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Macromycetes Diversity of Sharr Mountains in Kosovo

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Abstract. Our study in the Sharr Mountains of Kosovo began in 2017 and included 20 surveyed sites. The predominant vegetation consists of beech and oak forests, but also a forest of *Pinus heldreichii*, the Balkan endemic pine species. A total of 244 macromycete species were recorded, of which 211 belong to the *Basidiomycota* phylum and 33 to the *Ascomycota* phylum. Newly recorded in Kosovo are 95 species. Several species, such as *Zeus olympicus*, *Antrodia ramentacea*, *Heterosphaeria patella*, *Kneiffiella abdita* and *Resupinatus striatulus*, are among the rarely recorded ones.

Key words: macrofungi, ecology, National Park Sharr, Former Yugoslavia.

Introduction

Kosovo is located in southeastern Europe, covering the central part of the Balkan Peninsula and has an area of 10,887 km². It borders Albania to the southwest, Montenegro to the northwest, Serbia to the northeast and North Macedonia to the south. The Sharr Mts. in Kosovo covers an area of 53,469 ha, starting in the eastern part of the state border of the Republic of Kosovo with the Republic of North Macedonia and continuing to the west and southwest along the state border, through natural grasslands and various natural habitats, respectively, passing through the highest peaks of the Sharr Mts. chain in Kosovo (e.g. Bistra 2604 m a.s.l., Rudoka 2658 m a.s.l.), up to the border point of the three countries, Kosovo, North Macedonia and Albania (Anonymous, 2012). From biogeographical point of view,

the Sharr Mts. belongs to the biogeographical regions of the Mediterranean, Central, and Boreal Europe, as well as the mountainous biogeographical region of Central-Southern Europe (Stevanović et al., 1994). The Sharr Mts. has alpine and continental climate influenced by the mid-continental climate, which makes it one of the most important and weighty centers of biodiversity not only for Kosovo, but also for the entire Balkan Peninsula, in terms of taxonomic richness of plants and diversity of natural habitats (Micevski & Matevski, 1987; Stevanović et al., 2007; Millaku et al., 2013; Anonymous, 2014; Tomović et al., 2014; Berisha et al., 2020).

The mycobiota of Kosovo has been poorly studied, but is currently being enriched, especially with regards to the diversity of macromycetes. An important study by Tortić

and Sylejmani (1982) provides the first data on the diversity of macromycetes in Kosovo, including 32 species, mainly from Bosnian pine (*Pinus heldreichii* H. Christ.) forests in the Sharr Mts. (specifically in Mt. Oshlak). Further data on macromycete diversity (83 species) are reported by Veselaj (2000) from Gërmia Park. In 2017-2018, with the support of Rufford Foundation, a comprehensive and detailed survey of macromycete diversity in Kosovo was conducted as part of the project "[Fungi of Kosovo": Preparation of a Fungal Checklist and a Preliminary Red List and a Proposal for Important Fungal Areas](#)". With a survey in oak forests, including results on the diversity of the two main taxonomic divisions of fungi, *Ascomycota* and *Basidiomycota*, the knowledge of fungal diversity developed and contributed significantly to the Mycobiota of Kosovo (Ramshaj et al., 2021).

Given the unique importance of biodiversity and the rare bioclimatic combinations with landscape mosaics, the Sharr Mountains undoubtedly represent an exceptional natural mountain range for the study and documentation of macromycete biodiversity in these particular ecosystems. Although other biological groups of the Sharr Mountains have been well documented (Krasniqi, 1972; Rexhepi, 1976; 1982; 1997; 2007; Millaku et al., 2013; Tomter et al., 2013; Ibrahim et al., 2019), macrofungal communities have been so far overlooked. Although this knowledge gap has been repeatedly highlighted by several NGOs and government agencies, there was an immediate need to conduct a survey and compile a macrofungal checklist for the Sharr Mts. On this basis, this study is the first attempt to define and describe the macrofungal communities in the Sharr Mts. and to establish the first checklist of macrofungal species.

Material and Methods

Study area. Field research in different regions of Sharr Mts. began in March 2017

and ended in November 2021 (with only one species recorded in January 2022). Fungal diversity was recorded at 22 sites in the Sharr Mts. of Kosovo, covering several districts. In the district of Prizren 10 sites were surveyed, four in Shtërpca, three in Dragash, two each in Kaçanik and Suharekë districts and one in Elez Han. The mentioned sites are shown on the map in Fig. 1 and in Table 1, including complete information about their coordinates, elevations, and habitat types.

Collection and identification of samples. During the field study, we took macroscopic images of the samples in their original state before removing them from the substrate. To do this, we used a camera such as the Canon EOS 1000D, the Sony alpha A58, the iPhone 6S, and more recently the iPhone 11, as well as recording GPS coordinates. Some fungi were immediately described in the field in fresh condition, and then examined in the Mycological Laboratory of Skopje (Institute of Biology of the Faculty of Natural Sciences and Mathematics), using a light microscope (LW Scientific i4, in magnification up to 1000 \times) for microscopic characteristics of the spores, such as size, shape and color, as well as other essential morphological elements. Melzer's reagent and KOH 5%, were employed for visualisation and certain chemical reactions. For identification of the collected fungi, identification keys were used, by the following sources: Eriksson et al. (1978), Jülich (1984), Breitenbach & Kränzlin (1986), Antonín et Noordeloos (1993), Noordeloos et al. (2001; 2005), Galli (2001; 2007), Knudsen & Vesterholt (2012). The nomenclatural database Index Fungorum (<http://indexfungorum.org/>) was used to select the most appropriate names for taxa. The species are arranged alphabetically in the list below and the studied specimens are deposited in the first author's own herbarium Ramshaj Qendrim Private Collection (RQPC). All the fungi samples were collected and prepared by Qëndrim Ramshaj, Katerina Rusevska and Slavica

Tofilovska. While the final taxonomic identification has been done by Mitko Karadalev.

Abbreviations: *Fagus* (beech forests), *P. hel.* (*Pinus heldreichii* forest), meadows, *Q. c.* (*Quercus cerris* forest), rip. (riparian vegetation), pastures (mountain pastures), *P. peuce*, *Ab.-Fag.* (mixed forest of *Pinus peuce*, *Abies alba* and *Fagus sylvatica*), *Q. f-c* (ass. *Quercetum frainetto-cerris*).

Results

During the study period in the Sharr Mountains' ecosystems, 244 species (151 genera) were identified from the collected samples, representing 77 families (18 families of *Ascomycota* phylum and 59 families to the *Basidiomycota* phylum). The majority of taxa belongs to the *Basidiomycota* – 125 genera (211 species), while 26 genera (33 species) belong to *Ascomycota*. Considering trophic groups, mycorrhizal

species are 65 species, 169 saprotrophic species and 10 parasitic species were identified. In the Fig. 2 are presented four saprobic species of *Ascomycota*, six mycorrhizal species of *Basidiomycota* in the Fig. 3, in the Fig. 4 are three parasitic species of *Basidiomycota* and in the Fig. 5, two rare species (*Zeus olympius* - *Ascomycota* and *Resupinatus striatulus* - *Basidiomycota* phylum).

List of Species

The list includes a brief description of the ecology for each species, as well as reported localities assigned to specific districts and documents them with additional data such as: forest association, habitat or substrate characteristics, geographic coordinates, elevation, date of collection, names of collectors, and the voucher number of the specimen (currently in the first author's personal collection). Asterisk is used to note the newly recorded fungal species on the Sharr Mts.

Table 1. The number of taxa recorded at each locality and the characteristics of sampling sites.

