

Red-listed macromycetes collected in the Bílé Karpaty (White Carpathian Mts.) Protected Landscape Area (Czech Republic)

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ANTONÍN V., DECKEROVÁ H. & JONGEPIER J.W. 2010: Red-listed macromycetes collected in the Bílé Karpaty (White Carpathian Mts.) Protected Landscape Area (Czech Republic). *Acta Musei Moraviae, Scientiae biologicae* (Brno) 95(1): 163–200. – The authors publish a list of red-listed macromycetes found in the Bílé Karpaty (White Carpathians Mts.) Protected Landscape Area (Moravia, Czech Republic). The list contains 186 species, and is mostly based on our own long-term work, both in the field and the literature. Species considered probably extinct or critically endangered in the Red list are commented upon.

Key words. Ascomycetes, Basidiomycetes, Red List, Bílé Karpaty, White Carpathians, Moravia, Czech Republic

Introduction

The Bílé Karpaty (White Carpathian Mts.) Protected Landscape Area in the SE part of the Czech Republic stretches along the border between the Czech Republic and Slovakia for a distance of 80 km, covering a total area 746.6 km² at altitudes of 180 to 970 metres above sea level (Mt. Velká Javořina). The area is based on flysch sediments, consisting of sandstone layers alternating with clay- and marlstone layers, which are often calcareous in nature. It is noted for its extensive species-rich grasslands but hosts well-preserved broadleaved forests as well. The climate varies from dry and warm (mean annual temperature 8.9°C, mean annual precipitation 550 mm) in the south-west to humid and cool at the highest elevations and in the north-east (mean annual temperature 6.8°C, mean annual precipitation 950 mm).

The results published in this paper are based largely on the authors' own field research, the literature and on data from the database of the BRNM herbarium.

The Czech Red list of macromycetes was published four years ago (HOLEC & BERAN 2006). It comprises data on 904 species of macromycetes, 81 ascomycetes and 823 basidiomycetes. This publication provides a basis for including macromycete taxa in our list with their categories of threat. Taxa considered probably extinct or critically endangered are accompanied by brief remarks. Synonyms are added in cases of taxa mentioned under a different name in the Czech Red List, and/or when taxa are better-known under the synonymous term.

Per species, records are ranged in geographical order from SW to NE; within sites they are in chronological order. The following abbreviations are used in the list:

Categories of protected areas: NM – nature monument, NNM – national nature monument, NNR – national nature reserve, NR – nature reserve, PLA – protected landscape area.

Red list categories: ?EX – probably extinct; CR – critically endangered; EN – endangered; VU – vulnerable; NT – near-threatened; DD – data deficient.

Herbaria: BRA – Herbarium of the National Museum in Bratislava, Slovakia; BRNM – Herbarium of the Dept. of Botany of the Moravian Museum, Brno (Czech Republic); BRNU – Herbarium of the Dept. of Botany and Zoology, Faculty of Sciences, Masaryk University, Brno (Czech Republic); L – National Herbarium of the Netherlands, Leiden (Netherlands); PRM – Herbarium of the Mycological Dept. of the National Museum, Prague (Czech Republic). Private herbaria are indicated with the name of the owner.

The main collectors are abbreviated as VA (V. Antonín), HD (H. Deckerová), DD (D. Dvořák), IJ (I. Jongepierová), JWJ (J.W. Jongepier), and AV (A. Vágner).

The abbreviation “not.” (*notavit*) indicates that the fungus collected is not preserved as a herbarium specimen, only noted by its collector (KOTLABA 1999). If not indicated otherwise, this person represents the collector and identifier of the fungus.

List of red-listed fungi of the Bílé Karpaty (White Carpathians) PLA

ASCOMYCOTA

Aleuria aurantia (Pers.) Fuckel (NT)

- Slavkov, near Porážky NNR, on wet soil in mixed forest, 4 Nov. 2004 not. HD.

Ascotremella faginea (Peck) Seaver (VU)

- Strání, Javořina NNR, fallen branch of *Fagus sylvatica*, 24 Aug. 2006 leg. et det. AV (BRNM).
- Sv. Štěpán, Chladný vrch hill NM, decaying stump of *Fagus sylvatica*, 15 Oct. 2008 leg. et det. HD (herb. HD).

Coprobria granulata (Bull.: Fr.) Boud. (EN)

- Vyškovec, Pod Hřibovňou NM, cow dung, 10 Oct. 1998 not. JWJ.

Cordyceps entomorrhiza (Dicks.: Fr.) Fr. (CR)

- Velká nad Veličkou, Vrbovce, on larva of a beetle (ground-beetle or caterpillar-hunter), 9 July 1953 leg. K. Kříž, det. 15 Febr. 2006 V. Kautman (BRNM).

In recent times, this species has been collected at only three localities (HOLEC 2006a).

Disciotis venosa (Pers.) Boud. (EN)

- Kněždub, Járkovec stream valley, former timber dump, in grass with *Petasites hybridus*, 6 May 2006 not. JWJ.
- Kněždub, Čertoryje NNR, Járkovec stream valley, large *Petasites hybridus* stand, 23 April 1998 not. JWJ.



Fig. 1. *Geastrum berkeleyi*. Petrůvka, U Petrůvky NM, 25 Sept. 2007 photo J.W. Jongepier.

- Lipov, Hájová, ruderalized terraces, terrestrial, 8 May 2004, not. JWJ.
- Louka, NW slope of Dlouhá hora hill, site known as Prostřední les, stream valley, on bare soil among *Allium ursinum*, *Viola alba*, *Pulmonaria obscura*, etc., 280 m n.m., 29 March 2008 leg. J. Roleček, not. DD.
- Javorník, Jazevčí NNR, meadows and hedges, 16 May 2004 leg. IJ, not. JWJ.
- Suchov, Kazivec stream valley below Lipinka hill, 7 May 2006 leg. IJ, not. JWJ.
- Strání, Nová hora NR, in moss, 22 April 2008 leg. IJ, not. JWJ.
- Bylnice, below Lazy NR, bare path in stand of *Carpinetum*, 17 April 2007 leg. K. Vincencová, not. JWJ.

***Gyromitra fastigiata* (Krombh.) Rehm (EN)**

- Sidonie, Okrouhlá NR, on soil in broadleaved forest (*Acer platanoides*, *A. pseudoplatanus*, *Fagus sylvatica*), 14 May 2008 leg. et det. AV (BRNM).

***Helvella solitaria* (P. Karst.) P. Karst. (VU)**

- Javorník, Jazevčí NNR, on soil in broadleaved forest (*Tilia* sp., *Cornus mas*, *Carpinus betulus*, *Corylus avellana*), 28 July 2004 leg. DD, det. AV (BRNU). – Ibid., on soil under *Carpinus betulus*, *Quercus* sp., *Tilia* sp., and *Corylus avellana*, 3 July 2005 leg. et det. VA, DD and JWJ (BRNM).

***Microglossum viride* (Schrad.: Fr.) Gillet (EN)**

- Žitková, Hutě NR, in mosses on former pasture, 15 Oct. 1996 leg. et det. J. Spáčilová (BRNM).

***Morchella semilibera* DC.: Fr. (NT)**

- Radějov, between Lučina recreation area and Kútky NR, along stream, 16 May 1991 leg. P. Waanders, not. JWJ.
- Strání, Mechnáčky NM, in hedge, 22 April 2008 leg. K. Fajmon, not. JWJ.



Plate 1. 1. – *Tarzetta catinus* (Javorník, Jazevčí NNR, 3 June 2005 photo V. Antonín). 2. – *Amanita franchetii* (Kněždub, Čertoryje NNR, 16 Aug. 2000 photo V. Antonín). 3. – *Amanita ceciliae* (Kazivec stream valley, 12 July 2009 photo J.W. Jongepier). 4. – *Bolbitius variicolor* (Javorník, 26 May 2002 photo J.W. Jongepier). 5. – *Boletus queletii* (Valašské Klobouky, Bílé potoky NR, 29 Sept. 2007 photo J.W. Jongepier). 6. – *Hygrocybe cantharellus* (Strání, Javořina NNR, 9 Oct. 2007 photo V. Antonín).

Red-listed macromycetes in the Bílé Karpaty Mts.



Plate 2. 1. – *Coprinus picaceus* (Sidonie, Sidonie NR, 14 Nov. 2008 photo V. Antonín). 2. – *Cortinarius olivaceofuscus* (Sidonie, Sidonie NR, 14 Nov. 2008 photo V. Antonín). 3. – *Entoloma bloxamii* (Suchov, Kazivec stream valley, 16 Oct. 2007 photo J.W. Jongepier). 4. – *Hygrocybe chlorophana* (Vyškovec, Ve Vlči NR, 7 Oct. 2007 photo J.W. Jongepier). 5. – *Hygrocybe ceracea* (Strání, Javořina NNR, 13 Sept. 2007 photo V. Antonín). 6. – *Hygrocybe reidii* (Strání, Javořina NNR, 21 Sept. 2006 photo V. Antonín).



Plate 3. 1. – *Hygrocybe coccinea* (Nová Lhota, Porážky NNR, 9 Oct. 2007 photo J.W. Jongepier). 2. – *Leccinum crocipodium* (Kněždub, Čertoryje NNR, 30 Sept. 2007 photo J.W. Jongepier). 3. – *Hygrophorus arbustivus* (Nová Lhota-Hryzlácké Mlýny, 7 Oct. 2007 photo J.W. Jongepier). 4. – *Leucopaxillus lepistoides* (Horní Němčí, Drahy NR, 11 May 2008 photo J.W. Jongepier). 5. – *Mycena diosma* (Sv. Štěpán, Chladný vrch NM, 15 Oct. 2008 photo V. Antonín). 6. – *Ramaria flava* (Nedašov, Hrušovka stream valley, 4 Sept. 2009 photo V. Antonín).



Plate 4. 1. – *Ramaria mairei* (Nedašov, Hrušovka stream valley, 18 Aug. 2009 photo V. Antonín). 2. – *Russula luteotacta* (Velká nad Veličkou, Zahrady pod Hájem NNR, 27 July 2005 photo V. Antonín). 3. – *Tricholoma basirubens* (Velká nad Veličkou, Zahrady pod Hájem NNR, 7 Sept. 2005 photo V. Antonín). 4. – *Tricholoma batschii* (Velká nad Veličkou, Zahrady pod Hájem NNR, 27 July 2005 photo V. Antonín).

***Neobulgaria pura* (Fr.) Petrak (NT)**

- Strání, Javořina NNR, fallen branch and fallen trunk of *Fagus sylvatica*, 15 Oct. 2004 not. HD. – Ibid., Velička stream valley below Javořina NNR, fallen branch of *Fagus sylvatica*, 15 Oct. 2004 not. DD.

***Peziza succosa* Berk. (EN)**

- Kněždub, Čertoryje NNR, on soil under *Rosa* sp., 25 July 1996 leg. et det. AV (BRNM). – Ibid., alluvium of the Radějovka and Járkovec streams, on soil under *Tilia cordata* and *Crataegus* sp., 29 July 2004 leg. et det. VA and DD (BRNM). – Ibid., southern buffer zone, site with *Gladiolus palustris*, 26 July 2005 leg. IJ, H. Poková and J. Chromečková, not. JWJ.
- Velká nad Veličkou, Zahrady pod Hájem NNR, on soil under *Carpinus betulus*, *Corylus avellana* and *Tilia* sp., 27 July 2005 leg. et det. AV (BRNM).
- Javorník, Jazevčí NNR, on soil under *Crataegus* sp., 28 July 2004 leg. et det. VA, DD and JWJ (BRNM). – Ibid., stream alluvium, on soil under *Carpinus betulus* and *Tilia cordata*, 28 July 2005 leg. et det. VA (BRNM).

***Psilopezia babingtonii* (Berk. et Broome) Berk. (EN)**

- Javorník, Filipovské údolí valley, on twig in stream, 14 June 2003 leg. J. Lederer, det. V. Kabát (herb. HD).

***Pyronema omphalodes* (Bull.) Fuckel (EN)**

- Kněždub, Kněždubský háj forest, on scorched bonfire ground, 22 June 1997 leg. et det. AV (BRNM).
- Kněždub, Čertoryje NNR, scorched soil left by bonfires, 30 June 1989 not. JWJ. – Ibid., 23 June 1993 not. JWJ. – Ibid., 24 May 1994 not. JWJ. – Ibid., 9 June 1994 not. JWJ.
- Velká nad Veličkou, Zahrady pod Hájem NNR, scorched soil left by two bonfires, 11 June 1992 not. JWJ. – Ibid., scorched soil left by three bonfires, 18 Sept. 1992 not. JWJ. – Ibid., orchard, scorched bonfire ground, 26 May 1993 not. JWJ. – Ibid., northern half, scorched soil, 26 Aug. 2005 not. JWJ.
- Javorník, Jazevčí NNR, bonfire site, 24 June 1993 not. JWJ.
- Strání, Nová hora NR, scorched soil left by bonfire, 17 May 1994 not. JWJ
- Žitková, Hutě NR, bonfire ground, 30 Aug. 1994 not. JWJ.

***Sarcosphaera coronaria* (Jacq.) J. Schröt. (EN)**

[Syn. *S. crassa* (Santi et Steudel) Pouzar]

- Kuželov, south-eastern end of the village, orchard, under *Pinus sylvestris*, 6 May 2008 leg. IJ, not. JWJ.
- Velká nad Veličkou, Zahrady pod Hájem NNR, central part, on soil in mosses under *Pinus sylvestris*, 7 June 1995 leg. VA and M. Elsnerová, det. VA (BRNM). – Ibid., 27 May 1996 not. JWJ. – Ibid., northern part, grassland with *Pinus sylvestris* trees, 22 May 2004 leg. IJ, not. JWJ.

***Tarzetta catinus* (Holmsk.: Fr.) Korf et J.K. Rogers (VU) (Pl. 1: 1)**

- Kněždub, Čertoryje NNR, Járkovec stream valley, on soil under *Acer campestre*, *Quercus* sp. and *Tilia* sp., 17 June 2004 leg. VA (BRNM).
- Velká nad Veličkou, Zahrady pod Hájem NNR, on soil under *Crataegus* sp., *Prunus spinosa*, *Quercus* sp. and *Tilia* sp., 2 June 2005 leg. et det. AV (BRNM). – Ibid., on soil in hedge, 14 July 2005 leg. IJ, not. JWJ.
- Javorník, Jazevčí NNR, Jamný potok valley, on soil under *Carpinus betulus*, 18 June 2004 leg. et det. AV (BRNM). – Ibid., scorched soil in eastern part, 3 June 2005 leg. et det. VA (BRNM).
- Strání, north-western slope of Mt. Velká Javořina, near Kamenná bouda Chalet, on soil under *Fagus sylvatica* and *Picea abies*, 21 June 1997 leg. et det. VA (BRNM).
- Vápenice, Mravenčí louka NM, 23 June 1993 leg. IJ, not. JWJ.

***Xylaria filiformis* (Alb. et Schwein.: Fr.) Fr. (DD)**

- Javorník, Jazevčí NNR, on stems of *Petasites*, 14 Oct. 2004 leg. et det. HD (herb. HD).
- Slavkov, Porážky NNR, on stems of *Petasites* sp. and other plants, 4 Nov. 2004 leg. et det. HD (herb. HD).

BASIDIOMYCOTA

***Agaricus annae* Pilát (DD)**

- Sv. Štěpán, Chladný vrch NM, on soil under *Fagus sylvatica*, 15 Oct. 2008 leg. et det. HD (herb. HD).

***Agaricus comtulus* Fr. (DD)**

- Kněždub, Čertoryje NNR, woodland fringe, 20 July 1993 not. JWJ.
- Suchov, Búrová NNM, on soil in grass, 10 Oct. 2007 leg. et det. HD (herb. HD).

