

## MACROMYCETES FROM THE GEOPARK PLATOUL MEHEDIȘI (OLTENIA, ROMANIA) (1<sup>st</sup> NOTE)

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**Abstract.** The purpose of the research conducted was the inventory of the flora and mycobiota of the Geopark Platoul Mehediși territory. In this preliminary paper we present a total of 122 macromycetes species: 12 species of *Ascomycota* and 110 of *Basidiomycota*, mentioned for the first time in Mehediși County, within the territory of the Geopark Platoul Mehediși territory. With one exception, all listed species are new to the Geopark.

**Keywords:** macromycetes, chorology, new species, Mehediși County, Oltenia.

**Rezumat. Macromicete din Geoparcul Platoul Mehediși (Oltenia, România) (Nota I).** Scopul cercetărilor întreprinse a fost inventarierea florei și micobiotei teritoriului Geoparcului Platoul Mehediși. Lucrarea prezintă un număr de 122 specii de macromicete: 12 specii din *Ascomycota* și 110 din *Basidiomycota*, citate pentru prima dată din județul Mehediși, de pe teritoriul Geoparcului Platoul Mehediși. Cu o singură excepție, toate speciile sunt noi pentru Geoparc.

**Cuvinte cheie:** macromicete, corologie, specii noi, județul Mehediși, Oltenia.

### INTRODUCTION

The Geopark Platoul Mehediși is the newest protected area (the category V - IUCN) of Mehediși County, according to the County Council (HG. no. 2151/30.11.2004). It includes the Geopark Platoul Mehediși SCI, which represents 50% of the total area (53,892 ha). The Geopark Platoul Mehediși is located in the south-west of Romania, to the north of Drobeta-Turnu Severin, and has a surface area of 106,000 ha, in the alternation area of the beech and oak forests. Conifers are found in the North (sporadic *Abies alba*) and *Picea excelsa*, *Pinus sylvestris* and *P. nigra* are only cultivated. The intersection of a temperate continental climate with a sub-Mediterranean climate, and even an oceanic climate, and also the lithological constitution of the Mehediși Mountains have had an important role in the current structure of the flora and coenotic configuration of vegetation from the territory. Milder winters alternating with summers, generally warm accompanied by precipitation, with two maximum records, one in late spring and the second in late fall, in November, creates favorable conditions for the development of a large number of macromycetes with higher taxonomic diversity. The information from literature regarding the flora of the Geopark are summaries (SĂVULESCU et al., 1952-1976; TUTIN et al., 1964-1980; TUTIN et al., 1993), and regarding the macromycetes, with one exception - *Collybia longipes* (FR. ex BULL.) QUÉL. – Baia de Aramă (I. COMES in ELIADE, 1965) all the listed species are new to the Geopark.

### MATERIAL AND METHODS

Observations were made in many sites from the Geopark, in different seasons, from April to November. The identified species were determined on fresh material, using special macromycetes papers (BON, 1988, 1990, 1991, 1993, 1999; CANDUSSO & LANZONI, 1990; KÜHNER & ROMAGNESI, 1978; MOSER & JÜLICH, 1990; PALAZÓN LOZANO, 2006; SALĂGEANU & SALĂGEANU, 1985) and the materials were conditioned with a special Dorrex drier. The lists were realized from our own research. The presentation of the species is made in alphabetical order, with indication of the scientific name, ecology, choronyms, listed from North to South and West to East and the herbarium where all these are deposited, abbreviation follow THIERS, 2013. The nomenclature used – after INDEX FUNGORUM. For the species that were photographed text indications are made: Ioana Ciortan, Sorin Păunescu and Virgil Marinescu.

### RESULTS AND DISCUSSIONS

*Agaricus sylvicola* (VITTAD.) PECK, on soil – Jidoștița NNW, Matorăț Hill, in forest, 44°43'59.438"N, 22°34'10.262"E, alt. c. 460 m, April 14, 2011, Ioana Ciortan & G. Negrean. Cireșu E, Țiganilor Valley, in *Fagetum*, 44°49'34.564"N, 22°33'43.315"E, alt. c. 395 m, August 3, 2012, Ioana Ciortan & G. Negrean.

*Albatrellus ovinus* (SCHAEFF.) KOTL. & POUZAR, on soil – Motrul Sec, Lupșa Valley, in *Fagetum*, 45°03'16"N, 22°47'48"E, alt. 460 m, October 9, 1984, G. Negrean [BUCM 86.281].

*Aleuria aurantia* (PERS.) FÜCKEL, on soil – Motrul Sec S, Lupșa Valley, in *Willdflisch*, 45°03'18"N, 22°47'47"E, alt. 440 m, October 9, 1984, G. Negrean [BUCM 86.290].

*Amanita caesarea* (SCOP.) PERS., on soil – Cireșu N, in *Quercetum dalechampii*, 44°48'22,1"N, 22°33'11,1"E, alt. 410 m, June 15-16, 2011, det. Ioana Ciortan & G. Negrean. Cireșu E, Pețimea fosilă Valley, in *Quercetum dalechampii*, 44°48'43.63"N, 22°33'20.25"E, alt. 411 m, August 21, 2011, Ioana Ciortan & G. Negrean [CL]. Bunoaica SE, Știubei Valley, in *Quercetum dalechampii*, 44°47'45.445"N, 22°33'22.603"E, alt. c. 460 m, June 13, 2010, G. Negrean [CL]. Cireșu E, in *Q. dalechampii*, August 8, 2012, Ioana Ciortan & G. Negrean.

*Amanita citrina* (SCHAEFF.) PERS. var. *citrina*, on soil – Motrul Sec S, Lupșa Valley, *Pinus sylvestris* (plantation), 45°03'18"N, 22°47'47"E, alt. 440 m, October 9, 1984, G. Negrean [BUCM 86.276]. Bunoaica E, above the Topolnița Valley, under *Pinus* sp. cultivated, 44°48'03.26"N, 22°32'31.16"E, alt. c. 385 m, August 5, 2012, Ioana Ciortan & G. Negrean.

*Amanita muscaria* (L.) LAM. var. *muscaria*, on soil – Motrul Sec, Lupșa (Motrișorul) Valley, near pinetum (cultivated), 45°03'18"N, 22°47'47"E, alt. 440 m, October 9, 1984, G. Negrean [BUCM 86.268].

*Amanita pantherina* (DC.) KROMBH., on soil – Motrul Sec S, Lupșa Valley, 45°03'25"N, 22°47'48"E, alt. 360 m, June 18, 1987, G. Negrean [BUCM 103.700].

*Amanita rubescens* PERS. var. *rubescens*, on soil – Motrul Sec W, Sohodoalele Mici Valley, in *Fagetum*, 45°04'08"N, 22°45'39"E, alt. 470 m, July 25, 1986, G. Negrean [BUCM 99.984]. Motrul Sec W, Vârful Muchii ridge, in *Fagetum*, 45°04'02"N, 22°45'25"E, alt. 560 m, July 25, 1986, G. Negrean [BUCM 99.991]. Motrul Sec S, Lupșa Valley, in *Fagetum*, 45°03'18"N, 22°47'47"E, alt. 440 m, October 9, 1984, G. Negrean [BUCM 86.270]. Obârșia Cloșani N, in *Fagetum*, 45°02'52.657"N, 22°39'45.349"E, alt. 1025 m, August 18, 2011, Ioana Ciortan & G. Negrean [CL; CRAF]. Seliște, Măguricea Mountain, May 30, 2010, G. Negrean. Cireșu E, in forest, June 2, 2010, G. Negrean. Cireșu E, Topolnița Valley, in forest, 44°49'21.438"N, 22°34'27.541"E, alt. c. 390 m, June 12, 2010, G. Negrean. Bunoaica SE, Știubei Valley, in *Quercetum dalechampii*, 44°47'45.445"N, 22°33'22.603"E, alt. c. 460 m, June 13, 2010, G. Negrean [CL]; Bunoaica E, above the Topolnița Valley, under *Pinus* sp. cultivated, 44°48'03.26"N, 22°32'31.16"E, alt. c. 385 m, August 5, 2012, Ioana Ciortan & G. Negrean. Cireșu NE, Polia Cireșu, in forest, 44°49'52.459"N, 22°33'03.293"E, alt. c. 390 m, June 12, 2011, Ioana Ciortan & G. Negrean [CL; CRAF]. Jidoșița N, Plaiul Matorățului, in forest, 44°44'56.743"N, 22°32'51.614"E, alt. c. 560 m, June 9, 2011, Ioana Ciortan & G. Negrean [CL; CRAF].