No.	Locality (General)	Place of collecting	No. of taxa	Latitude	Longitude	Altitude (m)	Forest Association
1(10)	Prizren	Prevalla					
		Prevalla	28	42.189250	20.979861	1300	<i>Fagus</i>
		Prevalla	30	42.171111	20.967778	1150	<i>Fagus</i>
		(Mt. Oshlak)	35	42.184833	20.953375	1600	<i>P. hel.</i>
		Sredskë	24	42.169861	20.849167	700	rip.
		Kopana Voda	2	42.208611	20.833333	1560	<i>Fagus</i>
		Qadrak	4	42.164444	20.774722	1230	<i>Fagus</i>
		Novosellë	1	42.213000	20.785472	1125	<i>Fagus</i>
		Novosellë	1	42.209722	20.782778	1110	meadows
		Jabllanicë	5	42.166944	20.776944	1100	<i>Fagus</i>
		Jabllanicë	2	42.165722	20.762944	1280	<i>Fagus</i>
2 (4)	Shtërpçë	Shtërpçë	16	42.223611	21.050833	900	<i>Q.c.</i>
		Brezovicë	11	42.179969	21.029669	1687	<i>Fagus</i>
		Brod	31	42.265278	21.108611	700	<i>Fagus</i>
		Firajë	12	42.259444	21.086111	730	rip.
3 (3)	Dragash	Krushevçë	18	41.998333	20.615556	1150	<i>Fagus</i>
		Rrenc	7	42.086800	20.660972	1054	pastures
		Kuk	5	42.096750	20.713028	1100	meadows
		Mushtisht	22	42.263889	20.905278	1370	<i>P. peuce, Ab.-</i>

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		(Gradanc)		Fag.			
4 (2)	Suharekë	Dolloc	1	42.288611	20.916472	824	meadows
		Glloboçicë	56	42.153889	21.200406	900	<i>Q. f-c.</i>
5 (2)	Kaçanik	Vata	-	42.253333	21.172500	780	<i>Fagus</i>
6 (1)	Elez Han	Dubravë	8	42.123333	21.260278	700	<i>R. f-c.</i>
		Krivenik	29				

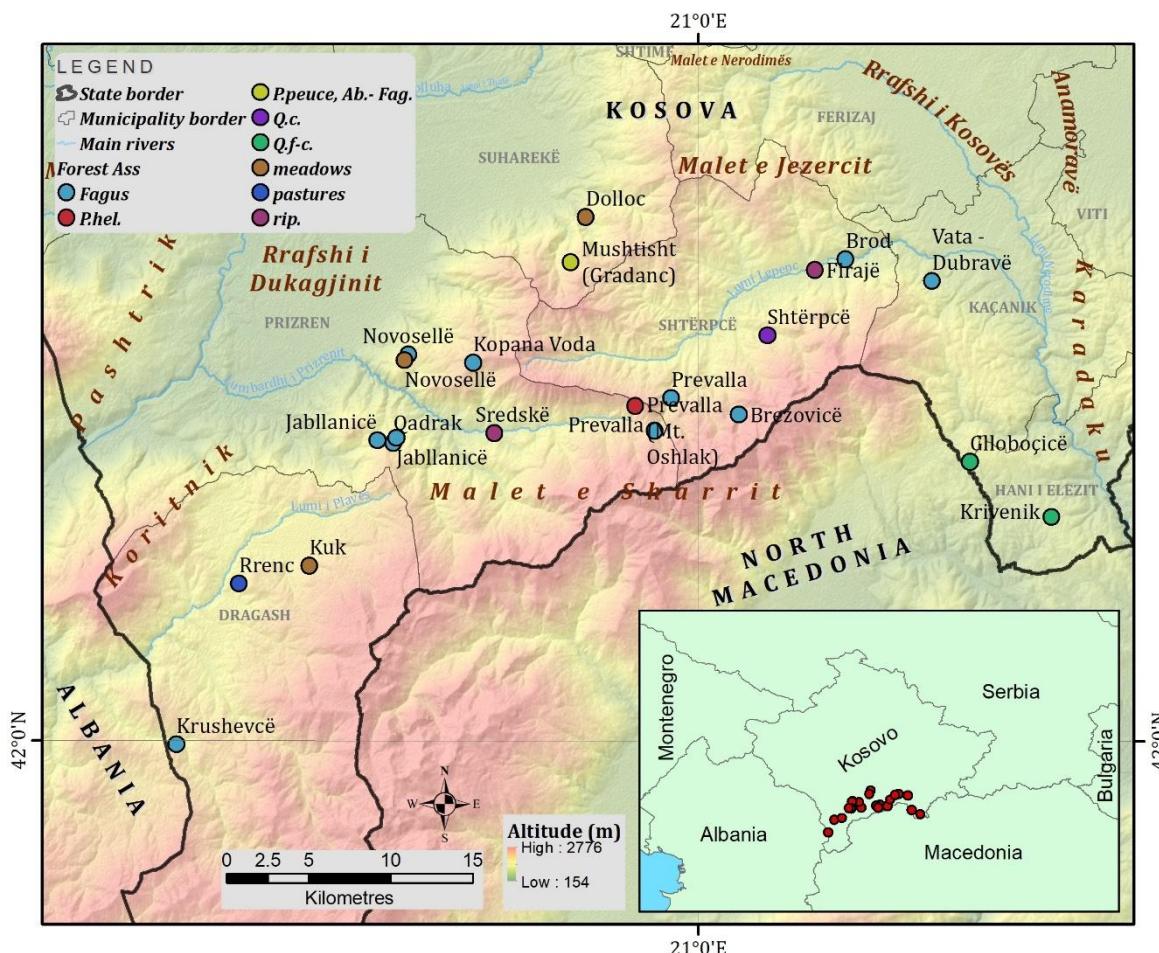


Fig. 1. Maps with localities of fungal species in the Sharr Mountains of Kosovo.

Ascomycota

**Ascocoryne sarcoides* (Jacq.) J.W. Groves & D.E. Wilson (*Gelatinodiscaceae*)

Prizren: Prevalla, N42°10'16.0", E20°58'04", 1150 m, RQPC (2019/124), beech forest, fallen branch and leaf litter, 10 Oct 2019, leg. QR, det. MK et QR.

Bertia moriformis (Tode) De Not. (*Bertiaceae*)

Dragash: Krushevc, N41°59'54", E20°36'56", 1150 m, beech forest, on stump of *Fagus sylvatica*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR. – Prizren: Prevalla, N42°11'21.3", E20°58'47.5", 1300 m, beech forest, on fallen branch of *Fagus sylvatica*, 28 Apr 2018, leg. MK, MTh, KR et TJ, det. MK et KR.

**Calycina citrina* (Hedw.) Gray (*Pezizellaceae*)

Shterpçë: Brod, N42°15'55", E21°06'31", 700 m, beech forest, on fallen branch of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK, MP, det. MK with GK. - Prizren: Prevalla, N42°10'16.0", E20°58'04", 1150 m, RQPC (2019/132), beech forest, on dry branch, leaf litter, 10 Oct 2019, leg. QR, det. MK et QR.

**Cudoniella clavus* (Alb. & Schwein.) Dennis (*Tricladiaceae*)

Prizren: Prevalla, N42°11'21.3", E20°58'47.5", 1300 m, beech forest, on fallen branch of *Alnus glutinosa*, 28 Apr 2018, MK, MTh, KR et TJ, det. MK et KR.

**Diatrype disciformis* (Hoffm.) Fr. (*Diatrypaceae*)

Prizren: Prevalla, N42°10'16.0", E20°58'04", 1150 m, RQPC (2019/192), beech forest mixed with tree of *Pinus*, on dry branch of *Fagus sylvatica*, 10 Oct 2019, leg. QR, det. MK et QR. - Opojë: Kuk, N42°05'48.3", E20°42'46.9", 1100 m, RQPC (2021/459), *Populus* forest, on dry branch, 29 Apr 2021, QR et AM, det. MK et QR. - Shterpçë: Brezovicë, N42°10'47.89", E21°01'46.81", 1687 m, beech forest, on dry branch of *Fagus sylvatica*, 24 Jul 2021, leg. QR, det. MK, ST et QR.

Diatrype stigma (Hoffm.) Fr. (*Diatrypaceae*)

Dragash: Rrenc, N42°05'12.48", E20°39'39.5", 1054 m, mountain pasture, on dry branch of *Fagus sylvatica*, 25 Jul 2021, leg. QR, det. MK, ST et QR. - Dragash: Krushevc, N41°59'54", E20°36'56", 1150 m, beech forest, on stump of *Fagus sylvatica*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR.

**Eutypella alnifraga* (Wahlenb.) Sacc. (*Diatrypaceae*)

Prizren: Prevalla, N42°11'21.3", E20°58'47.5", 1300 m, beech forest, on fallen branch of *Alnus glutinosa*, 28 Apr 2018, leg. MK, MTh, KR et TJ, det. MK et KR.

