

SELECTED ASCOMYCOTA AND BASIDIOMYCOTA FROM CEDYNIA LANDSCAPE PARK (NW POLAND)

STEFAN FRIEDRICH

Abstract: In the course of mycosociological investigations carried out in the Cedyňa Landscape Park in 1985–2001, 707 species of macroscopic ascomycetous and basidiomycetous fungi were found. The paper characterizes the distribution of 172 selected species of fungi. This group includes species endangered in Poland and recorded on the ‘Red List’ (134 species), fungi strictly protected in Poland (10 species), fungi monitored in Poland (18 species), and fungi whose distribution has been mapped in Europe (49 species).

Key words: Fungi, distribution, Cedyňa Landscape Park, threat, protection, Poland

Stefan Friedrich, Department of Botany, Agriculture Academy, Słowackiego 17, PL-71-434 Szczecin, Poland; e-mail: sfriedrich@agro.ar.szczecin.pl

INTRODUCTION

With a view toward the eventual development of a countrywide inventory based on regional studies of species of fungi¹ strictly protected in Poland, recorded on the red list of fungi endangered in Poland, or proposed for monitoring in Poland and mapped in Europe, this work describes the distribution of such species found in the Cedyňa Landscape Park (Fig. 1). Their locations are indicated on the grid square system of the *Atlas of the geographical distribution of fungi in Poland* (Wojewoda 2000).

METHODOLOGICAL REMARKS AND GENERAL CHARACTERISTICS OF THE MYCOBIOTA

Mycological research following mycosociological methods in the Cedyňa Landscape Park (CPK) in 1985–1991 yielded an elaboration of the sociological and ecological characteristics of the mycobiota of the park’s forest communities (Friedrich 1994). In the last decade the research has been continued by irregular observations. In the course

of this work, new species not recorded before have been found, as well as new localities of species already known from the area. The data obtained have been combined with the results of studies by Bujakiewicz (1997) in the Bielinek Reserve in which 31 species not registered before were collected, and with data from earlier publications (Celiński & Filipek 1958a, b; Skirgiełło 1965, 1970, 1977, 1986; Šmarda 1957; Wojewoda 1979; Bujakiewicz 1989; Friedrich 1991), bringing the total number of fungi found in the Cedyňa Landscape Park to 740 species. In terms of ecological groups, terrestrial fungi predominate (*ca* 45%), half of which are mycorrhizal species. Fungi growing on trees constitute over 30%, while species growing on litter and on mosses make up almost 20% of the mycobiota. This rich biota of fungi has been collected mainly in forest communities, which cover *ca* 62% of the park area. The physiographic and geobotanical characteristics of the CPK, including forest communities, were presented previously (Friedrich 1994, 1998).

Several endangered species of fungi are found in the Cedyňa Landscape Park. This work presents the characteristics of 172 of these interesting species, collected in 1985–2001. The mycobiota

¹ The term fungi refers here to macroscopic ascomycetous and basidiomycetous fungi usually called macromycetes.

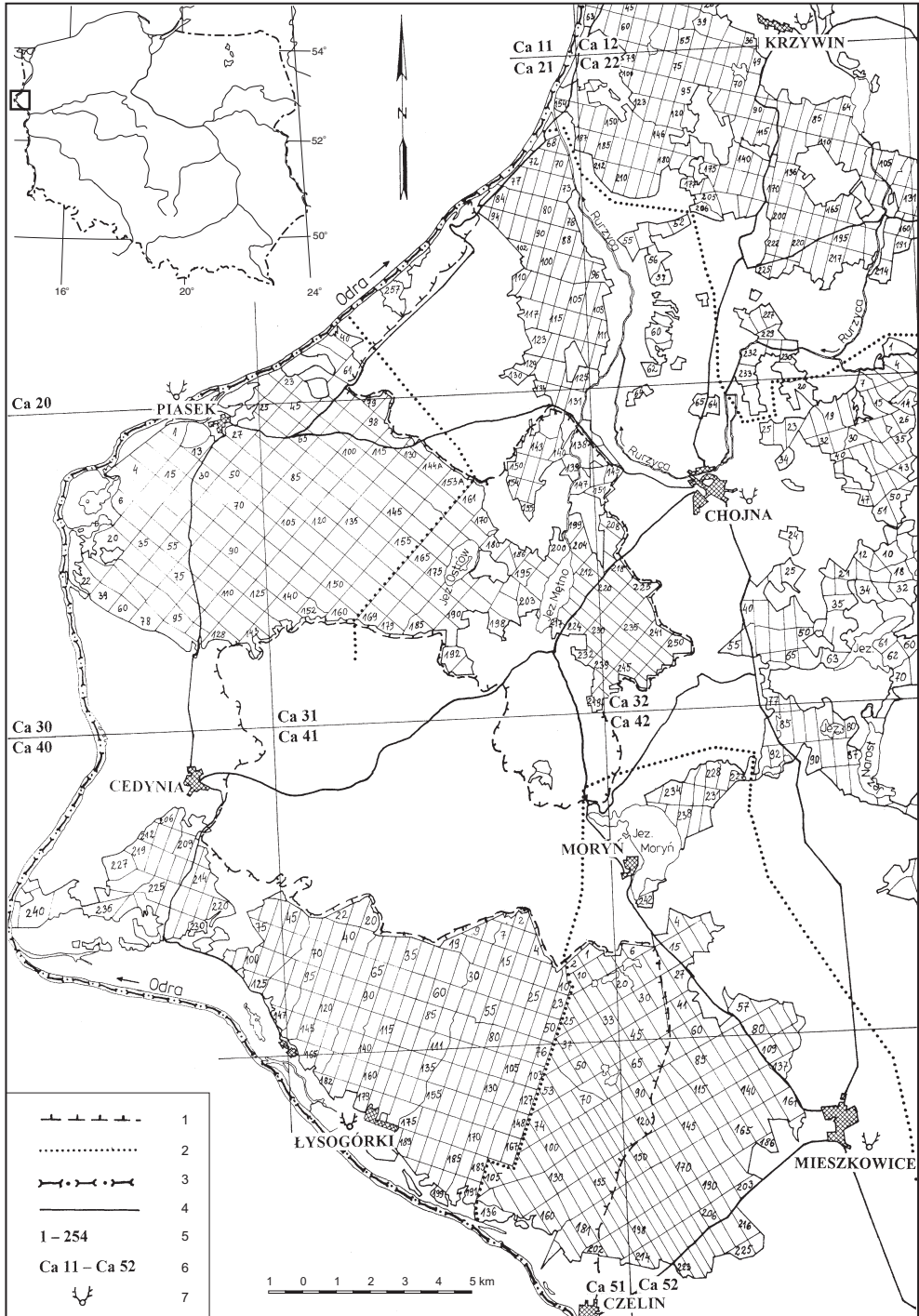


Fig. 1. Situation of localities of fungi in Cedyń Landscape Park (CPK): 1 – border of CPK, 2 – border of forest divisions, 3 – state border, 4 – roads, 5 – number of forest unit, 6 – number of ATPOL grid square, 7 – forest administration office.

of the park contain 134 species recorded on the 'red list' of endangered species in Poland (Wojewoda & Ławrynowicz 1992), 10 species strictly protected in Poland, 18 species monitored in Poland and 49 species mapped in Europe. Some of the species belong to more than one of these groups. Among the endangered species, one belongs to the category Ex (extinct and probably extinct), 5 to E (endangered), 30 to V (vulnerable), 47 to R (rare) and 51 to I (of indeterminate threat). As many as 108 species are very rare and rare (found in 1–2 or 3–6 localities), and only 5 species are very common in CPK (occurring in 24–57 localities). Among the protected fungi, very rare and rare species predominate, and only *Phallus impudicus* L.: Pers. and *Sparassis crispa* (Wulfen): Fr. are very common.

Besides the species characterized in this work, 9 other endangered species have been reported from CPK by several authors (Skirgiełło 1977; Šmarda 1957; Kreisel 1987; Bujakiewicz 1997): *Amanita caesarea* (Scop.: Fr.) Pers., *Boletus impolitus* Fr., *Gastrosporium simplex* Matt., *Geastrum rufescens* Pers., *Geastrum minimum* Schwein., *Conocybe ambigua* (Kühner) Singer, *Hohenbuehelia reniformis* (Meyer: Fr.) Singer, *Peniophora limitata* (Fr.) Cooke and *Montagnea arenaria* (DC.) Zeller.

LIST OF SPECIES

The nomenclature of orders is adopted after Hawksworth *et al.* (1995), and the nomenclature of species after Antonín and Noordeloos (1993, 1997), Breitenbach and Kränzlin (1986, 1991, 1995, 2000), Hansen and Knudsen (1992, 1997), Kreisel (1987), Krieglsteiner (1991a, b), Krieglsteiner (1999), Noordeloos (1999) and others. The species are presented alphabetically within orders.

For each of the species the threat category and type of occupied substrate is given. For every plant association the following information is given: number of registered occurrences and degree of abundance according to Moser's (1949) scale; date of observation of the species in the par-

ticular plant community; and number (in brackets) and list of sites where the species occurred in 1985–2000. In the case of species with persistent fruitbodies the number of occurrences and abundance is not given.

ABBREVIATIONS

Category of threat (Wojewoda & Ławrynowicz 1992): Ex – extinct and probably extinct, E – endangered, V – vulnerable, R – rare, I – of indeterminate threat, § – strictly protected species (by the Act of the Minister of Environment of September 11, 2001), Eur. – species mapped in Europe (Skirgiełło 1962), PL – species monitored in Poland (Ławrynowicz 2000). Plant association: *RnA* – *Ribes nigri-Alnetum*, *CrF* – *Carici remotae-Fraxinetum*, *FA* – *Fraxino-Alnetum*, *FUm* – *Ficario-Ulmetum minoris*, *GsCb* – *Galio sylvatici-Carpinetum betuli*, *LpF* – *Luzulo pilosae-Fagetum*, *FQp* – *Fago-Quercetum petraeae*, *CaQp* – *Calamagrostio arundinaceae-Quercetum petraeae*, *QrP* – *Quercu roboris-Pinetum*, *LP* – *Leucobryo-Pinetum*, *Sm* – *Sphagnetum magellanici* (Matuszkiewicz 2001). Forest divisions (division number given after name abbreviation): K – Krzywín Forestry District, P – Piasek Forestry District, Ch – Chojna Forestry District, Ł – Łysogórki Forestry District, M – Mieszkowice Forestry District, (+–5) – degree of abundance of fruiting bodies according to Moser (1949).

ASCOMYCOTA

HYPOCREALES

Cordyceps militaris (L.) Link – I; on insect pupae buried in litter; *RnA*: 1(+), Sept. 1991, unit (1): Ch 141b; *QrP*: 1(+), Jul. 1986, unit (1): P 139d.

