

ASCOMYCETES FROM THE BEQUEST OF J. BÁNHEGYI

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Records of Ascomycetes belonging mostly to the Discomycetes are presented here from the bequest of J. Bánhegyi. The collecting sites are located mainly in Hungary, including the wider surroundings of Budapest, the surroundings of Csévharaszti, Kőszeg and Pécs, and some places from the Vértes Mts. A smaller number of records are from Transylvania (Romania), and Bavaria (Germany).

Key words: enumeration, Discomycetes, *Helvella*, *Humaria*, *Sarcoscypha kecskemetiensis*, *Scutellinia*, *Trichophaea*

INTRODUCTION

József Bánhegyi (1911–1976), the founder, organiser and later the head (1953–1973) of the Microbiological Department of the Eötvös Loránd University (Budapest, Hungary) had a wide scientific interest in several fields of mycology. In his doctoral thesis (1937) he studied and presented all discomycete species occurring around Budapest. He continued the investigation of this group of fungi and described several new cup fungus taxa. In his microbiological lectures at the university he strived for a well balanced scope of teaching all the time; due to his duties with the management of the department and other obligations very little time remained for his microscopical research work. However, he continued collecting the discomycetes, and published the first records on the “Ingoldian Hyphomycetes” from Hungary. He was also interested in other microfungi groups, especially the Myxomycetes. His reviving hope of escape from the military captivity in the Soviet Union (1944–1947) shows in his specimens of discomycetes and myxomycetes he gathered in that difficult period of time.

His famous investigations on the Laboulbeniales, based partly on his own collections and partly on the insect collection of the Hungarian Natural History Museum are highly esteemed even by the recent international literature (TAVARES 1985). He devoted the last part of his active life also to the work on that group.

Most of his unidentified or identified but unpublished specimens from his mycological bequest were revised and published by two of his students (Lídia Zeller and the present author) in two papers (ZELLER and TÓTH 1979, 1985). The present account is the 3rd (final) part on the specimens from his bequest which is devoted also to the memory of Lídia Zeller, the coauthor of the previous two parts (L. Zeller passed away in 1997).

In the following enumeration each record starts with the number of the author's research diary. The nomenclature of the species names followed DENNIS (1978) and CANNON *et al.* (1985). The place names are written in their original form from Bánhegyi's specimens; these are mostly the Hungarian names which were in use at the date of the collectings. In most cases, finding the recent and correct equivalents of these names is very difficult, or sometimes even impossible. The recent country or region names are indicated in brackets in the case of non-Hungarian place names (with the exception of the obviously very difficult cases).

A total of 187 records of 107 species are listed in the enumeration. The specimens are deposited in the Department of Botany of the Hungarian Natural History Museum. Some remarkable specimens deserve special emphasis. The most important might be "*Sarcoscypha kecskemetiensis* Hollós", because the holotype and other specimens were destroyed, for unknown reason, by László Hollós himself, thus now this is the only authentic material for this taxon, corresponding to the description and collected in the locus classicus. "*Helotium sabranskyanum* (Bäuml.) Bánh.", and "*Humaria hemisphaerica* (Wigg.) Fr. var. *carbonaria* Bánh." could also be mentioned. The latter taxon does not differ from other specimens of the species occurring on various substrates, thus the variety level can not be verified by the present author.

LIST OF SPECIMENS

Aleuria aurantia (Fr.) Fuck. – 11220. On soil in woods, Mt. Óház-tető near the town of Kőszeg, 10.9.1948. (rev., spores 18–24 × 9 µm). – 11453. On soil in woods, mt. Kendig-hegy near the village of Velem, 9.9.1938 (spores 18.8–19.5 × 9–9.8 µm).

Anthracobia maurilabra (Cooke) Boud. – 11416. On burnt soil, by "Stájer-házak" near Kőszeg, 9.9.1938 (spores 19.5–21.8 × 9–10.5 µm).