**Helvella lacunosa* Afzel. (*Helvellaceae*)

Prizren: Prevalla, N42°10'16.0", E20°58'04", 1150 m, beech forest, on soil, leaf litter, 10 Oct 2019, leg. QR, det. MK et QR.

**Heterosphaeria patella* (Tode) Grev. (*Heterosphaeriaceae*)

Prizren: Prevalla, N42°10'16", E20°58'04", 1150 m, beech forest, on herbaceous twigs, 28 Apr 2018, leg. MK, MTh, KR et TJ, det. MK et KR.

**Humaria hemisphaerica* (F.H. Wigg.) Fuckel (*Pyronemataceae*)

Prizren: Prevalla, N42°10'16.0", E20°58'04", 1150 m, RQPC (2019/226), beech forest, on soil, leaf litter, 10 Oct 2019, leg. QR, det. QR et MK.

**Hymenoscyphus syringicolor* Svrček (*Helotiaceae*)

Prizren: Prevalla, N42°10'16", E20°58'04", 1150 m, beech forest, on rotten leaf of *Fagus sylvatica*, 28 Apr 2018, leg. MK, MTh, KR et TJ, det. MK et KR.

Hypomyces hyalinus (Schwein.) Tul. et C. Tul. (*Hypocreaceae*)

Kaçanik: Glloboçicë, 900 m, *Quercus pubescens* forest, on fruit body of *Amanita vaginata*, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Hypomyces lateritius* (Fr.) Tul. (*Hypocreaceae*)

Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Pinus nigra* plantings, on fruit body of *Lactarius deliciosus*, 5 Jun 2018, MK, KR et TJ, det. MK et KR.

**Hypoxyylon deustum* (Hoffm.) Grev. (*Hypoxylaceae*)

Suharekë: Mushtisht (Gradanc), N42°15'50.0", E20°54'19.0", 1370 m, *Pinus peuce*, *Abies alba* mixed with *Fagus sylvatica*, on dry branch of *Fagus sylvatica*, 13 Nov 2021, leg. QR, det. MK, ST et QR.

**Hypoxyylon fragiforme* (Pers.) J. Kickx f. (*Hypoxylaceae*)

Suharekë: Mushtisht (Gradanc), N42°15'50.0", E20°54'19.0", 1370 m, *Pinus peuce*, *Abies alba* mixed with *Fagus sylvatica*, on dry branch of *Fagus sylvatica*, 13 Nov 2021, leg. QR, det. MK, ST et QR. - Prizren: Prevalla, N42°10'16", E20°58'04", 1150 m, beech forest, on dry branch of *Fagus sylvatica*, 2 Jul 2021, leg. QR, det. MK, ST et QR. - Shterpçë: Brezovicë, N42°10'47.89", E21°01'46.81", 1687 m, beech forest, on dry branch of *Fagus sylvatica*, 24 Jul 2021, leg.

QR, det. MK ST et QR. - Dragash: Krushevc, N41°59'54", E20°36'56", 1150, beech forest, on dry branches of *Fagus sylvatica*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR.

Hypoxyylon fuscum (Pers.) Fr.
(*Hypoxylaceae*)

Prizren: Kopana Voda, N42°12'31", E20°49'60", 1560 m, RQPC (2020/457), beech forest, on dry branch of *Fagus sylvatica*, 16 Nov 2020, leg. QR, det. MK, ST et QR. - Shterpce: Brod, N42°15'55", E21°06'31", 700 m, beech forest, on fallen branch of *Corylus avellana*, 9 Oct 2017, leg. MK GK et MP, MK et GK. - Prizren: Prevalla, N42°10'16", E20°58'04", 1150 m, beech forest, on fallen branch of *Fagus sylvatica*, 28 Apr 2018, leg. MK, MTh, KR et TJ, det. MK et KR.

**Hypoxyylon rubiginosum* (Pers.) Fr.
(*Hypoxylaceae*)

Dragash: Krushevc, N41°59'54", E20°36'56", 1150 m, beech forest, on stump of *Fagus sylvatica*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR.

**Jackrogersella multiformis* (Fr.) L. Wendt, Kuhnert & M. Stadler (*Hypoxylaceae*)

Dragash: Krushevc, N41°59'54", E20°36'56", 1150 m, beech forest, on dry branches of *Fagus sylvatica*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR.

**Kretzschmaria deusta* (Hoffm.) P.M.D. Martin (*Xylariaceae*)

Prizren: Prevalla, N42°11'21.3", E20°58'47.5", 1300 m, beech forest, on stump of *Fagus sylvatica*, 28 Apr 2018, leg. MK MTh, KR et TJ, det. MK et KR. - Kaçanik: Vata - Dubravë, N42°15'12", E21°10'21", 780 m, beech forest, on trunk of *Carpinus betulus*, 31 May 2017, leg. MK, EM et KR, det. MK et KR.

**Mollisia cinerea* (Batsch) P. Karst. (*Mollisiaceae*)

Shterpce: Brezovicë, N42°10'47.89", E21°01'46.81", 1687 m, beech forest, on rotten wood of *Fagus sylvatica*, 24 Jul 2021, leg. QR, det. MK, ST et QR.

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

Prizren: Jabllanicë, N42°09'56.6", E20°45'46.6", 1280 m, RQPC (2020/455),

beech forest, on dry branch of *Cornus mas*, 16 Nov 2020, leg. QR, det. MK et QR. - Prizren: Prevalla, N42°11'21.3", E20°58'47.5", 1300 m, beech forest, on fallen branch of *Fagus sylvatica*, 28 Apr 2018, leg. MK, MTh, KR et TJ, det. MK et KR.

Peziza arvernensis Roze et Boud.
(*Pezizaceae*)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, on soil surface and decaying wood, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Rhytisma acerinum* (Pers.) Fr.
(*Rhytismataceae*)

Opojë: Kuk, N42°05'48.3", E20°42'46.9", 1100 m, RQPC (2021/461), *Populus* forest, on leaves of *Acer pseudoplatanus*, 29 Apr 2021, leg. QR et AM, det. MK et QR.

Sarcoscypha coccinea (Gray) Boud.
(*Sarcoscyphaceae*)

Shterpce, N42°13'25", E21°03'03", 730 m, azonal vegetation (*Salix*, *Alnus*, *Populus*), on living tree of *Salix alba*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR.

**Tapesia fusca* Fuckel (*Mollisiaceae*)

Prizren: Prevalla, N42°11'21.3", E20°58'47.5", 1300 m, beech forest, rotten wood of *Fagus sylvatica*, 28 Apr 2018, leg. MK, MTh, KR et TJ, det. MK et KR.

**Trichoderma viride* Pers. (*Hypocreaceae*)

Prizren: Prevalla, N42°11'21.3", E20°58'47.5", 1300 m, beech forest, on fallen branch of *Fagus sylvatica*, 28 Apr 2018, leg. MK, MTh, KR et TJ, det. MK et KR.

**Ustulina deusta* (Hoffm.) Maire
(*Xylariaceae*)

Shterpce: Brezovicë, N42°10'47.89", E21°01'46.81", 1687 m, beech forest, on cut trunk of *Fagus sylvatica*, 24 Jul 2021, leg. QR, det. MK, ST et QR.

**Verpa bohemica* (Krombh.) J. Schröt.
(*Morchellaceae*)

Opojë: Kuk, N42°05'48.3", E20°42'46.9", 1100 m, RQPC (2021/462), *Populus* forest, on soil, under *Populus* sp., leaf litter, 29 Apr 2021, leg. QR et AM, det. MK et QR.

**Xanthoria parietina* (L.) Th. Fr.
(*Teloschistaceae*)

Prizren: Sredskë, N42°10'11.5", E20°50'57", 700 m, *Alnetum* (close to the river Bistrica), on branch of living *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

**Xylaria carpophila* (Pers.) Fr. (Xylariaceae)

Prizren: Prevalla, N42°11'21.3", 20°58'47.5", 1300 m, beech forest, on fallen branch of *Fagus sylvatica*, 28 Apr 2018, leg. MK, MTh, KR et TJ, det. MK et KR.