*Amanita vaginata* (BULL.) LAM. on soil – Motrul Sec S, Drumul Rujetului Hill, 45°03'08"N, 22°48'00"E, alt. 500 m, July 25, 1986, G. Negrean [BUCM 99.990]. Motrul Sec S, Drumul Rujetului Hill, in *Fagetum*, 45°03'13"N, 22°47'50"E, alt. 480 m, July 26, 1986, G. Negrean [BUCM 100.045]. The Motrul Sec W, Gorganul Mountain, northern slope, Plopilor Valley, in *Fagetum*, 45°05'21"N, 22°42'43"E, July 28, 1986, G. Negrean [BUCM 100.215]. Motrul Sec, Sohodoale Valley, in *Fagetum*, July 3, 2004, G. Negrean [HGN]. Obârșia Cloșani NE, Vârtoapele Mountain, in *Abieto-Fraxinetum*, 45°03'22"N, 22°42'30"E, alt. 960 m, July 28, 1986, G. Negrean [BUCM 100.188]. Isverna W, „Potcoava”, in *Quercetum petraeae*, August 26, 2007, G. Negrean [BUC].

*Armillaria mellea* (VAHL) P. KUMM. s. l., on the roots – the Motrul Sec NW, Motrul Sec Valley, in *Alno-Padion*, 45°04'25"N, 22°45'22"E, alt. 390 m, October 9, 1984, G. Negrean [BUCM 86.244]. Motrul Sec S, Motrișorul (Lupșa) Valley, 45°03'22"N, 22°47'46"E, alt. 400 m, September 28, 1983, G. Negrean [BUCM 80.098]. Dâlbocița NNW, Firizu N, Glaceul Mare Valley, in *Fagetum*, 44°51'14.635"N, 22°43'32.510"E, alt. c. 360 m, November 2, 2010, G. Negrean [CL]. Gornenți WNW, under Montes Ciolanul Mare, La Funduri, in *Fagetum*, 44°55'30.35"N, 22°30'34.39"E, alt. c. 829 m, October 26, 2012, Ioana Ciortan & G. Negrean.

*Ascocoryne sarcoides* (JACQ.) J.W. GROVES & D.E. WILSON, matrix:

*Populus nigra* L. fallen – Bahna Valley, prope hidromola, November 5, 2010, Sorin Păunescu comm. & det. G. Negrean [CL].

*Astraeus hygrometricus* (PERS.) MORGAN, on soil – Motrul Sec NW, Motrul Sec Valley, in *Fagetum*, 45°04'20"N, 22°46'00"E, alt. 400 m, July 17, 1985, G. Negrean [BUCM 89.472]. Baia-de-Aramă N, Mănăstirii Hill, Cornetul Băii, in *Fagetum*, 45°00'25.70"N, 22°47'44.39"E, alt. 326 m, November 17, 2011, Ioana Ciortan & G. Negrean [CL]. Jidoșița N, Matorăț Hill, 44°44'46.9"N, 22°33'08.1"E, alt. c. 542 m, in the grass, June 9, 2011, Ioana Ciortan & G. Negrean [CL; CRAF]. Schitul Topolniței, Schitul de Sus, 44°46'06.180"N, 22°36'04.411"E, alt. c. 500 m, June 10, 2011, Ioana Ciortan & G. Negrean.

*Auricularia mesenterica* (DICKS.) PERS., matrix:

*Juglans regia* L. – Valea Verde, the water mill, 44°59'04.67"N, 22°39'02.29"E, alt. circa 468 m, November 3, 2010, G. Negrean [CL]. Jupânești, Ponorel Valley, near the Epuran Cave, in forest, 44°49'54.36"N, 22°34'13.89"E, alt. c. 430 m, August 4, 2012, Ioana Ciortan & G. Negrean [CL; CRAF].

*Basidiaradulum radula* (FR.) NOBLES, matrix:

On wood – Cireșul E, Valea Țiganilor, in *Fagetum*, 44°49'34.564"N, 22°33'43.315"E, alt. C. 395 m, June 13, 2011, Ioana Ciortan & G. Negrean [CL; CRAF].

*Boletus aereus* BULL. on soil – Jupânești, Ponorel Valley, near the Epuran Cave, in forest, 44°49'54.36"N, 22°34'13.89"E, alt. c. 430 m, August 4, 2012, Ioana Ciortan & G. Negrean [CL; CRAF].

*Boletus edulis* BULL., on soil – Obârșia Cloșani NE, Vârtoapele Mountain, Fundul Lupșei, in *Quercetum petraeae*, 45°02'55"N, 22°43'00"E, alt. 800 m, July 28, 1986, G. Negrean [BUCM 100.193]. Motrul Sec, Lupșa Valley, in *Fagetum*, 45°03'16"N, 22°47'49"E, alt. 460 m, October 9, 1984, G. Negrean [BUCM 86.286]. The Motrul Sec NW, Sohodoale Valley, in *Fagetum*, 45°04'09"N, 22°45'39"E, alt. 480 m, June 18, 1987, G. Negrean [BUCM 103.686]. Bunoaica SE, Știubei Valley, in *Quercetum dalechampii*, 44°47'45.445"N, 22°33'22.603"E, alt. c. 460 m, June 13, 2010, G. Negrean. Bunoaica E, Topolniței Valley, in talweg, 44°47'52.994"N, 22°33'55.113"E, alt. c. 290 m, June 13, 2010, G. Negrean. Schitul Topolniței, Schitul de Sus, Topolnița River, 44°46'13.712"N, 22°35'26.559"E, alt. c. 440 m, June 10, 2011, Ioana Ciortan & G. Negrean.

*Boletus erythropus* PERS. var. *erythropus*, on soil – Obârșia Cloșani N, Poiana Mare, in *Fagetum*, 45°02'51.81"N, 22°39'46.48"E, alt. 1041 m, August 18, 2011, Ioana Ciortan & G. Negrean [CL; CRAF]. Schitul Topolniței, Schitul de Sus, 44°46'06.180"N, 22°36'04.411"E, alt. c. 500 m, June 10, 2011, Ioana Ciortan & G. Negrean.

*Boletus luridus* SCHAEFF. var. *luridus*, on soil – Schitul Topolniței, Schitul de Sus, 44°46'06,180"N, 22°36'04,411"E, alt. c. 500 m, June 10, 2011, Ioana Ciortan & G. Negrean.

*Boletus queletii* SCHULZER, on soil – Cireșul E, above Pețimea River, in *Fagetum*, 44°49'25"N, 22°33'32"E, alt. c. 400 m, August 21, 2011, Ioana Ciortan & G. Negrean [CL; CRAF]. Bunoaica E, above Topolnița Valley, under *Pinus* sp. cult., 44°48'03.26"N, 22°32'31.16"E, alt. c. 385 m, August 5, 2012, Ioana Ciortan & G. Negrean [CL; CRAF].

*Boletus reticulatus* SCHAEFF., on soil – Cireșul W, in *Quercetum petraeae*, June 16, 2007, G. Negrean (10.187) [BUC].

