hesse | Hysterangiaceae  | PA         | Em                    |
| Hysterangium inflatum Rodway   | Hysterangiaceae  | AG, CL, PA, TP | Em |
| Hysterangium stoloniferum Tul. & C. Tul. | Hysterangiaceae  | PA         | Em                    |
| Hysteriopsis angustatoma Alb. & Schwein. | Hysteriaceae  | PA         | Sw                    |
| Hysteriopsis pulicaria Pers.   | Hysteriaceae      | PA         | Sw                    |
| Hysterochorium fraxini (Pers.) De Not. | Incertae sedis | PA, TP    | Sw                    |
| Idoxicyclus gracile Berk.      | Phallaceae        | TP         | SI                    |
| Imleria badia (Fr.) Vizzini    | Boletaceae        | CT, ME, PA| Em                    |
| Imperator lutecopreus (Bertéa & Estadès) | Boletaceae      | CT, ME, PA| Em                    |
| Assyov, Bellanger et al.       |                   |           |                       |
Table 1. Cont.

| Taxon | Family               | Provinces          | Ecological Categories |
|-------|----------------------|--------------------|-----------------------|
| Imperator rhodopurpureus (Smotl.) Assyov, Bellanger, Bertéa et al. | Boletaceae         | CT, ME, PA           | Em                    |
| Imperator torosus (Fr.) Assyov, Bellanger, Bertéa et al. | Boletaceae         | CT, ME, PA           | Em                    |
| Imperator xanthocyaneus (Remain) Klofac | Boletaceae         | CT, ME              | Em                    |
| Infundibulicybe alcaliciolascens (Belli) Bellú | Incertae Sedis     | CT, ME, PA           | Em                    |
| Infundibulicybe geotropa (Bull.) Harmaja | Incertae Sedis     | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI                    |
| Infundibulicybe gibba (Pers.) Harmaja | Incertae Sedis     | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI                    |
| Infundibulicybe gigas (Harmaja) Harmaja | Incertae Sedis     | CT, ME, PA           | SI                    |
| Infundibulicybe meridionalis (Bon) | Incertae Sedis     | CT, ME              | SI                    |
| Pérez-De-Greg. | |               |                      |
| Inocutis tamaris (Pat.) Fiasson & Niemelä | Hymenochaetaceae  | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw                    |
| Inocybe amethystina Kuyper | Inocybaceae        | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em                    |
| Inocybe asterospora Quél. | Inocybaceae        | CT, ME, PA           | Em                    |
| Inocybe aurantiumonata Franchi & M. Marchetti | Inocybaceae         | CT, ME              | Em                    |
| Inocybe auricomica (Batsch) Sacc. | Inocybaceae        | CT, ME              | Em                    |
| Inocybe brunnea Quél. | Inocybaceae        | CT, ME              | Em                    |
| Inocybe caesariata (Fr.) P. Karst. | Inocybaceae        | CT, ME, TP          | Em                    |
| Inocybe castaneicolor A. La Rosa, Bizio, Saitta & Tedersoo | Inocybaceae        | CL, ME              | Em                    |
| Inocybe cincinnata (Fr.) Quél. | Inocybaceae        | CT, ME, PA           | Em                    |
| Inocybe curvipes P. Karst. | Inocybaceae        | CT, ME, PA           | Em                    |
| Inocybe dulcamara (Pers.) P. Kumm. | Inocybaceae        | PA, SR              | Em                    |
| Inocybe dunensis P.D. Orton | Inocybaceae        | SR                  | Em                    |
| Inocybe eutheles (Fr.) Quél. | Inocybaceae        | TP                  | Em                    |
| Inocybe flocculosa Sacc. | Inocybaceae        | CT, ME, PA          | Em                    |
| Inocybe fraudans (Britzelm.) Sacc. | Inocybaceae        | PA                  | Em                    |
| Inocybe fuscidula Velen. | Inocybaceae        | PA                  | Em                    |
| Inocybe geophylla (Sowerby) P. Kumm. | Inocybaceae        | AG, PA, TP          | Em                    |
| Inocybe godeyi Gillet | Inocybaceae        | CT, ME              | Em                    |
| Inocybe grammopodia Malençon | Inocybaceae        | CT, ME              | Em                    |
| Inocybe grisellinaea J.E. Lange | Inocybaceae        | PA                  | Em                    |
| Inocybe halophila R. Heim | Inocybaceae        | SR                  | Em                    |
| Inocybe hirtella Bres. | Inocybaceae        | PA                  | Em                    |
| Inocybe laceria (Fr.) P. Kumm. | Inocybaceae        | PA                  | Em                    |
| Inocybe mixtalis (Britzelm.) Sacc. | Inocybaceae        | PA                  | Em                    |
| Inocybe maricellata Bres. | Inocybaceae        | CT, ME              | Em                    |
| Inocybe napiipes J.E. Lange | Inocybaceae        | CT, ME              | Em                    |
| Inocybe nitidiuscula (Britzelm.) Lapl. | Inocybaceae        | CT, ME              | Em                    |
| Inocybe obscurebadia (J. Favre) | Inocybaceae        | AG, CL              | Em                    |
| Grund & D.E. Stuntz | Inocybaceae        | PA                  | Em                    |
| Inocybe ochroida Bruyl. | Inocybaceae        | CT, ME              | Em                    |
| Inocybe olida Maire | Inocybaceae        | PA                  | Em                    |
| Inocybe phaeodisca Kühner | Inocybaceae        | PA                  | Em                    |
| Inocybe phauleuca Kühner | Inocybaceae        | CT, ME              | Em                    |
| Inocybe praetervisa Quél. | Inocybaceae        | AG                  | Em                    |
| Inocybe pyriodora (Pers.) P. Kumm. | Inocybaceae        | AG, PA, TP          | Em                    |
| Inocybe roseipes Malençon | Inocybaceae        | PA                  | Em                    |
| Inocybe rufuloides Bon | Inocybaceae        | SR                  | Em                    |
| Inocybe scabelformis Malençon | Inocybaceae        | CT, ME              | Em                    |
| Inocybe sericeopoda Furrer-Ziogas | Inocybaceae        | PA                  | Em                    |
| Inocybe serotina Peck | Inocybaceae        | CL                  | Em                    |
| Inocybe syndonia (Fr.) P. Karst. | Inocybaceae        | PA                  | Em                    |
| Inocybe splendens R. Heim | Inocybaceae        | PA                  | Em                    |
| Inocybe tenebrosa Quél. | Inocybaceae        | PA                  | Em                    |
| Inocybe whitei (Berk. & Broome) Sacc. | Inocybaceae        | CL, CT, ME, PA      | Em                    |
Table 1. Cont.

| Taxon                                      | Family              | Provinces | Ecological Categories |
|---------------------------------------------|---------------------|-----------|-----------------------|
| *Inonotus hispidus* (Bull.) P. Karst.       | Hymenochaetaceae    | ME, PA    | Sw                    |
| *Inonotus rickii* (Pat.) D.A. Reid          | Hymenochaetaceae    | PA        | Sw                    |
| *Inosperma adaequatum* (Britzelm.) Matheny & Esteve-Rav. | Inocybaceae | CT, ME | Em                    |
| *Inosperma bongardii* (Weim.) Matheny & Esteve-Rav. | Inocybaceae | AG, CT, ME, PA, TP | Em |
| *Inosperma cericolor* (Pers.) Matheny & Esteve-Rav. | Inocybaceae | CL, PA, TP | Em |
| *Inosperma cookei* (Bres.) Matheny & Esteve-Rav. | Inocybaceae | PA        | Em                    |
| *Inosperma erubescens* (A. Blytt) Matheny & Esteve-Rav. | Inocybaceae | CT, ME, PA | Em |
| *Inosperma ganeriadorum* (J. Favre) Matheny & Esteve-Rav. | Inocybaceae | CT, ME | Em |
| *Inosperma maculatum* (Boud.) Matheny & Esteve-Rav. | Inocybaceae | CT, ME | Em |
| *Inosperma pachyodon* (Pers.) A. Blytt & Coker | Meruliaceae | CT, ME, PA | Sw  |
| *Jimgerdemannia flammicorona* (Trappe & Gerd.) | Endogonaceae | ME | Em |
| *Junghuhnia nitida* (Pers.) Ryvarden & Stab. | Steccherinaceae | ME, PA | Sw |
| *Kavinia alboviridis* (Morgan) Liberta & Budington | Lentariaceae | PA | Sw |
| *Kretzschmaria deusta* (Hoffm.) Vizzini | Physalacriaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Kurtia argillacea* (Bres.) Karasinski & Kreuze | Incertae sedis | PA, TP | Sw |
| *Laccaria amethystina* Cooke | Hydnangiaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| *Laccaria bicolor* (Maire) P.D. Orton | Hydnangiaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| *Laccaria bisporigera* Contu & Ballero | Hydnangiaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| *Laccaria fraterna* (Sacc.) Pegler | Hydnangiaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| *Laccaria lateritia* Malençon | Hydnangiaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| *Laccaria macrocystidiata* (Migl. & Lavorato) & Singer | Hydnangiaceae | CT, ME, PA, TP | Em |
| *Laccaria proxima* (Boud.) Pat. | Hydnangiaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| *Laccaria purpureobadia* D.A. Reid | Hydnangiaceae | CT, ME | Em |
| *Laccaria tetraspora* Singer | Hydnangiaceae | CT, PA, TP | Em |
| *Laccariopsis mediterranea* (Pacioni & Lalli) Vizzini | Physalacriaceae | AG, CT, ME, PA, RG, SR, TP | SI |
| *Lachnellula subtilissima* (Cooke) Dennis | Lachnaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Lachnum bicolor* (Bull. & P.) Karst. | Lachnaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Lachnum virginicum* (Batsch) P. Karst. | Lachnaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Lactarius lacrymabunda* (Bull.) Pat. | Psathyrellaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| *Lactarius acerrimus* Britzelm. | Russulaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| *Lactarius acris* (Bolton) Gray | Russulaceae | CT, ME | Em |
| *Lactarius atlanticus* Bon | Russulaceae | AG, CT, ME, PA, TP | Em |
| *Lactarius aurantiacus* (Pers.) Gray | Russulaceae | CT, ME, PA | Em |
| *Lactarius azonites* (Bull.) Fr. | Russulaceae | CT, ME, PA, TP | Em |
| *Lactarius bioxangueicus* Kühner & Romagn. | Russulaceae | CT, ME, PA, TP | Em |
| *Lactarius brennii* (Fr.) Fr. | Russulaceae | CT, ME, PA | Em |
| *Lactarius camphoratus* (Bull.) Fr. | Russulaceae | CT, ME, PA, TP | Em |
| *Lactarius chrysorrhoeus* Fr. | Russulaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| Taxon                  | Family          | Provinces     | Ecological Categories |
|-----------------------|-----------------|---------------|-----------------------|
| Lactarius circellatus | Russulaceae     | CT, ME        | Em                    |
| Lactarius cistophilus | Russulaceae     | CT, ME, PA, TP| Em                    |
| Lactarius controversus| Russulaceae     | CT, ME, PA, TP| Em                    |
| Lactarius cremor      | Russulaceae     | CT, ME        | Em                    |
| Lactarius decipiens   | Russulaceae     | CT, ME, PA, TP| Em                    |
| Lactarius deliciosus  | Russulaceae     | CT, ME, PA, TP| Em                    |
| Lactarius fluens      | Russulaceae     | CT, ME, PA, TP| Em                    |
| Lactarius fulvissimus | Russulaceae     | CT, ME, PA    | Em                    |
| Lactarius glyciosmus  | Russulaceae     | CT, ME        | Em                    |
| Lactarius hepaticus   | Russulaceae     | CT, ME, PA    | Em                    |
| Lactarius ilicis      | Russulaceae     | CT, ME, PA    | Em                    |
| Lactarius lacunarum   | Russulaceae     | CT, ME, PA    | Em                    |
| Lactarius mairei      | Russulaceae     | AG, CT, ME, PA| Em                    |
| Lactarius mediterraneensis | Russulaceae | ME, PA     | Em                    |
| Lactarius pallidus    | Russulaceae     | CT, ME, PA    | Em                    |
| Lactarius pterosporus | Russulaceae     | CT, ME, PA    | Em                    |
| Lactarius pubescens   | Russulaceae     | CT, ME        | Em                    |
| Lactarius pyrogalus   | Russulaceae     | CT, ME, PA    | Em                    |
| Lactarius quietus     | Russulaceae     | CT, ME, PA    | Em                    |
| Lactarius rubrocinclus| Russulaceae     | CT, ME, PA    | Em                    |
| Lactarius rufulus     | Russulaceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP| Em |
| Lactarius sangiuflus  | Russulaceae     | AG, CT, ME, PA, TP| Em |
| Lactarius semisangiuflus | Russulaceae  | AG, CT, ME, PA, TP| Em |
| Lactarius subulcis    | Russulaceae     | CT, ME, PA    | Em                    |
| Lactarius subumbonatus| Russulaceae     | PA, TP        | Em                    |
| Lactarius tesquorum   | Russulaceae     | CL, ME, PA    | Em                    |
| Lactarius usidus      | Russulaceae     | AG, CT, ME, PA, TP| Em |
| Lactarius violascens  | Russulaceae     | AG, PA, TP    | Em                    |
| Lactarius zonarius    | Russulaceae     | CT, ME, PA    | Em                    |
| Lactifluus bertillonii| Russulaceae     | CT, ME        | Em                    |
| Lactifluus glaucens   | Russulaceae     | CT, ME, PA    | Em                    |
| Lactifluus luteolus   | Russulaceae     | CT, ME        | Em                    |
| Lactifluus pergamenus | Russulaceae     | CT, ME, PA    | Em                    |
| Lactifluus piperatus  | Russulaceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP| Em |
| Lactifluus rugatus    | Russulaceae     | AG, CT, EN, ME, PA, RG, SR, TP| Em |
| Lactifluus vellereus  | Russulaceae     | AG, CL, EN, ME, PA, RG, SR, TP| Em |
| Lactifluus volvensis  | Russulaceae     | AG, CL, EN, ME, PA, RG, SR, TP| Em |
| Lactocollolia epia    | Incertae sedis  | CT, ME        | SI                    |
| Laetiporus sulphureus | Laetiporaceae   | AG, PA, RG, SR, TP| Sw |
| Lamaxia fragrans      | Boletaceae      | CT, ME, PA    | Em                    |
| Lamprosora anmophila  | Pyronemataceae  | CT, ME        | Sm                    |
| Lamprosora dictyiola  | Pyronemataceae  | RG            | Sm                    |
| Lamprosora miniata    | Pyronemataceae  | RG            | Sm                    |
| Lanzia echinophila    | Rutstroemiateae | CT, ME, PA    | Scu                   |
| Lasiodobolus cuniculi | Ascodesmidaceae | PA             | Sd                    |
| Laxitextum bicolor    | Hericiaceae     | PA             | Sw                    |
| Leccinellum corsicum  | Boletaceae      | AG, CL, CT, EN, ME, PA, RG, SR, TP| Em |
| Leccinellum crocipodium | Boletaceae  | CT, ME, PA    | Em                    |

