

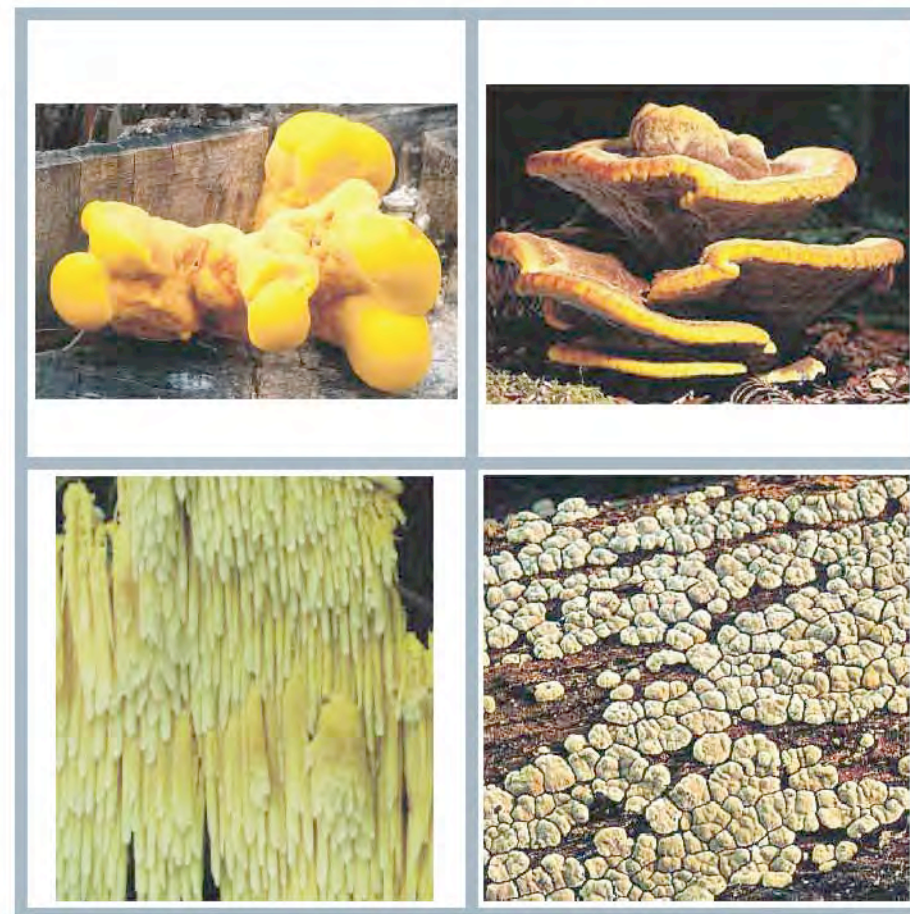
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CHECKLIST OF APHYLLOPHOROID FUNGI
OF UKRAINE



Annotated checklist of aphyllorphoroid fungi of Ukraine

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**The floristic data on the Aphyllorphorales of Ukraine (except clavarioid and
stipitate cantharelloid taxa) since 1842 were summarized in context of modern
nomenclature in the checklist**

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Introduction

Short geographical characterization of Ukraine

Ukraine is the second-largest country in Europe — it is 1.1 times larger than France and 7.5 times less than the European part of Russia, and has an area of 603 700 km² (233 088 square miles).

Ukraine occupies large part of the East European Plain. The area of the country consists of vast lowlands, plains, or eminences with flattened or dismembered relief, and not crossed by natural boundaries except of the Carpathian Mountains on the Southwest and the Crimean Mountain Chain near the Black Sea in the South. The altitudes hesitate from zero (the Black Sea level) to 2 060 m (Hoverla Mountain top in the East Carpathians).

Northern part of Ukraine belongs to the forest zone, nemoral subzone, and named Polissya (marshy woodlands). The predominating formations are forests composed of *Pinus sylvestris*, *Alnus glutinosa*, *Betula pubescens*, *Quercus robur*, with small areas occupied by *Betula pendula*, *Carpinus betulus*, and *Fraxinus excelsior*-dominated communities. To the South Polissya is gradually replaced by forest-steppe with massifs of *Pinus sylvestris* and *Quercus robur* forests. The Carpathians are densely covered by *Abies alba*, *Picea abies*, *Fagus sylvatica*, and *Carpinus betulus* forests. Mountain forests of Crimea are dominated by *Fagus orientalis*, *F. sylvatica*, *Fraxinus excelsior*, *Carpinus betulus*, *C. orientalis*, *Pinus hamata*, *P. pallasiana*, *Quercus petraea*, and *Q. pubescens* communities. The steppe zone occupies southern and eastern parts of Ukraine. Besides open steppe communities on watershed areas, the river valleys are covered by woody vegetation. The southernmost areas of the steppe zone adjacent to the Black Sea and Sea of Azov are belonged to deserted steppes, or hemi-deserts.

Soil cover of Ukraine divides on several zones: sod-podzol and waterlogged soils under forests of Polissya, chernozem soils in forest steppes and steppes, and castaneous, partly salt soil in dry (deserted) steppes. Brown and gray forest soils develop under broadleaf vegetation in the Carpathians and the Crimean Mountains.

The climate of Ukraine is for the most part of temperate continental type. Narrow seaside of southern Crimea is belonged to the zone of subtropical climate. Winters vary from cool near the Black Sea to cold inland; summers are warm over the greater part of the country, and hot in the South. For example, northern part of Ukraine may be characterized by temperatures in Kyiv (Kiev), the capital city. Average temperatures range here from −6° C (21° F) in winter to 19° C (67° F) in summer. Precipitations are irregularly distributed: with the highest value in the West and the North, less towards the East and the Southeast. Annual precipitations constitute about 500 mm (19.7 inches) for the most part of Ukraine, reaching more than 1200 mm in the Carpathians. Droughts are usual event in southern areas.

The concept of aphyllorphoroid fungi accepted in this work

Volume of the group accepted by us in general corresponds to the former order Aphyllorphorales Rea sensu Donk, 1964. The generalized term “aphyllorphoroid fungi” is quite appropriate for naming of this artificial polyphyletic assemblage of taxa.

The taxa with typical clavarioid basidiomata, unsufficiently studied for Ukraine, and stipitate cantharelloid fungi (*Cantharellus*, *Craterellus*) were not included in the present checklist. Heterobasidiomycetous taxa resembling aphyllorphoroid fungi and sometimes considered in the Aphyllorphorales (the genera *Cerinomyces* and *Tulasnella*) were also omitted by us.

History of the investigation of aphyllorphoroid fungi in Ukraine

The first data on Ukrainian aphyllorphoroid fungi were published in the book “Voyage dans la Russie meridional et la Crimée” (1842), supported by famous Russian Maecenas A. Demidov. The chapter of this book “Observation medicales et énumération des plantes recueillies en Tauride” was written by J.H. Léveillé and included some mycological data. Léveillé reported 18 species of aphyllorphoroid fungi which are known now under the names *Bjerkandera adusta*, *Daedalea quercina*, *Fomes fomentarius*, *Ganoderma lipsiense*, *G. lucidum*, *Hericium coralloides*, *Heterobasidion annosum*, *Inonotus dryadeus*, *Peniophora cinerea*, *Perenniporia medulla-panis*, *Phellinus ferruginosus*, *Phlebia radiata*, *Polyporus leptcephalus*, *Pyrofomes demidoffii* (described by him as *Polyporus demidoffii* on the base of Crimean material and named in honor of sponsor of the book), *Schizophyllum commune*, *Stereum hirsutum*, *Trametes versicolor*, and *Trechispora mollusca*.

First native Ukrainian researcher of the fungi was V.M. Czerniaiev, professor of Kharkiv University. He began his work in 1816, long time before publication of Léveillé's article, but published his results only in 1845 under the title “Nouveaux Cryptogames de l'Ukraine et quelques mots sur la flore de ce pays”. Six species of aphyllorphoroid fungi were recorded by him: *Lenzites gigantea*, *Daedalea quercina*, *Fistulina hepatica*, *Gloeophyllum protractum*, *Hydnum melliodorum*, and *Trametes suaveolens*.

Since the middle of the 19th century some works on aphyllorphoroid fungi of northern and western Ukraine were issued. The article on fungi of Ukrainian Left Bank Polissya including 16 species was published by J. Borsčow (1869). Then in 1871 the work of Ya.Ya. Val'ts and L. Rishavi on mycobiota of Right Bank Polissya was issued. The mycological finds from environs of Lviv were reported by G. Krupa (1886, 1888).

Beginning of the 20th century is characterized by significant increasing of activity on investigation of West Ukrainian lands belonging to Austro-Hungary. In 1907 H. Bobiyak published the list of aphyllorphoroid fungi from Roztochchya region. Some later B. Namysłowski and K. Rouppert examined collection of H. Bobiyak and extended the knowledge about the Aphyllorphorales of this region (Namysłowski, Rouppert, 1909). In 1914 B. Namysłowski wrote an article about fungi of

Halicyya (Roztochchya) and Bukovyna (West Forest-Steppe) based on materials of his expeditions. In 1910–1920s A. Wróblewski studied the fungi in Precarpathian region and West Forest-Steppe (Wróblewski, 1916, 1922), F. Petrak in the Central Carpathians and Roztochchya (Petrak, 1925), Ya.M. Kuda in Volyn' (West Polissya; Kuda, 1926).¹

In the same period aphyllorphoroid fungi were studied in northern lands of Ukraine — Left and Right Bank Polissya, belonged to Russian Empire and later to the USSR. In 1915 A.L. Yavorskii published report on the Aphyllorphorales of Kyiv City. In 1920s the same region was studied by Z.K. Hizhyts'ka (Hizhyts'ka, 1926, 1929a, 1929b).

A number of aphyllorphoroid fungi were collected by S.S. Ganeshin in Poltava province (Left Bank Forest-Steppe). These collections were examined by V.I. Bondartseva-Monteverde and results were published in a large work (Bondartseva-Monteverde, 1921; Ganeshin, Bondartseva-Monteverde, 1922). Famous Russian mycologist A.S. Bondartsev carried out the investigations of aphyllorphoroid fungi near Darnitsa in Kyiv outskirts (Left Bank Polissya; Bondartsev, 1926, 1927).

Two remarkable works on the Aphyllorphorales were published in 1940: "Hymenomycetes of the main woody species of Crimean Reserve" by S.A. Gutsevich and "Hymenomycetes Carpatorum orientalium" by A. Pilát.² Despite of small volume, these works have brought a great contribution in the present knowledge on aphyllorphoroid fungi of Ukraine. Work of Czech mycologist A. Pilát remains unsurpassed by the quantity of species found for the first time for Ukraine (almost 150) till now.

In the 2nd half of the 20th century the objects for attention of mycologists are different natural regions of Ukraine. Most of floristic works concerned the forest-steppe zone. Fungi of Left Bank Forest-Steppe in period from 1950s till now were studied by V.M. Solomakhina (1954), R.V. Ganzha (1960, 1970), A.S. Bukhalo (1961a, 1961b), M.F. Smitskaya and G.L. Rozhenko (1974), E.K. Karpenko (1980), A.S. Usichenko, A.Yu. Akulov, and D.V. Leontyev (Usichenko, Akulov, Leontyev, 2001; Usichenko, 2002). Data on aphyllorphoroid fungi of Donetsk Forest-Steppe were obtained by I.M. Soldatova (1974) and V.P. Isikov (1993), of Right Bank Forest-Steppe — by I.O. Rayevs'ka and K.M. Komarets'ka (1949), M.M. Prudenko and V.M. Solomakhina (1971a, 1971b, 1997, 1998, 1999), and of Western Forest-Steppe — by P.Ye. Sosin (1940) and O.V. Isayeva (1952).

Left and Right Bank Polissya attracted no less attention of mycologists. Fungi of Right Bank Polissya (mostly in Kyiv City) were being investigated by M.Ya. Zerova (1948), E.A. Vinohrads'ka (1958), P.M. Koretskij and I.M. Soldatova (1978). Western Polissya were covered by studies of V.M. Solomakhina (1956a, 1956b, 1957, 1958a,

¹ Unfortunately, working on the checklist we had no possibility to become acquainted with publications of G. Krupa, B. Namyslowski, and A. Wróblewski, which are absent in libraries or kept in deep conservation, either are damaged in important places. Therefore data published by these authors were not included in the present list.

² Crimea and Transcarpathian region were out of administrative boundaries of Ukraine in this time.

1958b, 1959, 1960, 1961, 1965a, 1965b), V.P. Helyuta and V.P. Haiova (2001); Left Bank Polissya — by research of I.M. Soldatova (1984a, 1984b, 1985), A.S. Usichenko and A.Yu. Akulov (2001).

From 1950s a number of works were devoted to the fungi of Western regions of Ukraine, e.g. Transcarpathian region (Smitskaya, 1955, 1960, 1965, 1968; Lovas, 2000), the Carpathians and Precarpathian region (Gorovaya, 1979, 1908, 1982; Tribun, 1968, 1971a, 1971b, 1983, 1987a, 1987b), Roztochchya (Baziuk, 2000).

In the 1st half of the 20th century the aphyllophoroid fungi of Crimean Peninsula were studied by L.I. Vasil'eva-Pupysheva (1958), E.Z. Koval (1962), I.I. Maslov, I.S. Sarkina, T.V. Belich, and S.E. Sadogurskii (Maslov *et al.*, 1998; Sarkina, 2001), and V.P. Isikov (1977, 1981, 1988, 1994, 1997).

The steppe zone remained as “white spot” with respect to knowledge on biota of aphyllophoroid fungi until 1960s. Before this time only several species were recorded in this zone: A. Golubkov (1916) indicated the find of *Serpula lacrymans* in Kherson province (Left Bank Gramineous Steppe); G.G. Radzievsky (1952) reported the find of *Phellinus tuberculosus* in Right Bank Gramineous Steppe; *Schizophyllum commune*, *Polyporus rhizophilus*, and *P. squamosus* were found by M.Ya. Zerova in Right Bank Gramineous-Meadow Steppe and Right Bank Gramineous Steppe (Zerova, 1953, 1957). Later I.L. Dobrovol'skii and P.E. Sosin published for Right Bank Gramineous-Meadow Steppe 7 aphyllophoroid species (1960).

The species richness of the steppe zone of Ukraine were greatly elucidated after the series of works carried out in 1970s by I.M. Soldatova and S.P. Wasser. The first author focused his research mostly on steppes of the Left Bank part of Ukraine (Soldatova, 1971, 1972a, 1972b, 1973, 1974b, 1974c, 1974d, 1974e, 1975a, 1975b, 1976a, 1976c, 1977), the second — on Right Bank part lands (Wasser, 1971). Both authors have summarized their results in the monograph “Higher basidiomycetes of the steppe zone of Ukraine” (1977).³ In 2000 additional data on aphyllophoroid fungi of the steppe zone (Left Bank Gramineous-Meadow Steppe) were published by M.P. Prydiuk.

A number of aphyllophoroid fungi are agents of woody plants diseases. So they are frequently considered in many publications of phytopathological subjects.⁴ The main works on pathology of forest and garden plants concerning aphyllophoroid fungi are: Beilin (1951), Bratus and co-authors (1949, 1964, 1969), Chuprina (1970), Kharkevich (1952, 1959), Klyushnyk (1955, 1958), Kostyuk (1949), Krivoshei (1958), Lavitskaya (1958), Morochkovs'ka (1965, 1966), Pavlenko (1963), Shevchenko (1972), Stasevich (1999).

Some species of aphyllophoroid fungi are active destroyers of timber. “House fungi” and fungi on practical wood were described in works of S.M. Moskovets'

³ Also the remarkable review work “Distribution of the Aphyllophorales order fungi in the Ukraine” has come from pen of I.M. Soldatova (1981).

⁴ Usually in phytopathological works only the most widespread and harmful pathogens are considered. Working on the checklist we did not make an effort to embrace all spectrum of Ukrainian literature on forest pathology, restricting our attention to the publications where the geographical localities of species is more or less exactly indicated.

(1932), Z. Hizhyts'ka and M. Berehova (1934), and A.A. Demikhovs'ka (1959).

Data on Ukrainian aphyllorphoroid fungi were partly published in monographs devoted to their various groups in the former USSR, e.g. by A.S. Bondartsev "The Polyporaceae of the European USSR and the Caucasias" (1953), T.L. Nikolajeva "Familia Hydnaceae" (1961), T.A. Davydkina "The Stereaceae of the Soviet Union" (1980), U. Kõljalg "Tomentella (Basidiomycota) and related genera in temperate Eurasia" (1996).

Until now, the most complete summary on aphyllorphoroid fungi of Ukraine was the handbook by M.Ya. Zerova, G.G. Radzievsky, and S.V. Shevchenko "Identification guide to fungi of Ukraine, vol. 5, part 1" (1972). In further years a series of works devoted to mycobiota of selected areas were published, e.g. "Biodiversity of Carpathian Biosphere Reserve" (Dudka *et al.*, 1997), "Annotated checklist of Crimean macromycetes" (Sarkina, 2001). These works have sufficiently supplemented the data on fungal diversity on these areas.

In 1996 the generalized digest "Fungi of Ukraine. A preliminary checklist" was issued by the mycologists of M.G. Kholodny Institute of Botany with assistance of CAB International Bioscience (Minter, Dudka, 1996). The data on aphyllorphoroid fungi as geography, substrata, dates of earliest records, included in this work, were based on the M.G. Kholodny Institute of Botany Herbarium (KW). The important information from this book is reference (inventory) numbers helping to trace the aphyllorphoroid specimens in KW herbarium. This herbarium is the largest fungal collection in Ukraine. The collections of M.Ya. Zerova, G.G. Radzievsky, S.P. Wasser, T.P. Tribun, I.M. Soldatova, M.F. Smitskaya, S.F. Morochkovs'kyi and others are deposited there. The preliminary checklist of the fungi of Ukraine had the large guiding significance for our work.

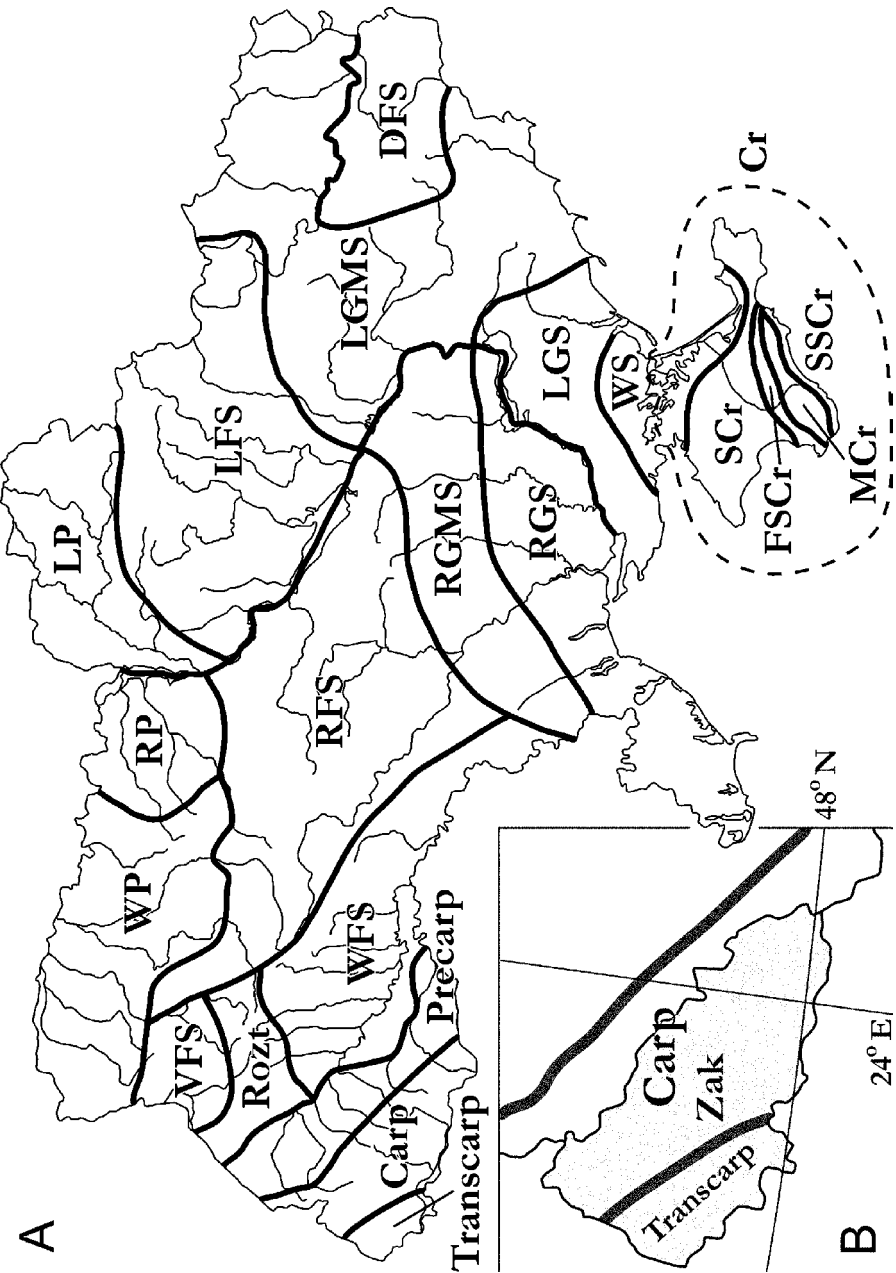
Format of the list

Each species entry (and also entries of intraspecific units) consists of the next consequence of data separated by signs "/" or "—": **Latin name** of the taxon — *Synonym(s)* under which the taxon was published for Ukraine or marked in herbarium⁵ / Reference herbarium number(s), if available / Name(s) of author(s) and year of the earliest publication of the taxon for Ukraine / distribution in natural regions of Ukraine (see below); the regions are arranged in the order from the West to the East and from the North to the South (with numbered literature references in brackets).⁶

Identifications of species were carried out using modern taxonomic literature (e.g. Eriksson, Ryvarden, 1973, 1975, 1976; Eriksson *et al.*, 1978, 1981, 1984; Davydkina, 1980; Jülich, Stalpers, 1980; Bondartseva, Parmasto, 1986; Hjortstam *et al.*, 1987, 1988; Kõljalg, 1996; Bondartseva, 1998; Nuñez, Ryvarden, 2000, 2001).

⁵ The varieties and forms of a species which are perhaps not exceed the bounds of unheritable variability are typed in italics in the main species paragraph together with synonyms.

⁶ The numbers of sources from which the geographical position of species locality was unclear in respect to natural regions, are printed in italics, e.g. separately — (33), or in a string with other sources — (1, 33, 55).



The taxa are arranged following the system accepted in the 9th edition of Ainsworth and Bisby's dictionary of the fungi (Kirk *et al.*, 2001). Spelling of full and abbreviated forms of authors names of fungal taxa are following Kirk and Ansell (1992). The author's names which are absent in Kirk and Ansell's work and thus could not verified by us, are given in inverted commas (' ') in the form published in studied literature sources. The degree of floristic newness of finds we determined by analysis of original publications. Unfortunately many of species in the checklist are still known for us only from literature because of the appropriate collections are lost or inaccessible, and so the single way was to rely upon the qualification of the author of a find. The species published for Ukraine for the first time are marked in the checklist with asterisk "*".

The species were distributed in natural regions of Ukraine following botanic-geographical (geobotanical) division of the territory (Fig. 1 A; Zerova *et al.*, 1972: 223). For naming of the regions (districts) in the text the next abbreviations are used:

- WP** — Western Polissya;
- RP** — Right Bank Polissya;
- LP** — Left Bank Polissya;
- VFS** — Volynska Forest-Steppe (Volyn' Forest-Steppe);
- Rozt** — Forests of Roztochchya and Opil'le;
- Transcarp** — Transcarpathian region (Transcarpathians, Transcarpathia, Zakarpattya);
- Carp** — Carpathians;
- Precarp** — Precarpathian region (Precarpathians, Prykarpattya);
- WFS** — Western Forest-Steppe;
- RFS** — Right Bank Forest-Steppe;
- LFS** — Left Bank Forest-Steppe;
- RGMS** — Right Bank Gramineous-Meadow Steppe;
- LGMS** — Left Bank Gramineous-Meadow Steppe;
- DFS** — Donetsk (Donets'k) Forest-Steppe;
- RGS** — Right Bank Gramineous Steppe;
- LGS** — Left Bank Gramineous Steppe;
- WS** — Wormwood Steppe;
- SCr** — Steppe Crimea;
- FSCr** — Forest-Steppe Crimea;
- MCr** — Mountain Crimea;
- SSCr** — South Seaside of Crimea.

In some cases other names for regions were used, depending on the exactness of literature data — Crimean Peninsula ("Cr"), "Podol'e", "Western Ukraine", "Ukraine".

In Nikolajeva (1961) and Davydkina (1980) the distribution of species is given in

← **Fig. 1.** Geobotanical division of Ukraine (A; means of abbreviations are as indicated above) and comparison of the boundaries of Zakarpats'ka oblast (Zak) and Carpathian and Transcarpathian regions (B).

frameworks of floristic division of the USSR. From these sources we taken the data belonged to Verkhnedneprovskii, Srednedneprovskii, Prichernomorskii, and Crimean floristic districts, which are for the most part overlap with Ukraine. The correlation of Ukraine and districts of the "Flora of the USSR" is shown on Fig. 2.

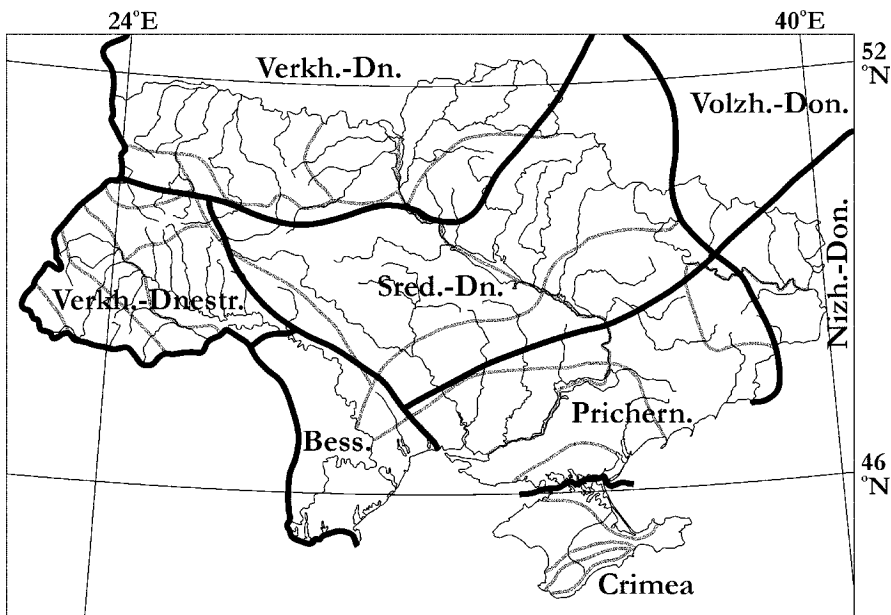


Fig. 2. Comparison of geobotanical division of Ukraine with floristic districts according to "Flora of the USSR". Floristic districts: **Verkh.-Dn.** — Verkhne-Dneprovskii (Upper Dnieper), **Verkh.-Dnestr.** — Verkhne-Dnestrovskii (Upper Dnestr), **Sred.-Dn.** — Sredne-Dneprovskii (Middle Dnieper), **Volzh.-Don.** — Volzhsko-Donskoi, **Bess.** — Bessarabskii, **Prichern.** — Prichernomorskii (Near Black Sea District), **Nizh.-Don.** — Nizhne-Donskoi (Low Don), **Crimea** — Crimean District.