Cordyceps ophioglossoides (Ehrh.: Fr.) Link – R; on underground ascomata of *Elaphomyces granulatus*; *LP*: 2(+–1), Oct. 1988, Jul. 2000, units (2): K 120i, M 102i.

LEOTIALES

Bulgaria inquinans Fr. – R, Eur.; on logs of *Quercus petraea*, *Q. robur*; *LpF*: 5(2), Jul., Oct. 1985, Sept. 1999, units (4): K 39a, K 40a, K 98c, P 75i; *FQp*: 1(2), Oct. 1985, unit (1): K 98f; *CaQp*: 15(2–4), Oct.–Nov. 1986, Nov. 1988–1989, Oct. 1990, Jan. 1991, Sept. 1995, Oct. 1998, Aug. 2000, units (9) : P 115j, P 131a, P 131i, P 132j, P 147f, P 153Ab, Ł164c, M 66h, M 95d; *QrP*: 4(2), Oct. 1985, Sept. 1999, Oct. 2001, units (4): P 45d, P 139d, Ch 142f, Ch 182k.

Chlorosplenium versiforme (Pers.: Fr.) De Not. – I;

on logs of *Alnus glutinosa*; *RnA*: 8(2), Oct. 1988, Nov. 1989, Sept.–Oct. 1990, Sept. 1995, Oct. 1999, units (3): Ch 183l, Ch 205d, £ 84a.

PEZIZALES

Leptopodia ephippium (Lév.) Boud. – R; on ground; *LpF*: 4(1–2), Oct. 1986–1987, Sept. 1995, Oct. 1999, units (4): K 40a, P 38a, P 111a, P 153m.

Morchella esculenta (L.: Fr.) Pers. – §, V; on ground; *LpF*: 4(+2), May 1987, May 1989, May 1998, Jun. 1999, units (4): P 34b, P 60, P 78n, P 153m.

Morchella gigas (Batsch) Pers.: Fr. [= *Mitrophora semilibera* (DC.: Fr.) Lév.] – §, I, PL.; on ground; *GsCb*: 1(1), Jun. 1999, unit (1): P 128b; *RnA*: 1(1), May 1986, unit (1): Ch 182a, *FUm*: 2(1–2), May 1986, May 1989, unit (1): Ch 140h.

BASIDIOMYCOTA

AGARICALES

Agaricus rusiophyllus Lasch: Fr. – I; on ground; *LpF*: 1(+), Sept. 1991, unit (1): P 95h.

Agaricus xanthodermus Genev. – R, Eur.; on ground; *GsCb*: 1(2), Jun. 1990, unit (1): P 128b.

Agrocybe paludosa (J. E. Lange) Kühner & Romagn. – I; on ground; *FA*: 2(1–2), Jun. 1988, May 1990, units (2): Ch 141c, Ch 182a1.

Amanita alba Gillet – I; on ground; *CaQp*: 1(+), Oct. 1986, unit (1): Ch 166c; *LP*: 1(2), Oct. 1986, unit (1): Ch 137b1.

Amanita battaræ Boud. [= *A. umbrinolutea* Secr., nom. invalid.] – R; on ground; *GsCb*: 2(+), Jun.–Jul. 1990, unit (1): P 128b.

Amanita citrina (Schaeff.) Gray – Eur.; on ground; *GsCb*: 8(+2), Sept.–Oct. 1988, Oct. 1989, Jul., Sept.–Oct. 1990, Sept. 1991, unit (1): P 128b; *LpF*: 39(+2), Oct. 1985–1987, Sept. 1988, Sept.–Oct. 1990–1991, Sept. 1995, Oct. 1998, units (18): K 26l, K 38m, K 39a, K 40a, K 41a, K 98c, P 20m, P 34b, P 38a, P 75l, P 78n, P 93b, P 95h, P 96m, P 110k, P 111a, P 153m, P 156k; *FQp*: 23(+2), Oct.–Nov. 1986, Oct. 1987, Sept.–Oct. 1988, Nov. 1989, Sept.–Oct. 1990–1991, units (6): P 18j, P 39m, P 62p, P 63j, P 112h, P 144c; *CaQp*: 58(+2), Oct. 1985, Aug., Oct. 1986, Oct.–Nov. 1987, Sept.–Oct. 1988, Oct. 1989, Jul., Sept.–Oct. 1990, Sept.–Oct. 1991, Sept. 1993, Oct. 1995, units (15): P 115j, P 131a, P 133i, P 144j, P 147f, P 153Ab, P 154o, Ch 166c, £ 117d, £ 135f, £ 142, £ 160b, £ 164c, M 66h, M 124a; *QrP*: 26(+2), Oct. 1985, Oct. 1986, Sept.–Oct. 1987, Oct. 1988, Oct.–Nov. 1989, Sept.–Oct. 1990, Oct. 1991, Sept. 1995, units (13):

P 20f, P 31k, P 45d, P 101d, P 153Cc, Ch 142f, Ch 182k, £ 54a, £ 84b, £ 134g, £ 138b, £ 176b, M 98b; *LP*: 48(+2), Oct. 1985, Oct. 1986, Oct.–Nov. 1987, Sept.–Oct. 1988, Nov. 1989, Sept.–Oct. 1990, Oct. 1991, Sept. 1993, Sept.–Oct. 1995, Aug. 1999, Oct. 2000, units (31): P 32f, P 64h, P 66b, P 105b, P 109h, P 121f, P 124c, P 137, P 195j, P 234b, Ch 142a, Ch 172a, Ch 189s, Ch 212f, £ 12c, £ 17b, £ 34b, £ 52b, £ 56a, £ 67b, £ 88a, £ 135i, £ 223g, M 34d, M 43a, M 71a, M 100c, M 102i, M 120c, M 122a, M 156a.

Amanita muscaria (L.: Fr.) Pers. – PL.; on ground; *QrP*: 2(+1), Oct. 1986, Nov. 1989, Oct. 1991, units (3): P 20f, P 31k, M 98b; *LP*: 15(+2), Oct. 1986, Oct. 1987, Sept.–Nov. 1990, Sept. 1991, Aug. 1992, Sept. 1995, Oct. 1998, units (10): P 4i, P 64h, P 85f, P 124c, P 153h, Ch 137b1, Ch 189s, Ch 195j, £ 85l, M 48b.

Amanita phalloides (Fr.) Link – Eur., PL.; on ground; *GsCb*: 6(+2), Jul.–Sept. 1988, Jul., Sept.–Oct. 1990, unit (1): P 128b, *FQp*: 2(+1), Oct. 1989, Oct. 1991, unit (1): P 112h; *CaQp*: 7(1–2), Aug. 1989, Sept. 1990, Sept. 1998, units (5): P 133, £ 117d, £ 136b, £ 164c, M 125.

Amanita porphyria Alb. & Schwein.: Fr. – Eur.; on ground; *QrP*: 5(+2), Oct. 1987, Oct. 1988, Oct. 1989, Sept. 1990, units (4): P 20f, P 31k, £ 54a1 £ 176b; *LP*: 24(+1), Oct. 1986, Jul., Oct. 1987, Sept. 1988, Oct.–Nov. 1989, Oct. 1990, Oct. 1991, Sept. 1995, Nov. 1999, units (15): P 64h, P 105b, P 121f, P 124c, P 137i, Ch 137b1, Ch 172a, Ch 189s, Ch 195j, £ 56a, £ 85l, £ 127b, £ 135i, M 48b, M 102i.

Armillaria mellea (Vahl: Fr.) P. Kumm. s. lato – Eur.; on logs, stumps and trunks of: *Quercus petraea*, *Fagus sylvatica*, *Pinus sylvestris*, *Betula pendula*; *RnA*: 16(1–5), Oct. 1986, Oct. 1988, Oct.–Nov. 1989, Oct. 1990, Oct. 1991, Sept. 1995, units (8): K 173, P 110o, P 122n, Ch 182a, Ch 205b, £ 61b, £ 84a, M 90b; *FA*: 9(2–5), Oct. 1986, Oct. 1987, Nov. 1988, Oct. 1990, Oct. 1991, units (3): P113d1, Ch 141c, Ch 182a1, *CrF*: 3(2), Oct. 1987, Oct. 1988, Sept. 1992, unit (1): P 113d; *GsCb*: 3(1–2), Oct. 1990, Sept.–Oct. 1991, unit (1): P 128b; *LpF*: 55(+5), Oct. 1985, Oct.–Nov. 1986, Oct.–Nov. 1987, Oct.–Nov. 1988, Oct.–Nov. 1989, Oct.–Nov. 1990, Oct. 1991, Sept. 1993, Oct. 1995, Sept. 1999, units (12): K 26, K 38m, K 40a, K 98c, P 34b, P 61c, P 75l, P 93b, P 95h, P 110k, P 153m, P156k; *FQp*: 22(+4), Oct. 1986, Oct.–Nov. 1987, Oct.–Nov. 1988, Oct.–Nov. 1989, Oct.–Nov. 1990, Sept.–Oct. 1991, units (5): P 18j, P 39m, P 62p, P112h, P 144c; *CaQp*: 51(+4), Oct. 1985, Oct. 1986, Oct.–Nov. 1987, Oct. 1988, Oct.–Nov. 1989, Sept.–Nov. 1990, Sept.–Oct. 1991, Sept. 1995, Oct. 2000, units (14): P 131a, P 133, P144j, P 153Ab, Ch 166c, Ch 193m, £ 117d, £ 135f, £ 142,

Ł 160b, Ł 164c, M 66h, M 124a, M 125; *QrP*: 10(1–3), Oct. 1985, Oct. 1986, Nov. 1988, Nov. 1989, Oct. 1990, Oct. 1991, Nov. 1999, units (6): P 31k, Ch 142f, Ch 182k, Ł 54a1, Ł 84b, Ł 176b; *LP*: 17(1–3), Oct. 1986, Oct.–Nov. 1987, Oct. 1988, Nov. 1989, Oct. 1990, Sept. 1994, units (8): P 32f, P 124c, P 137i, P 144b, Ch 127d, M 71a, M 120c, M 122a.

Asterophora lycoperdoides (Bull.: Fr.) Ditmar in Link [= *Nyctalis asterophora* Fr.] – R; on old fruiting bodies of *Russula nigricans*, *GsCb*: 1(2), Jul. 1990, unit (1): P 128b.

Camarophyllus pratensis (Pers.: Fr.) P. Kumm. – I; on ground; forest road: 1(2), Aug. 1991, unit (1): M 124.

Camarophyllus virgineus (Wulfen: Fr.) P. Karst. – I; on ground; forest road: 2(1–2), Oct. 1990, Sept. 1995, units (2): P 74, P 128.

Chrysomphalina chrysophylla (Fr.: Fr.) Cléménçon [= *Gerronema chrysophyllum* (Fr.: Fr.) Singer] – V; on ground; *LP*: 1(1), Sept. 1991, unit (1): P 138d.