**Xylaria hypoxylon* (L.) Grev. (Xylariaceae)

Prizren: Prevalla, N42°10'16.0", E20°58'04", 1150 m, beech forest, on rotten wood, leaf litter, 10 Oct 2019, leg. QR, det. MK et QR. - Suharekë: Mushtisht (Gradanc), N42°15'50.0", E20°54'19.0", 1370 m, *Pinus peuce*, *Abies alba* mixed with *Fagus sylvatica*, on leaf litter and rotten wood of *Fagus sylvatica*, 13 Nov 2021, leg. QR, det. MK, ST et QR. - Prizren: Qadrak, N42°09'52.0", E20°46'29.0", 1230 m, RQPC (2020/454), beech forest, on soil, rotten wood, 20 Nov 2020, leg. QR, det. MK, ST et QR. - Shterpë: Brod, N42°15'55", E21°06'31", 700 m, beech forest, on trunk of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

**Xylaria polymorpha* (Pers.) Grev. (Xylariaceae)

Shterpë: Brod, N42°15'55", E21°06'31", 700 m, beech forest, on trunk of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK, MP, det. MK et GK.

**Zeus olympius* Minter & Diam. (Rhytismataceae)

Prizren: Prevalla(Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on dry branches of living *Pinus heldreichii*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Basidiomycota

Agaricus campestris L. (Agaricaceae)

Prizren: Novosellë, N42°12'35.0", E20°46'58.0", 1110 m, meadow, on soil, leaf litter, 22 Nov 2020, leg. QR, det. MK, ST et QR. - Prizren: Sredskë, N42°10'11.5",

E20°50'57", 700 m, *Alnetum* (close to the river Bistrica), on soil, leaf litter, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

Amanita caesarea (Scop.) Pers. (Amanitaceae)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Amanita dryophila Consiglio et Contu (Amanitaceae)

Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Amanita eliae Quél. (Amanitaceae)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Amanita franchetii (Boud.) Fayod (Amanitaceae)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR. - Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Amanita lividopallescens (Gillet) Bigeard et H. Guill. (Amanitaceae)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Amanita muscaria* (L.) Lam. (Amanitaceae)

Prizren: Prevalla, N42°10'16.0", E20°58'04", 1150 m, RQPC (2019/115), beech forest, on soil, leaf litter, 10 Oct 2019, leg. QR, det. MK et QR.

Amanita pantherina (DC.) Krombh. (Amanitaceae)

Shterpë, N42°13'25", E21°03'03", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR. -

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-*

cerris, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Amanita rubescens* Pers. (*Amanitaceae*)

Shtërpë, N42°13'25", E21°03'03", 900 m,

Quercetum frainetto-cerris, in leaf litter, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR. - Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Amanita subnudipes (Romagn.) Tulloss (*Amanitaceae*)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Amanita vaginata (Bull.) Lam. (*Amanitaceae*)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Amphinema byssoides* (Pers.) J. Erikss. (*Atheliaceae*)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on rotten wood of *Pinus heldreichii*, 1 Jan 2018, leg. MK, KR et TJ, det. MK et KR.

**Antrodia ramentacea* (Berk. & Broome) Donk (*Fomitopsidaceae*)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on trunk of *Pinus heldreichii*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Apioperdon pyriforme (Schaeff.) Vizzini (*Lycoperdaceae*)

Prizren: Prevalla, N42°11'21.3", E20°58'47.5", 1300 m, beech forest, on stump of *Fagus sylvatica*, 28 Apr 2018, leg. MK MTh, KR et TJ, det. MK et KR.

Armillaria mellea (Vahl) P. Kumm. (*Physalacriaceae*)

Prizren: Sredskë, N42°10'11.5", E20°50'57", 700 m, *Alnetum* (close to the river Bistrica), on stump of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

- Suharekë: Mushtisht (Gradanc),

N42°15'50.0", E20°54'19.0", 1370 m, *Pinus peuce*, *Abies alba* meixed with *Fagus sylvatica*, on dry branch of *Fagus sylvatica*, 13 Nov 2021, leg. QR, det. MK, ST et QR.

**Athelia neuhoffii* (Bres.) Donk (*Atheliaceae*)

Shtërpë: Firajë, N42°15'34", E21°05'10", 730 m, azonal vegetation (*Salix*, *Alnus*, *Populus*), on rotten wood, 21 Apr 2017, leg. MK, EM et KR, det. MK et KR. - Prizren: Sredskë, N42°10'11.5", E20°50'57", 700 m, *Alnetum* (close to the river Bistrica), on dry branch of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

Auricularia auricula-judae (Bull.) Quél (*Auriculariaceae*)

Prizren: Sredskë, N42°10'11.5", E20°50'57", 700 m, *Alnetum* (close to the river Bistrica), on dead tree of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

Auricularia mesenterica (Dicks.) Pers. (*Auriculariaceae*)

Shtërpë: Firajë, N42°15'34", E21°05'10", 730 m, azonal vegetation (*Salix*, *Alnus*, *Populus*), dead branch of *Salix alba*, 21 Apr 2017, leg. MK, EM et KR, det. MK et KR. - Prizren: Sredskë, N42°10'11.5", E20°50'57", 700 m, *Alnetum* (close to the river Bistrica), on dry dead tree of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

Bjerkandera adusta (Willd.) P. Karst. (*Phanerochaetaceae*)

Dragash: Krushevc, N41°59'54", E20°36'56", 1150 m, beech forest, stump of *Fagus sylvatica*, 21 Mar 2017, leg. MK, KR et EM, det. MK et KR. - Shtërpë: Brod, N42°15'55", E21°06'31", 700 m, beech forest, on trunk of *Alnus glutinosa*, 9 Oct 2017, leg. MK GK et MP, det. MK et GK. - Prizren: Prevalla, N42°11'21.3", E20°58'47.5", 1300 m, *Alnetum*, close to the river, on stump of *Fagus sylvatica*, 28 Apr 2018, leg MK. MTh, KR et TJ, det. MK et KR. - Prizren: Prevalla, N42°10'16.0", E20°58'04", 1150 m, RQPC (2019/135), beech forest, on dry branch of *Fagus sylvatica*, 10 Oct 2019, leg. QR, det. MK et QR. - Prizren: Prevalla, N42°10'16",

E20°58'04", 1150 m, beech forest, on dry branch of *Fagus sylvatica*, 2 Jul 2021, leg. QR, det. MK, ST et QR.

Boletus aereus Bull. (Boletaceae)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Boletus reticulatus Schaeff. (Boletaceae)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Botryobasidium vagum* (Berk. & M.A. Curtis) D.P. Rogers (Botryobasidiaceae)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on rotten wood of *Pinus halepensis*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Bovista nigrescens* Pers. (Lycoperdaceae)

Prizren: Prevalla, N42°09'54.0", E20°57'09.0", 1948 m, RQPC (2019/140), mountain pasture, on soil, 6 Oct 2019, leg. et det. MK et KR.

Bovista plumbea Pers. (Lycoperdaceae)

Dragash: Rrenc, N42°05'12.48", E20°39'39.5", 1054 m, mountain pasture, on soil with dung of animals, 25 Jul 2021, leg. QR, det. QR, ST et MK. - Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, on leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Bovistella utriformis* (Bull.) Demoulin & Rebrev (Lycoperdaceae)

Dragash: Krushevc, N41°59'54", E20°36'56", 1150 m, *Alnetum*, close to the river, on trunk of *Fagus sylvatica*, 21 Mar 2017, leg. et det. MK. - Prizren: Prevalla, N42°09'54.0", E20°57'09.0", 1948 m, mountain pasture, on soil, 6 Oct 2019, leg. et det. MK et KR.

Byssomerulius corium (Pers.) Parmasto (Irpicaceae)

Shterpçë: Firajë, N42°15'34", E21°05'10"E, 730 m, azonal vegetation (*Salix*, *Alnus*, *Populus*), on dead branch of *Salix alba*, 21 Mar 2017, leg. MK, EM et KR, det. MK et

KR. - Shterpçë: Brod, N42°15'55", E21°06'31", 700 m, beech forest, on fallen branch of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

**Candolleomyces candolleanus* (Fr.) D. Wächt. & A. Melzer (Psathyrellaceae)

Shterpçë: Brod, N42°15'55", E21°06'31", 700 m, meadow, on soil, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

Cantharellus cibarius Fr. (Hydnaceae)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Cerioporus leptocephalus* (Jacq.) Zmitr. (Polyporaceae)

Suharekë: Mushtisht (Gradanc), N42°15'50.0", E20°54'19.0", 1370 m, *Pinus peuce*, *Abies alba* mixed with *Fagus sylvatica*, on dry branch of *Fagus sylvatica*, 13 Nov 2021, leg. QR, det. MK, ST et QR.