Taxonomic structure of the biota of aphylophoroid fungi of Ukraine

Based on data of literature and examined herbarium specimens, biota of aphylophoroid fungi of Ukraine is represented by 461 species, 171 genera,⁷ 36 families, and 7 orders of the class Hymenomycetes, phylum Basidiomycota (Tab. 1).

Polyporaceae and Hymenochaetaceae are the most species-rich and common for Ukraine. Such character of distribution is explained by the variety of life forms and modes of nutrition (obligate saprobes, facultative parasites, etc.). The second place

⁷ Including 162 valid genera and 9 additional genera from the group of dubious species and names of unclear application.

Tab. 1. — Taxonomic structure of the biota of aphyllophoroid fungi of Ukraine

Order	Familia	Number of species	% of biota
Agaricales	Fistulinaceae	1	0.2
	Marasmiaceae	2	0.4
	Schizophyllaceae	6	1.3
Boletales	Coniophoraceae	11	2.4
Cantharellales	Botryobasidiaceae	6	1.3
	Hydnaceae	1	0.2
Hymenochaetales	Hymenochaetaceae	50	10.8
	Schizoporaceae	25	5.4
Polyporales	Albatrellaceae	3	0.7
	Atheliaceae	12	2.6
	Boreostereaceae	2	0.4
	Corticaceae	4	0.9
	Cyphellaceae	5	1.1
	Cystostereaceae	2	0.4
	Fomitopsidaceae	23	5.0
	Ganodermataceae	3	0.7
	Gloeophyllaceae	5	1.1
	Hapalopilaceae	19	4.1
	Hyphodermataceae	10	2.2
	Meripilaceae	18	3.9
	Meruliaceae	25	5.4
	Phanerochaetaceae	15	3.3
	Podoscyphaceae	2	0.4
	Polyporaceae	57	12.4
	Sistotremataceae	7	1.5
	Steccherinaceae	17	3.7
	Xenasmataceae	1	0.2
Russulales	Auriscalpiaceae	1	0.2
	Bondarzewiaceae	4	0.9
	Echinodontiaceae	1	0.2
	Hericiaceae	7	1.5
	Lachnocladiaceae	8	1.7
	Peniophoraceae	16	3.5
	Stereaceae	19	4.1
Thelephorales	Bankeraceae	10	2.2
	Thelephoraceae	28	6.1
Doubtful species		5	1.1
Taxa with unknown correct name, dubious and confused names		30	6.5
In all		461	100

with respect to species richness is occupied by the next families: Thelephoraceae, Schizoporaceae and Meruliaceae, Fomitopsidaceae, Hapalopilaceae and Stereaceae, Meripilaceae. Each of these families constitutes approximately 4–6% of biota. The third group are the families constituting about 2–4% of biota: Steccherinaceae, Pe-

niophoraceae, Phanerochaetaceae, Atheliaceae, Coniophoraceae, Hyphodermataceae and Bankeraceae.

The families Lachnocladiaceae, Hericiaceae and Sistotremataceae, Schizophyllaceae and Botryobasidiaceae, Cyphellaceae and Gloeophyllaceae constitute each about 1–2% of biota. This picture is quite naturally for Ukraine because the number of species in these families in global scale is relatively small, e.g. only 21 species in Botryobasidiaceae. The same principle remains for the families representing less than 1% of biota.

Distribution of aphyllophoroid fungi in different areas of Ukraine

The species diversity is rather unevenly studies for different natural areas of Ukraine, and varies from 1 to 314 per a region (Tab. 2). At the same time the differences in species richness is determined by variety of environmental conditions and

Tab. 2. — Number of species of aphyllophoroid fungi recorded in geobotanical regions (botanic-geographical districts) of Ukraine

Region	Number of species	% of biota
Western Polissya	79	17.1
Right Bank Polissya	168	36.4
Left Bank Polissya	207	44.9
Volyn' Forest- Steppe	12	2.6
Roztochchya	188	40.8
Transcarpathian region + SW macro-slope of the Carpathians*	314	68.1
Carpathians	223	48.4
Precarpathian region	90	19.5
Western Forest-Steppe	129	28.0
Right Bank Forest-Steppe	107	23.2
Left Bank Forest- Steppe	150	32.5
Right Bank Gramineous-Meadow Steppe	108	23.4
Left Bank Gramineous-Meadow Steppe	198	43.0
Donetsk Forest- Steppe	60	13.0
Righ Bank Gramineous Steppe	119	25.8
Left Bank Gramineous Steppe	115	24.9
Wormwood Steppe	1	0.2
Crimean Steppe	42	9.1
Crimean Forest- Steppe	26	5.6
Mountain Crimea	147	31.9
South Seaside of Crimea	36	7.8
Total Crimea**	181	39.3

Remarks: *Evidently "Transcarpatian region" in sense of a number of authors includes the part of Carpathians lying to the southwest of the main watershed line (SW macro-slope), i.e. in the boundaries of Zakarpats'ka oblast (Fig. 1 B). **Including data without mention in which of natural areas of Crimea the species were found.

types of predominating ecosystems in each region (marshy woodlands, mountain forests, steppe forest islands, steppes, etc.). The natural regions of Ukraine were ranged in four groups by the number of recorded aphyllorphoroid species (Fig. 3).

The most species-rich region is the Carpathian Mountains (including Transcarpathian region — see remark to Tab. 2), that is naturally due to high value of precipitations, high per cent of old growing forests and high portion of forested area.

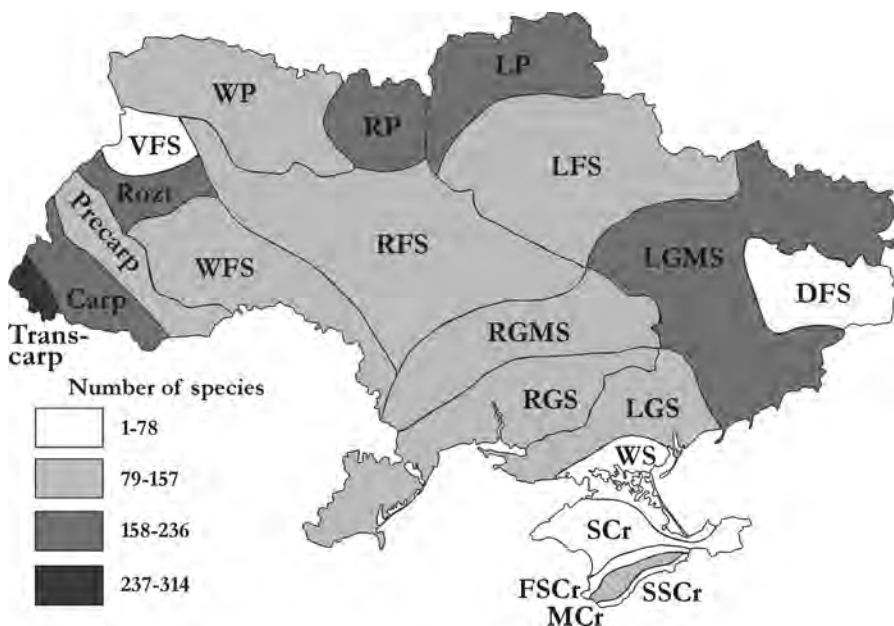


Fig. 3. Species diversity / the degree of floristic study of aphyllorphoroid fungi in geobotanical regions of Ukraine.

List of species

ORDO AGARICALES CLEM.

Fam. **Fistulinaceae** Lotsy

1. **Fistulina hepatica** (Schaeff. : Fr.) Fr. / CWU (Myc) Kh-238 / Borsčów, 1869 / WP (71, 111, 139, 174), RP (44), LP (5, 11, 31, 160, 170), Rozt (1, 4, 174), Transcarp (1, 74, 96, 174), Precarp (1, 174), WFS (48, 68, 148, 174), RFS (147, 174), LFS (10, 15, 16, 31, 159, 161), RGMS (116, 118, 120, 123, 128), LGMS (113, 116, 118, 120, 123, 128, 167), DFS (52, 117), RGS (116, 118, 119, 120, 123, 128), LGS (116, 118, 119, 120, 123, 128), MCr (7, 40, 105, 174), SSCr (105), Ukraine (19).

Fam. **Marasmiaceae** Roze ex Kühner

2. **Chaetocalathus galeatus** (Berk. et M.A. Curtis) Singer — *Phaeocyphella galeata* (Schumach.) Bourdot et Galzin / Pilát, 1940 / Transcarp (96).

3. **Merismodes anomalus** (Pers. : Fr.) Singer — *Solenia anomala* Pers.; *S. confusa* Bres. / Bobiyak, 1907 / RP (44), Rozt (4), Transcarp (96), Carp (94).

Fam. **Schizophyllaceae** Roze ex Quél.

4. **Cytidia albomellea** (Bondartsev) Parmasto — *Cytidia albomellea* Bondartsev / Zerova *et al.*, 1972 / LFS (174).

5. **Henningsomyces candidus** (Pers. ex Schleich.) Kuntze — *H. stipatus* (Pers.) Kuntze; *H. stipitatus* (Fuckel) Kuntze; *Solenia candida* Pers.; *S. stipata* Fr.; *S. stipitata* Fr. / Pilát, 1940 / Rozt (174), Transcarp (1, 96), Precarp (174), DFS (174).

6. **Porothelium fimbriatum** Pers. : Fr. — *Stromatoscypha fimbriata* (Pers. : Fr.) Donk / Pilát, 1940 / WP (174), RP (174), LP (7), Rozt (1, 174), Transcarp (1, 96), Carp (1, 174), WFS (7, 174), RFS (174), LFS (174), MCr (7, 9, 174).

7. **Rectipilus fasciculatus** (Pers.) Agerer — *Solenia fasciculata* Pers. / Bobiyak, 1907 / Rozt (1, 4).

8. **Schizophyllum amplum** (Lév.) Nakasone — *Auriculariopsis ampla* (Lév.) Maire; *Cytidia flocculenta* (Fr. : Fr.) Höhn. et Litsch.; *C. lanata* W.B. Cooke / Bondartsev, 1927 / RP (174), LP (6, 174), Transcarp (1, 96), RGMS (118, 125), LGMS (101, 118, 125, 167, 174), DFS (125, 174), RGS (118), LGS (118).

9. **Schizophyllum commune** (L. : Fr.) Fr. — *Sch. alneum* J. Schröt. / CWU (Myc) Kh-232; KW 17873, 17875, 17878, 17880, 17886, 17887, 17890, 17892, 17893, 17897, 17931, 17933, 17935, 17937, 28543-28565, 28860, 28861, 28865, 40506, 45216-45218 / Léveillé, 1842 / WP (140, 142), RP (65, 77, 85, 164, 171, 172), LP (5, 11, 32, 131, 160, 170), Rozt (4), Transcarp (1, 74), Carp (1, 36, 38, 94, 106), WFS (68), RFS (98, 147), LFS (16, 56, 57, 79, 159, 161), DFS (57, 58), RGMS (172), LGMS (101), RGS (66, 172), SCr (49, 50, 105), FSCr (105), MCr (40, 73, 105), SSCr (51), Ukraine (21).

ORDO BOLETALES E.M. GILBERT

Fam. **Coniophoraceae** Ulbr.

10. **Coniophora arida** (Fr.) P. Karst. — *C. laxa* Fr.; *C. puteana* f. *laxa* Fr. / CWU (Myc) Kh-33 / Bondartsev, 1927 / LP (6, 174), Transcarp (96), LFS (159, 161), LGMS (101).

11. **Coniophora marmorata** Desm. / Bondartseva, Parmasto, 1986 / Transcarp (9).
12. **Coniophora olivacea** (Pers. : Fr.) P. Karst. — *Coniophorella olivacea* (Pers. : Fr.) P. Karst. / Bondartsev, 1927 / LP (6, 174), Transcarp (1, 96), Carp (1, 174), RGMS (23).
13. **Coniophora puteana** (Schumach. : Fr.) P. Karst. — *C. cerebella* (Pers.) J. Schröt.; *Corticium puteanum* (Schumach. : Fr.) Sacc.; *Thelephora puteana* Schumach. : Fr. / CWU (Myc) Kh-53 / Bobiyak, 1907 / WP (174), RP (21, 85, 174), LP (6, 11, 21, 131, 160, 174), Rozt (1, 4), Transcarp (1, 96), Carp (1, 174), Precarp (21), WFS (21), RFS (147), LFS (21, 159, 161), LGMS (100, 101, 167).
14. **Jaapia ochroleuca** (Bres.) Nannf. et J. Erikss. / Bondartseva, Parmasto, 1986 / Transcarp (9).
15. **Leucogyrophana mollusca** (Fr. : Fr.) Pouzar — *Merulius molluscus* Fr. : Fr. / Hizhyts'ka, 1929 / RP (44, 85, 174), Precarp (1, 174).
16. **Leucogyrophana pinastri** (Fr. : Fr.) Ginns et Weresub — *Merulius pinastri* (Fr. : Fr.) Burt / Demikhovs'ka, 1959 / Ukraine (21).
17. **Leucogyrophana pulverulenta** (Sowerby : Fr.) Ginns — *Merulius minor* Falck in Möller / Demikhovs'ka, 1959 / Ukraine (21).
18. **Pseudomerulius aureus** (Fr. : Fr.) Jülich — *Merulius aureus* Fr. : Fr. / CWU (Myc) S-41 / Hizhyts'ka, 1929 / RP (44, 174), LP (160), Transcarp (1, 96), Carp (1, 174).
19. **Serpula himantioides** (Fr. : Fr.) P. Karst. / KW 18027 / Soldatova, 1985 / LP (132).
20. **Serpula lacrymans** (Wulfen in Jacq. : Fr.) J. Schröt. — *Merulius lacrymans* (Wulfen. : Fr.) Schumach.; *Gyrophana lacrymans* (Wulfen : Fr.) Pat. / CWU (Myc) Kh-37 / Borsčow, 1869 / WP (21, 174), RP (21, 42, 174), LP (11, 21, 170), Rozt (1, 4, 174), Transcarp (1, 96), Carp (174), Precarp (21, 174), WFS (21), RFS (21, 174), LFS (21, 159, 161), RGMS (118, 121), LGMS (121, 118, 167), DFS (174), LGS (34, 118, 121), RGS (121, 118, 174), Cr (105, 174).

ORDO CANTHARELLALES GÄUM.

Fam. **Botryobasidiaceae** (Parmasto) Jülich

21. **Botryobasidium conspersum** J. Erikss. / Prydiuk, 2000 / LGMS (101).
22. **Botryobasidium laeve** (J. Erikss.) Parmasto / Isikov, 1988 / SSCr (51).
23. **Botryobasidium pruinatum** (Bres.) J. Erikss. — *Corticium coronatum* (J. Schröt.) Sacc. / Pilát, 1940 / Transcarp (1, 96).
24. **Botryobasidium subcoronatum** (Höhn. et Litsch.) Donk — *Corticium subcoronatum* Höhn. et Litsch. / Bondartsev, 1927 / LP (6, 174), Transcarp (1, 96), Carp (1, 174), RGMS (125), LGMS (167).
25. **Botryobasidium vagum** (Berk. et M.A. Curtis) D.P. Rogers — *Corticium botryosum* Bres.; *C. vagum* Berk. et M.A. Curtis / Hizhyts'ka, 1929 / RP (44, 174), Transcarp (1, 96), Carp (1, 174), LGMS (101, 174), SCr (49, 50).

26. **Botryohypochnus isabellinus** (Fr. : Fr.) J. Erikss. — *Hypochnus isabellinus* Fr. : Fr.; *Tomentella isabellina* (Fr. : Fr.) Höhn. et Litsch. / KW 17941 / Bobiyak, 1907 / LP (6, 174), Rozt (1, 4, 174), Transcarp (1, 96), Carp (1, 174), LGMS (167).

Fam. **Hydnaceae** Chevall.

27. **Hydnum repandum** L. : Fr. [incl. *H. rufescens* Fr.]¹ / KW 18675, 45292–45294 / Borsčow, 1869 / WP (135, 143, 174), RP (44, 174), LP (11, 131, 170, 174), Rozt (174), Transcarp (96, 108), Carp (174), Precarp (174), WFS (88, 148, 174), RFS (88, 147), LFS (88, 174), RGMS (122), LGMS (122, 167), RGS (122), LGS (122), MCr (105), SSCr (105).

f. **albidum** Peck / Solomakhina, 1998 / RFS (147).

ORDO **HYMENOGASTRUM** OBERW.

Fam. **Hymenochaetaceae** Donk

28. **Coltricia cinnamomea** (Jacq. ex Pers.) Murrill — *Polyporus cinnamomeus* Jacq. ex Pers. / Bobiyak, 1907 / Rozt (1, 4, 174), Transcarp (1, 7, 9, 108), Precarp (1, 174), RGMS (122), LGMS (122, 167), RGS (122), LGS (122).

29. **Coltricia fomicola** (Berk. et M.A. Curtis) Murrill — *C. perennis* var. *fomicola* (Berk. et M.A. Curtis) Pilát; *Polystictus perennis* f. *fomicola* 'B. et Svid.' / Pilát, 1940 / Transcarp (1, 7, 96), LGS (118, 122).

30. **Coltricia perennis** (L. : Fr.) Murrill — *Polyporus pictus* Schultz; *Polystictus perennis* (L. : Fr.) P. Karst. / CWU (Myc) Kh-263; KW 40891 / Borsčow, 1869 / WP (140, 174), RP (42, 162, 174), LP (11, 131, 160, 170, 174), VFS (174), Rozt (4), Transcarp (1, 96), Precarp (1, 174), RFS (145, 147), LFS (159, 161), RGMS (118, 122), LGMS (101, 118, 122, 167), RGS (118, 122).

31. **Fomitiporia hartigii** (Allesch. et Schnabl) Fiasson et Niemelä — *Phellinus hartigii* (Allesch. et Schnabl) Bondartsev / Bondartsev, 1953 / Transcarp (1, 7, 9, 107, 108, 109, 154), Carp (1, 174, 154, 157), Precarp (1, 174), RGMS (128), LGMS (114, 128, 167), RGS (128), LGS (128).

32. **Fomitiporia punctata** (P. Karst.) Murrill — *Phellinus friesianus* (Bres.) Bourdot et Galzin; *Phellinus punctatus* (P. Karst.) Pilát / KW 18401, 18405, 18937–18950 / Pilát, 1940 / WP (174), VFS (174), Rozt (1, 174), Transcarp (1, 74, 96), Carp (1, 24), Precarp (1, 174), LGMS (167), RGS (119), LGS (119), MCr (105), SSCr (51, 54, 105, 174).

33. **Fomitiporia robusta** (P. Karst.) Fiasson et Niemelä — *Fomes robustus* P. Karst.; *Phellinus robustus* (P. Karst.) Bourdot et Galzin; *Ph. robustus* f. *aceris* Bondartsev; *Ph. robustus* f. *sterilis* Pilát / CWU (Myc) Kh-243; KW 18953, 18954, 18957, 18972, 18974, 18975, 18963, 18968, 18992, 18999 / Gutsevich, 1940; Pilát, 1940 / WP (137, 138, 139, 143, 174), RP (174), LP (7, 174, 160), Rozt (1, 174), Transcarp (1, 96, 174), Carp (155), Precarp (1, 174), WFS (7, 174), RFS (145, 147), LFS (15, 16, 159, 161),

¹ The wide species concept of *Hydnum repandum* accepted in this work entirely takes up the species concept of *H. rufescens*.

RGMS (115, 116, 128), LGMS (113, 115, 116, 128, 167), DFS (117), RGS (115, 116, 119, 128), LGS (115, 116, 119, 128, 165), FSCr (7), MCr (7, 40, 105, 174), SCr (12).

f. **spiraee** Bondartsev / Wasser, Soldatova, 1977 ('spirea') / LGMS (167).

34. **Fuscoporia contigua** (Pers. : Fr.) G. Cunn. — *Phellinus contiguus* (Pers. : Fr.) Pat.; *Polyporus contiguus* Pers. : Fr.; *Poria contigua* (Pers. : Fr.) P. Karst. / CWU (Myc) Kh-187; KW 17712, 17713 / Bobiyak, 1907 / RP (174), LP (7), Rozt (1, 4), Transcarp (1, 74), WFS (7, 174), RFS (174), LFS (159), RGMS (116, 133), LGMS (113, 116, 133, 167), DFS (52, 117), RGS (116, 133), LGS (116, 133), MCr (7, 105, 174), Ukraine (21).

35. **Fuscoporia ferrea** (Pers.) G. Cunn. — *Phellinus ferreus* (Pers.) Bourdot et Galzin / CWU (Myc) Cr-34, / Pilát, 1940 / Transcarp (1, 7, 9, 96), Carp (1, 174), LGMS (101), SCr (Bakhchisarai district, Manhup Mt., on still-attached branches of *Cornus* sp., coll. A.Yu. Akulov, A.S. Usichenko IV 2002).

36. **Fuscoporia ferruginosa** (Schrاد. : Fr.) Murrill — *Phellinus ferruginosus* (Schrاد. : Fr.) Pat.; *Polyporus ferruginosus* Schrاد. : Fr.; *Poria ferruginosa* (Schrاد. : Fr.) P. Karst. / CWU (Myc) Kh-264; KW 17659 / Lévillé, 1842 / Rozt (1, 4), Transcarp (1, 7, 96), Carp (1, 174), Precarp (1, 174), WFS (148, 174), LFS (Kharkiv City, forest park "Sarzhin Yar", on still-attached branches of *Robinia* sp., coll. A.Yu. Akulov, A.S. Usichenko VIII 2002), RGMS (118), LGMS (101, 118), DFS (117), RGS (118, 119), LGS (118, 119), MCr (7, 40, 73, 105, 174).

37. **Fuscoporia viticola** (Schwein. : Fr.) Murrill — *Phellinus isabellinus* (Fr.) Bourdot et Galzin; *Ph. viticola* (Schwein. : Fr.) Donk / Bondartsev, 1953 / Transcarp (1, 7, 9), Carp (1, 174).

38. **Hymenochaete cinnamomea** (Pers. : Fr.) Bres. — *H. cinnamomea* f. *arida* (P. Karst.) Pilát; *Hypochnus cinnamomeus* (Pers. : Fr.) Bonord.; / Bobiyak, 1907 / LP (174), Rozt (1, 4), Transcarp (1, 9, 96), Carp (1, 174), LGMS (167).

39. **Hymenochaete corrugata** (Fr. : Fr.) Lév. — *Corticium corrugatum* (Fr. : Fr.) Fr. / Bobiyak, 1907 / Rozt (1, 4, 9), Transcarp (1, 9, 74, 96), Carp (1, 174).

40. **Hymenochaete cruenta** (Pers. : Fr.) Donk — *H. mougeotii* Cooke / Bondartsev, 1926 / RP (44), Transcarp (1, 9, 96), Carp (1, 174), Precarp (1, 174), LGMS (167).

41. **Hymenochaete fuliginosa** (Pers.) Lév. — *H. subfuliginosa* Bourdot et Galzin / Pilát, 1940 / Transcarp (1, 9, 96), Cr (9).

42. **Hymenochaete rubiginosa** (Dicks. : Fr.) Lév. — *H. ferruginea* (Bull.) Massee; *Stereum rubiginosum* (Dicks. : Fr.) Fr. / CWU (Myc) Kh-186; KW 2203–2210 / Bobiyak, 1907 / RP (44, 174), LP (6, 131, 160, 170, 174), Rozt (4), Transcarp (1, 74, 96), Carp (1, 94, 174), Precarp (1, 174), RFS (98, 147), LFS (15, 16, 159, 161, 174), RGMS (23, 116, 118, 120, 123, 133), LGMS (101, 113, 116, 118, 120, 123, 133, 167), DFS (117), RGS (116, 118–120, 123, 133), LGS (116, 118–120, 123, 133), SCr (12), FSCr (174), MCr (40, 174).

43. **Hymenochaete tabacina** (Sowerby : Fr.) Lév. — *Stereum avellanum* (Fr. : Fr.) Fr.; *S. tabacinum* (Sowerby : Fr.) Fr. / CWU (Myc) S-44 / Borsčow, 1869 / RP (174), LP (6, 11, 160, 174), Rozt (1, 4), Transcarp (1, 96), Carp (1, 174), LFS (159, 161), RGMS (118), LGMS (118, 167), RGS (118), LGS (118).

44. **Inocutis dryophila** (Berk.) Fiasson et Niemelä — *Inonotus dryophilus* (Berk.) Murrill; *Polyporus dryophilus* Berk. / KW 17957, 17959 / Gutsevich, 1940 / WP (174), RP (174), LP (7), Transcarp (174), Precarp (1, 174), WFS (7, 174), RFS (174), LFS (174),

LGMS (167), RGS (119, 174), LGS (119), SCr (12), FSCr (105, 174), MCr (7, 40, 105, 174), Cr (9), Ukraine (21).

45. **Inocutis rheades** (Pers.) Fiasson et Niemelä — *Inonotus rheades* (Pers.) Bondartsev et Singer; *Polyporus vulpinus* Fr. / KW 9974, 17951 / Bobiyak, 1907 / WP (174), RP (44, 174), LP (170, 174), Rozt (1, 4), Transcarnp (109), Carnp (1, 174), RGS (119), LGS (119), SCr (50).

46. **Inocutis tamaricis** (Pat.) Fiasson et Niemelä — *Inonotus tamaricis* (Pat.) Maire / KW 17953 / Bondartsev, 1953 / LGMS (167), SCr (105), MCr (7, 9), SScr (105, 174).

47. **Inonotus andersonii** (Ellis et Everh.) Černý — *Mucronoporus andersonii* Ellis et Everh. / KW 18346, 18885 / Solomakhina, 1957 / WP (137).

48. **Inonotus cuticularis** (Bull. : Fr.) P. Karst. — *Polyporus cuticularis* Bull. : Fr. / Bobiyak, 1907 / RP (77), Rozt (1, 4, 150, 174), Transcarnp (1, 7, 9, 96), Carnp (1, 174), WFS (7, 174), RFS (174), RGMS (118), LGMS (118, 167), RGS (118), LGS (118), MCr (7, 9, 105, 174), Cr (21).

49. **Inonotus dryadeus** (Pers. : Fr.) Murrill — *Polyporus dryadeus* Pers. : Fr.; *P. pseudoigniarius* (Bull.) Chevall. / KW 18602 / Léveillé, 1842 / WP (71), RP (174), LP (5, 11), Rozt (1, 4, 174), Transcarnp (1, 174), Precarnp (1, 174), WFS (7), LGMS (167), SCr (12), MCr (7, 9, 73, 105, 174).

50. **Inonotus glomeratus** (Peck) Murrill / Lovas, 2000 / Transcarnp (1, 74).

51. **Inonotus hastifer** Pouzar — *I. polymorphus* (Rostk.) Pilát / Pilát, 1940 / Transcarnp (1, 7, 9, 96).

52. **Inonotus hispidus** (Bull. : Fr.) P. Karst. — *Polyporus hispidus* Bull. : Fr. / KW 18596 / Bobiyak, 1907 / RP (65), Rozt (1, 4), Transcarnp (1, 74, 96, 174), Precarnp (1, 174), WFS (174), RFS (174), RGMS (115, 120, 123), LGMS (115, 120, 123, 167), DFS (117, 174), RGS (115, 119, 120, 123), LGS (115, 119, 120, 123), SCr (12, 49, 50), MCr (7, 9, 40, 105), SScr (51, 105, 163, 174).