Clitocybe candicans (Pers.: Fr.) P. Kumm. – I; on litter; *RnA*: 2(+–1), Oct.–Nov. 1991, units (2): Ch 182a, M 90b; *LpF*: 4(1–2), Oct. 1987, Oct. 1988, Oct. 1989, Sept. 1991, units (3): K 40a, P 38a, P 95h; *FQp*: 4(+–1), Nov. 1987, Sept. 1991, units (3): P 39m, P 62p, P 112h; *CaQp*: 5(+–2), Nov. 1986, Oct. 1989, Sept.–Oct. 1990, units (4): P 131a, P 144j, Ch 166c, Ł 164c; *QrP*: 6(+–2), Oct.–Nov. 1989, Sept.–Oct. 1990, Sept. 1992, units (4): P 19g, P 53i, Ł 54a1, Ł 176b.

Clitocybe lignatilis (Pers.: Fr.) P. Karst. – V; on logs; *RnA*: 1(2), Oct. 1991, unit (1): P 121; *FA*: 2(+–2), Nov. 1986, Oct. 1987, unit (1): Ch 141c.

Clitocybe hydrogramma (Bull.: Fr.) P. Kumm. [= *Clitocybe phaeophthalma* (Pers.) Kuyper – R; on litter; *RnA*: 3(1–2), Nov. 1989, Oct.–Nov. 1990, Sept. 1991, units (3): P 137n, Ch 182a, Ch 205b.

Clitopilus prunulus (Scop.: Fr.) P. Kumm. – Eur.; on litter; *LpF*: 1(1), Jul. 1988, unit (1): P 95h; *CaQp*: 2(1), Jul. 1988, units (2): Ł 135f, M 124a; *QrP*: 1(1), Jul. 1990, unit (1): Ł 54a; *LP*: 3(+–1), Nov. 1987, units (2): P 66b, Ch 137b; birch forest: 3(1–2), Oct. 1989, Sept. 1991, units (3): P 74d, Ch 167h, M 29d.

Coprinus comatus (O. F. Müll.: Fr.) Pers. – Eur.; on ground; forest roads: 2(1–2), Jul. 1987, Sept. 1991, units (2): K 39, Ch 205.

Coprinus picaceus (Bull.: Fr.) Gray – V; on ground; *LpF*: 3(1), Nov. 1987, Sept. 1991, Oct. 1995, units (3): K 38c, P 34b, P 78n.

Cystoderma carcharias (Pers.) Fayod – Eur.; on ground; *QrP*: 2(1–2), Sept. 1991, Aug. 1995, units (2): P 31b, P 64a; *LP*: 9(1–2), Oct. 1986, Oct. 1987, Oct. 1988, Oct.–Nov. 1989, Sept.–Oct. 1991, Sept. 1996,

units (7): P 32f, P 144b, Ch 137b2, Ł 194c, M 20b, M 32a, M 122a.

Cystoderma granulosum (Batsch: Fr.) Fayod – R; on ground; *QrP*: 3(1–2), Aug. 1987, Sept. 1991, Oct. 1995, units (3): P 19g, P 58g, P 121f.

Cystoderma terreii (Berk. & Broome) Harmaja [= *Cystoderma cinnabarinum* (Alb. & Schwein.) Fayod] – R; on ground; *QrP*: 1(1), Aug. 1988, unit (1): P 101d; *LP*: 1(1), Sept. 1991, unit (1): Ch 146a.

Entoloma juncinum (Kühner & Romagn.) Noordel. [= *Rhodophyllum juncinum* Kühner & Romagn.] – I; on ground and broadleaved litter; *GsCb*: 1(+), Jul. 1988, unit (1): P 128b; *LpF*: 1(+), Jul. 1988, unit (1): P 34b; *CaQp*: 3(+–1), Jul. 1987, Jul. 1989, units (2): P 131a, M 124a.

Entoloma minutum (P. Karst.) Noordel. [= *Rhodophyllum minutum* (P. Karst.) J. E. Lange] – I; on ground; *RnA*: 10(+–2), Jul. 1987, Aug.–Oct. 1988, Sept. 1989, Sept. 1991, units (6): P 122n, P 124k, Ch 141b, Ch 182a, Ch 205b, Ł 84a; *FA*: 4(1), Sept. 1986, Oct. 1987, Sept. 1991, units (2): Ch 141c, Ch 182a.

Entoloma papillatum (Bres.) Dennis – I; on ground; *CaQp*: 1(+), Nov. 1987, unit (1): Ch 166c; *LP*: 5(+–1), Oct.–Nov. 1986, Oct. 1988, units (3): P 32f, P 64h, Ł 135i.

Gymnopus putillus (Fr.: Fr.) Antonín, Halling & Noordel. [= *Collybia putilla* (Fr.: Fr.) Singer] – I; on litter; *QrP*: 2(1–2), Aug. 1998, Sept. 1991, unit (2): P 19g, Ch 182k.

Hygrocybe insipida (J. E. Lange ex S. Lundell) M. M. Moser – E; on ground; *FA*: 1(1), Aug. 1986, unit (1): P 113d; *QrF*: 1(+), Sept. 1989, unit (1): P 113d.

Laccaria amethystea (Bull.) Murrill – Eur.; on ground; *RnA*: 9(1–2), Aug. 1986, Sept. 1988, Sept. 1989, Sept.–Oct. 1990, unit (4): P 121l, Ch 149f, Ch 195a, Ł 84a; *GsCb*: 6(+–3), Sept.–Oct. 1988, Sept.–Oct. 1990, Oct. 1991, unit (1): P 128b; *LpF*: 48(+–3), Oct.–Nov. 1985, Aug., Oct.–Nov. 1986, Oct. 1987, Sept.–Oct. 1988, Jul., Sept.–Nov. 1990, Oct. 1991, units (15): K 26m, K 38m, K 40a, K 98c, P 34b, P 75l, P 20m, P 38a, P 61c, P 78n, P 93b, P 95h, P 110k, P 153m, P 156k; *FQp*: 22(+–2), Oct. 1986, Oct.–Nov. 1987, Sept.–Oct. 1988, Nov. 1989, Jul., Sept.–Nov. 1990, Oct. 1991, units (6): P 18j, P 19h, P 39m, P 62p, P 112h, P 144c; *CaQp*: 53(+–3), Oct. 1986, Oct.–Nov. 1987, Sept.–Oct. 1988, Oct. 1989, Jul., Sept.–Nov. 1990, Sept.–Oct. 1991, units (12): P 130a, P 131a, P 133i, P 144j, P 153Ab, Ch 166c, Ł 117d, Ł 135f, Ł 160b, Ł 164c, M 66h, M 124a; *QrP*: 17(1–2), Oct. 1987, Oct. 1988, Oct. 1989, Sept.–Nov. 1990, units (9): P 20f, P 24a, P 31c, P 53i, P 101d, P 153Ad, Ch 142f,

Ł 54a, Ł 176b; *LP*: 2(+–2), Oct. 1987, Sept. 1995, units (2): P 64h, Ch 137b.

Lepiota alba (Bres.) Sacc. – V; on ground; *GsCb*: 1(1), Sept. 1990, Oct. 1991, unit (1): P 128b.

Lepiota setulosa J. E. Lange – I; on ground; *RnA*: 3(+–2), May, Oct., Nov. 1989, Sept. 1991, units (2): Ch 141b, Ł 84a; *FUm*: 1(1), Sept. 1990, unit (1): Ch 140h.

Lepiota tomentella J. E. Lange – I; on ground; *LP*: 2(+–1), Nov. 1989, Oct. 1991, units (2): P53c, Ł 135i.

Lyophyllum palustre (Peck) Singer – I, Eur.; among *Sphagnum* spp.; *Sm*: 18(+–4), Jul., Oct. 1985, Aug., Oct. 1986, Jul., Oct. 1987, May–Jun., Aug.–Oct. 1989, Aug.–Oct. 1991, Jun.–Jul. 1996, units (7): P 53m, P 71g, P 146j, P 155k, P 156l, P 157j, Ch 103b.

Lyophyllum ulmarium (Bull.: Fr.) Kühner – R; on logs and trunks of *Ulmus minor*, *U. laevis*; *FUm*: 3(1–2), Nov. 1986, Nov. 1989, Nov. 1990, Nov. 1999, units (3): P 39, Ch 140h, M 63h.

Macrolepiota procera (Scop.: Fr.) Singer – I; on ground; *LpF*: 4(+–1), Oct. 1985, Oct. 1986, Nov. 1990, units (3): K 98c, P 93b, P 128; *FQp*: 1(+), Oct. 1986, unit (1): P 62k; *CaQp*: 7(+–1), Oct. 1986, Oct. 1988, Sept.–Oct. 1990, Oct. 1991, units (5): P 131a, Ch 166b, Ł 117d, Ł 164c, M 124a; *QrP*: 1(1), Aug. 1990, unit (1): P 31k; *LP*: 4(+–2), Oct. 1988, Oct. 1989, units (4): Ch 137, Ł 56a, Ł 135i, M 20b; birch forest: 7(+–1), Aug. 1990, Sept. 1991, Sept. 1993, Aug. 1994, Sept. 1995, Sept. 1999, units (6): P 74d, P 87b, Ł 136, Ł 182, M 62c, M 102.

Macrolepiota rhacodes (Vittad.) Singer – I; on ground; *LpF*: 28(+–2), Oct. 1985, Oct. 1986, Oct.–Nov. 1987, Sept. 1988, Nov. 1989, Sept.–Oct. 1990, Sept. 1991, Sept. 1995, Aug. 1998, units (15): K 26l, K 38m, K 39a, K 40a, K 41a, K 98c, P 20b, P 34b, P 38a, P 75l, P 93b, P 94a, P 128, P 153m, P 156k; *FQp*: 3(1–2), Sept.–Oct. 1990, Sept. 1991, units (2): P 63j, P 144c; *CaQp*: 11(+–1), Oct. 1987, Oct.–Nov. 1989, Jun., Sept.–Oct. 1990, units (5): Ch 133d, Ch 166c, Ł 135f, M 66h, M 124a; *QrP*: 3(+–1), Oct. 1990, units (2): Ł 84, Ł 176b; *LP*: 5(+–1), Oct. 1987, Aug. 1989, Oct. 1990, Sept. 1991, Sept. 1998, units (4): Ch 137b, M 20b, M 47b, M 125a.

Marasmius alliaceus (Jacq.: Fr.) Fr. – Eur.; on fallen twigs and branches; *LpF*: 15(+–1), Oct. 1985, Aug., Oct.–Nov. 1986, Oct.–Nov. 1987, Oct. 1989, Sept.–Nov. 1990, Sept. 1991, Oct. 1995, units (8): K 38m, K 40a, P 20m, P 34b, P 61c, P 93b, P 110k, P 153m.

