

CATATHELASMA

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Merismodes ochracea, Podunajská nížina Lowland, Kopáčsky ostrov
NR, 5 November 2017. T. Tejklová & L. Zíbarová (HR 105299).
Photo L. Zíbarová.



Antrodia xantha, Podunajská nížina Lowland, Dunajské ostrovy NR,
12 April 2017, T. Tejklová, L. Zíbarová, I. Kautmanová &
I. Tomášeková (HR 104584). Photo L. Zíbarová.



Biscogniauxia dennisii, Podunajská nížina Lowland, Šúr NNR,
Panónsky háj, 10 April 2017, T. Tejklová, L. Zíbarová & I. Kautmanová
(HR 104621). Photo L. Zíbarová.

Catathelasma

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 - **data from internet:** Thiers, B. (on-line). *Index Herbariorum: A global directory of public herbaria and associated staff*. <http://sweetgum.nybg.org/ih/> [accessed 30 April 2015].
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A CONTRIBUTION TO THE KNOWLEDGE OF LIGNICOLOUS FUNGI OF PODUNAJSKÁ NÍŽINA LOWLAND (SLOVAKIA)

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Tejklová, T. & Zíbarová, L. 2018. A contribution to the knowledge of lignicolous fungi of Podunajská nížina Lowland (Slovakia). *Catathelasma* 19: 5–77.

The article summarises authors' records of lignicolous macromycetes from their field trips to Podunajská nížina Lowland, Slovakia during the years 2016–2017. Out of 243 taxa recorded, 64 of rare, endangered or otherwise interesting species are provided with short comments. Among the most interesting records are: *Ceriporia camaresiana*, *Fibricium subceraceum*, *Hypoxylon submonticulosum*, *Xenasma parvisporum* or *Xenosperma ludibundum*.

Tejklová, T. & Zíbarová, L. 2018. Příspěvek k poznání dřevních hub Podunajské nížiny (Slovensko). *Catathelasma* 19: 5–77.

Článek shrnuje lignikolní makromycety zaznamenané autorkami během svých exkurzí do Podunajské nížiny na Slovensku v letech 2016–2017. Z celkem zaznamenaných 243 taxonů je 64 vzácných, ohrožených či jinak zajímavých krátce okomentováno. Mezi nejzajímavější druhy patří *Ceriporia camaresiana*, *Fibricium subceraceum*, *Hypoxylon submonticulosum*, *Xenasma parvisporum* či *Xenosperma ludibundum*.

Key words: macrofungi, Polyporales, *Corticaceae*, pyrenomycetes, Danubian Lowland

Introduction

During the years 2016–2017 we visited several interesting localities in Bratislava and its immediate vicinity, in the phytogeographic district Podunajská nížina Lowland. We made records of some very rare species of macrofungi, some of which are included in the Red lists of Slovakia or other neighbouring states (Austria, Czech Republic). Because of timing of our trips and our own taxonomic interests we focused mostly on lignicolous (i. e. wood-degrading) fungi, which are a group that is often overlooked by many field mycologists, despite its immense ecological importance.

Podunajská nížina Lowland is located in the south-west Slovakia and it encompasses about one fifth of its area. It is part of geomorphological unit of Podunajská rovina Plain that has little differentiation in elevation (ranging 107–160 m a. s. l.). Its geological bedrock is mostly composed of gravel, sand-gravel and sand. It is an area with warm climate (T1 and T2 climatic areas) and it is the driest and warmest phytogeographic region in Slovakia (Miklós 2002). The willow-poplar and hardwood floodplain forests around the Danube River are very valuable from a nature perspective and substantial part is protected as a single large-scale protected area – Dunajské luhy PLA, which is mostly overlapping with “Dunajské luhy” area of Ramsar Convention¹.

The first inventory survey in the area is by Lizoň (1982) during preparation of Hrušov reservoir (part of Gabčíkovo Dam). We came across only single more or less complete report from any of the places we visited (Kabát & Procházka 1995). Nevertheless, other articles with more restricted taxonomical focus were published from that area (e. g. Jančovičová 1999, 2000, Jančovičová & Glejdura 1999, Janitor 1997, Kabát 1995, Ripková & Hagara 2003), but the coverage is far from complete. Many tomentelloid fungi collected by L. Hagara in area (particularly Rusovce) and determined by K. Čížek are now deposited in herbarium of Museum of Eastern Bohemia (HR). In addition, the area was visited by Kotlaba & Pouzar (2015b) in the second part of 20th century. It is peculiar that responsible environmental conservation authorities in Slovakia have not sought any mycological survey of any localities despite most of them are now protected as reserves. For nature characteristic of Bratislava and its close surroundings (including the brief history of mycofloristic research) see also Feráková and Jarolímek (2011).

The aim of present work is to provide more data on distribution and ecology of lignicolous macrofungi in Podunajská nížina Lowland.

Materials and Methods

The subject of the article is macrofungi, i. e. fungi forming fruitbodies (or complex fruitbodies) visible to the naked eye. We focused mostly on pyrenomycetes, polypores, heterobasidiomycetes and corticioid fungi, less so on agarics (localities were visited outside of the main growing season) and discomycetes.

The article is focused on fungi on the wood in the broadest sense – apart from the true wood-degrading (lignicolous) fungi, also resupinate

¹ <https://www.ramsar.org/>

mycorrhizal fungi (mostly *Tomentella* and allied genera) are included, as collection protocols for those are similar and it is often impossible to distinguish between both ecological groups in the field. In addition we included species growing parasitically or saprotrophically on lignicolous fungi themselves as in many species the parasitic mode of growth is not evident (as in some *Tremella* or *Hypocrea* species) or some of the species recorded from old fruitbodies as they are not apparently restricted to this substrate (e. g. some members of *Athelia*, *Sistotrema* or *Trechispora*). The rest of fungicolous species are included for the sake of completeness. As borderline between lignicolous and terrestrial saprophytic fungi is often blurred, it should be clarified, that we did not include species growing from fine wood debris on the ground (e. g. some *Psathyrella* species).

Data were collected during the field trips in following periods: 17–18th November 2016, 10–12th April 2017 and 3–7th November 2017 (Table 1). Selected collections were documented by photographs and/or herbarium specimens. The macroscopic descriptions are based on fresh material, studied specimens of basidiomycetes and pyrenomycetes were dried in a portable dryer within 12 hours after collection. Discomycetes were studied microscopically in living specimens (see Baral 1992). Micromorphological characters of the rest were studied mostly in the dry material. Microscopic characters were observed in water, Melzer's solution and in 10% KOH aqueous solution as appropriate. Measurements were based on Melzer's solution preparations under oil immersion at 1000× magnification. Voucher herbarium specimens are deposited in the herbarium of the Museum of Eastern Bohemia (HR) and the Slovak National Museum in Bratislava (BRA). For other herbarium acronyms see Thiers (on-line). For some records no herbarium material was collected, those are indicated in text by “not.” abbreviation.

Nomenclature follows the latest general monographs on broadly defined groups: corticioids (Bernicchia & Gorjón 2010), polypores (Ryvarden & Melo 2017) and agaricoid (lamellate) species (Knudsen & Vesterholt 2012). For the rest of the species groups authors tried to apply a conservative approach to the generic names.

The full list of studied taxa recorded during our field trips are given together with data on circumstances of each record: locality, habitat, substrate, date and collectors. For each species a presence in the Checklist of non-vascular and vascular plants of Slovakia (Lizoň & Bacigálová 1998) as well as threat category in the Red list of fungi of Slovakia (Lizoň 2001) is indicated. Because the studied area is close to Slovak border we also

added the data about each species presence and threat category in The Fungi of Austria: Checklist and Red list (Dämon & Krisai-Greilhuber 2016), Red list of fungi (macromycetes) of the Czech Republic (Holec & Beran 2006), Hungarian list of protected species (Siller et al. 2006) and presence in Red data book of threatened plants and fungi of the floodplain forests of the Dolní Morava Biosphere Reserve (Řepka et al. 2017, further referred as Red book of Dolní Morava). It should be noted that quality and actuality of information as well as systematic coverage varies among respective checklists of each country. A legal protection status of species in each above mentioned countries (where applicable) is indicated². For protected, endangered, rare or otherwise interesting species short comments are given.

Abbreviations used in text: § – a species is protected by law, aff. – a specimen close to a species but different in some key character, AU – a species is present in the Austrian checklist (Dämon & Krisai-Greilhuber 2016), BRA – herbarium of Slovak national museum in Bratislava, cf. – a specimen close to a species but determination uncertain, CL! – a species is present in the Slovak checklist (Lizoň & Bacigálová 1998), CL? – a species is present in the Slovak checklist (Lizoň & Bacigálová 1998) under different taxonomic concept, CZ – a species is present in the Czech Red list (Holec & Beran 2006), det. – determined by, HU – a species is present in the Hungarian list of protected species (Siller et al. 2006), IK – Ivona Kautmanová, IT – Iveta Tomášeková, leg. – collected by, LZ – Lucie Zíbarová, NM – Nature Monument, NNR – National Nature Reserve, not. – noted by (a record without a herbarium specimen), NR – Nature Reserve, rev. – revised by, PLA – protected landscape area, PRM – herbarium of National museum in Prague (Czech Republic), SK – the species is present in the Slovak Red list (Lizoň 2001), TT – Tereza Tejklová, VK – Vincent Kabát.

Most important visited localities (in alphabetical order). The characteristics of localities are based on The national list of specially protected nature areas of the Slovak Republic (<http://uzemia.enviroportal.sk/>). Geographic coordinates (WGS-84) are given to the centre of localities.

² CZ: Decree of the Czech Environment Ministry no. 395/92, HU: appendix no. 9 of Decree of the Hungarian Ministry of Environment and Water no. 23/2005, SK: Decree of the Slovakian Environment Ministry no. 24/2003

Dunajské ostrovy NR

The cadastral area Rusovce, Bratislava V distr., 48°03'55"N, 17°09'28"E
The nature reserve was created to protect habitats of floodplain forest and wetlands, as well as typical floodplain landscape. Many animal species are present here, especially birds. The core of biocentre of above-regional value and an important gene pool resource. Area of 219 ha. Created in 2002. Part of Dunajské luhy PLA. We have not found any previously published data from this locality.

Kopáčsky ostrov NR

The cadastral area Podunajské Biskupice, Bratislava II distr., 48°05'39"N, 17°09'46"E

The nature reserve was created to protect mosaic of specific steppe and forest steppe communities as well as typical floodplain forest communities. Area of 82 ha. Part of Dunajské luhy PLA. Protected since 1976. There are only sporadic data published in the literature (e. g. Čížek et al. 2007, Kabát 1999), also some uncommon lignicolous macrofungal species from the area are deposited in BRA such as *Pluteus austrantiorugosus* or *Neolentinus schaefferi*.

Panský diel NM

The cadastral area Podunajské Biskupice, Bratislava II distr., 48°06'05"N, 17°09'40"E

The subject of protection is well preserved forest steppe with presence exceptionally rare and critically endangered species of orchids. Area of 15 ha. Protected since 1990. Part of Dunajské luhy PLA. We recorded fungi here only along the road leading through the reserve. We are not aware of any previously published data from this locality.

Rusovce

The cadastral area Rusovce, Bratislava V distr., 48°03'14"N, 17°09'31"E

Park around château and neighbouring floodplain forest. Part of Dunajské luhy PLA. One of favourite collecting ground of L. Hagara, from which are known many of the rare species (Hagara 2001a, 2001b, 2014).

Slovanský ostrov NR

The cadastral area Devín, Bratislava IV distr., 48°10'04"N, 16°59'36"E

The objective of natural reserve and its buffer zone is to protect annex I habitats (willow-poplar floodplain forest and mesotrophic still water vegetation) and annex II national-level species. Area of 34 ha. Protected since 2009. In some sources called "Sedláčkov ostrov". Mycofloristic data were provided mostly by Jančovičová (e. g. 1999, 2000, 2001), Záhorovská et al. (1996) and Jančovičová & Glejdura (1999). Only part of locality was visited (the shore below the road to Devín).

Šúr NNR

The cadastral area Svätý Jur, Pezinok distr., 48°14'19"N, 17°13'50"E
The last and the largest remainder of tall swamp-fen alder carr together with wet and peaty meadows on its fringe. The xerothermic habitats are also present (Panónsky háj). A locality of very rich biodiversity; many of endangered taxa are present. Area of 655 ha. Protected since 1952. Part of the Ramsar Convention. Apart from report of Kabát & Procházka (1995), only limited data were published from here (Kabát 1996, Kabát & Procházka 1996, Mihál 1997). It is type localities of *Hypoxylon macrocarpum* (Pouzar 1978) and *Oligoporus alni* (Niemelä et al. 2001). Some very rare lignicolous species are known from the NNR such as *Biscogniauxia dennisii* (Pouzar 1986a), *Camarops lutea* (Pouzar 1986b), *Dichostereum effusatum* (Hagara 2014), *Rhodotus palmatus* (Kotlaba 1995), *Rigidoporus pouzarii* (Vampola & Vlasák 2012) or *Spongipellis (Loweomyces) fractipes* (Kotlaba & Pouzar 1976, Ripková & Hagara 2003). In addition, some rare terrestrial fungi were reported from this locality (namely Panónsky háj) such as *Amanita vittadinii* (Fábry 1968) or *Boletus fechtneri* (Dermek 1968).

Topoľové hony NR

The cadastral area Podunajské Biskupice, Bratislava II distr., 48°04'43"N, 17°12'06"E

The subjects of protection are the xerophilic pannonic oak forests and vegetation with *Staphyllea pinnata* L. In some sources the locality is called "Lieskovec". Area of 60 ha. Part of Dunajské luhy PLA. Protected since 1988. Almost no data were published from the locality, with exception of a record of *Jafnea semitosta* (Kabát 2016) and *Squamanita schreieri* (Červenka & Kautmanová 2007).

There are also some accidental records from other localities (e. g. Botanical Garden in Bratislava), see data for each individual species.

Tab. 1. Date, collectors and localities of field trips.

Date	Locality	Collectors
17.XI.2016	Kopáčsky ostrov NR Panský diel NM Biskupické rameno	TT, IK & IT
18.XI.2016	Topoľové hony NR	TT & IK
10.IV.2017	Šúr NNR	TT, LZ & IK
11.IV.2017	Topoľové hony NR	TT, LZ, IK & VK
12.IV.2017	Dunajské ostrovy NR Rusovce	TT, LZ, IK & IT
13.IV.2017	Botanical Garden in Bratislava	TT & LZ
3.XI.2017	Šúr NNR	TT & LZ (+ L. Hagara, V. Kautman & IK – they did not collect with us)
4.XI.2017	Rusovce	TT & LZ
5.XI.2017	Kopáčsky ostrov NR	TT & LZ
6.XI.2017	Slovanský ostrov NR	TT & LZ

Results and Discussion

We recorded 243 taxa during our field trips in 2016 and 2017. L. Hagara kindly supplied us data for additional specimens he collected during our trip in Šúr (3. XI. 2017), including two species³ that we did not collect in Podunajská nížina Lowland possibly due to fact that phenology of such species do not match timing of our visits together with a species-specific variability in the year-to-year abundance. This stresses the need of long-term studies in the mycology.

Achroomyces effusus (J. Schröt.) Mig.

Šúr NNR, alder carr, fallen trunk of *Alnus* sp., 10.IV.2017, leg. TT, LZ & IK, det. LZ, HR 104631

A seldom collected resupinate heterobasidiomycete often recorded from dead wood of *Alnus* (Hagara 2014, Jülich 1984, Pilát 1957). Krieglsteiner (2000) synonymised species with *Colacogloea peniophorae* (Bourdot & Galzin) Oberw. & Bandoni a species parasitic on corticioid fungi or Heterobasidiomycetes – an opinion we do not share, but the whole group is in dire need of modern taxonomic treatment.

³ *Athelia alnicola* (Bourdot et Galzin) Jülich, decorticated trunk and branch of *Alnus glutinosa*
Leptosporomyces roseus Jülich, bark of fallen trunk of *Alnus glutinosa*

Antrodia hyalina Spirin, Miettinen & Kotir. – CL? as *A. pulvinascens*
Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen thick branch of *Salix* sp., 5.XI.2017, leg. TT & LZ, det. P. Vampola, HR 105386

Slovanský ostrov NR, willow-poplar floodplain forest, fallen branch of *Populus* sp., 6.XI.2017, leg. TT & LZ, det. P. Vampola, HR 105390

Antrodia hyalina is a recently described species (Spirin et al. 2013) close to *Antrodia pulvinascens* (Pilát) Niemelä. Due to this, its distribution in Slovakia is largely unknown; there are several localities of *Antrodia pulvinascens* (as *Antrodia plicata* Niemelä) in Podunajská nížina Lowland mentioned by Kotlaba (1984) as well as specimens in BRA, but those should be revised, if they are not in fact *A. hyalina*. In our experience, *A. hyalina* is much more common in the Czech Republic than *A. pulvinascens* and it could be locally abundant especially in willow-poplar stands.

Antrodia macra (Sommerf.) Niemelä – CL! [CZ: EN; SK: LR:lc]

Šúr NNR, willow-poplar floodplain forest, attached branch of *Salix* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105338

A resupinate polypore species restricted to *Populus* and *Salix* (Ryvarden & Melo 2017); in our experience, it is often found on still attached, but dead branches in localities with high humidity. Kotlaba (1995) listed only three localities from Slovakia, none of them is in the Podunajská nížina Lowland.