Apostemidium guernisacii (Crouan et C. Crouan) Boud. – 11021. On water-soaked wood of *Fagus sylvatica* L., by "Haus Bruneck" of the town of Kreuth (Bavaria, Germany), 16.8.1973. – 10953. On water-soaked wood, in the brook Holló-patak near Tusnád-fürdő (Transylvania), 11.7.1943 (spores 141–157.5 µm long).

Arachnopeziza aurelia (Pers.) Fuck. – 10955. On rotting branches of *Quercus* sp., mt. Remete-hegy near the village of Nagykovácsi (in close proximity of Budapest), 11.5.1941 (spores 15–18 × 3.8–4.2 µm, 3.-sept., app.).

Ascobolus behnitzensis Kirschst. – 11250. On wet soil, associated with the alga *Botrydium granulatum*, on the banks of the river Danube near the village of Göd, 28.5.1948 (spores reticulate, cca 20.3 × 10.5 µm).

Ascobolus carbonarius P. Karst. – 11170. On burnt soil, on the banks of the brook Kovásznai-patak at the foot of the mt. Kövecses-hegy (near the town of Kovászna, Transylvania), 1.9.1942 (spores 18.8–25.5 × 11.3–13.5 µm). – 11200. On burnt soil, Vértes mts, mt. Macska-bükk near Kapberekpuszta, 6.9.1939 (spores 21–22.5 × 12.8–13.5 µm).

Bisporella citrina (Batsch) Korf et Carp. – 10969. On rotting wood, Vértes mts, valley Fáni-völgy near the village of Vérteskozma, 15.10.1939. – 11160. On dead wood, at the same place, 1.11.1943.

Chaetomium bostrychodes Zopf – 11679. On horse dung, mt. Cofránka-kő near the town of Gyergyószentmiklós (Transylvania), 28.6.1943.

Chaetomium cochliodes Palliser – 11916. On hare dung, in woods Kamara-erdő near the village of Budaörs, 15.6.1941.

Chaetomium globosum Kunze – 10968. On horse hoof, Fáni-völgy, 24.9.1949. – 10994, 11010. On deer dung, "Schwaiger Alm" near Kreuth, 26.8.1970. – 11008. On cow dung, on the banks of the brook Kreissach near Kreuth, 28.8.1970. – 11917. On hare dung, Kamara-erdő, 15.6.1941.

Chlorosplenium aeruginascens (Nyl.) P. Karst. – 11009. On dead wood, valley Sárkánylyuk-völgy near Vérteskozma, 10.8.1950. – 11017. On rotting wood, near "Haus Bruneck", 21.8.1973. – 11217. On dead wood, near the spring Kantavári-forrás near the city of Pécs, 3.10.1937.

Claviceps purpurea (Fr.) Tul. – 10965. On *Secale cereale* L., on holm Szentendrei-sziget near the town of Szentendre, 5.7.1952.

Coccomyces coronatus (Schum.) de Not. – 11138. On dead leaves of *Fagus sylvatica* L., mt. Horgász-hegy near Kovászna, 31.8.1942. – 11157. On dead leaves of *Betula pubescens* Ehrh., swamp Mohos-tó near the lake Szent Anna-tó (near Tusnád-fürdő, Transylvania), 8.7.1943.

Coprobria granulata (Bull.) Boud. – 11677. On dung, Fáni-völgy, 5.7.1940 (spores 14.3–15.8 × 9–10.5 µm).

Cyathicula coronata (Bull.) de Not. ex P. Karst. – 10998. On dead stems, by streamlet Keskenybükki-patak near the village of Magyarkút, 7.9.1952 (rev., spores cca 16.5 × 3 µm).

Daldinia concentrica (Bolt.) Ces. et de Not. – 11230. On dead wood of *Alnus glutinosa* (L.) Gaertn., valley Rókafogó-völgy near the village of Pilisszentlászló, 5.4.1964 (spores 13.5–15.8 × 7.2–7.5 µm).