Melanoleuca grammopodia (Bull.: Fr.) Pat. – I; on ground; *LpF*: 1(1), Oct. 1989, Sept. 1991, units (2): P 95h, P 153m.

Micromphale foetidum (Sowerby: Fr.) Singer – R,

Eur.; on fallen twigs; *FUm*: 5(+–2), Sept.–Oct. 1988, Sept.–Oct. 1989, Oct. 1990, unit (1): Ch 140h.

Mycena abramsii Murrill [= *Mycena praecox* Velen.] – R; on fallen branches, logs and trunks of *Quercus petraea*, *Fagus sylvatica*; *GsCb*: 3(+–2), Jun. 1988, Jun. 1990, unit (1): P 128b; *LpF*: 2(1–2), May 1989, May 1991, units (2): P 38a, P 153m; *FQp*: 1(1), Jul. 1987, unit (1): P 62p; *CaQp*: 1(2), Jul. 1988, unit (1): P 131a.

Mycena adonis (Bull.: Fr.) Gray – R; on litter; *LP*: 2(1), Oct. 1987, Sept. 1991, units (2): P 32f, P 137j.

Mycena atroalba (Bolton: Fr.) Gray – R; on logs of *Pinus sylvestris*, *LP*: 2(2), Sept. 1988, Sept. 1990, units (2): P 121f, Ch 172a.

Mycena atromarginata (Lasch.: Fr.) P. Kumm. – V; on logs and stumps of *Pinus sylvestris*; *CaQp*: 1(1), Oct. 1989, unit (1): P 131a; *FQp*: 1(+), Nov. 1987, unit (1): P 18j; *QrP*: 1(+), Oct. 1991, unit (1): Ł 54a1; *LP*: 2(+–1), Nov. 1987, Oct. 1989, units (2): Ch 137b1, Ł 135i.

Mycena capillaripes Peck – R; on litter; *LpF*: 1(2), Sept. 1990, unit (1): P 111a, *LP*: 2(2), Sept.–Oct. 1988, units (2): Ch 137b1, Ł 135i.

Mycena concolor (J. E. Lange) A. H. Sm. – I; among mosses; *RnA*: 1(+), Oct. 1989, unit (1): Ch 141b, *Sm*: 1(2), Nov. 1990, unit (1): P 53m.

Mycena crocata (Schrad.: Fr.) P. Kumm. – R, Eur.; on fallen twigs; *LpF*: 7(+–1), Oct.–Nov. 1986, Oct. 1987, Oct. 1990, Oct. 1991, Sept. 1995, units (6): K 38m, K 40a, P 20m, P 39a, P 78n, P 156k.

Mycena megaspora Kauffman – V; among *Sphagnum* spp. and mosses; *LP*: 1(1), Jul. 1991, unit (1): M 102i; *Sm*: 2(1), Aug. 1989, Jun. 1996, units (2): P 53m, P 146j.

Mycena olida Bres. – V; on trunks and twigs of *Fagus sylvatica*, *Tilia cordata*; *GsCb*: 2(+–1), Jul. 1988, Sept. 1991, unit (1): P 128b; *LpF*: 3(+–1), Jul. 1989, units (3): K 40a, P 61c, P 95h.

Mycena pelianthina (Fr.) Quél. – I, Eur.; on litter; *LpF*: 7(+–1), Oct. 1987, Sept. 1989, Jun., Sept. 1990, Sept. 1991, units (6): K 98c, P 34b, P 78n, P 95h, P 153m, P 156k; *FQp*: 1(1), Oct. 1995, unit (1): P 62k.

Mycena pilcosa (Fr.) P. Kumm. – R; on litter; *QrP*: 1(2), Nov. 1989, unit (1): P 31k; *LP*: 1(1), Nov. 1986, unit (1): M 32a.

Mycena pseudocorticola Kühner – R; on logs and trunks of *Fraxinus excelsior*; *FUm*: 4(1–2), Nov. 1986, Nov. 1989, Oct. 1990, Aug. 1991, units (2): Ch 140h, M 63h.

Mycena pterigena (Fr.: Fr.) P. Kumm. – I; on dead leaves of fern; *RnA*: 10(2), Oct. 1989, Nov. 1990, Sept. 1991, Oct. 1996, units (8): P 110o, P 139a, Ch 141b, Ch 166j, Ch 205b, Ł 61b, Ł 84a, M 66i.

Mycena pullata (Berk. & Cooke) Sacc. – V; on fallen

twigs of *Alnus glutinosa*; *RnA*: 2(+1), Oct. 1989, Oct. 1991, units (2): P 139a, £ 84a.

Mycena purpureofusca (Peck) Sacc. – V; on logs and stumps of *Pinus sylvestris*, *Picea abies*; *LpF*: 2(+1), Oct. 1989, Jan. 1991, unit (1): P 95h; *QrP*: 2(+1), Nov. 1987, Sept. 1990, units (2): P 31k, £ 54a1; *LP*: 8(+2), Oct. 1987, Oct. 1988, Oct. 1989, Sept. 1990, Sept. 1991, units (7): P 58g, P 149k, Ch 137b, £ 54b, £ 83, £ 84f, £ 135i.

Mycena renati Quél. – V; on logs and stumps of *Fagus sylvatica*; *LpF*: 2(2), Jun. 1988, Jul. 1991, units (2): P 38a, P 111a; *CaQp*: 2(2), Sept. 1986, units (2): P 153Ab, £ 135f.

Mycena vitrea (Fr.) Quél. – R; on litter; *LP*: 1(1), Nov. 1989, unit (1): £ 54b.

Myxomphalia maura (Fr.) Hora – I; on ground; *LP*: 4(1–2), Oct.–Nov. 1990, Sept. 1991, units (2): Ch 176n, £ 134.

Omphalina umbellifera (L.: Fr.) Quél. [= *Omphalina ericetorum* (Pers.: Fr.) M. Lange] – I; on litter; *CaQp*: 4(1–2), Jul., 1988, Oct. 1990, units (3): P 131a, £ 135f, M 66h; *LP*: 3(+2), Jul. 1987, Sept.–Oct. 1990, units (3): Ch 137b1, Ch 189s, M 102i; *Sm*: 2(+1), May 1986, Jun. 1989, unit (1): P 155k.

Omphalina sphagnicola (Berk.) M. M. Moser – V; among *Sphagnum* spp.; *Sm*: 4(1), Jul. 1986, Aug. 1987, Jun. 1991, Jun. 1996, units (4): P 53m, P 71m, P 155k, Ch 103b.

Oudemansiella mucida (Schrad.: Fr.) Höhn. – V, Eur., PL.; on logs of *Fagus sylvatica*; *LpF*: 11(1–3), Oct. 1985, Oct. 1986, Nov. 1987, Oct. 1989, Sept. 1990, Oct. 1991, Sept. 1995, units (9): K 38m, K 40a, P 20m, P 38a, P 61c, P 95h, P 110k, P 153m, P 156k; *FQp*: 2(2), Sept. 1991, Oct. 2000, units (2): P 19h, P 62k.

Pholiota mutabilis (Schaeff.: Fr.) P. Kumm. [= *Kuehneromyces mutabilis* (Schaeff.: Fr.) Singer & A. H. Sm.] – Eur.; on logs and stumps of: *Fagus sylvatica*, *Alnus glutinosa*, *Tilia cordata*; *RnA*: 13(2–4), Oct. 1986, Oct.–Nov. 1987, Sept.–Oct. 1988, Oct. 1989, Sept.–Nov. 1990, Oct. 1991, units (8): K 38b, P 110o, P 122n, Ch 149f, Ch 182a, Ch 205b, £ 61b, £ 84a; *FA*: 1(3), Oct. 1986, unit (1): Ch 141c; *GsCb*: 5(2–4), Sept.–Oct. 1988, Oct. 1990, Jun., Oct. 1991, unit (1): P 128b; *LpF*: 24(1–3), Jul., Oct. 1985, Jul., Oct. 1987, Dec. 1988, Oct. 1991, Sept. 1995, units (10): K 38m, K 40a, K 98c, P 34b, P 38a, P 61c, P 75l, P 93b, P 111a, P 153m; *FQp*: 3(1–2), Jul., Oct. 1987, Sept. 1990, units (2): P 112h, P 144c.

Pholiota myosotis (Fr.: Fr.) Singer [= *Hypholoma myosotis* (Fr.: Fr.) M. M. Moser] – V; on logs; *RnA*: 3(1), Sept. 1989, Sept. 1990, units (3): Ch 205b, £ 61b, £ 84a.

Psilocybe elongata (Pers.: Fr.) J. E. Lange [= *Hypholoma elongatum* (Pers. emend. Fr.) Ricken, = *Hypholoma elongatipes* (Peck) A. H. Sm.] – V; on litter among *Sphagnum* spp.; *Sm*: 8(1–3), Oct. 1985, Oct. 1987, Oct. 1989, Oct. 1991, Sept. 1996, units (4): P 53k, P 71m, P 155k, Ch 103b.

Psilocybe polytrichi (Fr.: Fr.) A. Pearson & Dennis [= *Hypholoma polytrichi* (Fr.: Fr.) Singer] – R; on litter among mosses; *Sm*: 2(1), Aug. 1989, Aug. 1996, units (2): P 53m, P 155k.

Psilocybe radicata (J. E. Lange) Noordel. [= *Hypholoma radicosum* J. E. Lange] – R; on logs; *LP*: 3(+1), Sept.–Oct. 1988, Nov. 1990, units (3): Ch 137b, Ch 189s, M 20b.

Psilocybe uda (Pers.: Fr.) Gillet [= *Hypholoma udum* (Pers.: Fr.) Kühner] – R; among *Sphagnum* spp.; *Sm*: 4(1), Aug. 1986, Aug. 1989, Sept. 1991, Aug. 1996, units (2): P 53m, P 155k.

Pluteus petasatus (Fr.) Gillet – I; on fallen branches of *Quercus petraea*; *FQp*: 1(+), Aug. 1988, unit (1): P 144c; on log *Aesculus hippocastanum*, 1(1), Jul. 1989, unit (1): road side near Bielinek.

Pluteus pseudorobertii M. M. Moser & Stangl – I; on fallen branches of *Betula pendula*; *LP*: 2(+), Jul. 1989, Jun. 1991, units (2): P 64h, M 102i.

Tricholoma columbetta (Fr.) P. Kumm. – I; on ground; *CaQp*: 2(1–2), Sept. 1990, Sept. 1995, units (2): Ch 166c, £ 136b.