Table 1. Cont.
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| Taxon                           | Family           | Provinces     | Ecological Categories |
|---------------------------------|------------------|---------------|-----------------------|
| *Leccinellum griseum* (Quél.) Bresinsky & Manfr. Binder | Boletaceae       | CT, ME, PA    | Em                    |
| *Leccinellum lepidum* (H. Bouchet ex Essette) Bresinsky & Manfr. Binder | Boletaceae       | CT, ME, PA, TP | Em                    |
| *Leccinellum pseudosacrum* (Kallenb.) Mikšík | Boletaceae       | CT, ME, PA    | Em                    |
| *Leccinum albostipitatum* den Bakker & Noordel. | Boletaceae       | CT, ME        | Em                    |
| *Leccinum aurantiacum* (Bull.) Gray | Boletaceae       | CT, ME, PA    | Em                    |
| *Leccinum duriusculum* (Schulzer ex Kalchbr.) Singer | Boletaceae       | CT, ME, PA    | Em                    |
| *Leccinum melaneum* (Smol.) Pilát & Dermek | Boletaceae       | CT, ME, PA    | Em                    |
| *Leccinum scabrum* (Bull.) Gray | Boletaceae       | CT, ME, PA    | Em                    |
| *Leccinum varicolor* Watling | Boletaceae       | PA            | Em                    |
| *Leccinum versipelle* (Fr. & Hök) Snell | Boletaceae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| *Legaliana badia* (Pers.) Van Vooren | Pezizaceae       | PA            | St                    |
| *Legaliana badiofuscoides* (Donadini) Van Vooren | Pezizaceae       | PA            | Sw                    |
| *Lentinellus cochleatus* (Pers.) P. Karst. | Auriscalpiaceae  | CT, ME, PA    | Sw                    |
| *Lentinellus flabeliformis* (Bolton) S. Ito | Auriscalpiaceae  | CT, ME, PA    | Sw                    |
| *Lentinellus micheneri* (Berk. & M.A. Curtis) Pegler | Auriscalpiaceae  | CT, ME, PA, TP | Sw |
| *Lentinus arcularius* (Batsch) Zmitr. | Polyporaceae     | ME, PA, TP    | Sw                    |
| *Lentinus brunalis* (Pers.) Zmitr. | Polyporaceae     | CT, ME, PA    | Sw                    |
| *Lentinus scleropus* (Pers.) Fr. | Polyporaceae     | CT, ME        | Sw                    |
| *Lentinus substrictus* (Bolton) Zmitr. & Kovalenko | Polyporaceae     | CT, ME, PA    | Sw                    |
| *Lentinus ursinus* (Fr.) Kühner | Auriscalpiaceae  | CT, ME        | Sw                    |
| *Lentinus varicolor* Watling | Polyporaceae     | ME, PA, TP    | Sw                    |
| *Lentinus variicolor* Watling | Polyporaceae     | CT, ME, PA    | Sw                    |
| *Leotia lubrica* (Scop.) Pers. Chodat & C. Martin | Leotiaceae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | St |
| *Lepiota brunneoincarnata* (Fr.) P. Kumm. | Agaricaeae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| *Lepiota brunnellaceae* Bon & Boiffard | Agaricaeae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| *Lepiota castanea* Quél. | Agaricaeae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| *Lepiota chyphoaria* (Bull.) P. Kumm. | Agaricaeae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| *Lepiota cortinarius* J.E. Lange | Agaricaeae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| *Lepiota cristata* (Bolton) P. Kumm. | Agaricaeae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| *Lepiota echinellus* Quél. & G.E. Bernard | Agaricaeae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| *Lepiota ermina* (Fr.) P. Kumm. | Agaricaeae       | CT, ME, PA    | SI                    |
| *Lepiota felina* (Pers.) P. Karst. | Agaricaeae       | CT, ME        | SI                    |
| *Lepiota forquignoni Quél.* | Agaricaeae       | PA            | SI                    |
| *Lepiota griseovirens* Maire | Agaricaeae       | CT, ME        | SI                    |
| *Lepiota helvola* Bres. | Agaricaeae       | AG, PA        | SI                    |
| *Lepiota ignivolvata* Bousset & Joss. ex Joss. | Agaricaeae       | PA            | SI                    |
| *Lepiota kuehneri* Huijsman ex Hora | Agaricaeae       | CT, ME        | SI                    |
| *Lepiota lilacea* Bres. | Agaricaeae       | CT, ME, PA    | SI                    |
| *Lepiota magnispora* Murrill | Agaricaeae       | CL, CT, ME    | SI                    |
| *Lepiota oreadiformis* Velen. | Agaricaeae       | PA            | SI                    |
| *Lepiota pseudoheveloa* Kühner var. pseudoheveloa | Agaricaeae       | CT, ME, PA    | SI                    |
| *Lepiota pseudolilacea* Huijsman | Agaricaeae       | CT, ME, PA    | SI                    |
| *Lepiota subincarnata* J.E. Lange | Agaricaeae       | AG, CT, ME, PA, TP | SI |
| *Lepiota wasseri* Bon | Agaricaeae       | CT, ME        | SI                    |
| *Lepista amara* (Alb. & Schwein.) Maire | Incertae sedis  | AG, PA, TP    | SI                    |
| Taxon                                      | Family                  | Provinces       | Ecological Categories |
|--------------------------------------------|-------------------------|-----------------|-----------------------|
| Lepista densifolia (J. Favre)              | Incertae sedis          | PA, TP          | SI                    |
| Lepista glaucocana (Bres.) Singer          | Incertae sedis          | CT, ME, PA      | SI                    |
| Lepista irina (Fr.) H.E. Bigelow           | Incertae sedis          | PA, TP          | SI                    |
| Lepista nuda (Bull.) Cooke                 | Incertae sedis          | AG, PA, TP      | SI                    |
| Lepista ovospora (J.E. Lange) Gulden       | Incertae sedis          | CT, ME, PA      | SI                    |
| Lepista panacolus (Fr.) P. Karst.          | Incertae sedis          | AG, PA          | SI                    |
| Lepista personata (Fr.) Cooke              | Incertae sedis          | CT, ME, PA      | SI                    |
| Lepista rickenii Singer                    | Incertae sedis          | CT, ME, PA      | SI                    |
| Lepista sordida (Schumach.) Singer         | Incertae sedis          | AG, CL, CT, PA, RG, SR, TP | SI |
| Lepidotoporus fuscostratus (Burt) Hjortstam| Atheliaceae             | PA, TP          | Sw                    |
| Leptosporomyces septentrionalis (J. Erikss.)Krieglst.| Atheliaceae             | PA, TP          | SI                    |
| Leratiomyces squamosus (Pers.) Bridge & Spooner| Strophariaceae          | CT, ME, PA      | SI                    |
| Leucoagaricus americanus (Peck) Vellinga   | Agaricaceae             | CT, ME, PA      | SI                    |
| Leucoagaricus badhamii (Berk. & Broome) Singer| Agaricaceae             | CT, ME          | SI                    |
| Leucoagaricus barssii (Zeller) Vellinga    | Agaricaceae             | CT, ME, PA      | SI                    |
| Leucoagaricus boudierianus Bon             | Agaricaceae             | CL, CT, ME, PA  | SI                    |
| Leucoagaricus bresadolae (Schulzer) Bon & Boiffard var. bresadolae| Agaricaceae             | CT, ME          | SI                    |
| Leucoagaricus carneifolius (Gillet) Wasser| Agaricaceae             | CT, ME, PA      | SI                    |
| Leucoagaricus cinerascens (Quél.) Bon & Boiffard| Agaricaceae             | CT, ME, PA      | SI                    |
| Leucoagaricus leucothites (Vittad.) Wasser| Agaricaceae             | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| Leucoagaricus littoralis (Menier) Bon & Boiffard| Agaricaceae             | CL, CT, PA, RG  | SI                    |
| Leucoagaricus macrorhizus Locq. ex E. Horak| Agaricaceae             | PA, TP          | SI                    |
| Leucoagaricus menieri (Sacc.) Singer       | Agaricaceae             | CT, ME, PA, RG  | SI                    |
| Leucoagaricus pilatianus (Demoulin)        | Agaricaceae             | CL, PA          | SI                    |
| Leucoagaricus salmonophilus Bon & Guinb.   | Agaricaceae             | CL              | SI                    |
| Leucoagaricus serereus (Fr.) Bon & Boiffard| Agaricaceae             | CT, ME, PA      | SI                    |
| Leucoagaricus singeri (Bon ex Contu & Signor.) Consiglio & Contu| Agaricaceae             | CT, ME, PA, SR  | SI                    |
| Leucoagaricus subcretaceus Bon             | Agaricaceae             | CT, ME          | SI                    |
| Leucoagaricus subvolvatus (Maleçon & Bertault) Bon| Agaricaceae             | CT, ME          | SI                    |
| Leucoagaricus volvatus Bon & A. Caball.    | Agaricaceae             | CT, ME, PA, SR  | SI                    |
| Leucoagaricus unicornskyi (Pilát) Bon & Boiffard| Agaricaceae             | CT, ME          | SI                    |
| Leucoagaricus virgineus (Cordel) Singer    | Agaricaceae             | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| Leucoagaricus brevissonii (Godey) Locq.    | Agaricaceae             | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| Leucoagaricus cepistipes (Sowerby) Pat.    | Agaricaceae             | CT, ME          | SI                    |
| Leucoagaricus cromaceus (Bull.) Locq.      | Agaricaceae             | CT, ME          | SI                    |
| Leucoagaricus flos-sulphuris (Schizl.) Cejp| Agaricaceae             | CT, ME          | SI                    |
| Leucocortinarius bulbiger (Alb. & Schwein.) Singer| Incertae sedis          | CT, ME          | Em                    |
| Leucocthecium candidans (Pers.) Vizzini, P. Alvarado, G. Moreno & Consiglio | Incertae sedis          | CT, ME          | SI                    |
| Leucocthecium conatus (Schumach.) Vizzini, P. Alvarado, G. Moreno & Consiglio | Incertae sedis          | CT, ME          | SI                    |
| Leucocthecium houghtonii (W. Phillips) Halama & Pencakowski | Incertae sedis          | CT, ME          | SI                    |
| Leucogaster mutus (Hazsl.) Hollos           | Albatrellaceae          | CT, ME          | UNK                   |
| Taxon                                | Family                      | Provinces | Ecological Categories |
|--------------------------------------|-----------------------------|-----------|-----------------------|
| Leucoinocybe lenta (Maire) Antonin,  | Incertae sedis              | CT, ME, PA| Em                    |
| Borovička, Holec & Kolarík          |                             |           |                       |
| Leucopaxillus agrippinace Buda, Consiglio, Setti & Vizzini | Tricholomataceae      | CT, ME   | Em                    |
| Leucopaxillus gentianus (Quél.) Kotl. |                             |           |                       |
| Leucopaxillus paradoxus (Costantin & L.M. Dufour) Boursier | Tricholomataceae   | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| Lichenomphalia umbellifera (L.) Redhead, Lutzoni, Moncalvo & Vilgalys | Hygrophoraceae | CT, ME | SI                    |
| Limacella furnacea (Letell.) E.-J. Gilbert | Amanitaceae             | CT, ME, PA| SI                    |
| Limacella subfurnacea Contu          | Amanitaceae                | CL, CT, ME, PA, RG, SR, TP | SI |
| Limacellis guttata (Pers.) Zhu L. Yang, Q. Cai & Y.Y. Cui | Amanitaceae | CT, ME, PA | SI |
| Lindtneria chordulata (D.P. Rogers) Hjortstam | Stephanosporaceae | CT, ME, PA | Sw |
| Lophiotheria compressula (Pers.) Ces. & De Not. | Lophiostomataceae | CT, ME, PA | Sw |
| Lophiotheria viridarium Cooke Lophodermium arundinaceum (Schrad.) Chevall. | Rhytismataceae | CT, ME, PA | Sw |
| Lycoperdon atropurpureum Vittad. | Lycoperdaceae               | CT, ME, PA| SI                    |
| Lycoperdon caudatum J. Schröt.      | Lycoperdaceae               | CT, ME    | SI                    |
| Lycoperdon echinatum Pers.          | Lycoperdaceae               | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| Lycoperdon ericaeum Bonord.         | Lycoperdaceae               | CT, ME    | SI                    |
| Lycoperdon excipuliforme (Scop.) Pers. | Lycoperdaceae             | AG, CT, ME, PA, TP | SI |
| Lycoperdon luidum Pers.             | Lycoperdaceae               | CT, ME, PA| SI                    |
| Lycoperdon mammiforme Pers.         | Lycoperdaceae               | PA, TP    | SI                    |
| Lycoperdon marginatum Vittad.       | Lycoperdaceae               | CT, ME    | SI                    |
| Lycoperdon molle Pers.              | Lycoperdaceae               | PA, TP    | SI                    |
| Lycoperdon nigrescens Pers.         | Lycoperdaceae               | CT, ME, PA| SI                    |
| Lycoperdon perlatum Pers.           | Lycoperdaceae               | AG, CT, ME, PA, TP | SI |
| Lycoperdon pratense Pers.           | Lycoperdaceae               | CT, ME, PA| SI                    |
| Lycoperdon radicatum Durieu & Mont. | Lycoperdaceae               | CT, ME, PA| SI                    |
| Lycoperdon spadiceum Schaeff.       | Lycoperdaceae               | CT, ME, PA| SI                    |
| Lycoperdon umbrinum Pers.           | Lycoperdaceae               | CT, ME    | SI                    |
| Lyomyces crustosus (Pers.) P. Karst. | Schizoporeaceae           | CT, ME, PA| Sw                   |
| Lyomyces juniperi (Bourdou & Galzin) | Schizoporeaceae        | CT, ME, PA| Sw                   |
| Riebelesi & Langer                  | Schizoporeaceae             | CT, ME, PA| Sw                   |
| Lyophyllum aenulacis Consiglio      | Lyophyllaceae               | CT, ME    | St                    |
| Lyophyllum amariaculcum Clémençon   | Lyophyllaceae               | CT, ME    | St                    |
| Lyophyllum buxeum (Maire) Singer    | Lyophyllaceae               | AG, CT, PA, RG | St |
| Lyophyllum caerulescens Clémençon ex Kibby | Lyophyllaceae | CT, ME | St |
| Lyophyllum cassinulum (Sacc.) Singer | Lyophyllaceae               | AG, PA    | St                    |
| Lyophyllum decastes (Fr.) Singer     | Lyophyllaceae               | AG, CL, CT, EN, ME, PA, RG, SR, TP | St |
| Lyophyllum deliberatium (Brtzel.) Kreisel | Lyophyllaceae             | CT, ME, PA, TP | St |
| Lyophyllum immundum (Ber.) Kühner   | Lyophyllaceae               | CT, ME, PA, TP | St |
| Lyophyllum infumatum (Bres.) Kühner | Lyophyllaceae               | PA, TP    | St                    |
| Lyophyllum littorale (Ballero & Contu) Contu | Lyophyllaceae | CT, ME, PA | St |
| Lyophyllum loricatum (Fr.) Kühner   | Lyophyllaceae               | CT, ME, PA| St                    |
| Lyophyllum paeochoerium Clémençon   | Lyophyllaceae               | CT, ME, PA| St                    |
| Lyophyllum tenerosum Clémençon      | Lyophyllaceae               | CT, ME    | St                    |
| Macrocytida cucumis (Pers.) Joss.    | Lyophyllaceae               | CT, ME, PA| St                    |
| Macrolepiota excoriata (Scheaff.) Wasser | Agaricaceae             | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| Macrolepiota fulgineosquarrosa Malenco | Agaricaceae             | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| Macrolepiota fulgina (Barla) Bon     | Agaricaceae                | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| Macrolepiota mastoida (Fr.) Singer   | Agaricaceae                | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| Taxon | Family | Provinces | Ecological Categories |
|-------|--------|-----------|----------------------|
| **Macrolepiota olivascens** Singer & M.M. Moser | Agaricaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sl |
| **Macrolepiota permixta** (Barla) Pacioni | Agaricaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sl |
| **Macrolepiota procera** (Scop.) Singer | Agaricaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sl |
| **Macrolepiota venenata** Bon | Agaricaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sl |
| **Mallozybe gymnocarpa** (Kühner) Matheny & Esteve-Rav. | Inocybaceae | CT, ME | Em |
| **Mallozybe heimit** (Bon) Matheny & Esteve-Rav. | Inocybaceae | PA, SR | Em |
| **Mallozybe leucoblena** (Kühner) Matheny & Esteve-Rav. | Inocybaceae | CT, ME | Em |
| **Mallozybe terrigena** (Fr.) Matheny, Vizzini & Esteve-Rav. | Inocybaceae | CT, ME | Em |
| **Marasmiellus candidus** (Fr.) Singer | Omphalotaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sl |
| **Marasmiellus confluens** (Pers.) J.S. Oliveira | Marasmiaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sl |
| **Marasmiellus peronatus** (Bolton) J.S. Oliveira | Marasmiaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sl |
| **Marasmiellus quercophilus** (Pouzar) J.S. Oliveira | Marasmiaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sl |
| **Marasmiellus ramealis** (Bolton) Matheny & Esteve-Rav. | Marasmiaceae | CT, ME, PA, TP | Sl |
| **Marasmius bulliardii** Quél. | Marasmiaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sl |
| **Marasmius cohaerens** (Pers.) Cooke & Quél. | Marasmiaceae | CT, ME, PA, SR | Sl |
| **Marasmius collinus** (Scop.) Singer | Marasmiaceae | CT, ME, PA, SR | Sl |
| **Marasmius epiphylloides** (Rea) Sacc. & Trotter | Marasmiaceae | CT, ME, PA, TP | Sl |
| **Marasmius epiphyllus** (Pers.) Fr. | Marasmiaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sl |
| **Marasmius oreades** (Bres.) Fr. | Marasmiaceae | CL, PA, SR | Sl |
| **Marasmius ramosus** (Bolton) Fr. | Marasmiaceae | CT, ME, PA | Sl |
| **Marasmius rotula** (Scop.) Fr. | Marasmiaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sl |
| **Marasmius torquescens** Quél. | Marasmiaceae | CT, ME | Sl |
| **Marasmius wynneae** Berk. & Broome | Marasmiaceae | CT, ME | Sl |
| **Marcellina mediterranea** Lantieri & Pfister | Pezizaceae | CT, ME | Sl |
| **Megacollybia platyphylla** (Pers.) Kotl. & Pouzar | Incertae sedis | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sl |
| **Melanogaster ambiguus** (Vittad.) Tul. & C. Tul. | Paxillaceae | EN | Em |
| **Melanogaster broomeanus** Berk. | Paxillaceae | PA | Em |
| **Melanogaster macrosporus** Velen. | Paxillaceae | AG, PA | Em |
| **Melanogaster tuberiformis** Corda | Paxillaceae | PA | Em |
| **Melanogaster variegatus** (Vittad.) Tul. & C. Tul. | Paxillaceae | PA, TP | Em |
| **Melanoleuca brevis** (Bull.) Pat. | Incertae sedis | CT, ME, PA | Sl |
| **Melanoleuca cinereifolia** (Bon) Bon | Incertae sedis | CT, ME, PA | Sl |
| **Melanoleuca cognata** (Fr.) Konrad & Maubl. | Incertae sedis | CT, ME, PA | Sl |
| **Melanoleuca diverticulata** G. Moreno & Bon | Incertae sedis | CT, ME, PA | Sl |
| **Melanoleuca microcephala** (P. Karst.) Singer | Incertae sedis | CT, ME, PA | Sl |
Table 1. Cont.