Dasyscyphus bicolor (Bull.) Fuck. – 11236. On dead twigs of *Quercus* sp., woods Zarany-erdő near the city of Kaposvár, 2.5.1937.

Diatrype stigma (Hoffm.) Fr. – 11216. On dead twigs of *Betula pendula* Roth, mt. Nagycsomád near Tusnád-fürdő, 6.9.1942.

Discina perlata (Fr.) Fr. – 11020. In mixed woods, mt. Vihar-hegy near Budapest, 9.5.1954 (spores 28.5–30 × 10.3–12 µm, 1–3-gutt., app.).

Endoxyla cirrhosa (Pers.) E. Müll. et v. Arx – 11676. On dead wood of *Quercus* sp., mt. Irány-hegy near Kőszeg, 14.8.1941.

Erysiphe asperifoliorum Grev. – 11473. Matrix: *Myosotis arvensis* (L.) Hill., near the village of Csévharaszt, 18.6.1969.

Erysiphe cichoracearum DC. – 11367. *Centaurea pannonica* (Heuff.) Simk., near the village of Balatonföldvár, 13.9.1952.

Erysiphe communis (Wallr.) Link – 11489. *Sisymbrium strictissimum* L., in the valley Hűvös-völgy: Budapest, 20.8.1948.

Erysiphe convolvuli DC. – 11475. *Convolvulus arvensis* L., near the village of Budakalász, 14.10.1950. – 11478. *Convolvulus arvensis* L., near the village of Budatétény, 31.8.1949. – 11482. *Convolvulus arvensis* L., Hortus Botanicus Univ. Sci.: Budapest, 14.10.1948.

Erysiphe graminis DC. (= *Blumeria graminis* (DC.) Speer) – 11373. *Hordeum distichon* L., Pesthidegkút: Budapest, 7.7.1951. – 11374. *Hordeum distichon* L., Budakalász, 14.6.1951. – 11476. *Triticum aestivum* L. em. Fiori et Paol., Budakalász, 14.6.1951.

Erysiphe heraclei Schleich ex DC. – 11466. *Falcaria vulgaris* Bernh., Budapest, 16.8.1951 (rev.).

Erysiphe pisi DC. – 11326. *Medicago varia* Martyn, in the town of Eger, 12.8.1948.