Cerioporus varius (Pers.) Zmitr. & Kovalenko (Polyporaceae)

Prizren: Prevalla, N42°11'21.3", E20°58'47.5", 1300 m, beech forest, on fallen branch of *Fagus sylvatica*, 28 Apr 2018, leg. MK MTh, KR et TJ, det. MK et KR. - Suharekë: Mushtisht (Gradanc), N42°15'50.0", E20°54'19.0", 1370 m, *Pinus peuce*, *Abies alba* mixed with *Fagus sylvatica*, on dry branch of *Fagus sylvatica*, 13 Nov 2021, leg. QR, det. MK, ST et QR.

Cerrena unicolor (Bull.) Murrill (Polyporaceae)

Dragash: Krushevc, N41°59'54", E20°36'56", 1150 m, *Alnetum*, close to the river, stump of *Fagus sylvatica*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR. - Kaçanik: Vata - Dubravë, N42°15'12", E21°10'21", 780 m, beech forest, on stump of *Betula pendula*, 31 May 2017, leg. MK, EM et KR, det. MK et KR. - Prizren: Prevalla, N42°10'16.0", E20°58'04", 1150 m, RQPC (2019/157), beech forest, dry branch of *Fagus sylvatica*, 10 Oct 2019, leg. QR, det. MK et QR.

**Chlorophyllum rhacodes* (Vittad.) Vellinga (Agaricaceae)

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Prizren, Sredskë, N42°10'11.5", E20°50'57", 700 m, *Alnetum* (close to the river Bistrica), on soil, leaf litter, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

**Clavulina rugosa* (Bull.) J. Schröt. (*Hydnaceae*)

Dragash, N42°04'28.9", E20°38'21.8", 960 m, *Pinus nigra* plantation, on soil, leaf litter, 6 Nov 2021, leg. QR, det. QR et MK.

Clitocybe nebularis (Batsch) P. Kumm. (*Agaricales*)

Suharekë: Mushtisht (Gradanc), N42°15'50.0", E20°54'19.0", 1370 m, *Pinus peuce*, *Abies alba* mixed with *Fagus sylvatica*, on soil, llaf litter, 13 Nov 2021, leg. QR, det. MK, ST et QR. - Prizren: Qadrak, N42°09'52.0", E20°46'29.0", 1230 m, RQPC (2020/451), beech forest, on soil, leaf litter, 20 Nov 2020, leg. QR, det. MK, ST et QR. - Prizren: Prevalla, N42°10'16.0", E20°58'04", 1150 m, RQPC (2019/281), beech forest, on soil, leaf litter, 10 Oct 2019, leg. QR, det. MK et QR.

**Clitocybe odora* (Bull.) P. Kumm. (*Tricholomataceae*)

Prizren: Prevalla, N42°10'16.0", E20°58'04", 1150 m, RQPC (2019/164), beech forest, on soil, leaf litter, 10 Oct 2019, leg. QR, det. MK et QR.

**Collybia cookei* (Bres.) J.D. Arnold (*Tricholomataceae*)

Shterpë: Brod, N42°15'55", E21°06'31", 700 m, beech forest, on woody debris of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

**Coniophora arida* (Fr.) P. Karst. (*Coniophoraceae*)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on rotten wood of *Pinus halepensis*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Coprinellus disseminatus* (Pers.) J.E. Lange (*Psathyrellaceae*)

Shterpë: Brod, N42°15'55", E21°06'31", 700 m, beech forest, on stump of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

**Coprinellus micaceus* (Bull.) Vilgalys, Hopple & Jacq. Johnson (*Psathyrellaceae*)

Dragash: Krushevc, N41°59'54", E20°36'56", 1150 m, beech forest, on rotten wood of *Fagus sylvatica*, 21 Mar 2017, leg. et det. MK.

**Coriolopsis gallica* (Fr.) Ryvarden (*Polyporaceae*)

Shterpë: Firajë, N42°15'34", E21°05'10"E, 730 m, azonal vegetation (*Salix*, *Alnus*, *Populus*), on dry branches of *Clematis* sp., 21 Mar 2017, leg. MK, EM et KR, det. MK et KR.

Cortinarius melanotus Kalchbr. (*Cortinariaceae*)

Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*, on bare soil, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Craterellus undulatus* (Pers.) E. Campo & Papetti (*Hydnaceae*)

Prizren: Qadrak, N42°09'52.0", E20°46'29.0", 1230 m, RQPC 2020/452, beech forest, on soil, rotten wood, 20 Nov 2020, leg. QR, det. MK, ST et QR.

**Crepidotus mollis* (Schaeff.) Staude (*Crepidotaceae*)

Shterpë: Brod, N42°15'55", E21°06'31", 700 m, beech forest, on fallen branch of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

**Crustoderma corneum* (Bourdot & Galzin) Nakasone (*Sparassidaceae*)

Prizren: Prevalla, N42°11'21.3", E20°58'47.5", 1300 m, beech forest, on fallen branch of *Alnus glutinosa*, 28 Apr 2018, leg. MK, MTh, KR et TJ, det. MK et KR.

Cyanoboletus pulverulentus (Opat.) Gelardi, Vizzini et Simonini (*Boletaceae*)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Dacryobolus karstenii* (Bres.) Oberw. ex Parmasto (*Dacryobolaceae*)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on rotten wood of *Pinus*

heldreichii, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Daedalea quercina (L.) Pers
(*Fomitopsidaceae*)

Prizren: Jabllanicë, N42°10'01.0", E20°46'37.0", 900 m, beech forest, on trunk of *Fagus sylvatica*, 21 Apr 2017, leg AS, det. MK. - Kaçanik : Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, on stump of *Quercus frainetto*, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Daedaleopsis confragosa* (Bolton) J. Schröt. (*Polyporaceae*)

Dragash: Krushevc, N41°59'54", E20°36'56", 1150 m, *Alnetum*, close to the river, on dry stem of *Salix caprea*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR. - Shterpëcë: Brod, N42°15'55", E21°06'31", 700 m, beech forest, on trunk of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det MK et GK.

**Diplomitoporus flavescens* (Bres.) Domański (*Polyporales*)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on rotten wood of *Pinus heldreichii*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Efibula tuberculata (P. Karst.) Zmitr. & Spirin (*Phanerochaetaceae*)

Dragash: Rrenc, N42°05'12.48", E20°39'39.5", 1054 m, mountain pasture, on dry branch of *Corylus avellana*, 25 Jul 2021, leg QR, det. MK, ST et QR.

**Entoloma sericeum* Quél. (*Entolomataceae*)

Suharekë: Dolloc, N42°17'19.0", E20°54'59.3", 824 m, meadow, on soil, 4 Jan 2022, leg. et det. QR.

Entoloma sinuatum (Bull. ex Pers.) P. Kumm. (*Entolomataceae*)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, on soil, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Entoloma vernum* S. Lundell (*Entolomataceae*)

Prizren: Prevalla, N42°11'21.3", E20°58'47.5", 1300 m, beech forest, on soil,

28 Apr 2018, leg. MK, MTh, KR et TJ, det. MK et KR.

Exidia glandulosa (Bull.) Fr
(*Auriculariaceae*)

Shterpëcë: Brod, N42°15'55", E21°06'31", 700 m, beech forest, on fallen branch of *Salix alba*, 9 Oct 2017, leg. MK, GK, MP, det. MK et GK. - Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, on soil, leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Exidia saccharina* Fr. (*Auriculariaceae*)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on rotten wood of *Pinus heldreichii*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Exidiopsis calcea* (Pers.) K. Wells (*Auriculariaceae*)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on dry branches of living *Pinus heldreichii*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Exidiopsis effusa* (Bref. ex Sacc.) Möller (*Auriculariaceae*)

Prizren: Prevalla, N42°11'21.3", E20°58'47.5", 1300 m, beech forest, on fallen branch of *Alnus glutinosa*, 28 Apr 2018 leg. MK, MTh, KR et TJ, det. MK et KR.

**Flammula alnicola* (Fr.) P. Kumm. (*Strophariaceae*)

Prizren: Sredskë, N42°10'11.5", E20°50'57", 700 m, *Alnetum* (close to the river Bistrica), on soil, 9 Oct 2017, leg. MK, GK et MP, det. Mk et GK.