Antrodia minuta Spirin – CL? as *A. malicola*

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch of *Populus* sp., 5.XI.2017, leg. TT & LZ, det. LZ, rev. P. Vampola, HR 105384

Šúr NNR, willow-poplar floodplain forest, fallen branch of *Populus* sp., 3.XI.2017, leg. TT & LZ, det. P. Vampola, HR 105393

Topoľové hony NR, hardwood floodplain forest, fallen branch of *Populus* sp., 11.IV.2017, leg. TT, LZ & IK, det. LZ, HR 104609

A species originally described from Russia (Spirin 2007), but then also collected in the Czech Republic (Spirin et al. 2016a, Vlasák 2015). According to Vlasák (2015) it is quite common in swampy places on aspen in the Czech Republic and in the past it was probably confused with other species from complex of *Antrodia malicola* (Berk. & M. A. Curtis) Donk. Therefore, specimens of *A. malicola* from Slovakia, especially collected

on *Salix* or *Populus*, should be revised. Ryvarden and Melo (2017) noted that confusion with the *Antrodia hyalina* and similar species may have also been possible.

Antrodia xantha (Fr.) Ryvarden – CL! [AU: LC:cc]

Dunajské ostrovy NR, willow-poplar floodplain forest, fallen branch of *Populus* sp., 12.IV.2017, leg. TT, LZ, IK & IT, det. LZ, HR 104584

Šúr NNR, willow-poplar floodplain forest, 3.XI.2017, fragment of a trunk of *Populus* sp., leg. et det. TT & LZ, HR 105337

The species is characteristic for boreal coniferous zone in Europe (Ryvarden & Melo 2017) but outside Europe reported even from subtropics (Kotlaba 1984). The records from angiosperm wood (mostly *Salix*) such as ours are rarely reported (Cui & Dai 2013, Kotlaba 1984). But in the area of Podunajská nížina Lowland its occurrence in floodplain forests is possibly not exceptional as was previously documented by Hagara (2014). In this regard the species is similar to e. g. *Artomyces pyxidatus* (Pers.) Jülich, which is known to us from warm alluvial forests as well as from raised bogs in mountains. Our Slovak records from angiosperm wood (*Populus*) were more brightly coloured than those we know from gymnosperm wood (also Ryvarden & Melo 2017 noted this). However, according to Cui & Dai (2013) *A. xantha* may produce fruitbodies with variable pore surface colour and all collections, regardless of their substrate and colour, cluster together in phylogram.

Aporpium canescens (P. Karst.) Bondartsev & Singer – CL! as *A. caryae* [AU: VU]

Šúr NNR, alder carr, fallen trunk of cf. *Alnus* sp., 10.IV.2017, leg. TT, LZ & IK, det. TT & LZ, HR 104643

Arachnopeziza aurata Fuckel

Topoľové hony NR, hardwood floodplain forest, fragment of a trunk of *Quercus* sp., 11.IV.2017, not. TT & LZ

Arachnopeziza aurelia (Pers.) Fuckel

Topoľové hony NR, thermophilic oak forest, fallen bark of *Quercus* sp., 11.IV.2017, leg. et det. TT, LZ, IK & VK, HR 104613

Armillaria gallica Marxm. & Romagn. – CL!

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen trunk of broadleaf tree, 5.XI.2017, not. TT & LZ

Artomyces pyxidatus (Pers.) Jülich – CL! [AU: LC:inc]
 Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch of *Salix* sp., 5.XI.2017, not. TT & LZ
 Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen thick branch of *Salix* sp., 5.XI.2017, leg. TT & LZ, det. LZ, HR 105278
 Slovanský ostrov NR, willow-poplar floodplain forest, fallen trunk of *Populus* sp., 6.XI.2017, not. TT & LZ
 Šúr NNR, willow-poplar floodplain forest, fallen branch of *Populus* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105360

Athelia decipiens (Höhn. & Litsch.) J. Erikss. – [AU: LC:cc]
 Rusovce, willow-poplar floodplain forest, fragment of a trunk of *Salix* sp., 4.XI.2017, leg. TT & LZ, det. LZ, HR 105265
 Slovanský ostrov NR, willow-poplar floodplain forest, fallen trunk of *Salix* sp., 6.XI.2017, leg. TT & LZ, det. LZ, HR 105257
 (cf.) Šúr NNR, Panónsky háj, thermophilic oak forest, fallen bark of *Quercus* sp., 10.IV.2017, leg. TT, LZ & IK, det. LZ, HR 104620

Athelia aff. pyriformis (M. P. Christ.) Jülich – [AU: LC:ec]
 Šúr NNR, willow-poplar floodplain forest, fragment of branch of broadleaf tree, 3.XI.2017, leg. TT & LZ, det. LZ, HR 105362

Athelia salicum Pers. – [AU: NE]
 Kopáčsky ostrov NR, forest steppe, fragment of a trunk of *Quercus* sp., 5.XI.2017, leg. TT & LZ, det. LZ, HR 105312

Auricularia auricula-judae (Bull.) Quél. – CL! [AU: LC:cc]
 Dunajské ostrovy NR, willow-poplar floodplain forest, fallen branch of *Populus* sp., 12.IV.2017, not. TT & LZ
 Kopáčsky ostrov NR, willow-poplar floodplain forest, fragment of a trunk of *Salix* sp., 5.XI.2017, not. TT & LZ
 Rusovce, willow-poplar floodplain forest, fallen trunk of *Fraxinus* sp., 4.XI.2017, not. TT & LZ
 Šúr NNR, willow-poplar floodplain forest, attached branch of *Salix* sp., 3.XI.2017, not. TT & LZ

Auricularia mesenterica (Dicks.) Pers. – CL! [AU: LC:cc]
 Kopáčsky ostrov NR, hardwood floodplain forest, fragment of a trunk of *Quercus* sp., 5.XI.2017, not. TT & LZ
 Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch

of *Viburnum lantana*, 5.XI.2017, not. TT & LZ
 Rusovce, hardwood floodplain forest, fallen branch of broadleaf tree, 4.XI.2017, not. TT & LZ
 Rusovce, hardwood floodplain forest, fallen branch of *Platanus* sp., 4.XI.2017, not. TT & LZ
 Slovanský ostrov NR, willow-poplar floodplain forest, fallen trunk of *Ulmus* sp., 6.XI.2017, not. TT & LZ
 Šúr NNR, willow-poplar floodplain forest, fallen trunk of *Populus* sp., 10.IV.2017, not. TT & LZ
 Šúr NNR, willow-poplar floodplain forest, snag of *Salix* sp., 3.XI.2017, not. TT & LZ
 Šúr NNR, alder carr, fallen thin trunk of *Alnus* sp., 3.XI.2017, leg. et det. TT & LZ, HR 105349
 Šúr NNR, Panónsky háj, thermophilic oak forest, fallen thin trunk of cf. *Ulmus* sp., 3.XI.2017, not. TT & LZ
 Topoľové hony NR, thermophilic oak forest, fallen trunk of *Quercus* sp., 11.IV.2017, not. TT & LZ

Biscogniauxia dennisii (Pouzar) Pouzar – [SK: DD]
 Šúr NNR, Panónsky háj, thermophilic oak forest, fallen thin trunk of *Ulmus* sp., 10.IV.2017, leg. TT, LZ & IK, det. LZ, HR 104618
 Šúr NNR, Panónsky háj, thermophilic oak forest, fallen branch of *Ulmus* sp., 10.IV.2017, leg. TT, LZ & IK, det. LZ, HR 104621

It is a very rare species in Europe, originally described from Želiezovce in south-east Slovakia (Pouzar 1977). Later, its second locality in Slovakia, was found by Pouzar (1986a) in Šúr NNR, where he made several collections. Almost forty years later, we documented that *Biscogniauxia dennisii* is still present and abundant there in part called Panónsky háj. Apparently thermophilic species not yet known from the Czech Republic.

Bisporella citrina (Batsch) Korf & S. E. Carp. – CL!
 Šúr NNR, willow-poplar floodplain forest, fallen trunk of *Populus* sp., 3.XI.2017, not. TT & LZ

Bjerkandera adusta (Willd.) P. Karst. – CL! [AU: LC:cc]
 Kopáčsky ostrov NR, willow-poplar floodplain forest, fragment of a trunk of *Salix* sp., 5.XI.2017, not. TT & LZ
 Rusovce, hardwood floodplain forest, snag of *Tilia* sp., 4.XI.2017, not. TT & LZ
 Šúr NNR, alder carr, fragment of a trunk of *Alnus* sp., 10.IV.2017,

not. TT & LZ

Šúr NNR, willow-poplar floodplain forest, fallen trunk of *Populus* sp., 3.XI.2017, not. TT & LZ

Bjerkandera fumosa (Pers.) P. Karst. – CL! [AU: LC:cc]

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen trunk of cf. *Populus* sp., 17.XI.2016, leg. TT, IK & IT, det. TT, rev. LZ, HR 104675

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch of *Populus alba*, 5.XI.2017, not. TT & LZ

Botryobasidium candicans J. Erikss. – [AU: LC:cc]

Šúr NNR, alder carr, fallen trunk of *Alnus* sp., 10.IV.2017, leg. TT, LZ & IK, det. LZ, HR 104634

Šúr NNR, alder carr, fallen branch of cf. *Alnus* sp., 10.IV.2017, leg. TT, LZ & IK, det. LZ, HR 104625

Šúr NNR, willow-poplar floodplain forest, fragment of a trunk of *Populus*, 3.XI.2017, eg. TT & LZ, det. LZ, HR 105356

Botryobasidium subcoronatum (Höhn. & Litsch.) Donk – [AU: LC:cc]

Šúr NNR, willow-poplar floodplain forest, fallen trunk of *Salix* sp., 10.IV.2017, leg. TT, LZ & IK, det. LZ, HR 104637

Šúr NNR, alder carr, fallen branch of *Alnus* sp., 10.IV.2017, leg. TT, LZ & IK, det. LZ, HR 104627

Bourdotia galzinii (Bres.) Trotter – CL! [AU: VU]

Dunajské ostrovy NR, willow-poplar floodplain forest, fallen branch of *Populus* sp., 12.IV.2017, leg. TT, LZ, IK & IT, det. LZ, HR 104580

Kopáčsky ostrov NR, forest steppe, fragment of a trunk of *Quercus* sp., 5.XI.2017, leg. TT & LZ, det. LZ, HR 105313

Rusovce, hardwood floodplain forest, fragment of a trunk of *Acer campestre*, 4.XI.2017, leg. TT & LZ, det. LZ, HR 105263

Šúr NNR, willow-poplar floodplain forest, fallen branch of cf. *Populus* sp., 10.IV.2017, leg. TT, LZ & IK, det. LZ, 104628

Šúr NNR, willow-poplar floodplain forest, fallen thin trunk of *Alnus* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105326

Topoľové hony NR, hardwood floodplain forest, fallen thin trunk of *Corylus avellana*, 11.IV.2017, leg. TT, LZ, IK & VK, det. LZ, HR 104611

Topoľové hony NR, hardwood floodplain forest, fallen thin trunk of *Quercus* sp., 11.IV.2017, leg. TT, LZ, IK & VK, det. LZ, HR 104599

Bourdotia galzinii was the most common resupinate heterobasidiomycete that we encountered during our field trips. The first record of *B. galzinii* from the former Czechoslovakia is by Čížek (1990) in Eastern Bohemia. We do not know the species from our personal experience in the Czech Republic and it is probably rare there. The first Slovak record is from Rusovce (Škubla 1999). Hagara (2014) noted its preference for floodplain forests.

Byssomerulius corium (Pers.) Parmasto – CL! [AU: LC:cc]

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch of *Salix* sp., 5.XI.2017, not. TT & LZ

Rusovce, hardwood floodplain forest, fallen branch of broadleaf tree, 4.XI.2017, not. TT & LZ

Slovanský ostrov NR, willow-poplar floodplain forest, fallen branch of *Sambucus nigra*, 6.XI.2017, not. TT & LZ

Šúr NNR, willow-poplar floodplain forest, fallen branch of broadleaf tree, 3.XI.2017, not. TT & LZ

Camarops polysperma (Mont.) J. H. Mill.

Šúr NNR, alder carr, fallen trunk of *Alnus* sp., 10.IV.2017, not. TT & LZ

Topoľové hony NR, hardwood floodplain forest, fallen thin trunk of *Quercus* sp., 11.IV.2017, not. TT & LZ

Catinella olivacea (Batsch) Boud. – CL! [CZ: NT]

Kopáčsky ostrov NR, willow-poplar floodplain forest, fragment of a trunk of *Salix* sp., 5.XI.2017, not. TT & LZ

A small but strikingly coloured discomycete growing on the moist trunks of angiosperms, most frequently *Salix* and *Populus*. It seems to prefer humid localities with abundance of dead wood. Although, based on our knowledge of the species ecology in the Czech Republic, we expected it would not be rare in Podunajská nížina Lowland, we were not able to find any published record from the area.

Ceraceomyces cf. *serpens* (Tode) Ginns – CL! [AU: LC:ec]

Topoľové hony NR, hardwood floodplain forest, fallen branch of *Fraxinus* sp., 11.IV.2017, leg. TT, LZ, IK & VK, det. LZ, HR 104600

Ceriporia camaresiana (Bourdot & Galzin) Bondartsev & Singer

Kopáčsky ostrov NR, forest steppe, fallen branch of *Quercus* sp.,
5.XI.2017, leg. TT & LZ, det. LZ, HR 105309

Kopáčsky ostrov NR, forest steppe, fragment of *Quercus* sp.,
5.XI.2017, leg. TT & LZ, det. LZ, HR 105314

Very rare species known only from France, Switzerland, Germany, Slovakia, Czech Republic and Russia (Ryvarden & Melo 2017). Unfortunately, the record from Slovakia mentioned by Ryvarden & Melo (2017) is without any further reference. The species is characteristic by pale colour, green reaction of dissepiments to KOH solution as well (sub) phaseliform spores ($5.5\text{--}6 \times 2.3\text{--}2.8 \mu\text{m}$ according to Pieri & Rivoire 1997). Somewhat similar reaction with KOH could be present in some specimens of common *Ceriporia viridans* (Berk. & Broome) Donk, but that species has significantly smaller spores.

Ceriporia griseoviolascens M. Pieri & B. Rivoire

Šúr NNR, Panónsky háj, thermophilic oak forest, fallen branch of
broadleaf tree, 10.IV.2017, leg. TT, LZ & IK, det. LZ, HR 105316

A species of difficult complex of *Ceriporia purpurea* (Fr.) Donk, from which it was not separated in the past. It is characterized by wider spores and occasional presence of cystidioid elements in the hymenium (Pieri & Rivoire 1997). In the Czech Republic, it is known from several records often in more or less warm locations growing on wood of various angiosperms (Zíbarová & Kout unpublished data), the collection from Panónsky háj, indicates that it has wider distribution in the Central Europe.

Ceriporia mellita (Bourdot & Galzin) Bondartsev & Singer – CL? as *C. herinkii* [CZ: VU]

Šúr NNR, willow-poplar floodplain forest, fallen trunk of cf.
Populus sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105335

Topoľové hony NR, thermophilic oak forest, fallen branch of cf.
Cornus mas, 11.IV.2017, leg. TT, LZ, IK & VK, det. LZ, HR 104597

Another species from difficult *Ceriporia purpurea* (Fr.) Donk complex characterized by waxy and sticky fruitbodies and spores that are slightly smaller and less variable in size than in *C. purpurea* (Ryvarden & Melo 2017, Spirin et al. 2016b). *Ceriporia herinkii* Vampola, which is probably synonymous (Spirin et al. 2016b), was collected in Podunajská nížina Lowland near Rusovce (Škubla 2003); in fact, another specimen from the same locality was referred by Spirin et al. (2016b) as *C. mellita*. Another specimen of *C. herinkii* from Slovanský ostrov is deposited in BRA.



Ceriporia camaresiana, Podunajská nížina Lowland, Kopáčsky ostrov NR, 5 November 2017, T. Tejklová & L. Zíbarová (HR 105314).
Photo L. Zíbarová.



Ceriporia griseoviolascens, Podunajská nížina Lowland, Šúr NNR, Panónsky háj, 10 April 2017, T. Tejklová, L. Zíbarová & I. Kautmanová (HR 105316). Photo L. Zíbarová.

Ceriporia purpurea (Fr.) Donk – CL! [AU: LC:ec; SK: NE]

Topoľové hony NR, thermophilic oak forest, attached branch of *Cornus mas*, 18.XI.2016, leg. TT & IK, det. LZ, HR 104648

Topoľové hony NR, thermophilic oak forest, fallen branch of *Quercus* sp., 18.XI.2016, leg. TT & IK, det. LZ, HR 104654

Topoľové hony NR, hardwood floodplain forest, fallen thin trunk of *Corylus avellana*, 18.XI.2016, leg. TT & IK, det. LZ, HR 104662

Ceriporia viridans (Berk. & Broome) Donk – CL! [AU: LC:ec]

Šúr NNR, alder carr, fragment of a trunk of *Alnus* sp., 10.IV.2017, leg. TT, LZ & IK, det. LZ, HR 104633

Cerrena unicolor (Bull.) Murrill – CL! [AU: LC:cc]

Rusovce, hardwood floodplain forest, fallen trunk of *Aesculus hippocastanum*, 4.XI.2017, leg. et det. TT & LZ, HR 105274

Chaetoporellus latitans (Bourdot & Galzin) Bondartsev & Singer – CL! [CZ: CR; SK: EN]

Slovanský ostrov NR, willow-poplar floodplain forest, fallen trunk of *Salix* sp., 6.XI.2017, leg. TT & LZ, det. LZ, HR 105254

Šúr NNR, willow-poplar floodplain forest, fallen thin trunk of *Salix* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105328

A very rare species of resupinate polypore with unclear ecology. In the Czech Republic it is known from localities with similar character as our records from Podunajská nížina Lowland: U Pohránovského rybníka NM – willow-poplar floodplain forest at the vicinity of Pardubice (fragment of fallen trunk of *Populus* sp.; not. T. Tejklová) and Trnovec NR near Uherské Hradiště (fallen trunk of *Fraxinus*; not. J. Běťák), but also in higher elevations in *Fagus* dominated forests: Vsetínské vrchy hills near Karolinka (stump and fallen trunk of *Fagus sylvatica*; Vampola & Vágner 1995), or natural forest Žákova hora NNR (decaying trunk of *Fagus sylvatica*; Dvořák & Běťák 2017). In addition Ryvarden & Melo (2017) claimed preference for *Pinus*. Probably it does not follow any specific habitat but simply prefers localities rich in dead wood. Despite being easy to determine under microscope, it may remain undercollected as it is morphologically similar to *Schizopora radula* (Pers.) Hallenb. In Podunajská nížina Lowland, it was previously recorded in Podunajská nížina islands (Jančovičová 2000), Rusovce and Šúr (Ripková & Hagara 2003). Indeed, Podunajská nížina lowland is the area where most of the records of *Ch. latitans* in Slovakia come from. Recently a new name was

proposed for the species – *Kneiffiella abdita* (Bourdot & Galzin) Riebesehl & E. Langer (Riebesehl & Langer 2017).