***Agaricus squamuliferus* (F.H. Møller) Pilát (VU)**

- Radějov, Kútky NR, grassland, 12 Oct. 2001 not. JWJ. – Ibid., 19 Oct. 2007 leg. IJ, not. JWJ.
- Kněždub, Čertoryje NNR, grassland close to a sheep-fold, 21 Oct. 1995 not. JWJ. – Ibid., Járkovec stream valley, on soil under *Quercus robur*, *Rosa* sp. and *Pyrus* sp., 3 Oct. 1996 not. AV and L. Jankovský. – Ibid., southern part, 9 Oct. 1998 leg. IJ, not. JWJ. – Ibid., southern part, 25 Sept. 2000 not. JWJ. – Ibid., Járkovec stream valley, 30 Sept. 2001 leg. N. Lukešová, not. JWJ. – Ibid., Vojšické louky buffer zone, below Kobyla hill, 30 Sept. 2001 leg. IJ, not. JWJ. – Ibid., slope of the Radějovka stream valley, on soil in grass, 13 Oct. 2004 leg. et det. VA (BRNM). – Ibid., north-western part, grassy pass between broadleaved forests, 26 Aug. 2005 leg. IJ, not. JWJ.
- Kněždub, site known as Skleněný vrch hill, orchard, 18 Oct. 2007 leg. IJ, not. JWJ.
- Louka, Háj u Louky NR, in forest margin under broadleaved trees, 21 Oct. 2007 leg. Z. Vávrová, det. DD (BRNU).
- Velká nad Veličkou, Zahrady pod Hájem NNR, grassland, 4 Nov. 1998 leg. IJ, not. JWJ. – Ibid., 4 Oct. 2000 leg. M. Blažková, not. JWJ. – Ibid., 26 Aug. 2005 not. JWJ. – Ibid., 2 Oct. 2008 leg. IJ, not. JWJ.
- Suchov, Búrová NNM, on soil in grass under *Crataegus* sp., *Rosa canina* and *Fraxinus* sp., 20 Sept. 2006 and 10 Oct. 2007 leg. et det. HD (herb. HD).
- Suchov, SE of the village, sheep pasture, 15 Sept. 2007 not. JWJ.
- Nová Lhota – Hryzlácké Mlýny, Přední louky, grasslands, 26 Sept. 2007 leg. K. Fajmon, not. JWJ.
- Nová Lhota, below Šibenický vrch hill, pasture with *Pinus* sp., *Larix decidua* and broadleaved trees, 19 Aug. 2005 not. JWJ.
- Horní Němčí, Drahy NR, grassland, 16 Sept. 2007 not. JWJ.
- Březová, Dubiny NM, grassland, 10 Oct. 2008 leg. IJ, not. JWJ.
- Žitková, Hutě NR, grassland with scattered trees (*Betula pendula*, *Quercus robur*, *Salix* spp.), 10 Oct. 1998 not. JWJ. – Ibid., 28 Sept. 2001 not. JWJ.
- Valašské Klobouky, Bílé potoky NR, grassland, 29 Sept. 2007 not. JWJ.

***Agrocybe paludosa* (J.E. Lange) Watling et Gregory (EN)**

- Radějov, Kútky NR, fen, 29 May 1990 not. JWJ.
- Tvarožná Lhota, Lučina recreation area, small fen above reservoir, 27 May 1991 not. JWJ.
- Suchov, Přední louky, site known as Milátka, humid patch, 21 July 2000 not. JWJ.
- Korytná, Nové louky NM, spring fen, 16 May 1989 not. JWJ.
- Březová, Kalábová NM, fen, 27 May 2003 leg. IJ, not. JWJ. – Ibid., fen, in moss, 7 May 2009 leg. IJ, not. JWJ.

***Aleurodiscus disciformis* (DC.) Pat. (CR)**

- Malá Vrbka, E slope of Výzkum hill, on bark of living *Quercus* sp., 29 March 2008 leg. et det. DD (BRNU)
- Javorník, Jazevčí NNR, on bark of *Quercus* sp., 3 June 2005 leg. et det. AV (BRNM).
- Nedašov, Kaňoury NM, on bark of living *Quercus* sp., 5 Sept. 2009 leg. et det. AV (BRNM).

POUZAR (2006) mentioned six localities for this species in the Czech Republic (including Jazevčí NNR from the Bílé Karpaty PLA). In addition to the two collections from the PLA, several new finds from Bohemia have also been recently published (HOLEC 2009, KOTLABA 2010). For more detailed information, see ANTONÍN & DVOŘÁK (2010).

***Amanita franchetii* (Boud.) Fayod (EN)** (Pl. 1: 2)[Syn. *A. aspera* (Fr.) Gray]

- Kněždub, Čertoryje NNR, grassland with solitary broadleaved trees, 4 July 1989 not. JWJ. – Ibid., 23 June 1993 not. JWJ. – Ibid., part known as Za vrchy, on soil under *Populus tremula* and *Crataegus* sp., 16 Aug. 2000 not. VA and AV. – Ibid., alluvium of the Járkovec stream valley, on soil under *Alnus glutinosa*, *Carpinus betulus*, *Quercus* sp., *Tilia* sp. and *Fraxinus* sp., 16 Aug. 2000 leg. et det. AV (BRNM).
- Kněždub, Radějovka stream valley, lawn next to cottage, under *Quercus* sp., 31 Aug. 2006 leg. et det. DD (BRNU).
- Louka, Háj u Louky NR, *Quercus-Carpinetum*, 6 Aug. 2006 leg. Z. Vávrová, det. DD (BRNU).
- Velká nad Veličkou, Zahrady pod Hájem NNR, on soil under *Crataegus* sp., *Quercus* sp., *Carpinus betulus* and *Tilia* sp., 17 Aug. 2000 not. VA and AV. – Ibid., 27 July 2005 leg. et det. AV (BRNM). – Ibid., not. HD. – Ibid., southern part, hedge fringe (without conifers), 28 Aug. 2005 not. JWJ.
- Javorník, Jazevčí NNR, on soil under *Carpinus betulus*, *Quercus robur*, *Crataegus* sp. and *Corylus avellana*, 17 Aug. 2000 not. VA, JWJ and AV. – Ibid., 28 July 2005 not. VA.
- Strání, Hrnčárky NM, grassland with shrubs, under *Crataegus* sp., *Quercus* sp. and *Acer campestre*, 2 Sept. 2005 leg. et det. DD (BRNU)
- Sv. Štěpán, Chladný vrch NM, on soil under *Fagus sylvatica*, 15 Oct. 2008 not. VA.

***Amanita beckeri* Huijism. (DD)**

- Kněždub, Čertoryje NNR, on soil under *Prunus spinosa*, *Quercus petraea*, *Tilia* sp., *Populus tremula* and *Crataegus* sp., 16 Aug. 2000 not. AV.
- Javorník, Jazevčí NNR, on soil under *Betula pendula* and *Carpinus betulus*, 4 Oct. 1996 leg. AV, det. VA (BRNM).

***Amanita caesarea* (Scop.: Fr.) Pers. (EN)**

- Radějov – Dolní Mlýn, broadleaved woodland (*Quercus* spp., *Fagus sylvatica*, etc.), 8 Aug. 2001 leg. D. Požárková, not. JWJ.

***Amanita ceciliae* (Berk. et Broome) Bas (EN)** (Pl. 1: 3)

- Kněždub, Šumárník hill, in grass under broadleaved trees, 7 Oct. 2007 leg. Z. Vávrová, det. DD (BRNU).
- Kněždub, Čertoryje NNR, grassland with solitary broadleaved trees, 4 July 1989 not. JWJ. – Ibid., grassland with solitary broadleaved trees, 5 Oct. 2001 leg. IJ, not. JWJ. – Ibid., north-western part, grassy pass between broadleaved forests, 5 June 2003 not. JWJ. – Ibid., slope above Járkovec stream, on soil under *Quercus* sp., 17 June 2004 leg. et det. VA (BRNM). – Ibid., north-eastern part, grassland with solitary broadleaved trees, 25 June 2004 leg. IJ, not. JWJ. – Ibid., Dubník forest, *Quercus-Carpinetum*, 13 July 2004 leg. IJ, not. JWJ. – Ibid., slope with trees and shrubs above Járkovec stream, 12 Oct. 2007 leg. IJ, not. JWJ.
- Hroznová Lhota, 3 km S of the village, wood fringe, 4 Sept. 2005 not. JWJ.
- Tasov, 3 km SE of the village, *Quercus-Carpinetum* forest above Roštovica pond, 8 July 2004 not. JWJ.
- Velká nad Veličkou, Zahrady pod Hájem NNR, eastern boundary, wood fringe, 26 May 2005 leg. IJ, not. JWJ. – Ibid., on soil under *Carpinus betulus* and *Tilia cordata*, 27 July 2005 leg. et det. VA (BRNM).
- Javorník, Machová NR, western part, *Quercus-Carpinetum* forest, 31 July 2001 not. JWJ. – Ibid., southern part, wood fringe, 6 Oct. 2007 not. JWJ.
- Javorník, SE of Machová NR, broadleaved forest (*Fagus sylvatica*, *Quercus* spp., *Carpinus betulus*), 24 June 2007 not. JWJ.

Red-listed macromycetes in the Bílé Karpaty Mts.

- Suchov, Kazivec stream valley below Lipinka hill, predominantly broadleaved forest (*Tilia cordata*, *Quercus* spp., *Carpinus betulus*, *Corylus avellana*, etc.), 12 July 2009 not. JWJ.
- Nová Lhota – Vápenky, SE of the settlement, grassy fringe of wood, 9 July 2002 not. JWJ.
- Slavkov, Slavkovský háj forest, c. 2 km SSW of the village, 24 July 1996 leg. et det. AV (BRNM). – Ibid., 29 July 2005 not. JWJ.
Strání, Nová hora NR, wood fringe, 29 Sept. 1998 leg. IJ, not. JWJ.

Amanita mairei Foley (DD)

- Kněždub, Čertoryje NNR, on soil under *Picea abies*, *Tilia* sp. and *Quercus* sp., 16 Aug. 2000 leg. et det. AV (BRNM).
- Javorník, Jazevčí NNR, stream valley, on soil under *Carpinus betulus*, *Tilia* sp. and *Crataegus* sp., 17 Aug. 2000 leg. et det. VA, JWJ and AV (BRNM).
- Horní Němčí, Uvezené NM, broadleaved forest, 17 Sept. 1994 leg. et det. VA (BRNM).

Amanita submembranacea (Bon) Gröger (DD)

- Strání, Javořina NNR, on soil under *Fagus sylvatica*, 21 Sept. 2006 leg. et det. VA (BRNM). – Ibid., on soil under *Fagus sylvatica*, 13 Sept. 2007 not. VA. – Ibid., on soil under *Fraxinus excelsior* and *Fagus sylvatica*, 10 Oct. 2007 not. VA.

Antrodiella fissiliformis (Pilát) Gilb. et Ryvarden (NT)

- Sidonie, Okrouhlá NM, fallen trunk of *Fagus sylvatica*, 14 Oct. 2008 leg. HD, det. P. Vampola (herb. HD).

Aureoboletus gentilis (Quél.) Pouzar (VU)

- Kněždub, Čertoryje NNR, above Járkovec stream valley, grasslands with solitary broadleaved trees, 5 Oct. 2001 leg. IJ, not. JWJ.
- Nová Lhota, Porážky NNR, in grass under *Quercus robur*, 30 Sept. 2000 leg. IJ, not. JWJ. – Ibid., landslide area with *Quercus* spp., in moss, 6 Oct. 2000 leg. IJ, not. JWJ.
- Žitková, area known as Pitínské paseky, 3 Sept. 1994 leg. N. Lukešová, not. JWJ.

Bolbitius varicolor G.F. Atk. (DD) (Pl. 1: 4)

- Javorník, Filipovské údolí valley, pasture, on dung mixed with straw, together with *B. vitellinus*, 26 May 2002 not. JWJ.
- Sidonie, north-eastern end of the village, on heap of wood-chips and sawdust, 12 July 1994 not. JWJ.

Boletus aereus Bull.: Fr. (VU)

- Starý Hrozenkov, July 1966 leg. et det. K. Koncerová, rev. 1989 J. Šutara (BRNM 236144).

Boletus appendiculatus Schaeff.: Fr. (NT)

- Kněždub, Čertoryje NNR, 8 June 1993 not. JWJ. – Ibid., grassland with solitary broadleaved trees, 25 Sept. 1995 not. JWJ. – Ibid., Dubník forest, *Quercus-Carpinetum*, 13 July 2004 leg. IJ, not. JWJ. – Ibid., southern part, wood fringe, 24 June 2007 not. JWJ.
- Louka, Háj u Louky NR, *Quercus-Carpinetum*, 6 Aug. 2006 leg. et det. Z. Vávrová (BRNU). – Ibid., 30 Aug. 2006 not. et det. DD et Z. Vávrová.
- Javorník, Filipovské údolí valley, ski slope, in wood fringe, 29 Aug. 2002 leg. Jančařík, not. JWJ.
- Suchov, Suchovská doubrava, broadleaved forest, 6 Sept. 1996 leg. M. Lopata, not. JWJ. – Ibid., 5 July 1998 leg. M. Lopata, not. JWJ. – Ibid., 29 Aug. 2006 leg. R. Sovka, not. JWJ.

- Nová Lhota – Hryzlácké Mlýny, pasture, 29 July 2003 leg. IJ, not. JWJ. – Ibid., beyond pasture, *Quercus-Carpinetum*, 28 Aug. 2009 leg. IJ, not. JWJ.
- Slavkov, Slavkovský háj forest, 26 Aug. 2006 leg. V. Ondrová, not. JWJ.
- Strání, beech forest above Hrnčárky NM, 11 June 2003 not. JWJ.
- Žitková, part known as Pitinské paseky, in beech forests, 5 Aug. 1990 not. JWJ. – Ibid., 14 Oct. 1990 not. JWJ. – Ibid., 3 Aug. 1991 not. JWJ. – Ibid., 5 July 1992 not. JWJ. – Ibid., 25 Aug. 1994 not. JWJ. – Ibid., 31 Aug. 2002 leg. Z. Hlobil, not. JWJ. – Ibid., 3 Aug. 2003 leg. Z. Hlobil, not. JWJ. – Ibid., 31 July 2005 leg. Z. Hlobil, not. JWJ. – Ibid., 16 Aug. 2005 leg. M. Římák and D. Římková, not. JWJ. – Ibid., 17 Sept. 2005 leg. Z. Hlobil, not. JWJ. – Ibid., 6 Aug. 2006 leg. Z. Hlobil, not. JWJ.

***Boletus depilatus* G. Redeuilh (VU)**

- Kněždub, Čertoryje NNR, alluvium of Járkovec stream, on soil under *Carpinus betulus*, *Tilia* sp., *Crataegus* sp., 16 Aug. 2000 leg. et det. VA and AV (BRNM).
- Velká nad Veličkou, Zahrady pod Hájem NNR, complex of grasslands and hedges, 27 July 2005 not. JWJ. – Ibid., 28 Aug. 2006 leg. ?, det. DD (BRNU)
- Javorník, 2.5 km NE of the village, N of road to Suchovské Mlýny, under solitary *Tilia cordata* tree, with *B. radicans*, 3 Sept. 1994 not. JWJ.

***Boletus fechtneri* Velenovský (EN)**

- Kněždub, Lučina recreation area, above car park, in mixed forest between cottages, 7 Sept. 1999 leg. Polášková, not. JWJ.
- Velká nad Veličkou, Zahrady pod Hájem NNR, on soil under *Quercus petraea*, *Carpinus betulus* and *Tilia* sp., 17 Aug. 2000 leg. et det. AV (BRNM).
- Javorník, Filipovské údolí valley, horse pasture, near margin of broadleaved forest (*Quercus* sp., *Carpinus betulus*, *Crataegus* sp.), 14 June 2003 leg. J. Polčák, det. DD (BRNU).
- Suchov, Suchovská doubrava, by path in broadleaved forest, 31 July 1992 leg. L. Hrouda, not. JWJ.
- Suchov, Kazivec stream valley below Lipinka hill, predominantly broadleaved forest (*Tilia cordata*, *Quercus* spp., *Carpinus betulus*, *Corylus avellana*, etc.), 12 July 2009 not. JWJ.