*Boletus rhodoxanthus* (KROMBH.) KALLENB., on soil – Mehedinți Mountains, Gornenți NW, ad pedem Ciolanul Mare, in *Fagetum*, 44°55'43,155"N, 22°31'00,264"E, alt. c. 900 m, August 19, 2011, Ioana Ciortan & G. Negrean [CL; CRAF]. Mehedinți Mountains, Gornenți NW, Râpa Verde, in *Fagetum*, 44°55'36,30"N, 22°30'46,84"E, alt. c. 857 m, August 19, 2011, Ioana Ciortan & G. Negrean [CL; CRAF].

*Boletus satanas* LENZ – Cireșu E, in *Quercetum dalechampii*, August 8, 2012, G. Negrean & Ioana Ciortan [CL; CRAF].

*Boletus subtomentosus* L., on soil – Obârșia Cloșani N, Poiana Mare, in *Fagetum*, 45°02'51.81"N, 22°39'46.48"E, alt. 1041 m, August 18, 2011, Ioana Ciortan & G. Negrean [CL; CRAF].

*Calocera cornea* (BATSCH) FR., matrix:

*Fagus sylvatica* L. subsp. *sylvatica* – Motrul Sec, Dealul Drumul Rujetului, in *Fagetum*, 45°03'13"N, 22°47'50"E, alt. 480 m, June 26, 1986, G. Negrean [BUCM 100.046]. Baia-de-Aramă N, Mănăstirii Hill, Cornetul Băii, in *Fagetum*, 45°00'25.70"N, 22°47'44.39"E, alt. 326 m, November 17, 2011, Ioana Ciortan & G. Negrean [CL; CRAF].

*Calocera viscosa* (PERS.) FR., matrix:

On buried wood – Obârșia Cloșani NE, Vârtoapele Mountain, 45°03'02"N, 22°42'30"E, alt. 960 m, July 28, 1986, G. Negrean [BUCM 100.186]. Obârșia Cloșani N, Poiana Mică, in *Fagetum*, 45°03'30.11"N, 22°39'58.29"E, alt. 1070 m, August 18, 2011, Ioana Ciortan & G. Negrean [CL; CRAF].

*Cerrena unicolor* (BULL.) MURRILL, on the decaying wood – Podeni NW, Muntele Camena, northern versant, in *Fagetum*, 44°54'43.444"N, 22°30'03.048"E, alt. 650 m, May 5, 2011, Ioana Ciortan & G. Negrean [CL; CRAI].

*Chalciporus piperatus* (BULL.) BATAILLE, on soil – Motrul Sec NW, Motrul Sec Valley, 45°04'25"N, 22°47'22"E, alt. 390 m, October 9, 1984, G. Negrean [BUCM 86.236]. Motrul Sec, Lupșa Valley, in *Fagetum*, 45°03'18"N, 22°47'49"E, alt. 450 m, October 9, 1984, G. Negrean [BUCM 86.285].

*Chlorophyllum rhacodes* (VITTAD.) VELLINGA, on soil – Obârșia Cloșani NE, Vârtoapele Mountain, in *Abieto-Fraxinetum*, 45°03'22"N, 22°42'30"E, alt. 960 m, July 28, 1986, G. Negrean [BUCM 100.415]. Marga, on the roadside, June 1, 2010, G. Negrean.

*Clavaria fragilis* HOLMSK., on dead branches – Gornenți NNW, in forest, above „Mlaștina cu *Menyanthes trifoliata*” 44°55'4308.88"N, 22°30'44.05"E, alt. c. 826 m, June 9, 2011, Ioana Ciortan & G. Negrean.

*Clitocybe gibba* (PERS.) P. KUMM. – Cireșul E, in forest, 44°49'20,26"N, 23°33'07,62"E, alt. c. 455 m, August 6, 2012, Ioana Ciortan & G. Negrean [CL; CRAF].

*Clavariadelphus pistillaris* (L.) DONK, on soil – Podeni, October 10, 2010, photo Sorin Păunescu, det. Ioana Ciortan.

*Coltricia perennis* (L.) MURRILL, on soil – Motrul Sec, Dealul Drumul Rujetului, in *Fagetum*, 45°03'13"N, 22°47'50"E, alt. 480 m, July 26, 1986, G. Negrean [BUCM 100.049]. Gornenți NW, in *Fagetum*, 44°55'47.07"N, 22°30'59.86"E, alt. c. 919 m, June 9, 2011, Ioana Ciortan & G. Negrean.

*Conocybe tenera* (SCHAEFF.) FAYOD, on soil – Cireșul E, 44°49'20,26"N, 23°33'07,62"E, alt. c. 455 m, August 6, 2012, Ioana Ciortan & G. Negrean [CL; CRAF].

*Coprinellus domesticus* (BOLTON) VILGALYS, HOPPLE & JACQ. JOHNSON, on soil – Cireșul NE, Polia Cireșul, in deciduous, 44°49'52,459"N, 22°33'03,293"E, alt. c. 390 m, June 12, 2011, Ioana Ciortan & G. Negrean. Jidoștița N, Plaiul Matorăfului, in forest, *Pinus sylvestris* (plantation) & *Carpinus betulus*, 44°44'56.743"N, 22°32'51.614"E, alt. c. 560 m, June 9, 2011, Ioana Ciortan & G. Negrean [CL; CRAF].

*Coprinopsis picacea* (BULL.) REDHEAD, VILGALYS & MONCALVO, on soil – Cireșul SW, Valea Bahnei, talveg, 44°48'41.836"N, 22°31'05.379"E, alt. c. 230 m, November 5, 2010, G. Negrean [CL].

*Craterellus cornucopioides* (L.) PERS., on soil – Motrul Sec S, Lupșa Valley, 11 X 1984, leg. Violeta Iavorschi, det. G. Negrean [BUCM 86.388].

*Cyathus striatus* (HUDS.) WILLD., on soil – Motrul Sec, Lupșa Valley, 45°03'18"N, 22°47'47"E, alt. 440 m, October 9, 1984, G. Negrean [BUCM 86.271].

*Daedaleopsis confragosa* (BOLTON) J. SCHRÖT., matrix:

*Salix* sp. – Păunești, Borovăț Valley, 19 IV 2007, G. Negrean [BUC].

On wood – Obârșia Cloșani N, Poiana Mică, in *Fagetum*, 45°03'30.11"N, 22°39'58.29"E, alt. 1070 m, August 18, 2011, Ioana Ciortan & G. Negrean [CL; CRAF]. Inter Crăguești et Bobaița, in *Fagetum*, November 3, 2010, G. Negrean. Jidoștița N, Plaiul Matorăfului, in forest, 44°44'56.743"N, 22°32'51.614"E, alt. c. 560 m, June 9, 2011, Ioana Ciortan & G. Negrean [CL; CRAF]. Jupânești, Ponorel Valley, nearly Epuran Cave, in forest, 44°49'54.36"N, 22°34'13.89"E, alt. c. 430 m, August 4, 2012, Ioana Ciortan & G. Negrean [CL; CRAF].

*Entoloma hirtipes* (SCHUMACH.) M.M. MOSER on soil – Bunoaica E, above Topolnița Valley, under *Pinus* sp. cultivated, 44°48'03.26"N, 22°32'31.16"E, alt. c. 385 m, August 5, 2012, Ioana Ciortan & G. Negrean [CL; CRAF].

*Fomitopsis rosea* (ALB. & SCHWEIN.) P. KARST., on wood – Obârșia Cloșani NE, Vârtoapele Mountain, in *Abieto-Fraxinetum*, 45°03'22"N, 22°42'30"E, alt. 960 m, July 28, 1986, G. Negrean [BUCM 100.171].