| Taxon | Family | Provinces | Ecological Categories |
|-------|--------|-----------|-----------------------|
| Melanoleuca polioleuca (Fr.) Kühner & Maire | Incertae Sedis | CT, ME, PA | Sl |
| Melanoleuca pseudobrevipes Bon | Incertae sedis | CT, ME | Sl |
| Melanoleuca pseudoavinenosae Bon ex Bon & G. Moreno | Incertae Sedis | CT, ME, PA | Sl |
| Melanoleuca pseudolascina Bon | Incertae sedis | CT, ME | Sl |
| Melanoleuca ralis(Fr.) Singer | Incertae sedis | CT, ME, PA | Sl |
| Melanoleuca schumacheri (Fr.) Singer | Incertae sedis | CT, ME, PA | Sl |
| Melanoleuca strictipes (P. Karst.) Jul. Schäff. | Incertae sedis | CT, ME, PA | Sl |
| Melanoleuca subpylverenta (Pers.) Singer | Incertae Sedis | CT, ME, PA | Sl |
| Melanoleuca tristis M.M. Moser | Incertae sedis | CT, ME, PA | Sl |
| Melanophyllum haematospermum (Bull.) Kreisel | Agaricaceae | CT, ME | Sl |
| Melastiza chateri (W.G. Sm.) Boud. | Pyronemataceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sbg |
| Melastiza cornubiensis (Berk. & Broome) J. Moravec | Pyronemataceae | CT, ME, PA | Sbg |
| Mensularia nudulosa (Fr.) T. Wagner & M. Fisch. | Hymenochaetaceae | CT, ME, PA | Sw |
| Mensularia radiata (Sowerby) Lázaro Ibiza | Hymenochaetaceae | CT, ME, PA | Sw |
| Meripilus giganteus (Pers.) P. Karst. | Meripilaceae | CT, ME, PA | Sw |
| Merismodes anomala (Pers.) Singer | Niaceae | CT, ME, PA | Sw |
| Metacapnodium dingleyae S. Hughes | Metacapnodaceae | ME | Sw |
| Mollisia cinerea (Batsch) P. Karst. | Mollisaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| Mollisia melaleuca (Fr.) Sacch. | Mollisaceae | CT, ME, PA | Sw |
| Montagnea arenaria (DC.) Zeller | Agaricaceae | AG, PA, SR, TP | SI |
| Montagnea candollei (Fr.) Fr. | Agaricaceae | CT, ME, PA | SI |
| Morchella costata Pers. | Morchellaceae | CT, ME, PA | St |
| Morchella delicosa Fr. | Morchellaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | St |
| Morchella elata Fr. | Morchellaceae | CT, ME, PA | St |
| Morchella esculenta (L.) Pers. | Morchellaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | St |
| Morchella hortensis Boud. | Morchellaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | St |
| Morchella semilibera DC. | Morchellaceae | CT, ME, PA | St |
| Morchella tridentina Bres. | Morchellaceae | CT, ME | St |
| Morchella vulgaris (Pers.) Gray | Morchellaceae | CT, ME | St |
| Mucidula mucida (Schrad.) Pat. | Physalacriaceae | CT, ME, PA | Sw |
| Micromelina calva (Alb. & Schwein.) Fr. | Incertae sedis | CT, ME, PA | Sw |
| Mutinus caninus (Huds.) Fr. | Phallaceae | CT, ME, PA, TP | SI |
| Mycena acicula (Schaeff.) P. Kumm. | Mycenaceae | CT, ME, PA | St |
| Mycena aetites (Fr.) Quél. | Mycenaceae | CT, ME, PA | St |
| Mycena alcalina (Fr.) P. Kumm. | Mycenaceae | CT, ME, PA | St |
| Mycena algeriensis Maire | Mycenaceae | CT, ME, PA | St |
| Mycena amicta (Fr.) Quél. | Mycenaceae | CT, ME, PA | St |
| Mycena arcangeliana Bres. | Mycenaceae | CT, ME, PA | St |
| Mycena aurantiomarginata (Fr.) Quél. | Mycenaceae | CT, ME, PA | St |
| Mycena capillaries Peck | Mycenaceae | CT, ME, PA | St |
| Mycena cinerella (P. Karst.) P. Kumm. | Mycenaceae | CT, ME, PA | St |
| Mycena crocata (Schrad.) P. Kumm. | Mycenaceae | CT, ME, PA | St |
| Mycena epipterygia (Scop.) Gray | Mycenaceae | CT, ME, PA | St |
| Mycena filopes (Bull.) P. Kumm. | Mycenaceae | CT, ME | St |
| Mycena flavescens Velen. | Mycenaceae | CT, ME, PA | St |
| Mycena galericulata (Scop.) Gray | Mycenaceae | AG, CT, ME, PA, TP | St |
| Mycena galopus (Pers.) P. Kumm. | Mycenaceae | CT, ME, PA | St |
| Mycena haematopus (Pers.) P. Kumm. | Mycenaceae | PA, TP | St |
| Mycena inclinata (Fr.) Quél. | Mycenaceae | CT, ME, PA | Sw |
| Mycena leptocphala (Pers.) Gillet | Mycenaceae | PA, TP | St |
| Mycena maculata P. Karst. | Mycenaceae | CT, ME, PA | St |
Table 1. Cont.

| Taxon                          | Family           | Provinces | Ecological Categories |
|--------------------------------|------------------|-----------|-----------------------|
| *Mycena megaspora* Kauffman    | Mycenaceae       | CT, ME    | St                    |
| *Mycena meligena* (Berk. & Cooke) Sacc. | Mycenaceae       | CT, ME    | St                    |
| *Mycena olivaceomarginata* (Massee) Massee | Mycenaceae       | CT, ME    | St                    |
| *Mycena pelanthis* (Fr.) Quél.  | Mycenaceae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | St |
| *Mycena polygramma* (Bull.) Gray | Mycenaceae       | AG, PA    | St                    |
| *Mycena pseudocorticola* Kühner | Mycenaceae       | CT, ME, PA | St |
| *Mycena pseudoinclinata* A.H. Sm. | Mycenaceae       | CT, ME, PA | St |
| *Mycena pura* (Pers.) P. Kumm. | Mycenaceae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | St |
| *Mycena renati* Quél.          | Mycenaceae       | CT, ME, PA | St |
| *Mycena rosea* Gramberg        | Mycenaceae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | St |
| *Mycena stipata* Maas Geest. & Schwöbel | Mycenaceae       | CT, ME    | St                    |
| *Mycena strobilicola* J. Favre & Kühner | Mycenaceae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sc |
| *Mycena supina* (Fr.) P. Kumm. | Mycenaceae       | CT, ME, PA | St |
| *Mycena viridimarginata* P. Karst. | Mycenaceae       | CT, ME, PA | St |
| *Mycena vitilis* (Fr.) Quél.   | Mycenaceae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | St |
| *Mycena vulgaris* (Pers.) P. Kumm. | Mycenaceae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | St |
| *Mycena xantholeuca* Kühner    | Mycenaceae       | CT, ME, PA | St |
| *Mycenastrum corium* (Guers.) Desv. | Agaricaceae   |          |                       |
| *Myctenitis alliaceus* (Jacq.) Earle ex A.W. Wilson & Desjardin | Omphalotaceae | CT, ME, PA | SI |
| *Myctenitis scorodontis* (Fr.) A.W. Wilson & Desjardin | Omphalotaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | SI |
| *Mycoacia aurea* (Fr.) J. Erikss. & Ryvarden | Meruliaceae | CT, ME, PA | Sw |
| *Mycoacia fuscoatra* (Fr.) Donk | Meruliaceae      | CT, ME, PA | Sw |
| *Mycoacia nothofagi* (G. Cunn.) Ryvarden | Meruliaceae      | CT, ME, PA | Sw |
| *Mycoacia uda* (Fr.) Donk       | Meruliaceae      | CT, ME, PA | Sw |
| *Mycoaciella bispora* (Stalpers) J. Erikss. & Ryvarden | Meruliaceae | CT, ME, PA | Sw |
| *Myriostoma coliforme* (Dicks.) Corda | Geastraceae     | PA, TP    | St                    |
| *Myxophialia maura* (Fr.) Hora | Incertae sedis  | CT, ME, PA | St |
| *Nectria aurantiaca* (Bab.) Jacz. | Nectriaceae     | CT, ME    | Sw                    |
| *Nectria cinnabarina* (Tode) Fr. | Nectriaceae     | AG, PA    | Sw                    |
| *Nemania serpens* (Pers.) Gray | Xylariaceae      | CT, ME, PA | Sw |
| *Neantrodia serialis* (Fr.) Audet | Fomitopsidaceae | CT, ME, PA | TP |
| *Neoalboporus erythropus* (Pers.) C. Hahn | Boletaceae | AG, CT, ME, PA | Em |
| *Neoboletus luridiformis* (Rostk.) Gerardi, Simonini & Vizzini | Boletaceae | AG, CT, ME, PA | Em |
| *Neoboletus xanthopus* (Klofac & A. Urb.) | Boletaceae | CT, ME    | Em |
| *Neobulgaria pura* (Pers.) Petr. | Gelatinodiscaceae | CT, ME, PA | Sw |
| *Neoclitocybe nivea* Singer | Incertae sedis  | CT, ME    | Sw |
| *Neofavolus alveolaris* (DC.) Sotome & T. Hatt | Polyporaceae | CT, ME, PA | Sw |
| *Neolentinus cyaniformis* (Schaeff.) Della Magg. & Trassin. | Gloeophyllaceae | CT, ME | Em |
| *Neolentinus lupidus* (Fr.) Redhead & GinnS | Gloeophyllaceae | CT, ME, PA | Em |
| *Neonectria coccinea* (Pers.) Rossman & Samuels | Nectriaceae | CT, ME, PA | Sw |
| *Neurnia pouchetti* (Berthet & Riousset) Paden | Pyronemataceae | RG | St |
| *Octospora convexula* (Pers.) L.R. Batra | Chorioactidaceae | AG | St |
| *Pleurotus candidissimus* (Sacc.) Kühner | Pleurotaceae | PA | Sw |
| *Octavia asterosperma* Vittad. | Boletaceae | PA | Em |
| *Octospora convexula* (Pers.) | Pyronemataceae | RG, SR | Sm |
| Taxon                          | Family                  | Provinces | Ecological Categories |
|-------------------------------|-------------------------|-----------|-----------------------|
| Octospora grimmiae Dennis & Itzerott | Pyronemataceae          | PA        | Sm                    |
| Octospora humosa (Fr.) Dennis | Pyronemataceae          | RG        | Sm                    |
| Octospora leucoluma Hedw.     | Pyronemataceae          | RG        | Sm                    |
| Octospora lutziana (Boud.) Cailliet & Moyne | Pyronemataceae | CT, ME | Sm                    |
| Octospora mairessa (Seaver) Yei Z. Wang | Pyronemataceae | PA        | Sm                    |
| Octospora rustica (Velen.) J. Moravec | Pyronemataceae | PA        | Sm                    |
| Odontia fibrosa (Berk. & M.A. Curtis) Köljalg | Thelephoraceae | PA        | Sw                    |
| Odonticum flavicans (Bres.) Nakasone | Incertae sedis | PA        | Sw                    |
| Omphalina pyxidata (Bull.) Quél. | Incertae sedis          | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sm        |
| Omphalotus illudens (Schwein.) Bresinsky & Besl | Omphalotaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw        |
| Omphalotus olearius (DC.) Singer | Omphalotaceae          | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw        |
| Omnia tomentosa (Fr.) P. Karst. | Hymenochaetaceae        | PA        | Sw                    |
| Orbilia coccinella Fr.         | Orbiliaceae             | PA        | Sw                    |
| Osicaulis lignati (Pers.) Redhead & Ginn | Lyophyllaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw        |
| Otiada alutacea (Pers.) Masssee | Otiaceae                | AG, CL, CT, EN, ME, PA, RG, SR, TP | St        |
| Otiada buforia (Pers.) Boud.   | Otiaceae                | CT, ME, PA, TP | St        |
| Otiada cochleata (L.) Fückel  | Otiaceae                | CT, ME, PA | St        |
| Otiada leporina (Batsch) Fückel | Otiaceae                | CT, ME, PA | St        |
| Otiada onotica (Pers.) Fückel  | Otiaceae                | AG, CL, CT, EN, ME, PA, RG, SR, TP | St        |
| Oxyphorus latemarginatus (Durieu & Mont.) Donk | Oxyphoraceae | CT, ME, PA | Sw        |
| Panacreolus acuminatus (P. Kumm.) Quél. | Incertae sedis | CT, ME, PA | Sd        |
| Panaeolus ater (J.E. Lange) Kühner & Romagn. ex Bon | Incertae sedis | CT, ME, PA, TP | Sd        |
| Panaeolus caliginosus (Jungh.) Gillet | Incertae sedis | CT, ME, PA | Sd        |
| Panaeolus cinctulus (Bolton) Sacc. | Incertae sedis | CL, CT, ME, PA | Sd        |
| Panaeolus cyanescens Sacc.     | Incertae sedis          | CT, ME, PA | Sd        |
| Panaeolus fimiputris (Bull.) Quél. | Incertae sedis | CT, ME, PA | Sd        |
| Panaeolus gattulatus Bras.     | Incertae sedis          | CT, ME, PA | Sd        |
| Panaeolus papilionaceus (Bull.) Quél. | Incertae sedis | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sd        |
| Panaeolus rickenii Hora        | Incertae sedis          | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sd        |
| Panaeolus semiovatus (Sowerby) S. Lundell & Nannf. | Incertae sedis | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sd        |
| Panellus stipticus (Bull.) P. Karst. | Mycenaceae             | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw        |
| Panus conchatus (Bull.) Fr.    | Panaceae                | CT, ME, PA | Sw        |
| Panus neostrigosus Drechsler-Santos & Wartchow | Panaceae                | CT, ME, PA | Sd        |
| Paragalactinia berthetiana (Donadini) Van Vooren | Pezizaceae             | CT, ME, PA | Sm        |
| Paragalactinia infuscata (Quel.) Van Vooren | Pezizaceae             | CT, ME, PA | Sm        |
| Paragalactinia micheltii (Boud.) Van Vooren | Pezizaceae             | CT, ME, TP | Sm        |
| Paragalactinia succosa (Berk.) Van Vooren | Pezizaceae             | CT, ME, PA | Sm        |
| Paralepista amelciana (Arcang.) Vizzini | Incertae sedis | CT, ME, PA | Sd        |
| Paralepista flaccida (Sowerby) Vizzini | Incertae sedis | CT, ME, PA, TP | Sd        |
| Parasola auricoma (Pat.) Redhead, Vilgalys & Hoppel | Psathyrellaceae | CT, ME, PA, TP | Sd        |
| Parasola conopilea (Fr.) Örstadius & E. Larss. | Psathyrellaceae | CT, ME, PA | Sd        |
| Parasola hemoboria (Fr.) Redhead, Vilgalys & Hoppel | Psathyrellaceae | CT, ME, PA | Sd        |
| Parasola kuehneri (Ulje & Bas) Redhead, Vilgalys & Hoppel | Psathyrellaceae | CT, ME, PA | Sd        |
| Parasola megasperma (P.D. Orton) Redhead, Vilgalys & Hoppel | Psathyrellaceae | CT, ME, PA | Sd        |
| Taxon                                      | Family                  | Provinces  | Ecological Categories |
|--------------------------------------------|-------------------------|------------|-----------------------|
| **Parasola misera** (P. Karst.) Redhead,   | Psathyrellaceae         | CT, ME     | Si                    |
| **Vigalys & Hopple**                       |                         |            |                       |
| **Parasola plciatilis** (Curtis) Redhead,  | Psathyrellaceae         | AG, CT, ME, PA, TP | Si |
| **Vigalys & Hopple**                       |                         |            |                       |
| **Parmastomycys mollissimus** (Maire) Pouzar | Fomitopsidaceae        | CT, ME, PA | Sw                    |
| **Patellaria atrata** (Hedw.) Fr.          | Patellariaceae          | CT, ME, PA, SR | Sw |
| **Paxillus ammoniavirescens** Contu & Dess | Paxillaceae             | CT, ME     | St                    |
| **Paxillus involutus** (Batsch) Fr.        | Paxillaceae             | AG, CL, CT, EN, ME, PA, RG, SR, TP | St |
| **Paxillus ionipus** Quel.                 | Paxillaceae             | CT, ME     | St                    |
| **Paxillus obscurisporus** C. Hahn          | Paxillaceae             | CT, ME     | St                    |
| **Paxillus rubicundulus** P.D. Ortont       | Paxillaceae             | CT, ME, PA | St                    |
| **Patellaria atrata** (Hedw.) Fr.          | Patellariaceae          | CT, ME, PA, SR | Sw |
| **Paxillus ammoniavirescens** Contu & Dess | Paxillaceae             | CT, ME     | St                    |
| **Paxillus involutus** (Batsch) Fr.        | Paxillaceae             | AG, CL, CT, EN, ME, PA, RG, SR, TP | St |
| **Paxillus ionipus** Quel.                 | Paxillaceae             | CT, ME     | St                    |
| **Paxillus rubicundulus** P.D. Ortont       | Paxillaceae             | CT, ME, PA | St                    |
| **Peniophora boidini** D.A. Reid           | Peniophoraceae          | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| **Peniophora cinerea** (Pars.) Cooke       | Peniophoraceae          | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| **Peniophora incarnata** (Pars.) P. Karst. | Peniophoraceae          | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| **Peniophora lycii** (Pars.) Höhn. & Litsch.| Peniophoraceae          | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| **Peniophora meridionalis** Boidin          | Peniophoraceae          | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| **Peniophora nuda** (Fr.) Bres.            | Peniophoraceae          | PA         | Sw                    |
| **Peniophora pini** (Schleich.) Boidin     | Peniophoraceae          | PA         | Sw                    |
| **Peniophora quercina** (Pars.) Cooke      | Peniophoraceae          | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| **Peniophora versicolor** (Bres.) Sacc. & P. Syd. | Peniophoraceae | PA | Sw | |
| **Peniophora versiformis** (Berk. & M.A. Curtis) | Peniophoraceae | TP | Sw | |
| **Bourdot & Galzin**                       |                         |            |                       |
| **Peniophorea praetermissa** (P. Karst.)   | Rickenellaceae          | CT, ME, PA | Sw                    |
| **K.H. Larss.**                            |                         |            |                       |
| **Peniophorea pubera** (Fr.) P. Karst.     | Rickenellaceae          | CT, ME     | Sw                    |
| **Penitlliamyces romellii** (Ginns) Zmitr.,| Coniophoraceae          | PA         | Sw                    |
| **Kalinovskaya & Myasnikov**               |                         |            |                       |
| **Perrotia flammea** (Alb. & Schwein.) Boud.| Coniophoraceae          | PA         | Sw                    |
| **Peziza ammophila** Durieu & Lév.         | Lachnaceae              | PA         | Sw                    |
| **Pezizia arvernensis** Roze & Boud.       | Pezizaceae              | AG, CT, ME, PA, RG, SR; TP | St |
| **Peziza brunneoatra** Desm.               | Pezizaceae              | CT, ME, PA | St                    |
| **Peziza cera** Sowerby                    | Pezizaceae              | PT         | St                    |
| **Peziza domiciliana** Cooke               | Pezizaceae              | PA         | St                    |
| **Peziza echinopora** P. Karst.            | Pezizaceae              | PA         | St                    |
| **Peziza fineti** (Fuckel) E.C. Hansen     | Pezizaceae              | CT, ME, PA | St                    |
| **Peziza hortensis** P. Crouan & H. Crouan | Pezizaceae              | CT, ME, PA | St                    |
| **Peziza lobulata** (Velen.) Svřeček        | Pezizaceae              | PA         | St                    |
| **Peziza maximovicii** (Velen.) Svřeček     | Pezizaceae              | PA         | St                    |
| **Peziza micropus** Pers.                  | Pezizaceae              | PA         | St                    |
| **Peziza praetervisa** Bres.               | Pezizaceae              | CT, ME     | St                    |
| **Peziza proteana** (Boud.) Seaver         | Pezizaceae              | AG, CL, CT, EN, ME, PA, RG, SR, TP | St |
| **Peziza pseudoammophila** Don & Donadini   | Pezizaceae              | CL, PA, RG, SR | St |
| **Peziza pseudoviolacea** Don & Donadini   | Pezizaceae              | PA         | St                    |
| **Peziza repanda** Pers.                   | Pezizaceae              | PA         | St                    |
| **Peziza sepiatria** Cooke                 | Pezizaceae              | SR         | St                    |
| **Peziza subviolacea** Svřeček              | Pezizaceae              | PA         | St                    |
| **Peziza varia** (Hedw.) Alb. & Schwein.   | Pezizaceae              | CL, PA, RG | St                    |
| **Peziza vesiculosa** Bull.                | Pezizaceae              | AG, CL, CT, EN, ME, PA, RG, SR, TP | St |
| **Peziza violacea** (Bull.) Relhan         | Pezizaceae              | PA         | St                    |
| **Phaeolepiota aura** (Matt.) Maire        | Pezizaceae              | PA         | St                    |
| **Phaeomarasmius erinaceus** (Fr.) Scherff.| Tubariaceae             | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| ex Romagn.                                  |                         |            |                       |
| **Phanerochaeta laevis** (Fr.) J. Erkss. & Ryvarden | Phanerochaetaceae | CT, ME, PA, TP | Sw | |
| **Phanerochaeta martilliana** (Bres.) J.    | Phanerochaetaceae       | CT, ME, PA, TP | Sw | |
Table 1. Cont.