***Boletus impolitus* Fr. (NT)**

- Strážnice, Žerotín NM, broadleaved woodland with *Quercus pubescens*, 16 Sept. 2005 leg. IJ, not. JWJ.
- Velká nad Veličkou, Zahrady pod Hájem NNR, on soil under *Carpinus betulus* and *Tilia* sp., 27 July 2005 leg. et det. AV (BRNM).
- Javorník, 2.5 km NE of the village, N of road to Suchovské Mlýny, broadleaved forest, 3 Sept. 1994 not. JWJ.
- Nedašov, Hrušovka stream valley, on soil under *Fagus sylvatica*, 4 Sept. 2009 not. HD.

***Boletus queletii* Schulzer (EN) (Pl. 1: 5)**

- Kněždub, Šumárník hill, in grass under broadleaved trees, 29 Aug. 2008 leg. Z. Vávrová, det. DD (BRNU). – Ibid., 28 Sept. 2008 not. Z. Vávrová, det. DD.
- Kněždub, Čertoryje NNR, grasslands with solitary broadleaved trees, 25 Sept. 1995 not. JWJ. – Ibid., alluvium of Járkovec stream, on soil under *Alnus glutinosa*, *Carpinus betulus*, *Quercus* sp., *Tilia* sp. and *Fraxinus* sp., 16 Aug. 2000 leg. et det. AV (BRNM). – Ibid., 5 Oct. 2001 leg. IJ, not. JWJ. – Ibid., 30 Sept. 2007 not. JWJ.
- Velká nad Veličkou, Zahrady pod Hájem NNR, on soil under *Carpinus betulus* and *Tilia cordata*, 27 July 2005 leg. et det. AV (BRNM).
- Javorník, Machová NR, southern part, wood fringe, 6 Oct. 2007 not. JWJ. – Ibid., buffer zone in Rybnický potok valley, grassland surrounded by broadleaved trees, 8 Aug. 2003 not. JWJ.

Red-listed macromycetes in the Bílé Karpaty Mts.

- Javorník, Filipovské údolí valley, south-western side, predominantly broadleaved woodland, 13 Sept. 1994 not. JWJ.
- Javorník, Jazevčí NNR, on soil under *Quercus petraea* and *Carpinus betulus*, 19 Sept. 1998 leg. IJ, not. JWJ. – Ibid., *Querceto-Carpinetum*, 9 July 2009 leg. IJ, not. JWJ.
- Suchov, Suchovská doubrava forest, broadleaved forest, 29 Aug. 2006 leg. R. Sovka, not. JWJ.
- Suchov, Kazivec stream valley below Lipinka hill, wood fringe, 16 Oct. 2007 leg. IJ, not. JWJ.
- Slavkov, Slavkovský háj forest, *Querceto-Carpinetum*, 29 July 2005 not. JWJ.
- Slavkov, Dolnoněmčanské louky NR, grassland with solitary broadleaved trees, 15 Oct. 2000 not. JWJ.
- Korytná, site known as Lipiny, mixed forest with cottages, 9 July 2008 not. J. Trtek et V. Trtková.
- Březová, Dubiny NM, grassland bordered by scrub and woodland, 10 Sept. 2009 leg. J. Stanovský, not. JWJ.
- Březová, NE of the village, scrubby grassland, 21 July 1999 leg. IJ, not. JWJ.
- Březová, Kalábová NM, under broadleaved trees in margin of spring fen, 30 Aug 2006 leg. ?, det. DD (BRNU)
- Žitková, Hutě NR, grassland surrounded by mixed woodland, 17 July 2008 leg. IJ, not. JWJ.
- Žitková, part known as Pitínské paseky, grassy hillside with *Picea abies* and *Betula pendula*, 3 July 1993 not. JWJ. – Ibid., beech and mixed forests, 3 Sept. 1994 leg. Z. Hlobil, not. JWJ. – Ibid., 2 Aug. 2000 leg. Z. Hlobil, not. JWJ. – Ibid., beech forest, 11 Aug. 2000 not. JWJ. – Ibid., beech and mixed forests, 4 Aug. 2001 leg. Z. Hlobil, not. JWJ. – Ibid., 16 Aug. 2005 leg. M. Římák and D. Římáková, not. JWJ. – Ibid., 3 Sept. 2006 leg. Z. Hlobil, not. JWJ.
- Valašské Klobouky, Bílé potoky NR, broadleaved woodland, 2 June 2007 not. JWJ. – Ibid., 29 Sept. 2007 not. JWJ.

Boletus regius Krombh. (EN)

- Strání, Mandlová forest, broadleaved forest (*Fagus sylvatica*, *Quercus robur*, *Carpinus betulus*), 1 July 2009 leg. M. Mazánik, not. JWJ.

Boletus rhodoxanthus (Krombh.) Kallenb. (CR)

- Květná, on soil under *Fagus sylvatica* and *Betula pendula*, 26 Sept. 1993 leg. J. Barvík, det. AV (BRNM).

A rare thermophilic species suffering from extensive habitat loss in past decennia, but of late sporadically but definitely collected (more frequently than before?) in relatively warm regions.

Boletus satanas Lenz (VU)

- Radějov, Žerotín NM, grassland and woodland, 16 Sept. 2005 leg. IJ, not. JWJ. – Ibid., 21 Sept. 2006 not. IJ. – Ibid., 17 Sept. 2009 leg. IJ, not. JWJ.
- Strážnice, Mlýnky recreation area, woodland, 26 Aug. 2006 leg. Z. Musil, not. JWJ.
- Tvarožná Lhota, W of observation tower, *Querceto-Carpinetum*, 16 Sept. 2007 leg. B. Spáčilová, not. JWJ.
- Kněždub, Lučina, woodland (*Quercus* spp., *Fagus sylvatica*) with cottages, 9 Aug. 2001 leg. Polášková, not. JWJ. – Ibid., southern slope of Šumárník hill, *Querceto-Carpinetum*, 31 Aug. 2006 leg. A. Bučánková, det. DD (BRNU). – Ibid., 16 Sept. 2007, 29 Aug. 2008 leg. et det. Z. Vávrová (BRNU). – Ibid., 29 Aug. 2008 not. Z. Vávrová (BRNU).
- Kněždub, Čertoryje NNR, grassland with solitary broadleaved trees, 25 Sept. 1995 not. JWJ.

- Kněždub, above northern bank of Kejda pond, mixed forest (*Picea abies*, *Quercus* sp.), 31 Aug. 2006 leg. et det. DD (BRNU).
- Velká nad Veličkou, Zahrady pod Hájem NNR, hedge, 21 Sept. 2004 leg. IJ, not. JWJ. – Ibid., 28 Aug. 2006 not. DD.
- Suchov, Suchovská doubrava forest, broadleaved forest, 12 Sept. 1996 leg. M. Lopata, not. JWJ.
- Korytná, site known as Lipiny, mixed forest with cottages, 25 Aug. 2006 leg. V. Ondrová, not. JWJ.
- Strání, Hrnčárky NM, 16 Sept. 2004 leg. M. Horsák, M. Straka *et al.*, det. DD (BRNU).
- Strání, Mandlová forest, broadleaved forest (*Fagus sylvatica*, *Quercus robur*, *Carpinus betulus*), 8 July 2009 leg. M. Mazánek, not. JWJ.
- Žitková, Hutě NR, southern part, woodland (*Tilia cordata*, *Fraxinus excelsior*, *Fagus sylvatica*), 30 Aug. 1994 not. JWJ.

***Bovista paludosa* Lév. (EN)**

- Javorník, Machová NR, north-eastern slope, fen, 9 July 2000 not. JWJ. – Ibid., 6 Sept. 2001 leg. IJ, not. JWJ. – Ibid., 6 July 2003 not. JWJ.
- Březová, Kalábová NM, fen, 21 July 1999 leg. IJ, not. JWJ. – Ibid., 5 July 2000 leg. IJ, not. JWJ.

***Calocybe chrysenderon* (Bull.: Fr.) Singer (DD)**

- Kněždub, Čertoryje NNR, in small wood with *Quercus* spp. and *Crataegus* spp., 25 Sept. 1995 not. JWJ.

***Calocybe ionides* (Bull.: Fr.) Donk (DD)**

- Nová Lhota – Vápenky, under *Fagus sylvatica*, 31 Aug. 2005 leg. et det. DD (BRNU). – Ibid., under *Fagus sylvatica* and *Picea excelsa*, 12 Sept. 2007 leg. et det. HD (herb. HD).

***Catathelasma imperiale* (Quél.) Singer (CR)**

- Suchov – Suchovské Mlýny, young spruce forest, 12 Aug. 1953 leg. et det. K. Kříž (BRNM).

A very old collection. This species certainly no longer occurs at this site; the habitat has totally changed.

***Chamaemyces fracidus* (Fr.) Donk. (EN)**

- Kněždub, Čertoryje NNR, alluvium of Járkovec stream, on soil under *Tilia* sp., *Alnus* sp. and *Acer campestre*, 16 Aug. 2000 leg. et det. VA and AV (BRNM).
- Velká nad Veličkou, Zahrady pod Hájem NNR, north-eastern part, scrubby grassland, 1 July 2005 leg. IJ, not. JWJ. – Ibid., central part, 14 July 2005 leg. IJ, not. JWJ. – Ibid., on soil under *Carpinus betulus*, *Acer platanooides* and *Picea abies*, 27 July 2005 not. AV. – Ibid., 26 Sept. 2007 leg. IJ, not. JWJ.
- Javorník, Filipovské údolí valley, on soil in mixed forest, 13 June 2003 leg. ?, det. DD (BRNU).

***Clavaria falcata* Pers.: Fr. (DD)**

- Suchov, Búrová NNM, on soil in grass, 10 Oct. 2007 leg. et det. HD (herb. HD).

***Clavaria fumosa* Pers.: Fr. (?EX)**

- Nedašov, Šumlatová NM, grassland, 7 July 2007 leg. J. Dvořáková, not. DD.

At the time of preparation of the Red List, no recent collection from the Czech Republic was known (JINDŘICH 2006d). However, since then, the species has been found at several localities (e.g. ANONYMOUS 2006, HOLEC *et al.* 2008).

***Clavulinopsis dichotoma* (Godey) Corner (DD)**

- Suchov, Búrová NNM, in moss on advanced age fornicary, 20 Sept. 2006 leg. et det. HD (herb. HD).
- Strání, Javořina NNR, on soil in grass, 12 Sept. 2007 leg. et det. HD (herb. HD).

***Clavulinopsis subtilis* (Fr.) Corner (?EX)**

- Suchov, Búrová NNM, on soil in grass, 13 Sept. 2007 leg. et det. VA (BRNM).

At the time of preparation of the Red List, no recent collection from the Czech Republic was known (JINDŘICH 2006a). However, since then, the species has been found at four localities (three in Bohemia, one in Moravia). For details, see ANTONÍN & VÁGNER (2009).

***Conocybe rickeniana* P.D. Orton (DD)**

- Slavkov, Porážky NNR, on soil in grass, 4 Nov. 2004 leg. et det. VA (BRNM).

***Coprinus echinosporus* Buller (DD)**

- Kněždub, Čertoryje NNR, Dubník forest, *Quercus-Carpinetum*, stump base, 31 July 1993 not. JWJ.

***Coprinus picaceus* (Bull.: Fr.) Gray (VU) (Pl. 2: 1)**

- Kněždub, Čertoryje NNR, slope above Járkovec stream valley, on soil under *Coprinus betulus*, *Quercus robur* and *Tilia cordata*, 3 Nov. 1996 not. AV and L. Jankovský.
- Nová Lhota – Vápenky, in leaf litter under *Fagus sylvatica*, 12 Sept. 2007 not. HD.
- Březová, Studený vrch hill, broadleaved forest, under *Coprinus betulus* and *Fagus sylvatica*, 30 Oct. 1999 not. JWJ.
- Sidonie, Sidonie NR, on soil under *Fagus sylvatica*, 14 Nov. 2008 leg. et det. VA (BRNM).

***Coprinus silvaticus* Peck (DD)**

- Sv. Štěpán, Chladný vrch NM, beech wood, 2 Sept. 1994 not. JWJ. – Ibid., on dead trunk of *Fagus sylvatica*, 15 May 2008 leg. et det. HD (herb. HD).

***Coprinus spelaiophilus* Bas et Uljé (DD)**

- Sidonie, Sidonie NR, in rotten wood at base of *Fagus sylvatica*, 14 May 2008 leg. et det. VA (BRNM).

For more detailed information on this species, see ANTONÍN & DVORÁK (2010).

***Cortinarius olivaceofuscus* Kühner (DD) (Pl. 2: 2)**

- Sidonie, Sidonie NR, on soil under *Fagus sylvatica*, 14 Nov. 2008 leg. et det. VA (BRNM).

***Cortinarius orellanus* Fr. (EN)**

- Kněždub, Šumárník hill, broadleaved forest, under *Coprinus betulus* and *Quercus* sp., 29 June 2009 leg. et det. Z. Vávrová (BRNU).
- Sidonie, Sidonie NR, on soil under *Fagus sylvatica* and *Quercus* sp., 14 Oct. 2008 leg. et det. HD (herb. HD).

***Cortinarius praestans* (Cordier) Gillet (EN)**

- Javorník, Jazevčí NNR, *Querceto-Carpinetum*, 27 Sept. 1998 not. JWJ. – Ibid., Uhlisko buffer zone, woodland along stream, 25 Oct. 2005 leg. IJ, not. JWJ.
- Nová Lhota – Vápenky, stream valley N of Mechnáč hill, under *Fagus sylvatica*, 31 Aug. 2005 not. DD.

***Cortinarius splendens* Rob. Henry subsp. *splendens* (DD)**

- Sidonie, Sidonie NR, on soil under *Fagus sylvatica*, 14 Oct. 2008 leg. VA, det. HD (herb. HD).

***Cortinarius uliginosus* Berk. (VU)**

- Hrubá Vrbka, site known as Vadovská, under *Salix* sp., 12 Sept. 2007 not. HD.

***Cystolepiota bucknallii* (Berk. et Broome) Singer et Cléménçon (EN)**

- Suchov, Búrová NNM, on soil under *Crataegus* sp., *Fraxinus* sp., 10 Oct. 2007 leg. et det. HD (herb. HD).

***Creolophus cirratus* (Pers.: Fr.) P. Karst. (NT)**

- Javorník, Machová NR, Rybnický potok valley buffer zone, apparently terrestrial in grass, 30 Aug. 2003 leg. B. Duží, not. JWJ.
- Strání, Javořina NNR, on fallen trunk of *Fagus sylvatica*, 14 June 2003 leg. et det. L. Tmej (BRNU). – Ibid., on stump of *Fagus sylvatica*, 14 June 2003 leg. R. Létal, det. DD (BRNU).
- Žitková, part known as Pitínské paseky, hedge, on *Fagus sylvatica* stump, 8 July 2007 not. JWJ.

***Crepidotus crocophyllus* (Berk.) Sacc. (CR)**

- Louka, Háj u Louky NR, in *Querceto-Carpinetum*, on fallen trunk of broadleaved tree, 30 June 2007 leg. Z. Vávrová, det. DD (BRNU).

Very interesting find of this rare species, to date known only from alluvial forests in southern Moravia. For more detailed information, see ANTONÍN & DVOŘÁK (2010).

***Cyathus stercoreus* (Schwein.) De Toni (EN)**

- Březová, Cestiska NM, among hare droppings on scorched soil, 10 April 1999 not. JWJ and AV.

***Dermoloma cuneifolium* (Fr.: Fr.) Bon (EN)**

- Suchov, Porážky NNR, on soil in grass, 9 Nov. 2007 leg. IJ and K. Devánová, det. VA (BRNM).
- Horní Němčí, Drahy NR, on soil in grass, 9 Nov. 2007 leg. IJ and K. Devánová, not. VA.
- Javorník, Jazevčí NNR, on soil, under *Carpinus betulus*, *Tilia* sp., *Quercus petraea* and *Crataegus* sp., 7 Oct. 1993 not. JWJ.
- Strání, Bahulské jamy NM, on soil in grass, 9 Nov. 2007 leg. IJ and K. Devánová, not. VA.