53. **Inonotus leporinus** (Fr.) Gilb. et Ryvarden — *Inonotus circinatus* (Fr.) Gilb.; *Onnia leporina* (Fr.) H. Jahn; *Polyporus circinatus* (Fr.) Fr.; *Polystictus circinatus* (Fr.) P. Karst. / Yavorskii, 1915 / RP (174), LP (7, 170), WFS (7), RFS (174).

54. **Inonotus nidus-pici** (Pilát) Pilát / Bondartsev, 1953 / MCr (7, 9).

55. **Inonotus nodulosus** (Fr.) P. Karst. — *I. radiatus* var. *nodulosus* (Fr.) Quél.; *I. radiatus* f. *resupinatus* Bourdot et Galzin / KW 45193, 45194 / Bobiyak, 1907 / WP (174), RP (174), LP (174), Rozt (1, 4, 174), Transcarnp (1, 7, 9), Carnp (1, 36, 38), WFS (7, 9, 174), RGS (174), SCr (50), MCr (7, 9, 174).

56. **Inonotus obliquus** (Pers. : Fr.) Pilát — *Polyporus obliquus* Pers. : Fr.; *Poria obliqua* (Pers. : Fr.) P. Karst. / CWU (Myc) Kh-239 / Bobiyak, 1907 / WP (137, 140, 142, 174), RP (174), LP (7, 174), Rozt (1, 4), Transcarnp (1, 74), Carnp (1, 174), Precarnp (1, 174), WFS (7, 174), LFS (159, 161), LGMS (167), MCr (7, 40, 105, 174).

57. **Inonotus radiatus** (Sowerby : Fr.) P. Karst. — *Polyporus fuscoluteus* Focke; *P. illinoisensis* D.V. Baxter; *P. radiatus* Sowerby : Fr. / KW 28766, 28767, 40335 / Bobiyak, 1907 / LP (7, 170), Rozt (1, 4, 150), Transcarnp (1, 74, 96), WFS (7), LFS (57), RGMS (116, 133), LGMS (101, 116, 133, 167), RGS (66, 116, 119, 133), LGS (116, 119, 133), SCr (49, 105), MCr (40, 105).

58. **Inonotus tomentosus** (Fr. : Fr.) Teng — *Mucronoporus tomentosus* (Fr. : Fr.) Ellis et Everh.; *Polyporus tomentosus* Fr.; *Polystictus tomentosus* Fr. : Fr. / Hizhyts'ka, 1929 / RP (44, 130), LP (130, 131, 174), Carp (1, 174), RGMS (122, 130), LGMS (122, 130, 167), RGS (122, 130), LGS (122, 130).

59. **Inonotus triqueter** (Fr.) P. Karst. — *Polystictus circinatus* var. *triqueter* Bres. / Bondartsev, 1953 / Ukraine (7).

60. **Phellinidium ferrugineofuscum** (P. Karst.) Fiasson et Niemelä — *Phellinus ferrugineofuscus* (P. Karst.) Bourdot et Galzin / KW 17655 / Pilát, 1940 / Transcarp (1, 7, 9, 96), Carp (1, 174), RGMS (121, 128), LGMS (121, 128, 167), RGS (121, 128), LGS (121, 128).

61. **Phellinidium pouzarii** (Kotl.) Fiasson et Niemelä — *Phellinus pouzarii* Kotl. / Bondartseva, Parmasto, 1986 / Carp (9).

62. **Phellinus alni** (Bondartsev) Parmasto — *Ph. igniarius* f. *alni* Bondartsev; *Ph. igniarius* f. *sorbi* Bondartsev / Gutsevich, 1940 / Transcarp (1, 74), RGMS (116), LGMS (116, 167), RGS (116), LGS (116), MCr (40), Ukraine (174).

63. **Phellinus conchatus** (Pers. : Fr.) Quél. — *Ph. salicinus* (Pers.) Quél. ss. Bourdot et Galzin; *Polyporus salicinus* (Pers. : Fr.) Fr., 1821 non Pers., 1825; *P. conchatus* Pers. : Fr. / Borsc'ow, 1869 / RP (174), LP (7, 11), Rozt (1, 4, 174), Transcarp (1, 7, 74, 96), Carp (1, 174), WFS (7), MCr (105).

64. **Phellinus igniarius** (L. : Fr.) Quél. — *Fomes igniarius* L. : Fr.; *Polyporus igniarius* L. : Fr. / KW 17673, 17675, 17677, 17678, 17680, 17681, 18893, 18894, 18895, 18899 / Bobiyak, 1907 / WP (71, 137, 138, 140, 142, 174), RP (44, 65, 85, 174), LP (5, 131, 160, 170), Rozt (1, 4, 174, 150), Transcarp (1, 74, 96), Carp (1, 24, 106, 174), Pre-carp (1, 158, 174), WFS (48, 68, 174), RFS (3, 98, 145, 147, 174), LFS (10, 31, 57, 157, 159, 161, 174), RGMS (23, 115, 116, 120, 123, 133), LGMS (100, 101, 113, 115, 116, 120, 123, 133, 157, 167), DFS (52, 57, 78, 117), RGS (115, 116, 120, 123, 133), LGS (115, 116, 120, 123, 133), SCr (12, 49, 50, 105), FScR (105, 174), MCr (105, 174), Ukraine (21).

f. **betulae** Bondartsev / Zerova *et al.* 1972 / Ukraine (174).

f. **juglandis** 'Bub.' / Zerova *et al.*, 1972 / Ukraine (174).

f. **salicis** Bondartsev / Morochkovs'ka, 1965 / RP (77), RGMS (118), LGMS (118), DFS (78), RGS (118), LGS (118).

65. **Phellinus laevigatus** (P. Karst.) Bourdot et Galzin — *Polyporus laevigatus* Fr. / Yavorskii, 1915 / LP (170), MCr (7, 105, 174).

66. ***Phellinus lundellii** Niemelä — CWU (Myc) S(P)-8 / LP (Sumy oblast, near Znob'-Novhorods'ky settlement, leaf forest, on still-attached twigs of *Salix* sp., coll. A.Yu. Akulov, A.S. Usichenko VIII 2001).

67. **Phellinus nigricans** (Fr.) P. Karst. — *Fomes nigricans* Fr. / CWU (Myc) Kh-240 / Kuda, 1926 / WP (71), RP (65), LP (160), Transcarp (1, 96), LFS (159, 161), LGMS (167).

68. **Phellinus populicola** Niemelä — *Ochroporus populicola* (Niemelä) Niemelä / CWU (Myc) Kh-242 / Akulov, Usichenko, 2001 / LP (160), LFS (159, 161).

69. **Phellinus rimosus** (Berk.) Pilát / Bondartsev, 1953 / MCr (7, 9), SScR (51, 105), Cr (174).

70. **Phellinus robiniae** (Murrill) A. Ames — *Ph. robustus* f. *robinia* Bondartsev / Wasser, Soldatova, 1977 / LGMS (167).

71. **Phellinus torulosus** (Pers.) Bourdot et Galzin — *Fomes torulosus* (Pers.) Lloyd; *Polyporus torulosus* (Pers.) Pers. / CWU (Myc) Kh-128; KW 18312–18317, 19003–19011, 19013–19020 / Gutsevich, 1940 / RP (77), Transcarp (1, 74), LFS (159), RGMS (115, 120, 123), LGMS (115, 120, 123, 126, 167), RGS (115, 119, 120, 123), LGS (115, 119, 120, 123), SCr (12), FSCr (105, 174), MCr (7, 40, 105, 174), SSCr (54, 105, 174).

f. **arbuti** Bondartseva, Parmasto, 1986 / Bondartseva, 1986 / Cr (9).

f. **laurocerasi** Bondartsev / Vasil'eva-Pupysheva, 1958 / SSCr (163).

f. **oleae** Bondartseva / Bondartseva, Parmasto, 1986 / Cr (9).

f. **subfloccosus** Bourdot et Galzin / KW 18313 / Wasser, Soldatova, 1977 / LGMS (167).

72. **Phellinus tremulae** (Bondartsev) Bondartsev et Borissov — CWU (Myc) Kh-244 / Smitskaya, 1955 / WP (137), LP (14, 160), Transcarp (1, 74, 107, 109), RFS (145, 147), LFS (159, 161), RGMS (118), LGMS (118, 167), RGS (118, 119), LGS (118, 119), FSCr (105), MCr (105).

73. **Phellinus tuberculosus** (Baumg.) Niemelä — *Fomes fulvus* (Scop.) Bres.; *Ph. fulvus* (Bres.) Pat.; *Ph. pomaceus* (Pers.) Maire; *Polyporus fulvus* Scop. / CWU (Myc) Kh-245; KW 18951, 28016–28018, 28833, 28834, 40261 / Bobiyak, 1907 / WP (137, 174), RP (44, 65, 77, 164, 174), LP (160, 170, 174), Rozt (1, 4, 174), Transcarp (1, 96, 109), Carp (1, 174), Precarp (158), WFS (7, 68, 148, 174), RFS (145, 147), LFS (10, 31, 56, 57, 174, 159, 161), RGMS (115, 116, 118, 133, 172, 174), LGMS (115, 116, 118, 133, 167, 174), DFS (57), RGS (102, 115, 116, 118, 133, 174), LGS (13, 115, 116, 118, 133, 174), SCr (16, 49, 50, 105), FSCr (105, 174), MCr (40, 105, 174).

f. **crataegi** D.V. Baxter / Wasser, Soldatova, 1977 / LGMS (167).

74. **Phellopilus nigrolimitatus** (Romell) Niemelä, Wagner et Fischer — *Phellinus nigrolimitatus* (Romell) Bourdot et Galzin; *Phellinus nigrolimitatus* f. *spongiosa* Murrill / Pilát, 1940 / Transcarp (1, 7, 96), Carp (1, 174).

75. **Phylloporia ribis** (Schumach. : Fr.) Ryvarden — *Fomes ribis* Schumach. : Fr.; *Phellinus ribis* (Schumach. : Fr.) Quél.; *Phellinus ribis* f. *arbuti* Jacz.; *Phellinus ribis* f. *evonymi* (Kalchbr.) Bourdot et Galzin; *Polyporus evonymi* Kalchbr.; *P. ribis* Schumach. : Fr. / Bobiyak, 1907 / RP (174), LP (170), Rozt (1, 4, 174), Carp (1, 158), Precarp (1, 174), WFS (148, 174), LGMS (100, 101, 167), DFS (52), SCr (50), MCr (7), Cr (9).

76. **Porodaedalea chrysoloma** (Fr.) Fiasson et Niemelä — *Inonotus abietis* (P. Karst.) Pilát; *Ph. pini* var. *abietis* (P. Karst.) Pilát; *Trametes abietis* P. Karst. / Pilát, 1940 / Transcarp (1, 96), Carp (1, 155), MCr (7), Ukraine (21).

77. **Porodaedalea pini** (Brot. : Fr.) Murrill — *Phellinus pini* (Brot. : Fr.) A. Ames; *Trametes pini* Thore : Fr. / CWU (Myc) Kh-241 / Bobiyak, 1907 / WP (71, 137, 138, 141, 143, 174), RP (44, 174), LP (5, 131, 160, 170, 174), Rozt (1, 4, 174), Transcarp (1, 107), Carp (1, 37, 38, 106, 174), WFS (174), RFS (145, 147), LFS (159, 161), RGMS (118), LGMS (118, 167), DFS (52), RGS (118), LGS (118), MCr (40, 105, 174), SSCr (105, 152, 174), Ukraine (21).

Fam. **Schizoporaceae** Jülich

78. **Basidioradulum quercinum** (Pers. : Fr.) H. Furuk. — *Hydnum fallax* (Fr. : Fr.) Fr.; *Hyphodontia quercina* (Pers. : Fr.) J. Erikss.; *Odontia fallax* (Fr. : Fr.) Quél.; *Radulum quercinum* (Pers. : Fr.) Fr. / Bobiyak, 1907 / RP (44), LP (170), Rozt (4), Transcarp (1, 96), Carp (1, 174), Precarp (1, 174), WFS (88), LGMS (167), MCr (40), Cr (88, 174).

79. **Basidioradulum radula** (Fr. : Fr.) Nobles — *Hyphoderma radula* (Fr. : Fr.) Donk; *Radulum orbiculare* Fr. : Fr. / Bobiyak, 1907 / RP (174), Rozt (1, 4, 174), Transcarp (1, 96), Carp (1, 174), LGMS (167), MCr (53).

80. **Basidioradulum tuberculatum** (Berk. et M.A. Curtis) Hjortstam — *Radulum pendulum* Fr. : Fr. / Hizhyts'ka, 1929 / WP (139), RP (44).

81. **Hyphodontia abieticola** (Bourdot et Galzin) J. Erikss. — *Odontia abieticola* (Bourdot et Galzin) S. Lundell / Pilát, 1940 / Transcarp (1, 96).

82. **Hyphodontia alutacea** (Fr.) J. Erikss. — *Odontia alutacea* (Fr. : Fr.) Quél. / Pilát, 1940 / Transcarp (1, 96), Carp (1, 174), Precarp (1, 174), WFS (88).

83. **Hyphodontia arguta** (Fr. : Fr.) J. Erikss. — *Hyphodontia stipata* (Fr. : Fr.) Gilb.; *Odontia alutacea* Bres., 1897 non (Fr. : Fr.) Quél., 1888; *O. arguta* (Fr. : Fr.) Quél.; *O. arguta* f. *spathulata* (Fr.) Wakef. / Pilát, 1940 / WP (174), RP (174), LP (174), VFS (174), Rozt (1, 174), Transcarp (1, 96), Carp (1, 174), Precarp (1, 174), WFS (88, 174), RFS (88, 174), LFS (88, 174), Cr (88, 174).

84. **Hyphodontia aspera** (Fr.) J. Erikss. — *Odontia aspera* (Fr.) Bourdot et Galzin / Pilát, 1940 / Transcarp (1, 96), Carp (1, 174), Precarp (1, 174), WFS (88).

85. **Hyphodontia barba-jovis** (Bull. : Fr.) J. Erikss. — *Odontia barba-jovis* (Bull. : Fr.) Fr. / CWU (Myc) Kh-158 / Bobiyak, 1907 / WP (174), RP (174), LP (174), VFS (174), Rozt (1, 4, 174), Transcarp (1, 96), Carp (1, 174), Precarp (1, 174), WFS (88, 174), RFS (88, 174), LFS (88, 159, 174), LGMS (101, 174).

86. **Hyphodontia breviseta** (P. Karst.) J. Erikss. — *Odontia lactea* (P. Karst.) P. Karst. / CWU (Myc) Kh-97 / Pilát, 1940 / Transcarp (1, 96), Carp (1, 174), Precarp (1, 174), WFS (88), LFS (159), LGMS (167).

87. **Hyphodontia bugellensis** (Ces.) J. Erikss. — *Odontia bugellensis* Ces. / Niko-lajeva, 1961 / Cr (88).

88. **Hyphodontia crustosa** (Pers. : Fr.) J. Erikss. — *Grandinia crustosa* (Pers. : Fr.) Fr.; *H. albicans* (Pers.) Parmasto; *Odontia albicans* (Pers.) L.W. Mill. et J.S. Boyle; *O. crustosa* Pers. : Fr. / CWU (Myc) Cr-5, MSK 5940 / Bobiyak, 1907 / WP (174), RP (174), LP (174, 170), VFS (174), Rozt (1, 4, 174), Transcarp (1, 96), Carp (1, 174), Precarp (1, 174), WFS (88, 174), RFS (88, 174), LFS (88, 174), LGMS (167), SSCr (51), Cr (88, 174).

89. **Hyphodontia nesporii** (Bres.) J. Erikss. et Hjortstam / CWU (Myc) Kh-47; S-4-6, 17, 19, 22, 23 / Usichenko, 2002 / LFS (159).

90. **Hyphodontia pallidula** (Bres.) J. Erikss. — *Peniophora pallidula* (Bres.) Bres. / Pilát, 1940 / Transcarp (1, 96).

91. **Hyphodontia pruni** (Lasch) Svrček — *Odontia pruni* Lasch in Rabenh. / Pilát, 1940 / Transcarp (1, 74, 96), Carp (1, 174), Precarp (1, 174), WFS (88), Cr (88, 174).

92. **Hyphodontia rimosissima** (Peck) Gilb. — *Hyphodontia papillosa* (Fr. : Fr.) J. Erikss.; *Odontia papillosa* (Fr. : Fr.) P. Karst. / Pilát, 1940 / WP (174), RP (174), LP (174), VFS (174), Rozt (1, 174), Transcarnp (1, 96), Carnp (1, 174), Precarnp (1, 174), WFS (88, 174), RFS (88, 174), LFS (88, 174).

93. **Hyphodontia sambuci** (Pers. : Fr.) J. Erikss. — *Corticium serum* (Pers.) Fr.; *Hypochnus sambuci* (Pers. : Fr.) Bonord.; *H. serus* (Pers.) Pers.; *Peniophora sambuci* (Pers. : Fr.) Burt. / CWU (Myc) Kh-12, 45, 61; KW 1117 / Bobiyak, 1907 / LP (6, 174), Rozt (1, 4, 174), Precarnp (1, 174), LFS (159), LGMS (101, 113, 167, 174), DFS (117, 126), RGS (119), LGS (119), SSCr (53).

94. **Hyphodontia spathulata** (Schräd. : Fr.) Parmasto — *Hirschioporus fus-coviolaceus* f. *Xylodon candidum* (Ehrenb.) Bourdot et Galzin fide Bondartsev, 1953 / Bondartsev, 1953 / LP (7).

95. **Hyphodontia subalutacea** (P. Karst.) J. Erikss. — *Odontia intermedia* (Bourdot et Galzin) Nikol.; *Peniophora subalutacea* (P. Karst.) Höhn. et Litsch. / Pilát, 1940 / LP (6, 174), Transcarnp (1, 96), Carnp (1, 174), RFS (147), LGMS (101, 174).

96. **Oxyporus corticola** (Fr.) Parmasto — *Chaetoporus corticola* (Fr.) Bondartsev et Singer; *Ch. pearsonii* (Pilát) Bondartsev; *O. ravidus* (Fr.) Bondartsev et Singer; *Polyporus corticola* Fr.; *Poria corticola* (Fr. : Fr.) Cooke; *Poria pearsonii* Pilát; *Trametes ravida* Pilát / CWU (Myc) Kh-47, 83, 87, 105 / Bobiyak, 1907 / Rozt (1, 4, 174), Transcarnp (1, 7, 96), Carnp (1, 174), WFS (7, 174), RFS (174), LFS (159).

97. **Oxyporus latemarginatus** (E.J. Durand et Mont.) Donk — *Chaetoporus ambiguus* (Bres.) Bondartsev et Singer / CWU (Myc) Kh-68a, 72, 132 / Bondartsev, 1953 / Transcarnp (1, 74), WFS (7, 174), RFS (174), LFS (159), LGMS (101).

98. **Oxyporus obducens** (Pers.) Donk — *Polyporus obducens* Pers. / KW 17581 / Bobiyak, 1907 / Rozt (1, 4), Transcarnp (1, 7, 96), Carnp (1, 174), LGMS (167).

99. **Oxyporus populinus** (Schumach. : Fr.) Donk — *Fomes connatus* Fr.; *Polyporus connatus* Fr. / CWU (Myc) Kh-246 / Bobiyak, 1907 / RP (65), LP (160), Rozt (1, 4, 174), Transcarnp (1, 96), Carnp (1, 174), Precarnp (1, 174), WFS (174), RFS (3), LFS (16, 159, 161), RGMS (118, 120, 123), LGMS (101, 113, 120, 118, 123, 167, 174), DFS (18, 117), RGS (118, 119, 120, 123), LGS (118, 119, 120, 123, 165), SCr (50), MCr (7, 174).

100. **Schizopora flavipora** (Cooke) Ryvarden — *Oxyporus pseudoobducens* (Pilát) Bondartsev / CWU (Myc) Kh-71, 89, 90, 94, 100, 108, 110-112, 129, 159, 165 / Bondartsev, 1953 / Transcarnp (1, 7), Carnp (174), LFS (159).

101. **Schizopora paradoxa** (Schräd. : Fr.) Donk — *Irpex obliquus* (Schräd. : Fr.) Fr.; *I. paradoxus* Schräd.; *Xylodon versiporus* (Pers.) Bondartsev p.p.² / CWU (Myc) Kh-67, 68, 75-78, 91, 96, 101, 103, 106, 160, 166, 170; CWU (Myc) S(P)-5; KW 18028, 18029 / Bobiyak, 1907 / RP (44, 174), LP (7, 131), Rozt (1, 4), Transcarnp (1, 7), Carnp (1, 174), WFS (7, 174), RFS (174), LFS (159), LGMS (167), MCr (40).

102. **Schizopora radula** (Pers. : Fr.) Hallenb. — *Polyporus radula* Pers. : Fr.; *Poria radula* Pers. / Bobiyak, 1907 / RP (44), Rozt (1, 4).

² The taxonomic concept of *Xylodon versiporus* includes two currently accepted species, *Schizopora radula* and *Sch. paradoxa*.

ORDO POLYPORALES (HERTER) GÄUM.

Fam. **Albatrellaceae** (Pouzar) Nuss

103. **Albatrellus confluens** (Alb. et Schwein. : Fr.) Kotl. et Pouzar — *Caloporus confluens* (Alb. et Schwein.) Quél.; *Scutiger confluens* (Alb. et Schwein. : Fr.) Bondartsev et Singer / Pilát, 1940 / Transcarnp (1, 7, 96), Carnp (1, 174).

104. **Albatrellus cristatus** (Fr.) Kotl. et Pouzar — *Polyporus cristatus* Fr.; *Scutiger cristatus* (Pers. : Fr.) Bondartsev et Singer / Bobiyak, 1907 / RP (42, 174), Rozt (1, 4, 174).

105. **Albatrellus ovinus** (Schaeff. : Fr.) Kotl. et Pouzar — *Caloporus ovinus* (Schaeff.) Quél.; *Scutiger ovinus* (Fr.) Murrill / Pilát, 1940 / Transcarnp (1, 96), Carnp (1, 174).

Fam. **Atheliaceae** Jülich

106. **Amphinema byssoides** (Pers. : Fr.) J. Erikss. — *Peniophora byssoides* (Pers. : Fr.) Bres. / Bondartsev, 1927 / LP (6, 174), Transcarnp (1, 96), Carnp (1, 174).

107. **Amylocorticiurn cebennense** (Bourdot) Pouzar — *Corticiurn cebennense* Bourdot / Pilát, 1940 / Transcarnp (1, 96), Carnp (1, 174).

108. **Amylocorticiurn subsulphureum** (P. Karst.) Pouzar — *Peniophora subsulphurea* (P. Karst.) Höhn. et Litsch. / Pilát, 1940 / Transcarnp (1, 96).

109. **Athelia arachnoidea** (Berk.) Jülich — *Corticiurn centrifugum* Lév. ss. Bres. / Pilát, 1940 / Transcarnp (1, 96, 174), Carnp (1, 174).

110. **Athelia fibulata** M.P. Christ. / CWU (Myc) Kh-32 / Usichenko, 2002 / LFS (159).

111. **Athelia teutoburgensis** (Brinkmann) Jülich — *Corticiurn flavescens* Bres., 1905 non (Bonord.) G. Winter, 1884; *C. teutoburgense* Brinkmann / Bondartsev, 1927 / LP (6, 174), Transcarnp (1, 96).

112. **Byssocorticiurn atrovirens** (Fr. : Fr.) Bondartsev et Singer — *Corticiurn atrovirens* (Fr. : Fr.) Fr. / Pilát, 1940 / Transcarnp (1, 96), Carnp (1, 174).

113. **Cristinia helvetica** (Pers. : Fr.) Parmasto — *Grandinia helvetica* Pers. : Fr. / Pilát, 1940 / Transcarnp (1, 96), Carnp (1, 174), WFS (88).

114. **Irpicondon pendulus** (Alb. et Schwein. : Fr.) Pouzar — *Irpex pendulus* (Alb. et Schwein.) Fr.; *Radulum pendulinum* Nikol. / Yavorskii, 1915 / WP (174), RP (174), LP (170, 174), VFS (174), Rozt (1, 174).

115. **Leptosporomyces galzinii** (Bourdot) Jülich / CWU (Myc) Kh-21 / Usichenko, 2002 / LFS (159).

116. **Piloderma byssinum** (P. Karst.) Jülich — *Corticiurn byssinum* (P. Karst.) Massee / Pilát, 1940 / Transcarnp (1, 96), Carnp (1, 174).

117. **Plicaturopsis crispa** (Pers. : Fr.) D.A. Reid — *Plicatura faginea* (Schrad.) P. Karst.; *Trogia crispa* (Pers. : Fr.) Fr. / Bobiyak, 1907 / Rozt (1, 4), Transcarnp (1, 96).

Fam. **Boreostereaceae** Jülich

118. **Veluticeps abietina** (Pers. : Fr.) Hjortstam et Tellería — *Stereum abietinum* (Pers. : Fr.) Fr. / Pilát, 1940 / RP (174), LP (174), Rozt (174), Transcarnp (1, 96), Carnp (1, 37, 38, 174), WFS (20).

119. **Veluticeps ambigua** (Peck) Hjortstam et Tellería — *Stereum carpaticum* Pilát / Pilát, 1940 / Transcarp (1, 96), WFS (20).

Fam. **Corticaceae** Herter

120. **Corticium roseum** Pers. — *Aleurodiscus roseus* (Pers. : Fr.) Höhn. et Litsch.; *Hypochnus roseus* (Pers. : Fr.) J. Schröt.; *Laeticorticium roseum* (Pers. : Fr.) Donk / CWU (Myc) Kh-174 / Bobiyak, 1907 / RP (85, 174), LP (6, 170, 174), Rozt (1, 4, 174), Transcarp (1, 96), Carp (1, 174), Precarp (1, 174), LFS (159), LGMS (167).

121. **Cytidia salicina** (Fr. : Fr.) Burt — *Corticium salicinum* (Fr. : Fr.) Fr. / Bobiyak, 1907 / Rozt (1, 4), Precarp (1, 174), RGMS (121, 174), LGMS (121, 125, 167), RGS (121, 125), LGS (121).

122. **Dendrothele acerina** (Pers. : Fr.) P.A. Lemke — *Aleurodiscus acerinus* (Pers. : Fr.) Höhn. et Litsch. / Pilát, 1940 / Transcarp (1, 96), LGMS (125, 167), DFS (125), LGS (125).

123. **Vuilleminia comedens** (Nees : Fr.) Maire — *Corticium comedens* (Nees : Fr.) Fr. / CWU (Myc) Kh-50; KW 1587, 17899, 17902, 17903, 17905-17910, 17912-17916 / Bobiyak, 1907 / RP (44, 174), LP (5, 6), Rozt (1, 4, 150), Transcarp (1, 74, 96, 107), Carp (1, 174), Precarp (1, 174), WFS (174, 68), RFS (147), LFS (159, 174), RGMS (116, 118, 133), LGMS (101, 113, 116, 118, 133, 167, 174), DFS (52, 83, 117, 174), LGS (82, 116, 118, 119, 133, 174), RGS (116, 118, 119, 133, 174), SCr (49, 50), MCr (174).

Fam. **Cyphellaceae** Lotsy

124. **Flavophlebia sulfureoisabellina** (Litsch.) K.H. Larss. et Hjortstam — *Corticium sulfureoisabellinum* Litsch. / Pilát, 1940 / Transcarp (1, 96), Carp (1, 174).