Chondrostereum purpureum (Pers.) Pouzar – CL! [AU: LC:cc]

Šúr NNR, alder carr, standing dead trunk of *Alnus* sp., 3.XI.2017, not. TT & LZ

Cinereomyces lindbladii (Berk.) Jülich – CL! as *Diplomitoporus lindbladii* [AU: LC:cc]

Topoľové hony NR, thermophilic oak forest, strongly decayed fallen trunk of *Quercus* sp., 11.IV.2017, leg. TT, LZ, IK & VK, det. LZ, HR 104604

Clitocybe truncicola (Peck) Sacc. – [AU: VU]

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen trunk of *Salix* sp., 5.XI.2017, leg. TT & LZ, det. LZ, HR 105280

Rusovce, hardwood floodplain forest, fallen bark and trunk of *Acer* sp., 4.XI.2017, leg. TT & LZ, det. LZ, HR 105264

Slovanský ostrov NR, willow-poplar floodplain forest, fallen trunk of *Salix* sp., 6.XI.2017, not. TT & LZ

In the Czech Republic, the distribution and ecology of *Clitocybe truncicola* was summarized by Kotlaba (2015) and Kotlaba & Antonín (2015) – the species is more frequent in Moravia than in Bohemia and its records have surprisingly wide range of elevations (150–1050 m a. s. l.). It seems to prefer reserves, i. e. localities with more or less preserved natural vegetation (and in accordance, abundant dead wood). Generally, despite the species is widespread in Europe, it is rare everywhere (Ludwig 2012). According Kotlaba (2015) the possible first record from Slovakia (Komárno, PRM 771805) is deposited in the National Museum in Prague together with more recent one (Stužica NNP, PRM 899413).

Coniophora arida (Fr.) P. Karst. – CL! [AU: LC:cc]

Kopáčsky ostrov NR, hardwood floodplain forest, fallen branch of *Quercus* sp., 5.XI.2017, not. TT & LZ

Coniophora puteana (Schumach.) P. Karst. – CL! [AU: LC:cc]

Rusovce, willow-poplar floodplain forest, fragment of a trunk of *Populus alba*, 4.XI.2017, leg. TT & LZ, det. LZ, HR 105272

Rusovce, willow-poplar floodplain forest, fallen trunk of *Salix* sp., 4.XI.2017, not. TT & LZ

Slovanský ostrov NR, willow-poplar floodplain forest, fallen trunk

of *Populus* sp., 6.XI.2017, not. TT & LZ

Slovanský ostrov NR, willow-poplar floodplain forest, fallen bark of *Populus* sp., 6.XI.2017, leg. TT & LZ, det. LZ, HR 105258

Šúr NNR, willow-poplar floodplain forest, fallen branch of *Salix* sp., 3.XI.2017, not. TT & LZ

Šúr NNR, willow-poplar floodplain forest, fragment of a trunk of *Salix* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105348

Šúr NNR, Panónsky háj, thermophilic oak forest, fallen branch of *Pyrus* sp., 3.XI.2017, not. TT & LZ

Topoľové hony NR, hardwood floodplain forest, fallen branch of *Quercus* sp., 18.XI.2016, leg. TT & IK, det. LZ, HR 104655

Topoľové hony NR, hardwood floodplain forest, fallen bark of *Quercus* sp., 18.XI.2016, leg. TT & IK, LZ, HR 104657

Coprinellus disseminatus (Pers.) J. E. Lange – CL! [AU: LC:cc]

Slovanský ostrov NR, willow-poplar floodplain forest, roots of uprooted *Salix* sp., 6.XI.2017, not. TT & LZ

Šúr NNR, hardwood floodplain forest, roots of uprooted *Cornus sanguinea*, 3.XI.2017, not. TT & LZ

Coprinellus micaceus (Bull.) Vilgalys, Hopple & Jacq. Johnson – CL! [AU: LC:cc]

Šúr NNR, alder carr, root buttress of *Alnus* sp., 3.XI.2017, not. TT & LZ

Coprinopsis spelaiophila (Bas & Uljé) Redhead, Vilgalys & Moncalvo – [AU: VU, CZ: DD]

Rusovce, park around château, cavity in the trunk of *Acer campestre*, 4.XI.2017, leg. et det. TT & LZ, HR 105277

Rusovce, park around château, cavity in the trunk of *Tilia* sp., 4.XI.2017, not. TT & LZ

An unmistakable species growing often in the cavities or from wounds of living or recently dead deciduous trees. In our experience, the old parks or alleys are typical localities of this species. Though Ludwig (2007) claimed it is very rare species, we believe it is rather overlooked species in the Central Europe due to its unusual ecology. A photo of *C. spelaiophila* from Petržalka, Bratislava is presented in Hagara (2014).

Corticium roseum Pers. – CL! [AU: LC:cc]

Šúr NNR, willow-poplar floodplain forest, attached thin branch of *Salix* sp., 3.XI.2017, leg. et det. TT & LZ, HR 105320

Crepidotus crocophyllus (Berk.) Sacc. – CL! [AU: EN; CZ: CR; SK: §, VU]

Kopáčsky ostrov NR, willow-poplar floodplain forest, fragment of a trunk of *Salix* sp., 5.XI.2017, leg. et det. TT & LZ, HR 105297

Šúr NNR, willow-poplar floodplain forest, fallen trunk of cf. *Populus* sp., 3.XI.2017, leg. et det. TT & LZ, HR 105330

A macroscopically striking species of *Crepidotus* with scattered distribution in warm parts of the Central Europe (it is absent e. g. in Bohemia, Czech Republic). In the past, it was considered to be associated with humid floodplain forests (Kotlaba 1995), but in last decade it seems to be expanding to dryer habitats (e. g. Ševčíková 2017). In Podunajská nížina Lowland it is known from Pečenský les (Škubla 1997), from locality “Spaľovňa” (Jančovičová & Zaliberová 2011) as well as islands Sihot' and Slovanský (Jančovičová 2000) and from Rusovce area (BRA, leg. Červenka). Outside that area, it was recorded in Slovakia at Záhorská nížina lowland (Škubla 1994, 1995), Devínska Kobyla Mts. (Ďuriška 2010, Ďuriška et al. 2012) or Bukovské vrchy Mts., Strážovské a Súľovské vrchy Mts. and Vihorlatské vrchy Mts. (Ripková et al. 2005) too. Supposedly, there are more localities there than the ones mentioned in the literature.

Crepidotus mollis (Schaeff.) Staude – CL! [AU: LC:cc]

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen trunk of *Populus* sp., 17.XI.2016, leg. TT, IK & IT, det. J. Salaš, HR 104665

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch of *Populus alba*, 5.XI.2017, not. TT & LZ

Rusovce, hardwood floodplain forest, fragment of a trunk of *Tilia* sp., 4.XI.2017, not. TT & LZ

Šúr NNR, willow-poplar floodplain forest, fallen trunk of *Populus* sp., 3.XI.2017, leg. et det. TT & LZ, HR 105324

Cristinia rhenana Grosse-Brauckm.

Topoľové hony NR, hardwood floodplain forest, fallen branch of *Populus* sp., 11.IV.2017, leg. TT, LZ, IK & VK, det. LZ, HR 104596

A rare corticioid species that is rather inconspicuous on first sight, but it could easily be determined by its striking purplish reaction with KOH and comparatively large spores (Hjortstam & Grosse-Brauckmann 1993). From Podunajská nížina Lowland (Rusovce), it was reported by Hagara (2014). It seems to prefer floodplain forests or similar habitats with high humidity (Hjortstam & Grosse-Brauckmann 1993, Losi 1999, Zíbarová unpublished data).

Crustoderma dryinum (Berk. & M. A. Curtis) Parmasto – [AU: EN]
Slovanský ostrov NR, willow-poplar floodplain forest, fragment of a trunk of *Populus* sp., 6.XI.2017, leg. TT & LZ, det. LZ, HR 105249

A brightly coloured and rare corticioid species. It was included among species with indication value for natural forests (Lindgren 2001) and in accordance, most records from the Czech Republic were from natural forests with ample dead wood. Nevertheless, it was also reported from processed wood (Grimm et al. 2016, Losi 1999, Vampola 2008), and in PRM, there is even specimen from greenhouse of the botanical garden. Moreover, Stenlid et al. (2008) listed it among species that favour burned wood.

Cylindrobasidium laeve (Pers.) Chamuris – [AU: LC:cc]
Dunajské ostrovy NR, willow-poplar floodplain forest, fallen branch of *Populus* sp., 12.IV.2017, not. TT & LZ

Dacrymyces stillatus Nees – CL! [AU: LC:cc]
Šúr NNR, willow-poplar floodplain forest, old pole of the fence, 3.XI.2017, leg. TT & LZ, det. LZ, HR 105358

Daedalea quercina (L.) Pers. – CL! [AU: LC:cc]
Šúr NNR, Panónsky háj, thermophilic oak forest, fallen branch of *Quercus* sp., 10.IV.2017, not. TT & LZ

Daedaleopsis confragosa (Bolton) J. Schröt. – CL! [AU: LC:cc]
Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen trunk of *Salix* sp., 5.XI.2017, not. TT & LZ
Šúr NNR, willow-poplar floodplain forest, snag of *Salix* sp., 10.IV.2017, not. TT & LZ
Šúr NNR, willow-poplar floodplain forest, on *Salix* sp., 3.XI.2017, not. TT & LZ

Daldinia childiae J. D. Rogers & Y. M. Ju
Dunajské luhy PLA, near Biskupické rameno, between “Vlčie hrdlo” and Panský diel NM, willow-poplar floodplain forest, fallen branch of *Acer* sp., 17.XI.2016, leg. TT, IK & IT, det. LZ, HR 104686
Dunajské ostrovy NR, willow-poplar floodplain forest, fallen

branch of *Populus alba*, 12.IV.2017, leg. TT, LZ, IK & IT, det. LZ, HR 104590

Dunajské ostrovy NR, willow-poplar floodplain forest, fallen branch of cf. *Populus* sp., 12.IV.2017, leg. TT, LZ, IK & IT, det. LZ, HR 104585

Topoľové hony NR, hardwood floodplain forest, fallen thin trunk of *Acer* sp., 11.IV.2017, leg. TT, LZ, IK & VK, det. LZ, HR 104606

Dasyscyphella nivea (R. Hedw.) Raitv. – CL!
Rusovce, willow-poplar floodplain forest, fallen branch of *Salix* sp., 4.XI.2017, leg. TT & LZ, det. LZ, HR 105273

Datronia mollis (Sommerf.) Donk – CL! [AU: LC:cc]
Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch of *Populus* sp., 17.XI.2016, leg. TT, IK & IT, det. TT, rev. LZ, HR 104674
Šúr NNR, alder carr, fallen branch of *Alnus* sp., 10.IV.2017, not. TT & LZ

Dendrothele acerina (Pers.) P. A. Lemke – CL! [AU: LC:cc]
Rusovce, hardwood floodplain forest, fallen trunk of *Acer campestre*, 4.XI.2017, not. TT & LZ
Šúr NNR, Panónsky háj, hardwood floodplain forest, trunk of *Acer* sp., 3.XI.2017, not. TT & LZ
Topoľové hony NR, hardwood floodplain forest, trunk of *Acer* sp., 18.XI.2016, leg. TT & IK, det. LZ, HR 104653

Dendrothele griseocana (Bres.) Bourdot & Galzin – [AU: NE]
Bratislava Botanical Garden, park, thin trunk of *Juniperus communis*, 13.IV.2017, leg. TT & LZ, det. LZ, HR 104592
Kopáčsky ostrov NR, willow-poplar floodplain forest, dead trunk of *Salix* sp., 5.XI.2017, leg. et det. TT & LZ, HR 105284

Diatrype bullata (Hoffm.) Fr. – CL!
Šúr NNR, willow-poplar floodplain forest, snag of *Salix* sp., 10.IV.2017, not. TT & LZ
Šúr NNR, willow-poplar floodplain forest, attached branch of *Salix* sp., 3.XI.2017, not. TT & LZ

Diatrypella favacea (Fr.) Ces. & De Not.

Šúr NNR, willow-poplar floodplain forest, fallen branch of *Betula* sp., 3.XI.2017, not. TT & LZ

Diatrypella quercina (Pers.) Cooke

Šúr NNR, Panónsky háj, thermophilic oak forest, fallen branch of *Quercus* sp., 3.XI.2017, not. TT & LZ

Topoľové hony NR, hardwood floodplain forest, fallen branch of *Quercus* sp., 11.IV.2017, not. TT & LZ

Eutypa spinosa (Pers.) Tul. & C. Tul.

Šúr NNR, Panónsky háj, hardwood floodplain forest, fallen branch of *Acer* sp., 10.IV.2017, not. TT & LZ

Eutypella alnifraga (Wahlenb.) Sacc.

Šúr NNR, willow-poplar floodplain forest, fallen branch of *Alnus* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105353

Eutypella scoparia (Schwein.) Ellis & Everh.

Šúr NNR, Panónsky háj, hardwood floodplain forest, fallen branch of *Ulmus* sp., 10.IV.2017, leg. TT, LZ & IK, det. TT & LZ, HR 104619

Exidia glandulosa (Bull.) Fr. – CL! [AU: LC:cc]

Topoľové hony NR, thermophilic oak forest, fallen branch of *Quercus* sp., 11.IV.2017, not. TT & LZ

Exidia nigricans (With.) P. Roberts – CL! [AU: LC:cc]

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch of *Salix* sp., 5.XI.2017, not. TT & LZ

Rusovce, hardwood floodplain forest, fallen thin trunk of *Carpinus betulus*, 4.XI.2017, not. TT & LZ

Šúr NNR, alder carr, fallen branch of *Alnus* sp., 10.IV.2017, not. TT & LZ

Exidiopsis effusa (Bref. ex Sacc.) Möller – CL! [AU: LC:cc]

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch of broadleaf tree, 17.XI.2016, leg. TT, IK & IT, det. LZ, HR 104682 (cf.) Slovanský ostrov NR, willow-poplar floodplain forest, last

year fallen stem of *Reynoutria* sp., 6.XI.2017, leg. TT & LZ, det. LZ, HR 105252

Fibricium subceraceum (Hallenb.) Bernicchia

Dunajské ostrovy NR, willow-poplar floodplain forest, fragment of a trunk of *Populus* sp., 12.IV.2017, leg. TT, LZ, IK & IT, det. LZ, HR 104578

Very rare corticioid species in Europe (Bernicchia & Gorjón 2010) not reported from any of neighbouring countries. It has worldwide distribution including Iran (Hallenberg 1978) and Argentina (Hjortstam & Ryvarde 1986). Distinguished from other European species of the genus by the absence of hymenial cystidia (Arras et al. 2007). Its ecological preferences are largely unknown; it was reported from wood of various angiosperms, rarely gymnosperms (Bernicchia & Gorjón 2010).

Fibrodontia gossypina Parmasto – [AU: NT]

Dunajské ostrovy NR, willow-poplar floodplain forest, fragment of a trunk of *Populus* sp., 12.IV.2017, leg. TT, LZ, IK & IT, det. LZ, HR 104582

Slovanský ostrov NR, willow-poplar floodplain forest, fragment of a trunk of *Ulmus* sp., 6.XI.2017, leg. TT & LZ, det. LZ, HR 105255

Šúr NNR, alder carr, fallen branch of *Alnus* sp., 10.IV.2017, leg. TT, LZ & IK, det. LZ, HR 104638

Šúr NNR, willow-poplar floodplain forest, fallen bark of *Populus* sp., 10.IV.2017, leg. TT, LZ & IK, det. LZ, HR 104624

Šúr NNR, willow-poplar floodplain forest, fragment of a trunk of *Populus* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105334

Flammulina velutipes (Curtis) Singer – CL! [AU: LC:cc]

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch of *Ulmus* sp., 5.XI.2017, not. TT & LZ

Kopáčsky ostrov NR, willow-poplar floodplain forest, attached branch of *Salix* sp., 5.XI.2017, not. TT & LZ

Slovanský ostrov NR, willow-poplar floodplain forest, base of death trunk of *Ulmus* sp., 6.XI.2017, not. TT & LZ

Šúr NNR, willow-poplar floodplain forest, base of *Salix* sp., 3.XI.2017, not. TT & LZ

Fomes fomentarius (L.) Fr. – CL! [AU: LC:cc]

Dunajské ostrovy NR, willow-poplar floodplain forest, fallen trunk of *Populus* sp., 12.IV.2017, not. TT & LZ

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen trunk of *Salix* sp., 5.XI.2017, not. TT & LZ

Rusovce, willow-poplar floodplain forest, fallen trunk of *Salix* sp., 4.XI.2017, not. TT & LZ

Šúr NNR, willow-poplar floodplain forest, fallen trunk of *Populus* sp., 10.IV.2017, not. TT & LZ

Šúr NNR, willow-poplar floodplain forest, fallen trunk of *Populus* sp., 3.XI.2017, not. TT & LZ

Galerina marginata (Batsch) Kühner – CL! [AU: LC:cc]

Šúr NNR, willow-poplar floodplain forest, fallen trunk of *Populus* sp., 3.XI.2017, not. TT & LZ

Šúr NNR, Panónsky háj, thermophilic oak forest, fallen trunk of broadleaf tree, 3.XI.2017, not. TT & LZ

Rusovce, willow-poplar floodplain forest, fallen trunk of *Salix* sp., 4.XI.2017, not. TT & LZ

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen trunk of *Salix* sp., 5.XI.2017, not. TT & LZ

Slovanský ostrov NR, willow-poplar floodplain forest, fallen trunk of broadleaf tree, 6.XI.2017, not. TT & LZ

Topoľové hony NR, hardwood floodplain forest, fallen trunk of broadleaf tree, 18.XI.2016, not. TT

Ganoderma applanatum (Pers.) Pat. – CL! [AU: LC:cc]

Rusovce, hardwood floodplain forest, fallen branch of *Tilia* sp., 4.XI.2017, not. TT & LZ

Slovanský ostrov NR, willow-poplar floodplain forest, fallen trunk of *Salix* sp., 6.XI.2017, not. TT & LZ

Šúr NNR, alder carr, fallen thin trunk of *Alnus* sp., 10.IV.2017, not. TT, LZ & IK

Šúr NNR, willow-poplar floodplain forest, fallen trunk of *Populus* sp., 3.XI.2017, not. TT & LZ

Gloeocystidiellum clavuligerum (Höhn. & Litsch.) Nakasone – [AU: NE]

Šúr NNR, willow-poplar floodplain forest, fallen branch of *Salix* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105357

A rare corticioid species in the Central Europe known only from sporadic records (Dämon & Krisai-Greilhuber 2016, Hagara 2014, Ostrow & Dämmrich 2010, Škubla 2003), partly because it was not distinguished from *Gloeocystidiellum porosum* (Berk. & M.A. Curtis) Donk and related taxa for a long time (Larsson & Hallenberg 2001).