**Flammulina velutipes* (Curtis) Singer (*Physalacriaceae*)

Prizren: Sredskë, N42°10'11.5", E20°50'57", 700 m, *Alnetum* (close to the river Bistrica), on trunk of *Alnus glutinosa*, 9 Nov 2017, leg. MK, GK et MP, det. MK et GK.

Fomes fomentarius (L.) Fr. (*Polyporaceae*)

Shterpëcë: Brezovicë, N42°10'47.89", E21°01'46.81", 1687 m, beech forest, on trunk of *Fagus sylvatica*, 24 Jul 2021, leg. QR, det. MK, ST et QR. - Shterpëcë: Firajë, N42°15'34",

E21°05'10", 730 m, azonal vegetation (*Salix*, *Alnus*, *Populus*), on living tree of *Alnus glutinosa*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR. - Dragash: Krushevc, N41°59'54", E20°36'56", 1150 m, *Alnetum*, close to the river, on living tree of *Fagus sylvatica*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR. - Shterpçë, N42°13'25", E21°03'03", 900 m, *Quercus cerris* forest, on trunk of *Quercus cerris*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR. - Prizren: Prevalla, N42°11'21.3", E20°58'47.5", 1300 m, beech forest, on stump of *Fagus sylvatica*, 28 Apr 2018, leg. MK, MTh, KR et TJ, det. MK et KR.

Fomitopsis pinicola (Sw.) P. Karst. (*Fomitopsidaceae*)

Prizren: Prevalla, N42°10'16.0", E20°58'04", 1150 m, RQPC (2019/203), beech forest, on soil, leaf litter, 10 Oct 2019, leg. QR, det. MK et QR. - Prizren: Prevalla, N42°10'16", E20°58'04", 1150 m, beech forest, on trunk of *Fagus sylvatica*, 2 Jul 2021, leg. QR, det. MK, ST et QR. - Kaçanik: Vata - Dubravë, N42°15'12", E21°10'21", 780 m, beech forest, on dead trunk of *Fagus sylvatica*, 31 May 2017, leg. MK, EM et KR, det. MK et KR. - Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on trunk of *Pinus heldreichii*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Fuscoporia torulosa* (Pers.) T. Wagner & M. Fisch (*Hymenochaetaceae*)

Kaçanik: Vata - Dubravë, N42°15'12", E21°10'21", 780 m, beech forest, on trunk of *Carpinus betulus*, 31 May 2017, leg. MK, EM et KR, det. MK et KR.

Galerina marginata (Batsch) Kühner (*Hymenogastraceae*)

Shterpçë: Brod, N42°15'55", E21°06'31", 700 m, beech forest, on trunk of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

**Ganoderma applanatum* (Pers.) Pat. (*Polyporaceae*)

Shterpçë: Brezovicë, N42°10'47.89", E21°01'46.81", 1687 m, beech forest, on trunk

of *Fagus sylvatica*, 24 Jul 2021, leg. QR, det. MK, ST et QR.

**Gloeocystidiellum luridum* (Bres.) Boidin (*Stereaceae*)

Shterpçë: Firajë, N42°15'34", E21°05'10", 730 m, azonal vegetation (*Salix*, *Alnus*, *Populus*), on dead branch of *Salix alba*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR.

**Gloeoporus pannocinctus* (Romell) J. Erikss. (*Irpicaceae*)

Dragash: Krushevc, N41°59'54", E20°36'56", 1150 m, *Alnetum*, close to the river, on fallen branch of *Fagus sylvatica*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR.

Gymnopus dryophilus (Bull.) Murrill (*Omphalotaceae*)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, on soil, rotten wood, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR. - Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*, on soil, leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

- Dragash: Rrenc, N42°05'12.48", E20°39'39.5", 1054 m, mountain pasture, on soil, wood debris, 25 Jul 2021, leg. QR, det. MK, ST et QR.

Gymnopus fusipes (Bull.) Gray (*Omphalotaceae*)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", *Quercetum frainetto-cerris*, on stem of *Quercus frainetto*, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Hapalopilus rutilans* (Pers.) Murrill Boletus (*Phanerochaetaceae*)

Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*, on stem and fallen branch of *Quercus frainetto*, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR. - Kaçanik: Glloboçicë, 900 m, *Quercetum frainetto-cerris*, on fallen branch of *Quercus cerris*, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR. - Prizren: Prevalla, N42°10'16.0", E20°58'04", 1150 m, RQPC (2019/221), beech forest, dry branch of *Fagus sylvatica*, 10 Oct 2019, leg. QR, det. MK et QR.

**Hebeloma sinapizans* (Paulet) Gillet. (*Strophariaceae*)

Prizren: Prevalla, N42°10'16.0", E20°58'04", 1150 m, RQPC (2019/224), beech forest, on soil, leaf litter, 10 Oct 2019, leg. QR, det. MK et QR.

Hemileccinum impolitum (Fr.) Šutara (Boletaceae)

Kaçanik: Gllobočicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, on soil, leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Heterobasidion annosum* (Fr.) Bref. (Bondarzewiaceae)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on root of *Pinus heldreichii*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Hortiboletus engelii (Hlaváček) Biketova & Wasser (Boletaceae)

Kaçanik: Gllobočicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, on soil, leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Hygrophorus chrysodon* (Batsch) Fr. (Hygrophoraceae)

Suharekë: Mushtisht (Gradanc), N42°15'50.0", E20°54'19.0", 1370 m, *Pinus peuce*, *Abies alba* mixed with *Fagus sylvatica*, on soil, under *Fagus sylvatica*, 13 Nov 2021, leg. QR, det. MK, ST et QR. - Prizren: Novosellë, N42°12'35.0", E20°46'58.0", 1125 m, beech forest, on soil, leaf litter, 22 Nov 2020, leg. QR, det. MK, ST et QR.

Hymenochaete cinnamomea (Pers.) Bres (Hymenochaetaceae)

Dragash: Krushevc, N41°59'54", E20°36'56", 1150 m, *Alnetum*, close to the river, fallen branches of *Fagus sylvatica*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR.

Hymenochaete rubiginosa (Dicks.) Lév. (Hymenochaetaceae)

Prizren: Jabllanicë, N42°10'01.0", E20°46'37.0", 1100 m, beech forest, on dry branch of *Fagus sylvatica*, 21 Apr 2017, leg. AS, det. MK

Hymenopellis radicata (Relhan) R.H. Petersen (Physalacriaceae)

Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*,

on soil, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Hyphoderma nemorale K.H. Larss. (Hyphomycetidae)

Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*, on fallen branch of *Quercus frainetto*, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Hyphoderma setigerum* (Fr.) Donk (Hyphomycetidae)

Shterpë: Firajë, N42°15'34", E21°05'10", 730 m, azonal vegetation (*Salix*, *Alnus*, *Populus*), on dead branch of *Salix alba*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR.

Hyphodermella corrugata (Fr.) J. Erikss. & Ryvarden (Phanerochaetaceae)

Dragash: Krushevc, N41°59'54", E20°36'56", 1150 m, *Alnetum*, close to the river, on fallen branch of *Fagus sylvatica*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR.

Hyphodontia quercina (Pers.) J. Erikss. (Hyphodontiaceae)

Shterpë: Brezovica, N42°13'11", E21°00'35", 920 m, *Alnetum*, close to the river, on fallen branch of *Carpinus orientalis*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR.

Hypholoma fasciculare (Huds.) P. Kumm. (Strophariaceae)

Kaçanik: Gllobočicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, on stump of *Quercus frainetto*, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Hypholoma lateritium (Schaeff.) P. Kumm. (Strophariaceae)

Suharekë: Mushtisht (Gradanc), N42°15'50.0", E20°54'19.0", 1370 m, *Pinus peuce*, *Abies alba* mixed with *Fagus sylvatica*, on stump of *Fagus sylvatica*, 13 Nov 2021, leg. QR, det. MK, ST et QR.

Imperator rhodopurpureus (Smotl.) Assyov et al. (Boletaceae)

Kaçanik: Gllobočicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Inocybe dulcamara (Pers.) P. Kumm. (Inocybaceae)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Inocybe geophylla* P. Kumm. (*Inocybaceae*)
Suharekë: Mushtisht (Gradanc), N42°15'50.0", E20°54'19.0", 1370 m, RQPC (2021/463), *Pinus peuce*, *Abies alba* mixed with *Fagus sylvatica*, on soil, leaf litter, 13 Nov 2021, leg. QR, det. MK, ST et QR.