- Erysiphe polygoni* DC. – 11488. *Polygonum lapathifolium* L., Balatonföldvár, 13.9.1952.
- Eutrybliella sabina* (de Not.) Höhn. – 11613. *Juniperus communis* L., near Csévharaszt, 10.3.1961 (spores $31.5\text{--}33.8 \times 17.3\text{--}18 \mu\text{m}$).
- Geopyxis carbonaria* (Alb. et Schw.) Sacc. – 12057. On burnt soil, between mt. Lóhavas and mt. Cofránka-kő near Gyergyószentmiklós (Transylvania), 28.6.1943 (rev., spores $14.2\text{--}17.3 \times 7.5\text{--}9 \mu\text{m}$).
- Gyromitra gigas* (Krombh.) Cooke – 11232. On soil, at the foot of mt. Fekete-Hagymás near Gyergyószentmiklós, 28.6.1943. (rev., spores $28.5\text{--}30.8 \times 11.7\text{--}13.5 \mu\text{m}$).
- “Helotium sabranskyanum* (Bäumli.) Bánh.” – 10978, 11050. On wet soil, near Julianna-major: Budapest, 7.11.1954 (rev., spores $16.5\text{--}18 \times 4.2\text{--}4.5 \mu\text{m}$; cf. Bánhegyi in Borbásia I/3–7: 83–84, 1939). – 10979. Hűvösvölgy: Budapest, 1.10.1939 (rev.). – 11672. mt. Irány-hegy near Kőszeg, 14.8.1941. (rev., spores $12\text{--}15 \times 3.8\text{--}5.3 \mu\text{m}$).
- Helvella epihippium* Lév. – 11049. On soil, Kamara-erdő, 4.6.1939. – 11654. Fáni-völgy, Vérteskozma, 17.8.1940. (rev.).
- Helvella elastica* Bull. – 11015. On soil, in woods Vadaskert by Hűvös-völgy (Budapest), 17.10.1937.
- Helvella fusca* Gill. – 10973. On soil, Hűvös-völgy, 22.10.1937.
- Helvella lacunosa* Afz. – 11595. On soil, valley Tárta-völgy by Kőszeg, 9.9.1938. – 11608. In woods Nádasdi-erdő near the town of Kaposvár, 13.6.1936.
- Helvella leucopus* Pers. – 11456. On sandy soil, near Csévharaszt, 14.5.1963 (rev.).
- Humaria hemisphaerica* (Wigg.) Fuck. – 10970. On soil, mt. Csillebérc by Budapest, 5.9.1937. – 10993. On burnt soil, valley Sárkányluk-völgy near Vérteskozma, 5.7.1940 (rev., typus of “*Lachnea hemisphaerica* (Wigg.) Gill. var. *carbonaria* Bánhegyi”, cf. Bánhegyi in Math. Természettud. Ért. 59: 600, 1940). – 11022/a. On dead wood, near Csévharaszt, 10.10.1963 (rev.). – 11024. On soil, mt. Pisznice near the village of Lábatlan, 24.6.1951 (rev.). – 11031. On bare soil in woods, near the village of Alsópetény, 10.7.1948. – 11043. On soil, Hűvös-völgy, 1.10.1939 (rev.). – 11047. On soil, valley Mária-szakadék near the village of Szár-újtelep, 17.7.1938 (rev.). – 11404. On burnt soil, Zarany-erdő near Kaposvár, 2.10.1937. – 11433. On soil, in *Betula*-woods by the village of Oranki near the city of Gorkiy (olím Nizhny Novgorod, USSR), 2.8.1945 (rev.). – 11457. On burnt soil amongst Musci in woods, Sárkányluk-völgy, 5.7.1940. – 11649. On rotting bark, in woods Zarany-erdő, 2.10.1937 (rev.) – 11650. On burnt soil, Sárkányluk-völgy, 5.7.1940 (rev.). – 11666, 11674. On soil, Fáni-völgy, 17.8.1940. – 11671. On soil, near the village of Kaposszentjakab, 14.8.1938 (rev.).
- Hymenoscyphus fructigenus* (Bull.) Gray – 11000. On fallen acorns of *Quercus* sp., near Csévharaszt, 21.8.1963. – 11035. On cupules and acorns of *Quercus* sp., near Csévharaszt, 10.10.1963 (rev.). – 11664. On fallen fruits of *Carpinus betulus* L., Fáni-völgy, 15.10.1939 (rev.). – 11665. On fallen acorns of *Quercus* sp., Fáni-völgy, 17.8.1940 (rev.).
- Hymenoscyphus serotinus* (Pers.) Phill. – 10962. On dead twigs, Fáni-völgy, 15.10.1939 (rev.).
- Hypoxylon fuscum* (Pers.) Fr. – 10996. On dead twigs of *Corylus avellana* L., in valley of the stream Keskenybükki-patak near the village of Magyarkút, 7.9.1952.
- Lamprospora crec’hqueraultii* (Cr.) Boud. var. *macracantha* Boud. – 11224. On soil shore of the lake Balaton near the town of Keszthely, 5.8.1943 (spores globose, $22.5\text{--}24 \mu\text{m}$ diameter, ornamented with spines cca $5 \mu\text{m}$ long).
- Leotia lubrica* (Scop.) Pers. – 11237. On soil in woods of *Fagus sylvatica* L., mt. Irány-hegy, 8.9.1938 (rev.). – 11454. On soil in woods of *Fagus*, Tárta-völgy, 9.9.1938. – 11658. On soil, valley Király-völgy near Kőszeg, 10.9.1938.
- Lophodermium pinastri* (Schrad.) Chev. – 11028. On needles of *Pinus nigra* Arn., mt. János-hegy (Budapest), 24.10.1937.