125. **Radulomyces confluens** (Fr. : Fr.) M.P. Christ. — *Corticium confluens* (Fr. : Fr.) Fr.; *C. tephroleucum* Bres. / CWU (Myc) Kh-6, 43, S-34; KW 18078, 18081 / Bondartsev, 1927 / RP (174), LP (6, 160, 174), Precarp (1, 174), LFS (159), LGMS (101, 167, 174).

126. **Radulomyces molaris** (Chaillet ex Fr. : Fr.) Christ. — *Radulum molare* Chaillet ex Fr. : Fr.; *R. rude* (Pers.) S. Lundell / CWU (Myc) Cr-8, Kh-27, 42, 183, 184, S-33, S(H)-6 / Bobiyak, 1907 / WP (174), RP (174), LP (160, 174), VFS (174), Rozt (1, 4, 174), WFS (174), RFS (88, 147, 174), LFS (88, 159, 174), LGMS (101, 167, 174), MCr (174).

127. **Sarcodontia crocea** (Schwein. : Fr.) Kotl. — *Hydnum schiedermayeri* Heufl. / CWU (Myc) Kh-142 / Bobiyak, 1907 / RP (174), LP (171, 160, 174), Rozt (1, 4, 174), WFS (174), RFS (88, 174), LFS (88, 159, 174), RGMS (116), LGMS (116, 167), DFS (117), RGS (116, 119, 126), LGS (116, 119), FSCr (174), MCr (40), Cr (88).

128. **Woldmaria filicina** (Peck) Knudsen — *Cyphella filicina* P. Karst.; *Solenia crocea* Fr.; *W. crocea* (P. Karst.) Cooke / Pilát, 1940 / Transcarp (96).

Fam. **Cystostertaceae** Jülich

129. **Crustomyces subabruptus** (Bourdout et Galzin) Jülich — *Odontia subabrupta* Bourdot et Galzin / Pilát, 1940 / Transcarp (96), Carp (174), Precarp (174), WFS (88), Cr (53, 88, 174).

130. *Cystostereum murrayi* (Berk. et M.A. Curtis) Pouzar — *Stereum murrayi* (Berk. et M.A. Curtis) Burt. / Pilát, 1940 / Transcarp (1, 96), WFS (20, 88), LGMS (167), Cr (88).

Fam. **Fomitopsidaceae** Jülich

131. *Amylocystis lapponica* (Romell) Bondartsev et Singer ex Singer — *Leptoporus lapponicus* (Romell) Pilát / Pilát, 1940 / Transcarp (1, 7, 96).

132. *Anomoporia bombycina* (Fr. : Fr.) Pouzar — *Fibuloporia bombycina* (Fr. : Fr.) Bondartsev et Singer; *Poria bombycina* (Fr. : Fr.) Cooke / Pilát, 1940 / Transcarp (1, 7, 96), Carp (1, 174), RFS (147).

133. *Auriporia aurea*³ (Peck) Ryvarden — *Chaetoporellus aureus* (Peck) Bondartsev et Singer; *Poria aurea* Peck / Pilát, 1940 / Transcarp (1, 7, 96).

134. *Daedalea quercina* L. : Fr. — *Trametes quercina* (L. : Fr.) Pilát / CWU (Myc) Kh-247; KW 9872–9899, 9901, 9902, 28835–28843, 28850–28853 / Léveillé, 1842 / WP (71, 139, 143, 174), RP (42, 85, 174), LP (5, 11, 160, 170, 174), Rozt (1, 4, 174), Transcarp (1, 96, 109), Carp (1, 94, 174), Precarp (1, 174), WFS (48, 68, 148, 174), RFS (98, 145, 147), LFS (10, 15, 16, 31, 159, 161, 174), RGMS (115, 116, 118, 120, 123, 128, 133), LGMS (101, 113, 115, 116, 118, 120, 123, 128, 133, 167), DFS (52, 58, 78, 117, 174), RGS (115, 116, 118–120, 123, 128, 133), LGS (115, 116, 118–120, 123, 128, 133, 165), FSCr (174), MCr (40, 73, 105, 174), Ukraine (19, 21).

135. *Fomitopsis pinicola* (Sw. : Fr.) P. Karst — *Fomes marginatus* Fr.; *F. pinicola* (Sw. : Fr.) Cooke; *F. unguilatus* Fr.; *Polyporus marginatus* Fr.; *P. unguilatus* Schaeff. / CWU (Myc) Kh-248; KW 18348–18352, 19073, 19094, 19100, 19101, 28025, 28028–28030 / Borsčow, 1869 / WP (17, 71, 140, 141, 143, 174), RP (17, 174), LP (11, 131, 170, 174), Rozt (1, 4, 150, 174), Transcarp (1, 74, 96, 107, 108–110), Carp (1, 22, 24, 37, 38, 106, 174), Precarp (1, 158, 174), WFS (48, 68, 174), RFS (174), LFS (16, 161), RGMS (118, 128), LGMS (118, 128, 167), DFS (52), RGS (118, 128), LGS (118, 128), MCr (40, 105, 174).

136. *Fomitopsis rosea* (Alb. et Schwein. : Fr.) P. Karst. — *Fomes roseus* (Alb. et Schwein. : Fr.) Cooke / KW 19041, 19042 / Pilát, 1940 / RP (130, 174), LP (7, 130, 131), Transcarp (1, 7, 96, 108, 109), Carp (1, 37, 38, 130, 174), Precarp (1, 130, 174), MCr (7, 105, 174), Ukraine (21).

137. *Pilatoporus epileucus* (Pilát) Kotl. et Pouzar — *Coriolus epileucus* (Fr.) Bondartsev ss. Bondartsev; *Fomitopsis epileucina* (Pilát) Ryvarden et Gilb.; *Leptoporus epileucus* Pilát ex Pilát / Pilát, 1940 / Transcarp (1, 96), RGMS (118), LGMS (118, 167), RGS (118), LGS (118).

138. *Piptoporus betulinus* (Bull. : Fr.) P. Karst. — *Polyporus betulinus* Bull. : Fr. / CWU (Myc) Kh-249 / Borsčow, 1869 / WP (71, 137, 138, 140, 143), RP (44), LP (11, 131, 160, 170), Rozt (1, 4), Transcarp (1, 74, 96, 107–109), Carp (1, 174), Precarp (1, 174), WFS (48), RFS (98, 147), LFS (159, 161), RGMS (115, 128), LGMS (115, 128, 167), DFS (52), RGS (115, 128), LGS (115, 128).

³ The description of *Auriporia aurea* given by Pilát (1940) and repeated by Bondartsev (1953) fits to the species concept of *A. aurulenta* David, Tortiç et Jelić.

139. **Piptoporus quercinus** (Schrad. : Fr.) Pilát / Pilát, 1940 / Transcarp (1, 7, 96), Carp (1, 174).

140. ***Postia alni** Niemelä et Vampola — *P. subcaesia* (A. David) Jülich / CWU (Myc) Kh-224 / LFS (Kharkiv City, south part of the Forest Park, fragment of ravine forest, on dead unfallen trunk of *Quercus* sp., coll. A.S. Usichenko, D.V. Leontyev IX 2002).

141. **Postia balsamea** (Peck) Jülich — *Oligoporus balsameus* (Peck) Gilb. et Ryvarden; *Tyromyces kymatodes* (Rostk.) Donk / Bondartsev, 1953 / WFS (7, 174), RFS (174).

142. **Postia caesia** (Schrad. : Fr.) P. Karst. — *Leptoporus caesius* (Schrad. : Fr.) Quél.; *Oligoporus caesius* (Schrad. : Fr.) Gilb. et Ryvarden; *Polyporus caesius* Schrad. : Fr.; *Tyromyces caesius* (Schrad. : Fr.) Murrill / Bobiyak, 1907 / RP (130, 174), LP (7, 130, 131), Rozt (1, 4, 130, 174), Transcarp (1, 7, 96), Carp (1, 37, 38, 130, 174), WFS (7, 130, 174), LGMS (101), MCr (7, 130, 105, 174).

143. **Postia ceriflua** (Berk. et M.A. Curtis) Jülich — *Leptoporus minusculoides* Pilát; *L. revolutus* (Bres.) Bourdot et Galzin; *Oligoporus cerifluus* (Berk. et M.A. Curtis) Gilb. et Ryvarden; *Tyromyces minusculoides* (Pilát) Bondartsev; *T. revolutus* (Bres.) Bondartsev et Singer / Pilát, 1940 / Transcarp (1, 7, 96).

144. **Postia floriformis** (Quél.) Jülich — *Leptoporus floriformis* (Quél.) Bourdot et Galzin; *Oligoporus floriformis* (Quél.) Gilb. et Ryvarden; *Tyromyces floriformis* (Quél.) Bondartsev et Singer / Pilát, 1940 / RP (174), LP (7), Transcarp (1, 7, 96), Carp (1, 174).

145. **Postia fragilis** (Fr.) Jülich — *Leptoporus fragilis* (Fr.) Pat.; *Oligoporus fragilis* (Fr.) Gilb. et Ryvarden; *Tyromyces fragilis* (Fr.) Donk / KW 17859 / Pilát, 1940 / RP (130, 174), LP (7, 130, 131), Transcarp (1, 7, 96), Carp (1, 130, 174), LGMS (167).

146. **Postia hibernica** (Berk. et Broome) Jülich — *Chaetoporellus simanii*⁴ (Pilát) Bondartsev; *Leptoporus simanii* Pilát ex Pilát; *Oligoporus hibernicus* (Berk. et Broome) Gilb. et Ryvarden / Pilát, 1940 / Transcarp (1, 7, 96).

147. **Postia lactea** (Fr.) P. Karst. — *Leptoporus lacteus* (Fr.) Quél.; *Polyporus lacteus* Fr.; *Tyromyces lacteus* (Fr. : Fr.) Murrill / Gutsevich, 1940; Pilát, 1940 / LP (130, 131), Transcarp (74, 96), Carp (130, 174), LGMS (167), RGS (130), MCr (7, 40, 130, 174), Cr (105).

148. **Postia leucomallella** (Murrill) Jülich — *Leptoporus lowei* Pilát, nom. inv. (sine diagn. latin.); *Oligoporus leucomallellus* (Murrill) Gilb. et Ryvarden; *O. lowei* (Pilát) Gilb. et Ryvarden; *Tyromyces lowei* (Pilát) Bondartsev; *T. trabeus* (Rostk.) Parmasto / Pilát, 1940 / LP (130, 131), Transcarp (1, 7, 96).

149. **Postia rennyi** (Berk. et Broome) Rajchenb. — *Fibroporia destructor* (Fr.) Parmasto; *Leptoporus destructor* (Schrad. : Fr.) Bondartsev et Singer; *L. resupinatus*

⁴ Some authors consider *Postia simanii* (Pilát) Jülich (= *Chaetoporellus simanii*, *Leptoporus simanii*, *Oligoporus simanii* (Pilát) Bernicchia) as presumably conspecific with *Postia hibernica*: "This species is closely related to *O. hibernicus* and they may be forms of a single species. However, it seems that the spores of *O. hibernicus* are wider and longer (up to 6 µm long and 1.2–1.5 µm wide), it grows preferably on conifers, and cystidia are usually absent" (Nuñez, Ryvarden, 2001: 373).

(Bourdot et Galzin) Pilát; *Oligoporus rennyi* (Berk. et Broome) Donk; *Polyporus destructor* Schrad. : Fr.; *Tyromyces resupinatus* (Bourdot et Galzin ex Pilát) Bondartsev et Singer / Bobiyak, 1907 / RP (44, 174), LP (131, 174), Rozt (4, 174), Transcarp (7, 96), Carp (174), WFS (7), LFS (174), LGMS (167).

150. **Postia sericeomollis** (Romell) Jülich — *Oligoporus sericeomollis* (Romell) Bondartseva; *Tyromyces sericeomollis* (Romell) Bondartsev et Singer / Gutsevich, 1940; Pilát, 1940 / Transcarp (1, 7, 96), Carp (1, 174), RFS (174), MCr (40, 174).

151. **Postia stiptica** (Pers. : Fr.) Jülich — *Leptoporus fodinarus* (Velen.) Pilát; *L. stipticus* (Pers. : Fr.) Quél.; *Oligoporus stipticus* (Pers. : Fr.) Gilb. et Ryvarden; *Polyporus albidus* Fr.; *P. stipticus* Pers.; *Tyromyces albidus* (Secr.) Donk. / CWU (Myc) Kh-156 / Bobiyak, 1907 / RP (44, 130, 174), LP (130, 131, 170), Rozt (1, 4), Transcarp (1, 7, 96), Carp (1, 130, 174), LFS (159), LGMS (101), MCr (130, 105, 174).

152. **Postia tephroleuca** (Fr.) Jülich — *Leptoporus lacteus* f. *tephroleucus* (Fr.) Bourdot et Galzin; *Oligoporus tephroleucus* (Fr. : Fr.) Gilb. et Ryvarden; *Tyromyces melinus* (P. Karst.) Bondartsev et Singer; *T. tephroleucus* (Fr. : Fr.) Donk; *Polyporus tephroleucus* Fr. : Fr. / CWU (Myc) Kh-172 / Gutsevich, 1940; Pilát, 1940 / LP (130, 131), Transcarp (1, 7, 74, 96), Carp (1, 130, 174), LFS (159), LGMS (101, 167), RGS (130), MCr (7, 40, 130, 174), Cr (105).

153. **Postia undosa** (Peck) Jülich — *Leptoporus undosus* (Peck) Pilát; *Oligoporus undosus* (Peck) Gilb. et Ryvarden; *Tyromyces undosus* (Peck.) Murrill / Pilát, 1940 / Transcarp (1, 7, 96), Carp (1, 174), LGMS (101, 174).

Fam. **Ganodermataceae** Donk per Donk

154. **Ganoderma lipsiense** (Batsch) G.F. Atk. — *Fomes applanatus* (Pers.) Gillet; *G. applanatum* (Pers.) Pat.; *Polyporus applanatus* (Pers.) Wallr.; *P. stevenii* Lév. / Lévillé, 1842 / MCr (73). / CWU (Myc) Kh-236; KW 9690-9694, 9700, 9708, 9710, 9711, 9715, 9717, 28000-28002, 28009, 45213-45215 / Bobiyak, 1907 / WP (71, 140, 174), RP (44, 65, 77, 174), LP (160, 170, 174), Rozt (1, 4, 150), Transcarp (1, 74, 96, 107-110, 174), Carp (1, 24, 36, 38, 174), Precarp (1, 158, 174), WFS (48, 68, 174), RFS (3, 145, 147, 174), LFS (16, 159, 161, 174), RGMS (116, 118, 120, 123, 128, 133), LGMS (100, 101, 113, 116, 118, 120, 123, 128, 133, 167), DFS (117), RGS (116, 118-120, 123, 128, 133), LGS (116, 118-120, 123, 128, 133), SCr (49, 50), MCr (40, 105, 174).

155. **Ganoderma lucidum** (Curtis : Fr.) P. Karst. — *Fomes lucidus* (Curtis : Fr.) Cooke; *Polyporus lucidum* Fr. / CWU (Myc) Kh-237 / Lévillé, 1842 / WP (174), LP (160), Rozt (1, 4, 174), Transcarp (1, 74, 96), Carp (1, 174), WFS (48, 148, 174), RFS (98, 145, 147, 174), LFS (159, 161), LGMS (167), DFS (174), SCr (12), FSCr (174), MCr (40, 73, 105, 174).

156. **Ganoderma resinaceum** Boud. in Pat. / CWU (Myc) Kh-250 / Pilát, 1940 / Transcarp (1, 7, 74, 96), Carp (1, 174), LFS (159, 161), LGMS (167).

Fam. **Gloeophyllaceae** Jülich

157. **Gloeophyllum abietinum** (Bull. : Fr.) P. Karst. — *Lenzites abietina* Bull. / Bobiyak, 1907 / WP (174), RP (174), LP (7, 131, 170), Rozt (1, 4, 174), Transcarp (1, 7, 96), Carp (1, 37, 38, 106, 174), LGMS (167), Ukraine (21).

158. **Gloeophyllum odoratum** (Wulfen : Fr.) Imazeki — *Anisomyces odoratus* (Wulfen : Fr.) Pilát; *Osmoporus odoratus* (Wulfen : Fr.) Singer; *Trametes odorata* Fr. / KW 2233, 17650 / Hizhyts'ka, 1929 / RP (44, 174), LP (131, 174), Transcarp (96), Carp (1, 174), Precarp (1, 174), RGMS (118), LGMS (118, 167), RGS (118), LGS (118), MCr (105, 174), Ukraine (21).

159. **Gloeophyllum protractum** (Fr.) Imazeki — *Anisomyces caucasicus* (Bres.) Bondartsev; *Osmoporus protractus* (Fr.) Bondartsev; *Trametes protracta* Fr. / Bondartsev, 1953 / RP (174), LP (7, 174), Transcarp (1, 7), Carp (1, 174), WFS (7), MCr (7, 105, 174), Ukraine (19).

160. **Gloeophyllum sepiarium** (Wulfen : Fr.) P. Karst. — *Lenzites sepiaria* Wulfen : Fr. / KW 9917-9924, 9928, 17939 / Bobiyak, 1907 / WP (174), RP (21, 65, 174), LP (21, 131), Rozt (1, 4, 174), Transcarp (1, 96), Carp (1, 37, 38, 24, 106, 174), Precarp (1, 21, 174), WFS (21, 48), LFS (21), LGMS (167), DFS (117).

161. **Gloeophyllum trabeum** (Pers. : Fr.) Murrill — *Corioloopsis trabea* (Pers. : Fr.) Bondartsev et Singer; *Corioloopsis trabea* f. *communis* Bourdot et Galzin; *Lenzites trabea* Pers.; *Trametes trabea* (Pers. : Fr.) Bres. / CWU (Myc) Kh-147, 161; KW 28772, 40084 / Bobiyak, 1907 / RP (174), LP (7, 170, 174), Rozt (1, 4), Transcarp (1, 7, 96), Carp (1, 174), LFS (57, 159, 161), LGMS (101), DFS (57), MCr (7, 174).

Fam. Hapalopilaceae Jülich

162. **Bjerkandera adusta** (Willd. : Fr.) P. Karst. — *Gloeoporus adustus* (Willd. : Fr.) Pilát; *Polyporus adustus* Willd. : Fr.; *P. crispus* Pers. / CWU (Myc) P-2 / Lévillé, 1842 / WP (136), RP (44, 65, 85, 174), LP (160, 170), Rozt (1, 4, 150), Transcarp (1, 74, 96), Carp (1, 36-38, 94, 174), WFS (148, 174), RFS (3, 174), LFS (10, 31, 174, 159, 161), RGMS (116, 120, 123), LGMS (113, 114, 116, 120, 123, 167), DFS (117), RGS (116, 119, 120, 123), LGS (116, 119, 120, 123), SCr (49, 50, 105), MCr (40, 73, 105, 174).

163. **Bjerkandera fumosa** (Pers. : Fr.) P. Karst. — *Polyporus albus* (Huds.) Fr.; *P. fumosus* Pers.; *P. imberbis* Fr.; *P. pallescens* Fr.; *P. salignus* Fr. / CWU (Myc) Kh-231 / Bobiyak, 1907 / RP (42, 44, 77, 174), LP (160, 170), Rozt (1, 4, 150, 174), Transcarp (1, 74, 174), Precarp (1, 174), WFS (148), RFS (3), LFS (57, 159), LGMS (167), DFS (57, 78), MCr (7, 105, 174).

164. **Ceriporia purpurea** (Fr. : Fr.) Donk — *Merulioporia purpurea* (Fr. : Fr.) Bondartsev et Singer; *Poria purpurea* (Fr. : Fr.) Cooke / Gutsevich, 1940; Pilát, 1940 / RP (174), LP (7), Transcarp (1, 7, 96), Carp (1, 174), MCr (7, 40, 174).

165. **Ceriporia reticulata** (Hoffm. : Fr.) Domański — *Fibuloporia reticulata* (Hoffm. : Fr.) Bondartsev; *Polyporus farinellus* Fr.; *Poria reticulata* (Hoffm. : Fr.) Quél. / Bobiyak, 1907 / Rozt (1, 4), Transcarp (1, 7, 96), Carp (1, 174).

166. **Ceriporia viridans** (Berk. et Broome) Donk — *C. viridans* f. *aurantiocarnescens* (Henn.) M. Pieri et B. Rivoire; *C. viridans* f. *flavidocarneola* (Bres.) Bourdot et Galzin; *C. viridans* f. *obscurior* Bourdot et Galzin; *Poria viridans* (Berk. et Broome) Cooke / Pilát, 1940 / Transcarp (1, 96), Carp (1, 174), WFS (7), RFS (174), MCr (7, 174).

167. **Ceriporiopsis aneirina** (Sommerf. : Fr.) Domański — *Poria aneirina* (Sommerf. : Fr.) Cooke; *Tyromyces aneirinus* (Sommerf. : Fr.) Bondartsev et Singer / Pilát, 1940 / Transcarp (1, 7, 96), Carp (1, 174), LGMS (113).

168. **Ceriporiopsis gilvescens** (Bres.) Domański — *Ceriporia gilvescens* (Bres.) Donk; *Poria gilvescens* Bres. / KW 924 / Bondartsev, 1953 / Transcarp (1, 7, 96), Carp (1, 174), RFS (147), LGMS (167), MCr (174), Cr (7).

169. **Ceriporiopsis pannocincta** (Romell) Gilb. et Ryvarden — *Gloeoporus pannocinctus* (Romell) J. Erikss.; *Leptoporus semisupinus* f. *resupinata* Pilát; *L. zameriensis* Pilát; *Tyromyces zameriensis* (Pilát) Bondartsev / Pilát, 1940 / Transcarp (1, 7, 96), MCr (7).

170. **Ceriporiopsis resinascens** (Romell) Domański — *Ceriporia subpudorina* (Pilát) Bondartsev; *P. pseudogilvescens* Pilát; *P. resinascens* (Romell) S. Lundell et Nannf. / Pilát, 1940 / Carp (1, 174), RFS (147), LGMS (167).

171. **Climacocystis borealis** (Fr.) Kotl. et Pouzar — *Abortiporus borealis* (Fr.) Singer; *Daedalea borealis* Fr.; *Leptoporus borealis* (Fr.) Pilát; *Polyporus borealis* Fr. / Hizhyts'ka, 1929 / WP (130, 174), RP (44, 130), LP (130, 131), Rozt (1, 103, 130), Transcarp (1, 96), Carp (1, 103, 106, 130, 174), Precarp (1, 103, 130, 174).

172. **Hapalopilus croceus** (Pers. : Fr.) Donk / Soldatova, 1985 / LP (132).

173. **Hapalopilus rutilans** (Pers. : Fr.) Murrill — *Hapalopilus nidulans* (Fr.) P. Karst.; *Phaeolus rutilans* (Pers.) Pat.; *Polyporus nidulans* Fr.; *P. rutilans* Pers. : Fr. / CWU (Myc) Kh-221, 222 / Bobiyak, 1907 / RP (130, 174), LP (130, 131, 160), Rozt (1, 4, 130, 174), Transcarp (1, 96), RFS (147), LFS (159, 161), LGMS (130, 167), SCr (50, 105), FScR (130, 174), MCr (7, 40, 105, 130, 174).

174. **Hapalopilus salmonicolor** (Berk. et M.A. Curtis) Pouzar — *Hapalopilus aurantiacus* (Rostk.) Bondartsev et Singer; *Poria aurantiaca* Rostk. / Pilát, 1940 / RP (174), LP (7), Transcarp (1, 7, 96), Carp (1, 174), WFS (174).

175. **Ischnoderma benzoinum** (Wahlenb. : Fr.) P. Karst. — *I. resinosum* f. *benzoinus* (Wahlenb.) Pilát; *I. resinosum* f. *fuscus* (Pers.) Pilát; *Polyporus benzoinus* Wahlenb. : Fr. / Bobiyak, 1907 / RP (44), LP (170), Rozt (1, 4), RGMS (118, 120), LGMS (118, 120, 167), RGS (118, 120), LGS (118, 120).

176. **Ischnoderma resinosum** (Fr.) P. Karst. — *Polyporus fuliginosus* Scop. : Fr.; *P. resinosus* Fr. / KW 18689 / Bobiyak, 1907 / WP (141, 142), RP (130), LP (131), Rozt (1, 4, 130, 174), Transcarp (1, 74, 96, 109), Carp (1, 130, 174), RGMS (123), LGMS (123, 130), RGS (123), LGS (123, 130), MCr (7, 40, 105, 130, 174).

177. **Leptoporus mollis** (Pers. : Fr.) Pilát — *Tyromyces erubescens* (Fr.) Bondartsev et Singer / Pilát, 1940 / RP (174), LP (7, 174), Transcarp (1, 7, 96), Carp (1, 174), LGMS (101, 174).

178. **Porpomyces mucidus** (Pers. : Fr.) Jülich — *Ceriporiopsis mucida* (Pers. : Fr.) Gilb. et Ryvarden; *Fibuloporia donkii* Domański; *F. mollusca* (Pers. : Fr.) Bondartsev et Singer ss. Bondartsev et Singer; *F. mucida* (Pers. : Fr.) Niemelä; *Polyporus mucidus* Pers. : Fr.; *Poria mucida* Pers. : Fr. / KW 19044 / Borsčow, 1869 / RP (130, 174), LP (7, 11, 130, 131), Rozt (1, 130, 174), Transcarp (1, 7, 96), Carp (1, 130, 174), WFS (7), LGMS (101, 167, 174), MCr (40, 130, 174), Ukraine (21).

179. **Spongipellis delectans** (Peck) Murrill — *Leptoporus bredecensis* Pilát; *Polyporus litschaueri* (Lohwag) Bondartsev; *S. bredecensis* (Pilát) Bondartsev; *S. litschaueri* Lohwag / CWU (Myc) Kh-137 / Pilát, 1940 / Transcarp (1, 7, 96) LP (7), WFS (7), LFS (159), LGMS (167), MCr (7, 105).

180. **Spongipellis spumeus** (Sowerby : Fr.) Pat. / CWU (Myc) Kh-133 / Bondartsev, 1953 / RP (174), LP (7), LFS (159), RGMS (120, 123), LGMS (120, 123, 167), RGS (120, 123), LGS (120, 123).

Fam. **Hyphodermataceae** Jülich

181. **Brevicellicium olivascens** (Bres.) K.H. Larss. et Hjortstam — *Grandinia mutabilis* (Pers.) Bourdot et Galzin / Nikolajeva, 1961 / Rozt (1, 174), Carp (1, 174), WFS (88).

182. **Hyphoderma mutatum** (Peck) Donk — *Kneiffia allescheri* (Bres.) Bres.; *Peniophora allescheri* (Bres.) Sacc. et Syd.; *P. mutata* (Peck) Bres.; *Radulum mutatum* (Peck.) Nikol. / CWU (Myc) Kh-1a, 16, 34, S-12, 15, 50; KW 1125 / Bondartsev, 1927 / WP (174), RP (174), LP (6, 174), VFS (174), Rozt (1, 174), Transcarnp (1, 96), Carp (1, 174), Precarp (1, 174), WFS (174), RFS (88, 174), LFS (88, 159, 174).

183. **Hyphoderma praetermissum** (P. Karst.) J. Erikss. et Å. Strid — *Corticium pertenu* P. Karst.; *Kneiffia tenuis* (Pat.) Bres. / CWU (Myc) Kh-36, S-56 / Bobiyak, 1907 / WP (136, 144), LP (6, 174), Rozt (1, 4), RP (174), RFS (147), LFS (159).