Gloeoporus dichrous (Fr.) Bres. – CL! [AU: LC:inc; CZ: VU]

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch of *Salix* sp., 5.XI.2017, leg. et det. TT & LZ, HR 105344

Šúr NNR, alder carr, fallen branch of *Alnus* sp., 10.IV.2017, leg. et det. TT, LZ & IK, HR 104642

Gloeoporus pannocinctus (Romell) J. Erikss. – CL! as *Ceriporiopsis pannocincta* [AU: VU]

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen thick branch of *Salix* sp., 5.XI.2017, not. TT & LZ

Gloiothele lactescens (Berk.) Hjortstam – CL! [AU: LC:cc]

Šúr NNR, alder carr, fallen thin branch of *Alnus* sp., 3.XI.2017, leg. TT & LZ, det., HR 105354

Slovanský ostrov NR, willow-poplar floodplain forest, hollow stump of *Salix* sp., 6.XI.2017, leg. TT & LZ, det. LZ, HR 105256

An uncommon, yet conspicuous corticioid species. It seems to prefer floodplain forests in Slovakia (Hagara 2014); we also have the similar experience from the Czech Republic.

Haplotrichum aureum (Pers.) Hol.-Jech. – [AU: LC:cc]

Dunajské ostrovy NR, willow-poplar floodplain forest, fragment of a trunk of *Populus* sp., 12.IV.2017, not. TT & LZ

Kopáčsky ostrov NR, willow-poplar floodplain forest, fragment of a trunk of *Salix* sp., 5.XI.2017, not. TT & LZ

Rusovce, hardwood floodplain forest, fallen trunk of *Tilia* sp., 4.XI.2017, not. TT & LZ

Rusovce, willow-poplar floodplain forest, fallen trunk of *Populus alba*, 4.XI.2017, not. TT & LZ

Slovanský ostrov NR, willow-poplar floodplain forest, fragment of a trunk of *Ulmus* sp., 6.XI.2017, not. TT & LZ

Šúr NNR, alder carr, fallen branch of *Alnus* sp., 10.IV.2017, not. TT & LZ

Šúr NNR, alder carr, fallen branch of *Alnus* sp., 3.XI.2017, leg. et det. TT & LZ, HR 105351

Heterochaete dubia Bourdot & Galzin – CL! [AU: NT as *Stypella dubia*]
Dunajské ostrovy NR, willow-poplar floodplain forest, strongly decayed fallen trunk of *Populus* sp., 12.IV.2017, leg. TT, LZ, IK & IT, det. LZ, HR 104589

Šúr NNR, willow-poplar floodplain forest, fragment of a branch of *Populus* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105325

Hohenbuehelia cf. *mastrucata* (Fr.) Singer – CL! [AU: NT]
Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen trunk of *Populus* sp., 5.XI.2017, not. TT & LZ

The fruitbody we found was too old for a herbarium collection, but in the macromorphological aspect it was close to description in Ludwig (2001). In Podunajská nížina Lowland it is also known from Rusovce (BRA, leg. Červenka).

Hymenochaete rubiginosa (Dicks.) Lév. – CL! [AU: LC:cc]
Topoľové hony NR, thermophilic oak forest, fallen branch of *Quercus cerris*, 18.XI.2016, leg. TT & IK, det. TT, HR 104663
Šúr NNR, Panónsky háj, thermophilic oak forest, fallen branch of *Quercus* sp., 10.IV.2017, not. TT & LZ

Hymenoscyphus cf. *calyculus* (Fr.) W. Phillips
Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch of *Salix* sp., 5.XI.2017, not. TT & LZ
Slovanský ostrov NR, willow-poplar floodplain forest, fallen mossy trunk of *Ulmus* sp., 6.XI.2017, not. TT & LZ

Hyphoderma argillaceum (Bres.) Donk – [AU: LC:cc]
Šúr NNR, alder carr, fallen branch of *Alnus* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105333

Hyphoderma setigerum (Fr.) Donk – CL! [AU: LC:cc]
Kopáčsky ostrov NR, willow-poplar floodplain forest, fragment of a trunk of *Salix* sp., 5.XI.2017, leg. TT & LZ, det. LZ, HR 105289

Hyphodermella corrugata (Fr.) J. Erikss. & Ryvarden – CL! [AU: LC:ec]
Topoľové hony NR, thermophilic oak forest, fallen branch of cf. *Cornus mas*, 11.IV.2017, leg. TT, LZ, IK & VK, det. LZ, HR 104598

Hyphodontia arguta (Fr.) J. Erikss. – CL! [AU: LC:cc]
Dunajské luhy PLA, near Biskupické rameno, between “Vlčie hrdlo” and Panský diel NM, willow-poplar floodplain forest, fallen branch of broadleaf tree, 17.XI.2016, leg. TT, IK & IT, det. LZ, HR 104685

Šúr NNR, alder carr, fallen branch of *Alnus* sp., 10.IV.2017, leg. TT, LZ & IK, det. LZ, HR 104630

Šúr NNR, willow-poplar floodplain forest, fragment of a branch of *Populus* sp., 3.XI.2017, not. TT & LZ

Šúr NNR, willow-poplar floodplain forest, fallen think trunk of *Alnus* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105366

Hyphodontia pallidula (Bres.) J. Erikss. – CL! [AU: LC:cc]
Šúr NNR, alder carr, fallen thin trunk of *Alnus* sp., 3.XI.2017, leg. TT & LZ, det. LZ, the specimen is deposited under *Heterochaete dubia* (HR 105325) as there both species present.

Hypholoma fasciculare (Huds.) P. Kumm. – CL! [AU: LC:cc]
Šúr NNR, willow-poplar floodplain forest, dead wood of diverse broadleaves, 10.IV.2017, not. TT & LZ

Hypochnella violacea Auersw. ex J. Schröt. – [AU: NT; CZ: CR]
Rusovce, willow-poplar floodplain forest, fragment of a trunk of *Salix* sp., 4.XI.2017, leg. TT & LZ, det. LZ, HR 105371

Hypochnella violacea was reported in Slovakia for the first time by Škubla (1998). Later Hagara (2002) published additional six records around Rusovce, the same locality that we collected it during our field trips. It may prefer floodplain forests (Hagara 2002) but from the Czech Republic it is also known from other habitats (Pouzar 2006a), including man-influenced ones (Zíbarová unpublished data). Pouzar (2006a) mentioned sharp decline of its records in the Czech Republic since the eighth decade of the last century. The conspicuous violet colour makes *H. violacea* hard to overlook in field, however, its resemblance to much more common *Tulasnella violacea* could be the reason, why it is seldom collected.

Hypocrea sulphurea (Schwein.) Sacc.

Kopáčsky ostrov NR, willow-poplar floodplain forest, attached twig of *Salix* sp., 5.XI.2017, leg. TT & LZ, det. LZ, HR 105395

A striking species parasitic on the *Exidia* spp. (Jaklitsch 2011). In our collection the host was no longer present, but there was *Exidia nigricans* (With.) P. Roberts growing on other close twigs of the very same tree. Not yet recorded from Slovakia but as it not infrequent in eastern Austria (Jaklitsch 2011), its presence here is not surprising.

Hypoxyton fuscum (Pers.) Fr. – CL!

Dunajské ostrovy NR, willow-poplar floodplain forest, fallen branch of *Salix* sp., 12.IV.2017, not. TT & LZ

Šúr NNR, alder carr, fallen branch of *Alnus* sp., 10.IV.2017, leg. TT, LZ & IK, det. LZ, HR 104626

Šúr NNR, hardwood floodplain forest, fallen thin trunk of *Corylus avellana*, 3.XI.2017, not. TT & LZ

Hypoxyton howeanum Peck

Šúr NNR, alder carr, fallen branch of *Alnus* sp., 10.IV.2017, not. TT & LZ

Topoľové hony NR, hardwood floodplain forest, fallen branch of *Carpinus betulus*, 11.IV.2017, not. TT & LZ

Hypoxyton macrocarpum Pouzar

Šúr NNR, alder carr, fallen branch of *Alnus* sp., 10.IV.2017, not. TT & LZ

Topoľové hony NR, hardwood floodplain forest, fallen branch of *Quercus* sp., 11.IV.2017, not. TT & LZ

Rusovce, hardwood floodplain forest, fallen branch of *Acer campestre*, 4.XI.2017, not. TT & LZ

Hypoxyton perforatum (Schwein.) Fr.

Dunajské ostrovy NR, willow-poplar floodplain forest, fallen branch of *Fraxinus* sp., 12.IV.2017, not. TT & LZ

Topoľové hony NR, hardwood floodplain forest, fallen branch of *Fraxinus* sp., 11.IV.2017, leg. TT, LZ, IK & VK, det. LZ, HR 104594

Despite being locally common, the species was published from the Czech Republic for the first time just recently (Kout & Zíbarová 2016). It is likely that the situation is similar in Slovakia and it is only overlooked here; the



Hypocrea sulphurea, Podunajská nížina Lowland, Kopáčsky ostrov NR, 5 November 2017. T. Tejklová & L. Zíbarová (HR 105395). Photo L. Zíbarová.



Hypoxyton submonticulosum, Podunajská nížina Lowland, Topoľové hony NR, 11 April 2017, T. Tejklová, L. Zíbarová, I. Kautmanová & V. Kabát (HR 104608). Photo L. Zíbarová.

only collection known to us is from Topoľové hony NR in 2011 (BRA, leg. Červenka).

Hypoxylon rubiginosum (Pers.) Fr. – CL!

Kopáčsky ostrov NR, willow-poplar floodplain forest, fragment of a trunk of *Salix* sp., 5.XI.2017, leg. TT & LZ, det. LZ, HR 105291

Hypoxylon submonticulosum Y. M. Ju & J. D. Rogers – [CZ: CR]

Slovanský ostrov NR, willow-poplar floodplain forest, fallen branch of *Salix* sp., 6.XI.2017, leg. TT & LZ, det. LZ, HR 105250
Topoľové hony NR, hardwood floodplain forest, fallen branch of *Corylus avellana*, 11.IV.2017, leg. TT, LZ, IK & VK, det. LZ, HR 104608

The species originally described from North America (Ju & Rogers 1996), but it was later also recorded from France (Fournier & Magni 2004) and the Czech Republic (Pouzar 2006b). Not yet published from Slovakia but our records are not the first as in National Museum in Prague, there is an older specimen of *Hypoxylon submonticulosum* from the country, even from Podunajská nížina Lowland (sylva Čičovský les ap. Čičov prope Čalovo, 20.IX.1984, leg. et det. Z. Pouzar, PRM 870435).

Hypoxylon ticinense L. E. Petrini – [CZ: DD; SK: DD]

Dunajské ostrovy NR, willow-poplar floodplain forest, death thin trunk of broadleaf tree, 12.IV.2017, not. TT & LZ
Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch of broadleaf tree, 17.XI.2016, leg. TT, IK & IT, det. TT, rev. LZ, HR 104676
Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch of *Populus* sp., 17.XI.2016, leg. TT, IK & IT, det. TT, rev. LZ, HR 104673
Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch of *Viburnum lantana*, 5.XI.2017, not. TT & LZ
Kopáčsky ostrov NR, hardwood floodplain forest, attached branch of *Swida sanguinaria*, 5.XI.2017, not. TT & LZ
Panský diel NM, hardwood floodplain forest, fallen and attached branches of *Cornus mas*, 17.XI.2016, leg. TT, IK & IT, det. TT, HR 104688
Rusovce, hardwood floodplain forest, fallen branch of *Tilia* sp., 4.XI.2017, not. TT & LZ

Topoľové hony NR, hardwood floodplain forest, base of thin trunk of *Crataegus* sp., 18.XI.2016, leg. TT & IK, det. TT, rev. LZ, HR 104649

Topoľové hony NR, hardwood floodplain forest, fallen branch of *Corylus avellana*, 11.IV.2017, leg. TT & IK, det. TT, HR 104614

Notes on, distribution and ecology in the Czech Republic were published by Maňák (2016), and they were later supplemented by another locality (Zibarová & Kout 2017). In Slovakia, a map of its distribution was presented by Ripková & Hagara (2003); all localities there were clustered in Bratislava area. We could also confirm that it is locally common there. The localities in Dunajské luhy PLA are the easternmost in Europe (Hagara 2014). The species seems to prefer warm and humid localities in the Czech Republic (Maňák 2016) and accordingly the localities in Dunajské luhy are similar in this regard.

Hysterium angustatum Alb. & Schwein.

Dunajské ostrovy NR, willow-poplar floodplain forest, fallen branch of *Populus* sp., 12.IV.2017, leg. TT, LZ, IK & IT, det. LZ, HR 104587

Inonotus radiatus (Sowerby) P. Karst. – CL! [AU: LC:cc as *Xanthoporia radiata*]

Šúr NNR, alder carr, standing dead trunk of *Alnus* sp., 3.XI.2017, not. TT & LZ

Irpex lacteus (Fr.) Fr. – CL! [AU: LC:cc; CZ: EN]

Topoľové hony NR, thermophilic oak forest, fallen branch of *Quercus cerris*, 18.XI.2016, leg. TT & IK, det. P. Vampola, HR 105382

Topoľové hony NR, thermophilic oak forest, fallen branch of cf. *Tilia* sp., 18.XI.2016, leg. TT & IK, det. P. Vampola, HR 105382

Topoľové hony NR, thermophilic oak forest, fallen twig of *Quercus* sp., 11.IV.2017, leg. TT, LZ, IK & VK, det. LZ, HR 104593

An uncommon and morphologically plastic species with wide distribution from boreal zone to tropics (Ryvarden & Melo 2017). In the Podunajská nížina Lowland, Škubla (2003) mentioned it from Bratislava and Jančovičová (2000) from Podunajská nížina islands (Sihot' and Slovanský ostrov).

Kneiffiella subalutacea (P. Karst.) Jülich & Stalpers – [AU: LC:cc]

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen thick branch of *Salix* sp., 5.XI.2017, leg. TT & LZ, det. LZ, HR 105286
An uncommon corticioid species in Europe as well as in Slovakia (Hagara 2003). In Slovakia it is more frequent in higher elevations (Hagara 2003); our record is unusual in this regard.

Laetiporus sulphureus (Bull.) Murrill – CL! [AU: LC:cc]

Kopáčsky ostrov NR, willow-poplar floodplain forest, trunk of *Populus alba*, 5.XI.2017, not. TT & LZ
Kopáčsky ostrov NR, willow-poplar floodplain forest, snag of *Populus* sp., 5.XI.2017, not. TT & LZ
Rusovce, willow-poplar floodplain forest, fallen trunk of *Salix* sp., 4.XI.2017, not. TT & LZ
Slovanský ostrov NR, willow-poplar floodplain forest, fallen branch of *Salix* sp., 6.XI.2017, not. TT & LZ
Šúr NNR, hardwood floodplain forest, fallen trunk of *Quercus* sp., 3.XI.2017, not. TT & LZ
Šúr NNR, alder carr, fallen trunk of *Alnus* sp., 3.XI.2017, not. TT & LZ

Lasiosphaeria hirsuta (Fr.) Ces. & De Not.

Šúr NNR, willow-poplar floodplain forest, fragment of a branch of cf. *Populus* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105327

Lasiosphaeria ovina (Pers.) Ces. & De Not.

Topoľové hony NR, hardwood floodplain forest, fallen branch of *Corylus avellana*, 18.XI.2016, leg. TT & IK, det. TT, rev. LZ, HR 104664

Lentinellus ursinus (Fr.) Kühner – [AU: LC:ec; CZ: EN]

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen thick branch of *Salix* sp., 5.XI.2017, leg. et det. TT & LZ, HR 105296
In our experience, the species seems to be spreading in the Czech Republic during past decade, and in these days it is not uncommon in (but not only) floodplain forests there. The similar process may be undergoing in the Podunajská nížina Lowland as there are not any published records from the area to the date. However, confusion with similar species may also partly account for scarcity of records from Slovakia in the past. We followed taxonomical concept by Knudsen (2012).