Mamiana coryli (Batsch) Ces. et de Not. – 11498. On leaves of *Corylus avellana* L., mt. Kövecses-hegy near Kovászna, 1.9.1942.

Melastiza chateri (W. G. Smith) Boud. – 11651. On burnt soil, valley Sárkánylyuk-völgy, 17.8.1940 (rev.). – 11828. On soil, by the spring Hörman-forrás near Kőszeg, 8.9.1938.

Microsphaera astragali (DC.) Trev. – 11467. *Astragalus glycyphyllus* L., mt. Kis-Csomád near Tusnád-fürdő, 26.8.1942. – 11484. *Astragalus glycyphyllus* L., Hűvös-völgy, 20.8.1948.

Microsphaera berberidis (DC.) Lév. – 11465. *Berberis vulgaris* L., Kövecses-hegy near Kovászna, 3.9.1942. – 11471. *Berberis vulgaris* L., by the stream Patkoló-patak near Kovászna, 31.8.1942.

Microsphaera mougeotii Lév. – 11485. *Lycium barbarum* L., mt. Ördög-orom (Budapest), 22.10.1948.

Microstoma protracta (Fr.) Kanouse – 10972. On dead wood of *Quercus* sp., Hűvös-völgy, 2.4.1939 (rev., spores 39–42 × 15.8–16.5 µm).

Mitrophora semilibera (DC.) Lév. – 10976. On soil, valley Mária-szakadék, 8.5.1951 (rev.). – 11661. Fáni-völgy, 4.5.1941 (rev.).

Mitruia paludosa Fr. – 11214. On swamp, amongst *Sphagnum*, region of source of the stream Kis-Kerka by mt. Strmec (comit. Vas), 26.5.1942, leg. B. Zólyomi, det. J. Bánhegyi (rev.).

Morchella conica Pers. – 11027. On soil, Mária-szakadék, 1.5.1938.

Mycromythelia macularis (Massal.) Keissl. – 11029. On dead bark of *Quercus* sp., near Kőszeg, 22.6.1948.

Nectria cinnabarina (Tode) Fr. – 11139. On dead twigs of *Fagus sylvatica* L., near the city of Kassa, 7.1.1944 (mainly status conidiophorus).

Nectria fukeliana C. Booth – 11187. On bark of *Picea abies* (L.) Karst., Kövecses-hegy near Kovászna, 1.9.1942.

Nectria peziza (Tode) Fr. – 10958. On dead wood, Hűvös-völgy, 22.10.1937. – 11005. On dead wood of *Quercus* sp., Hűvös-völgy, 17.10.1937. – 11007. On dead wood, mt. János-hegy (Budapest), 20.3.1937. – 11013. On dead wood, valley Irhás-árok (Budapest), 22.10.1948. – 11026. On dead wood, Hűvös-völgy, 3.9.1938. – 11275. On dead wood, by Kantavári-forrás near Pécs, 3.10.1937. – 11657. On dead wood, near Hörman-forrás, 12.8.1941.

Octospora wrightii (Berk. et Curt.) J. Moravec – 11403. On soil amongst Musci, mt. Misina-tető near Pécs, 2.10.1937 (spores subglobose, finely warted, 13.5–15 × 12–13.5 µm, containing one large oil drop).

Otidea alutacea (Pers.) Masee – 11023. On soil, near Csévharaszt, 18.9.1964.

Otidea bufonia (Pers.) Boud. – 11277. On soil, Misina-tető, 3.10.1937. – 11294. On soil, Hűvös-völgy, 9.10.1938 (spores 14.3–15.8 × 6–6.9 µm).

Pachyella babingtonii (Berk.) Boud. – 11409. On water-soaked wood, spring Tizenegyvályús-forrás near the village of Zebegény, 21.7.1939 (spores 19.5–21 × 10.5–12 µm). – 11411. On water-soaked wood laying on the bank of the streamlet by Kövecses-hegy near Kovászna, 1.9.1942 (spores 19.5–21 × 11.3–12 µm).