184. **Hyphoderma puberum** (Fr. : Fr.) Wallr. — *Corticium puberum* (Fr. : Fr.) Fr.; *Peniophora pubera* (Fr. : Fr.) Sacc. / CWU (Myc) Kh-191 / Bobiyak, 1907 / LP (6, 160, 174), Rozt (1, 4), Transcarnp (1, 96), Carp (1, 174), LFS (Kharkiv oblast, Zolochiv district, Svitlichnyi settlement, on strongly decayed processed wood of cf. *Acer*, *Fraxinus* in open building, coll. A.Yu. Akulov, A.S. Usichenko VII 2002).

185. **Hyphoderma roseocreum** (Bres.) Donk — *Gloeocystidium roseocreum* (Bres.) Brinkmann / Bondartsev, 1927 / LP (6, 174), SSCr (53).

186. **Hyphoderma setigerum** (Fr. : Fr.) Donk — *Kneiffia setigera* (Fr. : Fr.) Fr.; *Odontia setigera* (Fr. : Fr.) L.W. Mill.; *Peniophora setigera* (Fr. : Fr.) Höhn. et Litsch. / CWU (Myc) Kh-3a, 14, S-3, 13, 21, 27, 37, 39; KW 932 / Bobiyak, 1907 / LP (6, 174), Rozt (1, 4), Transcarnp (1, 96), Carp (1, 174), Precarp (1, 174), WFS (88, 174), RFS (88, 174, 147), LFS (88, 159, 174).

187. **Hyphoderma transiens** (Bres.) Parmasto — *Odontia transiens* Bres. / Pilát, 1940 / Transcarnp (1, 96, 174), Precarp (174), WFS (174), RFS (88, 174), LFS (88, 174), Cr (174).

188. **Hypochnicium bombycinum** (Sommerf. : Fr.) J. Erikss. — *Hypochnus bombycinus* (Sommerf. : Fr.) Fr.; *Radulum bombycinum* (Sommerf. : Fr.) Nikol. / CWU (Myc) Kh-85 / Zerova *et al.*, 1972 / Rozt (1, 174), LFS (159), LGMS (101, 174).

189. **Hypochnicium lundellii** (Bourdot) J. Erikss. / CWU (Myc) Kh-11 / Usichenko, 2002 / LFS (159).

190. ***Subulicystidium longisporum** (Pat.) Parmasto / MSK 6001 / MCr (Main Range, near Sudak, 2.8 km NW of village Dachnoe, Karadzha canyon, on fallen branch of *Cornus* sp., coll. E.O. Yurchenko VIII 2001).

Fam. **Meripilaceae** Jülich

191. **Abortiporus biennis** (Bull. : Fr.) Singer — *Daedalea labyrinthica* Fr.; *Polyporus biennis* Bull. : Fr. / CWU (Myc) Kh-173, 223 / Bobiyak, 1907 / RP (44, 174), LP (7), Rozt (1, 4), LFS (Kharkiv oblast, Kharkiv district, near a highway in Nauchnyi

settlement, on fallen trunk of *Salix* sp., A.Yu. Akulov, A.S. Usichenko XI 2001), RGS (66), SSCr (54, 174).

var. **sowerbei** (Fr.) Bondartsev — *Polyporus rufescens* (Pers.) Fr. / Bobiyak, 1907 / Rozt (4).

192. **Antrodia albobrunnea** (Romell) Ryvarden — *Tyromyces albobrunneus* (Romell) Bondartsev / KW 17860 / Wasser, Soldatova, 1977 / LGMS (167).

193. **Antrodia crassa** (P. Karst.) Ryvarden — *Fomitopsis crassa* (P. Karst.) Bondartsev; *Poria crassa* (P. Karst.) Sacc. / Pilát, 1940 / Rozt (1, 2, 174), Transcarnp (1, 96), Carnp (1, 174), Precarnp (1, 174).

194. **Antrodia gossypia** (Speg.) Ryvarden — *Fibroporia gossypium* (Speg.) Parmasto / Wasser, Soldatova, 1977 / LGMS (167).

195. **Antrodia heteromorpha** (Fr. : Fr.) Donk — *A. albida* (Fr.) Donk; *Coriollus albidus* (Fr.) Bondartsev; *C. heteromorphus* (Fr. : Fr.) Bondartsev et Singer; *C. serpens* (Fr.) Bondartsev; *Lenzites albida* Fr.; *Trametes albida* (Bres.) Killerm.; *T. albida* f. *serpens* (Fr.) Pilát; *T. heteromorpha* (Fr. : Fr.) Bres.; *T. serpens* (Fr.) Fr. / KW 49 / Bobiyak, 1907 / Rozt (1, 4), Transcarnp (1, 7, 74, 96), Carnp (1, 174), WFS (7), RGMS (120), LGMS (120, 167), DFS (52), RGS (120), LGS (120), MCr (7, 174).

196. **Antrodia juniperina** (Murrill) Niemelä et Ryvarden / Sarkina, 2001 / SSCr (105).

197. **Antrodia macra** (Sommerf.) Niemelä — *Coriollus salicinus* (Bres.) Bondartsev; *Trametes albida* f. *salicina* (Bres.) Pilát / Pilát, 1940 / Transcarnp (1, 7, 74, 96, 107, 109), Carnp (1, 174), WFS (68).

198. **Antrodia malicola** (Berk. et M.A. Curtis) Donk — *Funalia kuziyana* (Pilát) Bondartsev; *Trametes kuziyana* Pilát / Pilát, 1940 / Transcarnp (1, 7, 96), Carnp (1, 174).

199. **Antrodia ramentacea** (Berk. et Broome) Donk — *Coriollus subsinuus* (Bres.) Bondartsev et Singer / Sarkina, 2001 / MCr (105).

200. **Antrodia serialis** (Fr.) Donk — *Coriollus serialis* (Fr.) Murrill; *Trametes serialis* Fr. / CWU (Myc) Kh-95 / Bobiyak, 1907 / WP (130, 174), RP (130, 174), LP (130, 131), Rozt (1, 4, 130, 174), Transcarnp (1, 96), Carnp (1, 106, 130, 174), LFS (159), Ukraine (21).

f. **callosa** (Fr.) Domański — *Trametes serialis* f. *callosa* '(Fr.) Popivan' / Pilát, 1940 / Transcarnp (1, 96).

201. **Antrodia sinuosa** (Fr.) P. Karst. — *Coriollus sinuosus* (Fr.) Bondartsev et Singer; *C. vaporarius* (Fr.) Bondartsev et Singer; *Polyporus vaporarius* Pers. : Fr.; *Poria sinuosa* (Fr.) Cooke; *P. sinuosa* var. *vaporaria* (Fr.) Pilát; *Poria incerta* Murrill; *Poria vaporaria* Pers. / KW 9960, 18886 / Bobiyak, 1907 / WP (21, 174), RP (21, 42, 174), LP (7, 21, 130, 131, 174), Rozt (1, 4), Transcarnp (1, 96), Carnp (1, 130, 174), Precarnp (1, 21, 174), WFS (21), RFS (21), LFS (21), LGMS (113, 167), RGS (130), MCr (40, 105).

202. **Antrodia vaillantii** (DC. : Fr.) Ryvarden — *Fibuloporia vaillantii* (DC. : Fr.) Bondartsev et Singer; *Polyporus vaillantii* DC. : Fr.; *Poria subtilis* (Schrad.) Bres.; *P. vaillantii* (DC. : Fr.) Cooke / KW 9962 / Bobiyak, 1907 / RP (44), LP (131, 174), Rozt (1, 4), Transcarnp (1, 7, 96), Carnp (1, 174), WFS (174), RFS (174), LFS (174), MCr (7, 174).

203. **Grifola frondosa** (Dicks. : Fr.) Gray — *Polypilus frondosus* (Dicks. : Fr.) P. Karst.; *Polyporus frondosus* Dicks. : Fr. / KW 2716 / Bobiyak, 1907 / RP (174), Rozt

(1, 4, 150, 174), Transcarp (1, 7, 96), Carp (1, 174), Precarp (1, 174), WFS (174), RFS (174), LFS (7), RGMS (118), LGMS (118, 167), RGS (118), LGS (118), MCr (40, 105, 174).

204. **Meripilus giganteus** (Pers. : Fr.) P. Karst. — *Grifola gigantea* (Pers. : Fr.) Pilát; *Polypilus giganteus* (Pers. : Fr.) Donk; *Polyporus giganteus* Pers. : Fr. / CWU (Myc) Kh-251 / Borsčów, 1869 / LP (7, 11, 174), Rozt (150), Transcarp (1, 7, 96), Carp (1, 174), RFS (7), WFS (7, 174), LFS (159), MCr (7, 40, 105, 174).

205. **Physisporinus sanguinolentus** (Alb. et Schwein. : Fr.) Pilát — *Podoporia sanguinolenta* (Alb. et Schwein.) Höhn.; *Polyporus sanguinolentus* Alb. et Schwein. : Fr.; *Poria sanguinolenta* (Alb. et Schwein. : Fr.) Cooke / Borsčów, 1869 / LP (11), Rozt (1, 4), Transcarp (1, 7, 96), Carp (1, 174), Ukraine (21).

f. **subexpallescentis** Bourdot et Galzin / Pilát, 1940 / Transcarp (1, 96).

206. **Physisporinus vitreus** (Pers. : Fr.) P. Karst. — *Podoporia vitrea* (Pers. : Fr.) Donk; *Polyporus vitreus* Pers. : Fr. / Bobiyak, 1907 / Rozt (4), Transcarp (1, 7, 96), Carp (1).

207. **Rigidoporus crocatus** (Pat.) Ryvarden — *Podoporia nigrescens* (Bres.) Bondartsev / Zerova *et al.*, 1972 / Carp (1, 174).

208. **Rigidoporus undatus**⁵ (Pers. : Fr.) Donk — *Poria undata* (Pers. : Fr.) Quél. / Demikhov's'ka, 1959 / Ukraine (21).

Fam. **Meruliaceae** P. Karst.

209. **Byssomerulius albostramineus** (Torrend) Hjortstam — *B. rubicundus* (Litsch.) Parmasto; *Merulius rubicundus* Litsch. in Pilát / Pilát, 1940 / Transcarp (1, 96).

210. **Byssomerulius corium** (Pers. : Fr.) Parmasto — *Meruliopsis corium* (Pers. : Fr.) Ginns; *Merulius corium* (Pers. : Fr.) Fr.; *M. papyrinus* (Bull.) Quél.; *Stereum ochroleucum* (Fr. : Fr.) Quél. / CWU (Myc) Cr-12, Kh-8, 54, 115a, S-2, 38; KW 1585 / Bobiyak, 1907 / RP (39, 44), LP (160), Rozt (1, 4, 174), Transcarp (1, 74, 96), Carp (1, 174), Precarp (1, 174), LFS (159), LGMS (101, 167), LGS (125).

211. **Chondrostereum purpureum** (Pers. : Fr.) Pouzar — *Stereum purpureum* Pers. : Fr. / CWU (Myc) Kh-41, 226; KW 2648-2650, 16429, 17764, 17766 / Bobiyak, 1907 / RP (44, 65, 85, 164, 174), LP (6, 170, 174), Rozt (1, 4, 150, 174), Transcarp (1, 74, 96), Carp (1, 174), WFS (20), RFS (20), LFS (20, 159, 161), RGMS (116, 118, 128, 133), LGMS (101, 113, 116, 118, 128, 133, 167, 174), DFS (52, 117), RGS (116, 118, 119, 128, 133), LGS (116, 118, 119, 128, 133), SCr (49, 50), MCr (174), Cr (20).

212. **Climacodon pulcherrimus** (Berk. et M.A. Curtis) Nikol. — *Dryodon pulcherrimus* (Berk. et M.A. Curtis) Pilát; *Hydnum pulcherrimum* Berk. et M.A. Curtis / Pilát, 1940 / RP (174), Transcarp (1, 96), RFS (88), LFS (88), SCr (50, 105), MCr (174), Cr (88).

213. **Climacodon septentrionalis** (Fr. : Fr.) P. Karst. — *Hydnum septentrionale* Fr. / Bobiyak, 1907 / RP (174), Rozt (1, 4, 174), Transcarp (1, 96).

⁵ In Zerova *et al.* (1972) the name *Poria undata* was synonymized with *Podoporia vitrea* and in this wide sense indicated for Ukrainian Carpathians (Carp).

214. **Crustoderma dryinum** (Berk. et M.A. Curtis) Parmasto — *Coniophorella crocea* (P. Karst.) Rick / Pilát, 1940 / Transcarp (1, 96).

215. **Cylindrobasidium evolvens** (Fr. : Fr.) Jülich — *Basidioradulum evolvens* (Fr. : Fr.) Parmasto; *Corticium evolvens* (Fr. : Fr.) Fr.; *C. laeve* Pers. : Fr. ss. auct. Ukr.⁶ / CWU (Myc) Kh-17, 60, 64, 182 / Borsčów, 1869 / RP (44, 174), LP (6, 11, 131), Rozt (1, 4, 174), Transcarp (96), Carp (1, 174), LFS (159), LGMS (101, 167), Ukraine (21).

216. **Dacryobolus karstenii** (Bres.) Oberw. ex Parmasto; *Stereum karstenii* Bres. / Pilát, 1940 / Transcarp (1, 96), WFS (20).

217. **Dacryobolus sudans** (Alb. et Schwein. : Fr.) Fr. — *Odontia sudans* (Alb. et Schwein. : Fr.) Bres. / CWU (Myc) S-77 / Pilát, 1940 / LP (Sumy oblast, Desnyans'ko-Starohuts'kyi National Natural Park, on strongly decayed deciduous wood, coll. A.Yu. Akulov, A.S. Usichenko VIII 2001), Transcarp (1, 96), Carp (1, 174), Precarp (1, 174), WFS (88, 174), RFS (174), LFS (174), Cr (88, 174).

218. **Gloeoporus dichrous** (Fr. : Fr.) Bres. — *Polyporus dichrous* Fr. / CWU (Myc) Kh-252 / Hizhyts'ka, 1929 / RP (44, 174), Transcarp (1, 7, 74, 96), Carp (1, 174), LFS (7, 159, 174), MCr (7, 40, 174).

219. **Gloeoporus taxicola** (Pers. : Fr.) Gilb. et Ryvarden — *Meruliopsis taxicola* (Pers. : Fr.) Bondartsev in Parmasto; *Polyporus rufus* Schrad.; *Poria taxicola* (Pers. : Fr.) Bres. / CWU (Myc) Kh-127 / Bobiyak, 1907 / WP (103), RP (103, 174), LP (131), Rozt (1, 4), LFS (159), RGMS (118), LGMS (101, 118, 167, 174), RGS (118), LGS (118).

220. **Mycoaciella bispora** (Stalpers) J. Erikss. et Ryvarden — *Sarcodontia denticulata* (Pers. non auct.) Nikol. / Nikolajeva, 1961 / LGMS (167), Cr (88, 174).

221. **Phlebia aurea** (Fr. : Fr.) Nakasone — *Acia stenodon* (Pers.) Bourdot et Galzin; *Sarcodontia stenodon* Nikol. / Pilát, 1940 / Transcarp (1, 96), Carp (1, 174).

222. **Phlebia bresadolae** Parmasto — *Corticium deflectens* ss. Bres., 1903 non (P. Karst.) P. Karst., 1889 / Bondartsev, 1927 / LP (6).

223. **Phlebia centrifuga** P. Karst. — *Phlebia mellea* Overh. / Pilát, 1940 / Transcarp (1, 96).

var. **roseoinhalata** Pilát — *Phlebia mellea* var. *roseoinhalata* Pilát / Pilát, 1940 / Transcarp (1, 96).

var. **roseomarginata** Pilát — *Phlebia mellea* var. *roseomarginata* Pilát / Pilát, 1940 / Transcarp (1, 96).

224. **Phlebia fuscoatra** (Fr. : Fr.) Nakasone — *Hydnum fuscoatrum* Fr. : Fr.; *Mycoleptodon fuscoater* (Fr. : Fr.) Pilát; *Odontia fuscoatra* (Fr. : Fr.) Bres.; *Radulum membranaecum* (Bull. : Fr.) Bres.; *Steccherinum fuscoatrum* (Fr. : Fr.) Gilb. / Pilát, 1940 / WP (174), RP (174), LP (174), Rozt (1, 174), Transcarp (1, 96), Carp (1, 174), WFS (174), LFS (88, 174), RFS (88, 174), LGMS (167), FSCr (174), MCr (174), SSCr (174), Cr (88).

⁶ The description of *Corticium laeve* Fr. in Zerova et al. (1972: 28) in general fits to the species concept of *Cylindrobasidium evolvens* except of spore form (cylindrical in this source versus pip-shaped or citriform in typical *C. evolvens*).

⁷ The single examined herbarium specimen is very poor, without cystidia and mature basidia and so the more correct formulation of its identification should be *Dacryobolus* cf. *sudans*.

225. **Phlebia livida** (Pers. : Fr.) Bres. — *Corticium lividum* Pers. : Fr. / Bobiyak, 1907 / Rozt (1, 4), Transcarp (1, 96).

226. **Phlebia radiata** Fr. : Fr. — *Phlebia aurantiaca* (Sowerby) J. Schröt.; *Ph. merismoides* (Fr. : Fr.) Fr. / CWU (Myc) Kh-28a, 175, 178 / Lévillé, 1842 / RP (44), LP (170), Rozt (1, 4, 174), Transcarp (1, 96), Carp (1, 174), Precarp (1, 174), LFS (159), LGMS (167), MCr (73).

227. **Phlebia rufa** (Pers. : Fr.) M.P. Christ. — *Merulius phlebioides* Bourdot et Galzin; *M. rufus* Pers. : Fr. / CWU (Myc) Kh-10, 13 / Gutsevich, 1940; Pilát, 1940 / Rozt (1, 174), Transcarp (1, 74, 96), Carp (1, 174), Precarp (1, 174), RFS (147), LFS (125, 159), LGMS (167), DFS (125), RGS (119), LGS (119), MCr (40, 174).

228. **Phlebia serialis** (Fr. : Fr.) Donk — *Peniophora serialis* (Fr. : Fr.) Höhn. et Litsch. / Bondartsev, 1927 / LP (6, 174).

229. **Phlebia subochracea** (Bres.) J. Erikss. et Ryvarden — *Acia subochracea* (Bres.) Bourdot et Galzin; *Mycoacia subochracea* (Bres.) Parmasto; *Ph. plumbea* Parmasto; *Sarcodontia subochracea* (Bres.) Nikol. / Pilát, 1940 / KW 18343, 18891 / LP (132), Transcarp (1, 96), Carp (1, 174), Precarp (1, 174), WFS (88).

230. **Phlebia tremellosa** (Schröd. : Fr.) Nakasone et Burds. — *Merulius tremellosus* Schröd. : Fr. / CWU (Myc) Kh-169 / Bobiyak, 1907 / RP (44, 85, 174), LP (170, 174), Rozt (1, 4, 174), Transcarp (1, 96), Carp (1, 94, 174), Precarp (1, 174), RFS (174), LFS (159), RGMS (118, 121), LGMS (167, 118, 121), RGS (118, 121), LGS (118, 121), MCr (40, 174).

231. **Phlebia uda** (Fr. : Fr.) Nakasone — *Acia uda* (Fr. : Fr.) Bourdot et Galzin; *Mycoacia uda* (Fr. : Fr.) Donk; *Sarcodontia uda* (Fr. : Fr.) Nikol. / Pilát, 1940 / WP (174), RP (174), LP (174), VFS (174), Rozt (1, 174), Transcarp (1, 96), Carp (1, 174), Precarp (1, 174), WFS (88), LGMS (174), Cr (88, 174).

232. **Resinicium bicolor** (Alb. et Schwein. : Fr.) Parmasto — *Hydnum subtile* Fr. : Fr.; *Odontia bicolor* (Alb. et Schwein. : Fr.) Quél. / CWU (Myc) R-3 / Pilát, 1940 / Rozt (1, 4), Transcarp (1, 96), Carp (1, 174), Precarp (1, 174), WFS (88, 174), RFS (88, 174), LFS (88, 174).

233. **Scopuloides rimosa** (Cooke) Jülich — *Odontia hydnoides* (Cooke et Massee) Höhn.; *S. hydnoides* (Cooke et Massee) Hjortstam et Ryvarden / Pilát, 1940 / Transcarp (1, 96), Carp (1, 174), Precarp (1, 174), WFS (88), SCr (50), Cr (88, 174).

Fam. **Phanerochaetaceae** Jülich

234. **Ceraceomyces borealis** (Romell) J. Erikss. et Ryvarden — *Merulius borealis* Romell / Pilát, 1940 / Transcarp (1, 96).

235. **Ceraceomyces microsporus** K.H. Larss. in K.H. Larss. et E. Larss. / CWU (Myc) Kh-46, S-16 / Usichenko, 2002 / LP (Sumy oblast, Desnyans'ko-Starohuts'kyi National Natural Park, on fallen branches of unknown deciduous species, coll. A.Yu. Akulov, A.S. Usichenko VIII 2001), LFS (159).

236. **Ceraceomyces serpens** (Tode : Fr.) Ginns — *Merulius crispatus* O.F. Müll. : Fr.; *M. porinoides* Fr. : Fr.; *M. porinoides* ssp. *crispatus* (O.F. Müll. : Fr.) Bourdot et Galzin / CWU (Myc) S-28 / Pilát, 1940 / LP (Sumy oblast, Desnyans'ko-Starohuts'kyi National Natural Park, on still-attached branches of *Acer* sp., coll.

A.Yu. Akulov, A.S. Usichenko VIII 2001), Rozt (1, 174), Transcarp (1, 74, 96), Carp (1, 174), Precarp (1, 174).

237. **Hyphodermella corrugata** (Fr.) J. Erikss. et Ryvarden — *Odontia junquillea* Quél. / Pilát, 1940 / Transcarp (1, 96), Carp (1, 174), Precarp (1, 174), WFS (88).

238. **Phanerochaete deflectens** (P. Karst.) Hjortstam — *Grandinia deflectens* P. Karst. / Pilát, 1940 / LP (174), Transcarp (1, 96), Carp (1, 174), WFS (88), RFS (147).

239. ***Phanerochaete jose-ferreirae** (D.A. Reid) D.A. Reid / CWU (Myc) S-9 / LP (Sumy oblast, near Znob'-Novhorods'kyi settlement, leaf forest, on strongly decayed branch of cf. *Populus*, coll. A.Yu. Akulov, A.S. Usichenko VIII 2001).

240. **Phanerochaete laevis** (Pers. : Fr.) J. Erikss. et Ryvarden — *Kneiffia laevis* (Pers. : Fr.) Bres.; *Peniophora affinis* Burt; *P. laevis* (Pers. : Fr.) Burt. / CWU (Myc) Kh-22, 40 / Solomakhina, 1956 / WP (140, 136), RFS (147), LFS (159).

241. **Phanerochaete magnoliae** (Berk. et M.A. Curtis) Burds. — *Radulum cumulodentatum* Nikol. / Solomakhina, 1998 / RFS (147).

242. **Phanerochaete sanguinea** (Fr. : Fr.) Pouzar — *Peniophora sanguinea* (Fr. : Fr.) Höhn. et Litsch. / Pilát, 1940 / LP (6, 174), Transcarp (1, 96), Carp (1, 174).

243. **Phanerochaete sordida** (P. Karst.) J. Erikss. et Ryvarden — *Peniophora cremea* (Bres.) Sacc. et Syd. / CWU (Myc) S-8, 23a, 36, 52 / Pilát, 1940 / Transcarp (1, 96), Carp (1, 174), LFS (159).

244. **Phanerochaete tuberculata** (P. Karst.) Parmasto — *Corticium lacteum* (Fr. : Fr.) Fr. / KW 1116 / Bobiyak, 1907 / RP (44, 174), LP (6, 174), Rozt (4, 174), Transcarp (96), Carp (174), DFS (117).

245. **Phanerochaete velutina** (DC. : Fr.) P. Karst. — *Kneiffia velutina* (DC. : Fr.) Bres.; *Peniophora velutina* (DC. : Fr.) Cooke / CWU (Myc) S-46 / Bondartsev, 1927 / WP (144), LP (6, 174), Transcarp (1, 96), Carp (1, 174).

246. **Phlebiopsis gigantea** (Fr. : Fr.) Jülich — *Corticium giganteum* (Fr. : Fr.) Fr.; *Peniophora gigantea* (Fr. : Fr.) Masee; *Phlebia gigantea* (Fr. : Fr.) Donk / CWU (Myc) Do-1 / Bondartsev, 1927 / WP (17), RP (17, 44, 174), LP (5, 131, 174), Transcarp (1, 96), Carp (1, 174), RGMS (118, 121), LGMS (118, 121, 125, 167, 174), DFS (Donetsk oblast, Krasnolymans'kyi State Forest Economy, Torskoe forestry, on stump of *Pinus sylvestris*, coll. A.S. Usichenko IX 2002), RGS (118, 121), LGS (118, 121), MCr (53), Ukraine (21).

247. **Porostereum spadiceum** (Pers. : Fr.) Hjortstam et Ryvarden — *Lloydella spadicea* (Pers. : Fr.) Bres.; *Lopharia spadicea* (Pers. : Fr.) Boidin; *Stereum spadiceum* (Fr. : Fr.) Quél. / CWU (Myc) Kh-25, 189 / Bobiyak, 1907 / LP (6, 160), Rozt (1, 4), Transcarp (1, 96), WFS (20), LFS (159), Cr (20).

248. **Terana caerulea** (Lam. : Fr.) Kuntze — *Corticium caeruleum* (Lam. : Fr.) Fr. / Bobiyak, 1907 / Rozt (1, 4), RGS (66), LGS (66), SSCr (53).

Fam. Podoscyphaceae D.A. Reid

249. **Cotylidia pannosa** (Sowerby : Fr.) D.A. Reid — *Thelephora pallida* (Pers. : Fr.) Pers. / Bobiyak, 1907 / Rozt (1, 4).

250. **Cyphellostereum laeve** (Fr. : Fr.) D.A. Reid — *Cyphella muscicola* Pers.; *C. muscigena* (Pers.) Fr. / KW 40764 / Bobiyak, 1907 / Rozt (4, 174), Transcarnp (1, 96), Carnp (1, 174), MCr (67, 174).

Fam. **Polyporaceae** Corda

251. **Amyloporia xantha** (Fr.) Bondartsev et Singer — *Antrodia xantha* (Fr.) Ryvarden; *Poria calcea* var. *xantha* Bourdot et Galzin; *P. xantha* (Fr. : Fr.) Cooke ss. Bres. / Bobiyak, 1907 / LP (130, 131), Transcarnp (1, 7, 96), Carnp (1, 130, 174), MCr (40, 130, 174).

252. **Cerrena unicolor** (Bull. : Fr.) Murrill — *Daedalea latissima* Fr.; *D. unicolor* Bull. : Fr.; *Trametes unicolor* (Bull. : Fr.) Pilát / KW 2670, 2671, 28762, 28770, 40182, 40183 / Borsčow, 1869 / RP (44, 162, 174), LP (11, 170), Rozt (1, 4, 150, 174), Transcarnp (1, 74, 96, 109), Carnp (1, 174), Precarnp (1, 174), WFS (48, 148, 174), RFS (147), LFS (16, 57), RGMS (116, 118, 128), LGMS (101, 116, 118, 128, 167), DFS (57, 78, 117), RGS (116, 118, 119, 128), LGS (116, 118, 119, 128), SCr (49, 50, 105), MCr (40, 105, 174).