| Taxon | Family | Provinces | Ecological Categories |
|-------|--------|-----------|----------------------|
| Phanerochaete sordida (P. Karst.) J. Erikss. & Ryvarden | Phanerochaetaceae | CT, ME, PA, TP | Sw |
| Phaeoclavulina abietina (Pers.) Giachini | Gomphaceae | CT, ME, PA, TP | St |
| Phaeoclavulina flaccida (Fr.) Giachini | Gomphaceae | CT, ME | St |
| Phaeoclavulina myceliosa (Peck) Franchi & M. Marchetti | Gomphaceae | CT, ME, PA, TP | Sw |
| Phaeoclavulina quercus-ilicis (Schild) Giachini | Gomphaceae | CT, ME, PA, TP | St |
| Phaeolus schwinitzii (Fr.) Pat. | Phanerochaetaceae | CT, ME, PA | Sw |
| Phaeophlebiopsis ravenelii (Cooke) Zmitr. | Phanerochaetaceae | CT, ME, PA, TP | Sw |
| Phaeotremella foliacea (Pers.) Wedin, J.C. Zamora & Millanes | Tremellaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| Phallus hadriani Vent. | Phallaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | St |
| Phallus impudicus L. | Phallaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | St |
| Phanerochaete jose-ferreirae (D.A. Reid) D.A. Reid | Phanerochaetaceae | TP | Sw |
| Phanerochaete martelliana (Bres.) J. Erikss. & Ryvarden | Phanerochaetaceae | CT, ME, PA, TP | Sw |
| Phanerochaete sordida (P. Karst.) J. Erikss. & Ryvarden | Phanerochaetaceae | CT, ME, PA, TP | Sw |
| Phanerochaete velutina (DC.) P. Karst. | Phanerochaetaceae | CT, ME, PA, TP | Sw |
| Phellinopsis conchata (Pers.) Y.C. Dai | Hymenochaetaceae | CT, ME, PA, TP | Sw |
| Phellinus erectus A. David, Dequatre & Fiaison | Hymenochaetaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| Phellinus igniarus (L.) Quél. | Hymenochaetaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| Phellinus pomaceus (Pers.) Maire | Hymenochaetaceae | CT, ME, PA | Sw |
| Phellinus rhamni (Bondartseva) H. Jahn | Hymenochaetaceae | PA | Sw |
| Phellinus rimosus (Berk.) Pilát | Hymenochaetaceae | PA | Sw |
| Phellodon niger (Fr.) P. Karst. | Thelephoraceae | CT, ME, PA, TP | Em |
| Phlebia lilaescens (Bourd) J. Erikss. & Hjortstam | Meruliceae | PA | Sw |
| Phlebia margarita (Duhem & H. Michel | Meruliceae | TP | Sw |
| Phlebia rufa (Pers.) M.P. Christ. | Meruliceae | PA | Sw |
| Phlebia segregata (Bourd & Galzin) Farmasto | Meruliceae | PA | Sw |
| Phlebia tremellosa (Schrad.) Nakasone & Burdus. | Meruliceae | TP | Sw |
| Phlebiopsis gigantea (Fr.) Jülich | Phanerochaetaceae | CT, ME, PA | Sw |
| Phlebiopsis ravenelii (Cooke) Hjortstam | Phanerochaetaceae | PA | Sw |
| Phlebiopsis roumeguerei (Bres.) Jülich & Stalpers | Phanerochaetaceae | PA | Sw |
| Phlegmacium amoenum (Rob. Henry ex P.D. Orton) Niskanen & Liimatt. | Cortinariaceae | CT, ME | Em |
| Phlegmacium balteatocumatile (Rob. Henry ex P.D. Orton) Niskanen & Liimatt. | Cortinariaceae | CT, ME | Em |
| Phlegmacium moenne-loccozii (Bidaud) Niskanen & Liimatt. | Cortinariaceae | CT, ME | Em |
| Phlegmacium triumphans (Fr.) Niskanen & Liimatt. | Cortinariaceae | CT, ME | Em |
| Phlegmacium variforme (Malençon) Niskanen & Liimatt. | Cortinariaceae | CT, ME | Em |
| Phloeomana alba (Bres.) Redhead | Porotheleaceae | PA | Sw |
| Phloeomana minutula (Sacc.) Redhead | Porotheleaceae | CT, ME | Sw |
| Pholiota aurivella (Batsch) P. Kumm. | Strophariaceae | CT, ME, PA | Sw |
| Pholiota carbonaria (Fr.) Singer | Strophariaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sbg |
| Pholiota conissans (Fr.) M.M. Moser | Strophariaceae | CT, ME | Sw |
| Pholiota decussata (Fr.) M.M. Moser | Strophariaceae | CT, ME, TP | St |
| Taxon                              | Family            | Provinces   | Ecological Categories |
|------------------------------------|-------------------|-------------|-----------------------|
| **Pholiota gummosa** (Lasch) Singer | Strophariaceae    | PA, TP      | St                    |
| **Pholiota lenta** (Pers.) Singer  | Strophariaceae    | PA          | St                    |
| **Pholiota lucifera** (Lasch) Quél | Strophariaceae    | PA          | St                    |
| **Pholiota spumosa** (Fr.) Singer  | Strophariaceae    | PA          | St                    |
| **Pholiota squarrosa** (Vahl) P. Kumm. | Strophariaceae    | CT, ME, PA  | Sw                    |
| **Pholiota tuberculosa** (Schaeff.) P. Kumm. | Strophariaceae    | CT, ME      | Sw                    |
| **Phyllopora ribis** (Schumach.) Ryvarden | Hymenochaetaceae  | PA, TP      | Sw                    |
| **Phylloporus pelletieri** (Lév.) Quél. | Boletaceae        | CT, ME      | Em                    |
| **Phylloscypha boltonii** (Quél.) Van Vooren & Hairaud | Pezizaceae | CL, SR | St |
| **Phylloscypha phyllogena** (Cooke) Van Vooren | Pezizaceae | CT, ME, PA | St |
| **Picipes badius** (Persoon) Zmitr. & Kovalenko | Polyporaceae | CT, ME | Sw |
| **Picipes melanopus** (Pers.) Zmitr. & Kovalenko | Polyporaceae | CT, ME | Sw |
| **Pilatotrama ljubarskyi** (Pilát) Zmitrovich | Polyporaceae | SR | Sw |
| **Pisolithus albus** (Cooke & Massee) Priest | Sclerodermataceae  | PA | Scl |
| **Pisolithus arhizus** (Scop.) Rauschert | Sclerodermataceae  | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| **Pithya cupressina** (Batsch) Fuckel | Sarcoscyphaceae  | RG, SR     | Sw                    |
| **Plectania melastoma** (Sowerby) Fuckel | Sarcosomataceae  | CT, ME      | Sw                    |
| **Plectania rhytidia** (Berk.) Nannf. & Korf | Sarcosomataceae  | PA          | Sw                    |
| **Pleurotus cornucopiae** (Paulet) Rolland | Pleurotaceae | CT, ME, PA | Sw |
| **Pleurotus dryinus** (Pers.) P. Kumm. | Pleurotaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| **Pleurotus eryngii** (DC.) Quél. var. eryngii | Pleurotaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | St |
| **Pleurotus eryngii** (DC.) Quél. var. elaeoselini Venturella, Zervakis & La Rocca | Pleurotaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | St |
| **Pleurotus eryngii** (DC.) Quél. var. thapsiae (Lanzi) Sacc. | Pleurotaceae | PA | St |
| **Pleurotus fuscospaumulosus** D.A. Reid & Eicker | Pleurotaceae | PA | Sw |
| **Pleurotus nebrodensis** (Inzenga) Quél. | Pleurotaceae | PA | St |
| **Pleurotus opuntiae** (Durieu & Lév.) Sacc. | Pleurotaceae | CT, ME, PA | Scl |
| **Pleurotus ostreatus** (Jacq.) P. Kumm. | Pleurotaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| **Plicaria carbonaria** (Fuckel) P. Kumm. | Pyronemataceae | AG, PA | Sbg |
| **Plicaria endocarpoides** (Berk.) Rifai | Pyronemataceae | CT, ME, PA | St |
| **Pluteus atromarginatus** (Konrad) Kühner | Pluteaceae | CT, ME | Sw |
| **Pluteus aurantirugosus** (Trog) Sacc. | Pluteaceae | CT, ME | Sw |
| **Pluteus cervinus** (Schaeff.) P. Kumm. | Pluteaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| **Pluteus chrysophaeus** (Schaeff.) Quél. | Pluteaceae | CT, ME, PA | Sw |
| **Pluteus cinereofuscus** J.E. Lange | Pluteaceae | CT, ME, PA | Sw |
| **Pluteus ephelus** (Fr.) Gillet | Pluteaceae | CT, ME, PA | Sw |
| **Pluteus exigus** (Pat.) Sacc. | Pluteaceae | CT, ME | Sw |
| **Pluteus hiattulus** Romagn. | Pluteaceae | CT, ME, PA | Sw |
| **Pluteus inquillimus** Romagn. | Pluteaceae | CT, ME, PA | Sw |
| **Pluteus minimus** (Henn.) Sacc. & P. Syd. | Pluteaceae | CT, ME, PA | Sw |
| **Pluteus nameus** (Pers.) Sacc. & P. Syd. | Pluteaceae | CT, ME, PA | Sw |
| **Pluteus petasatus** (Fr.) Gillet | Pluteaceae | CT, ME, PA | Sw |
| **Pluteus pusillus** Romagn. | Pluteaceae | CT, ME, PA | Sw |
| **Pluteus romellii** (Britzelm.) Sacc. | Pluteaceae | CT, ME, PA | Sw |
| **Pluteus salicinus** (Pers.) P. Kumm. | Pluteaceae | CT, ME | Sw |
| **Pluteus satr Kühner & Romagn.** | Pluteaceae | CT, ME | Sw |
| **Pluteus semibulbosus** (Lasch) Quél. | Pluteaceae | TP | Sw |
| **Pluteus thomsonii** (Berk. & Broome) Dennis | Pluteaceae | PA | Sw |
| **Pluteus umbrosus** (Pers.) P. Kumm. | Pluteaceae | PA | Sw |
Table 1. Cont.