Paxina acetabulum (L.) Kuntze – 10997. On soil in woods Kamara-erdő, 4.6.1939. – 11592. On soil in woods of *Quercus* spp., Hűvös-völgy, 13.6.1954, leg. J. Zakariás, det. J. Bánhegyi (rev.). – 11606. On soil, Nádasdi-erdő near Kaposvár, 13.6.1936.

Paxina leucomelas (Pers.) Kuntze – 11458. On soil in woods of *Pinus*, mt. Somlyó near the village of Fót, 3.5.1955, leg.: I. Petrányi, det.: J. Bánhegyi (rev.).

Petriella guttulata Barron et Cain – 10179. On rotting leaves of *Quercus* sp., valley Lukács-árok near the village of Dömös, 28.9.1949.

Peziza badia Pers. – 10977. On soil in woods, mt. Vadaskert by Hűvös-völgy 17.10.1937 (spores 18.8–21 × 10.5–12 µm). – 11611. On burnt soil, Zarany-erdő near Kaposvár, 2.10.1937 (spores 18–19.5 × 11.3–12 µm). – 11900. On soil, Fáni-völgy near Vérteskozma, 17.8.1940.

Peziza badiocnosa Korf – 10967. On soil, Mária-szakadék near Szár-újtelep, 8.5.1951 (spores verrucose, 19.5–20.3 × 9–9.8 µm). – 11668. On soil, Sárkányluk-völgy near Vérteskozma, 19.5.1939 (spores 16.5–17.7 × 8.3–9 µm). – 11675. On soil, Fáni-völgy, 5.7.1940 (spores 15.3–18 × 9–9.8 µm).

Peziza echinospora P. Karst. – 11495. On burnt soil, between Irány-hegy and Kendig-hegy near Kőszeg, 14.8.1941 (spores 15–16.5 × 8.3 µm). – 11648. On burnt soil, Sárkányluk-völgy, 17.8.1940 (spores 15–16.5 × 9–9.8 µm).

Peziza limosa (Grelet) Nannf. – 11604. On soil, Tárta-völgy (on the stream bank) near Kőszeg, 9.9.1938.

Peziza michelii (Boud.) Dennis – 11455. On sandy soil, woods of *Quercus robur* L., near the village of Kecel (comit. Bács-Kiskun), 31.7.1957.

Peziza plebeia (Le Gal) Nannf. – 11652. On soil, Fáni-völgy, 5.7.1940.

Peziza succosa Berk. – 11607. On soil, Nádasdi-erdő near Kaposvár, 13.6.1936 (spores 19.5–21 × 9.8–12.8 µm).

Peziza varia (Hedw.) Fr. – 11669. On soil, Király-völgy near Kőszeg, 10.9.1938.

Phyllachora graminis (Pers.) Fuck. – 11496. *Agropyron repens* P. B., on the bank of the river Olt near the village of Tusnád (comit. Csík, Transylvania), 5.9.1942. – 11800. On dead leaves of grasses, Mária-szakadék near Szár-újtelep, 27.2.1938.

Plicaria trachycarpa (Currey) Boud. – 11653. On burnt soil, between Irány-hegy and Kendig-hegy near Kőszeg, 14.8.1941 (rev.).

Podophaecidium xanthomelum (Pers.) Kavina – 11196. On soil amongst Musci, valley Rozsnyói-völgy near the town of Rozsnyó, 24.9.1940 (rev.).

Podospora communis (Speg.) Niessl – 11006. On cow dung, on bank of the stream Kreissach near Kreuth (Bayern), 28.8.1970.

Polystigma rubrum (Pers.) DC. – 11494. On leaves of *Prunus* sp., Irhás-árok (Budapest), 14.9.1950. – 11497. On leaves of *Prunus domestica* L., mt. Nagy-Eged near the city of Eger, 11.8.1948. – 11504. On leaves of *Prunus spinosa* L., mt. Kis-Kőporos-tető near Eger, 12.8.1948.