253. **Corioloopsis gallica** (Fr.) Ryvarden — *C. gallica* f. *resupinato-reflexa* Bourdot et Galzin; *Funalia extenuata* (Durieu et Mont.) Domański; *F. gallica* (Fr.) Bondartsev et Singer / Bondartsev, 1953 / RGMS (115), LGMS (114, 115, 167), RGS (115), LGS (115), SCr (50, 105), MCr (7, 105, 174), SSCr (105).

254. **Corioloopsis trogii** (Berk. in Trog) Domański — *Funalia trogii* (Berk.) Bondartsev et Singer; *Trametes hispida* Bagl.; *T. trogii* Berk. / CWU (Myc) Kh-141, 171 / Yavorskii, 1915 / LP (103, 160, 170, 174), WP (174), RP (174), Rozt (150), Carnp (1, 174), Precarnp (1, 174), RFS (147), LFS (159), RGMS (118, 128), LGMS (101, 118, 128, 167), DFS (52), RGS (118, 119, 128), LGS (118, 119, 128), MCr (40), SSCr (51).

255. **Daedaleopsis confragosa** (Bolton : Fr.) J. Schröt. — *Daedalea confragosa* Bolton : Fr.; *Trametes confragosa* (Bolton : Fr.) Rabenh. / CWU (Myc) Kh-253 / Bobiyak, 1907 / WP (142, 174), RP (174), LP (160), Rozt (1, 4, 150, 174), Transcarnp (1, 7, 96, 107–110), Carnp (1, 106, 174), Precarnp (1, 174), WFS (174), RFS (98, 145, 147), LFS (159, 161), LGMS (113), LGS (165), MCr (7).

f. **bulliardii** (Fr.) Donk / Bobiyak, 1907 / Rozt (1, 4), RGMS (118), LGMS (118, 127, 167), RGS (118), LGS (118).

f. **rubescens** (Alb. et Schwein.) Donk — *Daedalea confragosa* f. *rubescens* (Alb. et Schwein.) Donk; *Trametes rubescens* (Alb. et Schwein.) Fr. / Petrak, 1925 / Transcarnp (109), Carnp (94), LGMS (167), MCr (40).

256. **Daedaleopsis tricolor** (Bull. : Fr.) Bondartsev et Singer — *Daedaleopsis confragosa* var. *tricolor* (Bull. : Fr.) Bondartsev; *Lenzites tricolor* Bull. : Fr.; *Trametes confragosa* f. *tricolor* Bull. : Fr. / CWU (Myc) Khm-1; KW 9937 / Pilát, 1940 / LP (7), Transcarnp (1, 7, 74, 96, 109), WFS (7, 148), RFS (98), LGMS (167), MCr (7).

257. **Datronia mollis** (Sommerf. : Fr.) Donk — *Antrodia mollis* (Sommerf. : Fr.) P. Karst; *Trametes mollis* Sommerf. : Fr. / CWU (Myc) Kh-70, 86, 88 / Bobiyak, 1907 / Rozt (1, 174), Transcarnp (1, 96), Carnp (1, 174), LFS (159), LGMS (167), RGS (119), LGS (119), MCr (7, 174), Cr (105).

258. **Datronia stereoides** (Fr. : Fr.) Ryvarden — *Trametes stereoides* (Fr. : Fr.) Bourdot et Galzin / Pilát, 1940 / Transcarnp (1, 96).

259. **Dichomitus campestris** (Quél.) Domański et Orlicz — *Coriolellus campestris* (Quél.) Bondartsev; *Trametes campestris* Quél. / CWU (Myc) Kh-163 / Pilát, 1940 / Transcarnp (1, 96), Carnp (1, 174), LFS (159), LGMS (101, 174), MCr (7, 105, 174).

260. **Dichomitus squalens** (P. Karst.) D.A. Reid — *Coriolellus squalens* (P. Karst.) Bondartsev et Singer; *Trametes squalens* P. Karst. / CWU (Myc) Kh-107, 138 / Gutsevich, 1940 / RP (174), LFS (159), LGMS (101, 174), MCr (7, 40, 174).

261. **Fomes fomentarius** (L. : Fr.) Fr. — *Polyporus fomentarius* L. : Fr. / KW 18353, 18355–18357, 18359, 18361, 18362, 18364, 18365, 18374, 18375, 18377–18381 / Borsčow, 1869 / WP (71, 137, 138, 140, 143, 174), RP (44, 162, 174), LP (11, 160, 170, 174), Rozt (1, 4, 150, 174), Transcarnp (1, 74, 96, 107–110), Carnp (1, 24, 36, 38, 155, 174), Precarnp (1, 174), WFS (48, 68, 174), RFS (3, 98, 145, 147), LFS (57, 159, 161), RGMS (72, 115, 116, 120, 128, 133), LGMS (83, 101, 113, 115, 116, 120, 128, 133, 167, 174), DFS (52, 57, 117, 174), RGS (115, 116, 120, 128, 133), LGS (115, 116, 120, 128, 133), SCr (12, 49, 105, 174), FSCr (105, 174), MCr (40, 73, 105, 152, 174), SSCr (105, 174).

262. **Haploporus suaveolens** (L. : Fr.) Donk — *Haploporus odoratus* (Sommerf. : Fr.) Bondartsev et Singer; *Trametes odora* Sommerf. : Fr. / Bobiyak, 1907 / Rozt (1, 4).

263. **Laetiporus sulphureus** (Bull. : Fr.) Murrill — *Grifola sulphurea* (Bull. : Fr.) Pilát; *L. sulphureus* f. *imbricatus* (Fr.) Bondartsev et Singer; *Polyporus sulphureus* Bull. : Fr. / CWU (Myc) Kh-254; KW 17545, 17548, 17559, 17561, 17562, 17578, 17604, 17608, 17609, 17612, 17615, 17617, 17620 / Val'ts, Rishavi, 1871 / WP (71, 137–139, 174), RP (44, 65, 77, 162, 174), LP (5, 131, 160, 170), Rozt (1, 4, 150, 174), Transcarnp (1, 74, 96, 107, 109), Carnp (1, 111, 174), Precarnp (158), WFS (48, 68, 174), RFS (145, 147, 174), LFS (15, 16, 56, 57, 159, 161, 174), RGMS (115, 116, 120, 128, 174), LGMS (100, 101, 113, 115, 116, 120, 128, 167), DFS (52, 57, 117, 174), RGS (115, 116, 119, 120, 128), LGS (115, 116, 119, 120, 128), SCr (50, 105), MCr (40, 105, 174), Cr (59).

264. **Laricifomes officinalis** (Vill. : Fr.) Kotl. et Pouzar — *Fomitopsis officinalis* (Vill. : Fr.) Bondartsev et Singer / Zerova *et al.*, 1972 / Rozt (1, 174), Carnp (1, 174).

265. **Lenzites betulina** (L. : Fr.) Fr. — *Lenzites variegata* Fr. / CWU (Myc) Kh-255; KW 9929–9932, 28769 / Bobiyak, 1907 / WP (71, 140, 174), RP (85, 174), LP (160, 170, 174), Rozt (1, 4, 150, 174), Transcarnp (1, 96, 107, 109), Carnp (1, 94, 174), Precarnp (1, 174), WFS (148, 174), RFS (98, 145, 147), LFS (10, 16, 31, 57, 159, 161, 174), RGMS (115, 118, 128), LGMS (113, 115, 118, 128, 167), DFS (57), RGS (115, 118, 119, 128), LGS (115, 118, 119, 128), MCr (40, 174).

f. **flaccida** Bondartsev / Morochkovs'ka, 1965; Smitskaya, 1965 / RP (77), Transcarnp (109).

266. **Lenzites warnieri** Durieu et Mont. in Mont. / CWU (Myc) Kh-134 / Usichenko, 2002 / LFS (159).

267. **Pachykytospora tuberculosa** (DC. : Fr.) Kotl. et Pouzar — *Coriolellus colliculosus* (Pers.) Bondartsev; *Trametes colliculosa* (Pers.) S. Lundell et Nannf.; *T. micans* Bres. / KW 155 / Gutsevich, 1940; Pilát, 1940 / Transcarnp (1, 7, 96), Carnp (1, 174), RGMS (120, 123), LGMS (120, 123, 167), RGS (120, 123), LGS (120, 123), MCr (7, 40, 174).

268. **Perenniporia fraxinea** (Bull. : Fr.) Ryvarden — *Fomitopsis cytisina* (Berk.) Bondartsev et Singer; *Polyporus fraxineus* Bull. : Fr. / KW 19040 / Bobiyak, 1907 /

RP (173), LP (7), Rozt (1, 4), RGMS (128), LGMS (128, 167), RGS (128), LGS (128), FSCr (105, 174), MCr (7), Cr (105).

269. **Perenniporia medulla-panis** (Jacq. : Fr.) Donk — *Fomitopsis unita* (Pers.) Bondartsev; *F. unita* var. *multistratosa* Pilát; *F. unita* var. *prunicola* Pilát; *Polyporus medulla-panis* Jacq. : Fr.; *Poria medulla-panis* Fr. / Léveillé, 1842 / RP (44, 174), LP (7), Rozt (1, 4), Transcarp (1, 7, 96), Carp (1, 174), WFS (7, 148, 174), RFS (174), MCr (7, 40, 73, 174), Cr (105), Ukraine (21).

270. **Perenniporia tenuis** (Schwein.) Ryvarden — *Fomitopsis unita* var. *pulchella* (Schwein.) Bourdot et Galzin / Bondartsev, 1953 / LP (7), WFS (7).

271. **Phaeolus schweinitzii** (Fr.) Pat. — *Polyporus schweinitzii* Fr. / CWU (Myc) Kh-219 / Yavorskii, 1915 / WP (71, 141, 174), RP (65, 174), LP (131, 170), Transcarp (1, 7), Carp (1, 106, 174), WFS (174), RGMS (119, 128), LGMS (118, 128, 167), DFS (52), LGS (118, 126, 128), RGS (118, 128), SCr (12), FSCr (105, 174), MCr (105), Cr (7).

272. **Polyporus alveolaris** (DC. : Fr.) Bondartsev et Singer / CWU (Myc) Kh-155 / Bondartsev, 1953 / WP (174), LP (7), Rozt (1, 174), Carp (1, 174), RFS (147), LFS (159), RGMS (116), LGMS (116, 167), RGS (116), LGS (116, 165), MCr (7, 174), Cr (105).

273. **Polyporus arcularius** Batsch. : Fr. — *Polyporellus arcularius* (Batsch) P. Karst.; *Polyporus agariceus* Berk.; *P. anisoporus* Delastre et Mont.; *P. arcularius* f. *griseus* Pilát; *P. arcularius* f. *umblicatus* (Saut.) Pilát / CWU (Myc) Kh-233; KW 18430, 18461- 18463, 18468, 18469, 18471, 18475, 18479, 18485 / Yavorskii, 1915 / WP (41, 174), LP (170), Rozt (1, 174), Transcarp (1, 7, 74, 96), Carp (1, 24, 174), RFS (145, 147), LFS (159, 161), RGMS (116, 120, 123, 126, 133), LGMS (100, 101, 113, 116, 120, 123, 133, 167, 174), DFS (52, 117), RGS (116, 120, 123, 133), LGS (116, 120, 123, 133, 165), MCr (40, 105, 174).

274. **Polyporus badius** (Pers.) Schwein. — *Polyporellus picipes* (Fr.) P. Karst.; *Polyporus picipes* Fr.; *P. picipes* f. *carpaticus* Pilát / Bobiyak, 1907 / KW 18458 / RP (174), LP (170), Rozt (1, 4, 174), Transcarp (1, 7, 74, 96, 108), Carp (1, 174), LGMS (167), DFS (52), MCr (7, 40, 105, 174).

275. **Polyporus brumalis** Pers. : Fr. — *Polyporellus brumalis* (Pers.) P. Karst.; *Polyporus brumalis* f. *gracilis* Bourdot et Galzin, *P. brumalis* f. *incendiarius* '(Bong.) Pilát'; *P. brumalis* f. *lepideus* (Fr.) Pilát; *P. subarcularius* (Donk) Bondartsev / CWU (Myc) Kh-195; KW 18481, 45204-45206 / Bobiyak, 1907 / WP (174), RP (44, 174), LP (170), Rozt (4, 174), Transcarp (7, 96), Carp (36, 38, 174), Precarp (174), WFS (7, 174), RFS (147), LFS (16, 56, 174), LGMS (101), DFS (52), MCr (7, 40, 105, 174).

276. **Polyporus ciliatus** Fr. — *Polyporus brumalis* f. *vernalis* Weinm.; *P. ciliaris* Fr. / Hizhyts'ka, 1929 / RP (44), LGMS (167), Ukraine (7).

277. **Polyporus leptcephalus** Pers. : Fr. — *Polyporellus varius* (Fr.) P. Karst.; *Polyporus varius* Pers. : Fr. / CWU (Myc) Kh-145 / Bobiyak, 1907 / RP (44, 174), Rozt (1, 4, 174), Transcarp (1, 74, 96, 109), Carp (1, 24, 36, 38, 174), RFS (147), LFS (159, 161), RGMS (116), LGMS (116, 167), DFS (117), RGS (116, 119), LGS (116, 119), MCr (40, 105, 174).

var. **elegans** (Fr.) Gillot et Lucand / Gutsevich, 1940 / LGMS (167), MCr (40).

var. **nummularius** Bull. : Fr. — *Polyporus nummularius* Bull. / Léveillé, 1842 / LP (7), WFS (7), MCr (7, 40, 73).

var. **podlachicus** (Bres.) Bondartsev / Bondartsev, 1953 / Western Ukraine (7).

f. **cyathiformis** Bourdot et Galzin / Bondartsev, 1953 / Transcarp (1, 7).

f. **flexuosus** Bourdot et Galzin / Bondartsev, 1953 / Transcarp (1, 7).

f. **squamigerus** Pilát / Bondartsev, 1953 / Transcarp (7).

f. **undulatus** Pilát / Bondartsev, 1953 / Transcarp (1, 7).

f. **undulatolobatus** Bourdot et Galzin / Bondartsev, 1953 / Transcarp (7).

278. **Polyporus melanopus** (Pers. : Fr.) Fr. — *Polyporellus melanopus* (Pers.) P. Karst.; *Polyporus melanopus* Sw. : Fr.; *Polyporus melanopus* f. *brumaliformis* Pilát / Bobiyak, 1907 / Rozt (1, 4, 7, 174), Transcarp (1, 96), Carp (1, 174), LGMS (167), MCr (105).

279. **Polyporus rhizophilus** (Pat.) Sacc. / Zerova, 1957 / LGMS (167, 173, 174), LGS (114, 165).

280. **Polyporus squamosus** Huds. : Fr. — *Polyporellus squamosus* (Huds. : Fr.) P. Karst.; *Polyporus caudicinus* (Schaeff.) J. Schröt. / CWU (Myc) Kh-256; KW 10725, 10726, 10730, 10733, 18047, 18048, 18084, 18086, 18090–18092, 18099, 18101, 18105, 18106, 18108–18110, 18869–18884, 28862–28864, 40107, 40190 / Bobiyak, 1907 / WP (137, 139), RP (44, 65, 77), LP (160, 170), Rozt (1, 4, 150), Transcarp (1, 74, 96, 107–110), Carp (1, 24), Precarp (1, 158), WFS (48, 68), RFS (3, 145, 147), LFS (10, 31, 56, 57, 79, 159, 161), RGMS (23, 115, 116, 118, 120, 123, 128, 133, 172), LGMS (80, 83, 84, 113, 115, 116, 118, 120, 123, 128, 133, 167), DFS (52, 57, 78, 117), RGS (115, 116, 118–120, 123, 128, 133), LGS (82, 115, 116, 118, 119, 120, 123, 128, 133, 165), MCr (7, 40, 105), SSCr (75), Cr (59).

f. **polymorphus** (Bull.) P.W. Graff / Solomakhina, 1958 / WP (139), LGMS (101, 167).

281. **Polyporus tuberaster** Jacq. : Fr. — *Polyporellus squamosus* f. *coronatus* (Rostk.) Pilát; *Polyporus coronatus* Rostk. in Sturm; *P. forquignonii* Quél. / Gutsevich, 1940; Pilát, 1940 / RP (174), LP (7), Transcarp (1, 7, 96), Carp (1, 174), RGMS (114), LGMS (167), DFS (117), MCr (7, 40, 105, 174).

282. **Polyporus umbellatus** Pers. : Fr. — *Dendropolyporus umbellatus* (Fr.) Jülich; *Grifola umbellata* (Fr.) Pilát; *Polypilus umbellatus* (Fr.) Bondartsev et Singer / CWU (Myc) Kh-257 / Bobiyak, 1907 / Rozt (1, 2, 4, 150, 174), Transcarp (1, 174), Carp (24), Precarp (174), WFS (7, 174), RFS (97, 99, 147, 174), LFS (159), MCr (105, 174).

283. **Pycnoporellus alboluteus** (Ellis et Everh.) Kotl. et Pouzar — *Hapalopilus alboluteus* (Ellis et Everh.) Bondartsev et Singer / Pilát, 1940 / Transcarp (1, 7, 96), Carp (1, 174).

284. **Pycnoporellus fulgens** (Fr.) Donk — *Hapalopilus fibrillosus* (P. Karst.) Bondartsev et Singer; *Phaeolus fibrillosus* (P. Karst.) A. Ames; *Pycnoporellus fibrillosus* (P. Karst.) Murrill / Pilát, 1940 / RP (174), LP (7), Transcarp (1, 7, 96), Carp (1, 174), RGMS (118), LGMS (118, 167), RGS (118), LGS (118).

285. **Pycnoporus cinnabarinus** (Jacq. : Fr.) P. Karst. — *Trametes cinnabarina* Fr. / CWU (Myc) Kh-228 / Bobiyak, 1907 / RP (174), LP (160, 170), Rozt (1, 4, 174), Transcarp (1, 74, 96, 109), Carp (1, 36, 38, 174), WFS (148), LFS (159, 161), RGMS (121), LGMS (121, 167), RGS (119, 121), LGS (119, 121), MCr (40, 151, 174), Cr (105).

286. **Pyrofomes demidoffii** (Lév.) Kotl. et Pouzar — *Fomes demidoffii* (Lév.) Cooke; *Phellinus demidoffii* (Lév.) Bondartsev et Singer; *Polyporus demidoffii* Lév. /

KW 17660 / Léveillé, 1842 / RGMS (115, 120, 123), LGMS (115, 120, 123, 167), DFS (117), RGS (115, 120, 123), LGS (114, 115, 120, 123), MCr (7, 40, 73), SSCr (105, 174).

287. **Skeletocutis amorpha** (Fr.) Kotl. et Pouzar — *Gloeoporus amorphus* (Fr.) Clem. et Shear; *G. amorphus* f. *resupinatus* Bres.; *G. amorphus* f. *vitreus* (Quél.) Bourdot et Galzin; *Polyporus amorphus* Fr. / Hizhyts'ka, 1929 / WP (130, 174), RP (44), LP (130, 131), Transcarp (1, 7, 96), Carp (1, 130, 174), Precarp (1, 130, 174), WFS (7), LGMS (101, 167, 174), RGS (130), MCr (7, 40, 130, 174).

288. **Skeletocutis lenis** (P. Karst.) Niemelä — *Amyloporia lenis* (P. Karst.) Bondartsev et Singer; *A. lenis* f. *bullosa* (Weinm.) Bondartsev et Singer; *Poria calcea* (Fr.) Bres. / Pilát, 1940 / LP (130, 131), Transcarp (1, 7, 96), Carp (1, 174), RGMS (118, 126), LGMS (118, 167), RGS (118), LGS (118).

f. **lunulispora** (Pilát) Pilát — *Amyloporia lenis* var. *lunulispora* Pilát; *Poria lunulisporea* Pilát / Bondartsev, 1953 / Transcarp (1, 7).

f. **radicata** Bondartsev — *Amyloporia lenis* var. *radicata* Bondartsev / Bondartsev, 1953 / MCr (7).

289. **Skeletocutis nivea** (Jungh.) Jean Keller — *Leptoporus semisupinus* (Berk. et M.A. Cutris) Pilát; *Polyporus semipileatus* Peck; *Tyromyces semipileatus* (Peck) Murrill / CWU (Myc) Kh-80, 81, 104, 144 / Gutsevich, 1940; Pilát, 1940 / LP (7), Transcarp (1, 7, 96), Carp (1, 174), WFS (7, 174), RFS (174), LFS (159), LGMS (101, 174), MCr (7, 40, 105, 174), Cr (105).

290. **Skeletocutis odora** (Sacc.) Ginns — *Ceriporia gilvella* (Pilát) Bondartsev; *Poria gilvella* Pilát / Pilát, 1940 / Transcarp (1, 7, 96), Carp (1, 174).

291. **Skeletocutis stellae** (Pilát) Jean Keller — *Incrustoporia stellae* (Pilát) Dománski; *Fomitopsis stellae* (Pilát) Bondartsev / KW 19043 / Zerova et al., 1972 / Carp (1, 174), LGMS (167).

292. **Skeletocutis subincarnata** (Peck) Jean Keller — *Incrustoporia subincarnata* (Peck) Dománski / CWU (Myc) Kh-113 / Zerova et al., 1972 / LP (7, 131), Transcarp (7), Carp (1), RFS (147), LFS (159), LGMS (101, 174).

293. **Skeletocutis vulgaris** (Fr.) Niemelä et Y.C. Dai — *Polyporus vulgaris* Fr., 1821 non 1874; *Poria vulgaris* (Fr.) Cooke / Bobiyak, 1907 / RP (174), Rozt (4), Carp (174).

294. **Trametes cervina** (Schwein.) Bres. — *Coriolus cervinus* (Schwein.) Bondartsev / KW 179 / Gutsevich, 1940; Pilát, 1940 / RP (174), LP (7), Transcarp (1, 7, 96), Carp (1, 174), WFS (7, 174), RGMS (120, 123), LGMS (101, 120, 123, 167), RGS (120, 123), LGS (120, 123), MCr (7, 40, 105, 174).

295. **Trametes gibbosa** Pers. : Fr. — *Daedalea gibbosa* Pers.; *Pseudotrametes gibbosa* (Pers.) Bondartsev et Singer / CWU (Myc) Kh-188, 229 / Bobiyak, 1907 / WP (140, 174), RP (44, 174), LP (160, 170), Rozt (1, 4, 150, 174), Transcarp (1, 7, 74, 96, 107, 108, 109, 110), Carp (1, 36, 38, 174), Precarp (1, 174), WFS (174), RFS (147), LFS (159, 161), RGMS (121), LGMS (121, 167), RGS (119, 121), LGS (119, 121), MCr (40).

f. **kalchbrenneri** Fr. — *Trametes kalchbrenneri* Fr. / Bobiyak, 1907 / Rozt (1, 4).

f. **tenuis** Pilát — *Pseudotrametes gibbosa* f. *tenuis* Pilát / Pilát, 1940 / Transcarp (1, 7, 96).

296. **Trametes hirsuta** (Wulfen : Fr.) Pilát — *Coriolus hirsutus* (Wulfen : Fr.) Quél.; *Polyporus hirsutus* Wulfen : Fr.; *Polystictus hirsutus* Wulfen : Fr. / CWU (Myc)

Kh-220; KW 9993–9999, 28805–28811, 40508 / Borsčow, 1869 / WP (41, 140), RP (44, 65, 77, 85, 171, 174), LP (11, 160, 170), Rozt (1, 4, 150, 174), Transcarp (1, 7, 74, 96, 107–109), Carp (1, 94, 174), Precarp (1, 174), WFS (68, 148, 174), RFS (98, 145, 147, 174), LFS (57, 159, 161), RGMS (116, 118, 133), LGMS (113, 116, 118, 127, 133, 167), DFS (99, 117), RGS (116, 118, 119, 133), LGS (116, 118, 119, 133), FSCr (105), SCr (105), MCr (40, 105, 174).

f. **fagicola** '(Vet.) Pilát' / Bondartsev, 1953 / Transcarp (1, 7, 109).

f. **fibula** (Fr.) Bondartsev / Bondartsev, 1953 / LP (7).

297. **Trametes ochracea** (Pers.) Gilb. et Ryvarden — *Coriolus zonatus* (Nees : Fr.) Quél.; *Polyporus hirsutus* var. *fusco-marginatus* Bres.; *P. zonatus* Nees : Fr.; *Trametes zonata* (Nees : Fr.) Pilát in Kavina et Pilát / CWU (Myc) Kh-140 / Borsčow, 1869 / WP (142), RP (42, 162, 164, 174), LP (11, 160, 170, 174), Rozt (1, 4, 150, 174), Transcarp (1, 74, 96, 109), Precarp (1, 174), RFS (98, 145, 147), LFS (159, 161), RGMS (115, 116, 118, 120, 133), LGMS (113, 115, 116, 118, 120, 133, 167), DFS (117), RGS (115, 116, 118–120, 133), LGS (115, 116, 118, 119, 120, 133), FSCr (105), SCr (49, 50, 105), MCr (40, 105, 174).

298. **Trametes pubescens** (Schumach. : Fr.) Pilát — *Coriolus pubescens* (Schumach. : Fr.) Quél.; *Polyporus pubescens* Schumach. : Fr. / KW 1113 / Bobiyak, 1907 / RP (44, 85), Rozt (1, 4, 150), Transcarp (1, 96, 109), Precarp (1), RFS (147), LFS (10, 31), LGMS (113), MCr (40).

299. **Trametes suaveolens** (Fr.) Fr. — *Polyporus suaveolens* Fr., 1828 non L. : Fr., 1821 / CWU (Myc) Kh-225; KW 17945 / Borsčow, 1869 / WP (174), RP (44, 174), LP (11, 160, 170, 174), Rozt (1, 4, 174), Transcarp (1, 74, 96), Carp (1, 94, 174), Precarp (1, 174), WFS (68, 174), RFS (174), LFS (159), RGMS (118), LGMS (118, 167), RGS (118), LGS (118), MCr (40), Ukraine (19).

f. **gibbosiformis** Nikol. / Bondartsev, 1953 / WFS (7).

300. **Trametes velutina**⁸ (Pers.) G. Cunn. — *Polyporus velutinus* Pers.; *Polystictus velutinus* Fr. / Bobiyak, 1907 / RP (44, 85), Rozt (4), LFS (10).

301. **Trametes versicolor** (L. : Fr.) Pilát — *Coriolus versicolor* (L. : Fr.) Quél.; *Polyporus versicolor* L. : Fr.; *Polystictus versicolor* (L. : Fr.) Fr. / CWU (Myc) Kh-235; KW 9963–9966, 9971, 9972, 9975–9989, 28791, 28792, 28812–28827, 40509, 40533–40567, 45201–45203 / Léveillé, 1842 / WP (71, 142, 174), RP (44, 65, 77, 85, 162, 164), LP (11, 131, 160, 170, 174), Rozt (1, 4, 150, 174), Transcarp (1, 74, 96, 107–109, 111), Carp (1, 24, 36, 38, 94, 174), Precarp (1, 174), WFS (48, 68, 174), RFS (3, 145, 147, 174), LFS (10, 16, 31, 56, 159, 161, 174), RGMS (115, 116, 118, 120, 123), LGMS (101, 113, 115, 116, 118, 120, 123), DFS (58, 117, 174), RGS (115, 116, 118, 120, 123), LGS (115, 116, 118, 120, 123, 167), FSCr (105), SCr (49, 50, 105), MCr (40, 73, 105, 174).

f. **cyaneus** Velen. / Smitskaya, 1965 / Transcarp (109).

f. **griseus** / Gutsevich, 1940 / MCr (40).