- Fuscoporia ferrea* (PERS.) G. CUNN., on deciduous trunks – Cireșul E, Țiganilor Valley, in *Fagetum*, 44°49'34.80"N, 22°33'46.19"E, alt. c. 418 m, November 14, 2011, Ioana Ciortan & G. Negrean [CL; CRAF].
- Galerina sphagnum* (PERS.) KÜHNER, in *Sphagnetum* – Gornenți NNW, „Mlaștina cu *Menyanthes trifoliata*”, 44°55'26.48"N, 22°30'44.56"E, alt. c. 808 m, June 9, 2011, Ioana Ciortan & G. Negrean.
- Ganoderma applanatum* (PERS.) PAT., on cut trunks – Obârșia Cloșani N, Poiana Mare, in *Fagetum*, 45°02'51.81"N, 22°39'46.48"E, alt. 1041 m, August 18, 2011, Ioana Ciortan & G. Negrean [CL; CRAF]. Baia de Aramă, 44°59'48.781"N, 22°48'56.735"E, alt. 370 m, June 2, 2010, G. Negrean. Podeni W, Mehedinți Mountains Ridge, in *Fagetum*, near the road, 44°51'10.42"N, 22°27'29.59"E, alt. c. 898 m, August 18, 2011, Ioana Ciortan & G. Negrean.
- Ganoderma australe* (FR.) PAT., on wood – Obârșia Cloșani N, Poiana Mare, above the “Mlaștina fără Fund”, in *Fagetum*, 45°02'53.137"N, 22°39'45.986"E, alt. c. 1020 m, July 18, 2011, Ioana Ciortan & G. Negrean.
- Ganoderma lucidum* (CURTIS) P. KARST., on roots – Jidoștița N, Plaiul Matorățului, in *Pinus sylvestris* et *Carpinus betulus* plantation, 44°44'56.743"N, 22°32'51.614"E, alt. c. 560 m, June 9, 2011, Ioana Ciortan & G. Negrean [CL; CRAF].
- Ganoderma resinaceum* BOUD., on wood – Baia-de-Aramă N, Mănăstirii Hill, Cornetul Băii, in *Fagetum*, 45°00'14.15"N, 22°48'20.00"E, alt. 380 m, November 17, 2011, Ioana Ciortan & G. Negrean. Cireșu S, to Bunoaica, 44°48'54.08"N, 22°32'25.93"E, alt. c. 400 m, August 5, 2012, Ioana Ciortan & G. Negrean.
- Gloeophyllum abietinum* (BULL.) P. KARST., on wood – Gornenți NNW, above the „Mlaștina cu *Menyanthes trifoliata*”, in forest, 44°55'4308.88"N, 22°30'44.05"E, alt. c. 826 m, August 19, 2011, Ioana Ciortan & G. Negrean [CL; CRAF].
- Gloeoporus taxicola* (PERS.) GILB. & RYVARDEN, matrix:
- Pinus sylvestris* L. (cultivated), fallen branches – Gornenți NNW, above the „Mlaștina cu *Menyanthes trifoliata*”, in forest, 44°55'4308.88"N, 22°30'44.05"E, alt. c. 826 m, August 19, 2011, Ioana Ciortan & G. Negrean [CL; CRAF].
- Gymnopus dryophilus* (BULL.) MURRILL, on soil - Podeni NW, above Izbucl Camena, in *Fagetum*, 44°54'19.20"N, 22°29'56.49"E, alt. c. 716 m, May 5, 2011, Ioana Ciortan & G. Negrean [CL; CRAF]. Podeni W, Motrul Sec W, Sohodoarele Mici Valley, in *Fagetum*, 45°04'08"N, 22°45'39"E, alt. 520 m, July 25 1986, G. Negrean [BUCM 100.032]. Jupânești, Valea Ponorel, near the Epuran Cave, in forest, 44°49'54.36"N, 22°34'13.89"E, alt. c. 430 m, August 4, 2012, Ioana Ciortan & G. Negrean [CL; CRAF].
- Gomphidius maculatus* (SCOP.) FR., on soil – Obârșia Cloșani N, Poiana Mică, in *Fagetum*, 45°03'30.11"N, 22°39'58.29"E, alt. 1070 m, August 18, 2011, Ioana Ciortan & G. Negrean [CL; CRAF].
- Gyromitra esculenta* (PERS.) FR., on soil – Podeni NW, under Izbucl Camena, in *Fagetum*, 44°54'19.20"N, 22°29'56.49"E, alt. c. 716 m, May 5, 2011, Ioana Ciortan & G. Negrean [CL; CRAF].
- Gyroporus castaneus* (BULL.) QUÉL., on soil – Obârșia Cloșani N, Poiana Mare, near „Mlaștina fără Fund”, in *Fagetum*, 45°02'53.137"N, 22°39'45.986"E, alt. c. 1020 m, July 17, 2011, Ioana Ciortan & G. Negrean. Podeni NW, under Izbucl Camena, in *Fagetum*, 44°54'19.20"N, 22°29'56.49"E, alt. c. 716 m, May 5, 2011, Ioana Ciortan & G. Negrean [CL; CRAF].
- Gyroporus cyanescens* (BULL.) QUÉL. (*Boletus cyanescens* Bull.), on soil – Obârșia Cloșani N, Vârtoapele Mountain, in *Abieto-Fraxinetum*, 45°03'22"N, 22°42'32"E, alt. 940 m, July 28, 1986, G. Negrean [BUCM 100.200].
- Hapalopilus nidulans* (FR.) P. KARST., on wood – Schitul Topolniței, Schitul de Sus, 44°46'06,180"N, 22°36'04,411"E, alt. c. 500 m, June 10, 2011, Ioana Ciortan & G. Negrean.
- Helvella elastica* BULL., on soil – Podeni NW, under Izbucl Camenei, in *Fagetum*, 44°54'19.20"N, 22°29'56.49"E, alt. c. 716 m, May 5, 2011, Ioana Ciortan & G. Negrean [CL; CRAF]. Jidoștița N, Plaiul Matorățului, in forest, 44°44'56.743"N, 22°32'51.614"E, alt. c. 560 m, June 9, 2011, Ioana Ciortan & G. Negrean [CL].
- Hemipholiota populnea* (PERS.) BON, matrix:
- Populus nigra* L. – between Crăgulești and Bobaița, in *Fagetum*, November 3, 2010, G. Negrean.
- Populus* sp. cult. – Bahna Valley ut Cireșul, on the roadside, November 16, 2011, Ioana Ciortan & G. Negrean [CL; CRAF]. Cireșu S, ut Bunoaica, 44°48'54,08"N, 22°32'25,93"E, alt. c. 400 m, August 5, 2012, Ioana Ciortan & G. Negrean.
- Hericium coralloides* (SCOP.) PERS., on wood – Obârșia Cloșani N, Poiana Mare, prope “Mlaștina fără Fund”, in *Fagetum*, 45°02'53.137"N, 22°39'45.986"E, alt. c. 1020 m, August 18, 2011, Ioana Ciortan & G. Negrean. Schitul Topolniței, Schitul de Sus, 44°46'06,180"N, 22°36'04,411"E, alt. c. 500 m, June 10, 2011, Ioana Ciortan & G. Negrean.
- Hericium erinaceus* (BULL.) PERS., on wood – Baia-de-Aramă N, Mănăstirii Hill, Cornetul Băii, in *Fagetum*, 45°00'25.70"N, 22°47'44.39"E, alt. 326 m, November 17, 2011, Ioana Ciortan & G. Negrean [CL].
- Hygrocybe coccineocrenata* (P.D. ORTON) M.M. MOSER, in *Sphagnetum* – Gornenți NNW, „Mlaștina cu *Menyanthes trifoliata*”, 44°55'26.48"N, 22°30'44.56"E, alt. c. 808 m, June 9, 2011, Ioana Ciortan & G. Negrean.
- Hygrocybe miniata* (FR.) P. KUMM., on soil – Gornenți WNW, La Funduri, serpentine, 44°55'48,888"N, 22°30'57,732"E, alt. c. 900 m, June 9, 2011, Ioana Ciortan & G. Negrean.
- Hygrocybe psittacina* (SCHAEFF.) P. KUMM. var. *psittacina*, on soil – Motrul Sec NW, Motrul Sec Valley, the meadow, 45°04'26"N, 22°45'12"E, alt. 380 m, October 9, 1984, G. Negrean [BUCM 86.250].
- Hygrophorus eburneus* (BULL.) FR., on soil – Dâlbocița NNW, Firizu N, Glaceul Mare Valley, in *Fagetum*, 44°51'14.635"N, 22°43'32.510"E, alt. c. 360 m, November 2, 2010, G. Negrean [CL].