Lentinus tigrinus (Bull.) Fr. – CL! [AU: VU]

Dunajské ostrovy NR, willow-poplar floodplain forest, fallen branch of broadleaf tree, 12.IV.2017, not. TT & LZ
Šúr NNR, alder carr, fallen thin trunk of *Alnus* sp., 10.IV.2017, not. TT & LZ

Leptosporomyces mutabilis (Bres.) Krieglst. – [AU: LC:cc]

Kopáčsky ostrov NR, willow-poplar floodplain forest, old fruitbody of *Phellinus igniarius*, 5.XI.2017, leg. TT & LZ, det. LZ, HR 105290

Lindtneria panphyliensis Bernicchia & M. J. Larsen

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen thick branch of *Salix* sp., 5.XI.2017, leg. TT & LZ, det. LZ, HR 105288
While Bernicchia & Gorjón (2010) stressed ornamentation and spore shape as distinguishing features towards *L. leucobryophila* (Henn.) Jülich, Fraiture (2013) in the later treatment of genus focused on basal clamps on basidia (present in *L. leucobryophila*, absent in *L. panphyliensis*) and basidial length. Despite clamps on basidia were not reported in original description (Larsen & Bernicchia 1990), this was corrected later (Bernicchia & Gorjón 2010). However, it is unclear, if Fraiture (2013) studied some authentic material of *L. panphyliensis* and we followed species concept by Bernicchia & Gorjón (2010) here.

Our records from the Czech Republic are often from humid localities (alluvial forests, pond margin), on the underside of wood or various debris, frequently associated with *Salix* or *Populus*, suggesting possible symbiotic relationship. However, the mycorrhizal status of the genus remains controversial at best (Rinaldi et al. 2008, Tedersoo et al. 2010). In our experience, it seems to be the most widespread member of the genus in the Central Europe. *Lindtneria panphyliensis* was reported from Slovakia by Hagara (2001b, 2014).

Lopadostoma dryophilum (Nitschke ex G.H. Otth) Jaklitsch, J. Fourn. & Voglmayr

Šúr NNR, willow-poplar floodplain forest, fallen thin trunk of *Salix* sp., 3.XI.2017, leg. TT & LZ, det., HR 105394
The macro and microscopic characters agree well with the description by Jaklitsch et al. (2014), but it has not been reported from *Salix* yet.

Lopadostoma pouzarii Granmo & L. E. Petrini

Šúr NNR, Panónsky háj, thermophilic oak forest, fragment of a trunk of *Pyrus* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105369
In the Czech Republic it seems to be confined to the well-preserved, often ravine forest on wood of *Fraxinus* and *Ulmus* (Zíbarová unpublished data). Our Slovak record from completely different habitat and substrate shows that the species has wider ecological amplitude. No previous published record of *L. pouzarii* from Slovakia is known to us.

Lyomyces sambuci (Pers.) P. Karst. – CL! as *Hyphodontia sambuci* [AU: LC:cc]

Dunajské ostrovy NR, willow-poplar floodplain forest, fallen branch of broadleaf tree, 12.IV.2017, leg. TT, LZ, IK & IT, det. LZ, HR 104588

Kopáčsky ostrov NR, willow-poplar floodplain forest, base of *Sambucus nigra*, 5.XI.2017, not. TT & LZ

Slovanský ostrov NR, willow-poplar floodplain forest, base of *Sambucus nigra*, 6.XI.2017, not. TT & LZ

Slovanský ostrov NR, willow-poplar floodplain forest, fallen branch of *Ulmus* sp., 6.XI.2017, leg. TT & LZ, det. LZ, HR 105246

Merismodes anomala (Pers.) Singer – CL! [AU: LC:cc]

Šúr NNR, willow-poplar floodplain forest, fallen branch of broadleaf tree, 3.XI.2017, leg. TT & LZ, det. LZ, HR 105340

Merismodes ochracea (Hoffm.) D.A. Reid

Kopáčsky ostrov NR, forest steppe, stump of *Quercus* sp., 5.XI.2017, leg. TT & LZ, det. LZ, HR 105299

There is lot of confusion in literature regarding this species – apart from being synonymised with *Merismodes anomala* (Pers.) Singer, Cooke (1961) wrongly assumed it has brown spores and combined it into genus *Phaeocyphellopsis*, an error, that was later corrected by Reid (1963). Nevertheless, *M. ochracea* is well defined from other European species of genus by tubular to clavate fruitbodies. Superficially it somewhat reminds of *Woldmaria filicina* (Peck) Knudsen, a species growing on ferns. From the former Czechoslovakia it was first published by Pilát (1925, as *Solenia ochracea*), but we are not aware of any collection from present Slovakia.

Mucronella calva (Alb. & Schwein.) Fr. – CL! [AU: LC:ec]

Kopáčsky ostrov NR, willow-poplar floodplain forest, fragment of a trunk of *Salix* sp., 5.XI.2017, not. TT & LZ

Rusovce, willow-poplar floodplain forest, fallen branch of *Salix* sp., 4.XI.2017, leg. TT & LZ, det. LZ, HR 105270

Slovanský ostrov NR, willow-poplar floodplain forest, fragment of a trunk of *Populus* sp., 6.XI.2017, not. TT & LZ

Mycena cf. *alba* (Bres.) Kühner – [AU: VU as *Phleomana alba*]

Topoľové hony NR, hardwood floodplain forest, mossy base of *Tilia* sp. trunk, 18.XI.2016, leg. TT & IK, det. LZ, HR 104652

Mycena arcangeliana Bres. – CL! [AU: LC:cc]

Šúr NNR, willow-poplar floodplain forest, fallen branch of broadleaf tree, 3.XI.2017, not. TT & LZ

Šúr NNR, Panónsky háj, thermophilic oak forest, fallen trunk of cf. *Ulmus* sp., 3.XI.2017, not. TT & LZ

Mycena galericulata (Scop.) Gray – CL! [AU: LC:cc]

Kopáčsky ostrov NR, thermophilic oak forest, fragment of a trunk of *Quercus* sp., 5.XI.2017, not. TT & LZ

Šúr NNR, willow-poplar floodplain forest, fallen branch of *Salix* sp., 3.XI.2017, not. TT & LZ

Mycena hiemalis (Osbeck) Quél. – [AU: LC:cc as *Phleomana hiemalis*]

Kopáčsky ostrov NR, willow-poplar floodplain forest, fragment of a trunk of *Salix* sp., 5.XI.2017, not. TT & LZ

Šúr NNR, willow-poplar floodplain forest, fallen thin trunk of *Salix* sp., 3.XI.2017, not. TT & LZ

Mycena inclinata (Fr.) Quél. – CL! [AU: LC:cc]

Rusovce, hardwood floodplain forest, stump of *Quercus* sp., 4.XI.2017, not. TT & LZ

Mycena meliigena (Berk. & Cooke) Sacc. – [AU: NT]

Šúr NNR, willow-poplar floodplain forest, fallen bark of *Salix* sp., 3.XI.2017, not. TT & LZ

Mycena olida Bres. – CL! [AU: NT]

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch of *Salix* sp., 5.XI.2017, leg. TT & LZ, det. LZ, HR 105293

Mycena polygramma (Bull.) Gray – CL! [AU: LC:cc]

Rusovce, hardwood floodplain forest, fragments of wood underground, 4.XI.2017, not. TT & LZ

Šúr NNR, hardwood floodplain forest, fragments of wood underground, 3.XI.2017, not. TT & LZ

Mycena pseudocorticola Kühner – CL! [AU: LC:ec; CZ: EN]

Šúr NNR, willow-poplar floodplain forest, fallen thin trunk of *Salix* sp., 3.XI.2017, not. TT & LZ

Mycena renati Quél. – CL! [AU: LC:cc]

Šúr NNR, alder carr, snag of *Alnus* sp., 10.IV.2017, not. TT & LZ

Šúr NNR, Panónsky háj, hardwood floodplain forest, fallen branch of broadleaf tree, 10.IV.2017, not. TT & LZ

Mycena speirea (Fr.) Gillet – CL! [AU: LC:cc as *Phleomana speirea*]

Rusovce, hardwood floodplain forest, fallen bark of *Tilia* sp., 4.XI.2017, not. TT & LZ

Šúr NNR, scrubby forest fringe, fallen branch of broadleaf tree, 3.XI.2017, not. TT & LZ

Mycena tenerrima (Berk.) Quél. – [AU: VU as *M. adscendens*]

Rusovce, willow-poplar floodplain forest, fallen bark of *Salix* sp., 4.XI.2017, leg. TT & LZ, det. LZ, HR 105269

Slovanský ostrov NR, willow-poplar floodplain forest, fallen bark of *Populus* sp., 6.XI.2017, not. TT & LZ

Šúr NNR, alder carr, fragment of a trunk and bark of *Alnus* sp., 10.IV.2017, not. TT, LZ & IK

Myxarium nucleatum Wallr. – [AU: LC:ec]

Dunajské luhy PLA, near Biskupické rameno, between “Vlčie hrdlo” and Panský diel NM, willow-poplar floodplain forest, fallen branch of *Populus* sp., 17.XI.2016, leg. TT, IK & IT, det. LZ, HR 104684

Rusovce, hardwood floodplain forest, fallen bark of *Acer* sp., 4.XI.2017, leg. TT & LZ, det. LZ, HR 105266

Nectria episphaeria (Tode) Fr.

Topoľové hony NR, hardwood floodplain forest, old fruitbody of *Diatrype* sp., 11.IV.2017, not. TT & LZ

Nectria cf. *peziza* (Tode) Fr. – CL!

Šúr NNR, willow-poplar floodplain forest, fallen branch of *Salix* sp., 3.XI.2017, not. TT & LZ

Nectria punicea (J. C. Schmidt) Fr.

Rusovce, hardwood floodplain forest, fallen trunk of *Acer campestre*, 4.XI.2017, leg. TT & LZ, det. LZ, HR 105262

Nectria sinopica (Fr.) Fr.

Bratislava, garden at Bratislava castle, dead twigs of *Hedera helix*, 9.IV.2017, not. TT & LZ

Rusovce, wall of château park, dead twigs of *Hedera helix*, 12.IV.2017, leg. TT, LZ, IK & IT, det. TT & LZ, HR 104591

Rusovce, park around château, attached twigs of *Hedera helix*, 4.XI.2017, leg. et det. TT & LZ, BRA

Slovanský ostrov NR, willow-poplar floodplain forest, attached twigs of *Hedera helix*, 6.XI.2017, leg. et det. TT & LZ, HR 105260

This species restricted to dead fronds of *Hedera helix* was first recorded in Slovakia in 2017 (Zíbarová & Tejklová 2017). For more information on its ecology and distribution in the Czech Republic see also Tejklová & Zíbarová (2017).

Nemania aenea var. *aenea* (Nitschke) Pouzar

Šúr NNR, willow-poplar floodplain forest, fragment of a branch of cf. *Populus* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105473

The species was recorded from the Podunajská nížina Lowland by Pouzar (1985) who also found this species from Šúr, as well as in the several other localities in the Podunajská nížina Lowland (Veľký ostrov, Petržalka, Horná Sihoľ, Kalinkovské rameno, jazero Lion, Čičovský les), but he noted that he was unable to record it on the surrounding hills. Later Granmo et al. (1999) revised some Pouzar's specimens from Slovakia and pointed out that part of material has a germ slit on the more convex side of the spore and excluded those collections from their concept of *Nemania aenea*. The same germ slit position was also observed in the single collection of *N. aenea* from the Moravia, Czech Republic and taxonomic significance of this character is still unclear (Zíbarová & Kout

2017). Nevertheless, according to Granmo et al. (1999) at least one Pouzar's collection from Šúr (PRM 821101) belongs to *Nemania aenea* in their restricted sense. Our specimen from the same locality also matches this concept. *Nemania aenea* var. *aureolutea* (L.E. Petrini & J.D. Rogers) Y.M. Ju & J.D. Rogers, with ascoapical apparatus not blueing in Melzer's solution is more common in Bohemia, Czech Republic and present also in Austria (Zíbarová & Kout 2017), but we do not know any collection of this variety from Slovakia.

Nemania carbonacea Pouzar

Topoľové hony NR, hardwood floodplain forest, fallen thin trunk of *Corylus avellana*, 11.IV.2017, leg. TT, LZ, IK & VK, det. LZ, HR 104610

Uncommon, rather thermophilic species in the Czech Republic (Zíbarová & Kout 2017). Already collected in Podunajská nížina Lowland (Sihot', Rusovce) by Pouzar (1985).

Nemania aff. *diffusa* (Sowerby) Gray

Kopáčsky ostrov NR, willow-poplar floodplain forest, fragment of fallen trunk of *Salix* sp., 5.XI.2017, leg. TT & LZ, det. LZ, HR 105245

Our collection differs from typical *Nemania diffusa* chiefly by inamyloid ascoapical apparatus, even in Lugol's solution. The macroscopic aspect of stromata (brownish, without conspicuous perithecial mounds reminding more *Hypoxyton* than *Nemania*) as well as spore characters, matches those of *Nemania diffusa*. In Bohemia, Czech Republic the species is apparently thermophilic and was recorded from floodplain forests as well as from dry oak forests (Zíbarová & Kout 2017).

Nemania serpens var. *serpens* (Pers.) Gray

Dunajské luhy PLA, near Biskupické rameno, between "Vlčie hrdlo" and Panský diel NM, willow-poplar floodplain forest, fallen branch of cf. *Acer* sp., leg. TT, IK & IT, det. LZ, HR 104687

Slovanský ostrov NR, willow-poplar floodplain forest, fallen branch of *Salix* sp., 6.XI.2017, leg. TT & LZ, det. LZ, HR 105247

Šúr NNR, willow-poplar floodplain forest, on fallen branch of *Salix* and dead polypore, 10.IV.2017, leg. TT, LZ & IK, det. LZ, HR 104635

Šúr NNR, willow-poplar floodplain forest, dead thin trunk of *Salix* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105367

Neolentinus schaefferi Redhead & Ginns – CL! as *Lentinus degener* [AU: LC:inc as *N. cyathiformis*; CZ: EN as *N. degener*; SK: LR:lc as *Lentinus degener*]

Dunajské ostrovy NR, hardwood floodplain forest, fallen branch of *Fraxinus* sp., 12.IV.2017, leg. et det. TT, LZ, IK & IT, HR 104586

Dunajské ostrovy NR, willow-poplar floodplain forest, fallen trunk of *Populus* sp., 12.IV.2017, not. TT & LZ

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen trunk of *Populus alba*, 5.XI.2017, not. TT & LZ

Distribution and ecology of *Neolentinus schaefferi* in the Czech and Slovak Republic was reviewed by Hrouda (2001) – its distribution is restricted to Bohemian and Pannonian thermophyticum (but it is much more rare in former), and it is mostly found on fallen trunks of *Populus*, rarely on other angiosperms, exceptionally also on gymnosperms.

Škubla (2003) listed numerous localities in Podunajská nížina Lowland, including Kopáčsky ostrov; Janitor (1997) mentioned it from poplar alley near Kuchajda, Jančovičová and Zaliberová (2011) found it in the locality "Spaľovňa" and Jančovičová (2000) presented a record from Podunajská nížina islands (Sihot' and Slovanský ostrov). It was collected in Topoľové hony NR by Červenka and Šúr by Lizoň (both BRA). The species is also included in Red book of Dolní Morava (Řepka et al. 2017).

Oligoporus alni (Niemelä & Vampola) Piątek – CL? as *Oligoporus subcaesius*

Slovanský ostrov NR, willow-poplar floodplain forest, fallen trunk of *Salix* sp., 6.XI.2017, not. TT & LZ

Šúr NNR, willow-poplar floodplain forest, fallen trunk of *Populus* sp., 3.XI.2017, leg. et det. TT & LZ, rev. P. Vampola, HR 105387

Oligoporus subcaesius (A. David) Ryvarden & Gilb. – [AU: LC:cc; CZ: EN]

Kopáčsky ostrov NR, willow-poplar floodplain forest, broken attached branch of *Salix* sp., 5.XI.2017, leg. et det. TT & LZ, rev. P. Vampola, HR 105385

Šúr NNR, willow-poplar floodplain forest, fallen branch of *Populus* sp., 3.XI.2017, leg. et det. TT & LZ, rev. P. Vampola, HR 105389

Oligoporus subcaesius was reported from Podunajská nížina Lowland by Škubla (2003) and Jančovičová (1999), but interpreting data on its ecology and distribution is difficult as all records of bluish *Oligoporus* species from angiosperm wood was often referred to this species in the

past (e. g. Breitenbach & Kränzlin 1986) or part of those were considered to be *O. caesius* (e. g. Kotlaba 1984). However, in 2001 *Oligoporus alni* was erected (Niemelä et al. 2001) to accommodate specimens with small and paler fruitbodies on angiosperm wood based on record from Podunajská nížina Lowland (Šúr NNR). Sadly, authors did not directly compare *O. alni* and *O. subcaesius* apart from stating that *O. subcaesius* is fairly large, fleshy species occurring in the Mediterranean. The later statement is even imprecise, as *O. subcaesius* is present in the Central Europe, albeit in warm localities. To add even more confusion in to matter, possibly truly mediterranean *O. mediterraneo-caesius* (M. Pieri & B. Rivoire) Melo & Ryvarden was described (Pieri & Rivoire 2005) with more pronounced blue tints and wider spores. Moreover, Ryvarden & Melo (2017) gave surface of pilei in *Oligoporus subcaesius* as mostly smooth, but our specimens were always distinctly hairy (similar to what is mentioned in Papp 2014). After submission of our manuscript a new study on the *O. caesius* group has been published (Miettinen et al. 2018) introducing ten new species in the Northern Hemisphere. According to this study *O. subcaesius* is well defined by its robust and soft fruitbodies with matt or pubescens upper surface; the bluish colours are prominent only in old fruitbodies. During our trips in Podunajská nížina Lowland, we encountered *O. subcaesius* more often than *O. alni*, but this could be attributed to more conspicuous nature of the former. However, *O. alni* could be indeed uncommon in Pannonian basin as its first record from Hungary was published just recently (Papp 2014).