***Dermoloma cuneifolium* var. *punctipes* Arnolds (EN)**

- Suchov, Búrová NNM, on soil in grass under *Quercus robur*, 10 Nov. 2007 leg. et det. VA (BRNM).

Dermoloma josserandii Dennis et P.D. Orton (CR)

- Suchov, Búrová NNM, on soil in grass, 20 Sept. 2006 leg. et det. AV (BRNM). – Ibid., 10 Nov. 2007 leg. et det. VA (BRNM).

A very rare species known from five localities (one in Bohemia, four in Moravia) (ANTONÍN 2006a). In the Búrová NNM it regularly fructifies in both mown and unmown grasslands.

Dichomitus campestris (Quél.) Domański et Orlicz (NT)

- Nedašov, Hrušovka stream valley, on dead trunk of *Corylus avellana*, 18 Aug. 2009 leg. et det. HD (herb. HD).
- Nedašov, Kaňoury NM, on dead trunk of *Corylus avellana*, 5 Sept. 2009 leg. et det. AV (BRNM).

Entoloma bloxamii (Berk. et Broome) Sacc. (?EX) (Pl. 2: 3)

- Javorník, Machová NR, southern part, in grassy wood fringe, 6 Oct. 2007 not. JWJ.
- Suchov, Kazivec stream valley below Lipinka hill, grassland, 16 Oct. 2007 leg. IJ, not. JWJ.

According to HOLEC (2006b), no recent locality for this species is known from the Czech Republic. However, it was collected in a garden in the village of Poříčany in 1983 (SMOTLACHA 1984). Therefore, these collections may represent the first records for 24 years.

Entoloma incanum (Fr.) Hesler (EN)

- Velká nad Veličkou, Zahrady pod Hájem NNR, southern part, on soil in grass, 28 Aug. 2005 not. JWJ.
- Horní Němčí, Drahy NR, grassland, 16 Sept. 2007 not. JWJ.
- Strání, Hrnčárky NM, in grassland under *Quercus* sp. and *Corylus avellana*, 2 Sept. 2005 not. DD.
- Komňa, Lom Rasová NM, dried-out pool with algae, 13 May 2004 leg. IJ, not. JWJ.

Entoloma porphyrophaeum (Fr.) P. Karst. (NT)

- Javorník, Jazevčí NNR, on soil in grass, 7 Oct. 1993 not. JWJ.
- Strání-Květná, S of the village, grassland, 16 Oct. 1988 not. JWJ.
- Lopeník, Gruň NM, grassland, 14 Sept. 1993 not. JWJ. – Ibid., 15 Oct. 1994 not. JWJ. – Ibid., 14 Sept. 1993 not. JWJ. – Ibid., 18 Oct. 1995 not. JWJ.
- Vyškovec, Ve Vlčí NR, grassland, 14 Sept. 1993 not. JWJ. – Ibid., 30 Sept. 2007 leg. IJ, not. JWJ.
- Žitková, Hutě NR, species-rich grassland, 10 Oct. 1998 not. JWJ.
- Žitková, part known as Pítínské paseky, grassland, 11 Sept. 1993 not. JWJ. – Ibid., orchard, 12 Sept. 1993 not. JWJ. – Ibid., in grass near *Betula pendula*, 13 Oct. 1995 not. JWJ.
- Vrbětice-Vlachovice, E side of main road, pasture edged by spruce forest, in moss, 6 Nov. 1998 not. JWJ.

Exidia cartilaginea S. Lundell et Neuhoff (NT)

- Kněždub, Čertoryje NNR, on dead twig of *Tilia* sp., 13 Oct. 2004 leg. et det. HD (herb. HD).
- Bylnice, Lazy, beech forest, on dead twig of *Tilia* sp., 11 Feb. 2001 leg. K. Vincencová, det. F. Kotlaba (PRM).

***Exidia thuretiana* (Lév.) Fr. (CR)**

- Kněždub, Čertoryje NNR, Járkovec stream valley, on fallen branch of *Tilia* sp., 27 Oct. 2000 leg. et det. HD (herb. HD).

An ecologically very interesting collection, as *E. thuretiana* is considered a species of natural forests (HOLEC 2006c). This record, however, originates from a rather warm, dry and anthropogenically-influenced site. *Tilia* is an unusual substrate for this fungus.

***Faerberia carbonaria* (Alb. et Schwein.) Pouzar (EN)**

- Kněždub, Čertoryje NNR, on burnt soil, 24 May 1994 not. JWJ. – Ibid., 27 Oct. 2000 not. VA and AV. – Ibid., 22 June 2001 leg. et det. VA (BRNM).
- Javorník, Jazevčí NNR, on scorched soil, 15 June 1991 leg. P. Waanders, not. JWJ. – Ibid., 14 Oct. 2004 leg. et det. VA (BRNM).
- Slavkov, Porážky NNR, on scorched soil, 4 Nov. 2004 not. VA.

***Flammulaster granulatus* (J.E. Lange) Watling (DD)**

- Nová Lhota – Vápenky, in detritus under *Fagus sylvatica*, 31 Aug. 2005 leg. et det. DD (BRNU).

***Flammulaster muricatus* (Fr.: Fr.) Watling (EN)**

- Slavkov, Slavkovský háj forest, 24 July 1996 leg. et det. AV (BRNM).

***Flammulina ononidis* Arnolds (CR)**

- Velká nad Veličkou, Zahrady pod Hájem NNR, along path, on roots of *Ononis spinosa*, 28 Dec. 1988 leg. et det. JWJ (L).

A species associated with *Ononis spinosa* in thermophilous open stands. It has been found at 11 localities in the Czech Republic (ANTONÍN, not published). The locality published here represents the only one in Moravia.

***Geastrum berkeleyi* Masee (CR) (Fig. 1)**

- Hrubá Vrbka, c. 2 km NNW of the village, young *Fraxinus excelsior* forest, 29 March 2008 leg. et det. DD, confirm. Z. Pouzar (BRNU)
- Petrůvka, U Petrůvky NM, shaded hollow path, on bare soil, 25 Sept. 2007 leg. IJ, not. JWJ.

A very rare thermophilous species. The published collections represent the first two recent records in Moravia (KOTLABA *et al.* 2006). For more detailed information, see ANTONÍN & DVOŘÁK (2010).

***Grifola frondosa* (Dicks.: Fr.) Gray (NT)**

- Malá Vrbka, W of the village, broadleaved forest, 20 Sept. 2009 leg. Stružková, not. JWJ.
- Sv. Štěpán, Chladný vrch NM, beech forest, on stump of *Fagus sylvatica*, 2 Sept. 1994 not. JWJ.

***Gyrodon lividus* (Bull.: Fr.) Sacc. (VU)**

- Kněždub, near Lučina reservoir, under *Alnus glutinosa*, 31 Aug. 2006 leg. et det. DD (BRNU).
- Kněždub, Čertoryje NNR, Járkovec stream valley, on soil under *Alnus glutinosa*, 16 Aug. 2000 leg. et det. AV (BRNM). – Ibid., 29 July 2004 not. VA and DD (BRNU).

Red-listed macromycetes in the Bílé Karpaty Mts.

- Javorník, Filipovské údolí valley, Hotel Karpaty, bank of Hrubý potok Stream, 21 July 2001 not. JWJ.
- Suchov, SE of the village, Kazivec stream valley, predominantly coniferous forest (*Pinus sylvestris*, *Picea abies*), 28 July 2000 leg. IJ, not. JWJ.
- Horní Němčí, Drahy NR, in terrain depression, among *Alnus* spp. and *Salix* spp., 15 Oct. 1994 not. JWJ.
- Strání, Hrnčárky NM, below spring fen, 10 Sept. 1998, not. JWJ. – Ibid., cleared *Alnus* stand, 22 July 2004 leg. IJ, not. JWJ. – Ibid., wet place in grassland, under *Alnus glutinosa*, 2 Sept. 2005 leg. et det. DD (BRNU).
- Bylnice, near Lazy NR, moist place under *Alnus glutinosa*, 2 Sept. 1994 not. JWJ. – Ibid., *Querceto-Carpinetum*, 30 Sept. 1995 leg. J. Spáčilová, not. JWJ.

Hydnellum suaveolens (Scop.: Fr.) P. Karst. (CR)

- Suchov – Horácké Mlýny, under *Picea abies*, 12 Aug. 1954 leg. et det. K. Kříž (BRNM).

A very rare species without recent localities in Moravia (HROUDA 2006). The habitat in the locality in the White Carpathians has changed profoundly and the species is therefore not expected to occur here any longer.

Hygrocybe calyptriformis (Berk. et Broome) Fayod (CR)

- Valašské Klobouky, Javorůvky NR, mossy grassland, 9 Nov. 2000 leg. IJ and Z. Miklas, det. JWJ (herb. JWJ).

At the time of collection, this was the first recent Moravian record of this species. Since then, it has also been found near Velké Karlovice (DECKEROVÁ 2006a).

Hygrocybe cantharellus (Schwein.) Murrill (DD) (Pl. 1: 6)

- Javorník, Jazevčí NNR, grassy wood fringe, 29 Sept. 1996 not. JWJ.
- Strání, Javořina NNR, on soil in grass, 9 Oct. 2007 leg. et det. VA (BRNM).
- Lopeník, U zvonice NM, grassland, 13 Sept. 2007 leg. IJ, not. JWJ.
- Vyškovec, Pod Hřibovňou NM, grassland, 7 Aug. 2008 leg. IJ, not. JWJ.
- Vyškovec, Ve Vlčí NR, shrubby grassland, 30 Sept. 2007 leg. IJ, not. JWJ.
- Žitková, Hutě NR, grassland with solitary trees, 28 Sept. 2001 not. JWJ.
- Valašské Klobouky, Javorůvky NR, *Nardetum* grassland, 7 Oct. 1997 leg. IJ, not. JWJ. – Ibid., grassland and wood fringe, 29 Sept. 2007 not. JWJ.
- Nedašov, Pod Cigánem NM, 25 Sept. 2007 leg. IJ, not. JWJ.

Hygrocybe ceracea (Fr.: Fr.) P. Kumm. (DD) (Pl. 2: 5)

- Radějov, Kútky NR, meadow below pond, 29 Sept. 1995 not. JWJ. – Ibid., grassland, 12 Oct. 2001 not. JWJ.
- Javorník, Machová NR, grassland above Vrbovce railway station, 17 Oct. 2008 leg. IJ, not. JWJ.
- Javorník, Filipovské údolí valley, pasture with *Larix decidua* and *Picea abies* trees, 8 Nov. 1992 not. JWJ.
- Suchov, Búrová NNM, on soil in grass, 10 Oct. 2007 leg. et det. AV (BRNM).
- Suchov, S of the village, Podhradské louky, grassland, 3 Nov. 2008 leg. K. Devánová, not. JWJ.
- Suchov, Přední louky, on soil in grass, 26 Oct. 2000 not. VA and AV.
- Nová Lhota, Porážky NNR, edge of marshy spot with *Populus tremula* and *Betula pendula*, 21 Sept. 1997 not. JWJ.
- Strání, Javořina NNR, on soil in grass, 13 Sept. 2007 leg. et det. HD and VA (herb. HD). – Ibid., 9 Oct. 2007 leg. et det. AV (BRNM).
- Lopeník, below Mt. Velký Lopeník, enclosure in woodland, scrubby pasture, 11 Oct. 2001 leg. IJ, not. JWJ.

- Lopeník, Gruň NM, grassland, 15 Oct. 1994 not. JWJ.
- Lopeník, U zvonice NM, grassland, 13 Sept. 2007 leg. IJ, not. JWJ.
- Vyškovec, Ve Vlčí NR, scrubby grassland, 30 Sept. 2007 leg. IJ, not. JWJ.
- Starý Hrozenkov, site known as Holbová, grassland with *Orchis morio*, 26 Sept. 1989 leg. IJ, not. JWJ.
- Žitková, part known as Pitínské paseky, orchard, in wood fringe, 8 Aug. 2002 not. JWJ.
- Bylnice, Lazy NR, grassland, 21 Sept. 1995 not. JWJ.
- Valašské Klobouky, Javorůvky NR, grassland and wood fringe, 29 Sept. 2007 not. JWJ

***Hygrocybe chlorophana* (Fr.: Fr.) Wünsche (NT) (Pl. 2: 4)**

[Syn. *H. flavescens* ss. auct. eur.]

- Radějov, Kútky NR, grassland, 9 June 2006 leg. IJ, not. JWJ. – Ibid., buffer zone below the road, grassland, 12 Oct. 2001 not. JWJ.
- Kněždub, site known as Skleněný vrch, orchard, 18 Oct. 2007 leg. IJ, not. JWJ.
- Kněždub, Čertoryje NNR, Járkovec stream valley, 12 Oct. 2007 leg. IJ, not. JWJ.
- Velká nad Veličkou, Zahrady pod Hájem NNR, grassland, 9 Oct. 1998 leg. IJ, not. JWJ.
- Javorník, Machová NR, NE of Vrbovce railway station, grassland, 15 Sept. 1996 leg. IJ, not. JWJ. – Ibid., 29 Oct. 2007 leg. K. Devánová, not. JWJ.
- Javorník, Jazevčí NNR, grassland, 29 Sept. 1996 not. JWJ. – Ibid., 24 June 2004 leg. IJ, not. JWJ. – Ibid., 15 Sept. 2007 not. JWJ.
- Suchov, Búrová NNM, on soil in grass, 10 Oct. 2007 not. VA.
- Nová Lhota, Porážky NNR, in tall grass, 14 Oct. 1995 leg. J. Spáčilová, not. JWJ. – Ibid., 19 Oct. 1995 leg. P. Janás, not. JWJ. – Ibid., 4 November 2004 not. HD. – Ibid., on soil in grass, 9 Oct. 2007 leg. IJ and K. Devánová, not. VA.
- Horní Němčí, Drahy NR, grassland, 16 Sept. 2007 not. JWJ.
- Korytná, Nové louky NM, grassland, 16 Oct. 1998 leg. IJ, not. JWJ.
- Strání, Za lesem NM, on soil in grass, 9 Oct. 2007 leg. IJ and K. Devánová, not. VA.
- Strání, Javořina NNR, on soil in grass, 9 Oct. 2007 leg. et det. VA and AV (BRNM).
- Strání, Záhumenice NM, grassland with hedges, 22 July 2008 leg. IJ, not. JWJ.
- Lopeník, Gruň NM, grassland, 14 Sept. 1993 not. JWJ. – Ibid., 15 Oct. 1994 not. JWJ.
- Lopeník, U zvonice NM, grassland, 18 Oct. 1995 not. JWJ. – Ibid., 13 Sept. 2007 leg. IJ, not. JWJ.
- Lopeník, area of Lopenické sedlo, pasture, 21 Oct. 2008 leg. IJ, not. JWJ.
- Vyškovec, Pod Hřibovňou NM, grassland, 29 Sept. 1998 leg. IJ, not. JWJ. – Ibid., 13 Sept. 2007 leg. IJ, not. JWJ.
- Vyškovec, Ve Vlčí NR, shrubby grassland, 7 Sept. 2006 leg. IJ, not. JWJ. – Ibid., 30 Sept. 2007 leg. IJ, not. JWJ. – Ibid., 7 Oct. 2007 leg. IJ, not. JWJ.
- Žitková, Hutě NR, grassland, 10 Oct. 1998 not. JWJ. – Ibid., 23 Nov. 2000 not. JWJ. – Ibid., 11 Oct. 2007 leg. K. Devánová, not. JWJ.
- Žitková, part known as Pitínské paseky, in grassy path verge, 14 July 1996 not. JWJ. – Ibid., grassland, 10 Oct. 1998 not. JWJ.
- Sv. Štěpán, former quarry, in short turf, 21 Oct. 1987 not. JWJ.
- Valašské Klobouky, Javorůvky NR, *Nardetum* grassland, 7 Oct. 1997 leg. IJ, not. JWJ. – Ibid., mossy grassland, 9 Nov. 2000 leg. IJ, not. JWJ. – Ibid., grassland and wood fringe, 29 Sept. 2007 not. JWJ.
- Návojná, Pod horou, grassland, 1 July 1993 not. JWJ.
- Nedašov, Pod Cigánem NM, grassland, 25 Sept. 2007 leg. IJ, not. JWJ.