Poronia punctata (L.) Fr. – 11048. On horse dung, near Csévharaszt, 3.11.1964.

Propolomyces versicolor (Fr.) Dennis – 10952. On dead twigs, mt. Pilis near the village of Pilisszentkereszt, 29.8.1937. – 10960. On dead wood of *Quercus* sp., near the village of Alsópetény, 12.7.1948. – 11011. On dead wood, mt. János-hegy (Budapest), 20.3.1937. – 11032. On dead twigs of *Fagus sylvatica* L., in mixed woods near "Haus Bruneck", Kreuth, 26.8.1970. – 11223. On dead wood, by Kantavári-forrás near Pécs, 3.10.1937 (rev.). – 11645. On dead decorticated twigs, mt. Misina-tető near Pécs, 3.10.1937. – 11799. On dead wood, Zarany-erdő near Kaposvár, 2.10.1937.

Pulvinula haemastigma (Hedw.) Boud. – 10966. On soil, valley of the streamlet Malom-patak near Zebegegy, 23.7.1959.

Pyronema domesticum (Sow.) Sacc. – 11202, 11222. On burnt soil, Sárkányluk-völgy near Vérteskozma, 24.9.1949 (spores 16.5–18 × 9.8–10.5 µm). – 11204. On charcoal, in woods near the village of Tar, 15.9.1940 (spores 16.5–18 × 10.5 µm).

Pyronema omphalodes (Bull.) Fuck. – 11039. On burnt soil and on charcoal, mt. Som-hegy near the village of Parád, 18.6.1948, leg. R. Morvai, det. J. Bánhegyi (rev., spores 12.3–12.8 × 7.5 µm). – 11662. On burnt soil, by "Stájer-házak" near Kőszeg, 9.9.1938 (spores 11.3–13.5 × 7.2–8.3 µm).

Rutstroemia bolaris (Batsch) Rehm – 11240. On dead twigs of *Fagus sylvatica* L., Mária-szakadék near Szár-újtelep, 27.2.1938 (spores 19.5–24 × 6–7.5 µm, aseptate–3-septate).

Rutstroemia echinophila (Bull.) Höhn. – 11228, 11646. On rotting cupules and acorns of *Quercus cerris* L., Fáni-völgy near Vérteskozma, 17.8.1940. – 11670. On rotting cupules of *Quercus cerris* L., near Kaposzentjakab, 14.8.1938.

Rutstroemia firma (Pers.) P. Karst. – 11003. On dead cupules of *Quercus cerris* L., Kamaraerdő near Budaörs, 20.8.1939. – 11004. On cupules of *Quercus* sp., Hűvös-völgy (Budapest), 3.9.1938. – 11030. On dead twigs of *Quercus* sp., near Csévharaszt, 10.10.1963.

Sarcoscypha coccinea (Scop.) Lambotte – 10956. On buried twigs, near the village of Aszófő (comit. Veszprém), 5.4.1952 (rev.). – 11186. On dead twigs, near ruins of Vitányvár near the town of Tatabánya, 27.2.1938 (spores 28.5–37.5 × 9.8–12 µm).

“*Sarcoscypha kecskemétiensis* Hollós” – 11025. On soil (on buried twigs?), near Csévharaszt, 21.8.1963 (rev., spores cca 12 × 6 µm; fit to identify on base of Hollós in Kecskeméti Áll. Főreális. Ért., p.18, 1898–1899).

Sclerotinia pseudotuberosa (Rehm) Rehm – 11040. On dead cotyledons of *Quercus* sp., near Csévharaszt, 10.10.1963 (spores cca 9.8 × 5.7 µm).

Scutellinia erinaceus (Schw.) Kuntze – 11702. On water-soaked wood, Tárta-völgy near Kőszeg, 13.8.1941 (spores 21–22.5 × 12–13.5 µm).