Oligoporus tephroleucus (Fr.) Gilb. & Ryvarden – CL! [AU: LC:cc]

Slovanský ostrov NR, willow-poplar floodplain forest. standing dead trunk of *Ulmus* sp., 6.XI.2017, leg. et det. TT & LZ, HR 105259

Omphalina discorosea (Pilát) Herink & Kotl. – CL! [AU: EN as *Arrhenia discorosea*; CZ: §, CR; SK: §, VU]

Kopáčsky ostrov NR, willow-poplar floodplain forest, fragment of a trunk of *Salix* sp., 5.XI.2017, leg. et det. TT & LZ, HR 105298

A very rare, but conspicuous species growing on trunks of angiosperm trees (mostly *Populus* and *Ulmus*) in floodplain forests (Kotlaba 1995). There are only few localities known from Slovakia, namely Podunajská nížina floodplain forests in vicinity of Bratislava (Procházka 1994, Škubla 1995, 1997, 1998, 2003, nahuby.sk), near Chtelnica (nahuby.sk) and on locality Bajč near Nové Zámky (Kotlaba 1995). Červenka collected it

on the locality “Horná Sihot” near Rusovce (BRA). The species is also included in Red book of Dolní Morava (Řepka et al. 2017).

Oxyporus latemarginatus (Durieu & Mont.) Donk – CL! [AU: VU; SK: DD]

Šúr NNR, willow-poplar floodplain forest, snag of *Populus* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105368

Šúr NNR, willow-poplar floodplain forest, standing dead trunk of *Salix* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105364

Based on records listed in Škubla (2003), this polypore species seems to be rather common in Podunajská nížina Lowlands as he mentioned numerous localities there (e. g. Petržalka, Bratislava, Nové Zámky, Kopáčsky ostrov among others). In contrast, it is much less common species in the Czech Republic, especially in Bohemia, where Kotlaba & Pouzar (2015c) listed only six localities.

Peniophora cinerea (Pers.) Cooke – CL! [AU: LC:cc]

Šúr NNR, willow-poplar floodplain forest, fallen branch of broadleaf tree, 3.XI.2017, not. TT & LZ

Peniophora incarnata (Pers.) P. Karst. – CL! [AU: LC:cc]

Dunajské ostrovy NR, hardwood floodplain forest, fallen branch of *Fraxinus* sp., 12.IV.2017, not. TT & LZ

Šúr NNR, alder carr, fallen branch of *Alnus* sp., 10.IV.2017, not. TT & LZ

Peniophora limitata (Chaillet ex Fr.) Cooke – [AU: LC:cc]

Rusovce, hardwood floodplain forest, fallen branch of *Fraxinus* sp., 4.XI.2017, not. TT & LZ

Peniophora quercina (Pers.) Cooke – CL! [AU: LC:cc]

Šúr NNR, Panónsky háj, thermophilic oak forest, fallen branch of *Quercus* sp., 3.XI.2017, not. TT & LZ

Topoľové hony NR, hardwood floodplain forest, fallen branch of *Quercus cerris*, 11.IV.2017, not. TT & LZ

Peniophora rufomarginata (Pers.) Bourdot & Galzin – [AU: LC:cc]

Rusovce, hardwood floodplain forest, fallen branch of *Tilia* sp., 4.XI.2017, not. TT & LZ

Peniophorella praetermissa (P. Karst.) K. H. Larss. – [AU: LC:cc]

Slovanský ostrov NR, willow-poplar floodplain forest, fallen thick

branch of *Salix* sp., 6.XI.2017, leg. TT & LZ, det. LZ, HR 105248
 Šúr NNR, Panónsky háj, thermophilic oak forest, fallen thin trunk
 of *Ulmus* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105370

Peniophorella pubera (Fr.) P. Karst. – CL! as *Hyphoderma puberum* [AU: LC:cc]

Kopáčsky ostrov NR, forest steppe, fallen branch of *Quercus cerris*, 5.XI.2017, leg. TT & LZ, det. LZ, HR 105310

Slovanský ostrov NR, willow-poplar floodplain forest, fallen trunk of *Salix* sp., 6.XI.2017, leg. TT & LZ, det. LZ, HR 105251

Šúr NNR, alder carr, fallen thin trunk of *Alnus* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105318

Šúr NNR, hardwood floodplain forest, fallen thin trunk of *Alnus* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105321

Perenniporia meridionalis Decock & Stalpers – CL? as *P. tenuis* [AU: EN as *P. tenuis*]

Kopáčsky ostrov NR, forest steppe, fragment of a trunk of *Quercus* sp., 5.XI.2017, leg. TT & LZ, det. LZ, HR 105311

Topoľové hony NR, thermophilic oak forest, attached branch on fallen trunk of *Quercus* sp., 18.XI.2016, leg. TT & IK, det. LZ, HR 104661

The species, now referable to *Perenniporia meridionalis*, has been known in Europe for the long time, but it was misinterpreted as *P. tenuis* (Schwein.) Ryvarden (e.g. Kotlaba 1976, Ryvarden & Gilbertson 1994) or possibly confused with *P. medulla-panis* (Jacq.) Donk. Niemelä et al. (1992) were the first who noticed that a European specimens of *P. tenuis* differs from North American and could represent an undescribed species. Later Decock and Stalpers (2006) studied type material of *P. tenuis* and established a new taxon *P. meridionalis* Decock & Stalpers for European specimens previously identified as *P. tenuis* var. *tenuis*. However, they also concluded that *P. tenuis* is present in Europe, but only the bright yellow variety *P. tenuis* var. *pulchella* (Schwein.) Gilb. & Ryvarden. Nevertheless, Škubla (2003) gives no record of *P. tenuis* from Podunajská nížina Lowland.

Phanerochaete livescens (P. Karst.) Volobuev & Spirin

Šúr NNR, alder carr, fallen branch of *Alnus* sp., 10.IV.2017, leg. TT, LZ & IK, det. LZ, HR 104629

A recently resurrected species (Volobuev et al. 2015), from the complex

of *Phanerochaete sordida* (P. Karst.) J. Erikss. & Ryvarden. Based on our ongoing revision of herbarium material (Zíbarová unpublished data) it is the most common species from this complex on the angiosperm wood in the Czech Republic.

Phellinus conchatus (Pers.) Quél. – CL! [AU: LC:cc]

Panský diel NM, hardwood floodplain forest, dead thin trunk of cf. *Cornus mas*, 17.XI.2016, leg. TT, IK & IT, det. LZ, HR 104690

Kopáčsky ostrov NR, hardwood forest, fallen trunk of broadleaf tree, 17.XI.2016, leg. TT, IK & IT, det. TT, rev. P. Vampola, HR 105381

Phellinus contiguus (Pers.) Pat. – CL! [AU: LC:cc as *Fuscoporia contigua*]

Kopáčsky ostrov NR, hardwood forest, dead thin trunk of *Swida sanguinaria*, 5.XI.2017, not. TT & LZ

Slovanský ostrov NR, willow-poplar floodplain forest, fallen thin trunk of *Ulmus* sp., 6.XI.2017, not. TT & LZ

Phellinus ferruginosus (Schrad.) Pat. – CL! [AU: LC:cc]

Šúr NNR, hardwood forest, fallen branch of *Acer* sp., 10.IV.2017, not. TT & LZ

Šúr NNR, hardwood floodplain forest, fallen thin trunk of broadleaf tree, 3.XI.2017, not. TT & LZ

Šúr NNR, Panónsky háj, thermophilic oak forest, fallen thin trunk of cf. *Ulmus* sp., 3.XI.2017, not. TT & LZ

Šúr NNR, Panónsky háj, thermophilic oak forest, fragment of a trunk of *Pyrus* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105346

Topoľové hony NR, hardwood floodplain forest, fallen branch of broadleaf tree, 11.IV.2017, not. TT & LZ

Phellinus igniarius (L.) Quél. – CL! [AU: LC:cc]

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen trunk of *Salix* sp., 5.XI.2017, not. TT & LZ

Slovanský ostrov NR, willow-poplar floodplain forest, fallen trunk of *Salix* sp., 6.XI.2017, not. TT & LZ

Šúr NNR, willow-poplar floodplain forest, fragment of a trunk of *Salix* sp., 3.XI.2017, not. TT & LZ

Phellinus pilatii Černý [CZ: EN] – CL!

Dunajské ostrovy NR, willow-poplar floodplain forest, fallen thick

branch of *Populus alba*, 12.IV.2017, leg. TT, LZ, IK & IT, det. LZ, HR 104724

A perennial polypore species parasitic on *Populus alba* and *Populus × canescens*. The fruitbodies usually grow in the holes of trunks and are preceded by imperfect stage (Černý 1968). Škubla (2003) listed several localities in the Podunajská nížina Lowland (Gabčíkovo, Šamorín, Baka, Čičov, Rusovce, Petržalka, Rohovce).

Phellinus punctatus (P. Karst.) Pilát – CL! [AU: LC:cc as *Fomitoporia punctata*]

Šúr NNR, scrubby forest fringe, dead trunk of *Rosa*, 10.IV.2017, not. TT & LZ

Šúr NNR, willow-poplar floodplain forest, attached branch of *Salix* sp., 3.XI.2017, not. TT & LZ

Phellinus ribis (Schumach.) Qué. – CL! as *Phylloporia ribis* [AU: LC:ec as *Phylloporia ribis*]

Topoľové hony NR, hardwood floodplain forest, trunk of *Euonymus europaeus*, 11.IV.2017, leg. et det. TT, LZ, IK & VK, HR 104617

Phellinus torulosus (Pers.) Bourdot & Galzin – CL! [AU: LC:cc as *Fuscoporia torulosa*]

Šúr NNR, Panónsky háj, thermophilic oak forest, base of trunk of living *Quercus* sp., 10.IV.2017, leg. TT, LZ & IK, det. LZ, HR 104623

Šúr NNR, Panónsky háj, hardwood floodplain forest, trunk of *Pyrus* sp., 3.XI.2017, leg. et det. TT & LZ, rev. LZ, HR 105342

Rather common species in the Central European thermophilic oak forest, but its occurrence on *Pyrus* is rather unusual. However, Tomšovský & Jankovský (2007) performed molecular analysis of specimens from this substrate and came to the conclusion that they are identical to specimens from *Quercus*.

Phellinus tremulae (Bondartsev) Bondartsev & P. N. Borisov – CL! [AU: NT]

Dunajské ostrovy NR, willow-poplar floodplain forest, fallen trunk of *Populus* sp., 12.IV.2017, leg. TT, LZ, IK & IT, det. LZ, HR 104579

Dunajské ostrovy NR, willow-poplar floodplain forest, fallen trunk of *Populus alba*, 12.IV.2017, leg. TT, LZ, IK & IT, det. LZ, HR 104583

Phellinus tuberculatus Niemelä – CL! as *Phellinus pomaceus* [AU: LC:cc as *Phellinus pomaceus*]

Slovanský ostrov NR, willow-poplar floodplain forest, trunk of *Prunus padus*, 6.XI.2017, not. TT & LZ

Phlebia livida (Pers.) Bres. – CL! [AU: LC:cc]

Kopáčsky ostrov NR, forest steppe, fallen branch of *Quercus* sp., 17.XI.2016, leg. TT, IK & IT, det. LZ, HR 104678

Phlebia ochraceofulva (Bourdot & Galzin) Donk

Kopáčsky ostrov NR, forest steppe, fallen branch of *Quercus cerris*, 5.XI.2017, leg. TT & LZ, det. LZ, HR 105307

Apparently very rare species in the Central Europe. According Hagara (2014) it is known in the Czech Republic from the southernmost Moravia (Pohansko). Some authors synonymise *P. ochraceofulva* with *P. subochracea* (Alb. & Schwein.) J. Erikss. & Ryvarden (Nakasone et al. 1982), while others maintain it as distinct based on ecology (not marked preference for humid habitats), macro- and micromorphological characters (Bernicchia & Gorjón 2010, Duhem 2008).

Phlebia radiata Fr. – CL! [AU: LC:cc]

Šúr NNR, willow-poplar floodplain forest, fallen trunk of *Populus* sp., 3.XI.2017, not. TT & LZ

Phlebia subochracea (Alb. & Schwein.) J. Erikss. & Ryvarden – CL! [AU: EN]

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch of *Salix* sp., 5.XI.2017, leg. et det. TT & LZ, HR 105283

Slovanský ostrov NR, willow-poplar floodplain forest, fallen trunk of *Salix* sp., 6.XI.2017, not. TT & LZ

Šúr NNR, alder carr, fallen branch of *Alnus* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105331

Šúr NNR, willow-poplar floodplain forest, fallen branch of *Salix* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105329

This strikingly brightly yellow corticioid species was surprisingly frequent during our field trips in the autumn 2017. It seems to prefer humid conditions there forming extensive patches on moist wood lying on the ground in willow-poplar forests as well as alder carrs. Duhem (2008) and our experience from the Czech Republic (records from alluvial forests, margin of ponds etc.) also shows that humidity seems to be the key factor, but it can also grow in localities with colder climate. Škubla (2003)

mentioned a single locality from the Podunajská nížina Lowland (Klížska Nemá) and it was collected in Šúr by Hagara (BRA).

Phlebia tremellosa (Schrad.) Nakasone & Burds. – CL! [AU: LC:cc]
Kopáčsky ostrov NR, willow-poplar floodplain forest, fragment of a trunk of *Salix* sp., 5.XI.2017, not. TT & LZ
Slovanský ostrov NR, willow-poplar floodplain forest, fallen trunk of *Salix* sp., 6.XI.2017, not. TT & LZ
Šúr NNR, willow-poplar floodplain forest, fallen trunk of *Populus* sp., 3.XI.2017, not. TT & LZ

Phlebia uda (Fr.) Nakasone – CL! as *Mycoacia uda* [AU: LC:ec]
Kopáčsky ostrov NR, willow-poplar floodplain forest, fragment of a trunk of *Salix* sp., 5.XI.2017, leg. TT & LZ, det. LZ, HR 105281
Šúr NNR, alder carr, fallen branch of *Alnus*, 3.XI.2017, leg. TT & LZ, det. LZ, HR 105355

Phlebiella cf. *subflavidogrisea* (Litsch.) Oberw. – [AU: NT]
Topoľové hony NR, hardwood floodplain forest, fallen thin trunk of *Cornus mas*, 11.IV.2017, leg. TT, LZ, IK & VK, det. LZ, HR 104612

Phlebiella tulasnelloidea (Höhn. & Litsch.) Oberw. – [AU: LC:cc]
Topoľové hony NR, hardwood floodplain forest, fallen branch of *Corylus avellana*, 11.IV.2017, leg. TT, LZ & IK, det. LZ, HR 104602, HR 104603

Phlebiella vaga (Fr.) P. Karst. – CL! as *Phlebiella sulphurea* [AU: LC:cc]
Topoľové hony NR, hardwood floodplain forest, fallen bark of *Quercus* sp., 18.XI.2016, leg. TT & IK, det. TT, rev. LZ, HR 104650 as *Xenasmatella vaga*

Pholiota cerifera (P. Karst.) P. Karst. – CL! as *Pholiota aurivela* [AU: NT; SK: DD]
Kopáčsky ostrov NR, willow-poplar floodplain forest, trunk of *Salix* sp., 5.XI.2017, not. TT & LZ

Pholiota populnea (Pers.) Kuyper & Tjall.-Beuk. – CL! [AU: LC:cc as *Hemipholiota populnea*]
Kopáčsky ostrov NR, willow-poplar floodplain forest, fragment of a trunk of *Salix* sp., 5.XI.2017, not. TT & LZ

Pleurotus dryinus (Pers.) P. Kumm. – CL! [AU: LC:cc]
Slovanský ostrov NR, willow-poplar floodplain forest, fallen trunk of *Salix* sp., 6.XI.2017, not. TT & LZ

Pleurotus ostreatus (Jacq.) P. Kumm. – CL! [AU: LC:cc]
Kopáčsky ostrov NR, willow-poplar floodplain forest, attached branch of *Salix* sp., 5.XI.2017, not. TT & LZ
Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch of *Populus* sp., 5.XI.2017, not. TT & LZ

Pluteus cervinus (Schaeff.) P. Kumm. – CL! [AU: LC:cc]
Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen trunk of *Populus alba*, 5.XI.2017, not. TT & LZ
Slovanský ostrov NR, willow-poplar floodplain forest, fallen trunk of cf. *Salix* sp., 6.XI.2017, not. TT & LZ
Šúr NNR, alder carr, fallen trunk of cf. *Alnus* sp., 3.XI.2017, not. TT & LZ

Pluteus podospileus Sacc. & Cub. – CL! [AU: NT; CZ: EN]
Kopáčsky ostrov NR, willow-poplar floodplain forest, fragment of a trunk of *Salix* sp., 5.XI.2017, leg. et det. TT & LZ, HR 105282

Pluteus salicinus (Pers.) P. Kumm. – CL! [AU: LC:cc]
Rusovce, willow-poplar floodplain forest, fallen trunk of cf. *Tilia* sp., 4.XI.2017, not. TT & LZ
Slovanský ostrov NR, willow-poplar floodplain forest, fallen trunk of broadleaf tree, 6.XI.2017, not. TT & LZ
Šúr NNR, alder carr, fallen thin trunk of *Alnus* sp., 3.XI.2017, not. TT & LZ
Šúr NNR, Panónsky háj, thermophilic oak forest, fallen trunk of broadleaf tree, 3.XI.2017, not. TT & LZ

Polydesmia pruinosa (Berk. & Broome) Boud. – CL!
Rusovce, hardwood floodplain forest, old stromata of pyrenomycetes (on fallen branch of *Platanus* sp.), 4.XI.2017, not. TT & LZ

Polyporus alveolaris (Bosc) Fr. – CL! [AU: LC:inc as *Neofavolus alveolaris*; CZ: EN]
Rusovce, hardwood floodplain forest, fallen branch of *Cornus mas*, 4.XI.2017, leg. et det. TT & LZ, HR 105276

Topoľové hony NR, hardwood floodplain forest, attached branch of *Cornus mas*, 11.IV.2017, leg. et det. TT, LZ, IK & VK, HR 104615

A species with south-eastern distribution pattern in the Central Europe – in the Czech Republic it is nearly absent in Bohemia and infrequent in Moravia (Kotlaba 1984, Kotlaba et al. 2006), but seems to be rather common species in Podunajská nížina Lowland. Škubla (2003) mentioned three localities there: Čičov, Štúrovo and near Rusovce. In Topoľové hony NR it was collected already in 2011 (BRA, leg. Červenka).