***Hygrocybe coccinea* (Schaeff.: Fr.) P. Kumm. (EN) (Pl. 3: 1)**

- Kněždub, Čertoryje NNR, southern part, 9 Oct. 1998 leg. IJ, not. JWJ.
- Javorník, Jazevčí NNR, moist grassland, 8 Oct. 1993 not. JWJ. – Ibid., grassland, 11 Oct. 1994 not. JWJ.

Red-listed macromycetes in the Bílé Karpaty Mts.

- Javorník, Machová NR, grassland, 29 Oct. 2007 leg. K. Devánová, not. JWJ. – Ibid., grassland above Vrbovce railway station, 17 Oct. 2008 leg. IJ, not. JWJ.
- Suchov, Búrová NNM, grassland, 17 Oct. 1998 not. JWJ.
- Nová Lhota, site known as Pod Končiny, in grass, 3 Nov. 2008 leg. K. Devánová, not. JWJ.
- Suchov, Kazivec stream valley under Lipinka hill, 5 Oct. 2006 leg. IJ, not. JWJ.
- Nová Lhota, Porážky NNR, in tall grass, 14 Oct. 1995 leg. J. Spáčilová, not. JWJ. – Ibid. 9 Oct. 2007, JWJ.
- Slavkov, Dolnoněmčanské louky NR, grassland, 4 Nov. 1998 leg. IJ, not. JWJ.
- Korytná, Nové louky NM, grassland, 16 Oct. 1998 leg. IJ, not. JWJ.
- Březová, Dubiny NM, grassland, 1 Nov. 2007 leg. M. Kovaříková, not. JWJ.
- Lopeník, U zvonice NM, grassland, 15 Oct. 1994 not. JWJ.
- Vyškovec, Pod Hribovňou NM, grassland, 29 Sept. 1998 leg. IJ, not. JWJ. – Ibid., 10 Oct. 1998 not. JWJ.
- Žitková, Hutě NR, grassland, 10 Oct. 1998 not. JWJ. – Ibid., 10 Nov. 2000 leg. IJ, not. JWJ.
- Žitková, part known as Pitínské paseky, fertilized meadow, 3 Aug. 1991 not. JWJ.
- Bylnice, Bylnička stream valley, 7 Oct. 1997 leg. IJ, not. JWJ.
- Nedašov, Jasenec, grassland, 3 Oct. 2006 leg. IJ, not. JWJ.
- Nedašov, Hrušovka stream valley, site known as Javor, meadow, 1 Oct. 2009 leg. V. Ondrová, not. JWJ.

Hygrocybe colemanniana (A. Bloxam) P.D. Orton et Watling (CR)

- Strání, Javořina NNR, on soil in grass, 9 Oct. 2007 leg. et det. VA (BRNM).

The first recent locality in Moravia (DECKEROVÁ 2006b).

Hygrocybe fornicata (Fr.) Singer (CR)

- Strání, Javořina NNR, on soil in grass, 13 Sept. 2007 leg. et det. VA (BRNM). – Ibid., 9 Oct. 2007 leg. et det. VA (BRNM).

This species is recently known from four localities in the Czech Republic (DECKEROVÁ 2006c), but only one record is from Moravia (ANTONÍN & VÁGNER 2009).

Hygrocybe glutinipes (J.E. Lange) R. Haller Aar. (DD)

- Javorník, Machová NR, grassland above Vrbovce railway station, 17 Oct. 2008 leg. IJ, not. JWJ.
- Javorník, Jazevčí NNR, on soil in grass, 9 Oct. 2007 leg. IJ and K. Devánová, not. HD.
- Suchov, Búrová NNM, on soil in grass, 10 Oct. 2007 leg. VA, not. HD.

Hygrocybe insipida (J.E. Lange) M.M. Moser (DD)

- Kněždub, Čertoryje NNR, Járkovec stream valley, grassland, 12 Oct. 2007 leg. IJ, not. JWJ.
- Javorník, Machová NR, southern part, grassland, 6 Oct. 2007 not. JWJ. – Ibid., buffer zone in Rybnický potok valley, grassland, 3 Nov. 2008 leg. K. Devánová, not. JWJ.
- Suchov, Búrová NNM, grassland, 17 Oct. 1998 not. JWJ.
- Vyškovec, Ve Vlčí NR, shrubby grassland, 30 Sept. 2007 leg. IJ, not. JWJ.
- Valašské Klobouky, Javorůvky NR, mossy grassland, 9 Nov. 2000 leg. IJ, not. JWJ.

Hygrocybe intermedia (Pass.) Fayod (CR)

- Radějov, Čertův mlýn recreation centre, lawn, 21 June 1997 leg. et det. I. Kautmanová (BRA).
- Javorník, Jazevčí NNR, ski slope, grassland, 9 July 2009 leg. IJ, not. JWJ.
- Strání, Záhumenice NM, grassland, 22 July 2008 leg. IJ, not. JWJ.

According to the Red List (DECKEROVÁ 2006d), the localities published here represent three of the four known recent finds in Moravia.

***Hygrocybe irrigata* (Pers.: Fr.) Bon (EN)**

[Syn. *H. unguinosa* (Fr.) P. Karst.]

- Javorník, Machová NR, SE of Vrbovce railway station, grassland, 15 Sept. 1996 leg. IJ, not. JWJ.
- Javorník, Jazevčí NNR, moist grassland, 8 Oct. 1993 not. JWJ.
- Nová Lhota, Porážky NNR, on soil in grass, 14 Oct. 1995 leg. J. Spáčilová, not. JWJ.
- Strání, Javořina NNR, on soil in grass, 21 Sept. 2006 leg. et det. VA (BRNM).
- Strání, Záhumenice NM, grassland, 22 July 2008 leg. IJ, not. JWJ.
- Vyškovec, Pod Hřibovňou NM, grassland, 10 Aug. 2000 not. JWJ.
- Žitková, Hutě NR, on soil in grass, 15 Oct. 1996 leg. J. Spáčilová, det. AV (BRNM).

***Hygrocybe laeta* (Pers.: Fr.) P. Kumm. (CR)**

- Strání, Javořina NNR, on soil in grass, 13 Sept. 2007 not. VA. – Ibid., 9 Oct. 2007 leg. et det. VA and AV (BRNM).
- Vyškovec, Ve Vlčí NR, shrubby grassland, 30 Sept. 2007 leg. IJ, not. JWJ.
- Nedašov, Pod Cigánem NM, grassland, 25 Sept. 2007 leg. IJ, not. JWJ.

According to DECKEROVÁ (2006e), this species has only five recent localities in the Czech Republic. However, it does not appear particularly rare in the White Carpathians.

***Hygrocybe ovina* (Bull.: Fr.) Kühner (CR)**

- Kněždub, Čertoryje NNR, slope above Járkovec stream valley, on soil in grass under *Quercus robur*, *Rosa* sp. and *Pyrus* sp., 3 Oct. 1996 leg. et det. AV and L. Jankovský (BRNM).
- Nedašov, Pod Cigánem NM, grassland, 25 Sept. 2007 leg. IJ, not. JWJ.

The collections published here are the only two in the Czech Republic.

***Hygrocybe parvula* (Peck) Murrill (DD) s. Bon**

- Suchov, Porážky NNR, on soil in grass, 4 Nov. 2004 leg. et det. AV (BRNM).

Our collection consists of a fungus with a dry pileus, which is cinnabar when moist, yellow when dry, yellow decurrent lamellae, a dry stipe, which is pale cinnabar at apex, yellowish to yellow at base, and (broadly) ellipsoid, only sometimes slightly constricted, basidiospores. According to BOERTMANN (1995), *H. parvula* in the sense of Moser represents *H. ceracea*, in the sense of Hallgrímsson it is *H. constrictospora*. However, this collection does not fit either taxa. It agrees well with *H. parvula* s. BON (1990).

***Hygrocybe pratensis* (Pers.: Fr.) Murrill (NT)**

- Radějov, Kútky NR, grassland, 19 Oct. 2007 leg. IJ, not. JWJ.
- Kněždub, Šumárník hill, in margin of broadleaved forest, 21 Aug. 2008 leg. et det. Z. Vávrová, rev. DD (BRNU).
- Kněždub, Čertoryje NNR, south-eastern part, grassland, 25 Oct. 1989 not. JWJ. – Ibid., slope above Járkovec stream valley, on soil in grass under *Quercus robur*, *Rosa* sp. and *Pyrus* sp., 3 Oct. 1996 not. AV and L. Jankovský. – Ibid., slope above Járkovec stream valley, 15 Oct. 1997 leg. IJ, not. JWJ. – Ibid., southern part, 9 Oct. 1998 leg. IJ, not. JWJ. – Ibid., northern part, 15 Nov. 1998 leg. IJ, not. JWJ. – Ibid., northern part, 6 Nov. 2002 leg. IJ, not. JWJ. – Ibid., northern part, 23 Oct. 2008 leg. IJ, not. JWJ.

Red-listed macromycetes in the Bílé Karpaty Mts.

- Javorník, Machová NR, southern part, grassland, 6 Oct. 2007 not. JWJ. – Ibid., 29 Oct. 2007 leg. K. Devánová, not. JWJ. – Ibid., western part above Vrbovce railway station, 17 Oct. 2008 leg. IJ, not. JWJ.
- Javorník, Jazevčí NNR, moist grassland, 8 Oct. 1993 not. JWJ. – Ibid., meadow above group of beehives, 12 Oct. 1995 leg. IJ, not. JWJ. – Ibid., grassland, 29 Sept. 1996 not. JWJ. – Ibid., on soil in grass, 4 Oct. 1996 leg. et det. AV and L. Jankovský (BRNM). – Ibid., north-eastern end, 3 Oct. 1998 leg. J. Rydlo and J. Rydlová, not. JWJ. – Ibid., ski slope, grassland, 25 Oct. 2005 leg. IJ, not. JWJ.
- Suchov, Búrová NNM, grassland, 17 Oct. 1998 not. JWJ. – Ibid., on soil in grass, 10 Oct. 2007 leg. et det. VA (BRNM).
- Suchov, SE of the village, sheep pasture, 5 Nov. 1989 not. JWJ. – Ibid., 28 Oct. 1997 leg. IJ, not. JWJ.
- Suchov – Suchovské Mlýny, W of the main road, pasture, 26 Oct. 2004 leg. J. Mládek, not. JWJ.
- Suchov, Suchovská doubrava, 12 Sept. 1996 leg. M. Lopata, not. JWJ. – Ibid., grassland, 17 Oct. 1998 not. JWJ. – Ibid., mown meadow, 17 Nov. 2000 leg. M. Lopata, not. JWJ.
- Suchov, Kazivec stream valley, in grass, 28 July 2000 leg. IJ, not. JWJ.
- Nová Lhota, Porážky NNR, grassland, 19 Oct. 1993 leg. IJ, not. JWJ. – Ibid., on soil in grass, 26 Oct. 2000 leg. et det. VA (BRNM). – Ibid., 4 Nov. 2004 leg. et det. VA (BRNM).
- Korytná, Nové louky NM, grassland, 16 Oct. 1998 leg. IJ, not. JWJ.
- Strání, Javořina NNR, on soil in grass, 9 Oct. 2007 leg. et det. AV (BRNM).
- Strání, Záhumenice NM, grassland, 30 Oct. 2008 leg. K. Devánová, not. JWJ.
- Strání, Nová hora NR, grassland, 7 Nov. 2002 leg. IJ, not. JWJ.
- Březová, Dubiny NM, grassland, 1 Nov. 2007 leg. M. Kovaříková, not. JWJ.
- Lopeník, Gruň NM, grassland, 15 Oct. 1994 not. JWJ.
- Vyškovec, Pod Hřibovňou NM, grassland, 10 Oct. 1998 not. JWJ.
- Vyškovec, Ve Vlčí NR, grassland, 30 Sept. 2007 leg. IJ, not. JWJ.
- Žitková, Hutě NR, grassland, 10 Oct. 1998 not. JWJ. – Ibid., 10 Nov. 2000 leg. IJ, not. JWJ. – Ibid., 23 Nov. 2000 not. JWJ.
- Žitková, part known as Pitínské paseky, grassland, 10 Oct. 1998 not. JWJ.
- Valašské Klobouky, Javorůvky NR, mossy grassland, 9 Nov. 2000 leg. IJ, not. JWJ. – Ibid., grassland and wood fringe, 29 Sept. 2007 not. JWJ.

***Hygrocybe punicea* (Fr.: Fr.) P. Kumm. (EN)**

- Javorník, Machová NR, grassland, 29 Oct. 2007 leg. K. Devánová, not. JWJ.
- Javorník, Jazevčí NNR, wood fringe, 29 Sept. 1996 not. JWJ. – Ibid., grassland, 25 Oct. 2005 leg. IJ, not. JWJ.
- Suchov, Búrová NNM, grassland, 17 Oct. 1998 not. JWJ.
- Suchov, SE of the village, sheep pasture, 5 Nov. 1989 not. JWJ.
- Suchov, Suchovská doubrava forest, mown meadow, 17 Nov. 2000 leg. M. Lopata, not. JWJ.
- Suchov, Kazivec stream valley, pasture, growing in “fairy ring”, 3 Nov. 2008 leg. V. Ondrová, not. JWJ.
- Slavkov, Porážky NNR, grassland, 20 Oct. 1989 leg. IJ, not. JWJ. – Ibid., 19 Oct. 1993 leg. IJ, not. JWJ. – Ibid., 19 Oct. 1995 leg. P. Janás, not. JWJ. – Ibid., on soil in grass, 4 Nov. 2004 leg. et det. VA (BRNM). – Ibid., 9 Oct. 2007 leg. IJ and K. Devánová, not. HD.
- Strání, Javořina NNR, on soil in grass, 21 Sept. 2006 leg. et det. VA (BRNM). – Ibid., 9 Oct. 2007 leg. et det. VA (BRNM).
- Žitková, Hutě NR, on soil in grass, 15 Oct. 1996 leg. J. Spáčilová, det. AV (BRNM 612371).
- Vyškovec, Pod Hřibovňou NM, grassland, 10 Oct. 1998 not. JWJ.

- Žitková, Hutě NR, grassland, 21 Oct. 1995 leg. J. Spáčilová, not. JWJ. – *Ibid.*, 10 Oct. 1998 not. JWJ. – *Ibid.*, 10 Nov. 2000 leg. IJ, not. JWJ. – *Ibid.*, 23 Nov. 2000 not. JWJ. – *Ibid.*, 28 Sept. 2001 not. JWJ.
- Nedašov, Jalovcová stráň NR, sheep pasture, 4 Nov. 2004 leg. IJ and JWJ, not. JWJ.

***Hygrocybe reidii* Kühner (CR) (Pl. 2: 6)**

- Javorník, Jazevčí NNR, on soil in grass, 9 Oct. 2007 leg. IJ and K. Devánová, not. HD.
- Suchov, Porážky NNR, on soil in grass, 9 Oct. 2007 leg. IJ and K. Devánová, not. HD.
- Strání, Bahulské jamy NM, on soil in grass, 9 Oct. 2007 leg. IJ and K. Devánová, not. VA.
- Strání, Javořina NNR, *Nardetum* grassland, 8 Sept. 2005 leg. IJ, not. JWJ. – *Ibid.*, on soil in grass, 21 Sept. 2006 leg. et det. VA (BRNM). – *Ibid.*, 9 Oct. 2007 leg. et det. AV (BRNM).