302. **Trichaptum abietinum** (Dicks. : Fr.) Ryvarden — *Hirschioporus abietinus* (Dicks. : Fr.) Donk; *Polyporus abietinus* Dicks. : Fr.; *Trametes abietina* (Pers. : Fr.) Pilát / CWU (Myc) Kh-258; KW 18680 / Moskovets', 1932 / WP (17), RP (17, 85, 130,

⁸ In Zerova et al. (1972) the name *Polystictus velutinus* was synonymized with *Coriolus pubescens* (*Trametes pubescens*) and in this sense the taxon was published for RP, Rozt, Precarp, LFS.

174), LP (130, 131, 160), Rozt (1, 130, 174), Transcarnp (1, 96), Carnp (1, 37, 38, 130, 174), LFS (159, 161), RGMS (118), LGMS (113, 118, 167), RGS (118, 130), LGS (118), MCr (40, 130, 174), Ukraine (21).

303. **Trichaptum fuscoviolaceum** (Ehrenb. : Fr.) Ryvarden — *Hirschioporus fuscoviolaceus* (Ehrenb. : Fr.) Donk; *Irpex fuscoviolaceus* Ehrenb. : Fr. / CWU (Myc) Kh-121; KW 18620, 18624, 18626 / Gutsevich, 1940 / WP (17, 130, 174), RP (17, 130, 174), LP (7, 130, 131), Rozt (1, 130, 174), LFS (159), RGMS (118), LGMS (100, 101, 118, 130, 167), RGS (118), LGS (118), MCr (40).

304. **Trichaptum pargamenum** (Fr.) G. Cunn. — *Hirschioporus pargamenum* (Fr.) Bondartsev et Singer; *Polyporus pargamenum* Fr. 'pargamenum'; *Trametes biformis* (Fr. in Klotzsch) Pilát; *Trichaptum biforme* (Fr. in Klotzsch) Ryvarden / CWU (Myc) Kh-259; KW 18627, 18630, 18634, 18636–18642, 18645–18647 / Yavorskii, 1915 / RP (174), LP (160, 170), Transcarnp (1, 96, 109), Carnp (1, 174), LFS (159), RGMS (116, 118, 120, 133), LGMS (101, 113, 116, 118, 120, 133, 167), DFS (117), RGS (116, 118, 120, 133), LGS (116, 118, 120, 133, 165), MCr (40, 105, 174), SSCr (163).

305. **Tyromyces chioneus** (Fr.) P. Karst. — *Polyporus albellus* Peck; *P. chioneus* Fr.; *Tyromyces albellus* (Peck.) Bondartsev et Singer / KW 17869 / Bobiyak, 1907 / LP (130, 131), Rozt (1, 4), Carnp (1, 24, 130, 174), RGMS (115), LGMS (114, 115, 130, 167), RGS (115, 119), LGS (115, 119), MCr (40).

306. **Tyromyces fissilis** (Berk. et M.A. Curtis) Donk — *Leptoporus fissilis* (Berk. et M.A. Curtis) Pilát / KW 17857, 17866 / Pilát, 1940 / RP (130, 174), LP (7, 130, 131), Transcarnp (1, 96), Carnp (1, 130, 174), LFS (7, 130, 174).

307. **Tyromyces kmetii** (Bres.) Bondartsev et Singer — *Leptoporus carpatorossicus* Pilát ex Pilát; *L. kmetii* (Bres.) Pilát; *Tyromyces carpatorossicus* (Pilát ex Pilát) Bondartsev / Pilát, 1940 / Transcarnp (1, 7, 96), Carnp (1, 174).

Fam. Sistotremataceae Jülich

308. **Sistotrema brinkmannii** (Bres.) J. Erikss. — *Grandinia brinkmannii* (Bres.) Bourdot et Galzin / CWU (Myc) S-26, 31; MSK 6075 / Pilát, 1940 / LP (Sumy oblast, railway station Vorozhba, small garden near station building, on dead separating bark of living trunk of *Malus* sp., coll. E.O. Yurchenko VII 1996), LFS (159), Transcarnp (1, 96).

309. **Sistotremastrum niveocreameum** (Höhn. et Litsch.) J. Erikss. / CWU (Myc) Kh-52 / Usichenko, 2002 / LFS (159).

310. **Trechispora cohaerens** (Schwein.) Jülich et Stalpers — *Corticium byssinellum* Bourdot; *T. byssinella* (Bourdot) Liberta / Bondartsev, 1927 / LP (6, 174).

311. **Trechispora candidissima** (Schwein.) Bondartsev et Singer — *Cristella candidissima* (Schwein.) Donk; *Phlebiella candidissima* (Schwein.) W.B. Cooke / Bondartsev, 1953 / Transcarnp (1, 7), Carnp (1, 174), MCr (7, 174).

312. **Trechispora farinacea** (Pers. : Fr.) Liberta — *Grandinia nivea* (Pers. : Fr.) S. Lundell; *Hydnum farinaceum* Pers. : Fr.; *H. niveum* (Pers. : Fr.) Pers.; *T. nivea* (Pers. : Fr.) K.H. Larss. / Bobiyak, 1907 / RP (44, 174), LP (174), Rozt (4), Transcarnp (1, 96), Carnp (1, 174), Precarnp (1, 174), WFS (88), RFS (147, 174), LFS (174), LGMS (101), SCr (49, 50).

313. **Trechispora microspora** (P. Karst.) Liberta — *Grandinia microspora* P. Karst. / KW 17940 / Pilát, 1940 / Transcarnp (1, 96), Carnp (1, 174), WFS (88), RGS (Kherson oblast, Tsyurupins'kyi district, Tsyurupins'koe forestry, on decaed stump of *Robinia* sp., coll. I.M. Soldatova VII 1970).

314. **Trechispora mollusca** (Pers. : Fr.) Liberta — *Polyporus molluscus* Pers. : Fr.; *Poria mollusca* (Pers. : Fr.) Cooke / KW 19044 / Léveillé, 1842 / RP (44), Rozt (1, 4), Transcarnp (1, 96), MCr (73).

Fam. **Steccherinaceae** Parmasto

315. **Antrodiella fissiliformis** (Pilát) Gilb. et Ryvarden — *Tyromyces mentschulensis* (Pilát) Bondartsev / Bondartsev, 1953 / Transcarnp (1, 7).

316. **Antrodiella foliaceodentata** (Nikol.) Gilb. et Ryvarden — *Irpex foliaceodentatus* Nikol. / Solomakhina, 1956 / WP (136, 140, 174), RFS (147).

317. **Antrodiella hoehnelii** (Bres.) Niemelä — *Coriolus hoehnelii* (Bres.) Bourdot et Galzin; *Polyporus hoehnelii* Bres. in Höhn.; *Trametes hoehnelii* (Bres.) Pilát / Gutsevich, 1940; Pilát, 1940 / Transcarnp (1, 96, 109), Carnp (1, 174), WFS (7, 174), RFS (147, 174), MCr (7, 40, 105, 174).

318. **Antrodiella romellii** (Donk) Niemelä — *Aporpium vulgare* (Fr.) Bondartsev et Singer ex Bondartsev / CWU (Myc) Kh-92 / Bobiyak, 1907 / LFS (159), Ukraine (7).

319. **Antrodiella semisupina** (Berk. et M.A. Curtis) Ryvarden — *Aporpium semisupinum* (Berk. et M.A. Curtis) Bondartsev; *Leptoporus semisupinus* (Bourdot et Galzin) Pilát / Pilát, 1940 / Transcarnp (1, 7, 96), Carnp (1, 174), WFS (7, 174), RFS (174).

320. **Diplomitoporus flavescens** (Bres.) Domański — *Coriolellus flavescens* (Bres.) Bondartsev et Singer; *Trametes flavescens* Bres. / Gutsevich, 1940; Pilát, 1940 / Transcarnp (1, 7, 96), Carnp (1, 174), WFS (174), LGS (165), MCr (7, 40, 174).

321. **Diplomitoporus lindbladii** (Berk.) Gilb. et Ryvarden — *Tyromyces cinerascens* (Bres.) Bondartsev et Singer / KW 17856 / Bondartsev, 1953 / LP (130, 131), Transcarnp (1, 7), Carnp (1, 130, 174), RGMS (121), LGMS (121, 130, 167), RGS (121), LGS (121).

322. **Irpex lacteus** Fr. : Fr. — *I. canescens* Fr.; *I. lacteus* f. *canescens* (Fr.) Bourdot et Galzin; *I. lacteus* f. *sinuosus* (Fr.) Nikol.; *I. sinuosus* Fr.; *Trametes lactea* (Fr. : Fr.) Pilát; *T. lactea* f. *sinuosus* '(Fr.) Svid.' / CWU (Myc) Kh-23, 26, 84, 98, 114, 119, 130, 150, 167 / Bobiyak, 1907 / WP (141), LP (7, 131, 160, 170, 174), Rozt (1, 4, 150, 174), Transcarnp (1, 7, 74, 96, 109, 110), WFS (148, 174), RFS (98, 147), LFS (16, 159, 161, 174), RGMS (116, 118, 120, 123, 128, 133), LGMS (113, 116, 118, 120, 123, 128, 133, 167, 174), DFS (52, 117), RGS (116, 118–120, 123, 128, 133), LGS (116, 118–120, 123, 128, 133, 165), FSCr (174), MCr (40, 105, 174), Cr (88).

323. **Junghuhnia collabens** (Fr.) Ryvarden — *Poria rixosa* P. Karst. / Pilát, 1940 / Transcarnp (1, 96).

324. **Junghuhnia lacera** (P. Karst.) Niemelä et Kinnunen — *Chaetoporus radulus* (Pers. : Fr.) Bondartsev et Singer / Pilát, 1940 / Transcarnp (1, 7, 96), WFS (7).

325. **Junghuhnia nitida** (Fr.) Ryvarden — *Chaetoporus euporus* (P. Karst.) Bondartsev et Singer; *Polyporus incarnatus* Pers. : Fr.; *P. micans* Ehrenb.; *P. nitidus* Fr.;

Poria eupora (P. Karst.) Cooke / Bobiyak, 1907 / RP (174), LP (7), Rozt (1, 4), Transcarnp (1, 96), Carp (1, 174), WFS (7, 174), RFS (174), MCr (7, 174).

326. **Steccherinum bourdotii** Saliba et A. David — *Hydnum dichroum* Pers. ss. Bourdot et Galzin, 1927; *Mycoleptodon dichroum* (Pers.) Bourdot et Galzin ss. Bourdot et Galzin, 1927 / Pilát, 1940 / Transcarnp (96), Carp (174).

327. **Steccherinum fimbriatum** (Pers. : Fr.) J. Erikss. — *Mycoleptodon fimbriatus* (Pers. : Fr.) Bourdot et Galzin; *Odontia fimbriata* Pers. : Fr. / CWU (Myc) Kh-177 / Bobiyak, 1907 / Rozt (1, 4, 174), Transcarnp (1, 96), Carp (1, 174), RFS (88, 147, 174), LFS (88, 174), LGMS (101, 167, 174), MCr (174), Cr (88).

328. **Steccherinum ochraceum** (Pers. in J.F. Gmel. : Fr.) Gray — *Hydnum ochraceum* Pers. in J.F. Gmel. : Fr.; *H. pudorinum* Fr.; *Mycoleptodon dichroum* (Pers.) Bourdot et Galzin ss. Bourdot et Galzin, 1914 'dichroum'; *M. gracilis* Pilát; *M. ochraceus* (Pers. : Fr.) Pat.; *M. reflexum* (Burt.) Pilát; *M. rhois* (Schwein.) Nikol. / CWU (Myc) S-20, 42; KW 15627, 18661, 28759, 28760, 28763, 28771 / Yavorskii, 1915 / RP (44, 174), LP (160, 170, 174), Transcarnp (1), Carp (1), WFS (88), RFS (88, 125, 174), LFS (88, 125, 159, 161, 174), RGMS (125), LGMS (101, 125, 174), RGS (66), FSCr (174), MCr (174), SSCr (174).

329. **Steccherinum queletii** (Bourdot et Galzin) Hallenb. et Hjortstam — *Odontia queletii* Bourdot et Galzin / Pilát, 1940 / Transcarnp (1, 96), Carp (1, 174), Precarp (1, 174), WFS (88).

330. **Steccherinum robustius** (J. Erikss. et S. Lundell) J. Erikss. — *Mycoleptodon laeticolor* (Berk. et M.A. Curtis) Pat.; *M. laeticolor* f. *robustior* (J. Erikss. et S. Lundell) Nikol.; *S. laeticolor* (Berk. et M.A. Curtis) Banker / Nikolajeva, 1961 / FSCr (174), MCr (174), Cr (88).

331. **Steccherinum subcrinale** (Peck) Ryvarden — *Mycoleptodon kavinae* Pilát / Pilát, 1940 / WP (174), RP (174), LP (174), Rozt (1, 174), Transcarnp (1, 96), Carp (1, 174), WFS (88).

Fam. **Xenasmataceae** Oberw.

332. **Phlebiella sulphurea** (Pers. : Fr.) Ginns et M.N.L. Lefebvre — *Corticium croceum* (Kuntze) Bres., 1897 non (Pat.) Sacc., 1895; probable synonym *Tomentella fumosa* (Fr.) Pilát, nom. dub. / Bondartsev, 1927 / LP (6, 174), Transcarnp (1, 96), Carp (1, 174).

ORDO RUSSULALES KREISEL EX KIRK, CANNON ET DAVID

Fam. **Auriscalpiaceae** Maas Geest.

333. **Auriscalpium vulgare** Gray — *Hydnum auriscalpium* L.; *H. luteolum* Fr.; *Pleurodon luteolum* (Fr.) Bourdot et Galzin / CWU (Myc) Kh-260; KW 2712, 3158, 3159 / Borsčow, 1869 / WP (141), RP (42), LP (11, 131, 160, 170), Rozt (1, 4), RFS (88, 104, 147), LFS (88, 159, 161), RGMS (118), LGMS (101, 113, 118, 167), RGS (118), LGS (188), MCr (105), Cr (88).

Fam. **Bondarzewiaceae** Kotl. et Pouzar

334. **Bondarzewia mesenterica** (Schaeff.) Kreisel — *Bondarzewia montana* (Quél.) Singer; *Grifola montana* (Quél.) Pilát / Pilát, 1940 / Transcarp (1, 96), Carp (1, 174).

335. **Gloiodon hirtus** (Fr.) P. Karst. — *Hydnum hirtum* Fr. / KW 28761 / Bobiyak, 1907 / Rozt (4).

336. **Gloiodon strigosus** (Sw. : Fr.) P. Karst. — *Hydnum strigosum* Sw. : Fr.; *Mycocleptodon strigosus* (Sw. : Fr.) Pat.; *Sclerodon strigosus* (Sw. : Fr.) P. Karst. / KW 18035 / Bobiyak, 1907 / WP (174), RP (174), LP (174), VFS (174), Rozt (1, 4, 174), Transcarp (1, 96), Carp (1, 174), WFS (88), RGMS (121), LGMS (121, 167), RGS (119, 121), LGS (119, 121), SCr (50, 105).

337. **Heterobasidion annosum** (Fr.) Bref. — *Fomes annosus* (Fr.) P. Karst.; *Fomitopsis annosa* (Fr.) P. Karst.; *Polyporus annosus* Fr.; *Trametes radiciperda* R. Hartig / CWU (Myc) Kh-261; KW 2145-2147, 2201, 2701, 2702, 19022-19039, 28005, 28575, 28764 / Yavorskii, 1915 / WP (17, 62, 71, 137, 138, 141, 174), RP (17, 174), LP (62, 131, 160, 170, 174), Rozt (1, 150, 174), Transcarp (1, 74, 96), Carp (1, 37, 38, 106, 154, 155, 157, 174), Precarp (1, 153, 174), Podol'e (174), LFS (16, 57, 62, 159, 161, 174), RGMS (118), LGMS (100, 101, 118, 167), DFS (57, 174), RGS (118), LGS (118), MCr (7, 40, 105, 174).

Fam. **Echinodontiaceae** Donk

338. **Laurilia sulcata** (Burt) Pouzar / KW 17625 / Davydkina, 1980 / LP (132), WFS (20).

Fam. **Hericiaceae** Donk

339. **Creolophus cirrhatus** (Pers. : Fr.) P. Karst. — *Dryodon cirrhatus* (Pers. : Fr.) Quél.; *Hericium cirrhatum* (Pers. : Fr.) Nikol. / CWU (Myc) Kh-234 / Pilát, 1940 / RP (174), Transcarp (1, 96), Carp (174), WFS (88), RFS (88), LFS (88; Kharkiv oblast, Kharkiv district, oak forest 1.5 km southeast of Pokotilovka settlement, on fallen trunk of *Populus* sp., coll. A.S. Usichenko IX 2002).

340. **Dentipellis fragilis** (Pers. : Fr.) Donk — *Dryodon nodulosus* (Fr.) Cejp.; *Hydnum fragile* Pers. : Fr.; *H. squalinum* Fr. : Fr. / Pilát, 1940 / Rozt (4, 174), Transcarp (1, 96), Precarp (174), WFS (88), MCr (174), Cr (88, 105).

341. **Dentipellis separans** (Peck) Donk — *Odontia macrodon* (Pers.) Bourdot et Galzin / Pilát, 1940 / Transcarp (96).

342. **Hericium alpestre** Pers. / Pilát, 1940 / Transcarp (1, 96), Carp (1, 38), Precarp (1, 174).

343. **Hericium coralloides** (Scop. : Fr.) Pers. — *Dryodon coralloides* (Scop. : Fr.) P. Karst.; *Hericium alpestre* f. *caput-ursi* (Fr.) Nikol.; *Hydnum caput-ursi* Fr.; *Hydnum coralloides* Scop. : Fr. / KW 40765, 45221-45223 / Léveillé, 1842 / RP (174), LP (11), Rozt (1, 2, 4, 174), Transcarp (1, 74, 96, 108), Carp (1, 36, 38), WFS (88), RFS (88, 97, 99, 147), LFS (88), RGMS (118), LGMS (118, 167), RGS (118), LGS (118), SSCr (174), MCr (40, 67, 73, 105, 174), Cr (88).

344. **Hericium erinaceum** (Bull. : Fr.) Pers. — *Hydnum erinaceum* Bull. : Fr.; *H. hystrix* Pers. : Fr.; *Irpex echinus* Scop. / Bobiyak, 1907 / RP (44, 174), Rozt (1, 4, 174), RFS (88, 174), LFS (88, 174), MCr (40, 105, 174), Cr (88).

f. **caput-medusae** (Bull. : Fr.) Nikol. — *Hydnum caput-medusae* Bull. : Fr. / Sosin, 1940 / WFS (148).

345. **Mucronella calva** (Alb. et Schwein. : Fr.) Fr. — *M. aggregata* Fr. / Hizhyts'ka, 1929 / RP (44), Transcarp (96, 174), Carp (174), WFS (88), RFS (88, 147), LFS (88, 112), Cr (88, 174).

Fam. Lachnocladiaceae D.A. Reid

346. **Asterostroma ochroleucum** Bres. — *A. cervicolor* (Berk. et M.A. Curtis) Massee / Pilát, 1940 / Transcarp (1, 9, 96), Carp (9), Precarp (9).

347. **Dichostereum boreale** (Pouzar) Ginns et M.N.L. Lefebvre — *Asterostromella granulosa* (Pers. : Fr.) Bourdot et Galzin; *D. granulosum* (Pers. : Fr.) Boidin et Lanquetin; *Grandinia granulosa* (Pers. : Fr.) P. Karst.; *Vararia granulosa* (Pers. : Fr.) Laurila / KW 17900 / Bobiyak, 1907 / LP (132), Rozt (1, 4), Transcarp (1, 96).

348. ***Dichostereum durum** (Bourdot et Galzin) Pilát / CWU (Myc) S-11, 18 / LP (Sumy oblast, near Znob'-Novhorods'kyi settlement, leaf forest, on fallen twigs of *Fraxinus* sp., coll. A.Yu. Akulov, A.S. Usichenko VIII 2001).

349. **Scytinostroma aluta** Lanquetin / CWU (Myc) Cr-9 / Bondartseva, Parmasto, 1986 / Transcarp (9), MCr (Anhars'kyi Mountain Pass, Demerdzhy Mt., on still-attached branch of *Fagus* sp., coll. A.Yu. Akulov, A.S. Usichenko VIII 2001).

350. **Scytinostroma galactinum** (Fr.) Donk / CWU (Myc) Kh-19, 48 / Usichenko, 2002 / LFS (159).

351. **Scytinostroma odoratum** (Fr. : Fr.) Donk — *Corticium odoratum* (Fr. : Fr.) Bourdot et Galzin; *Stereum odoratum* (Fr. : Fr.) Fr. / Hizhyts'ka, 1929 / RP (44), Transcarp (1, 96).

352. **Scytinostroma portentosum** (Berk. et M.A. Curtis) Donk — *Corticium portentosum* Berk. et M.A. Curtis / Pilát, 1940 / Transcarp (1, 96).

353. **Vararia investiens** (Schwein.) P. Karst. / KW 17901 / Soldatova, 1985 / LP (132).

Fam. Peniophoraceae Lotsy

354. **Peniophora aurantiaca**⁹ (Bres.) Höhn. et Litsch. — *Gloeopeniophora aurantiaca* (Bres.) Höhn. et Litsch. / Bondartsev, 1927 / LP (6, 174), Transcarp (1, 96).

355. **Peniophora cinerea** (Pers. : Fr.) Cooke — *Corticium cinereum* Pers. : Fr.; *Kneiffia cinerea* (Pers. : Fr.) Bres.; *Peniophora obscura* (Pers.) Bres.; *Thelephora cinerea* (Pers. : Fr.) Pers. / CWU (Myc) Kh-4, 21, 24, S-14, 20; KW 17600 / Léveillé, 1842 / RP (44, 174), LP (6, 160, 174), Rozt (1, 4, 174), Transcarp (1, 96), Carp (1, 94), LFS

⁹ The earlier concept of this species included two currently accepted species, *P. erikssonii* (with clampless hyphae) and *P. aurantiaca* (with clamped hyphae, on *Alnus viridis* and *A. fruticosa* in subarctic and subalpine areas of Europe). The data listed in this entry evidently belong to *P. erikssonii* in Polissya, with certain likelihood of *P. aurantiaca* occurring in Carpathian region.

(159, 161), RGMS (118), LGMS (101, 167, 174), DFS (52, 117), RGS (118, 119), LGS (118, 119), SCr (49, 50), MCr (73), SSCr (39, 51, 174).

356. **Peniophora incarnata** (Pers. : Fr.) P. Karst. — *Corticium incarnatum* (Pers. : Fr.) Fr.; *Gloeopeniophora incarnata* (Pers. : Fr.) Höhn. et Litsch. / CWU (Myc) Kh-180, 192–194, 227 / Bobiyak, 1907 / LP (6, 174), Rozt (4), Precarp (1, 174), Carp (1, 94), LFS (Kharkiv oblast, settlement Pokotylovka near Kharkiv, near Specialized State Enterprise “Ukrlihozakhyst”, oak wood, on fallen branches of *Acer* sp., *Quercus* sp., coll. A.S. Usichenko III 2002), RGMS (18, 133), LGMS (101, 113, 118, 133, 167), RGS (118, 133), LGS (118, 133), FSCr (53), MCr (53), SSCr (53).

357. **Peniophora junipericola** J. Erikss. / Isikov, 1997 / SSCr (54).

358. **Peniophora laeta** (Fr. : Fr.) Donk — *P. incarnata* var. *hydnoidea* (Pers.) Bourdot et Galzin; *P. hydnoidea* (Pers. : Fr.) Donk; *Radulum laetum* Fr. : Fr. / CWU (Myc) Cr-6 / Bobiyak, 1907 / Rozt (1, 4), Transcarp (1, 96), RGMS (118), LGMS (118, 167), RGS (118), LGS (118), MCr (Anhars'kyi Mountain Pass, near the base of east slope of Demerdzhy Mt., on fallen branches of *Fagus* sp., coll. A.Yu. Akulov, A.S. Usichenko VIII 2001).

359. **Peniophora limitata** (Chaillet ex Fr. : Fr.) Cooke — *P. cinerea* var. *interrupta* (Pers. : Fr.) Bourdot et Galzin / CWU (Myc) Kh-176, S-40 / Pilát, 1940 / LP (Sumy oblast, Desnyans'ko-Starohuts'kyi National Natural Park, on strongly decayed unknown deciduous wood, coll. A.Yu. Akulov, A.S. Usichenko VIII 2001), Transcarp (1, 96), LFS (159).

360. **Peniophora lycii** (Pers.) Höhn. et Litsch. — *P. caesia* (Bres.) Bourdot et Galzin / CWU (Myc) Cr-1 / Pilát, 1940 / Transcarp (1, 96), MCr (south slope of Demerdzhy Mt., on fallen branch of *Fagus* sp., coll. A.Yu. Akulov, A.S. Usichenko VIII 2001).

361. **Peniophora nuda** (Fr. : Fr.) Bres. — *Kneiffia nuda* (Fr. : Fr.) Herter / KW 17622; MSK 5942 / Hizhyts'ka, 1929 / RP (44, 174), LP (174), Transcarp (1, 96), Carp (1, 174), MCr (near Sudak, 2.8 km NW of Dachnoe village, Karadzha canyon, on fallen and still-attached dead branches of *Ulmus carpinifolia*, coll. E.O. Yurchenko, VIII 2001).

362. **Peniophora piceae** (Pers.) J. Erikss. — *P. cinerea* var. *piceae* (Pers.) Bourdot et Galzin, 1928 non (P. Karst.) P. Karst., 1889 / Pilát, 1940 / Transcarp (1, 96).

363. **Peniophora pini** (Schleich. et DC. : Fr.) Boidin — *Stereum pini* (Schleich. et DC. : Fr.) Fr. / CWU (Myc) S-51 / Bondartsev, 1927 / LP (6, 131, 160, 174), RGMS (121), LGMS (101, 121, 167, 174), DFS (52), RGS (121), LGS (121), WS (53), SCr (53), FSCr (53), MCr (53), SSCr (53).

364. **Peniophora pithya** (Pers.) J. Erikss. — *Kneiffia plumbea* (Fr.) Bres. / Hizhyts'ka, 1929 / WP (140), RP (44).

365. **Peniophora polygonia** (Pers. : Fr.) Bourdot et Galzin — *Aleurodiscus polygonius* (Pers. : Fr.) Höhn. et Litsch. / KW 17594, 17597 / Bondartsev, 1927 / LP (6, 174), Transcarp (1, 96), Carp (1, 174), RGMS (118, 121), LGMS (101, 118, 121, 167, 174), RGS (118, 121), LGS (118, 121).

366. **Peniophora quercina** (Pers. : Fr.) Cooke — *Corticium quercinum* (Pers. : Fr.) Fr.; *Kneiffia corticalis* (Bull.) Bres.; *Peniophora corticalis* (Bull.) Bres.; *Telephora quercina* Pers. : Fr. / CWU (Myc) Cr-4, 7, Kh-7, S-47, 48; KW 9586, 9587, 28776–28790 / Bobi-

yak, 1907 / WP (139), RP (44, 77, 174), LP (6, 160, 170, 174), Rozt (1, 4, 150, 174), Transcarp (1, 96, 110), Carp (1, 94, 174), LFS (83, 159), LGMS (83, 101, 167, 174), DFS (52, 58), RGS (119), LGS (119).