Polyporus arcularius (Batsch) Fr. – CL! [AU: LC:cc]

Šúr NNR, alder carr, fallen branch of broadleaf tree, 10.IV.2017, leg. et det. TT, LZ & IK, HR 104644

Polyporus badius (Pers.) Schwein. – CL! [AU: LC:cc as *Royoporus badius*]

Slovanský ostrov NR, willow-poplar floodplain forest, fallen trunk of *Populus* sp., 6.XI.2017, not. TT & LZ

Šúr NNR, willow-poplar floodplain forest, fragment of a trunk of *Populus* sp., 10.IV.2017, not. TT & LZ

Šúr NNR, willow-poplar floodplain forest, fallen trunk of *Populus* sp., 3.XI.2017, not. TT & LZ, not. TT & LZ

Šúr NNR, Panónsky háj, thermophilic oak forest, base of trunk of broadleaf tree, 3.XI.2017, not. TT & LZ

Polyporus squamosus (Huds.) Fr. – CL! [AU: LC:cc]

Dunajské ostrovy NR, willow-poplar floodplain forest, fallen trunk of *Populus* sp., 12.IV.2017, not. TT & LZ

Kopáčsky ostrov NR, willow-poplar floodplain forest, trunk of *Populus* sp., 5.XI.2017, not. TT & LZ

Propolis alba (Pers.) Fr. – CL! as *Propolis versicolor*

Dunajské ostrovy NR, willow-poplar floodplain forest, fallen thin trunk of *Populus* sp., 12.IV.2017, not. TT & LZ

Šúr NNR, willow-poplar floodplain forest, fragment of a trunk of *Populus* sp., 3.XI.2017, not. TT & LZ

Radulomyces confluens (Fr.) M. P. Christ. – CL! [AU: LC:cc]

Panský diel NM, willow-poplar floodplain forest, dead thin trunk of *Cornus mas*, 17.XI.2016, leg. TT, IK & IT, det. LZ, HR 104689

Rusovce, hardwood floodplain forest, fallen branch of *Platanus* sp., 4.XI.2017, not. TT & LZ

Šúr NNR, alder carr, snag of *Alnus* sp., 10.IV.2017, not. TT & LZ

Topoľové hony NR, hardwood floodplain forest, fallen branch of *Quercus cerris*, 18.XI.2016, leg. TT & IK, det. TT, rev. LZ, HR 104659

Radulomyces molaris (Chaillet ex Fr.) M. P. Christ. – CL! [AU: LC:cc]

Šúr NNR, alder carr, fallen branch of *Alnus* sp., 10.IV.2017, not. TT & LZ

Šúr NNR, hardwood floodplain forest, fallen branch of *Prunus* sp., 3.XI.2017, not. TT & LZ

Resupinatus applicatus (Batsch) Gray – CL! [AU: LC:cc]

Kopáčsky ostrov NR, willow-poplar floodplain forest, fragment of a trunk of *Salix* sp., 5.XI.2017, not. TT & LZ

Slovanský ostrov NR, willow-poplar floodplain forest, fragment of a trunk of *Ulmus* sp., 6.XI.2017, leg. TT & LZ, det. LZ, HR 105253

Resupinatus striatulus (Pers.) Murrill – [AU: NT as *R. kavinii*?]

Kopáčsky ostrov NR, forest steppe, fragment of a trunk of *Quercus* sp., 5.XI.2017, leg. TT & LZ, det. LZ, HR 105474

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch of *Salix* sp., 5.XI.2017, not. TT & LZ

The taxonomic situation within genus *Resupinatus* is quite confusing as number of recognized species and their distinguishing characters vary between authors (Elborne 2012, Ludwig 2001, Noordeloos 1995). Based on Gonou-Zagou et al. (2011) we chose the name *Resupinatus striatulus* for our record of small fungus with deeply cup-shaped and translucently striate pilei. We believe that some records of *Resupinatus kavinii* (Pilát) M. M. Moser in the Central Europe (e. g. Gumińska 2000) may actually refer to this taxon.

Rhodotus palmatus (Bull.) Maire – CL! [AU: EN; CZ: §, CR; HU: §; SK: §, EN]

Slovanský ostrov NR, willow-poplar floodplain forest, fallen trunk of *Ulmus* sp., 6.XI.2017, leg. et det. TT & LZ, HR 105261

The first published record from the area (possibly from the whole of Slovakia) is by Záhorovská (1984) from Slovanský ostrov, the same locality we encountered the species. In the Podunajská nížina Lowland

it is also known from nearby Sihot' island (Kabát 1995, Škubla 1995, Ripková & Hagara 2003), from Šúr NNR (Ripková & Hagara 2003, Škubla 2003), and from Topoľové hony NR (leg. Everlingová, BRA). Generally rare species, which follows its preferred host – *Ulmus* spp. In the Central Europe it is found in two different habitats – in lowland floodplain forests and mountain ravine forests (Kotlaba 1995). The scarcity of this species is also confirmed by an inclusion in the Red lists and/or among species protected by law in Slovakia as well as three surrounding countries. The species is also included in Red book of Dolní Morava (Řepka et al. 2017).

Rigidoporus pouzarii Vampola & Vlasák

Šúr NNR, alder carr, fallen trunk of *Alnus* sp., 10.IV.2017, leg. TT, LZ & IK, det. P. Vampola, HR 104722

Šúr NNR, alder carr, fallen thin trunk of *Alnus* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105323

Šúr NNR, willow-poplar floodplain forest, fragment of a branch of cf. *Populus* sp., 3.XI.2017, leg. TT & LZ, det. P. Vampola, HR 105388

The species was described from the Šúr NNR (Vampola & Vlasák 2012) and the species is rather frequent there. Interestingly, this is the only known locality in Slovakia and likewise we were unable to find *Rigidoporus pouzarii* anywhere else during our field trips in the Podunajská nížina Lowland. Apart from Šúr the species is known from the southern part of the Czech Republic and also from Ukraine (Vampola & Vlasák 2012). The species is also included in Red book of Dolní Morava (Řepka et al. 2017).

Schizophyllum amplum (Lév.) Nakasone – CL! as *Auriculariopsis ampla* [AU: LC:cc]

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen thin branch of *Populus* sp., 5.XI.2017, not. TT & LZ

Slovanský ostrov NR, willow-poplar floodplain forest, fallen branch of *Salix* sp., 6.XI.2017, not. TT & LZ

Šúr NNR, willow-poplar floodplain forest, fallen branch of *Salix* sp., 3.XI.2017, not. TT & LZ

Schizophyllum commune Fr. – CL! [AU: LC:cc]

Kopáčsky ostrov NR, forest steppe, fragment of a trunk of *Quercus* sp., 5.XI.2017, not. TT & LZ

Rusovce, willow-poplar floodplain forest, fallen branch of *Ulmus*

sp., 4.XI.2017, not. TT & LZ

Rusovce, willow-poplar floodplain forest, fallen trunk of *Aesculus hippocastanum*, 4.XI.2017, not. TT & LZ

Slovanský ostrov NR, willow-poplar floodplain forest, fallen trunk of *Ulmus* sp., 6.XI.2017, not. TT & LZ

Šúr NNR, alder carr, fallen branch of *Alnus* sp., 3.XI.2017, not. TT & LZ

Schizopora flavipora (Berk. & M. A. Curtis ex Cooke) Ryvarden – CL! [AU: LC:cc]

Dunajské ostrovy NR, willow-poplar floodplain forest, fallen branch of broadleaf tree, 12.IV.2017, not. TT & LZ

Schizopora radula (Pers.) Hallenb. – CL! [AU: LC:cc]

Šúr NNR, alder carr, fallen branch of *Alnus* sp., 10.IV.2017, not. TT & LZ

Scopuloides leprosa (Bourdot & Galzin) Boidin, Lanq. & Gilles

Rusovce, hardwood floodplain forest, fragment of a trunk of *Tilia* sp., 4.XI.2017, leg. TT & LZ, det. LZ, HR 105271

Topoľové hony NR, hardwood floodplain forest, fallen branch of *Quercus* sp., 11.IV.2017, leg. TT, LZ, IK & VK, det. LZ, HR 104595

This species is rarely mentioned in the literature. The main difference from common and widespread *Scopuloides rimosa* (Cooke) Jülich is in presence of thin-walled, sparsely incrustated cylindrical cystidia in addition to lamprocystidia abundant in both species. The difference is also in size of spores – in *S. leprosa* are larger (Salcedo et al. 2009). Based on our observations, rhizomorphic margin is often present in *S. leprosa*, but never in *S. rimosa*. In addition, we noted that in *S. leprosa* the lamprocystidia are frequently branched. In the Central Europe we know the species mostly from warm and humid localities such as alluvial or floodplain forests.

Scytinostroma hemidichophyticum Pouzar – [AU: LC:cc]

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen thick branch of *Populus* sp., 17.XI.2016, leg. TT, IK & IT, det. TT, rev. LZ, HR 104677 as *Scytinostroma portentosum*

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen thick branch of *Populus* sp., leg. TT, IK & IT, det. LZ, HR 104680 as *Scytinostroma portentosum*

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch of *Populus* sp., 5.XI.2017, not. TT & LZ
 Slovanský ostrov NR, willow-poplar floodplain forest, fallen trunk of *Populus* sp., 6.XI.2017, not. TT & LZ
 Šúr NNR, Panónsky háj, thermophilic oak forest, fallen branch of broadleaf tree, 10.IV.2017, not. TT & LZ
 Šúr NNR, willow-poplar floodplain forest, fallen branch of *Salix* sp., 3.XI.2017, not. TT & LZ

Serpula himantioides (Fr.) P. Karst. – CL! [AU: LC:ec]

Šúr NNR, willow-poplar floodplain forest, fragment of a trunk of *Populus* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105332

Sistotrema raduloides (P. Karst.) Donk – CL!

Topoľové hony NR, hardwood floodplain forest, fragment of a trunk of *Populus* sp., 11.IV.2017, leg. TT, LZ, IK & VK, det. LZ, HR 104601

A rare corticioid species with odontoid to hydroid hymenophore. Eriksson et al. (1984) suggest that it prefers a continental climate in the Europe; it is included among indicator species of old growth forests in Estonia (Parmasto 2001). Out of neighboring countries it is known only from Poland (Karasiński et al. 2009). No collections are mentioned from Podunajská nížina Lowland by Škubla (2003), but Hagara (2014) presents a photograph of *S. raduloides* from vicinity of Bratislava.

Sistotremella perpusilla Hjortstam – [AU: VU]

Šúr NNR, alder carr, fallen thin trunk of *Alnus* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105352

Inconspicuous and easily overlooked corticioid fungus growing on wood of gymnosperms and deciduous trees (Bernicchia & Gorjón 2010, Eriksson et al. 1984). Generally, rarely recorded in Europe. We recorded the species from the same locality as it was collected by Z. Pouzar for first time in Slovakia in 1979 (specimen deposited in PRM, L. Hagara pers. comm.). Its habitat preferences are unclear; it seems to prefer more humid habitats as we know the species e. g. from a raised peat bog or pond margin from the Czech Republic. In contrast, it is known mostly from ravine forests in Austria (Dämon & Krisai-Greilhuber 2016).

Skeletocutis nivea (Jungh.) Jean Keller – CL! [AU: LC:cc]

Šúr NNR, alder carr, fallen branch of *Alnus* sp., 10.IV.2017, not.

TT & LZ

Šúr NNR, Panónsky háj, thermophilic oak forest, fallen branch of broadleaf tree, 10.IV.2017, not. TT & LZ
 Topoľové hony NR, hardwood floodplain forest, fallen branch of *Corylus avellana*, 11.IV.2017, not. TT & LZ

Steccherinum bourdotii Saliba & A. David – [AU: LC:ec]

Dunajské luhy PLA, near Biskupické rameno, between “Vlčie hrdlo” and Panský diel NM, willow-poplar floodplain forest, fallen branch of cf. *Acer* sp., 17.XI.2016, leg. TT, IK & IT, det. TT, rev. LZ, HR 101283
 Rusovce, hardwood floodplain forest, fallen trunk of *Acer* sp., 4.XI.2017, not. TT & LZ

The species has been either overlooked in the Czech Republic for a long time or it has expanded rapidly. Nevertheless, it is rather common there now (Kotlaba & Pouzar 2015a, 2017). During our field trips, it was also frequent species in Podunajská nížina Lowland.

Steccherinum fimbriatum (Pers.) J. Erikss. – CL! [AU: LC:cc]

Šúr NNR, willow-poplar floodplain forest, fallen branch of *Populus* sp., 3.XI.2017, not. TT & LZ
 Topoľové hony NR, thermophilic oak forest, fallen branch of *Quercus* sp., 18.XI.2016, leg. TT & IK, det. TT, rev. LZ, HR 104651
 Topoľové hony NR, hardwood floodplain forest, fallen branch of broadleaf tree, 11.IV.2017, not. TT & LZ

Steccherinum ochraceum (Pers.) Gray – CL! [AU: LC:cc]

Dunajské ostrovy NR, willow-poplar floodplain forest, fallen branch of broadleaf tree, 12.IV.2017, not. TT & LZ
 Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch of *Cornus sanguinaria*, 5.XI.2017, not. TT & LZ
 Topoľové hony NR, hardwood floodplain forest, fallen branch of *Tilia* sp., 18.XI.2016, leg. TT & IK, det. LZ, HR 104647
 Topoľové hony NR, hardwood floodplain forest, fallen branch of *Corylus avellana*, 11.IV.2017, not. TT & LZ
 Šúr NNR, alder carr, fallen branch of *Alnus* sp., 10.IV.2017, not. TT & LZ
 Topoľové hony NR, hardwood floodplain forest, fallen branch of *Tilia* sp., 18.XI.2016, leg. TT & IK, det. LZ, HR 104647

Stereum hirsutum (Willd.) Pers. – CL! [AU: LC:cc]

Šúr NNR, hardwood floodplain forest, fallen branch of *Quercus* sp., 3.XI.2017, not. TT & LZ

Stereum rugosum Pers. – CL! [AU: LC:cc]

Šúr NNR, alder carr, fallen thin trunk of *Alnus* sp., 3.XI.2017, not. TT & LZ

Stereum subtomentosum Pouzar – CL! [SK: DD; AU: LC:cc]

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch of *Salix* sp., 5.XI.2017, not. TT & LZ
Rusovce, hardwood floodplain forest, fallen trunk of *Acer campestre*, 4.XI.2017, not. TT & LZ

Stypella subgelatinosa (P. Karst.) P. Roberts – [AU: NT]

Rusovce, willow-poplar floodplain forest, fallen trunk of *Salix*, 4.XI.2017, leg. TT & LZ, det. LZ, HR 105268

A heterobasidiomycete species with an odontoid hymenophore. It is reported from many European countries (Reid 1990, Roberts 1998), but no published record from Slovakia is known to us. It seems to prefer (often moist and well-decayed) angiosperm wood, but it has been also reported from gymnosperms (Malysheva 2010, Reid 1990, Strid 1986). Its habitat preferences are largely unknown, but it is not apparently restricted to floodplain forests in the Central Europe – in the Czech Republic we also recorded it in beech-dominated natural forest Polom NR (HR 103474 as *Protodontia subgelatinosa*).

Subulicystidium longisporum (Pat.) Parmasto – [AU: LC:cc]

Šúr NNR, willow-poplar floodplain forest, fragment of a trunk of *Populus* sp., 10.IV.2017, leg. TT, LZ & IK, det. LZ, HR 104632
Topoľové hony NR, thermophilic oak forest, fallen thin trunk of *Quercus* sp., 11.IV.2017, leg. TT, LZ, IK & VK, det. LZ, HR 104607
Topoľové hony NR, hardwood floodplain forest, fallen trunk of *Populus* sp., 11.IV.2017, leg. TT, LZ, IK & VK, det. LZ, HR 104605

Subulicystidium perlongisporum Boidin & Gilles

Rusovce, hardwood floodplain forest, fallen branch of *Fraxinus* sp., 4.XI.2017, leg. TT & LZ, det. LZ, the specimen is deposited under *Xenasma parvisporum* (HR 105267) as there were both species present in the same collection

A rare and inconspicuous corticioid species distinguished from *Subulicystidium longisporum* by more elongate spores (Boidin & Gilles 1988). However, it is often hard to draw a line between both taxa as in our experience, there is a substantial proportion of intermediate specimens. In this light it is interesting that preliminary molecular analysis shows that *S. perlongisporum* and *S. longisporum* are indeed distinct (Volobuev 2016). It was reported from Slovakia by Hagara (2014).