DECKEROVÁ (2006f) mentioned only two recent records from Moravia. The White Carpathians certainly constitute the richest region for this fungus in the Czech Republic.

***Hygrophorus arbustivus* Fr. (CR) (Pl. 3: 3)**

- Lipov, Háj u Lipova NM, under *Quercus* sp., 27 Oct. 2007 not. Z. Vávrová, det. DD.
- Louka, Háj u Louky NR, under *Quercus* sp., 21 Oct. 2007 leg. Z. Vávrová, det. DD (BRNU).
- Javorník, Jazevčí NNR, on soil under *Quercus petraea*, *Carpinus betulus* and *Acer campestre*, 17 Aug. 2000 leg. et det. VA, JWJ and AV (BRNM).
- Nová Lhota – Hryzlácké Mlýny, N of the settlement, scrubby area bordered by oak forest, 7 Oct. 2007 leg. JWJ, not. JWJ and AV.
- Suchov, Porážky NNR, on soil in grass on a forest margin, 4 Nov. 2004 leg. et det. AV (BRNM).

The White Carpathians probably constitute the richest area for this fungus in the Czech Republic; to date, it has not been recorded in Bohemia.

***Hygrophorus discoxanthus* (Fr.) Rea (EN)**

- Louka, Háj u Louky NR, 10 Oct. 1995 not. JWJ.

***Hygrophorus erubescens* (Fr.: Fr.) Fr. (EN)**

- Suchov, Lipinka hill, S slope, predominantly broadleaved forest (*Tilia cordata*, *Quercus robur*, *Carpinus betulus*, *Corylus avellana*, etc.), 12 July 2009 not. JWJ and AV.

***Hygrophorus persoonii* Arnolds (CR)**

- Kněždub, Šumárník hill, under broadleaved trees, 7 Oct. 2007 leg. et det. Z. Vávrová (BRNU).

DECKEROVÁ (2006g) mentions only three localities since 1990, all of them from Bohemia. The find published here may therefore represent the first recent Moravian record.

***Hygrophorus russula* (Fr.: Fr.) Quéf. (EN)**

- Kněždub, Čertoryje NNR, on soil under *Carpinus betulus*, *Quercus robur*, *Pinus sylvestris* and *Tilia cordata*, 3 Oct. 1996 not. AV and L. Jankovský.

***Hymenochaete subfuliginosa* Bourdot et Galzin (VU)**

- Velká nad Veličkou, Zahrady pod Hájem NNR, on fallen branch of broadleaved tree, 2 June 2005 leg. et det. AV (BRNM).

***Inocybe adaequata* (Britzelm.) Sacc. (EN)**

- Kněždub, Čertoryje NNR, Járkovec stream valley, on soil under *Carpinus betulus*, *Quercus* sp. and *Tilia* sp., 16 Aug. 2000 leg. et det. AV (BRNM). – Ibid., 29 July 2004 leg. et det. DD (BRNU).
- Hrubá Vrbka, below Kobyla hill, beech wood with *Quercus* spp., 17 July 2004 not. JWJ.
- Sv. Štěpán, Chladný vrch NM, on soil under *Fagus sylvatica*, 15 Aug. 2008 leg. et det. VA (BRNM).

***Inocybe corydalina* Qué. (NT)**

- Kněždub, Čertoryje NNR, Radějovka stream valley, on soil under *Tilia cordata*, 29 July 2004 leg. et det. VA and DD (BRNM). – Ibid., alluvium of Járkovec stream, on soil under *Crataegus* sp. and *Tilia* sp., 16 Aug. 2000 leg. et det. VA and AV (BRNM). – Ibid., northern part of the reserve, in grassland under solitary *Quercus* sp., 31 Aug. 2006 leg. et det. DD (BRNU).
- Javorník, Jazevčí NNR, on soil under *Carpinus betulus*, 17 Aug. 2000 leg. et det. AV (BRNM). – Ibid., on soil under *Carpinus betulus*, *Cornus mas* and *Corylus avellana*, 28 July 2004 leg. et det. VA, DD and JWJ (BRNU).
- Nová Lhota – Vápenky, c. 0.5 km SE of the village, Velička stream valley, under *Fagus sylvatica*, 31 Aug. 2005 not. DD. – Ibid., stream valley N of Mechnáč hill, under *Fagus sylvatica*, 31 Aug. 2005 not. DD.
- Valašské Klobouky, Bílé potoky NR, on soil under *Fagus sylvatica*, *Carpinus betulus* and *Corylus avellana*, 18 Sept. 1994 leg. et det. VA (BRNM).

***Inocybe fraudans* (Britzelm.) Sacc. (VU)**

- Kněždub, Čertoryje NNR, Járkovec stream valley, on soil under *Carpinus betulus*, *Quercus* sp., *Prunus padus* and *Tilia* sp., 16 Aug. 2000 leg. et det. AV (BRNM). – Ibid., on soil under *Alnus glutinosa*, *Corylus avellana* and *Quercus robur*, 29 July 2004 not. VA and DD.
- Velká nad Veličkou, Zahrady pod Hájem NNR, on soil under *Carpinus betulus* and *Tilia cordata*, 27 July 2005 leg. et det. HD (BRNM).
- Javorník, Jazevčí NNR, on soil under *Tilia* sp., *Carpinus betulus*, *Cornus mas* and *Corylus avellana*, 28 July 2004 leg. et det. VA, DD and JWJ (BRNU).
- Nová Lhota – Vápenky, stream valley N of Mechnáč hill, under *Fagus sylvatica*, 31 Aug. 2005 not. DD.
- Strání, Hrnčárky NM, in bush, under *Corylus avellana*, 2 Sept. 2005 not. DD.

***Irpex lacteus* (Fr.: Fr.) Fr. (EN)**

- Javorník, Filipovské údolí valley, near road junction c. 1 km SW of Klokočnick hill, on lying twigs of *Fagus sylvatica*, 4 Apr. 2009 leg. et det. DD (BRNU).

***Junghuhnia separabilima* (Pouzar) Ryvarden (NT)**

- Velká nad Veličkou, Zahrady pod Hájem NNR, fallen twig of broadleaved tree, 7 Sept. 2005 leg. et det. AV (BRNM).

***Lactarius acris* (Bolton: Fr.) Gray (EN)**

- Suchov, Búrová NNM, on soil under *Quercus robur*, 21 June 2007 leg. et det. VA (BRNM).

***Lactarius badiosanguineus* Kühner et Romagn. (EN)**

- Velká nad Veličkou, 22 Sept. 1957 leg. M. Šmardová, det. Z. Schaeffer (BRNM).

***Lactarius evosmus* Kühner et Romagn. (CR)**

- Javorník, Jazevčí NNR, ski slope, in grass, under *Carpinus betulus*, *Populus tremula*, *Tilia* sp. and *Quercus* sp., 9 Oct. 2004 leg. J. Habart, det. AV (BRNM). – Ibid., wood fringe, 15 Sept. 2007 not. JWJ.
- Suchov – Suchovský Mlýny, W of the settlement, mixed forest, 22 July 2005 not. JWJ.
- Strání, Záhumenice NM, hedge, 22 July 2008 leg. IJ, det. JWJ.

A critically endangered taxon known from only a few localities (BERAN 2006b).

***Lactarius fluens* Boud. (DD)**

- Žitková, NE of the village centre, forest between Pod Žitkovským vrchem NR and artificial lake, 25 July 1993 not. JWJ. – Ibid., 5 Aug. 1993 not. JWJ.
- Žitková, area known as Pitínské paseky, beech forest, 25 July 1993 not. JWJ. – Ibid., mixed forest, 5 Aug. 1993 not. JWJ. – Ibid., beech forest, 27 July 1996 not. JWJ. – Ibid., beech forest, 17 Aug. 1996 not. JWJ.
- Žitková, stream valley above chapel, beech forest, 6 Aug. 1993 not. JWJ.

***Lactarius fuliginosus* (Fr.) Fr. (DD)**

- Nedašov, Hrušovka stream valley, under *Fagus sylvatica* and *Corylus avellana*, 18 Aug. 2009 leg. et det. HD (herb. HD).

***Lactarius lacunarum* (Romagn.) ex Hora (NT)**

- Javorník, 5 km SSE of the village, site known as Světlička, under *Salix cinerea*, 6 Oct. 2007 not. JWJ.

***Lactarius pterosporus* Romagn. (EN)**

- Kněždub, Čertoryje NNR, under *Tilia* sp. and *Quercus* spp., 25 Sept. 1995 not. JWJ. – Ibid., part known as Za vrchy, on soil under *Tilia* sp. and *Quercus petraea*, 16 Aug. 2000 leg. et det. VA and AV (BRNM).
- Javorník, Jazevčí NNR, wood fringe, 17 Sept. 1995 not. JWJ. – Ibid, on soil under *Carpinus betulus*, *Tilia* sp., *Crataegus* sp., *Alnus incana*, *Picea abies* and *Corylus avellana* in alluvium, 17 Aug. 2000 leg. et det. VA, JWJ and AV (BRNM). – Ibid, on soil under *Carpinus betulus* and *Quercus* sp., 28 July 2005 leg. et det. AV (BRNM).
- Sv. Štěpán, Chladný vrch NM, on soil under *Fagus sylvatica*, 15 Aug. 2008 leg. et det. VA (BRNM).
- Brumov, near railway station, on soil under *Carpinus betulus*, 18 Aug. 2009 not. HD.

***Lactarius repraesentaneus* Britzelm. (EN)**

- Lopeník, U zvonice NM, mixed wood fringe, 14 Sept. 1993 not. JWJ. – Ibid., 13 Sept. 2007 leg. IJ, not. JWJ.

***Lactarius romagnesii* Bon (DD)**

- Strání, Javořina NNR, on soil under *Fagus sylvatica* and *Acer pseudoplatanus*, 18 Aug. 2000 leg. et det. VA and AV (BRNM).

***Lactarius salmonicolor* R. Heim et Leclair (VU)**

- Valašské Klobouky, Ploštiny NR, on soil under *Abies alba*, 18 Sept. 1994 leg. et det. VA (BRNM 599084). – Ibid., under group of *Abies alba* trees, 27 Oct. 2008 leg. J. Mládek, not. JWJ.

***Lactarius sanguifluus* (Paulet) Fr. (CR)**

- Velká nad Veličkou, Zahrady pod Hájem NNR, on soil under *Carpinus betulus*, *Pinus sylvestris*, 15 Oct. 2000 leg. et det. AV (BRNM).

A mycorrhizal symbiont of two-needled *Pinus* species. It appears to have a scattered distribution in Moravia (Moravian Karst, White Carpathians, N and S of the Bohemian-Moravian Highlands, etc.).

***Lactarius semisanguifluus* R. Heim et Leclair (DD)**

- Velká nad Veličkou, Zahrady pod Hájem NNR, southern part, grasslands with hedges including *Pinus* trees, in moss and grass, 28 Aug. 2005 not. JWJ. – Ibid., 22 Sept. 2007 not. JWJ.

Already collected at this site in 2002 (BERAN 2006a).

***Lactarius zonarius* (Bull.) Fr. (VU)**

- Kněždub, near Lučina lake, *Quercus-Carpinetum*, 31. Aug. 2006 leg. et det. DD (BRNU).
- Kněždub, Čertoryje NNR, under *Quercus* trees, 14 Oct. 1995 leg. J. Spáčilová, not. JWJ. – Ibid., slope above Járkovec stream valley, on soil under *Quercus robur*, 3 Oct. 1996 not. AV and L. Jankovský. – Ibid., Járkovec stream valley, grasslands with hedges (*Quercus* spp., *Carpinus betulus*, *Tilia cordata*), 30 Sept. 2007 not. JWJ.
- Velká nad Veličkou, Zahrady pod Hájem NNR, on soil under *Corylus avellana*, *Prunus spinosa* and *Tilia* sp., 27 July 2005 leg. et det. AV (BRNM).
- Nová Lhota, Přední louky, grassland and solitary broadleaved trees, 26 Sept. 2007 leg. K. Fajmon, not. JWJ.
- Brumov, near railway station, under *Quercus* sp., *Carpinus betulus*, 18 Aug. 2009 not. HD.
- Valašské Klobouky, Ploštiny NR, on soil under *Betula pendula*, *Carpinus betulus*, *Picea abies*, 18 Sept. 1994 leg. et det. VA (BRNM).

***Leccinum crocipodium* (Letell.) Watling (VU) (Pl. 3: 2)**

- Radějov, Mandát stream valley, beech wood with *Picea abies* and *Quercus* spp., 1 Aug. 2003 not. JWJ.
- Kněždub, Čertoryje NNR, slope above Járkovec stream valley, woodland dominated by *Quercus* spp., 30 July 2002 leg. IJ, not. JWJ. – Ibid., slope above Járkovec stream valley, on soil under *Quercus* sp., 17 June 2004 leg. et det. VA (BRNM). – Ibid., Radějovka stream valley, 25 June 2004 leg. IJ, not. JWJ. – Ibid., north-western part, grassy pass between broadleaved forests, 26 Aug. 2005 leg. IJ, not. JWJ. – Ibid., slope above Járkovec stream valley, 27 Sept. 2006 leg. IJ, not. JWJ. – Ibid., north-western part, grassy pass between broadleaved forests, 30 Sept. 2007 not. JWJ.
- Javorník, Filipovské údolí valley, north-eastern slope, broadleaved woods, 13 Sept. 1994 not. JWJ.
- Suchov, Suchovská doubrava, broadleaved forest, 21 Sept. 1997 leg. M. Lopata, not. JWJ. – Ibid., 3 July 2001 leg. M. Lopata, not. JWJ.
- Suchov, Kazivec stream valley below Lipinka hill, fringe of *Quercus* forest, 29 July 2003 leg. IJ, not. JWJ.
- Suchov, Přední louky, grasslands, between oak trees, 14 June 2008 not. JWJ.
- Nová Lhota – Hryzlácké Mlýny, grassland and oak stands, 19 Aug. 2008 leg. IJ, not. JWJ. – Ibid., oak forest, 3 Sept. 2009 leg. IJ, not. JWJ. – Ibid., oak forest, 28 Aug. 2009 leg. IJ, not. JWJ.
- Slavkov, Slavkovský háj forest, on soil under *Carpinus betulus*, *Tilia* sp. and *Quercus* sp., 17 Sept. 1994 leg. et det. VA (BRNM). – Ibid., 29 July 2005 not. JWJ.

***Lepiota ignivolvata* Bousset et Joss. (EN)**

- Kněždub, Šumárník hill, under broadleaved trees, 8 July 2009 leg. et det. Z. Vávrová (BRNU).

***Lepiota oreadiformis* Velen. (EN)**

[Syn. *L. laevigata* J.E. Lange]

- Strážnice, Žerotín NM, grassland, 18 Sept. 2007 leg. IJ, not. JWJ.
- Radějov, E of the village, recreational residence area, lawn, 26 Aug. 2005 not. JWJ.
- Radějov, Kútky NR, grassland, 29 Sept. 1995 not. JWJ.
- Kněždub, Čertoryje NNR, Járkovec stream valley, grassland, under oak tree, 11 Oct. 1994 not. JWJ. – Ibid., on soil in grass, 27 Sept. 2003 leg. et det. AV (BRNM). – Ibid., fringe of oak forest, 26 Aug. 2005 leg. IJ, not. JWJ. – Ibid., mown meadow, 31 Aug. 2006 leg. et det. DD (BRNU)
- Malá Vrbka, N of the village, grassland near swimming pool, 25 Aug. 2005 not. JWJ.
- Suchov, Búrová NNM, grassland, 7 Oct. 2008 leg. IJ, not. JWJ.
- Suchov, SE of the village, sheep pasture, near *Larix decidua* tree, 15 Sept. 2007 not. JWJ.
- Nová Lhota – Hryzlácké Mlýny, pasture, 7 Oct. 2007 not. JWJ.
- Nová Lhota, below Šibenický vrch hill, pasture with *Pinus sylvestris*, *Larix decidua* and other trees, 19 Aug. 2005 not. JWJ.
- Horní Němčí, Drahy NR, grassland, 9 Sept. 2006 leg. IJ, not. JWJ. – Ibid., 25 Sept. 2008 leg. IJ, not. JWJ.
- Horní Němčí, Za lesem NM, grassland, 22 July 2008 leg. IJ, not. JWJ.
- Lopeník, Gruň NM, grassland, 14 Sept. 1993 not. JWJ.
- Žitková, area known as Pitinské paseky, orchard, in grass, 10 Sept. 1993 not. JWJ.