Tricholoma equestre (L.) P. Kumm. – I; on ground; *LP*: 19(+2), Oct. 1985, Oct. 1986, Oct.–Nov. 1987, Sept.–Oct. 1988, Nov. 1989, Oct.–Nov. 1990, Nov. 1991, Oct. 1999, Nov. 2000, units (13): P 47l, P 64h, P 120a, P 121f, P 137i, Ch 137b1, Ch 172a, Ch 189s, Ch 212f, £ 85l, £ 135i, M 34d, M 48b.

Tricholoma pessundatum (Fr.) Quél. – I; on ground; *QrP*: 1(1), Sept. 1990, unit (1): P 33b.

Tricholoma sejunctum (Sowerby: Fr.) Quél. – I; on ground; *FQp*: 2(1–2), Sept. 1989, Oct. 1990, units (2): P 19h, P 62k.

Tricholoma sulphureum (Bull.: Fr.) P. Kumm. – Eur.; on ground; *GsCb*: 5(+2), Sept. 1988, Sept.–Oct. 1990, Oct. 1991, unit (1): P 128b; *LpF*: 10(+2), Oct.–Nov. 1987, Sept. 1988, Sept. 1990, Oct. 1991, units (6): K 98c, P 34b, P 95h, P 110k, P 153m, P 156k; *FQp*: 12(+2), Oct. 1986, Oct. 1987, Sept. 1988, Nov. 1989, Sept., Nov. 1990, Sept.–Oct. 1991, units (5): P 18j, P 39m, P 62p, P 112h, P 144c; *CaQp*: 24(+2), Nov. 1986, Oct. 1987, Sept. 1988, Nov. 1989, Sept.–Oct. 1990, units (8): P 144j, Ch 166c, £ 117d, £ 135f, £ 160b, £ 164c, M 66h, M 124a; *QrP*: 2(+1), Nov. 1989, Oct. 1990, unit (1): £ 54a.

Volvariella bombycina (Schaeff.: Fr.) Singer – I, Eur.;

on trunk of *Aesculus hippocastanum*; 1(+), Jul. 1997, unit (1): road side near Bielinek.

AURICULARIALES

Auricularia auricula-judae (Bull.: Fr.) Wettst. [= *Hirneola auricula-judae* (Bull.: Fr.) Berk.] – Eur., PL.; on branches of *Sambucus nigra*, on logs of: *Fagus sylvatica*, *Ulmus minor*, *Fraxinus excelsior*; *RnA*: 3(2), Jun. 1990, Jul. 1991, Sept. 1995, units (3): K 68b, P 139a, Ch 182a; *FA*: 2(2): Aug., Oct. 1986, Oct. 1999, units (2): P 113d1 P 123k; *FUm*: 2(2), Oct. 1988, Jul. 1990, unit (1): Ch 140h; *LpF*: 2(2–3), Oct. 1986, Sept. 2000, units (2): K 26m, P 135m.

BOLETALES

Boletus appendiculatus Schaeff.: Fr. – V; on ground; *LpF*: 1(+), Oct. 1990, unit (1): P 93b.

Boletus edulis Bull.: Fr. – V; on ground; *GsCb*: 2(1), Jul. 1988, Sept. 1990, unit (1): P 128b; *LpF*: 2(+1), Oct. 1986, Oct. 1990, units (2): P 93b, P 156k; *FQp*: 2(+1), Sept. 1991, Oct. 1994, units (2): P 19h, P 112h; *CaQp*: 19(+2), Aug., Oct. 1986, Jul., Oct. 1987, Jul. 1988, Jun.–Jul., Sept.–Oct. 1990, Aug.–Oct. 1991, Sept. 1996, units (11): P 131a, P 133i, P 147f, P 153Ab, Ch 166c, Ł 117d, Ł 135f, Ł 136b, Ł 164c, M 66h, M 124a, *QrP*: 5(+1), Jul., Sept. 1990, Aug.–Oct. 1991, units (5): P 31k, P 153j, Ch 142f, Ch 182k, Ł 176b; *LP*: 3(+), Oct. 1986, Oct. 1987, units (3): P 64h, P 75m, P 144b.

Boletus reticulatus Schaeff. [= *B. aestivalis* 'Paulet' ex Fr.] – V; on ground; *GsCb*: 2(+1), Sept. 1988, Sept. 1991, unit (1): P 128b; *FQp*: 2(+), Oct. 1989, Sept. 1990, unit (1): P 144c; *CaQp*: 10(+1), Jul., Oct. 1987, Oct. 1988, Sept. 1990, Sept. 1994, units (6): P 131a, P 133a, Ch 183m, Ł 117d, Ł 135f, M 66h.

Gomphidium roseus (Fr.) Fr. – R, Eur.; on ground; *LP*: 3(+1), Aug. 1995, Sept. 1999, units (3): P 47l, P 120i, Ch 195j.

Porphyrellus porphyrosporus (Fr.) J.-E. Gilbert – R, Eur.; on ground; *GsCb*: 1(1), Sept. 1990, unit (1): P 128b; *CaQp*: 1(1), Jul. 1990, unit (1): Ł 135f.

Suillus bovinus (L.: Fr.) Kuntze – Eur.; on ground; *QrP*: 3(1), Oct. 1988, Sept. 1989, units (2): P 31k, P 99b; *LP*: 5(1), Oct. 1987, Aug. 1995, Sept. 1999, units (5): P 47l, P 64h, P 120i, Ch 195j, Ł 77d.

Tylopilus felleus (Bull.: Fr.) P. Karst. – Eur.; on ground; *CaQp*: 1(1), Aug. 1987, unit (1): Ł 117d; *QrP*: 10(+1), Aug. 1986, Jul. 1988, Sept.–Oct. 1989, Jul., Sept. 1990, Sept. 1991, units (6): P 20f, P 31k, P 33b, Ch 142f, Ł 54a, Ł 176b; *LP*: 25(+1), Jul., Oct. 1987, Oct. 1988, Sept.–Oct. 1990, Sept. 1991, Sept. 1995, units (15): K 120i, P 64h, P 105b, P 109h, P 121f, Ch

127b, Ch 172a, Ch 189s, Ł 54b, Ł 56a, Ł 135i, M 32a, M 100c, M 102i, M 120c.

Xerocomus badius (Fr.) Kühner ex J.-E. Gilbert – PL.; on ground; *LpF*: 1(2), Oct. 1991, unit (1): P 93b; *FQp*: 2(+), Oct. 1986, Oct. 1990, units (2): P 18j, P 62p; *CaQp*: 12(+2), Oct. 1986, Jul. 1987, Jul., Oct. 1988, Nov. 1989, Jun.–Jul., Oct. 1990, Sept. 1995, units (7): P 131a, P 133a, P 144j, P 153Ab, Ch 166c, Ł 135f, Ł 164c; *QrP*: 42(+2), Oct.–Nov. 1986, Oct.–Nov. 1987, Jul., Sept.–Oct. 1988, Oct.–Nov. 1989, Jun.–Jul., Sept.–Nov. 1990, Sept.–Oct. 1991, Sept. 1992, units (6): P 20f, P 31k, Ch 142f, Ch 182k, Ł 54a, Ł 176b; *LP*: 160(+3), Oct.–Nov. 1985, Aug., Oct.–Nov. 1986, Oct.–Nov. 1987, Jul., Sept.–Oct. 1988, Oct.–Nov. 1989, Jul., Sept.–Nov. 1990, Sept.–Nov. 1991, Aug.–Sept. 1992, Sept. 1995, Oct. 1998, Sept. 1999, Sept.–Oct. 2000, units (34): K 70g, K 120i, P 32f, P 47l, P 58g, P 64h, P 85f, P 105b, P 109h, P 121f, P 124c, P 137i, P 144b, Ch 137b, Ch 141r, Ch 172a, Ch 189s, Ch 195j, Ch 230a, Ł 11a, Ł 54b, Ł 56a, Ł 62a, Ł 93b, Ł 127b, Ł 135i, M 20b, M 32a, M 47b, M 100c, M 102i, M 120c, M 122a, M 156a.

Xerocomus parasiticus (Bull.: Fr.) Quéf. – §, R, Eur., PL.; on fruiting bodies of *Scleroderma citrinum*; *QrP*: 2(+1), Oct. 1987, Sept. 1994, units (2): Ch 182k, Ł 176b.

CANTHARELLALES

Cantharellus cibarius Fr. – I, PL.; on ground; *GsCb*: 5(+2), Jun.–Jul., Sept. 1988, Jul. 1989, Aug. 1991, unit (1): P 128b; *LpF*: 2(+1), Nov. 1990, Oct. 1991, unit (1): P 93b; *CQp*: 11(+2), Oct. 1986, Jul., Oct. 1987, Jul., Sept. 1988, Jul., Sept.–Oct. 1990, Aug. 1991, units (6): P 131a, P 153Ab, Ch 166c, Ł 160b, Ł 164c, M 124a; *QrP*: 5(+2), Sept. 1990, Aug., Oct. 1991, Sept. 1995, units (3): P 31k, P 139d, Ch 142f, *LP*: 42(+2), Oct. 1985, Oct.–Nov. 1986, Jul., Oct.–Nov. 1987, Jul., Sept. 1988, Oct. 1989, Jun.–Jul., Sept. 1990, Jun., Aug., Oct. 1991, Jul.–Oct. 1992, Sept. 1994, Sept.–Oct. 1995, Jul. 1997, Oct. 1999, units (29): K 70g, K 120i, K 138d, P 52d, P 64h, P 75m, P 105b, P 109h, P 120a, P 124c, P 125f, P 137j, Ch 137b, Ch 172a, Ch 189s, Ch 195j, Ł 12c, Ł 54b, Ł 77d, Ł 84d, Ł 179d, M 17g, M 33b, M 47b, M 48b, M 104b, M 119a, M 120 c, M 122a.

Clavariadelphus ligula (Schaeff.: Fr.) Donk – V; on ground; *LP*: 1(1), Sept. 1991, unit (1): P 47l.

Clavulina rugosa (Bull.: Fr.) J. Schroet. – R; on ground; *LP*: 6(1–2), Nov. 1977, Sept.–Oct. 1990, Nov. 1992, Sept. 1995, Oct. 1997, units (6): K 120i, P 97a, P 120a, P 137i, Ł 11a, Ł 85l.

Sparassis crispa (Wulfen): Fr. – §, R, PL.; on roots of *Pinus sylvestris*; *QrP*: 5(+1), Sept. 1990, Oct. 1991,

Aug. 1998, units (4): P 31k, P 153Cc, Ł 138b, M 98b; *LP*: 23(+1), Oct. 1977, Oct. 1985, Aug., Oct. 1986, Oct. 1987, Sept.–Nov. 1988, Oct. 1989, Oct. 1990, Oct. 1991, Sept. 1992, Sept. 1995, Oct. 2001, units (20): P 53c, P 64h, P 65d, P 68f, P 73a, P 97, P 121f, P 131i, P 137i, P 153Ad, Ch 137b, Ch 230a, Ł 54b, Ł 84f, Ł 86c, Ł 87b, Ł 135i, M 47b, M 100c, M 120c.