Tapesia fusca Fuckel – CL! as *Mollisia fusca*

Kopáčsky ostrov NR, hardwood floodplain forest, strongly decayed fallen trunk of *Populus* sp., 17.XI.2016, leg. TT, IK & IT, det. M. Bartůšek, HR

Tomentella italica (Sacc.) M.J. Larsen

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen trunk of *Populus* sp., 5.XI.2017, leg. TT & LZ, det. LZ, HR 105377
Rusovce, hardwood floodplain forest, fallen branch of broadleaf tree, 4.XI.2017, leg. TT & LZ, det. LZ, HR 105375
Slovanský ostrov NR, willow-poplar floodplain forest, fragment of a trunk of *Populus* sp., 6.XI.2017, leg. TT & LZ, det. LZ, HR 105380

This rare tomentelloid species was published from Slovakia and Podunajská nížina Lowland (Rusovce) for the first time by Čížek (1998). Škubla (2003) mentioned another Hagara's record from Podunajská nížina Lowland (Klížska Nemá). Podunajská nížina Lowland is the only part of Slovakia from which records of *Tomentella italica* were published.

Tomentella pilosa (Burt) Bourdot & Galzin – CL! [AU: LC:ec]

Rusovce, hardwood floodplain forest, fragment of trunk and bark of *Acer campestre*, 4.XI.2017, leg. TT & LZ, det. LZ, HR 105242

Tomentella punicea (Alb. & Schwein.) J. Schröt. – CL! [AU: LC:ec]

Rusovce, hardwood floodplain forest, fallen bark of *Tilia* sp., 4.XI.2017, leg. TT & LZ, det. LZ, HR 105376

Tomentella radiosa (P. Karst.) Rick

Rusovce, hardwood floodplain forest, fallen bark of *Acer campestre*, 4.XI.2017, leg. TT & LZ, det. LZ, HR 105372
Šúr NNR, alder carr, fallen branch of *Alnus* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105317

Tomentella stuposa (Link) Stalpers – CL! [AU: LC:cc]

Rusovce, hardwood floodplain forest, fallen bark of *Acer campestre*, 4.XI.2017, leg. TT & LZ, det. LZ, HR 105374

Tomentella cf. *tenuissima* Kuhar & Rajchenb.

Topoľové hony NR, hardwood floodplain forest, fallen bark of *Quercus* sp., 18.XI.2016, leg. TT & IK, det. LZ, HR 104656

At first, we were unable to identify this *Tomentella* specimen using literature on European species. Its incrustated and clamped hyphae and lack of differentiated rhizomorphs suggested *T. neobourdotii* M. J. Larsen or *T. lapida* (Pers.) Stalpers. However, the size of spores was markedly larger than in the former and spores were more ellipsoid and irregular and their spines were shorter than in the latter. Eventually we came across of recent description of *Tomentella tenuissima* (Kuhar et al. 2016) from Patagonia, which matched our specimen in macro- and micromorphological features well. This would be first record of this species from the Northern Hemisphere and therefore would need a molecular confirmation, which would be focus of our further work.

Tomentella testaceogilva Bourdot & Galzin – [AU: DD; CZ: EN]

Rusovce, hardwood floodplain forest, fallen bark of *Tilia* sp., 4.XI.2017, leg. TT & LZ, det. LZ, HR 105241

According to Čížek (2004a), this rare species is known from Slovakia from two localities – Poľana in Slovenské Rudohorie Mts. and Rusovce in Podunajská nížina Lowland. We recollected the species in the latter locality, which is very rich in tomentelloid species.

Tomentella umbrinospora M. J. Larsen

Rusovce, hardwood floodplain forest, fallen branch of *Fraxinus* sp., 4.XI.2017, leg. TT & LZ, det. LZ, HR 105239

Rusovce, hardwood floodplain forest, fragment of trunk of *Tilia* sp., 4.XI.2017, leg. TT & LZ, det. LZ, HR 105243

Topoľové hony NR, hardwood floodplain forest, fallen bark of *Quercus* sp., 18.XI.2016, leg. TT & IK, det. LZ, HR 104658

Tomentellopsis bresadolana (Sacc. & Trotter) Jülich & Stalpers

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen thick branch of broadleaf tree, 17.XI.2016, leg. TT, IK & IT, det. LZ, HR 104683

Rusovce, hardwood floodplain forest, fallen bark of *Acer*

campestre, 4.XI.2017, leg. TT & LZ, det. LZ, HR 105373

Slovanský ostrov NR, willow-poplar floodplain forest, fallen bark of *Salix* sp., 6.XI.2017, leg. TT & LZ, det. LZ, HR 105379

Šúr NNR, scrubby forest fringe, fallen bark of *Populus* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105365

Šúr NNR, Panónsky háj, thermophilic oak forest, fragment of a trunk of *Ulmus* sp., 3.XI.2017, not. TT & LZ

Tomentellopsis pusilla Hjortstam – [CZ: CR]

Kopáčsky ostrov NR, forest steppe, fragment of a trunk of *Quercus* sp., 5.XI.2017, leg. TT & LZ, det. LZ, HR 105378

Rusovce, willow-poplar floodplain forest, fallen bark of *Salix* sp., 4.XI.2017, leg. TT & LZ, det. LZ, HR 105240

Šúr NNR, Panónsky háj, thermophilic oak forest, fallen thin trunk of *Ulmus* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105343

A rare tomentelloid species that was published from Podunajská nížina Lowland (Rusovce, photo in Hagara 2014) for the first time by Čížek (2004b) for the first time. Our records from another two localities suggest that it is more widespread there. Apart from Czech Republic (Čížek 2004b), we are not aware of any published record from other neighbouring countries.

Trametes gallica Fr. – CL! as *Corioloopsis gallica* [AU: LC:cc as *Corioloopsis gallica*]

Šúr NNR, thermophilic oak forest, snag of *Alnus* sp., 10.IV.2017, not. TT & LZ

Šúr NNR, alder carr, fallen branch of *Alnus* sp., 3.XI.2017, not. TT & LZ

Topoľové hony NR, hardwood floodplain forest, stump of broadleaf tree, 11.IV.2017, not. TT & LZ

Trametes gibbosa (Pers.) Fr. – CL! [AU: LC:cc]

Dunajské ostrovy NR, willow-poplar floodplain forest, fallen trunk of *Populus* sp., 12.IV.2017, not. TT & LZ

Šúr NNR, alder carr, fallen trunk of *Alnus* sp., 10.IV.2017, not. TT & LZ

Trametes hirsuta (Wulfen) Lloyd – CL! [AU: LC:cc]

Dunajské ostrovy NR, willow-poplar floodplain forest, fallen thin trunk of *Populus* sp., 12.IV.2017, not. TT & LZ

Trametes ochracea (Pers.) Gilb. & Ryvarden – CL! as *Trametes multicolor* [AU: LC:cc]

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen trunk of *Salix* sp., 5.XI.2017, not. TT & LZ

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch of *Populus alba*, 5.XI.2017, not. TT & LZ

Slovanský ostrov NR, willow-poplar floodplain forest, fallen trunk of *Salix* sp., 6.XI.2017, not. TT & LZ

Trametes trogii Berk. – CL! [AU: LC:cc as *Coriolopsis trogii*]

Dunajské ostrovy NR, willow-poplar floodplain forest, fallen branch of *Populus* sp., 12.IV.2017, not. TT & LZ

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch of *Salix* sp., 5.XI.2017, not. TT & LZ

Šúr NNR, willow-poplar floodplain forest, snag of *Salix* sp., 10.IV.2017, not. TT & LZ

Šúr NNR, willow-poplar floodplain forest, fallen branch of *Populus* sp., 3.XI.2017, not. TT & LZ

Trametes versicolor (L.) Lloyd – CL! [AU: LC:cc]

Slovanský ostrov NR, willow-poplar floodplain forest, fallen trunk of *Salix* sp., 6.XI.2017, not. TT & LZ

Šúr NNR, alder carr, fallen trunk of *Alnus* sp., 10.IV.2017, not. TT & LZ

Topoľové hony NR, hardwood floodplain forest, fallen trunk of *Quercus* sp., 11.IV.2017, not. TT & LZ

Trechispora byssinella (Bourdot) Liberta

Šúr NNR, hardwood floodplain forest, old fruitbody of *Fomes fomentarius*, 10.IV.2017, leg. TT, LZ, & IK, det. LZ, HR 104639

Šúr NNR, Panónsky háj, thermophilic oak forest, fallen bark of *Quercus* sp., 10.IV.2017, leg. TT, LZ & IK, det. LZ, HR 104622

A species of difficult *Trechispora cohaerens* (Schwein.) Jülich & Stalpers complex distinguished from *T. cohaerens* by more ellipsoid spores (Bernicchia & Gorjón 2010). However, we believe that taxonomy in this group is in need of taxonomic revision using molecular tools before clear boundaries between species could be drawn. From our experience, this taxon seems to prefer old fruitbodies of polypores.

Trechispora confinis (Bourdot & Galzin) Liberta – [AU: NE]

Kopáčsky ostrov NR, forest steppe, fragment of a trunk of *Quercus* sp., 5.XI.2017, leg. TT & LZ, det. LZ, HR 105306

Trechispora farinacea (Pers.) Liberta – CL! [AU: LC:cc]

Kopáčsky ostrov NR, willow-poplar floodplain forest, fragment of a trunk of *Salix* sp., 5.XI.2017, leg. TT & LZ, det. LZ, HR 105294

Trechispora nivea (Pers.) K. H. Larss.

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch of *Salix* sp., 5.XI.2017, leg. TT & LZ, det. LZ, HR 105287

Trechispora stevensonii (Berk. & Broome) K. H. Larss.

Šúr NNR, alder carr, fallen branch of broadleaf tree, 10.IV.2017, leg. TT, LZ & IK, det. LZ, HR 104636

Šúr NNR, willow-poplar floodplain forest, fragment of a branch of cf. *Populus* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105361

Trichaptum bifforme (Fr.) Ryvarden – CL! [AU: LC:inc; CZ: EN]

Šúr NNR, alder carr, fallen trunk of *Alnus* sp., 10.IV.2017, leg. et det. TT, LZ & IK, HR 104641

Šúr NNR, alder carr, fallen trunk of *Alnus* sp., 3.XI.2017, leg. et det. TT & LZ, HR 105341

Šúr NNR, alder carr, standing dead trunk of *Alnus* sp., 3.XI.2017, not. TT & LZ

Tubulicrinis strangulatus K. H. Larss. & Hjortstam – [AU: VU]

Dunajské ostrovy NR, willow-poplar floodplain forest, fragment of a trunk of *Populus* sp., 12.IV.2017, leg. TT, LZ, IK & IT, det. LZ, HR 104581

An interesting record of otherwise boreomontane species growing mostly on the gymnosperm wood (Hjortstam 2001, Hjortstam et al. 1988). In our experience, *Tubulicrinis strangulatus* is not uncommon in the montane spruce forests in the Czech Republic – Šumava, Krkonoše, Jeseníky and Krušné hory Mts. In accordance, the single collection from Slovakia mentioned by Škubla (2003) is from Tatranská Lomnica (Vysoké Tatry Mts.).

Tubulicrinis subulatus (Bourdot & Galzin) Donk – [AU: LC:cc]

Kopáčsky ostrov NR, forest steppe, fallen branch of *Quercus* sp., 5.XI.2017, leg. TT & LZ, det. LZ, HR 105308

Tulasnella saveloides P. Roberts

Kopáčsky ostrov NR, forest steppe, fragment of a trunk of *Quercus* sp., 5.XI.2017, leg. TT & LZ, det. LZ, HR 105396

Probably rare or widely overlooked species with conspicuously curved spores (Roberts 1993). Out of neighbouring countries it has been recorded only in Ukraine (Ordynets 2012), Poland (Roberts & Piątek 2004) and in the Czech Republic (Zíbarová unpublished data from 2018).

Tulasnella violea (Quél.) Bourdot & Galzin – [AU: LC:cc]

Šúr NNR, willow-poplar floodplain forest, fallen trunk of *Populus*, 3.XI.2017, leg. TT & LZ, det. LZ, HR 105336

Vuilleminia comedens (Nees) Maire – CL! [AU: LC:cc]

Rusovce, hardwood floodplain forest, fallen branch of *Quercus* sp., 4.XI.2017, not. TT & LZ

Šúr NNR, alder carr, fallen branch of broadleaf tree, 3.XI.2017, not. TT & LZ

Vuilleminia cystidiata Parmasto – [CZ: CR; AU: DD]

Šúr NNR, scrubby forest fringe, attached branch of *Crataegus* sp., 3.XI.2017, leg. et det. TT & LZ, HR 105350

The only record of *Vuilleminia cystidiata* from Slovakia (Silická planina Plateau near Gombasek, on *Cornus mas*) known to us was mentioned by Kotlaba & Pouzar (1993). Possibly, this species has been overlooked in Slovakia so far, as it had been previously in the Czech Republic (Kotlaba & Pouzar 1993, 2008, Zíbarová & Kříž 2016). In the Central Europe the species is typical for warm forest fringes, where it grows on dead but frequently still attached branches usually of (but not exclusively) woody members of *Rosaceae* family (Krieglsteiner 2000, Zíbarová & Kříž 2016).

Xenasma parvisporum Pouzar

Rusovce, hardwood floodplain forest, fallen branch of *Fraxinus* sp., 4.XI.2017, leg. TT & LZ, det. LZ, HR 105267

The species was described by Pouzar (1982) based on single specimen from Prague, Czech Republic. *Xenasma parvisporum* is clearly close to *Xenasma pulverulentum* (Litsch.) Donk. but its spores are significantly smaller than in *X. pulverulentum*. Since then, no additional material has been collected. Our specimen fits well in most of micromorphological features with description of Pouzar (1982). However, further study

including type material is needed to clarify if *X. parvisporum* is really valid species or anomalous form of *X. pulverulentum*.

Xenosperma ludibundum (D. P. Rogers & Liberta) Oberw. ex Jülich

Šúr NNR, willow-poplar floodplain forest, fallen branch of *Populus* sp., 3.XI.2017, leg. TT, LZ & IK, det. LZ, HR 105244

Very rare corticioid species, in the Central Europe known only from a single collection from Germany (Ostrow & Dämmrich 2010). Our specimen differs somewhat from descriptions in literature (Liberta 1960, Hjortstam et al. 1988) by having slightly smaller spores (5–6 × 5.5–6.5 µm) and rather variable number of sterigmata (1–4, but bisterigmatic basidia are prevalent). Nevertheless, its other micromorphological characters are typical and we have no doubt about its identity: tiny pleurobasidia borne directly on horizontal hyphae, turbinate spores reminding those of *Trechispora subsphaerospora* (Litsch.) Liberta.

Xylaria hypoxylon (L.) Grev. – CL!

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch of *Populus* sp., 5.XI.2017, not. TT & LZ

Xylaria cf. *longipes* Nitschke – CL!

Šúr NNR, alder carr, fallen branch of *Alnus* sp., 10.IV.2017, not. TT & LZ

Xylodon crustosus (Pers.) Chevall. – CL! as *Hyphodontia crustosa* [AU: LC:cc]

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch of cf. *Populus* sp., 17.XI.2016, leg. TT, IK & IT, det. LZ, HR 104679

Kopáčsky ostrov NR, willow-poplar floodplain forest, fallen branch of broadleaf tree, 17.XI.2016, leg. TT, IK & IT, det. LZ, HR 104681

Kopáčsky ostrov NR, forest steppe, fragment of a trunk of *Quercus* sp., 5.XI.2017, leg. TT & LZ, det. LZ, HR 105305

Slovanský ostrov NR, willow-poplar floodplain forest, fallen branch of *Salix*, 6.XI.2017, leg. TT & LZ, det. LZ, HR 105238

Šúr NNR, willow-poplar floodplain forest, fallen branch of *Populus* sp., 10.IV.2017, leg. TT, LZ & IK, det. LZ, HR 104640

Šúr NNR, willow-poplar floodplain forest, fragment of a trunk of *Populus* sp., 3.XI.2017, leg. TT & LZ, det. LZ, HR 105363

Xylodon nesporei (Bres.) Hjortstam & Ryvarden – CL! as *Hyphodontia nesporei* [AU: LC:cc]

Topoľové hony NR, hardwood floodplain forest, attached branch on fallen trunk of *Quercus* sp., 18.IV.2016, leg. TT & IK, det. LZ, HR 104660

Conclusions

Based on historical data as well as on our recent collections, it is clear that Podunajská nížina Lowland is very valuable and so far underestimated area suitable for many rare lignicolous species, many of which have not been found elsewhere in Slovakia. Interestingly, apart from numerous species that are considered thermophilic in the Central Europe, we also recorded some species with prevalent boreal and/or montane distribution that we did not expect in the Podunajská nížina Lowland, such as *Antrodia xantha* or *Tubulicrinis strangulatus*. We are aware that our list is far from being complete partly due to timing of our field trips and our preferences for certain taxonomic groups. In addition, we hope that our work would encourage further research and proper conservation management of lignicolous fungi by the state authorities.

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Chaetoporellus latitans, Podunajská nížina Lowland, Šúr NNR, 3 November 2017, T. Tejklová & L. Zíbarová (HR 105328).
Photo L. Zíbarová.



Omphalina discorosea, Podunajská nížina Lowland, Kopáčsky ostrov NR, 5 November 2017, T. Tejklová & L. Zíbarová (HR 105298).
Photo L. Zíbarová.



Nemanía aenea, Podunajská nížina Lowland, Šúr NNR, 3 November 2017, T. Tejklová & L. Zíbarová (HR 105473). Photo L. Zíbarová.



Rigidoporus pouzarii, Podunajská nížina Lowland, Šúr NNR, 10 April 2017, T. Tejklová, L. Zíbarová & I. Kautmanová (HR 104722).
Photo L. Zíbarová.



Xenasma parvisporum, Podunajská nížina Lowland, Rusovce,
4 November 2017, T. Tejklová & L. Zíbarová (HR 105267).
Photo L. Zíbarová.



Xenosperma ludibundum, Podunajská nížina Lowland, Šúr NNR,
3 November 2017, T. Tejklová, L. Zíbarová & I. Kautmanová
(HR 105244). Photo L. Zíbarová.