*Hymenochaete rubiginosa* (DICKS.) LÉV., on wood – Jidoștița N, Plaiul Matorățului, in forest, 44°44'56.743"N, 22°32'51.614"E, alt. c. 560 m, June 9, 2011, Ioana Ciortan & G. Negrean [CL; CRAF]. Cireșul E, Țiganilor Valley, in *Fagetum*, 44°49'34.564"N, 22°33'43.315"E, alt. c. 395 m, August 3, 2012, Ioana Ciortan & G. Negrean [CL; CRAF].

*Hypholoma capnoides* (FR.) P. KUMM., on wood – Motrul Sec NW, Motrul Sec Valley, in *Alno-Padion*, 45°04'25"N, 22°45'22"E, alt. 390 m, October 9, 1984, G. Negrean [BUCM 86.256].

*Hypholoma lateritium* (SCHAEFF.) P. KUMM., on wood-rotting – Obârșia Cloșani N, Poiana Mare, prope „Mlaștina fără Fund”, in *Fagetum*, 45°02'53.137"N, 22°39'45.986"E, alt. c. 1020 m, August 18, 2011, Ioana Ciortan & G. Negrean.

*Hypoxyylon howeanum* PECK, on trunks of deciduous – Cireșul NE, Polia Cireșul, in forest, 44°49'52.459"N, 22°33'03.293"E, alt. c. 390 m, June 12, 2011, Ioana Ciortan & G. Negrean.

*Inonotus hispidus* (BULL.) P. KARST., on wood – Dâlbocița NNW, Firizu N, Valea Glaceul Mare, in *Fagetum*, 44°51'14.635"N, 22°43'32.510"E, alt. c. 360 m, November 2, 2010, G. Negrean [CL]. Schitul Topolniței, Schitul de Sus, Cracul cu Drum Hill, gnaiss, in forest, 44°45'55.115"N, 22°34'25.855"E, alt. c. 420 m, June 10, 2011, Ioana Ciortan & G. Negrean. Cireșul E, Pețimea Valley, August 3, 2012, Ioana Ciortan & G. Negrean [CL; CRAF]. Cireșul E, Țiganilor Valley, in *Fagetum*, 44°49'34.564"N, 22°33'43.315"E, alt. c. 395 m, August 3, 2012, Ioana Ciortan & G. Negrean [CL; CRAF].

*Laetiporus sulphureus* (BULL.) MURRILL, matrix:

*Alnus glutinosa* (L.) GAERTNER – Seliște, ut Măguricea, May 30, 2010, G. Negrean. Cireșul NNE, Pețimea Valley, in herbosis, 44°50'18.124"N, 22°33'09.541"E, alt. c. 390 m, June 12, 2011, Ioana Ciortan & G. Negrean [CL; CRAF].

*Fagus sylvatica* L. subsp. *sylvatica* – Giurgiani, July 23, 2007, G. Negrean.

*Malus domestica* BORKH. – Isverna, 44°58'47.307"N, 22°37'17.679"E, alt. 460 m, May 13, 2009, G. Negrean.

*Populus canadensis* MOENCH – Seliște, Valea Verde, near school, May 16, 2010, G. Negrean.

*Populus* sp. – Isverna SW, Coșuștea Valley, in *Alnetum glutinosae*, August 23, 2007, G. Negrean (10.080) [BUC].

*Prunus cerasifera* EHRH. – Gheorghăști, ad marginem W, 44°58'17.776"N, 22°42'48.028"E, alt. 460 m, September 16, 2009, G. Negrean.

*Prunus avium* L. – Șiroca S, 44°49'26.014"N, 22°36'23.512"E, alt. 650 m, September 19, 2009, G. Negrean. Marga, near the church, 44°48'45.493"N, 22°34'23.920"E, alt. c. 530 m, June 11, 2011, Ioana Ciortan & G. Negrean [CL; CRAF].

*Leccinum aurantiacum* (BULL.) GRAY, on soil – Jidoștița N, Plaiul Matorățului, in forest, September 22, 2010; photo Sorin Păunescu det. Ioana Ciortan.

*Leccinum pseudoscabrum* (KALLENB.) ȘUTARA, on soil, under *Carpinus betulus* – Jidoștița N, Plaiul Matorățului, in *Carpinetum*, 44°44'56.743"N, 22°32'51.614"E, alt. c. 560 m, June 9, 2011, Ioana Ciortan & G. Negrean [CL; CRAF].

*Leccinum scabrum* (BULL.) GRAY, on soil – under *Populus tremula*, Motrul Sec S, Drumul Rujetului Hill, in *Fagetum*, 45°03'13"N, 22°47'50"E, alt. 480 m, July 26, 1986, G. Negrean [BUCM 100.080]. Ponoarele, in *Fagetum*, fam. Eliodor Popescu, July 4, 2007, G. Negrean. In *Fagetum* with *Aremonia agrimonoides*, Giurgiani E – 'La Polom', 44°57'409"N, 22°34'304"E, alt. c. 496 m, August 23, 2007, G. Negrean [BUC]. Cireșul E, Țiganilor Valley, in *Fagetum*, 44°49'34.564"N, 22°33'43.315"E, alt. c. 395 m, June 13, 2011, Ioana Ciortan & G. Negrean [CL; CRAF].

*Leccinum versipelle* (FR. & HÖK) SNELL, on soil – Motrul Sec, Lupșa Valley, in *Fagetum*, 45°03'16"N, 22°47'49"E, alt. 465 m, 9 X 1984, G. Negrean [BUCM 86.287]. Motrul Sec W, Gorganul Mountain, northern slope, Plopilor Valley, under *Betula pendula*, 45°05'21"N, 22°42'43"E, alt. 700 m, July 28, 1986, G. Negrean [BUCM 100.211]. Cireșul NE, Topolnița Valley, thalweg, 44°50'06.183"N, 22°35'22.164"E, alt. c. 395 m, June 12, 2010, G. Negrean.

*Lentinellus ursinus* (FR.) KÜHNER, on wood – Schitul Topolniței, Schitul de Sus, 44°46'06.180"N, 22°36'04.411"E, alt. c. 500 m, June 10, 2011, Ioana Ciortan & G. Negrean.

*Lentinus strigosus* FR., matrix:

*Fagus sylvatica* L. subsp. *sylvatica* – Motrul Sec S, Lupșa Valley, 45°03'23"N, 22°47'50"E, alt. 400 m, May 13, 1984, G. Negrean [BUCM 82.333]. Motrul Sec W, 45°03'34"N, 22°45'50"E, alt. 600 m, July 28, 1986, G. Negrean [BUCM 100.114]. Mehedinți Mountains, Colțul Pietrei Mountain, 44°53'43"N, 22°29'01"E, alt. 980 m, November 4, 1986, G. Negrean [BUCM 102.029]. Cireșu E, in *Quercetum dalechampii*, August 8, 2012, Ioana Ciortan & G. Negrean.

*Lycoperdon echinatum* PERS., on soil – Jidoștița N, Plaiul Matorățului, in forest, *Pinus sylvestris* (plantation) & *Carpinus betulus*, 44°44'56.743"N, 22°32'51.614"E, alt. c. 560 m, June 9, 2011, Ioana Ciortan & G. Negrean [CL; CRAF].