CORTINARIALES

Cortinarius armeniacus (Schaeff.: Fr.) Fr. – I; on ground; *LP*: 2(1), Aug. 1988, Sept. 1991, units (2): P 47l, Ch 127d.

Cortinarius orellanus (Fr.) Fr. – I; on ground; *FQp*: 2(1–2), Aug. 1989, Sept. 1991, units (2): P 62k, P 112h; *CaQp*: 2(+), Sept. 1990, Sept. 1995, units (3): P 132j, Ł 117d, Ł 135f; *QrP*: 1(1), Sept. 1990, unit (1): Ch 142f.

Cortinarius saniosus (Fr.) Fr. – I; on ground; *RnA*: 2(+1), Oct. 1987, Sept. 1988, units (2): Ch 141b, Ł 84a; *FA*: 1(1), Sept. 1988, unit (1): Ch 141c; *LP*: 1(1), Oct. 1988, unit (1): M 47b.

Cortinarius saturatus J. E. Lange – I; on ground; *CQp*: 1(+), Sept. 1990, unit (1): Ł 164c; *QrP*: 1(1), Oct. 1995, unit (1): P 53i.

Flammulaster carpophilus (Fr.) Earle – I; on litter; *LpF*: 11(+2), Jul., Oct. 1986, Jun. 1987, Jun. 1988, Jul., Oct. 1989, Jul. 1990, Jun. 1991, units (7): P 20m, P 34b, P 39a, P 95h, P 110k, P 152m, P 156k.

Galerina mycenoides (Fr.) Kühner – I; among *Sphagnum* spp. and mosses; *Sm*: 6(+1), Oct. 1985, Sept. 1989, Aug.–Sept. 1991, Aug.–Sept. 1996, units (3): P 53k, P 155k, P 157j; *LP*: 1(1), Sept. 1990, unit (1): Ł 85l.

Galerina paludosa (Fr.) Kühner – I, Eur.; among *Sphagnum* spp.; *Sm*: 11(+2), Oct. 1985, Jun., Aug., Nov.–Dec. 1986, Jul., Oct. 1987, May, Sept. 1989, Jun., Aug. 1991, Aug.–Sept. 1996, units (5): P 53m, P 71b, P 146j, P 155k, Ch 103b.

Galerina sideroides (Fr.) Kühner – I; on ground, logs and stumps of *Pinus sylvestris*, *LP*: 10(+2), Oct. 1986, Oct. 1987, Sept.–Oct. 1988, May 1992, units (8); P 63n, P 120a, P 124c, Ch 137b1, Ch 146h, Ch 172a, Ł 135i, M 47b.

Galerina sphagnorum (Pers.: Fr.) Kühner – I; among *Sphagnum* spp.; *Sm*: 12(+1), Oct.–Nov. 1985, Oct. 1987, May, Jul., Aug. 1989, Aug. 1991, Jul. 1995, Aug. 1996, units (5): P 53k, P 71m, P 155k, Ch 85, Ch 103b.

Galerina triscopa (Fr.) Kühner – I; on logs among mosses; *RnA*: 3(1–2), Oct.–Nov. 1989, Oct. 1991, unit (1): Ł 84a.

Hebeloma pusillum J. E. Lange – V; on ground; *RnA*: 1(1), Sept. 1991, unit (1): P 122n; *FA*: 1(2), Sept. 1991, unit (1): Ch 182a1.

Inocybe calospora Quél. – R; on ground; *RnA*: 2(+2), Jun. 1988, Oct. 1991, units (2): Ch 141b, Ł 84a; *FUM*: 1(+), Sept. 1989, unit (1): Ch 140h; *LP*: 2(1), Nov. 1987, units (2): Ch 137b1, Ch 172a.

Inocybe erubescens A. Blytt [= *Inocybe patouillardii* Bres.] – Eur.; on ground; *LpF*: 1(+), Jun. 1988, unit (1): P 95h; *FQp*: 2(1–2), Jun. 1988, Jul. 1990, unit (1): P 144c; *CaQp*: 2(+1), Jun. 1988, Jul. 1990, unit (1): Ł 135f.

Inocybe squamata J. E. Lange – R; on ground; *FUM*: 2(+2), Sept. 1989, Sept. 1990, unit (1): Ch 140h.

Rozites caperatus (Pers.: Fr.) P. Karst. – Eur.; on ground; *LpF*: 1(2), Oct. 1990, unit (1): P 93b; *CaQp*: 1(1), Oct. 1990, unit (1): Ł 164c; *QrP*: 1(+), Oct. 1988, unit (1): P 31k; *LP*: 4(+1), Sept. 1988, Sept. 1990, Oct. 1991, units (4): P 66f, P 124c, Ch 172a, Ł 128a.

DACRYOMYCETALES

Calocera furcata (Fr.) Fr. – I; on logs of *Pinus sylvestris*; *QrP*: 3(3–4), Dec. 1988, Sept. 1990, Aug. 1995, units (3): P 31k, P 63n, Ch 142f; *LP*: 34(1–4), Nov. 1986, Nov.–Dec. 1988, Oct.–Nov. 1989, Sept.–Nov. 1990, Oct. 1991, Sept.–Oct. 1995, Oct. 1998, Nov. 1999, Sept.–Oct. 2000, units (25): P 18j, P 47l, P 64h, P 124c, P 137i, P 144c, P 183b, Ch 137b1, Ch 164n, Ch 182j, Ch 183b, Ch 189s, Ch 195j, Ch 230a, Ł 56a, Ł 87b, Ł 89a, Ł 127b, M 17b, M 32a, M 47b, M 100c, M 104l, M 120c, M 122a.

Dacryomyces capitatus Schwein. – E; on logs of *Fagus sylvatica*; *LpF*: 2(2), Jun. 1990, Aug. 1992, units (2): P 39a, Ch 164a.

Dacryomyces chrysospermus Berk. & M. A. Curtis – V; on logs of *Fagus sylvatica*; *LpF*: 2(1–2), Oct. 1987, Sept. 1998, units (2): P 38a, P 111a.

FISTULINALES

Fistulina hepatica (Schaeff.): Fr. – V, Eur., PL.; on logs, stumps and living trunks of *Quercus petraea*; *CaQp*: 4(+1), Aug. 1986, Oct. 1990, Sept. 1991, Jul. 2000, units (4): P 147h, P 153a, Ł 135f, M 124a; *QrP*: 2(+), Sept. 1995, Jul. 2000, units (2): P 153Cc, Ch 182k.

GANODERMATALES

Ganoderma applanatum (Pers.) Pat. – Eur.; on logs, stumps and trunks of: *Alnus glutinosa*, *Fraxinus excelsior*, *Ulmus minor*, *Quercus petraea*; *RnA*: 1985–1991, 1995, units (15): K 173, P 110o, P 121l, P 137n, P 139a, Ch 141b, Ch 166j, Ch 182a, Ch 183l, Ch 195h, Ch 205b, Ł 61b, Ł 84a, Ł 156a, 90b; *FA*: 1986–1987, 1990–1991, 1998, units (3): K 147a, P 113d1, Ch 182a1; *FUM*:

1986, 1988, 1990, unit (1): Ch 140h; *LpF*: 1985–1991, 1993–1995, 1998–2000, units (9): K 38m, K 40a, K 98c, P 38a, P 61c, P 78n, P 95h, P 96m, P 153m; *FQp*: 1991, 1996, units (2): P 19h, P 39m; *CaQp*: 1987–1991, 1999, units (4): P 153a, Ł 135f, Ł 164c, M 124a.

Ganoderma lucidum (M. A. Curtis: Fr.) P. Karst. – R; on stumps of *Quercus petraea* and log *Alnus glutinosa*; *RnA*: 3(+1), 1986, 1990, 1991, units (2): P 124k, Ch 182a; *FA*: 1(1), Aug. 1988, unit (1): Ch 141c; *CaQp*: 1(1), 1999, unit (1): P 133i.

GOMPHALES

Ramaria botrytis (Pers.: Fr.) Ricken – R; on ground; *GsCb*: 3(1), Jul. 1988, Jul., Oct. 1990, unit (1): P 128b; *FQp*: 1(1), Oct. 1986, unit (1): P 39m.

Ramaria formosa (Pers.: Fr.) Quél. – R; on ground; *GsCb*: 2(+1), Sept. 1988, Oct. 1991, unit (1): P 128b; *LpF*: 2(+3), Oct.–Nov. 1986, unit (1): P 153m.

HERICIALES

Auriscalpium vulgare Gray – Eur.; on cones of *Pinus sylvestris* buried in litter; *QrP*: 12(+1), Jul., Sept. 1988, Sept. 1990, Jan. 1991, Aug. 2000, units (7): P 20f, P 31k, Ch 142f, Ch 182k, Ł 54a1, Ł 176b, M 98b.; *LP*: 47(+1), Aug.–Nov. 1986, Jul., Oct. 1987, Jul., Sept. 1988, Oct. 1989, Sept. 1990, Jun. 1991, Jul. 1992, Sept. 1995, Aug. 1999, units (25): K 70g, K 120i, P 4i, P 24a, P 32f, P 53c, P 64h, P 109h, P 120a, P 124c, P 137, Ch 141r, Ch 182j, Ch 189s, Ch 234b, Ł 54b, Ł 56a, Ł 93b, Ł 135i, Ł 164a, M 20b, M 32a, M 47b, M 102i, M 122a.

Hericium coralloides (Scop.: Fr.) Gray [= *Hericium ramosum* (Bull.) Letell., = *Hericium clathroides* (Pall.: Fr.) Pers.] – §, V; on logs of *Fagus sylvatica*; *LpF*: 5(+1), Oct. 1985, Oct. 1986, Sept. 1995, Oct. 1999, units (6): K 26m, K 40d, P 43b, P 96m, P 144l, P 156k.

HYMENOAETALES

Inonotus dryadeus (Pers.: Fr.) Murrill – V; on logs and trunks of *Quercus petraea*; *CaQp*: 1988, 1991, 1996, 1998, units (7): P 131i, 133d, P 144j, P 153Bf, Ch 166c, Ł 160b, M 124a.

Inonotus obliquus (Pers.: Fr.) Pilát – R, PL.; on trunk of *Betula pendula*; *LP*: 1995, unit (1): M 104b.

LYCOPERDALES

Geastrum fimbriatum Fr. – R; on ground; *QrP*: 3(1–2), Aug. 1999, Sept. 2000, Oct. 2001, units (3): P 19g, P 158f, Ch 142f.

Langemannia gigantea (Batsch: Pers.) Rostk. [= *Cal-*

vatia gigantea (Batsch: Pers.) Lloyd] – §, Eur., PL.; on ground; *FUm*: 3(1), Aug. 1986, Jul., Sept. 1990, units (2): Ch 140h, Ł 63h.