| Taxon                                      | Family                      | Provinces | Ecological Categories |
|---------------------------------------------|-----------------------------|-----------|-----------------------|
| Podoscypha multizonata (Berk. & Broome) Pat.| Podoscyphaceae              | CT, ME    | Sw                    |
| Polyozellus griseopergamaceus (M.J. Larsen) | Thelephoraceae              | CT, ME    | St                    |
| Svantesson & Kjølåg                         |                             |           |                       |
| Polyporus lipsiensis (Batsch) E.H.L. Krause | Polyporaceae                | CT, ME, PA| Sw                    |
| Poronia punctata (L.) Fr.                   | Xylariaceae                | PA        | Sd                    |
| Poroporia macrorhizum (Quél.) Bon           | Pseudoclitocybaceae        |           |                       |
| Porostereum spadiceum (Pers.) Hjortstam & Ryvarden | Phanerochaetaceae | CT, ME, PA | Sw                    |
| Postia rennyi (Berk. & Broome) Rajchenb.    | Dacryobolaceae             | CT, ME    | Sw                    |
| Postia tephroleuca (Fr.) Jülich             | Dacryobolaceae             | CT, ME    | Sw                    |
| Praetumpfia obducens (Schumach.)            | Melanommataceae            | PA        | Sw                    |
| Jaklitsch & Voglmayr                        |                             |           |                       |
| Propolis farinosa (Pers.) Fr.               | Marthamycetaceae           | CT, ME, PA| Sw                    |
| Protostropharia semiglobata (Batsch)        | Strophariaceae             |           | Sd                    |
| Redhead, Moncalvo & Vilgaly                |                             |           |                       |
| Psathyrella amnophila (Durieu & Lév.)       | Psathyrellaceae            | CL, CT, PA, RG, SR | St |
| P.D. Orton                                  |                             |           |                       |
| Psathyrella artemisiae (Pass.)              | Psathyrellaceae            | PA        | St                    |
| Konrad & Maubl.                             |                             |           |                       |
| Psathyrella bipelis (Quél.) A.H. Sm.        | Psathyrellaceae            | PA        | St                    |
| Psathyrella candollea (Fr.) Maire           | Psathyrellaceae AG, CL, CT, EN, ME, PA, PA, RG, SR, TP | Sw | |
| Psathyrella conopilea (Fr.) A.              | Psathyrellaceae CT, ME, PA, TP | St |                       |
| Pearson & Dennis                            |                             |           |                       |
| Psathyrella corrugis (Pers.) Konrad & Maubl.| Psathyrellaceae CT, ME, PA | St |                       |
| Psathyrella cotonea (Quél.) Konrad & Maubl. | Psathyrellaceae CT, ME, PA | St |                       |
| Psathyrella flexispora T.J. Wallace & P.D. Orton | Psathyrellaceae CT, ME, PA | St |                       |
| Psathyrella lacrymabunda (Bull.) M.M. Moser | Psathyrellaceae CT, ME, PA | St |                       |
| ex A.H. Sm.                                 |                             |           |                       |
| Psathyrella multipedata (Peck) A.H. Sm.     | Psathyrellaceae CT, ME, PA | St |                       |
| Psathyrella niveobadia (Romagn.) M.M. Moser | Psathyrellaceae CT, ME, PA | St |                       |
| Psathyrella orbitarum (Romagn.) M.M. Moser | Psathyrellaceae CT, ME, PA | St |                       |
| Psathyrella pennata (Fr.) A. Pearson & Dennis | Psathyrellaceae CT, ME, PA | St |                       |
| Psathyrella piluliformis (Bull.) P.D. Orton | Psathyrellaceae CT, ME, PA | St |                       |
| Psathyrella pseudosacca (Romagn.) Kits van Wav. | Psathyrellaceae CT, ME, PA | St |                       |
| Psathyrella saponacea F.H. Moller           | Psathyrellaceae CT, ME, PA | St |                       |
| Psathyrella spadicoigrisea (Schaeff.) Maire | Psathyrellaceae CT, ME, PA | St |                       |
| Psathyrella splagnicola (Maire) J. Favre     | Psathyrellaceae CT, ME, PA | St |                       |
| Psathyrella tephrophylla (Romagn.) Bon       | Psathyrellaceae CT, ME, PA | St |                       |
| Pseudoboletus parasiticus (Bull.) Šutara    | Boletaceae                 | CT, ME    | Em                    |
| Pseudoclitocybe cyathiformis (Bull.) Singer | Pseudoclitocybaceae AG, PA | St |                       |
| Pseudocataterellus undulatus (Pers.) Rauschert | Hydnaceae CT, ME, PA | St |                       |
| Pseudoinonotus dryadeus (Pers.) T. Wagner & M. Fisch. | Hymenochaetaceae CT, ME, PA | Sw |                       |
| Psudepeciza medicaginis (Lib.) Sacc.        | Drepanopezizaceae CT, ME, PA | St |                       |
| Pseudopeciza trifoli (Biv.) Fückel          | Drepanopezizaceae CT, ME, PA | St |                       |
| Pseudosperma arenicola (R. Heim) Matheny & Esteve-Rav. | Inocybaceae PA, SR | Em |                       |
| Pseudosperma flavellum (P. Karst.) Matheny & Esteve-Rav. | Inocybaceae CT, ME, PA | Em |                       |
Table 1. Cont.

| Taxon                                      | Family               | Provinces | Ecological Categories |
|--------------------------------------------|----------------------|-----------|----------------------|
| *Pseudosperma rimosum* (Bull.) Matheny &   | Inocybaceae          | AG, PA, TP| Em                   |
| Esteve-Rav.                                |                      |           |                      |
| *Pseudosperma squamatum* (J.E. Lange)      | Inocybaceae          | CT, ME, PA, TP| Em                   |
| Matheny & Esteve-Rav.                      |                      |           |                      |
| *Pseudotomentella tristis* (P. Karst.)     | Thelephoraceae       | CT, ME, PA, TP| Em                   |
| M.J. Larsen                                |                      |           |                      |
| *Psilocybe aurantiaca* (Cooke) Noordel.    | Hymenogastraceae     | CT, ME, PA, TP| Sd                   |
| *Psilocybe coronilla* (Bull.) Noordel.     | Hymenogastraceae     | AG, PA, TP| Sd                   |
| *Psilocybe cyanescens* Wakef.              | Hymenogastraceae     | CT, ME, PA, TP| Sd                   |
| *Psilocybe semilanceata* (Fr.) P. Kumm.    | Hymenogastraceae     | CT, ME    | Sd                   |
| *Pterula multifida* (Chevall.) Fr.         | Pterulaceae          | CT, ME    | St                   |
| *Pulcherccium coeruleum* (Lam.) Parmasto   | Phanerochaetaceae    | AG, CL, CT, EN, ME, PA, RG, SR, TP| Sw                   |
| *Pulchroboletus rosealbidus* (Alessio & Littini) | Boletaceae   | CT, ME, PA| Em                   |
| Gelardi, Vizzini & Simonini                |                      |           |                      |
| *Pulvinula archeri* (Berk.) Rifai          | Pulvinulaceae        | CT, ME, PA| Sw                   |
| *Pulvinula johnannis Lantieri*             | Pulvinulaceae        | CT, ME, PA| Sw                   |
| *Pycnoporus cinnabarinus* (Jacq.) P. Karst.| Polyporaceae         | CT, ME, PA| Sw                   |
| *Pyronema domesticum* (Sowerby) Sacc.      | Pyronemataceae       | AG, CL, CT, EN, ME, PA, RG, SR, TP| Sbg                  |
| *Radulomyces confluentus* (Fr.) M.P. Christ.| Radulomyctaceae     | CT, ME, PA| Sw                   |
| *Radulomyces molaris* (Chaillet ex Fr.) M.P. Christ. | Radulomyctaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP| Sw                   |
| *Ramaria aurea* (Schaeff.) Quél.           | Gomphaceae           | CT, ME, PA| St                   |
| *Ramaria betyritis* (Pers.) Bourdot         | Gomphaceae           | AG, CL, CT, EN, ME, PA, RG, SR, TP| St                   |
| *Ramaria fennica* (P. Karst.) Ricken       | Gomphaceae           | CT, ME    | St                   |
| *Ramaria flavia* (Schaeff.) Quél.          | Gomphaceae           | CT, ME, PA| St                   |
| *Ramaria flavescens* (Schaeff.) R.H. Petersen | Gomphaceae         | CT, ME, PA| St                   |
| *Ramaria formosa* (Pers.) Quél.            | Gomphaceae           | CT, ME    | St                   |
| *Ramaria gracilis* (Pers.) Quél.           | Gomphaceae           | CT, ME, PA| St                   |
| *Ramaria pallida* (Schaeff.) Ricken        | Gomphaceae           | CT, ME, PA| St                   |
| *Ramaria pseudogracilis* R.H. Petersen     | Gomphaceae           | CT, ME, PA| St                   |
| *Ramaria stricta* (Pers.) Quél.            | Gomphaceae           | AG, PA, TP| St                   |
| *Ramaricium albo-ochraceum* (Bres.) Jülich | Gomphaceae           | CT, ME    | St                   |
| *Ramariopsis kunzei* (Fr.) Corner          | Clavariaceae         | CT, ME, PA| St                   |
| *Ramariopsis pulchella* (Boud.) Corner     | Clavariaceae         | CT, ME, PA| St                   |
| *Ramariopsis subtulis* (Pers.) R.H. Petersen | Clavariaceae       | CT, ME, PA| St                   |
| *Reddellomyces donki* (Malençon) Trappe, Castellano & Malajczuk | Tuberaeae | AG, CL, CT, EN, ME, PA, RG, SR, TP| Sw                   |
| *Resipinus applicatus* (Batsch) Gray       | Pleurotaceae         | AG, CL, CT, EN, ME, PA, RG, SR, TP| Sw                   |
| *Resipinus porisformis* (Pers.) Thorn, Moncalvo & Redhead | Pleurotaceae |          | PA                   |
| *Rhizoclonium viscosum* (Bres.) Jülich     | Gomphaceae           | CT, ME    | St                   |
| *Rhizopogon luteolus* Fr.                  | Physalacriaceae      | CT, ME, PA| Sle                  |
| *Rhizopogon obtexpertus* (Spreng.) R. Rauschert | Rhizopogonaceae |          | Em                   |
| *Rhizopogon roseolus* (Corda) Th. Fr.      | Rhizopogonaceae     | AG, CT, ME, PA| Em                   |
| *Rhodocollybia butyracea* (Bull.) Lennox   | Omphalotaceae        | PA, TP    | St                   |
| *Rhodocollybia maculata* (Alb. & Schwein.) Singer | Omphalotaceae |          | St                   |
| *Rhodocybe truncata* (Schaeff.) Singer     | Entolomataceae       | CT, ME, PA| St                   |
| Taxon                              | Family                | Provinces   | Ecological Categories |
|-----------------------------------|-----------------------|-------------|-----------------------|
| *Rhodophana nitellina* (Fr.) Papetti | Entolomataceae        | CT, ME, PA  | St                    |
| *Rhodotus palmatus* (Bull.) Maire | Physalaciaceae        | CT, ME, PA  | Sw                    |
| *Rigidopus ulmarius* (Sowerby) Imazeki | Meripilaceae         | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Ripartites tricholoma* (Alb. & Schwein.) P. Karst. | Incertae sedis | PA          | St                    |
| *Roridomyces roridus* (Fr.) Rexer | Mycenaceae            | CT, ME      | Sw                    |
| *Rosellinia aquila* (Fr.) Ces. & De Not. | Xylariaceae         | CT, ME, PA  | Sw                    |
| *Rosellinia mammiformis* (Pers.) Ces. & De Not. | Xylariaceae         | CT, ME, PA  | Sw                    |
| *Rubroboletus legaliae* (Pilát & Dermek) Della Magg. & Trassin. | Boletaceae           | CT, ME, PA  | Em                    |
| *Rubroboletus lupinus* (Fr.) Costanzo, Gelardi, Simonini & Vizzini | Boletaceae           | CT, ME, PA  | Em                    |
| *Rubroboletus rhodoxanthus* (Krombh.) Kuan Zhao & Zhu L. Yang | Boletaceae           | CT, ME, PA  | Em                    |
| *Rubroboletus rubrosanguineus* (Cheype) Kuan Zhao & Zhu L. Yang | Boletaceae           | CT, ME, PA  | Em                    |
| *Russula acrifolia* Romagn.       | Russulaceae           | CT, ME, PA  | Em                    |
| *Russula adusta* (Pers. Fr.       | Russulaceae           | CT, ME, PA  | Em                    |
| *Russula albomitra* (Krombh. Fr.  | Russulaceae           | CT, ME, PA  | Em                    |
| *Russula alnetum* Romagn.         | Russulaceae           | CT, ME, PA  | Em                    |
| *Russula alutacea* (Fr. Fr.       | Russulaceae           | CT, ME, PA  | Em                    |
| *Russula amarissima* Romagn. & E.-J. Gilbert | Russulaceae         | CT, ME, PA  | Em                    |
| *Russula amoena* Quel.            | Russulaceae           | CT, ME, PA  | Em                    |
| *Russula amoenicolor* Romagn.     | Russulaceae           | CT, ME, PA  | Em                    |
| *Russula amoenolens* Romagn.      | Russulaceae           | CT, ME, PA  | Em                    |
| *Russula anatina* Romagn.         | Russulaceae           | CT, ME, PA  | Em                    |
| *Russula anthracina* Romagn.      | Russulaceae           | CT, ME, PA  | Em                    |
| *Russula atropurpurea* (Krombh.) Britzelm. | Russulaceae         | CT, ME, PA  | Em                    |
| *Russula atrorubens* Quel.        | Russulaceae           | CT, ME, PA  | Em                    |
| *Russula aurea* Pers.             | Russulaceae           | CT, ME, PA  | Em                    |
| *Russula aurora* Krombh.          | Russulaceae           | CT, ME, PA  | Em                    |
| *Russula badia* Quel.             | Russulaceae           | CT, ME, PA  | Em                    |
| *Russula caerulea* Fr.            | Russulaceae           | CT, ME, PA  | Em                    |
| *Russula carminipes* J. Blum      | Russulaceae           | CT, ME, PA  | Em                    |
| *Russula caviipes* Britzelm.      | Russulaceae           | CT, ME, PA  | Em                    |
| *Russula cessans* A. Pearson      | Russulaceae           | CT, ME, PA  | Em                    |
| *Russula chloroides* (Krombh.) Bres. | Russulaceae         | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| *Russula cicatricula* Romagn. ex Bon | Russulaceae         | CT, ME, PA  | Em                    |
| *Russula citrinochlorella* Singer | Russulaceae           | CT, ME, PA  | Em                    |
| *Russula clariana* R. Heim ex Kuyper & Vuure | Russulaceae         | CT, ME      | Em                    |
| *Russula claroflavia* Grove       | Russulaceae           | CT, ME, PA  | Em                    |
| *Russula cuprea* Krombh.          | Russulaceae           | CT, ME, PA  | Em                    |
| *Russula curtipes* F.H. Møller & Jul. Schäff. | Russulaceae         | CT, ME, PA  | Em                    |
| *Russula cyanoxantha* (Scheaff.) Fr. | Russulaceae         | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| *Russula decipiens* (Singer)      | Russulaceae           | PA, TP      | Em                    |
| *Kühner & Romagn.                | Russulaceae           | CT, ME, PA  | Em                    |
| *Russula decolorans* (Fr. Fr.     | Russulaceae           | CT, ME, PA  | Em                    |
| *Russula delica* Fr.              | Russulaceae           | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| *Russula densifolia* Secr. ex Gillet | Russulaceae         | PA, TP      | Em                    |
| *Russula elegaris* Bres.          | Russulaceae           | CT, ME, PA  | Em                    |
| *Russula emetica* (Scheaff.) Pers. | Russulaceae           | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| *Russula emeticolor* Jul. Schäff. | Russulaceae           | CT, ME      | Em                    |
Table 1. Cont.