**Inonotus hastifer* Pouzar (*Hymenochaetaceae*)

Dragash: Rrenc, N42°05'12.48", E20°39'39.5", 1054 m, mountain pasture, on trunk of *Fagus sylvatica*, 25 Jul 2021, leg. QR, det. MK, ST et QR.

**Kneiffiella abdita* Riebesehl & Langer (*Hyphodontiaceae*)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on fallen branch of *Pinus heldreichii*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Kneiffia subalutacea* (P. Karst.) Bres. (*Hyphodontiaceae*)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on fallen branch of *Pinus halepensis*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Kuehneromyces mutabilis (Schaeff.) Singer & A.H. Sm. (*Strophariaceae*)

Shterpë: Brod, N42°15'55", E21°06'31", 700 m, beech forest, on fallen branch of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK, MP, det. MK et GK.

**Laccaria amethystina* Cooke (*Hydnangiaceae*)

Suharekë: Mushtisht (Gradanc), N42°15'50.0", E20°54'19.0", 1370 m, RQPC (2021/464), *Pinus peuce*, *Abies alba* mixed with *Fagus sylvatica*, on soil, leaf litter, 13 Nov 2021, leg. QR, det. MK, ST et QR.

Laccaria laccata (Scop.) Cooke (*Hydnangiaceae*)

Suharekë: Mushtisht (Gradanc), N42°15'50.0", E20°54'19.0", 1370 m, *Pinus peuce*, *Abies alba* mixed with *Fagus sylvatica*,

on soil, leaf litter, 13 Nov 2021, leg. QR, det. MK, ST et QR.

Lactarius azonites (Bull.) Fr. (*Russulaceae*)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR. - Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Lactarius deliciosus (L.) Gray (*Russulaceae*)

Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR. - Suharekë: Mushtisht (Gradanc), N42°15'50.0", E20°54'19.0", 1370 m, *Pinus peuce*, *Abies alba* mixed with *Fagus sylvatica*, in leaf litter, 13 Nov 2021, leg. QR, det. MK, ST et QR.

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

Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Lactifluus piperatus (L.) Roussel (*Russulaceae*)

Shterpë: N42°13'25", E21°03'03", 900 m, *Quercus cerris* forest, in leaf litter, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Lactifluus vellereus (Fr.) Kuntze (*Russulaceae*)

Prizren: Sredskë, N42°10'11.5", E20°50'57", 700 m, *Alnetum* (close to the river Bistrica), in leaf litter, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

Lentinus arcularius (Batsch) Zmitr. (*Polyporaceae*)

Shterpë: Firajë, N42°15'34", E21°05'10", 730 m, azonal vegetation (*Salix*, *Alnus*, *Populus*), on dead branch of *Salix alba*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR.

**Lepiota castanea* Quél. (*Agaricaceae*)

Prizren: Sredskë, N42°10'11.5", E20°50'57", 700 m, *Alnetum* (close to the river Bistrica), in leaf litter, 9 Oct 2017, MK, GK et MP, det. MK et GK.

**Leucocybe connata* (Schumach.) Vizzini, P. Alvarado, G. Moreno & Consiglio (*Lyophyllaceae*)

Prizren: Prevalla, N42°10'16.0", E20°58'04", 1150 m, RQPC (2019/292), beech forest, in leaf litter, 10 Oct 2019, leg. QR, det. MK et QR.

**Lycoperdon excipuliforme* (Scop.) Pers. (*Agaricaceae*)

Prizren: Prevalla, N42°10'16.0", E20°58'04", 1150 m, beech forest, in leaf litter, 10 Oct 2019, leg. QR, det. MK et QR.

Lycoperdon perlatum Pers. (*Agaricaceae*)

Prizren: Prevalla, N42°10'16.0", E20°58'04", 1150 m, beech forest, in leaf litter, 10 Oct 2019, leg. QR, det. MK et QR.

Lyomyces crustosus (Pers.) P. Karst. (*Schizophoraceae*)

Shterpçë: Brezovica, N42°13'11", E21°00'35", 920 m, *Querco-Carpinetum orientalis*, on fallen branch of *Carpinus orientalis*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR. - Prizren: Sredskë, N42°10'11.5", E20°50'57", 700 m, *Alnetum* (close to the river Bistrica), wood debris, 9 Oct 2017, MK, GK et MP, det. MK et GK.

Marasmius oreades (Bolton) Fr. (*Marasmiaceae*)

Opojë: Kuk, N42°05'48.3", E20°42'46.9", 1100 m, meadow, on soil, leaf litter, 29 Apr 2021, leg. QR et AM, det. MK et QR. - Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Melanoleuca brevipes* (Bull.) Pat. (*Tricholomataceae*)

Prizren: Sredskë, N42°10'11.5", E20°50'57", 700 m, *Alnetum* (close to the river Bistrica), in leaf litter, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

**Melanoleuca graminicola* Kühner & Maire (*Agaricales*)

Opojë: Kuk, N42°05'48.3", E20°42'46.9", 1100 m, RQPC (2021/460), meadow, on soil, leaf litter, 29 Apr 2021, leg. QR et AM, det. MK et QR.

**Mucidula mucida* (Schrad.) Pat. (*Physalacriaceae*)

Suharekë: Mushtisht (Gradanc), N42°15'50.0", E20°54'19.0", 1370 m, *Pinus peuce*, *Abies alba* mixed with *Fagus sylvatica*, on rotten wood of *Fagus sylvatica*, 13 Nov 2021, leg. QR, det. MK, ST et QR. - Prizren: Prevalla, N42°10'16.0", E20°58'04", 1150 m, RQPC (2019/319), beech forest, on dry branch of *Fagus sylvatica*, 10 Oct 2019, leg. QR, det. MK et QR.

**Mycena acicula* (Schaeff.) P. Kumm. (*Mycenaceae*)

Prizren: Prevalla, N42°11'21.3", E20°58'47.5", 1300 m, beech forest, in leaf litter, 28 Apr 2018, leg. MK, MTh, KR et TJ, det. MK et KR.

**Mycena cyanorhiza* Quél. (*Mycenaceae*)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on stump of *Pinus heldreichii*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Mycena galericulata (Scop.) Gray (*Mycenaceae*)

Shterpçë: Brod, N42°15'55", E21°06'31", 700 m, beech forest, on trunk of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK. - Prizren: Sredskë, N42°10'11.5", E20°50'57", 700 m, *Alnetum* (close to the river Bistrica), on dead trunk of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK. - Prizren: Prevalla, N42°10'16.0", E20°58'04", 1150 m, RQPC (2019/311), beech forest, on dry branch of *Fagus sylvatica*, wood debris, 10 Oct 2019, leg. QR, det. MK et QR.

**Mycena pseudocorticola* Kühner (*Mycenaceae*)

Prizren: Sredskë, N42°10'11.5", E20°50'57", 700 m, *Alnetum* (close to the river Bistrica), on bark of living *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

**Mycena renati* Quél. (*Mycenaceae*)

Shterpçë: Brod, N42°15'55", E21°06'31", 700 m, beech forest, on trunk of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK. - Prizren: Sredskë, N42°10'11.5", E20°50'57", 700 m, *Alnetum* (close to the

river Bistrica), on trunk of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

**Mycena sanguinolenta* (Alb. & Schwein.)

P. Kumm (*Mycenaceae*)

Shtërpë: Brod, N42°15'55", E21°06'31", 700 m, beech forest, on trunk of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK. - Prizren: Sredskë, N42°10'11.5", E20°50'57", 700 m, *Alnetum* (close to the river Bistrica), on dry branch of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

**Mycoacia livida* (Pers.) Zmitr. (*Meruliaceae*)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on fallen branch of *Pinus halepensis*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Neoboletus erythropus (Pers.) C. Hahn (*Boletaceae*)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Neoboletus xanthopus (Klofac & A. Urb.) Klofac & A. Urb. (*Boletaceae*)

Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Omphalotus olearius (DC.) Singer (*Omphalotaceae*)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, on trunk cut of *Quercus cerris*, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Oxyporus obducens* (Pers.) Donk (*Oxyporaceae*)