*Macrolepiota excoriata* (SCHAEFF.) WASSER, on soil – Mehedinți Mountains: Motrul Sec, Motrișorul (Lupșa) Valley, 45°03'22"N, 22°47'46"E, alt. 400 m, November 28, 1983, G. Negrean [BUCM 80.090]. Cireșul E, in meadow, 44°49'20.26"N, 23°33'07.62"E, alt. c. 455 m, August 3, 2012, Ioana Ciortan & G. Negrean [CL; CRAF]. Gornenți WNW, at the foothills Montes Ciolanul Mare, La Funduri, in meadow, 44°55'30.35"N, 22°30'34.39"E, alt. c. 829 m, October 26, 2012, Ioana Ciortan & G. Negrean.

*Marasmiellus ramealis* (BULL.) SINGER, on wood – Bunoaica E, supra vallis Topolnița, under *Pinus* sp. cult., 44°48'03.26"N, 22°32'31.16"E, alt. c. 385 m, August 5, 2012, Ioana Ciortan & G. Negrean [CL; CRAF].

*Marasmiellus tricolor* (ALB. & SCHWEIN.) SINGER – on soil, Cireșul E, Pețimea Valley, in forest, 44°49'16.96"N, 23°33'20.79"E, alt. c. 417 m, August, 2012, Ioana Ciortan & G. Negrean [CL; CRAF].

*Marasmius rotula* (SCOP.) FR. – on the branches in the putrefaction state – Jupânești NNW, in *Fagetum*, 44°50'34.20"N, 23°34'16.39"E, alt. c. 485 m, August 4, 2012, Ioana Ciortan & G. Negrean [CL; CRAF].

- Meripilus giganteus* (PERS.) P. KARST., on wood – Obârșia Cloșani N, Poiana Mare, prope „Mlaștina fără Fund”, in *Fagetum*, 45°02'53.137"N, 22°39'45.986"E, alt. c. 1020 m, August 18, 2011, Ioana Ciortan & G. Negrean. Podeni W, Mountain ridge Mehedinți, „La Sulița”, in *Fagetum*, 44°51'58.573"N, 22°28'17.124"E, alt. 845 m, August 24, 2010, G. Negrean [CL; CRAF]. Mehedinți Mountains; Mountain ridge Mehedinți, in *Fagetum* with *Galium rotundifolium*, 44°51'58.573"N, 22°28'17.124"E, alt. 845 m, August 22, 2010, Ioana Ciortan & G. Negrean [CL; CRAF].
- Merulius tremellosus* SCHRAD., on wood – the Coșuștei hydrographical basin, Ișfani, in *Fagetum*, 44°56'54.664"N, 22°32'27.909"E, alt. 900 m, July 14, 2011, G. Negrean & Ioana Ciortan [CL; CRAF].
- Morchella esculenta* (L.) PERS., on soil – Podeni NW, Camena Mountain, Izbucul Camenei, in *Fagetum*, 44°54'19.131"N, 22°29'59.392"E, alt. c. 660 m, May 59, 2011, Ioana Ciortan & G. Negrean [CL].
- Mutinus caninus* (HUDS.) FR., on soil – Jidoștița N, Plaiul Matorățului, in forest, 44°44'56.743"N, 22°32'51.614"E, alt. c. 560 m, June 9, 2011, Ioana Ciortan & G. Negrean [BUC; CL; CRAF].
- Nemania serpens* (PERS.) GRAY var. *serpens*, on wood – Podeni NW, under Izbucul Camena, in *Fagetum*, 44°54'19.20"N, 22°29'56.49"E, alt. c. 716 m, May 5, 2011, Ioana Ciortan & G. Negrean.
- Panellus stipticus* (BULL.) P. KARST., matrix:  
*Alnus glutinosa* GAERTNER – Seliște S, Lunca Coșuștei, May 16, 2010, G. Negrean.
- Fagus sylvatica* L. subsp. *sylvatica* – Motrul Sec W, Sohodoalele Mici, 45°04'08"N, 22°45'38"E, alt. 470 m, July 25, 1986, G. Negrean [BUCM 100.052]. Baia-de-Aramă N, Cornetul Mănăstirii, in *Fagetum*, November 17, 2011, Ioana Ciortan & G. Negrean [CL; CRAF].
- Fagus sylvatica* L. (cut trunk) – Godeanu NW, Șaua Mazdroane, November 3, 2010, G. Negrean [CL].
- On wood – Obârșia Cloșani NE, Vârtoapele Mountain, in *Abieto-Fraxinetum*, 45°03'22"N, 22°42'30"E, alt. 960 m, July 28, 1986, G. Negrean [BUCM 100.169]. Baia-de-Aramă N, Mănăstirii Hill, Cornetul Băii, in *Fagetum*, 45°00'25.70"N, 22°47'44.39"E, alt. 326 m, November 17, 2011, Ioana Ciortan & G. Negrean [CL].
- Panaeolus papilionaceus* (BULL.) QUÉL. var. *papilionaceus* – on animal excrements – Jupânești NW, in forest, 44°50'34.20"N, 23°34'16.39"E, alt. c. 485 m, August 4, 2012, Ioana Ciortan & G. Negrean [CL; CRAF].
- Panus conchatus* (BULL.) FR., on wood – Schitul Topolniței, Schitul de Sus, „Cracul cu Drum” Hill, gneiss, 44°45'55.115"N, 22°34'25.855"E, alt. c. 420 m, June 10, 2011, Ioana Ciortan & G. Negrean [CL; CRAF]. Cireșul E, Pețimea Valley, in forest, 44°49'16.96"N, 23°33'20.79"E, alt. c. 417 m, August 3, 2012, Ioana Ciortan & G. Negrean [CL; CRAF].
- Paxillus filamentosus* FR., on soil – the Motrul Sec W, Valea Capra, in *Alnetum*, 45°05'38"N, 22°43'17"E, alt. 490 m, July 28, 1986, G. Negrean [BUCM 100.222]. Cireșul E, Topolnița Valley, in *Fagetum*, 44°49'05.14"N, 22°34'03.83"E, alt. c. 386 m, June 13, 2011, Ioana Ciortan & G. Negrean [CL; CRAF].
- Paxillus involutus* (BATSCH) FR., on soil – Bunoaica E, Topolniței Valley, in thalweg, 44°47'52.994"N, 22°33'55.113"E, alt. c. 290 m, June 13, 2010, G. Negrean.
- Phallus impudicus* L. var. *impudicus*, on soil – Cireșul South-Wash, Bahna Valley, 44°44'56.743"N, 22°32'51.614"E, alt. c. 560 m, June 9, 2011, G. Negrean (photo S. Păunescu). Jidoștița North, Plaiul Matorățului, in forest, *Pinus sylvestris* (plantation) & *Carpinus betulus*, 44°44'56.743"N, 22°32'51.614"E, alt. c. 560 m, June 9, 2011, Ioana Ciortan & G. Negrean.
- Phellinus conchatus* (PERS.) QUÉL., on wood – Cireșul NE, Polia Cireșul, 44°49'52.459"N, 22°33'03.293"E, alt. c. 390 m, June 12, 2011, Ioana Ciortan & G. Negrean [CL; CRAF].
- Phellinus igniarius* (L.) QUÉL., matrix:  
*Salix* sp., Cireșu S, ut Bunoaica, 44°48'54.08"N, 22°32'25.93"E, alt. c. 400 m, August 5, 2012, Ioana Ciortan & G. Negrean.
- Phellinus pomaceus* (Pers.) Maire, matrix:  
*Prunus cerasifera* – Isverna SW, Cănișa, 44°58'21.077"N, 22°37'00.944"E, alt. 445 m, September 10, 2009, G. Negrean.
- Pholiota tuberculosa* (SCHAEFF.) P. KUMM., on wood – Jidoștița N, Plaiul Matorățului, in forest, *Pinus sylvestris* (plantation) and *Carpinus betulus*, 44°44'56.743"N, 22°32'51.614"E, alt. c. 560 m, June 9, 2011, Ioana Ciortan & G. Negrean [CL; CRAF].
- Phylloporus pelletieri* (LÉV.) QUÉLET, on soil – Jidoștița, Plaiul Matorățului, November 25, 2010, comm. and photo S. Păunescu, det. Ioana Ciortan.
- Pleurotus pulmonarius* (FR.) QUÉL., on deciduous trunks – Podeni W, Mountains ridge Mehedinți, August 17, 2011, Ioana Ciortan & G. Negrean [CL; CRAF].
- Polyporus squamosus* (HUDS.) FR., matrix:  
*Juglans regia* L. – Dolina Poiana Crovului, August 25, 2007, G. Negrean.
- Fagus sylvatica* L. subsp. *sylvatica* – Motrul Sec, Sohodoale Valley, July 3, 2004, G. Negrean [HGN], Motrul Sec, Lupșa Valley, 45°03'23"N, 22°47'50"E, alt. 400 m, May 13, 1984, G. Negrean [BUCM 82.338]. Mehedinți Mountains, Camena Mountain, southern slope 44°53'52.320"N, 22°29'28.051"E, alt. c. 920 m, June 15, 2010, G. Negrean [CL]. Jupânești, Ponorel Valley, above Epuran Cave, in forest, 44°49'54.36"N, 22°34'13.89"E, alt. c. 430 m, August 4, 2012, Ioana Ciortan & G. Negrean [CL; CRAF].
- Pseudochaete tabacina* (SOWERBY) T. WAGNER & M. FISCH., on wood – Baia-de-Aramă N, Dealul Mănăstirii, Cornetul Băii, in *Fagetum*, 45°00'14.15"N, 22°48'20.00"E, alt. 380 m, November 17, 2011, Ioana Ciortan & G. Negrean.