| Taxon                      | Family          | Provinces | Ecological Categories |
|----------------------------|-----------------|-----------|----------------------|
| Russula faginea Romagn.    | Russulaceae     | CT, ME, PA| Em                   |
| Russula farinipes Romell   | Russulaceae     | CT, ME, TP| Em                   |
| Russula foetens Pers.      | Russulaceae     | CT, ME, PA, TP | Em |
| Russula font-queris Singer | Russulaceae     | CT, ME, PA, TP | Em |
| Russula fragrans Romagn.   | Russulaceae     | CT, ME, PA, TP | Em |
| Russula fragilis Fr.       | Russulaceae     | CT, ME, PA, TP | Em |
| Russula gravolens Romell   | Russulaceae     | CT, ME, PA, TP | Em |
| Russula grisea Fr.         | Russulaceae     | CT, ME, PA, TP | Em |
| Russula helios Malençon ex Sarnari | Russulaceae | CT, ME, PA, TP | Em |
| Russula heterophylla (Fr.) Fr. | Russulaceae | CT, ME, PA, TP | Em |
| Russula illicis Romagn., Chevassut & Privat | Russulaceae | CT, ME, PA | Em |
| Russula illota Romagn.     | Russulaceae     | CT, ME, PA | Em                   |
| Russula insignis Quél.     | Russulaceae     | CT, ME, PA | Em                   |
| Russula integr (L.) Fr.    | Russulaceae     | CT, ME, PA | Em                   |
| Russula intermedia P. Karst.| Russulaceae     | CT, ME, PA | Em                   |
| Russula laeta Jul. Schäff. | Russulaceae     | CT, ME, PA | Em                   |
| Russula langei Bon         | Russulaceae     | CT, ME, PA | Em                   |
| Russula luteolacta Quél.   | Russulaceae     | CT, ME, PA | Em                   |
| Russula maculata Quél.     | Russulaceae     | CT, ME, PA, TP | Em |
| Russula medullata Romagn.  | Russulaceae     | CT, ME, PA | Em                   |
| Russula melioliens Quél.   | Russulaceae     | CT, ME, PA | Em                   |
| Russula minuta Velen.      | Russulaceae     | CT, ME, PA | Em                   |
| Russula mollis Quél.       | Russulaceae     | CT, ME, PA | Em                   |
| Russula monspeliensis Sarnari | Russulaceae     | CT, ME, PA | Em                   |
| Russula mustelina Fr.      | Russulaceae     | CT, ME, PA | Em                   |
| Russula nitida (Pers.) Fr. | Russulaceae     | CT, ME, PA | Em                   |
| Russula nobilis Velen.     | Russulaceae     | CT, ME, PA | Em                   |
| Russula naraquica Sarnari  | Russulaceae     | CT, ME, PA | Em                   |
| Russula ochroleuca Fr.     | Russulaceae     | CT, ME, PA | Em                   |
| Russula odorata Romagn.    | Russulaceae     | CT, ME, PA, TP | Em |
| Russula olivacea (Schaeff.) Fr. | Russulaceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| Russula olivaceolascens Gillet | Russulaceae     | CT, ME, PA | Em                   |
| Russula paludosa Britzelm. | Russulaceae     | CT, ME, PA | Em                   |
| Russula parazarae Jul. Schäff. | Russulaceae     | CT, ME, PA | Em                   |
| Russula pectinata Fr.      | Russulaceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| Russula pectinatoide Peck   | Russulaceae     | PA, TP | Em                   |
| Russula persicina Krombh.  | Russulaceae     | PA, TP | Em                   |
| Russula praetervisa Sarnari | Russulaceae     | CT, ME | Em                   |
| Russula prinophila Sarnari | Russulaceae     | CT, TP | Em                   |
| Russula puellaris Fr.      | Russulaceae     | PA, TP | Em                   |
| Russula purpurascens Bres. | Russulaceae     | PA, TP | Em                   |
| Russula quelletii Fr.      | Russulaceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| Russula rhodomelanae Sarnari | Russulaceae     | CT, ME | Em                   |
| Russula raoulthii Quél.    | Russulaceae     | CT, ME, PA | Em |
| Russula ravida Fr.         | Russulaceae     | CT, ME, PA | Em |
| Russula risigallina (Batsch) Sacc. | Russulaceae | CT, ME, PA, TP | Em |
| Russula rosea Pers.        | Russulaceae     | CT, ME, PA, TP | Em |
| Russula roseques Secr. ex Bres. | Russulaceae     | CT, ME | Em                   |
| Russula rubraulis (Singer) Romagn. | Russulaceae | CT, ME, PA | Em |
| Russula rubrocarminia Romagn. | Russulaceae     | CT, ME, PA | Em |
| Russula sanguinaria (Schumach.) Rauschert | Russulaceae | CT, ME, PA | Em |
| Russula sanguinea Fr.      | Russulaceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
Table 1. Cont.

| Taxon                                      | Family            | Provinces | Ecological Categories |
|--------------------------------------------|-------------------|-----------|-----------------------|
| Russula sardonia Fr.                       | Russulaceae       | CT, ME, PA, TP | Em                    |
| Russula separina Dupain                    | Russulaceae       | CT, ME, PA | Em                    |
| Russula sericatula Romagn.                 | Russulaceae       | CT, ME, PA | Em                    |
| Russula silvestris (Singer) Reumaux        | Russulaceae       | CT, ME, PA | Em                    |
| Russula sororia (Fr.) Romell               | Russulaceae       | CT, ME, PA | Em                    |
| Russula sphagnophila Kaufman               | Russulaceae       | CT, ME, PA | Em                    |
| Russula straminato Malencon               | Russulaceae       | CT, ME    | Em                    |
| Russula subterfurcata Romagn.              | Russulaceae       | CT, ME, PA, TP | Em                |
| Russula tyrhonica Sarnari                  | Russulaceae       | CT, ME    | Em                    |
| Russula turcic Bres.                       | Russulaceae       | CT, ME    | Em                    |
| Russula unicolor Romagn.                   | Russulaceae       | CT, ME, PA, TP | Em                |
| Russula telenovskyi Melzer & Zvára         | Russulaceae       | CT, ME, PA, TP | Em                |
| Russula versicolor Jul. Schäff.            | Russulaceae       | CT, ME    | Em                    |
| Russula vesca Fr.                          | Russulaceae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em             |
| Russula veternosa Fr.                      | Russulaceae       | CT, ME, PA | Em                    |
| Russula vinosa Lindblad                    | Russulaceae       | CT, ME, PA | Em                    |
| Russula vinosopurpurea Jul. Schäff.        | Russulaceae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em             |
| Russula violacea Quel.                     | Russulaceae       | CT, ME, PA, TP | Em                |
| Russula violeipes Quel.                    | Russulaceae       | CT, ME, PA, TP | Em                |
| Russula virens (Schaeff.) Fr.              | Russulaceae       | PA, TP    | Em                    |
| Russula werneri Maire                      | Russulaceae       | CT, ME, TP | Em                    |
| Russula xerampelina (Schaeff.) Fr.         | Russulaceae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em             |
| Sacchromycetes glaber (PERS.) Lamotte       | Ascobolaceae      | PA        | Sd                    |
| Saccothecium saccatum (Fr.) Fr.            | Saccotheciaceae   | PA        | Sw                    |
| Saproamaanthia vittadinii (Moretti) Redhead, Vizzini, Drehmel & Contu | Amanitaceae | CT, ME, PA | Em                |
| Sarcomon amaraecens (Quel.) Quel.           | Bankeraceae       | CT, ME, PA | St                    |
| Sarcomon cyanus Maas Geest.                | Bankeraceae       | CT, ME, PA | St                    |
| Sarcomon imbricatus (L.) P. Karst.          | Bankeraceae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | St             |
| Sarcomon laevigatus (Sw.) P. Karst.         | Bankeraceae       | CT, ME    | St                    |
| Sarcotheca leucopus (Pers.) Maas Geest.     | Bankeraceae       | CT, ME, PA | St                    |
| Sarcotheca croce (Swineh.) Kotl.           | Meruliaceae       | CT, ME, PA | Sw                    |
| Sarcotheca spumea (Sowerby) Spieß           | Meruliaceae       | CT, ME, PA | Sw                    |
| Sarcotheca australis (Beck ex Sacc.) Boud. | Sarcotheciaceae   | CT, ME    | Sw                    |
| Sarcoscypha coccinea (Gray) Boud.          | Sarcoscyphaceae   | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw             |
| Sarcoscypha malacronisca Baral & Korf      | Sarcoscyphaceae   | CT, ME    | Sw                    |
| Sarcoscypha coronaria (Jacq.) J. Schröt.   | Pezizaceae        | AG, CL, CT, EN, ME, PA, RG, SR, TP | St             |
| Schenella pituaphila (Malercon & Riousset) | Geastraceae       | PA        | St                    |
| Estrada & Lado Schenella tristis T. Macbr. | Geastraceae       | EN        | St                    |
| Schizopyllum commune Fr.                   | Schizopyllaceae   | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw             |
| Schizopyllum paradoxa (Schr.) Donk          | Schizopyllaceae   | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw             |
| Scleroderma areolatum Ehrenb.               | Sclerodermataceae | PA, TP    | Em                    |
| Scleroderma bovista Fr.                    | Sclerodermataceae | CT, ME, PA | Em                    |
| Scleroderma cepa Pers.                     | Sclerodermataceae | PA, TP    | Em                    |
| Scleroderma citrinum Pers.                 | Sclerodermataceae | PA, TP    | Em                    |
| Scleroderma flavidum Ellis & Everh.        | Sclerodermataceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em             |
| Scleroderma meridionale                    | Sclerodermataceae | CT, ME, PA | Em                    |
| Demoulin & Malencon Scleroderma polyrhizum (J.F. Gmel.) Pers. | Sclerodermataceae | CT, ME, PA | Em                    |
| Scleroderma verrucosum (Bull.) Pers.       | Sclerodermataceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em             |
| Sclerogaster compactus (Tul. & C. Tul.) Sacc. | Sclerogastreaceae | CT, ME, PA | UNK                   |
| Scopularia rimosas (Cooke) Jüllich          | Meruliaceae       | CT, ME, PA | Sw                    |
| Scutellinia hyperborea T. Schumach.        | Pyronemataceae    | CT, ME, PA | Sw                    |
| Taxon                                      | Family                | Provinces     | Ecological Categories |
|--------------------------------------------|-----------------------|---------------|-----------------------|
| Scutellinia legaliae Lohmeyer & Häffner    | Pyronemataceae        | CT, ME, PA    | Sw                    |
| *Scutellinia minor* (Velen.) Srvcék         | Pyronemataceae        | CT, ME, PA    | Sw                    |
| *Scutellinia scutellata* (L.) Lamotte      | Pyronemataceae        | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Scutellinia trechispora* (Berk. & Broome) Lamotte | Pyronemataceae | CT, ME, PA    | Sw                    |
| Bondartsev & Singer                        | Albatrellaceae        | CT, ME        | Sw                    |
| *Scytinostroma hemidichophyticum* Pouzar    | Peniophoraceae        | PA            | Sw                    |
| *Scytinostroma portentosum* (Berk. & M.A. Curtis) Donk | Peniophoraceae | PA            | Sw                    |
| *Sebacina dimitica* Oberw.                 | Sebacinaceae          | PA            | Em                    |
| *Sebacina epigaea* (Berk. & Broome) Bourdot & Galzin | Sebacinaceae | PA            | Em                    |
| *Septobasidium rameale* (Berk.) Bres.      | Septobasiaceae        | CT, ME        | Sw                    |
| *Septobasidium rameale* (Berk.) Bres.      | Septobasiaceae        | CT, ME        | Sw                    |
| *Setchelliogaster tenuipes* (Setch.) Pouzar | Bolbitiaceae         | CL, CT, ME, PA, SR, TP | Em |
| *Sidera lenis* (P. Karst.) Miettinen       | Incertae sedis        | PA            | Sw                    |
| *Simocybe sumptuosa* (P.D. Orton) Singer   | Cepidotaceae          | PA            | Sw                    |
| *Sistotrema brinkmannii* (Bres.) J. Erikk. | Hydnaceae             | CT, ME, PA    | Sw                    |
| *Sistotrema confluens* Pers.               | Hydnaceae             | Hydnaceae     | Sw                    |
| *Sistotrema muscicola* (Pers.) S. Lundell  | Hydnaceae             | Hydnaceae     | Sw                    |
| *Sistotrema oblongisporum* M.P. Christ. & Hauerslev | Hydnaceae | CL            | Sw                    |
| *Skeletocutis nivea* (Jungh.) Jean Keller  | Incrustoporiaceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Skeletocutis per candida* (Malençon & Bertault) Jean Keller | Incrustoporiaceae | PA            | Sw                    |
| *Skeletocutis subincarnata* (Peck) Jean Keller | Incrustoporiaceae     | PA            | Sw                    |
| *Skvortzovaia georgica* (Parmasto) G. Gruhn & Hallenb. | Incertae sedis | PA            | Sw                    |
| *Smaridae planchonis* (Dunal ex Boud.) Korf & W.Y. Zhuang | Pyronemataceae | RG, SR        | Sm                    |
| *Sordaria finicola* (Roberge ex Desm.) Ces. & De Not. | Sordariaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sd |
| *Sordaria humana* (Fuckel) G. Winter      | Sordariaceae          | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sd |
| *Sparassis crispa* (Wulfen) Fr.            | Sordariaceae          | AG, CL, CT, EN, ME, PA, RG, SR, TP | St |
| *Spathularia flavida* Pers.                | Cudoniaceae           | PA            | St                    |
| *Sphaerobolus stellatus* Tode              | Geastraceae           | PA            | Sw                    |
| *Spinellus fusiger* (Link) Tiegh.          | Phycomycetaceae       | CT, ME        | Pm                    |
| *Steccherinum fimbriatum* (Pers.) J. Erkiss. | Steccherinaceae      | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Steccherinum ochraceum* (Pers.) Gray      | Steccherinaceae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Steccherinum ooreophilum* Lindsey & Gilb. | Steccherinaceae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Steccherinum straminellum* (Bres.) Melo   | Steccherinaceae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Stereum gausapatum* (Fr.) Fr.             | Stereaceae            | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Stereum hirsutum* (Wdld.) Pers. Stereum insignitum Quel. | Stereaceae | PA            | Sw                    |
| *Stereum ochraceoflavum* (Schwein.) Sacc. | Stereaceae            | CL            | Sw                    |
| *Stereum rugosum* Pers.                    | Stereaceae            | ME, PA        | Sw                    |
| *Stereum sanguinolentum* (Alb. & Schwein.) Fr. | Stereaceae | CT, ME, PA    | Sw                    |
| *Stereum sublomentosum* Pouzar              | Stereaceae            | CT, ME, PA    | Sw                    |
| *Strobilomyces strobilaceus* (Scop.) Berk. | Boletaceae            | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| *Strobilurus stephanoctysis* (Kühner & Romagn. exHora) Singer | Physalaciaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| *Strobilurus tenacellus* (Pers.) Singer     | Physalaciaceae        | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| *Stropharia aeruginosa* (Curtis) Quél.     | Strophariaceae        | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sd |
Table 1. Cont.