***Leucopaxillus lepistoides* (Maire) Singer (CR) (Pl. 3: 4)**

- Horní Němčí, Drahy NR, 5 June 2006 leg. IJ, det. JWJ and AV (herb. JWJ). – Ibid., 11 May 2008 leg. et det. JWJ (herb. JWJ).

This species is known from six localities in the Czech Republic (ANTONÍN 2006b). However, the collection published here represents the only recent one in the country.

***Lycoperdon mammiforme* Pers.: Pers. (NT)**

- Kněždub, Šumárník hill, under broadleaved trees, 8 July 2009 leg. et det. Z. Vávrová (BRNU).
- Kněždub, Čertoryje NNR, grassland, under *Tilia* sp., 25 Sept. 1995 not. JWJ. – Ibid., Járkovec stream valley, grassland, 15 July 2000 not. JWJ.
- Javorník, Filipovské údolí valley, ski slope, grassland with scattered trees, 7 Sept. 1993 not. JWJ.
- Javorník, 5 km SSE of the village, site known as Světlička, verge of forest path, 6 Oct. 2007 not. JWJ.
- Javorník, Jazevčí NNR, stream alluvium, on soil under *Carpinus betulus*, *Tilia* sp. and *Quercus* sp., 17 Aug. 2000 leg. et det. AV (BRNM).
- Nová Lhota, Porážky NNR, on soil under *Quercus robur*, 14 Oct. 1995 leg. J. Spáčilová, not. JWJ.
- Žitková, area known as Hutě, stream valley, road verge, 28 Sept. 2001 not. JWJ.

***Lyophyllum rancidum* (Fr.) Singer (NT)**

- Louka, Háj u Louky NR, in leaf litter under *Carpinus betulus*, 7 Oct. 2006 leg. Z. Vávrová, det. DD (BRNU). – Ibid., 11 Nov. 2006, 6 and 21 Oct. 2007, and 11 Oct. 2008 not. Z. Vávrová.

***Lyophyllum rhopalopodium* Cléménçon (CR)**

- Kněždub, Čertoryje NNR, Járkovec stream valley, on soil in grass under *Acer campestre*, *Carpinus betulus* and *Quercus* sp., 3 Oct. 2003 leg. et det. AV (BRNM).

A very rare fungus with two localities in the Czech Republic (ANTONÍN 2006c).

Macrolepiota konradii (Huijsman ex P.D. Orton) M.M. Moser (DD)

- Horní Němčí, Drahy NR, grassland, 15 Oct. 1994 not. JWJ. – Ibid., grassland, 16 Sept. 2007 not. JWJ. – Ibid., on soil in open grass stand, 9 Oct. 2007 leg. IJ and K. Devánová, not. VA.

Melanoleuca iris Kühner (DD)

- Lopeník, U zvonice NM, grassland, 10 July 1997 leg. IJ, not. JWJ.

Marasmiellus tricolor (Alb. et Schwein.) Singer var. ***graminis*** (Murrill) Singer (EN)

- Kněždub, margin of Kněždubský háj forest, on bare soil on pasture, 22 June 1997 leg. et det. VA (BRNM).
- Komňa, on soil in grass c. 1 km SE of the village, 31 July 1987 leg. et det. VA (BRNM).

Melanophyllum haematospermum (Bull.: Fr.) Kreisel (NT)

[Syn. *Melanophyllum echinatum* (Fr.: Fr.) Singer]

- Kněždub, Čertoryje NNR, Járkovec stream valley, on detritus of *Fraxinus excelsior* and *Crataegus* sp., 29 July 2004 not. VA and DD.

Mutinus caninus (Huds.: Pers.) Fr. (NT)

- Radějov, Mandát stream valley, spruce forest with scattered broadleaved trees, around stump of *Picea abies*, 18 July 2002 not. JWJ.
- Velká nad Veličkou, Zahrady pod Hájem NNR, on soil under *Carpinus betulus*, *Corylus avellana*, *Tilia* sp. and *Quercus* sp., 7 Sept. 2005 not. AV.
- Suchov, Bürova NNM, around *Prunus spinosa* stick, 20 Sept. 2006 not. AV.
- Strání, Javořina NNR, on soil under *Acer pseudoplatanus* and *Fraxinus excelsior*, 10 Oct. 2007 leg. et det. HD (herb. HD).
- Bzová, in ruderalized spruce forest c. 1 km SW of the village, 4 Aug. 1988 leg. et det. VA (BRNM).

Mycena diosma Krieglst. et Schwöbel (EN) (Pl. 3: 5)

- Sv. Štěpán, Chladný vrch NM, on soil under *Fagus sylvatica*, 15 Oct. 2008 leg. et det. VA (BRNM).

Mycena pseudocorticola Kühner (EN)

- Javorník, Jazevčí NNR, at Podhájský mlýn, bank of stream, trunk of living *Acer campestre*, 29 Oct. 1994 not. JWJ.
- Horní Němčí, Drahy NR, on mossy twig of living *Salix* sp., 12 Oct. 2009 not. HD.

Oligoporus subcaesius (A. David) Ryvarden et Gilb. (EN)

[Syn. *Postia subcaesia* (A. David) Jülich]

- Kněždub, Čertoryje NNR, alluvium of Járkovec stream, on *Populus tremula* stick, 16 Aug. 2000 leg. et det. AV (BRNM).
- Velká nad Veličkou, Zahrady pod Hájem NNR, on *Tilia* sp. stick, 17 Aug. 2000 not. VA and AV. – Ibid., on fallen trunk of *Corylus avellana*, 7 Sept. 2005 not. AV.
- Javorník, Jazevčí NNR, on *Alnus glutinosa* stick, 17 Aug. 2000 leg. et det. AV (BRNM). – Ibid., on lying stem of *Crataegus* sp., 28 July 2004 leg. et det. VA, DD and JWJ, confirm. P. Vampola (BRNM, BRNU).
- Strání, Javořina NNR, on dead *Fagus sylvatica* stick, 18 Aug. 2000 not. VA and AV.

***Osteina obducta* (Berk.) Donk (EN)**

- Nová Lhota – Vápenky, c. 1 km ENE of the village, exposed root of living *Larix decidua*, 31 Aug. 2005 leg. et det. DD (BRNU). – Ibid., Velička stream valley, c. 0.5 km SE of the village, on decaying stump of *Larix decidua*, 31 Aug. 2005 leg. et det. DD (BRNU).

***Panus lecomtei* (Fr.) Corner (EN)**

[Syn. *P. rudis* Fr.]

- Javorník, Jazevčí NNR, northern part, site with cut shrubs and trees, on stump of broadleaved tree, 20 May 2005 leg. JJ, not. JWJ.

***Perenniporia medulla-panis* (Jacq.: Fr.) Donk (EN)**

- Sidonie, Sidonie NR, on wood of *Quercus* sp., 9 Sept. 2007 leg. HD, det. P. Vampola (herb. HD).

***Phaeocollybia christinae* (Fr.) R. Heim (EN)**

- Nová Lhota – Vápenky, on soil in *Leucobryum* under *Fagus sylvatica*, 12 Aug. 1953 leg. F. Šmarda, det. 18 July 2001 M. Beran (BRNM).

***Phlebia centrifuga* P. Karst. (EN)**

- Sidonie, Sidonie NR, on fallen trunk of *Fagus sylvatica*, 14 Oct. 2008 leg. et det. HD (herb. HD).

***Pholiota elegans* Jacobsson (CR)**

- Strání, Javořina NNR, on soil under *Fagus sylvatica*, 15 Oct. 2004 leg. HD, det. J. Holec (PRM).
- Sv. Štěpán, Chladný vrch NM, under *Fagus sylvatica*, 15 Oct. 2008 leg. et det. HD (PRM).

Recent Czech localities of this fungus were published by HOLEC (2004).

***Pholiota jahnii* Tjall.-Beuk. et Bas (NT)**

- Kněždub, Šumárník hill, on soil under *Quercus* sp., 29 Aug. 2008 not. Z. Vávrová, det. DD.
- Horní Němčí, Uvezené NM, on soil under *Fagus sylvatica*, 23 Oct. 1994 leg. et det. HD (herb. JWJ).

***Pholiota squarrosoides* (Peck) Sacc. (EN)**

- Strání, Javořina NNR, on fallen trunk of *Fagus sylvatica*, 12 Sept. 2007 not. HD.

***Pleurotus calyptratus* (Lindbl.: Fr.) Sacc. (EN)**

- Slavkov, Porážky NNR, on small standing dead trunk of *Populus tremula*, 1 June 2005 leg. et det. VA (BRNM).

***Pleurotus eryngii* (DC.: Fr.) Quél. (CR)**

- Slavkov, Porážky NNR, on soil, 4 Nov. 2004 leg. et det. VA (BRNM).

Our collection represents the sixth locality in Moravia (ANTONÍN & BIEBEROVÁ 2005).

***Pluteus exiguus* (Pat.) Sacc. (DD)**

- Javorník, Jazevčí NNR, dead *Crataegus* sp. stick, 28 July 2004 leg. et det. DD (BRNU).

***Pluteus hispidulus* (Fr.) Gillet (VU)**

- Sidonie, Sidonie NR, on fallen trunk of *Fagus sylvatica*, 14 Oct. 2008 leg. et det. HD (herb. HD).

***Pluteus pellitus* (Pers.: Fr.) P. Kumm. (NT)**

- Strání, Javořina NNR, wood of *Fagus sylvatica*, 11 Aug. 1955 leg. et det. F. Šmarda (BRNM).

***Pluteus phlebophorus* (Ditmar: Fr.) P. Kumm. (EN)**

- Kněždub, Čertoryje NNR, in small wood with *Quercus* spp. and *Crataegus* spp., 25 Sept. 1995 not. JWJ. – Ibid., bank of Járkovec stream, 4 July 1998 not. JWJ. – Ibid., on stump of hardwood tree, 17 June 2004 leg. et det. HD (herb. HD).
- Velká nad Veličkou, Zahrady pod Hájem NNR, northern part, small, shrubby broadleaved wood, on rotten wood, 14 Oct. 1994 not. JWJ.
- Strání, Javořina NNR, on fallen wood of a hardwood tree, 24 Aug. 2006 leg. et det. HD (herb. HD).

***Pluteus podospileus* Sacc. et Cub. (EN)**

- Březová, Kalábová, under *Alnus glutinosa*, 29 July 1992 not. JWJ. – Ibid., Kalábová NM, 5 July 2000 leg. IJ, not. JWJ.
- Bylnice, below Lazy NR, *Quercus-Carpinetum*, 2 Sept. 1994 not. JWJ.

***Pluteus pseudorobertii* M.M. Moser et Stangl (DD)**

- Javorník, Filipovské údolí valley, on stump of *Fagus sylvatica*, 14 June 2003 leg. et det. HD (herb. HD).

***Pluteus thomsonii* (Berk. et Broome) Dennis (EN)**

- Sv. Štěpán, Chladný vrch NM, beech forest, 2 Sept. 1994 not. JWJ.
- Bylnice, pod Lazy NR, *Querceto-Carpinetum*, 2 Sept. 1994 not. JWJ.
- Sidonie, Okrouhlá NR, on soil in broadleaved forest (*Ulmus* sp., *Acer pseudoplatanus* and *Fagus sylvatica*), 14 Oct. 2008 leg. HD, det. VA (herb. HD).

***Pluteus umbrosus* (Pers.: Fr.) P. Kumm. (VU)**

- Strání, Javořina NNR, on fallen trunk of *Fagus sylvatica*, 10 Oct. 2007 not. VA.

***Polyporus alveolaris* (DC.) Bondartsev & Singer (EN)**

[Syn. *P. morii* (Pollini) Fr.]

- Kněždub, Šumárník hill, on stump of broadleaved tree, 23 Sept. 2007 leg. Z. Vávrová, det. DD (BRNU).
- Hroznová Lhota, Dolní kopec, along forest road, branch of broadleaved tree, 22 Nov. 2009 det. JWJ (herb. JWJ).
- Lipov, Háj u Lipova NM, on thin branch of broadleaved tree, 20 Aug. 2008 leg. Z. Vávrová, det. DD (BRNU).

***Polyporus umbellatus* (Pers.: Fr.) (VU)**

- Strážnice, Mlýnky recreation area, woodland around Sokolka cottage, 30 June 2001 leg. I. Kosíř, not. JWJ.
- Javorník, Filipovské údolí valley, between Liščí bouda and Megovka, at base of *Fagus sylvatica*, 18 July 2001 not. JWJ.

- Nová Lhota – Vápenky, saddle between Mt. Durda and Mt. Velká Javořina, broadleaved forest, at base of living *Fraxinus excelsior*, 8 July 2003 leg. et det. DD (BRNU)
- Lipová u Slavičína, 13 July 2004 leg. K. Fajmon, det. DD (BRNU).

***Pseudoclitocybe beschidica* Singer et Kuthan (DD)**

- Strání, Javořina NNR, on trunk of *Fagus sylvatica*, 12 Sept. 2007 leg. et det. HD (herb. HD).

***Ramaria aurea* (Schaeff.: Fr.) Quél. (DD)**

- Kněždub, Čertoryje NNR, slope above Járkovec stream valley, on soil under *Quercus robur*, 3 Oct. 1996 not. AV and L. Jankovský.

***Ramaria fennica* (P. Karst.) Ricken var. *fumigata* (Peck.) Schild (CR)**

- Sv. Štěpán, Chladný vrch NM, on soil under *Fagus sylvatica*, 15 Oct. 2008 leg. VA, det. O. Jindřich (BRNM).

According to JINDŘICH (2006b), this species is known from two recent localities in Moravia. Our collection represents the third.

***Ramaria flava* (Schaeff.: Fr.) Quél. (DD) (Pl. 3: 6)**

- Javorník, site known as Kamenné vrata, c. 5 km SE of the village, 26 Aug. 1957 leg. F. Šmarda, det. 2005 O. Jindřich (BRNM).
- Nedašov, Hrušovka stream valley, on soil under *Fagus sylvatica*, 4 Sept. 2009 leg. VA, det. O. Jindřich (BRNM).

***Ramaria flavescens* (Schaeff.) R.H. Petersen (DD)**

- Nová Lhota – Vápenky, c. 0.5 km NE of the village, mixed forest (*Fagus sylvatica*, *Quercus* sp., *Pinus sylvestris*, *Acer campestre*), 31 Aug. 2005 leg. DD, det. O. Jindřich (BRNU).

***Ramaria formosa* (Pers.: Fr.) Quél. (DD)**

- Sidonie, Vlárský průsmyk, Sept. 1940 leg. R. Picbauer, det. 2007 O. Jindřich (BRNM).

***Ramaria gracilis* (Pers.: Fr.) Quél. (?EX)**

- Kněždub, Šumárník hill, near path in coniferous forest, 7 Oct. 2007 leg. Z. Vávrová, det. DD (BRNU).

A very rare fungus, which was last recorded in the Czech Republic in 1967 (JINDŘICH 2006e).

***Ramaria mairei* Donk (DD) (Pl. 4: 1)**

[Syn. *Ramaria pallida* (Schaeff.) Ricken]

- Nedašov, Hrušovka stream valley, southern part, on soil under *Fagus sylvatica*, 18 Aug. 2009 leg. VA, det. O. Jindřich (BRNM).