*Pycnoporus cinnabarinus* (JACQ.) P. KARST., matrix:

*Prunus avium* L. – Obârșia Cloșani N, Poiana Mică, in *Fagetum*, 45°03'30.11"N, 22°39'58.29"E, alt. 1070 m, August 18, 2011, Ioana Ciortan & G. Negrean [CL; CRAF]. Isverna N, 44°59'22.822"N, 22°37'22.019"E, alt. c. 640 m, November 13, 2009, G. Negrean. Isverna SW, Coșuștea Valley, Giurgiani W, above Piatra Pinilor, August 24, 2007, G. Negrean (10.082) [BUC]. Gornenți NNW, near the *Menyanthes trifoliata* lake, in forest, 44°55'4308.88"N, 22°30'44.05"E, alt. c. 826 m, August 19, 2011, Ioana Ciortan & G. Negrean.

*Pyronema omphalodes* (BULL.) FÜCKEL, on a hearth of fire – Cireșul NNW, Pețimea Valley, 44°50'18,124"N, 22°33'09,541"E, alt. c. 390 m, June 12, 2011, Ioana Ciortan & G. Negrean.

*Ramaria formosa* (PERS.) QUÉL., on soil – Podeni NW, small village Camena, 44°54'38.05"N, 22°30'20.29"E, alt. c. 645 m, June 9, 2011, Ioana Ciortan & G. Negrean.

*Russula emetica* (SCHAEFF.) PERS., on soil – Obârșia Cloșani N, Poiana Mare, above „Mlaștina fără Fund”, in *Fagetum*, 45°02'53.137"N, 22°39'45.986"E, alt. c. 1020 m, August 18, 2011, Ioana Ciortan & G. Negrean.

*Russula farinipes* ROMELL, on soil – Bazinul Coșuștei, Ișfani, in *Fagetum*, 44°56'54.664"N, 22°32'27.909"E, alt. 900 m, July 14, 2011, G. Negrean & Ioana Ciortan [CL; CRAF].

*Russula fragrans* ROMAGN., on soil – Jidoștița N, Plaiul Matorățului, in forest, 44°44'56.743"N, 22°32'51.614"E, alt. c. 560 m, June 9, 2011, Ioana Ciortan & G. Negrean [CL; CRAF].

*Russula maculata* QUÉL. & ROZE, on soil – Bazinul Coșuștei, Ișfani, in *Fagetum*, 44°56'54.664"N, 22°32'27.909"E, alt. 900 m, July 14, 2011, G. Negrean & Ioana Ciortan [CL; CRAF].

*Russula olivacea* (SCHAEFF.) FR., on soil – Gornenți NNW, ad pedem Montes Ciolanul Mare, in *Fagetum*, 44°55'46.75"N, 22°30'59.97"E, alt. c. 920 m, August 19, 2011, Ioana Ciortan & G. Negrean.

*Sarcoscypha coccinea* (JACQ.) BOUD., on the fallen branches – in *Fagetum*, Coșuștea Valley 44°57'09.445"N, 22°32'37.839"E, alt. c. 700 m, April 4, 2010, leg. Virgil Marinescu, det. G. Negrean.

*Steccherinum ochraceum* (PERS.) GRAY, on the fallen branches – Cireșul E, Țiganilor Valley, in *Fagetum*, 44°49'34.564"N, 22°33'43.315"E, alt. c. 395 m, June 13, 2011, Ioana Ciortan & G. Negrean [CL; CRAF].

*Suillus granulatus* (L.) ROUSSEL on soil – Bunoaica E, above Topolnița Valley, under *Pinus* sp. cult., 44°48'03.26"N, 22°32'31.16"E, alt. c. 385 m, August 5, 2012, Ioana Ciortan & G. Negrean [CL; CRAF].

*Suillus grevillei* (KLOTZSCH) SINGER, on soil – Obârșia Cloșani N, Poiana Mică, in *Fagetum*, 45°03'30.11"N, 22°39'58.29"E, alt. 1070 m, August 18, 2011, Ioana Ciortan & G. Negrean [CL; CRAF]. Obârșia Cloșani N, Poiana Mare, above „Mlaștina fără Fund”, in *Fagetum*, 45°02'53.137"N, 22°39'45.986"E, alt. c. 1020 m, August 18, 2011, Ioana Ciortan & G. Negrean.

*Tarzetta catinus* (HOLMSK.) KORF & J.K. ROGERS, on soil – Podeni NW, small village Camena, 44°54'38.05"N, 22°30'20.29"E, alt. c. 645 m, May 5, 2011, Ioana Ciortan & G. Negrean.

*Tephrocycbe palustris* (PECK) DONK, in *Sphagnetum* – Gornenți NNW, „Mlaștina cu *Menyanthes trifoliata*”, 44°55'26.48"N, 22°30'44.56"E, alt. c. 808 m, August 19, 2011, Ioana Ciortan & G. Negrean.

*Trametes ochracea* (PERS.) GILB. & RYVARDEN, on wood – Gornenți NNW, under Montes Ciolanul Mare, in *Fagetum*, 44°55'46.75"N, 22°30'59.97"E, alt. c. 920 m, August 19, 2011, Ioana Ciortan & G. Negrean.

*Trametes trogii* BERK., matrix:

*Salix alba* L. – Cireșul S, Bahna Valley, in *Alnetum glutinosae*, 44°48'29.25"N, 22°30'50.38"E, alt. c. 244 m, August 20, 2011, Ioana Ciortan & G. Negrean.