| Taxon                              | Family                  | Provinces          | Ecological Categories |
|------------------------------------|-------------------------|--------------------|-----------------------|
| *Stropharia caerulea* Kreisel      | Strophariaceae          | CT, ME, PA         | Sd                    |
| *Subulicystidium longisporum* (Pat.) Parmasto | Hydnodontaceae     | PA                 | Sw                    |
| *Subulicystidium perlongisporum* Boidin & Gilles | Hydnodontaceae     | PA                 | Sw                    |
| *Suillellus adalgisae* (Marsico & Musumeci) N. Schwab | Boletaceae         | CT, ME, PA         | Em                    |
| *Suillellus caucasicus* (Singer ex Alessio) Blanco-Dios | Boletaceae         | CT, ME, PA         | Em                    |
| *Suillellus comptus* (Simonini) Vizzini, Simonini & Gelardi | Boletaceae         | CT, ME, PA         | Em                    |
| *Suillellus liridus* (Schaeff.) Murrill | Boletaceae         | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em       |
| *Suillellus mendax* (Simonini & Vizzini) Vizzini, Simonini & Gelardi | Boletaceae         | CT, ME             | Em                    |
| *Suillellus permagnificus* (Pöder) Blanco-Dios | Boletaceae         | CT, ME, PA         | Em                    |
| *Suillellus quetletii* (Schulzen) Vizzini, Simonini & Gelardi | Boletaceae         | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em       |
| *Suillus alkaliaurantians* Pantidou & Watling | Suillaceae         | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em       |
| *Suillus bellinii* (Inzenga) Kuntze | Suillaceae         | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em       |
| *Suillus bovinus* (L.) Roussel     | Suillaceae         | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em       |
| *Suillus collarinus* (Fr.) Kuntze  | Suillaceae         | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em       |
| *Suillus granulatus* (L.) Roussel  | Suillaceae         | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em       |
| *Suillus lakei* (Murrill) A.H. Sm. & Thiers | Suillaceae         | CT, ME             | Em                    |
| *Suillus luteus* (L.) Roussel      | Suillaceae         | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em       |
| *Suillus mediterraneensis* (Jacquet. & J. Blum) Redeuilh | Suillaceae         | CT, ME, PA         | Em                    |
| *Suillus placidus* (Bonord.) Singer | Suillaceae         | CT, ME, PA         | Em                    |
| *Szczepkamyces campestris* (Quel.) Zmitr. Polyoporaceae | Suillaceae         | AG, PA             | Sw                    |
| *Sygeospora tumefaciens* (Ginns & Sunhede) Ginns | Filobasidiaceae | CT, ME             | PA                    |
| *Tapinella atrotomentosa* (Batsch) Šutara | Tapinellaceae | CT, ME, PA         | Sw                    |
| *Tapinella panuoides* (Fr.) E.-J. Gilbert | Tapinellaceae | AG, CT, PA, RG, TP | Sw                    |
| *Tarzetta catinus* (Holmsk.) Korf & J.K. Rogers | Tarzettaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | St       |
| *Tephrocybe ambusta* (Fr.) Donk | Lyophyllaceae         | CT, ME, PA         | Sbg                   |
| *Tephrocybe anthracophila* (Lasch) P.D. Orton | Lyophyllaceae         | CT, ME, PA         | Sbg                   |
| *Tephrocybe atrata* (Fr.) Donk    | Lyophyllaceae         | CT, ME, PA         | Sbg                   |
| *Tephrocybe confusa* (P.D. Orton) P.D. Orton | Lyophyllaceae         | CT, ME, PA         | Sbg                   |
| *Tephrocybe putida* (P. Karst.) M.M. Moser | Lyophyllaceae         | CT, ME, PA         | Sbg                   |
| *Tephrocybe rancida* (Fr.) Donk   | Lyophyllaceae         | CT, ME, PA         | Sbg                   |
| *Tomentella badia* (Lam.) Kuntze  | Phanerocactaceae      | CT, ME, PA         | Sw                    |
| *Terfezia arenaria* (Moris) Trappe | Pezizaceae         | PA                 | Em                    |
| *Terfezia boudieri* Chatin         | Pezizaceae         | PA                 | Em                    |
| *Thaxterogaster purpurascens* (Fr.) Niskanen & Liimat. | Cortinariaceae       | CT, ME             | Em                    |
| *Thelephora anchocephala* (Bull.) Fr. | Thelephoraceae       | CT, ME             | Sli                   |
| *Thelephora Caryophylla* (Schaef.) Pers. | Thelephoraceae       | CT, ME, PA         | Sli                   |
| *Thelephora palmata* (Scop.) Fr. | Thelephoraceae       | CT, ME, PA         | Sli                   |
| *Thelephora terrestris* Ehrh.    | Thelephoraceae       | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sli       |
| *Thelephora wakefieldiae* Zmitr., Shchechin, Volobuev & Myasnikov | Thelephoraceae       | PA                 | Sli                   |
| *Tomentella badia* (Link) Stalpers | Thelephoraceae       | PA, TP             | Em                    |
| *Tomentella bryophila* (Pers.) M.J. Larsen | Thelephoraceae       | PA, TP             | Em                    |
| *Tomentella caryophylla* Litsch.  | Thelephoraceae       | PA, TP             | Em                    |
| *Tomentella coerulae* Höhn. & Litsch. | Thelephoraceae       | PA, TP             | Em                    |
| *Tomentella fuscoserina* (Pers.) Donk | Thelephoraceae       | PA, TP             | Em                    |
| *Tomentella italicca* (Sacc.) M.J. Larsen | Thelephoraceae       | CT, ME             | Em                    |
| Taxon                          | Family              | Provinces | Ecological Categories |
|-------------------------------|---------------------|-----------|-----------------------|
| *Tomentella lapida* (Pers.) Stalpers | Thelephoraceae       | CT, ME    | Em                    |
| *Tomentella lateritia* Pat.    | Thelephoraceae       | PA        | Em                    |
| *Tomentella lilacinogrisea* Wakef. | Thelephoraceae       | CT, ME    | Em                    |
| *Tomentella oligofibula* M.J. Larsen, Beltrán-Tej. & Rodr.-Armas | Thelephoraceae       | CT, ME    | Em                    |
| *Tomentella pilosa* (Burt) Bourdot & Galzin | Thelephoraceae       | CT, ME, PA| Em                    |
| *Tomentella punicea* (Alb. & Schwein.) J. Schröt. | Thelephoraceae       | CT, ME, PA| Em                    |
| *Tomentella subtestacea* Bourdot & Galzin | Thelephoraceae       | CT, ME, PA| Em                    |
| *Tomentella stuposa* (Link) Stalpers | Thelephoraceae       | CT, ME, PA| Em                    |
| *Tomentella subcinerascens* Litsch. | Thelephoraceae       | CT, ME    | Em                    |
| *Tomentella subclavigera* Litsch. | Thelephoraceae       | PA        | Em                    |
| *Tomentella terrestris* (Berk. & Broome) M.J. Larsen | Thelephoraceae       | PA        | Em                    |
| *Trametes gibbosa* (Pers.) Fr. | Polyporaceae         | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Trametes hirsuta* (Wulfen) Lloyd | Polyporaceae         | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Trametes ochracea* (Pers.) Gilb. & Ryvarden | Polyporaceae         | PA        | Sw                    |
| *Trametes pubescens* (Schumach.) Pilát | Polyporaceae         | CT, ME, PA| Sw                    |
| *Trametes suaveolens* (L.) Fr. | Polyporaceae         | CT, ME, PA| Sw                    |
| *Trametes trogii* Berk. | Polyporaceae         | CT, ME, PA, TP | Sw |
| *Trametes versicolor* (L.) Lloyd | Polyporaceae         | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Trechispora cohaerens* (Schwein.) Jülich & Stalpers | Hydnodontaceae       | PA        | Sw                    |
| *Trechispora farinacea* (Pers.) Liberta | Hydnodontaceae       | PA        | Sw                    |
| *Trechispora fastidiosa* (Pers.) Liberta | Hydnodontaceae       | PA        | Sw                    |
| *Trechispora microspora* (P. Karst.) Liberta | Hydnodontaceae       | TP        | Sw                    |
| *Trechispora nivea* (Pers.) K.H. Larss. | Hydnodontaceae       | PA        | Sw                    |
| *Trechispora stellulata* (Bourd & Galzin) Liberta | Hydnodontaceae       | PA, TP    | Sw                    |
| *Trechispora stevensonii* (Berk. & Broome) K.H. Larss. | Hydnodontaceae       | PA        | Sw                    |
| *Tremella mesenterica* Retz. | Tremellaceae         | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Tremellodendropsis tuberosa* (Grev.) D.A. Crawford | Tremellodendropsidaceae | CT, ME    | St                    |
| *Trichaptum abietinum* (Pers. ex J.F. Gmel.) Ryvarden | Incertae sedis      | CT, ME, PA| Sw                    |
| *Trichaptum bifforme* (Fr.) Ryvarden | Incertae sedis      | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Trichaptum fuscoviolaceum* (Ehrenb.) Ryvarden | Incertae sedis      | PA, TP    | Sw                    |
| *Tricharina gilva* (Boud. ex Cooke) Eckblad | Pyronemataceae       | PA        | St                    |
| *Tricharia praecox* (P. Karst.) Dennis | Pyronemataceae       | CT, ME    | St                    |
| *Trichoglossum hisutum* (Pers.) Boud. | Geoglossaceae        | CT, ME, PA| SI                    |
| *Trichoglossum tetrasporum* Sinden & Fitzp. | Geoglossaceae        | ME, PA    | SI                    |
| *Tricholoma acerbum* (Bull.) Quél. | Tricholomataceae     | ME, PA    | Em                    |
| *Tricholoma albatrum* Velen. | Tricholomataceae     | ME, PA    | Em                    |
| *Tricholoma allbrunnum* (Pers.) P. Kumm. | Tricholomataceae     | ME, PA    | Em                    |
| *Tricholoma album* (Schaeff.) P. Kumm. | Tricholomataceae     | ME, PA    | Em                    |
| *Tricholoma apiun* Jul. Schiß. | Tricholomataceae     | ME, PA    | Em                    |
| *Tricholoma argyroseum* (Bull.) Gillet | Tricholomataceae     | ME, PA    | Em                    |
| *Tricholoma atrospumosum* Sacc. | Tricholomataceae     | CT, ME, PA, TP | Em |
| *Tricholoma aurantium* (Schaeff.) Ricken | Tricholomataceae     | CT, ME, PA| Em                    |
| *Tricholoma basirubens* (Bon) A. Riva & Bon | Tricholomataceae     | CT, ME, PA| Em                    |
| *Tricholoma batschii* Gulden ex Mort. Chr. & Noordel. | Tricholomataceae     | PA, TP    | Em                    |
| *Tricholoma bresadolanum* Clémençon | Tricholomataceae     | ME, PA    | Em                    |
| *Tricholoma bufoonum* (Pers.) Gillet | Tricholomataceae     | CT, ME    | Em                    |
| *Tricholoma caligatum* (Viv.) Ricken | Tricholomataceae     | CT, ME, PA| Em                    |
| Taxon                        | Family                  | Provinces | Ecological Categories |
|-----------------------------|-------------------------|-----------|-----------------------|
| *Tricholoma cedretorum* (Bon) A. Riva | Tricholomataceae        | AG, PA    | Em                    |
| *Tricholoma chrysophyllum* A. Riva, C.E. Hermos. & J. Sánchez | Tricholomataceae        | CT, ME    | Em                    |
| *Tricholoma columbetta* (Fr.) P. Kumm. | Tricholomataceae        | CT, ME, PA| Em                    |
| *Tricholoma equestre* (L.) P. Kumm. | Tricholomataceae        | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| *Tricholoma evenosum* (Sacc.) Rea | Tricholomataceae        | CT, ME, PA| Em                    |
| *Tricholoma focale* (Fr.) Ricken | Tricholomataceae        | CT, ME, PA| Em                    |
| *Tricholoma fracticum* (Britzelm.) Kreisel | Tricholomataceae        | AG, PA    | Em                    |
| *Tricholoma fulvum* (DC.) Bigeard & H. Guillo | Tricholomataceae        | CT, ME    | Em                    |
| *Tricholoma gausapatum* (Fr.) Quél. | Tricholomataceae        | PA, TP    | Em                    |
| *Tricholoma imbricatum* (Fr.) P. Kumm. | Tricholomataceae        | PA, TP    | Em                    |
| *Tricholoma lascivum* (Fr.) Gillet | Tricholomataceae        | PA, TP    | Em                    |
| *Tricholoma leucoterreum* Mariotto & Turetta | Tricholomataceae        | CT, ME    | Em                    |
| *Tricholoma orirubens* Quél. | Tricholomataceae        | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| *Tricholoma pardinum* (Pers.) Quél. | Tricholomataceae        | CT, ME, PA| Em                    |
| *Tricholoma psammopus* (Kalchbr.) Quél. | Tricholomataceae        | AG, PA    | Em                    |
| *Tricholoma pseudoindicus* Bon | Tricholomataceae        | CT, ME, PA| Em                    |
| *Tricholoma quercetorum* Contu | Tricholomataceae        | CT, ME    | Em                    |
| *Tricholoma roseacrum* A. Riva | Tricholomataceae        | CT, ME, PA| Em                    |
| *Tricholoma saponaceum* (Fr.) P. Kumm. | Tricholomataceae        | AG, CT, ME, PA, TP | Em |
| *Tricholoma sciturnatum* (Fr.) Quél. | Tricholomataceae        | PA, TP    | Em                    |
| *Tricholoma sejunctum* (Sowerby) Quél. | Tricholomataceae        | ME, PA    | Em                    |
| *Tricholoma stans* (Fr.) Sacc. ex Kalamees | Tricholomataceae        | CT, ME, PA| Em                    |
| *Tricholoma stiparophyllum* (N. Lund) | Tricholomataceae        | CT, ME    | Em                    |
| *Tricholoma striatum* (Schaeff.) Quél. | Tricholomataceae        | CT, ME, PA, TP | Em |
| *Tricholoma sulphurescens* Bres. | Tricholomataceae        | CT, ME    | Em                    |
| *Tricholoma sulphureum* (Bull.) P. Kumm. | Tricholomataceae        | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| *Tricholoma terreum* (Schaeff.) P. Kumm. | Tricholomataceae        | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| *Tricholoma terreum* (Schaeff.) P. Kumm. var. album Antonín & A. Vágner | Tricholomataceae        | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| *Tricholoma ustale* (Fr.) P. Kumm. | Tricholomataceae        | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| *Tricholoma usitoides* Roman. | Tricholomataceae        | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| *Tricholoma virgatum* (Fr.) P. Kumm. | Tricholomataceae        | CT, ME, PA| Em                    |
| *Tricholomella constricta* (Fr.) Zerova ex Kalamees | Lyophyllaceae           | CT, ME, PA| Sw                    |
| *Tricholomopsis rutilans* (Schaeff.) Singer | Tricholomataceae        | Incertae sedis | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| *Tricholosporum goniospernum* (Bres.) Guzmán ex T.J. Baroni | Incertae sedis           | CT, ME    | SI                    |
| *Trichophaga woollophonea* (Cooke & W. Phillips) Boud. | Pyronemataceae          | PA, TP    | St                    |
| *Truncospora ochroleuca* (Berk.) Pilát | Polyporaceae            | PA, TP    | Sw                    |
| *Tubaria conspersa* (Pers.) Fayod | Tubariaceae             | CT, ME, PA, TP | St     |
| *Tubaria dispersa* (Pers.) Singer | Tubariaceae             | CT, PA    | St                    |
| *Tubaria furfuracea* (Pers.) Gillet | Tubariaceae             | CL, CT, ME, PA, TP | St |
| *Tuber aestivum* Vittad. | Tuberaceae              | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em     |
| *Tuber bellonae* Quél. | Tuberaceae              | CT, ME    | Em                    |
| *Tuber borchii* Vitt. | Tuberaceae              | ME, PA, SR| Em                    |
| *Tuber brumale* Vittad. | Tuberaceae              | CT, ME    | Em                    |
| *Tuber dryophilum* Tul. & C. Tul. | Tuberaceae              | ME, PA, SR, TP | Em   |
| *Tuber excavatum* Vittad. | Tuberaceae              | AG, PA, SR| Em                    |
| *Tuber gennadii* (Chatin) Pat. | Tuberaceae              | CT, ME    | Em                    |
| Taxon | Family | Provinces | Ecological Categories |
|-------|--------|-----------|-----------------------|
| Tuber magnatum Picco | Tuberaceae | EN | Em |
| Tuber mesentericum Vittad. | Tuberaceae | ME, PA, SR | Em |
| Tuber nitidum Vittad. | Tuberaceae | PA, TP, SR | Em |
| Tuber oligospermum (Tul. & C. Tul.) Trappe | Tuberaceae | CT, PA | Em |
| Tuber pantherum Tul. & C. Tul. | Tuberaceae | ME, PA, TP, SR | Em |
| Tuber puberulum Berk. & Broome | Tuberaceae | AG, ME, PA, SR, TP | Em |
| Tuber rufum Pollini | Tuberaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| Tubulicium vermiferum (Bourdot) Oberw. ex Jülich | Hydnodontaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| Tubulicrinis calothrix (Pat.) Donk | Hymenochaetaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| Tubulicrinis media | Hymenochaetaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| Tubulicrinis subulatus (Bourdot & Galzin) Oberw. | Hymenochaetaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| Tulostoma brumale Pers. | Agaricaceae | CL, CT, PA | Sm |
| Tulostoma fimбриatum Fr. | Agaricaceae | CT, ME, PA | Sm |
| Tulostoma kottalabae Pouzar | Agaricaceae | CT, ME | Sm |
| Tulostoma melanocyclum | Agaricaceae | CT, ME, PA | Sm |
| Tulostoma squamosum (J.F. Gmel.) Pers. | Agaricaceae | CT, ME, PA | Sm |
| Tylopilus felleus (Bull.) P. Karst. | Boletaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| Typhula contorta (Holmsk.) Olariaga | Typhulaceae | CT, ME, PA | Sw |
| Typhula fistulosa (Holmsk.) Olariaga | Typhulaceae | CT, ME, PA | Sw |
| Typhula juncea (Alb. & Schwein.) P. Karst. | Typhulaceae | CT, ME, PA | Sw |
| Vanderbylia fraxinea (Bull.) D.A. Reid | Polyporaceae | CT, ME, PA | Sw |
| Vararia ochroleuca (Bourdot & Galzin) Donk | Peniophoraceae | CT, ME, PA | Sw |
| Verpa conica (O.F. Müll.) Sw. | Morchellaceae | CT, ME, PA | St |
| Verpa digitaliformis Pers. | Morchellaceae | CT, ME, PA | St |
| Vitreoporus dichrous (Fr.) Zmitr. | Irpiceae | AG, PA | Sw |
| Volvariella bombicina (Schaeff.) Singer | Pluteaceae | CT, ME, PA | Sw |
| Volvariella caesiotincta P.D. Orton | Pluteaceae | CT, ME, PA | Sw |
| Volvariella cookei Contu | Pluteaceae | CT, ME, PA | Sw |
| Volvariella hypopithys (Fr.) Shaffer | Pluteaceae | CT, ME, PA | Sw |
| Volvariella media (Schumach.) Singer | Pluteaceae | CT, ME, PA, TP | Sw |
| Volvariella succreta (Knapp) Singer | Pluteaceae | CT, ME | Sw |
| Volvariella volvacea (Bull.) Singer | Pluteaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw |
| Volvopluteus gloiocephalus (DC.) Vizzini, Contu & Justo | Pluteaceae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| Vuilleminia comedens (Nees) Maire | Vuilleminiacae | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em |
| Vuilleminia coryliphora Boidin, Lanq. & Gilles | Vuilleminiacae | ME, PA | Sw |
| Vuilleminia cystidiata Parmasto | Vuilleminiacae | CT, ME, PA | Sw |
| Vuilleminia megalospora Bres. | Vuilleminiacae | CT, ME, PA | Sw |
| Vuilleminia pseudocystidiata Boidin, Lanq. & Gilles | Vuilleminiacae | CT, ME, PA | Sw |
| Xanthoporia radiata | Hymenochaetaceae | CT, ME, PA | Sw |
| Xerocomellus chrysenteron (Bull.) Šutara | Boletaceae | AG, CL, EN, CT, ME, PA, RG, SR, TP | Em |
| Xerocomellus cinereus | Boletaceae | AG, CL, EN, CT, ME, PA, RG, SR, TP | Em |
| Xerocomellus communis Xue T. Zhu & Zhu L. Yang | Boletaceae | CT, ME | Em |
| Xerocomellus dryophilus (Thiers) N. Siegel, C.F. Schwarz & J.L. Frank | Boletaceae | CT, ME, PA | Em |
| Xerocomellus porosporus (Imler ex Watling) Šutara | Boletaceae | CT, ME, PA | Em |
### Table 1. Cont.