Scutellinia scutellata (L.) Lamb. – 11825. On dead carposoma of a tinder fungus, on the streamlet Malom-patak near Zebegény, 22.7.1938.

Scutellinia setosa (Nees) Kuntze – 10999. On dead wood, near Alsópetény, 12.7.1948.

Scutellinia trechispora (B. et Br.) Lamb. – 10991. On wet soil, near Alsópetény, 8.7.1948 (rev., spores globose, markedly verrucose, cca 16.5 µm in diameter).

Sepultaria arenicola (Lév.) Massee – 10974, 11203. On sandy soil, near Csévharaszt, 3.11.1964 (spores 22.5–26.3 × 14.3–15 µm). – 10995. On sandy soil, near Csévharaszt, 10.10.1963 (rev.).

Spathularia flava Pers. – 11443. On soil in mixed woods (*Betula* and *Pinus sylv.*), by village of Monasztírka near Gorkiy (USSR), 10.8.1947 (rev.), spores 55.5–63 × 1.8–2.3 µm).

Sphaerosporella brunnea (Alb. et Schw.) Svrček et Kub. – 11233, 11628 and 11655. On burnt soil, Kendig-hegy near Velem (near Kőszeg), 14.8.1941 (rev., spores 13.5–16.5 (–17.3) µm in diameter).

Sphaerotheca fuliginea (Schlecht.) Poll. – 11483. *Bidens tripartitus* L., near the village of Balatonföldvár, 13.9.1952.

Taphrina amentorum (Sadeb.) Rostr. – 11929. *Alnus incana* (L.) Mch., on the bank of the river Olt near Tusnád, 27.8.1942.

Thecotheus holmskjöldii (Hansen) Eckblad – 11249. On cow dung, Vadaskert by Hűvös-völgy (Budapest).

Tricharina cretea (Cooke) Thind et Waraitch – 11218. On burnt soil, near the village of Párkány (near the city of Esztergom), 29.5.1939 (spores 16.5–18 × 9–10 µm).

Tricharina gilva (Boud.) Eckblad – 11667. On soil, near Vérteskozma, 17.8.1940 (rev.).

Trichophaea gregaria (Rehm) Boud. – 11227. On soil, in *Picea*-woods, mt. Nagy-Csomád near Tusnád-fürdő, 13.7.1943 (spores 22.5–24 × 9–10.2 µm).

Trichophaea palustris Boud. – 11663. On soil, Fáni-völgy near Vérteskozma, 17.8.1940 (rev., spores 19.5–21 × 12–12.8 µm, ornamented with hemispherical, up to 4.5 µm broad warts).

Trichophaea woolhopeia (Cooke et Phill.) Boud. – 10959. On burnt soil, Fáni-völgy near Vérteskozma, 17.8.1940 (rev., spores 19.5–21 × 15–16.5 µm). – 11673. On wet clay soil, by the streamlet Stájer-patak near Kőszeg, 12.8.1941 (rev., spores 19.5–21.8 × 15–16.5 µm).

Trichophaeopsis bicuspis (Boud.) Korf et Erb – 11248. On wet soil, on the bank of the river Danube, near Göd, 28.5.1948 (spores 16.5–18 × 9–11.3 µm).

Urnula craterium (Schwein.) Fr. – 10975. On dead twigs, mt. János-hegy (Budapest), 10.4.1937 (rev., spores cca 30 × 10.5 µm).

Vibrissea truncorum (Alb. et Schw.) Fr. – 11660. On dead twigs, mt. Pop-Iván near the village of Radnaborberek (Radnai-havasok mts, Transylvania), 17.6.1939 (rev.).

Xylaria polymorpha (Pers.) Grev. – 11263. On rotten log, near the village of Bértaltavár (comit. Vas), 14.7.1950, leg. A. Reményi, det. J. Bánhegyi (rev., spores 25.5 × 7.5–7.8 µm).

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(Received: 3 February, 2003)