*Trichaptum bifforme* (FR.) RYVARDEN, on trunk deciduous – Podeni W, Mountains ridge Mehedinți, August 17, 2011, Ioana Ciortan & G. Negrean [CL; CRAF]. Jidoștița N, Plaiul Matorățului, in forest, 44°44'56.743"N, 22°32'51.614"E, alt. c. 560 m, June 9, 2011, Ioana Ciortan & G. Negrean [CL; CRAF], idem, June 17, 2011, Ioana Ciortan & G. Negrean. Jupânești, Ponorel Valley, near Epuran Cave, in forest, 44°49'54.36"N, 22°34'13.89"E, alt. c. 430 m, August 4, 2012, Ioana Ciortan & G. Negrean [CL; CRAF].

*Tricholoma terreum* (SCHAEFF.) P. KUMM., on soil – Cireșul E, under spelunca Topolnița Cave, in forest, 44°49'07.953"N, 22°33'54.366"E, alt. c. 380 m, June 12, 2011, Ioana Ciortan & G. Negrean [CL].

*Tylopilus felleus* (BULL.) P. KARST., on soil – Obârșia Cloșani N, Poiana Mare, near „Mlaștina fără Fund”, in *Fagetum*, 45°02'53.137"N, 22°39'45.986"E, alt. c. 1020 m, August 18, 2011, Ioana Ciortan & G. Negrean. Cireșul E, Țiganilor Valley, in *Fagetum*, 44°49'34.564"N, 22°33'43.315"E, alt. c. 395 m, June 13, 2011, Ioana Ciortan & G. Negrean [CL; CRAF].

*Volvariella bombycina* (SCHAEFF.) SINGER, matrix:

*Fagus sylvatica* L. subsp. *sylvatica* – Isverna, Geanț (Potcoava), under the left slope, 44°59'19.235"N, 22°36'48.146"E, alt. c. 750 m, November 13, 2009, G. Negrean [CL].

On the rotten wood – Motrul Sec S, Lușa Valley, 45°03'20"N, 22°47'50"E, alt. 460 m, July 17, 1985, G. Negrean [BUCM 89.388]. Cireșul E, Topolnița Cave, Pețimea fosilă Valley, 44°48'52.666"N, 22°33'35.915"E, alt. c. 340 m, August 21, 2011, Ioana Ciortan & G. Negrean.

*Xerocomellus rubellus* (KROMBH.) ȘUTARA, on soil – Coșuștea Valley (right), Ișfani SE, in *Fagetum*, 44°57'50"N, 22°34'28"E, alt. 685 m, July 13, 2011, Ioana Ciortan & G. Negrean.

*Xerula pudens* (PERS.) SINGER, on soil – Obârșia Cloșani NE, Vârtoapele Mountain, in *Abieto-Fraxinetum*, 45°03'22"N, 22°42'30"E, alt. 960 m, July 28, 1986, G. Negrean [BUCM 100.201]. Obârșia Cloșani N, Poiana Mică, in *Fagetum*, 45°03'30.11"N, 22°39'58.29"E, alt. 1070 m, August 18, 2011, Ioana Ciortan & G. Negrean.

*Xylaria filiformis* (ALB. & SCHWEIN.) FR., matrix:

*Quercus* spp. – Bahna Valley, 44°43'30" 22°28' N, 17"E, alt. 120 m, November 18, 1987, G. Negrean [BUCM 107.048].

*Xylaria longipes* NITSCHKE, on wood – Obârșia Cloșani NE, Vârtoapele Mountain, in *Fagetum*, 45°03'02"N, 22°42'30"E, alt. 960 m, July 28, 1986, G. Negrean, rev. Françoise Candousseau, 1997 [BUCM 100.157; BUCM 100.164]. Țiganilor Valley, in *Fagetum*, 44°49'36.45"N, 22°33'44.17"E, alt. c. 420 m, August 3, 2012, Ioana Ciortan, G. Negrean [BUC; CL; CRAF].

In the researched territory we observed a growth of the number of species from South to North, in direct relation with the altitude. From 122 macromycetes species 50 is lignicolous species.

The information from this note, the first of this type from the Geopark Platoul Mehedinți, to be supplemented with data gained from the future movements in the territory.

### CONCLUSIONS

In this first note 122 species of macromycetes were listed. With only one exception (*Collybia longipes*), all the listed species are new to the Geopark Platoul Mehedinți.

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### REFERENCES

- BON M. 1988. *Monographic key for European Russulae*. Documents mycologiques. **18**(71-72): 1-125.
- BON M. 1990. *Les Hygrophores*. Flore Mycologique d'Europe. Documents mycologiques, Mémoire hors série **1**: 1-99.
- BON M. 1991. *Les Tricholomes et ressemblants. Tricholomataceae (1 ère partie)*. Flore Mycologique d'Europe. Documents mycologiques, Mémoire hors série. **2**: 1-163.
- BON M. 1993. *Les Lepiotes. Lepiotaceae Roze*. Flore Mycologique d'Europe. Documents mycologiques, Mémoire hors série. **3**: 1-153.
- BON M. 1999. *Les Collybio-Marasmioides et ressemblants*. Flore Mycologique d'Europe. Documents mycologiques, Mémoire hors série **5**: 1-171.
- CANDUSSO M. & LANZONI G. 1990. *Fungi Europaei. Lepiota*. Libreria Editrice Biella Giovanna, Saronno. 741 pp.
- ELIADE EUGENIA. 1965. *Conspectul macromicetelor din România*. Lucrările Grădinii Botanice București. Acta Botanici Horti Bucurestiensis: 185-324; 231 pp.
- KÜHNER R. & ROMAGNESI H. 1978. *Flore analitique des Champignons supérieurs*. Paris. 570 pp.
- MOSER M. & JÜLICH W. 1990. *Farbatlas der Basidiomyceten. Colour atlas of Basidiomycetes*. Gustav Fischer Verlag, Stuttgart. 1258 pp.
- PALAZÓN LOZANO F. 2006. *Setas para todos*. Guía práctica de identificación. Editorial Pirineo. 653 pp.
- SALĂGEANU G. & SALĂGEANU ANIȘOARA. 1985. *Determinator pentru recunoașterea ciupercilor comestibile, necomestibile și otrăvitoare din România*. București. Edit. Ceres. 323 pp.
- SĂVULESCU T. (Ed.). 1952-1976. *Flora României*. București. Edit. Academiei Române. **1-13**: (**1**: 660 pp.; **2**: 702 pp.; **3**: 662 pp.; **4**: 958 pp.; **5**: 676 pp.; **6**: 676 pp.; **7**: 661 pp.; **8**: 706 pp.; **9**: 1000 pp.; **10**: 751 pp.; **11**: 876 pp.; **12**: 810 pp.; **13**: 301 pp.).
- THIERS BARBARA. 2013. *Index Herbariorum: A global directory of public herbaria and associated staff*. New York Botanical Garden's Virtual Herbarium. <http://sweetgum.nybg.org/ih/> (Accessed: March 12, 2013)
- TUTIN T. G., HEYWOOD V. H., BURGESS N. A., MOORE D. M., VALENTINE D. H., WALTERS S. M., WEBB D. A. (Eds). 1964-1980. *Flora Europaea*. Cambridge: Cambridge University Press. **1-5**. (**1**: 464 pp.; **2**: 455 pp.; **3**: 370 pp.; **4**: 505 pp.; **5**: 452 pp.).
- TUTIN T. G., BURGESS N. A., CHATER A. O., EDMONDSON J. R., HEYWOOD V. H., MOORE D. M., VALENTINE D. H., WALTERS S. M., WEBB D. A., (Eds). 1993, reprinted 1996. *Psilotaceae to Platanaceae. Flora Europaea*. 2nd ed., Cambridge: Cambridge University Press. **1**. 581 pp.
- \*\*\*. Trial Key to Pacific Northwest: Retrieved from the Pacific Northwest Key Council <http://www.svims.ca/council/> (Accessed: December 1, 2010).
- \*\*\*. Index Fungorum: <http://www.indexfungorum.org/Names/SynSpecies.asp?> (Accessed: December 1, 2012).

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