| Taxon                                           | Family             | Provinces | Ecological Categories |
|-------------------------------------------------|--------------------|-----------|-----------------------|
| Xerocomellus truncatus (Singer, Snell & E.A. Dick) Klofac | Boletaceae         | AG, CL, EN, CT, ME, PA, RG, SR, TP | Em        |
| Xerocomus ferrugineus (Schaeff.) Alessio        | Boletaceae         | AG, CT, ME, PA | Em        |
| Xerocomus rubellus Quél.                        | Boletaceae         | CT, ME, PA | Em        |
| Xerocomus subtomentosus (L.) Quél.              | Boletaceae         | AG, CL, CT, EN, ME, PA, RG, SR, TP | Em        |
| Xeromphalina campanella (Batsch)                | Kühner & Maire     | CT, ME, PA | Sw        |
| Xerula pudens (Pers.) Singer                    | Physalaciaceae     | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw        |
| Xylaria hypoxylon (L.) Grev.                    | Xylariaceae        | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw        |
| Xylaria longipes Nitschke                       | Xylariaceae        | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw        |
| Xylaria polymorpha (Pers.) Grev.                | Xylariaceae        | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw        |
| Xylaria sicula Pass. & Beltrani                 | Xylariaceae        | AG, CL, CT, EN, ME, PA, RG, SR, TP | Sw        |
| Xylodon detriticus (Bourdot) K.H. Larss., Viner & Spirin | Schizoporaceae     | CT, ME, PA | Sw        |
| Xylodon nesporii (Bres.)                        | Schizoporaceae     | CT, ME, PA | Sw        |
| Xylodon rimosissimus (Peck) Hjortstam & Ryvarden | Schizoporaceae     | CT, ME, PA | Sw        |
| Xylodon sambuci (Pers.) Tura, Zmitr., Wasser & Spirin | Schizoporaceae     | CT, ME, PA | Sw        |
| Zhuliangomyces illinitus (Fr.) Redhead          | Amanitaceae        | CT, ME, PA | Sl        |
| Zhuliangomyces lenticularis (Lasch) Redhead     | Amanitaceae        | CT, ME, PA | Sl        |
| Zhuliangomyces ochraceoluteus (P.D. Orton) Redhead | Amanitaceae        | CT, ME, PA | Sl        |

Families with the highest number of species are Russulaceae (164 taxa) and Agaricaceae (125 taxa).

According to Index Fungorum, 131 taxa of uncertain taxonomic classification are reported in Table 1 as *Incertae sedis*. Other families, with number of infraspecific taxa greater than 50 (Figure 1), are Boletaceae (78), Cortinariaceae (72), Hygrophoraceae (63), Inocybaceae (58), Hymenogastraceae (56), Tricholomataceae (54), Amanitaceae (51), Pyronemataceae (51), and Psathyrellaceae (51).

![Figure 1. Most representative families with number of taxa greater than 50.](image-url)
The highest number of infraspecific taxa (Figure 2) is found in the province of Palermo (1610) followed by in Messina (1546) and Catania (1517). The province with the lowest number of infraspecific taxa is Caltanissetta (330).

![Graph showing number of taxa per provinces]

The taxa listed in Table 1 belong to 15 ecological categories. For ten taxa, the ecological category to be assigned is unclear and is therefore listed as Unknown (UNK).

Ectomycorrhizal fungi (637 taxa) are the most represented ecological category (Figure 3), followed by saprotrophs on wood (484 taxa), saprotrophs on litter (386 taxa), terricolous saprotrophs (279 taxa), saprotrophs on mosses (39 taxa) saprotrophs on dung (39 taxa), saprotroph on burnt ground (19 taxa), necrotroph parasites (8 taxa), saprotrophs on leavers (5 taxa), and saprotrophs on humus (2 taxa). Three saprotrophic species characterized by particular substrates such as exuviae of different insects \([\text{Cordyceps militaris} \ (L.) \ \text{Fr.}]\), cupules of \([\text{Castanea sativa} \ \text{Miller}]\ [\text{Lanzia echinophila} \ (\text{Bull.}) \ \text{Korf}],\] and cladodes of Opuntia ficus-indica \([\text{Pleurotus opuntiae} \ (\text{Durieu} & \text{Lév.}) \ \text{Sacc.}]\] complete the list.

**Figure 2.** Number of taxa per provinces.

The taxa listed in Table 1 belong to 15 ecological categories. For ten taxa, the ecological category to be assigned is unclear and is therefore listed as Unknown (UNK).

Ectomycorrhizal fungi (637 taxa) are the most represented ecological category (Figure 3), followed by saprotrophs on wood (484 taxa), saprotrophs on litter (386 taxa), terricolous saprotrophs (279 taxa), saprotrophs on mosses (39 taxa) saprotrophs on dung (39 taxa), saprotroph on burnt ground (19 taxa), necrotroph parasites (8 taxa), saprotrophs on leavers (5 taxa), and saprotrophs on humus (2 taxa). Three saprotrophic species characterized by particular substrates such as exuviae of different insects \([\text{Cordyceps militaris} \ (L.) \ \text{Fr.}]\), cupules of \([\text{Castanea sativa} \ \text{Miller}]\ [\text{Lanzia echinophila} \ (\text{Bull.}) \ \text{Korf}],\] and cladodes of Opuntia ficus-indica \([\text{Pleurotus opuntiae} \ (\text{Durieu} & \text{Lév.}) \ \text{Sacc.}]\] complete the list.
5. Discussion

Fungi are recognized worldwide as fundamental components in every type of ecosystem [21]. After a long period in which fungi have received insufficient consideration in biodiversity studies [22], in the last twenty-five years, there has been a growing interest in this group of living organisms, which are of great importance as a food source for future generations [23], potential remedies for human and animal diseases [24], and for the protection of the environment [25].

The climatic features of Sicily are favorable to the development of basidiomata and ascomata of different fungal species. The observations carried out during the present study showed a constant presence throughout the year of macrofungi in ecosystems. Most species are collected in fall, although the presence of macrofungi appears to be strongly affected in some years by prolonged periods of drought. In the woods of the hinterland, it is possible to have optimal conditions of temperature and humidity able to favor the appearance of macrofungi even in the summer. In Sicily, spring is not a season of abundance for fungal fruiting and ascomycetes predominate among species. In winter and summer, pathogenic basidiomycetes and wood saprotrophs can be predominantly observed.

Due to the presence of the three major regional parks (Madonie Park, Nebrodi Park, and Etna Park) in these territories, the largest number of infraspecific taxa is found in the provinces of Palermo, Messina and Catania. In the other provinces, reafforestations are prevalent and thus the composition of fungal coenoses is reduced in quality and quantity.

The greatest number of species is found within beech forests. The low night temperatures, the summer storms and the presence of occult precipitations determine, starting from the second decade of August, the early appearance of macrofungi that are generally found, at lower altitudes, in autumn within the forest ecosystems. A rich number of lignicolous species, mostly pathogenic and to a lesser extent saprotrophic, has also been surveyed within beech forests, growing on trees, branches of different sizes that have fallen to the ground and stumps. A similar condition of prevalence of mycorrhizal species is found in oak and holly forests and in chestnut groves. In the latter type of forest, an important role in the decomposition of the abundant litter layer is provided by *Marasmius buliardi* while it is very common to observe *Fistulina hepatica* at the base of chestnut trees. In *Quercus ilex*
forests, fungi responsible for wood decay (Armillaria mellea, Fuscoporia torulosa, Cyclocybe cylindracea, Laetiporus sulphureus, and Daldinia raimundi) are observed on stumps and trunks. Compared with other oak forests, fewer macrofungi are reported Quercus suber forests and in the maquis. This is due to the greater state of degradation of the forest coenosis due to frequent fires that cause a significant reduction in the number of mycorrhizal species and saprotrophs, the latter negatively affected by the drastic reduction in plant residues. In pastures, grasslands, and garrigues, the number of mycorrhizal species is limited to those of shrubs of the genus Cistus (Lactarius cistophilus and Leccinellum corsicum). Saprotrophs on litter and lignicolous species are widespread in riparian vegetation.

The high percentage of mycorrhizal species within the natural forests and reforestations of Sicily allows to exclude at the moment a decline in forest ecosystems. In some forested areas, frequent fires cause a reduction in mycorrhizal species and saprotrophs on litter due to the drastic reduction in plant residues. Conversely, silvicultural practices and the resulting failure to remove woody debris of different sizes promote the appearance of crusty, shelf-like, or gelatinous lignicolous macrofungi.

The presence of prized and edible truffles, especially within the holm oak and pine woods, is of relevant interest especially for the areas of the Sicilian hinterland characterized by a depressed economy [26]. These prized truffles and other mushrooms of excellent edibility and high organoleptic qualities (e.g., Pleurotus ssp.) represent a valuable example for the economic enhancement of fungal diversity in Sicily. Of great interest is the presence on the Sicilian territory of rare species classified according to IUCN criteria as Vulnerable (Alessioporus ichnusanus) [27], Least Concern (Poronia punctata) [28], and Endangered (Pleurotus nebrodensis) [29]. Mushrooms are considered healthy food components to be preserved for future generations in terms of nutritional, bioactive and therapeutic value. Among the species surveyed in Sicily, there are medicinal mushrooms, such as Grifola frondosa, Ganoderma lucidum, and Ericium erinaceus, with proven pharmacological activities including antibacterial, antifungal, antiviral, cytotoxic, immunomodulating, anti-inflammatory, antioxidant, antiallergic, antidepressive, antihyperlipidemic, antidiabetic, digestive, hepatoprotective, neuroprotective, nephroprotective, osteoprotective, and hypotensive activities.

6. Conclusions

Although the number of fungal species is still in constant flux, Sicily is among the Italian regions with the highest diversity of fungal species, many of which are of potential applicative interest and economic interest. Therefore, it is necessary to raise the level of knowledge and attention on the part of local communities towards this group of organisms. The data reported in this survey strongly increase the knowledge on distribution and ecology of macromycetes in Sicily and may help better valorize such non-timber products. The outcome of the checklist carried out in Sicily could provide the Regional Administration with useful information for the conservation and exploitation of fungi in natural habitats, with particular reference to forest ecosystems. Legislation should limit the level of danger existing for the conservation of fungal diversity and support such strategies with more rigorous limits against wild edible mushroom overharvesting. The cultivation of some prized edible mushrooms, i.e., Pleurotus and Tuber species, can provide an important income in agroecosystems, especially in rural or marginal areas.

The National Recovery and Resilience Plan (NRRP) and The Network for the Study of Mycological Diversity (NSMD), recently launched, will contribute to implement the monitoring of mycological biodiversity within national terrestrial habitats.

These actions will be carried out with the contribution of institutions such as the Higher Institute for Environmental Protection and Research (ISPRA) of the Italian Ministry of Ecological Transition and the Working Group for Mycology of the Italian Botanical Society through an Open Science initiative.
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