367. **Peniophora rufa** (Pers. : Fr.) Boidin — *Cryptochaete rufa* (Fr. : Fr.) P. Karst.; *Hymenochaete rufa* (Fr. : Fr.) Jacz.; *Stereum rufum* (Fr. : Fr.) Fr. / CWU (Myc) S-45 / Bobiyak, 1907 / WP (139), RP (44), LP (6, 160, 174), Rozt (1, 4, 174), RGMS (118), LGMS (118, 167), RGS (118), LGS (118).

368. **Peniophora rufomarginata** (Pers.) Litsch. / KW 17592 / Soldatova, 1974 / LGMS (125, 167), RGS (119), LGS (119).

369. **Peniophora violaceolivida** (Sommerf.) Massee — *Corticium violaceolividum* (Sommerf.) Fr. / CWU (Myc) S-53 / Bobiyak, 1907 / LP (Sumy oblast, Desnyans'ko-Starohuts'ky National Natural Park, on fallen branches of *Populus* sp., coll. A.Yu. Akulov, A.S. Usichenko VIII 2001), Rozt (1, 4, 174), Transcarp (1, 74), Precarp (174).

Fam. **Stereaceae** Pilát

370. **Aleurodiscus amorphus** (Pers. : Fr.) J. Schröt. — *Corticium amorphum* (Pers. : Fr.) Fr.; *Stereum amorphum* (Pers. : Fr.) E.H.L. Krause / Hizhyts'ka, 1929 / RP (44), LP (131), Transcarp (1, 96), Carp (1, 174), RGMS (118, 121), LGMS (118, 121, 167), RGS (118, 121), LGS (118, 121).

371. **Aleurodiscus disciformis** (Vill. : Fr.) Pat. — *Aleurocystidiellum disciforme* (Vill. : Fr.) Boidin; *Stereum disciforme* (Vill. : Fr.) Fr. / Bobiyak, 1907 / Rozt (1, 4), Transcarp (1, 96), Carp (1, 174), LGMS (167).

372. **Aleurodiscus mirabilis** (Berk. et M.A. Curtis) Höhn. et Litsch. — *A. albo-roseus* Bres. / Zerova et al., 1972 / LGMS (167), DFS (125, 174).

373. **Amylostereum areolatum** (Chaillat ex Fr. : Fr.) Boidin / Davydkina, 1980 / WFS (20).

374. **Amylostereum chailletii** (Pers. : Fr.) Boidin — *Stereum chailletii* (Pers. : Fr.) Fr. / Pilát, 1940 / Transcarp (1, 96), WFS (20).

375. **Conferticium ochraceum** (Fr. : Fr.) Hallenb. — *Corticium ochraceum* (Fr. : Fr.) Fr.; *Gloeocystidiellum ochraceum* (Fr. : Fr.) Donk; *Gloeocystidium ochraceum* (Fr. : Fr.) Litsch., 1928 non Bres. '(Karst.) Bres.', 1911 / Borsčow, 1869 / LP (6, 11, 174), Transcarp (1, 96), RGMS (118), LGMS (101, 118, 167, 174), RGS (118), LGS (118).

376. **Gloeocystidiellum porosum** (Berk. et M.A. Curtis) Donk — *Kneiffia straminea* Bres. / Hizhyts'ka, 1929 / RP (44).

377. **Gloiothele citrina** (Pers.) Ginns et G.W. Freeman — *Corticium alutaceum* (Schräd.) Bres., 1897 non Pers., 1796; *C. pelliculare* (P. Karst.) P. Karst; *C. radiosum* (Fr. : Fr.) Fr.; *Gloeocystidiellum citrinum* (Pers.) Donk; *Gloeocystidium alutaceum* (Schräd. ex J.F. Gmel.) Bourdot et Galzin; *Vesiculomyces citrinus* (Pers.) E. Hagstr. / CWU (Myc) S-10 / Bobiyak, 1907 / LP (6, 174), Rozt (1, 4, 174), Transcarp (1, 96), Carp (1, 174), RGMS (125), LGMS (101, 167, 174), Ukraine (21).

378. **Laxitextum bicolor** (Pers. : Fr.) Lentz — *Stereum fuscum* (Schräd.) Quél. / CWU (Myc) Kh-39 / Pilát, 1940 / Transcarp (1, 96), Carp (1, 174), LFS (159), WFS (20).

379. **Megalocystidium luridum** (Bres.) Jülich — *Gloeocystidiellum luridum* (Bres.) Boidin; *Gloeocystidium luridum* (Bres.) Höhn. et Litsch. / KW 925 / Bondartsev, 1927 / RP (44), LP (6, 174), LGMS (101, 174), SSCr (53).

380. **Megalocystidium leucoxanthum** (Bres.) Jülich — *Gloeocystidiellum leucoxanthum* (Bres.) Boidin; *Gloeocystidium leucoxanthum* (Bres.) Höhn. et Litsch. / CWU (Myc) Kh-173 / Usichenko, 2002 / LFS (159).

381. **Stereum gausapatum** (Fr.) Fr. / CWU (Myc) Kh-172 / Bondartsev, 1927 / LP (6, 174), Transcarp (1, 96), Carp (1, 174), RFS (20), LFS (20, 159, 161), RGMS (123), LGMS (101, 123, 167, 174), DFS (52), RGS (123), LGS (123), SCr (50, 105), MCr (105), SSCr (51, 105), Cr (20).

382. **Stereum hirsutum** (Willd. : Fr.) Gray — *Thelephora hirsuta* Willd. : Fr. / CWU (Myc) Kh-5, S-55, 56; KW 2851, 2853, 2855, 2857, 17734, 17735, 17737–17739, 17741–17743, 17748, 28804 / Léveillé, 1842 / WP (139, 140, 174), RP (42, 65, 77, 85, 171, 174), LP (6, 11, 123, 131, 160, 170, 174), Rozt (1, 4, 150, 174), Transcarp (1, 74, 96), Carp (1, 24, 36, 38, 94, 174), Precarp (1, 158, 174), WFS (48), RFS (20, 98, 147, 174), LFS (10, 16, 57, 159, 161, 174), RGMS (23, 115, 116, 118, 120, 133), LGMS (100, 113, 115, 116, 118, 120, 133, 167), DFS (52, 57, 58, 93, 117, 174), RGS (115, 116, 118–120, 133, 174), LGS (115, 116, 118, 119, 120, 133), SCr (12, 49, 50, 105), FSCr (105, 174), MCr (40, 73, 105, 174), SSCr (105), Ukraine (21).

383. **Stereum ochraceoflavum** (Schwein.) Ellis — *S. sulphuratum* Berk. et Ravenel / KW 17765 / Pilát, 1940 / Transcarp (1, 96), LGMS (167).

384. **Stereum ostrea**¹⁰ (Blume et Nees : Fr.) Fr. — *S. fasciatum* (Schwein. : Fr.) Fr.; *S. hirsutum* var. *fasciatum* (Schwein.) Fr.; *S. insignitum* Qué. / KW 17759 / Gutsevich, 1940; Pilát, 1940 / Transcarp (1, 96), WFS (20), RFS (147), RGMS (121), LGMS (121, 167), RGS (121), LGS (121), SCr (49, 50), MCr (40, 174), Cr (20).

385. **Stereum rugosum** (Pers. : Fr.) Fr. / KW 17760, 45190–45192 / Bobiyak, 1907 / RP (44, 174), LP (6, 170, 174), Rozt (1, 4, 150, 174), Transcarp (1, 96), Carp (1, 24, 36, 38, 94, 174), WFS (20), RFS (20, 98, 147), LFS (20), LGMS (101, 167).

386. **Stereum sanguinolentum** (Alb. et Schwein. : Fr.) Fr. — *S. crispum* J. Schröt. / CWU (Myc) P-1; KW 3155 / Yavorskii, 1915 / LP (5, 131, 170), Rozt (1, 174), Transcarp (1, 74, 96), Carp (1, 37, 38, 106, 174), RFS (98, 147), RGMS (118, 120, 123), LGMS (118, 120, 123, 167), DFS (117, 126), RGS (118–120, 123), LGS (118–120, 123), MCr (40, 174), Cr (20).

387. **Stereum subtomentosum** Pouzar / CWU (Myc) Kh-185 / Wasser, Soldatova, 1977 / LP (160), RFS (20), LFS (20, 159, 161), LGMS (167).

388. **Xylobolus frustulatus** (Pers. : Fr.) Boidin — *Stereum frustulosum* Fr. / CWU (Myc) Kh-18; KW 17997 / Bobiyak, 1907 / RP (65), Rozt (1, 4, 174), Transcarp (1, 96), Carp (1, 174), Precarp (1, 174), WFS (20), RFS (20), LFS (20, 159), SCr (12, 49, 50), FSCr (174), MCr (40), Cr (20), Ukraine (21).

¹⁰ Possibly some Ukrainian records of this rare for temperate areas species are belonged to related species, *Stereum subtomentosum* Pouzar (= *S. fasciatum* ss. auct. Eur.)

ORDO THELEPHORALES CORNER EX OBERW.

Fam. **Bankeraceae** Donk

389. **Bankera fuligineoalba** (Schmidt : Fr.) Pouzar — *Hydnum fuligineo-album* Schmidt : Fr. / KW 18668, 18679 / LP (Chernihiv oblast, Semenovs'k district, near Semenovka village, on strongly destroyed wood, coll. M.Ya. Zerova X 1956)

390. **Boletopsis leucomelaena** (Pers. per Pers.) Fayod / Bondartsev, 1953 / LFS (7, 174).

391. **Hydnellum aurantiacum** (Fr.) P. Karst / Zerova *et al.*, 1972 / Rozt (1, 174).

392. **Hydnellum conrescens** (Pers.) Banker — *Calodon zonatus* (Batsch) P. Karst.; *Hydnellum zonatum* (Fr.) P. Karst.; *Hydnum zonatum* Batsch / Bobiyak, 1907 / Rozt (1, 4, 174), Transcarp (1, 96), MCr (105).

393. **Hydnellum ferrugineum** (Fr. : Fr.) P. Karst. — *Hydnum ferrugineum* (Fr.) P. Karst. / KW 18673 / Soldatova, 1975 / LP (131), RGMS (122, 167), LGMS (122, 167), RGS (122, 127), LGS (122).

394. **Hydnellum suaveolens** (Scop. : Fr.) P. Karst. / Zerova *et al.*, 1972 / Rozt (1, 174), MCr (105), SSCr (105).

395. **Phellodon melaleucus** (Sw. : Fr.) P. Karst. — *Hydnum graveolens* Pers. / Bobiyak, 1907 / LP (174), Rozt (1, 4), RGMS (121, 122), LGMS (121, 122, 167), RGS (119, 121, 122), LGS (119, 121, 122), MCr (105).

396. **Phellodon niger** (Fr. : Fr.) P. Karst. — *Hydnum nigrum* Fr. : Fr. / Solomakhina, 1956 / WP (136, 141, 174).

397. **Phellodon tomentosus** (L. : Fr.) Banker — *Hydnum cyathiforme* Schaeff. / KW 18345, 18890 / Solomakhina, 1956 / WP (136, 174), RP (174), LP (174), Rozt (1, 174).

398. **Sarcodon imbricatus**¹¹ (L. : Fr.) P. Karst. — *Hydnum imbricatum* L. / KW 18036 / Borsčów, 1869 / WP (174, 143, 135), RP (174), LP (11, 174), VFS (174), Rozt (1, 174), Transcarp (1, 96), LFS (15).

Fam. **Thelephoraceae** Chevall.

399. **Pseudotomentella flavovirens** (Höhn. et Litsch.) Svrček — *Tomentella flavovirens* Höhn. et Litsch. / Pilát, 1940 / Transcarp (96).

400. **Pseudotomentella tristis** (P. Karst.) M.J. Larsen — *Tomentella umbrina* (Fr.) Litsch. in Pilát / Pilát, 1940 / Transcarp (96).

401. **Thelephora anthocephala** (Bull. : Fr.) Fr. / CWU (Myc) Kh-162; KW 17847 / Bondartsev, 1927 / RP (44, 174), LP (6, 174), LFS (159), RGMS (122), LGMS (122, 167), RGS (122), LGS (122), SCr (105).

var. **clavularis** (Fr.) Quél. — *Th. clavularis* Fr. / KW 17842 / Soldatova, 1975 / RGMS (122), LGMS (122, 167), RGS (122), LGS (122).

¹¹ *Sarcodon badius* (Pers.) Bourdot et Galzin [= *Hydnum badium* Pers. ss. Nikol. / KW 18677 / Zerova, 1956 / LP (Kiev oblast, mixed forest (*Quercus-Pinus* community) near settlement Boyarka, on ground, coll. M.Ya. Zerova, X 1956), LFS (16)] has unclear taxonomical position and may be considered as synonym of either *S. imbricatus* or *S. lundellii* Maas Geest. et Nannf.

402. **Thelephora** aff. **arbuscula**¹² Corner / CWU (Myc) Kh-174 / Usichenko, 2002 / LFS (159).
403. **Thelephora atra** Weinm. / Hizhyts'ka, 1929 / RP (44).
404. **Thelephora caryophyllea** Schaeff. : Fr. — *Th. radiata* Fr. / KW 17851 / Bobiyak, 1907 / Rozt (1, 4), RGMS (122), LGMS (122, 167), RGS (122), LGS (122).
405. **Thelephora crustacea** Schumach. : Fr. — *Tomentella crustacea* (Schumach.) Höhn. et Litsch. / Pilát, 1940 / Transcarp (1, 96), Carp (1, 174).
406. **Thelephora palmata** Scop. : Fr. — *Phylacteria palmata* (Scop. : Fr.) Pat.; *Th. coralloides* Fr. / KW 17848 / Bobiyak, 1907 / RP (44, 174), LP (6, 131, 170, 174), Rozt (1, 4), Transcarp (1, 96), RGMS (122), LGMS (122, 167), RGS (122), LGS (122).
407. **Thelephora penicillata** Fr. — *Th. mollissima* Pers. : Fr. / Dobrovol'skii, Sosin, 1960 / Rozt (1), RGMS (23).
408. **Thelephora spongiosa** Schwein. : Fr. — *Tomentella spongiosa* (Schwein. : Fr.) Höhn. et Litsch. / Pilát, 1940 / Transcarp (1, 96).
409. **Thelephora terrestris** Ehrh. : Fr. — *Phylacteria terrestris* (Ehrh. : Fr.) Pat.; *Th. laciniata* Pers. / CWU (Myc) Kh-262; KW 2244-2247, 17810, 17817, 17822, 17827-17829, 17830-17833, 17835-17837, 17840-17843, 17848, 17849, 17851, 17893 / Borsčow, 1869 / WP (71), RP (44, 174), LP (5, 6, 11, 131, 160, 170, 174), Rozt (1, 4, 150, 174), Transcarp (1, 96), Carp (1, 106), WFS (68), RFS (147), LFS (15, 16, 159, 174), LGMS (100, 101, 113, 115, 118, 128, 167, 174), RGMS (23, 115, 118, 128), RGS (115, 118, 128), LGS (115, 118, 128), SSCr (105).
410. **Tomentella atramentaria** Rostr. — *T. flaccida* Bourdot et Galzin; *T. porulosa* (Bourdot et Galzin) Svrček / Pilát, 1940 / Transcarp (1, 96), RGMS (118), LGMS (118, 167), RGS (118), LGS (118).
411. **Tomentella badia** (Link) Stalpers — *T. atroviolacea* Litsch. / Pilát, 1940 / Transcarp (1, 96).
412. **Tomentella bryophila** (Pers.) M.J. Larsen — *T. fuscoferruginosa* (Bres.) Litsch.; *T. spongiosa* var. *brevispina* Bourdot et Galzin; *T. subferruginea* (Burt) Donk / Pilát, 1940 / Rozt (64), Transcarp (1, 64, 96).
413. **Tomentella cinerascens** (P. Karst.) Höhn. et Litsch. — *T. subcervina* Litsch. in Pilát / Bondartsev, 1927 / RP (174), LP (6), Transcarp (1, 74, 96).
414. **Tomentella coerulea** (Bres.) Höhn. et Litsch. / Hizhyts'ka, 1929 / RP (44, 174), Rozt (64), LGMS (101, 174).
415. **Tomentella crinalis** (Fr.) M.J. Larsen — *Caldesiella ferruginosa* (Fr.) Sacc.; *Hydnum ferruginosum* Fr. / Bobiyak, 1907 / Rozt (1, 4), Transcarp (1, 96), LGMS (167), RGS (127).
416. **Tomentella ellisii** (Sacc.) Jülich et Stalpers — *T. microspora* (P. Karst.) Höhn. et Litsch. / KW 17939 / Wasser, Soldatova, 1977 / LGMS (167).
417. **Tomentella ferruginea** (Pers. : Fr.) Pat. — *Hypochnus ferrugineus* (Pers. : Fr.) Quél.; *T. coriaria* (Peck) Bourdot et Galzin; *T. fusca* (Pers.) J. Schröt. / KW 17938 / Bobiyak, 1907 / RP (174), LP (6, 174), Rozt (1, 4, 174), Transcarp (1, 64, 96), Carp (1, 174), WFS (174), RGMS (118), LGMS (118, 167), RGS (64, 118), LGS (118), Cr (64).

¹² This record indicates only the similarity of examined specimen with *Th. arbuscula*. The character of *Th. arbuscula* distribution makes the likelihood of its find in Ukraine very small.

418. **Tomentella fibrosa** (Berk. et M.A. Curtis) Køljalg — *T. bombycina* (P. Karst.) J. Erikss.; *Tomentellina bombycina* (P. Karst.) Bourdot et Galzin / Pilát, 1940 / Transcarnp (1, 96), Ukraine (174).

419. **Tomentella fuscocinerea** (Pers. : Fr.) Donk — *Corticium macrosporum* Ellis et Everh.; *T. alutaceoumbrina* (Bres.) Litsch.; *T. macrospora* Höhn. et Litsch.; *T. mycophila* (Bourdot et Galzin) Svrček / Pilát, 1940 / Transcarnp (1, 96).

420. **Tomentella italica** (Sacc.) M.J. Larsen — *Caldesiella italica* Sacc. / Pilát, 1940 / Transcarnp (1, 96).

421. **Tomentella pilosa** (Burt) Bourdot et Galzin / Pilát, 1940 / Transcarnp (1, 96).

422. **Tomentella punicea** (Alb. et Schwein. : Fr.) J. Schröt. — *T. atrovirens* (Bres.) Höhn. et Litsch.; *T. epiphylla* Bourdot et Galzin; *T. subrubiginosa* Litsch. / KW 17943 / Pilát, 1940 / RP (174), Transcarnp (1, 96), Carnp (1, 174), RFS (64), LGMS (167), SSCr (64).

423. **Tomentella stuposa** (Link) Stalpers — *T. bresadolae* (Brinkmann) Höhn. et Litsch. / Pilát, 1940 / Rozt (64), Transcarnp (1, 96), Carnp (1, 174).

424. **Tomentella sublilacina** (Ellis et Holw.) Wakef. — *T. albomarginata* (Bourdot et Galzin) M.P. Christ. / Wasser, Soldatova, 1977 / Rozt (64), Transcarnp (64), LGMS (167).

425. **Tomentella terrestris** (Berk. et Broome) M.J. Larsen / Køljalg, 1996 / Pre-carnp (64).

426. **Tomentella testaceogilva** Bourdot et Galzin / Pilát, 1940 / Transcarnp (1, 96).

Doubtful data

427. **Ganoderma australe** (Fr. : Fr.) Pat. / Soldatova, 1975 / RGMS (123, 128), LGMS (123, 128, 167), RGS (123, 128), LGS (123, 128). This is the species with tropical and subtropical distribution. The taxon is close to *G. lipsiense*, and differs from it, besides geography, by larger spores (8.5–10 (12) × 5–7.5 µm) and thicker bast layer of cap (Nuñez, Ryvarden, 2000).

428. **Mycorrhaphium adustum** (Schwein.) Maas Geest. — *Mycocleptodon adustum* (Schwein.) Nikol. / Soldatova, 1985 / LP (132). The species is distributed in North America and East Asia.

429. **Phellinus lonicerinus** (Bondartsev) Bondartsev et Singer / KW 17146, 18900–18907 / Soldatova, 1971 / RGMS (115, 120, 123), LGMS (113–115, 123, 167, 174), DFS (117), RGS (115, 120, 123), LGS (115, 120, 123). The species is distributed mostly in Middle Asia. Some authors consider *Phellinus lonicerinus* as synonym of *Ph. linteus* (Berk. et M.A. Curtis) Teng (Bondartseva, Parmasto, 1986; Gilbertson, Ryvarden, 1994).

430. **Porostereum crassum** (Lév.) Hjortstam et Ryvarden — *Laxitextum crassum* (Lév.) Lentz / Soldatova, 1974 / RGMS (121), LGMS (121, 167), RGS (119, 121), LGS (119, 121). It is pantropical species, known from East and South Asia, Africa, America (Davydkina, 1980).

431. **Thelephora intybacea** Pers. / Bobiyak, 1907 / LP (170), Rozt (4). The species has areal out of West and Central Europe.

Taxa with unknown correct name, dubious and confused names

432. **Ceraceomyces sublaevis** (Bres.) Jülich, nom. conf. — *Corticium sublaevis* Bres. ss. Zerova *et al.* / Zerova *et al.*, 1972 / RP (174). The concept of *C. sublaevis* ss. auct. includes two current species, *C. eludens* and *C. microsporum*.

433. **Chaetoporus flavescens** (Bres.) Bondartsev et Singer / Wasser, 1971 / LGS (165).

434. **Corticium calceum** (Pers. : Fr.) Fr. / Bobiyak, 1907 as 'C. calceum Pers.' / Rozt (1, 4). *Corticium calceum* ss. Bourdot et Galzin is a synonym of *Sistotremastrum suecicum* Litsch. (Eriksson *et al.*, 1984: 1377; Parmasto, 1997). At the same time it is a synonym of *Exidiopsis calcea* (Pers. : Fr.) K. Wells (Parmasto, 1997). Herbarium specimens collected by G. Bobiyak in 1907 were not accessible for examining, that does not allow to determine what species was published under this name.

435. **Corticium luteum** Bres. / Bondartsev, 1927 / LP (6), SSCr (53).

436. **Corticium microsporum** (Bres.) Herter, nom. conf. — *C. byssinum* var. *microsporum* Bres. / Pilát, 1940 / Transcarp (96). The concept of *C. microsporum* includes two current species, *Ceraceomyces eludens* and *Trechispora cohaerens*.

437. **Corticium straminicola** Pidopl. / Pidoplichko, 1948 / LGMS (95).

438. **Corticium sulfureomarginatum** Litsch. / Pilát, 1940 / Transcarp (1, 96). Probably *Amylocorticium canadense* (Burt) J. Erikss. et Weresub is correct name for the taxon.

439. **Cyphella citrispora** Pilát / Pilát, 1940 / Transcarp (96).

440. **Cyphella kavinae** Pilát / Pilát, 1940 / Transcarp (96).

441. **Cyphella lacera** Pers. — *Merulius luteus* Secr. / Bobiyak, 1907 / Rozt (1, 4).

442. **Cyphella solenioides** P. Karst. / Pilát, 1940 / Transcarp (96).

443. **Grandinia mucida** Fr. — *Thelephora mucida* Fr. / Hizhyts'ka, 1929 / RP (44). Probably this taxon is a species of the genus *Phanerochaete*.

444. **Hydnum melliodorum** / Czerniaiev, 1845 / Ukraine (19).

445. **Hypochnus anthochrous** (Pers. : Fr.) Fr., nom. dub. / Bobiyak, 1907 / Rozt (1, 4).

446. **Irpex crispatus** Berk. in Cooke / Bobiyak, 1907 / Rozt (1, 4).

447. **Irpex crispus** Schaeff. / Bobiyak, 1907 / Rozt (4).

448. **Lenzites gigantea** Czern. , nom. dub. — *Cellularia gigantea* (Czern.) Kuntze / Czerniaiev, 1845 / Ukraine (19).

449. **Odontia diaplana** J. Schröt. / Solomakhina, Prudenko (1998) / RFS (147). Probably this is misspelling of *Odontia diaphana* (Schrad. : Fr.) Gray.

450. **Odontia obtusa** (Schrad. : Fr.) Gray, nom. dub. — *Hydnum obtusum* Schrad. : Fr. / Zerova, 1948 / RP (77, 171).

451. **Polyporus subtomentosus** / Hizhyts'ka, 1929 as 'P. subtomentosum Fr.' / RP (44). Possible correct name is *Coltricia fomicola* (Berk. et M.A. Curtis) Murrill.

452. **Poria nordmannii** (Lév.) Cooke, nom. dub. — *Polyporus nordmannii* Lév. / Leveille, 1842 / Cr (73, 129).

453. **Radulum tomentosum** Fr. / Bobiyak, 1907 / Rozt (1, 4).

454. **Schizophyllum abietinum** 'Schr.' / Isayeva, 1952 / WFS (48).

455. **Solenia araneosa** (Bourdot et Galzin) Cooke / Pilát, 1940 / Transcarp (96).

456. **Tomentella biennis** (Fr. : Fr.) A.M. Rogers, nom. dub. — *Thelephora biennis* Fr. : Fr / Bobiyak, 1907 / Rozt (1, 4).
457. **Tomentella jaapii** (Bres.) Bourdot et Galzin / Pilát, 1940 / Transcarp (1, 96).
458. **Tomentella ochraceofusca** / Pilát, 1940 / Transcarp (1, 96).
459. ***Tomentella pellicularioides** Wakef. / CWU (Myc) Kh-196 / LFS (Kharkiv oblast, Zmiev district, Haidary, Kharkiv University Biological Station, on fallen twigs of *Quercus* sp., coll. A.Yu. Akulov, A.S. Usichenko VII 2002).
460. **Tomentella subfusca** (P. Karst.) Höhn. et Litsch., nom. dub. / Bondartsev, 1927 / LP (6, 174).
461. **Trechispora filia** (Bres.) Liberta — *Corticium filium* Bres. / Pilát, 1940 / Transcarp (1, 96).

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* The transliteration of author's names is based on standards, proposed in Mycena Vol. 1, N 1, p. 94–96, except of the English spelling was published in one or several of the sources listed in the bibliography. The more preferable transliteration of the name is placed in brackets before more rarely using version. When English title of the paper or journal/book is absent or unknown for us, the translation is added in square brackets.

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SUMMARY: The checklist of aphyllorphoroid fungi (except of taxa with typical clavarioid and stipitate cantharelloid basidiomata) based on the data of literature since 1842 and examined collections from CWU, KW, LE, and MSK herbaria includes 461 species. Five species are belonged to doubtful records; 30 names are classified as dubious, confused, or of unclear application. The species are accompanied with the numbers of reference herbarium specimens, data on the earliest publishing for Ukraine, distribution in botanic- geographical districts (geobotanical regions) of Ukraine, and appropriate numbered literature references. Besides of up-to-date nomenclature, the synonyms used in the quoted publications and herbarium labels are listed. Six species are recorded from Ukraine for the first time on the base of collections gathered by the authors. The new species and new finds for the geobotanical region (districts) are provided by brief information about locality, substratum, collector(s), and date of collection. Taxa are arranged according to the system accepted in the 9th edition of "Ainsworth and Bisby's dictionary of the fungi". The checklist is supplemented by the floristic bibliography on aphyllorphoroid fungi of Ukraine with titles in original languages and in English.

Key words: Aphyllorphorales, biodiversity, history of investigation, distribution, nomenclature.

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