Lycoperdon echinatum Pers.: Pers. – I; on ground; *FQp*: 1(1), Sept. 1996, unit (1): P 63j.

Trichaster melanocephalus Czern. [= *Geastrum melanocephalum* (Czern.) V. J. Staněk] – E; on ground; *CaQp*: 1(+), Sept. 1999, unit (1): P 60.

NIDULARIALES

Cyathus olla (Batsch): Pers. – Eur; in field: 1(2), Sept. 1995, unit (1): near Bielinek.

Nidularia deformis (Willd.: Pers.) Fr. & Nordholm [= *Nidularia farcta* (Roth: Pers.) Fr.] – R; on fallen branches; *QrP*: 1(2), Sept. 1995, unit (1): P 153Ad.

PHALLALES

Mutinus caninus (Huds.: Pers.) Fr. – §, R; on ground; *LpF*: 2(+), Oct. 1987, Sept. 1999, units (2): P 61c, P 156k.

Phallus impudicus L.: Pers. – §, Eur., PL.; on ground; *RnA*: 21(+2), Jun.–Aug., Oct. 1986, May 1989, May–Jul., Sept.–Nov. 1990, Sept. 1991, Oct. 1999, units (10): K 173, P 110o, P 122n, P 137n, Ch 182a, Ch 199, Ch 204, Ch 206a, Ł 83a, Ł 84a; *FA*: 4(+1), Jun., Oct. 1986, Jul., Sept. 1991, units (2): P 113d, Ch 182a; *LpF*: 54(+2), Jul., Oct. 1985, Jul.–Aug., Oct.–Nov. 1986, Jul., Oct.–Nov. 1987, Jun.–Sept. 1988, Jul. 1989, May–Jul., Nov. 1990, Sept. 1991, Sept. 1995, Oct. 2000, units (24): K 26l, K 27n, K 38m, K 39a, K 40a, K 41a, K 55b, K 98c, K 171d, P 20m, P 39a, P 61c, P 75l, P 78n, P 93b, P 94a, P 95h, P 96m, P 111a, P 123k, P 131i, P 153Bf, P 153m, P 156k; *FQp*: 14(+1), Nov. 1986, Oct.–Nov. 1987, Jul.–Aug. 1988, Nov. 1990, units (7): K 98f, P 19h, P 62p, P 112h, P 144c, Ch 149f, Ch 164a; *CaQp*: 6(+2), Jul. 1987, Sept. 1988, Jun., Oct. 1990, units (2): Ł 135f, M 124a.

PORIALES

Daedalea quercina (L.: Fr.) Pers. – PL.; on stumps, logs, and living trunks of *Quercus petraea*, *Q. robur*; *FQp*: 1987–1991, units (5): P 19h, P 39m, P 62p, P 112h, P 144c; *CaQp*: 1985–1991, 1995, 1998–2000, units (10): P 131a, P 133d, P 144j, P 154o, Ch 166c, Ł 117d, Ł 136b, Ł 142, M 66h, M 124a; *QrP*: 1985–1986, 1992, 1995, 1998, 2000, units (6): P 46i, P 139d, P 153Ad, Ch 142f, Ł 134g, M 98b.

Fomes fomentarius (L.: Fr.) J. J. Kickx – Eur.; on logs and trunks of: *Fagus sylvatica*, *Alnus glutinosa*, *Betula pendula*, *Corylus avellana*, *RnA*: 1986–1992, 1998, units (11): K 173, P 121l, P 122n, P 124k, Ch 141b, Ch 166j, Ch 205b, Ł 61b, Ł 84a, Ł 156a,

M 90b; *FA*: 1986–1988, 1990–1991, units (2): Ch 141c, Ch 182a; *LpF*: 1985–1995, 1998–2000, units (21): K 26m, K 38m, K 39a, K 40a, K 41a, K 98c, P 20m, P 34b, P 38a, P 39, P 60, P 61c, P 75l, P 78, P 93b, P 96, P 110k, P 111a, P 128, P 153m, P 156k; *FQp*: 1987–1988, 1991, 1995, 1998, units (6): K 98f, P 19h, P 39m, P 63j, P 112h, P 144c; *CaQp*: 1986–1991, 1995–1997, units (5): P 131a, P 147h, Ł 117d, M 66h, M 124a; *QrP*: 1985–1986, 1990–1991, 1996, units (11): P 19g, P 31b, P 33b, P 46i, P 65, P 96b, P 101d, P 153A, P 154o, Ch 142f, Ch 182k; *LP*: 1985–1991, 1995–1998, 2000, units (20): K 71f, P 64h, P 66b, P 75m, P 87b, P 144b, Ch 137b, Ch 140g, Ch 167h, Ch 189s, Ł 12c, Ł 56a, Ł 135i, M 9c, M 20b, M 29d, M 43, M 62c, M 99f, M 122a; birch forest: 1989–1991, 1994, 1995, 1998, units (10): P 87b, Ch 140g, Ch 167h, Ch 182i, Ł 87b, M 9b, M 29d, M 62, M 99f, M 102k.

Grifola frondosa (Dicks.: Fr.) Gray – §, V; at base of stumps and living trunks of *Fagus sylvatica*, *Quercus petraea*; *LpF*: 4(+–1), Oct. 1985, Aug. 1986, Oct. 1987, units (4): K 39a, K 40a, P 43b, P 111a; *CaQp*: 2(+), Aug. 2000, units (2): P 132i, Ł 117c.

Heterobasidion annosum (Fr.) Bref. s. lato – Eur.; at base of trunks and stumps of *Pinus sylvestris*; *QrP*: 1985, 1987–1988, 1990, 1992–1995, 1998, 2000, units (7): P 20f, P 31k, P 53i, P 99b, P 153Ad, Ch 142f, Ł 176b; *LP*: 1985–1991, 1994–1997, 1999–2000, units (25): K 89a, P 4i, P 32f, P 52a, P 68f, P 75m, P 123, Ch 127d, P 137i, Ch 137b, Ch 141r, Ch 172a, Ch 189s, Ł 54b, Ł 89a, Ł 93c, Ł 135i, Ł 179d, M 32a, M 47b, M 71a, M 102i, M 104b, M 120c, M 122a.

Laetiporus sulphureus (Bull.: Fr.) Murrill – PL.; on logs and trunks of: *Quercus petraea*, *Robinia pseudacacia*, *Populus nigra*, *Alnus glutinosa*, *Salix alba*; *LpF*: 1995, units (2): P 21, P 78; *FQp*: 1987, unit (1): P 112h; *CaQp*: 1986–1987, 1991, 1995, units (4): Ch 166c, Ł 160b, Ł 164c, M 124a.

Lentinus conchatus (Bull.: Fr.) J. Schroet. [= *Panus conchatus* (Bull.: Fr.) Fr.] – R, Eur.; on logs; *FUm*: 1(+), Oct. 1989, unit (1): Ch 140h.

Lentinus strigosus (Schwein.: Fr.) Fr. [= *Panus rudis* Fr.] – V; on log of *Betula pendula*; *LP*: 1(2), Sept. 1991, unit (1): Ch 189s.

Lentinus tigrinus (Bull.: Fr.) Fr. [= *Panus tigrinus* (Bull.: Fr.) Singer] – I; on logs and trunks of *Alnus glutinosa*; *RnA*: 3(+), Oct. 1986, Oct. 1989, units (3): P 122n, Ch 205b, Ł 84a; *FA*: 1(+), Oct. 1986, unit (1): Ch 141c; *CaQp*: 2(+–1), Jul. 1988, Sept. 1991, units (2): Ch 166c, Ł 135f.

Meripilus giganteus (Pers.: Fr.) P. Karst. – §, Eur.; on stumps and at base of trunks of *Fagus sylvatica*, *Quercus petraea*; *LpF*: 5(+–1), Aug. 1986, Sept. 1991, Jul.

1995, units (5): K 39a, K 41a, P 34b, P 111a, P 153m; *FQp*: 2(+), Aug. 1988, Jul. 1989, unit (1): P 144c; *CaQp*: 2(+–1), Sept. 1999, Sept. 2000, units (2): P 115j, P 153a.

Oligoporus ptychogaster (F. Ludw.) Falck & O. Falck – R; on log of *Pinus sylvestris*; *LP*: Sept. 1991, unit (1): P 62p.

Oxyporus populinus (Schumach.: Fr.) Donk – Eur.; at base of trunk of *Acer negundo* and on trunk *Aesculus hippocastanum*; Sept. 1995, Sept. 1997, units (2): road side in Chojna and Bielinek.

Phaeolus schweinitzii (Fr.) Pat. – R; on logs and stumps of *Pinus sylvestris*; *LP*: 4(+), Sept. 1988, Nov. 1989, Oct. 1991, Sept. 1995, units (4): P 124c, Ch 141r, M 34d, Ł 135i.

Phylloporia ribis (Schumach.: Fr.) Ryvarden – I; on roots of *Ribes nigrum*; *RnA*: 4(+–1), 1990, 1997, 1998, units (4): P 137n, Ch 183l, Ch 206a, Ł 156a.

Piptoporus betulinus (Bull.: Fr.) P. Karst. – Eur.; on trunks and logs of *Betula pendula*; *RnA*: 1989–1991, units (5): K 173, Ch 166j, Ł 61b, Ł 80, M 66i; *CaQp*: 1988, 1990–1991, unit (1): M 66h; *LP*: 1986–1991, 1995, 1998–2000, units (24): P 53c, P 64h, P 66b, P 69i, P 75m, P 85f, P 123, P 144b, P 149k, P 153Bf, Ch 137b, Ch 142, Ch 189s, Ch 195j, Ch 234b, Ł 12c, Ł 34b, Ł 52b, Ł 56a, Ł 128, Ł 135i, M 17b, M 104b, M 122a; birch forest: 1988–1991, 1994–1996, 1998, 2000, units (13): P 74d, P 87b, Ch 140g, Ch 167h, Ch 182i, Ł 87b, Ł 134, M 9c, M 29d, M 43, M 62c, M 99f, M 102k.

Pleurotus pulmonarius (Fr.) Quél. – V; on logs and trunks of *Alnus glutinosa*; *RnA*: 2(1–2), Oct. 1986, Oct. 1988, unit (1): Ch 141b.

Polyporus melanopus (Pers.): Fr. – R; on fallen branches of *Fagus sylvatica*; *LpF*: 11(+–2), Oct. 1987, Jun.–Oct. 1988, Oct. 1989, Jun. 1990, units (5): K 40a, P 34b, P 95h, P 111a, P 153m.