***Ramaria sanguinea* (Pers.) Quél. (DD)**

- Velká nad Veličkou, Zahrady pod Hájem NNR, on soil under *Pinus sylvestris*, 7 Sept. 2005 leg. AV, det. O. Jindřich (BRNM).
- Strání, slope above Hrnčárky NM, under *Fagus sylvatica*, 23 Sept. 2009 leg. M. Hájek, det. DD (BRNU)

***Ramaria subbotrytis* (Coker) Corner (EN)**

- Kněždub, Šumárník hill, under broadleaved trees, 8 July 2009 leg. Z. Vávrová, det. DD (BRNU).

***Ramariopsis pulchella* (Boud.) Corner (CR)**

- Javorník, Machová NR, buffer zone in Rybnický potok valley, grassland, 3 Nov. 2008 leg. K. Devánová, det. JWJ (herb. JWJ).

According to JINDŘICH (2006c), this fungus has not been recorded for the last 15 years in the Czech Republic. This collection therefore represents the only recent record.

***Russula brunneoviolacea* Crawsh. (EN)**

- Kněždub, Čertoryje NNR, Járkovec stream valley, on soil under *Carpinus betulus*, *Quercus robur* and *Tilia cordata*, 16 Aug. 2000 leg. et det. AV (BRNM).

***Russula carpini* R. Girard et Heinem. (NT)**

- Brumov, near railway station, under *Carpinus betulus*, 18 Aug. 2009 not. HD.

***Russula faginea* Romagn. ex Adamčík (DD)**

- Nedašov, Hrušovka stream valley, central part, on soil under *Fagus sylvatica*, 4 Sept. 2009 leg. et det. VA (BRNM). – Ibid., northern part, on soil under *Fagus sylvatica*, 5 Sept. 2009 not. VA.

***Russula luteotacta* Rea (NT)**

(Pl. 4: 2)

- Radějov, ESE of the village, *Carpinetum*, 18 July 2002 not. JWJ. – Ibid., woodland with cottages, 22 July 2004 not. JWJ.
- Radějov, Kútky NR, grasslands, under *Quercus* sp., 12 Oct. 2001 not. JWJ. – Ibid., buffer zone south of the road, grasslands with broadleaved trees, 15 July 2004 not. JWJ.
- Kněždub, Lučina recreation area, above car park, in mixed forest between cottages, under *Tilia* sp. and *Betula pendula*, 26 July 2005 not. JWJ.
- Louka, Háj u Louky NR, 9 Sept. 1994 not. JWJ.
- Velká nad Veličkou, Zahrady pod Hájem NNR, on soil under *Carpinus betulus* and *Tilia cordata*, 27 July 2005 leg. et det. AV (BRNM). – Ibid., on soil under *Carpinus betulus* and *Quercus robur*, 7 Sept. 2005 not. VA.
- Javorník, Machová NR, southern part, fringe of wood with mainly *Quercus* spp., 6 Oct. 2007 not. JWJ.
- Javorník, Jazevčí NNR, on soil under *Quercus petraea*, *Carpinus betulus* and *Acer campestre*, 17 Aug. 2000 not. VA, JWJ and AV. – Ibid., on soil under *Carpinus betulus*, *Acer campestre* and *Quercus robur*, 28 July 2004 leg. et det. VA, DD and JWJ (BRNU). – Ibid., on soil under *Carpinus betulus*, *Quercus* sp., *Tilia* sp. and *Corylus avellana*, 28 July 2005 leg. et det. AV (BRNM). – Ibid., wood fringe, under *Carpinus betulus* and *Tilia cordata*, 15 Sept. 2007 not. JWJ.
- Suchov, Búrová NNM, on soil under *Quercus* sp. and *Tilia* sp., 20 Sept. 2006 not. AV. – Ibid., on soil under *Quercus robur*, 13 Sept. 2007 leg. et det. VA (BRNM). – Ibid., on soil under *Quercus* sp., 10 Oct. 2007 not. AV.
- Nová Lhota – Hryzlácké mlýny, grassland and woodland dominated by *Carpinus betulus* and *Quercus* spp., 7 Oct. 2007 not. JWJ.
- Bystřice pod Lopeníkem, on soil in *Querceto-Carpinetum*, 13 Aug. 1953 leg. et det. F. Šmarda (BRNM).

- Brumov, near railway station, under *Quercus* sp. and *Carpinus betulus*, 18 Aug. 2009 not. HD.
- Nedašov, Kaňoury NM, on soil under *Quercus petraea* and *Carpinus betulus*, 9 Aug. 2009 leg. et det. VA and S. Komínková (BRNM).

***Russula maculata* Quéél. et Roze (VU)**

- Strážnice, Žerotín NM, grassland with woodland including *Quercus pubescens*, 9 Aug. 2000 leg. II, not. JWJ.
- Velká nad Veličkou, Zahrady pod Hájem NNR, on soil under *Tilia* sp., *Acer platanoides*, *Corylus avellana* and *Larix decidua*, 27 July 2005 leg. et det. AV (BRNM).
- Javorník, Jazevčí NNR, on soil under *Carpinus betulus*, *Acer campestre* and *Quercus robur*, 28 July 2004 not. VA, DD and JWJ.
- Nedašov, Kaňoury NM, on soil under *Quercus petraea*, 9 Aug. 2009 leg. VA and S. Komínková, not. VA.

***Russula persicina* Krombh. (VU)**

- Kněždub, Čertoryje NNR, Járkovec stream valley, on soil under *Crataegus* sp., *Quercus robur* and *Tilia cordata*, 25 July 1996 not. AV.
- Velká nad Veličkou, Zahrady pod Hájem NNR, on soil under *Carpinus betulus*, 17 Aug. 2000 not. VA and AV.
- Horní Němčí, Slavkovský háj forest, *Querceto-Carpinetum*, 24 July 1996 not. JWJ and AV.

***Russula veternosa* Fr. (DD)**

- Sv. Štěpán, Chladný vrch NM, beech forest, 2 Sept. 1994 not. JWJ.
- Sidonie, Sidonie NR, on soil under *Fagus sylvatica*, 14 Oct. 2008 leg. et det. VA (BRNM).

***Russula viscida* Kudrna (NT)**

- Kněždub, Šumárník hill, under *Pinus sylvestris*, 7 Oct. 2007 not. Z. Vávrová, det. DD.
- Kněždub, Čertoryje NNR, part known as Osypné, on soil under *Picea abies*, *Quercus petraea* and *Larix decidua*, 16 Aug. 2000 leg. et det. VA and AV (BRNM).
- Louka, Háj u Louky NR, under *Pinus sylvestris*, 23 July 2009 leg. Z. Vávrová, det. DD (BRNU).
- Suchov – Suchovské Mlýny, under *Quercus* sp., *Fagus sylvatica* and *Picea abies*, 12 Aug. 1953 leg. et det. F. Šmarda (BRNM).
- Sv. Štěpán, Chladný vrch NM, on soil under *Fagus sylvatica*, 15 Oct. 2008 leg. et det. VA (BRNM).

***Sarcodon imbricatus* (L.: Fr.) P. Karst. (NT)**

- Nedašova Lhota, 5 km NE of the road junction in Nedašov, open terrain with scattered *Picea abies* trees, about 150 fruiting bodies, Sept. 2008 leg. R. Hamerský, not. JWJ.

***Stropharia albonitens* (Fr.) P. Karst. (EN)**

- Kněždub, Čertoryje NNR, alluvium of Járkovec stream, on soil under *Acer campestre*, *A. pseudoplatanus*, *Carpinus betulus* and *Petasites* sp., 27 Oct. 2000 leg. et det. VA (BRNM).

***Suillus tridentinus* (Bres.) Singer (EN)**

- Nová Lhota – Vápenky, in ditch near forest road, under *Larix decidua* and *Fagus sylvatica*, 31 Aug. 2005 leg. et det. DD (BRNU).

In the White Carpathians it has also been collected in Zahrady pod Hájem NNR (ŠUTARA & JANDA 2006).

***Trametopsis cervina* (Schwein.) Tomšovský (NT)**

[Syn. *Trametes cervina* (Schwein.) Bres.]

- Sidonie, Sidonie NR, on fallen trunk of *Fagus sylvatica*, 14 Oct. 2008 leg. et det. HD (herb. HD).

***Tricholoma atosquamosum* (Cheval.) Pat. (EN)**

- Strání-Květná, on soil in beech forest, 27 Aug. 1957 leg. F. Šmarda, det. F. Kotlaba (BRNM).

***Tricholoma basirubens* Bon et Riva (EN) (Pl. 4: 3)**

- Radějov, Kútky NR, hedge with *Quercus* spp. and *Carpinus betulus*, 29 Sept. 1995 not. JWJ.
- Kněždub, Čertoryje NNR, Járkovec stream valley, grasslands with solitary broadleaved trees, 11 Oct. 1994 not. JWJ.
- Velká nad Veličkou, Zahrady pod Hájem NNR, on soil under *Carpinus betulus*, *Tilia* sp. and *Quercus* sp., 27 July 2005 leg. et det. AV (BRNM). – Ibid., on soil under *Quercus robur*, *Tilia cordata* and *Pyrus communis*, 7 Sept. 2005 leg. et det. VA (BRNM).
- Strání, Hrnčárky NM, in grassland under *Quercus* sp., *Fagus sylvatica*, *Corylus avellana*, 2 Sept. 2005 leg. R. Poláková, det. DD (BRNU).

***Tricholoma batschii* M. Chr. et Noordel. (DD) (Pl. 4: 4)**

- Hroznová Lhota, Kněždubský háj forest, north-eastern part, mixed woodland, under *Pinus sylvestris*, 4 Sept. 2005 not. JWJ.
- Kněždub, Šumárník hill, under *Pinus sylvestris*, 7 Oct. 2007 leg. Z. Vávrová, det. D. Dvořák (BRNU).
- Velká nad Veličkou, Zahrady pod Hájem NNR, central part, small pine wood, 21 Sept. 1993 not. JWJ. – Ibid., northern part, wood dominated by *Pinus sylvestris*, 21 Sept. 1993 not. JWJ. – Ibid., central part, near *Pinus sylvestris* at edge of open bonfire ground, 11 Oct. 1994 not. JWJ. – Ibid., grasslands with solitary *Pinus sylvestris* trees, 23 Sept. 1995 not. JWJ. – Ibid., near *Pinus sylvestris*, 24 Sept. 1998 not. JWJ. – Ibid., on soil under *Pinus nigra*, 27 July 2005 leg. et det. AV (BRNM). – Ibid., 7 Sept. 2005 not. VA and AV.
- Javorník, Megovka, grassland surrounded by mixed forest, 16 Oct. 2007 leg. IJ, not. JWJ.
- Horní Němčí, Drahy NR, meadow and pasture with solitary *Pinus sylvestris* trees, 29 Sept. 1998 leg. IJ, not. JWJ.
- Strání, Nová hora NR, grassland bordered by pine forest, 29 Sept. 1998 leg. IJ, not. JWJ.
- Březová, Cestiska NM, under *Pinus sylvestris*, 26 Sept. 1989 leg. IJ, not. JWJ. – Ibid., 15 Oct. 1994 not. JWJ. – Ibid., 18 Oct. 1995 not. JWJ. – Ibid., 29 Sept. 1998 leg. IJ, not. JWJ.

***Tricholoma orirubens* Quél. (VU)**

- Kněždub, Šumárník hill, under broadleaved trees, 7 Oct. 2007 leg. Z. Vávrová, det. DD (BRNU). – Ibid., under *Quercus* sp. and *Pinus sylvestris*, 21 Oct. 2007 not. Z. Vávrová, det. DD.
- Kněždub, Čertoryje NNR, alluvium of Járkovec stream, on soil under *Alnus glutinosa*, *Carpinus betulus*, *Quercus* sp., *Tilia* sp. and *Fraxinus* sp., 16 Aug. 2000 leg. et det. AV (BRNM).
- Lipov, Háj u Lipova NM, under *Carpinus betulus*, 27 Oct. 2007 leg. Z. Vávrová, det. DD (BRNU).

- Louka, Háj u Louky NR, *Quercus-Carpinetum*, 21 Oct. 2007 leg. Z. Vávrová, det. DD (BRNU).
- Velká nad Veličkou, Zahrady pod Hájem NNR, on soil under *Quercus petraea*, *Carpinus betulus*, *Corylus avellana* and *Tilia* sp., 17 Aug. 2000 leg. et det. VA and AV (BRNM).
– Ibid., on soil under *Quercus robur*, *Fraxinus excelsior*, *Corylus avellana* and *Crataegus monogyna*, 7 Sept. 2005 leg. et det. VA (BRNM).
- Javorník, Jazevčí NNR, on soil under *Quercus robur*, 5 Oct. 1995 not. JWJ.
- Bylnice, Lazy NR, *Querceto-Carpinetum*, 30 Sept. 1995 leg. J. Spáčilová, not. JWJ.

***Typhula erythropus* (Pers.) Fr. (DD)**

- Nová Lhota, Porážky NNR, on decaying grass remnants, 26 Oct. 2000 not. VA and AV.

***Typhula uncialis* (Grev.) Berthier (DD)**

- Kněždub, Čertoryje NNR, alluvium of Járkovec stream, on decaying stems of *Petasites* sp., 27 Oct. 2000 leg. et det. AV (BRNM).
- Javorník, Filipovské údolí valley, on stems of *Petasites albus*, 14 June 2003 leg. et det. HD (herb. HD).
- Javorník, Jazevčí NNR, on decaying stems of *Petasites hybridus*, 14 Oct. 2004 not. VA.
- Strání, north-western slope of Mt. Velká Javořina, near Kamenná bouda Chalet, on decaying stems of *Petasites hybridus*, 21 June 1997 leg. et det. AV (BRNM).
- Valašské Klobouky, Bílé potoky NR, on decaying stems of *Petasites* sp., 18 Sept. 1994 leg. et det. VA (BRNM).

***Volvariella caesiotincta* P.D. Orton (VU)**

- Velká nad Veličkou, Zahrady pod Hájem NNR, decaying stump of *Quercus petraea*, 27 July 2005 leg. et det. AV (BRNM).

***Volvariella murinella* (Quél.) Courtec. (EN)**

- Velká nad Veličkou, Zahrady pod Hájem NNR, on soil in leaves of *Quercus*, *Carpinus* and *Acer*, 27 July 2005 leg. HD, det. VA (herb. HD).

***Volvariella pusilla* (Pers.) Singer (EN)**

- Velká nad Veličkou, Zahrady pod Hájem NNR, southern part, grasslands and hedges, in grass, 28 Aug. 2005 not. JWJ.

Summary

Our list of red-listed macromycetes recorded in the Bílé Karpaty (White Carpathian Mts.) Protected Landscape Area contains 186 taxa (20.6% of all red-listed taxa). In the Red List of macromycetes of the Czech Republic (HOLEC & BERAN 2006), four of them are considered probably extinct (?EX) species, 27 critically endangered (CR), 63 endangered (EN), 23 vulnerable (VU), 26 near threatened (NT), and 43 data-deficient (DD) species. The most valuable records are those of probably extinct species – *Clavaria fumosa*, *Clavulinopsis subtilis*, *Entoloma bloxamii*, and *Ramaria gracilis* – and a considerable number of critically endangered taxa.

The grasslands in the White Carpathians are rich not only in terrestrial orchids, but also in grassland fungi, especially *Hygrocybe* species. More than a half of the red-listed *Hygrocybe* species (16 out of 30) have already been found in the area. Species of all four groups considered as bioindicators of grassland naturalness (*Entoloma*, *Clavariaceae*,

Hygrocybe and *Geoglossaceae*; McHugh *et al.* 2001) have been recorded here. ADAMČÍK & KAUTMANOVÁ (2005) refined their scoring system for *Hygrocybe* species. A total of four of the highest-rating species (4 points), *H. calyptriformis*, *H. fornicata*, *H. intermedia*, and *H. ovina* (the extremely rare *H. colemanniana* is not included in this points system), were found in the Bílé Karpaty PLA. Moreover, three *Dermoloma* species are known from the area's meadows. Further, over half of the red-listed *Boletus* species (9 out of 17) have been reported from the area. Based on the list of red-listed species it is evident that the Bílé Karpaty PLA must be considered one of the most valuable mycological areas in the Czech Republic.

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