Pycnoporus cinnabarinus (Jacq.: Fr.) P. Karst. – R, Eur.; on logs and fallen branches of *Betula pendula*; *LP*: 1988, 1991, units (2): P 47b, P 120a; birch forest: 1990, 1995, 1999, units (4): P 87b, Ch 140g, Ch 167h, M 9c.

Trichaptum bifforme (Fr.) Ryvarden – V; on logs of *Fagus sylvatica*; *LpF*: 1990, 1994, units (2): P 78n, P 93b.

RUSSULALES

Lactarius chrysorrhoeus Fr. – R; on ground; *GsCb*: 1(1), Oct. 1990, unit (1): P 128b; *FQp*: 5(+–1), Nov. 1987, Oct.–Nov. 1988, units (4): P 39m, P 62p, P 63j, P 112h; *CaQp*: 37(+–2), Oct. 1985, Aug., Oct.–Nov. 1986, Oct.–Nov. 1987, Jul., Sept.–Nov. 1988, Oct.–Nov. 1989, Jun.–Jul., Sept.–Oct. 1990, Sept.–Oct. 1991, Sept. 1995, units (14): P 130a, P 131i, P 133d, P 136b,

P 144j, P 147h, P 153Ab, Ł 135b, Ch 166c, Ł 117d, Ł 135f, Ł 160b, Ł 164c, M 124a; *QrP*: 1(1), Oct. 1990, unit (1): Ł 176b.

Lactarius deliciosus (L.: Fr.) Gray – V; on ground; *LP*: 4(1–2), Nov. 1986, Oct. 1987, Oct. 1989, Sept. 1996, units (4): P 31j, Ł 62a, Ł 135i, Ł 199.

Lactarius lilacinus (Lasch: Fr.) Fr. – I; on ground; *RnA*: 13(+–2), Oct.–Nov. 1986, Nov. 1987, Sept. 1988, Sept.–Nov. 1989, Oct. 1990, Sept. 1991, units (7): P 110o, P 122n, Ch 1141b, Ch 166j, Ch 205b, Ł 84a, Ł 156a; *FA*: 4(+–2), Oct. 1986, Sept. 1988, Oct. 1990, Oct. 1991, units (2): P 113d, Ch 182a.

Lactarius necator (J. F. Gmel.: Fr.) Pers. – Eur.; on ground; *CaQp*: 2(+–1), Nov. 1986, Oct. 1990, unit (1): M 66h; *QrP*: 5(+–2), Oct. 1986, Jul., Sept.–Oct. 1990, units (3): P 20f, Ch 142f, Ł 54a; *LP*: 33(+–2), Oct. 1985, Oct. 1986, Oct.–Nov. 1987, Oct. 1988, Oct. 1989, Jul., Sept.–Oct. 1990, Sept.–Oct. 1991, Sept. 1992, Oct. 1995, units (16): P 64h, P 89a, P 105b, P 124c, P 137i, Ch 137b, Ch 172a, Ch 189s, Ch 234b, Ł 54b, Ł 56a, Ł 223g, M 32a, M 47b, M 102i, M 120c.

Lactarius volemus (Fr.) Fr. – PL.; on ground; *LpF*: 3(1–2), Sept. 1987, Aug. 1989, Sept. 1995, units (3): K 40d, P 20m, P 111a; *FQp*: 2(1–2), Sept. 1987, Oct. 1991, units (2): P 19h, P 112h; *CaQp*: 2(+–2), Oct. 1986, Jul. 1990, units (2): P 131a, Ł 135f.

Russula alnetorum Romagn. [= *Russula pumila* Rouzeau & F. Massart] – I; on ground; *RnA*: 22(+–2), Oct.–Nov. 1986, Sept.–Oct. 1988, Sept.–Oct. 1989, Sept.–Oct. 1990, Sept.–Oct. 1991, Sept. 1995, units (8): P 122n, Ch 141b, Ch 149f, Ch 182a, Ch 205b, Ł 61b, Ł 84a, M 90b; *FA*: 4(+–1), Oct. 1986, Sept. 1988, Sept. 1990, units (2): K 140h, P 113d.

Russula alutacea (Pers.: Fr.) Fr. – I; on ground; *LpF*: 3(1), Sept.–Oct. 1990, units (2): P 93b, P 153m; *FQp*: 6(+–1), Nov. 1987, Oct. 1989, Oct. 1990, Sept. 1991, units (4): P 39m, P 62p, P 112h, P 144c; *CaQp*: 13(+–1), May, Aug., Oct. 1986, Oct.–Nov. 1987, Jul., Sept. 1988, Jul., Sept.–Oct. 1990, Sept. 1995, units (8): P 131a, P 133i, P 144j, Ch 166c, Ł 117d, Ł 135f, Ł 160b, Ł 164c; *QrP*: 3(+–1), Oct. 1986, Sept. 1990, Oct. 1998, units (3): P 31c, Ch 142f, Ł 54a; *LP*: 1(+), Oct. 1987, unit (1): P 32f.

Russula amoenolens Romagn. – I; on ground; *GsCb*: 1 (1), Oct. 1990, unit (1): P 128a; *CaQp*: 1(1), Oct. 1990, unit (1): M 124a; *QrP*: 1(1), Sept. 1990, unit (1): Ch 182r.

Russula claroflava Grove [= *Russula flava* (Romell) Romell *ap.* Lindblad] – Eur.; on ground; *RnA*: 2(+–1), Sept. 1991, Oct. 1995, units (2): P 122n, Ch 205b; *LP*: 2(1), Nov. 1986, Jul. 1990, units (2): P 85f, Ch 137b.

Russula caerulea Fr. – Ex; on ground; *QrP*: 1(1),

Oct. 1990, unit (1): P 31k; *LP*: 9(+–2), Sept.–Oct. 1990, Sept.–Oct. 1991, units (5): Ch 189s, Ł 54b, Ł 56a, M 100c, M 102i.

Russula olivacea (Schaeff.) Fr. – R; on ground; *FQp*: 2(+–1), Oct. 1986, Aug. 1990, units (2): P 18j, P 112h.

Russula rosea Pers. [= *Russula rosacea* (Pers.) Gray] – Eur.; on ground; *GsCb*: 1(1), Oct. 1990, unit (1): P 128b; *LpF*: 1(1), Oct. 1990, unit (1): P 93b.

Russula virescens (Schaeff.) Fr. – Eur.; on ground; *LpF*: 2(+–1), Oct. 1987, Jul. 1989, units (2): P 96m, P 153m; *FQp*: 3(+–2), Oct. 1987, Jul. 1988, Sept. 1990, unit (1): P 144c; *CaQp*: 3(+–1), Jul. 1988, units (3): P 131i, P 153Bf, Ł 160b.

SCHIZOPHYLLALES

Schizophyllum commune Fr.: Fr. – Eur., PL.; on logs and stumps of: *Quercus petraea*, *Fagus sylvatica*, *Tilia cordata*, *Pinus sylvestris*; *GsCb*: 1989–1991, unit (1): P 128a; *LpF*: 1990, 1992, units (2): P 93b, 153m; *QrP*: 1988–1989, 1991, 1995, 1998, units (6): P 133a, P 147h, P 153a, Ch 142f, M 124, Ł 176b; *LP*: 1985, unit (1): Ch 172a.

SCLERODERMATALES

Pisolithus arhizus (Scop.: Pers.) Rauschert – R, Eur.; on ground; forest road: 1(1), Sept. 1993, unit (1): M 43.

STEREALES

Phlebia radiata Fr. – Eur.; on logs and fallen branches of: *Quercus petraea*, *Fagus sylvatica*, *Alnus glutinosa*, *Sorbus aucuparia*; *RnA*: 1989, 1991, 1996, units (5): P 124k, P 139a, Ch 141b, Ch 205b, Ł 84a; *GsCb*: 1990–1991, unit (1): P 128b; *LpF*: 1987–1989, 1991, 1995–1997, units (6): K 40a, P 34b, P 61c, P 93b, P 111a, P 153m; *FQp*: 1988–1991, 1998, units (2): P 62k, P 144c; *CaQp*: 1986–1991, 1995, 1999–2000, units (10): P 115j, P 131a, P 133a, P 144j, P 153Bf, Ł 135f, Ł 160b, Ł 164c, M 66h, M 124a; *QrP*: 1985–1986, 1989, units (3): Ch 142f, Ł 54a1, Ł 176b.

Stereum subtomenosum Pouzar – R; on logs of *Alnus glutinosa*, *Quercus petraea*; *RnA*: 1989–1991, 1993, units (9): P 122n, P 124k, P 139a, Ch 149f, Ch 166j, Ch 182a, Ch 206a, Ł 84a, M 66i; *QrF*: 1988–1989, unit (1): P 113d; *FQp*: 1990–1991, units (2): P 19h, P 144c; *CaQp*: 1990, 1995, units (2): P 115j, P 131a.

THELEPHORALES

Sarcodon imbricatus (L.: Fr.) P. Karst. – V, PL.; on ground; *LP*: 4(1–2), Oct. 1986, Oct. 1987, Sept. 1988, Sept. 1990, Oct. 1992, units (5): P 64h, P 121f, Ch 142a, M 33b, Ł 12c.

Thelephora anthocephala (Bull.): Fr. – R; on ground; RnA: 3(1), Sept. 1988, Sept.–Oct. 1990, unit (1): Ł 84a.

Thelephora caryophyllea (Schaeff.): Fr. – R; on ground; LP: 2(1), Jul. 1990, Aug. 1995, units (2): Ł 135i, M 104b.

TREMELLALES

Exidia thuretiana (Lév.) Fr. – E; on log of *Alnus glutinosa*, RnA: 1(2), Nov. 1989, unit (1): Ł 84a.

Exidia villosa Neuhoff – E; on fallen branches of *Tilia cordata*; GsCb: 8(1–4), Jun.–Jul., Nov.–Dec. 1988, Oct. 1989, Nov. 1990, Jan. 1991, Oct. 1999, unit (1): P 128b.

Pseudohydnum gelatinosum (Scop.: Fr.) P. Karst. – Eur.; on logs and stumps of *Pinus sylvestris*; QrP: 1(1), Oct. 1988, unit (1): Ł 54a1; LP: 2(1), Sept. 1995, Oct. 1998, units (2): K 89a, P 19j.

Tremella foliacea Pers. – I; on logs of: *Alnus glutinosa*, *Betula pendula*, *Corylus avellana*; RnA: 18(+–2), Oct.–Nov. 1986, Oct. 1988, May–Jul., Oct.–Nov. 1989, Oct. 1990, Oct. 1991, Jul. 1998, units (10): K 147a, P 110o, P 122n, P 124k, P 139a, Ch 206a, Ł 61b, Ł 84a, Ł 156a, M 66i; LP: 5(+–1), units (3): Ł 194a, M 100c, 104b; birch forest: 3(1), Aug. 1994, Oct. 1995, Sept. 1998, units (3): Ł 87b, M 29d, M 99f.

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