Shtërpë: Brod, N42°15'55", E21°06'31", 700 m, beech forest, on trunk of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

**Panellus stipticus* (Bull.) P. Karst (*Mycenaceae*)

Prizren: Jabllanicë, N42°09'56.6", E20°45'46.6", 1300 m, beech forest, on stump of *Fagus sylvatica*, 21 Apr 2017, leg. AS, det. MK. - Prizren: Sredskë, N42°10'11.5",

E20°50'57", 700 m, *Alnetum* (close to the river Bistrica), on trunk of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

Panus neostrigosus Drechsler-Santos & Wartchow (*Panaceae*)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, on wood and stump of *Quercus frainetto*, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Paxillus rubicundulus* P.D. Orton (*Paxillaceae*)

Prizren: Sredskë, N42°10'11.5", E20°50'57", 700 m, *Alnetum* (close to the river Bistrica), in leaf litter, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

**Peniophora cinerea* (Pers.) Cooke (*Peniophoraceae*)

Prizren: Jabllanicë, N42°09'56.6", E20°45'46.6", 1280 m, beech forest, on dry branches of *Fagus sylvatica*, 16 Nov 2020, leg. QR, det. MK et QR. - Shtërpë: Brod, N42°15'55", E21°06'31", 700 m, beech forest, on dry branches of living *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK. - Prizren: Sredskë, N42°10'11.5", E20°50'57", 700 m, *Alnetum* (close to the river Bistrica), on dry branches of living *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK. - Prizren: Prevalla, N42°10'16", E20°58'04", 1150 m, beech forest, on dry branches of *Corylus avellana*, 28 Apr 2018, leg. MK, MTh, KR et TJ, det. MK et KR.

Peniophora incarnata (Pers.) P. Karst. (*Peniophoraceae*)

Prizren: Sredskë, N42°10'11.5", E20°50'57", 700 m, *Alnetum* (close to the river Bistrica), on fallen branch of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK. - Dragash: Krushevc, N41°59'54", E20°36'56", 1150 m, beech forest, on fallen branch of *Fagus sylvatica*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR.

Peniophora lycii (Pers.) Höhn. & Litsch (*Peniophoraceae*)

Dragash: Krushevc, N41°59'54", E20°36'56", 1150 m, beech forest, on fallen branch of living tree of *Fagus sylvatica*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR.

**Peniophora pini* (Schleich. ex DC.) Boidin (*Peniophoraceae*)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on dry branches of *Pinus heldreichii*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Peniophora quercina (Pers.) Cooke (*Peniophoraceae*)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, dry branches of living *Quercus frainetto*, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Peniophorella pratermissa* (P. Karst.) K.H. Larss. (*Rickenellaceae*)

Prizren: Prevalla, N42°10'16", E20°58'04", 1150 m, beech forest, on fallen branch of *Alnus glutinosa*, 28 Apr 2018, leg. MK, MTh, KR et TJ, det. MK et KR. - Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on fallen branch of *Pinus heldreichii*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Peniophorella pubera (Fr.) P. Karst (*Rickenellaceae*)

Prizren: Sredskë, N42°10'11.5", E20°50'57", 700 m, *Alnetum* (close to the river Bistrica), dry branches of living *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK. - Shterpçë, N42°13'25", E21°03'03", 900 m, *Quercus cerris* forest, on fallen branch of *Quercus cerris*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Phanerochaete laevis* (Fr.) J. Erikss. & Ryvarden (*Phanerochaetaceae*)

Prizren: Prevalla, N42°11'21.3", E20°58'47.5", 1300 m, beech forest, on fallen branch of *Alnus glutinosa*, 28 Apr 2018, leg. MK, MTh, KR et TJ, det. MK et KR. - Shterpçë: Brod, N42°15'55", E21°06'31", 700 m, beech forest, on branch of living *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

Phanerochaete sordida (P. Karst.) J. Erikss. & Ryvarden (*Phanerochaetaceae*)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on fallen branch of *Pinus halepensis*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR. - Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, on fallen branch and stump of *Quercus frainetto*, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Phanerochaete velutina (DC.) P. Karst. (*Phanerochaetaceae*)

Shterpçë: Brod, N42°15'55", E21°06'31", 700 m, beech forest, on fallen branch of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

**Phellinus igniarius* (L.) Quél. (*Hymenochaetaceae*)

Shterpçë: Firajë, N42°15'34", E21°05'10", 730 m, azonal vegetation (*Salix*, *Alnus*, *Populus*), on living tree of *Salix alba*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR.

**Phellinus pomaceus* (Pers.) Maire (*Hymenochaetaceae*)

Prizren: Jabllanicë, N42°10'01.0", E20°46'37.0", 1100 m, beech forest, on living tree of *Prunus* sp., 21 Apr 2017, leg. AS, det. MK.

**Phlebiopsis gigantea* (Fr.) Jülich (*Phanerochaetaceae*)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on fallen branch of *Pinus heldreichii*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Phloeomana hiemalis* (Osbeck) Redhead (*Porotheleaceae*)

Prizren: Sredskë, N42°10'11.5", E20°50'57", 700 m, *Alnetum* (close to the river Bistrica), on bark of living tree of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

Pleurotus pulmonarius (Fr.) Quél. (*Pleiotaceae*)

Shterpçë: Brod, N42°15'55", E21°06'31", 700 m, beech forest, on trunk of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

Pluteus cervinus (Schaeff.) P. Kumm.
(*Pluteaceae*)

Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*, on trunk of *Quercus frainetto*, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR. – Suharekë: Mushtisht (Gradanc), N42°15'50.0", E20°54'19.0", 1370 m, *Pinus peuce*, *Abies alba* mixed with *Fagus sylvatica*, on wood of *Fagus sylvatica*, 13 Nov 2021, leg. QR, det. MK, ST et QR.

**Podofomes mollis* (Sommerf.) Gorjón
(*Polyporaceae*)

Prizren: Prevalla, N42°11'21.3", E20°58'47.5", 1300 m, beech forest, on dry branches of *Corylus avellana*, 28 Apr 2018, leg. MK, MTh, KR et TJ, det. MK et KR. – Shtërpç: Brezovicë, N42°10'47.89", E21°01'46.81", 1687 m, beech forest, on dry branch of *Fagus sylvatica*, 24 Jul 2021, leg. QR, det. MK, ST et QR.

Porostereum spadiceum (Pers.) Hjortstam & Ryvarden (*Polyporaceae*)

Prizren: Prevalla, N42°10'16", E20°58'04", 1150 m, beech forest, on dry branch of *Fagus sylvatica*, 28 Apr 2018, leg. MK, MTh, KR et TJ, det. MK et KR.

**Protostropharia semiglobata* (Batsch) Redhead, Moncalvo & Vilgalys (*Strophariaceae*)

Shtërpçë: Brod, N42°15'55", E21°06'31", 700 m, meadow, on soil, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

Pseudosperma rimosum (Bull.) Matheny & Esteve-Rav. (*Inocybaceae*)

Suharekë: Mushtisht (Gradanc), N42°15'50.0", E20°54'19.0", 1370 m, CFK (2021/465), *Pinus peuce*, *Abies alba* mixed with *Fagus sylvatica*, on soil, leaf litter, 13 Nov 2021, leg. QR, det. MK, ST et QR.

**Psilocybe coronilla* (Bull.) Noordel. (*Hymenogastraceae*)

Shtërpçë: Brod, N42°15'55", E21°06'31", 700 m, meadow, on solil, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

Pycnoporus cinnabarinus (Jacq.) P. Karst. (*Polyporaceae*)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, on fallen branch of *Quercus frainetto*, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR. – Prizren: Kopana Voda, N42°12'31", E20°49'60", 1560 m, CFK (2020/458), beech forest, on dry branch of *Fagus sylvatica*, 16 Nov 2020, leg. QR, det. MK, ST et QR. – Shtërpç: Brezovicë, N42°10'47.89", E21°01'46.81", 1687 m, beech forest, on dry branch and wood of *Fagus sylvatica*, 24 Jul 2021, leg. QR, det. MK, ST et QR.

Ramaria flava (Schaeff.) Quél. (*Gomphaceae*)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Resupinatus striatulus* (Pers.) Murrill (*Pleurotaceae*)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on rotten wood of *Pinus heldreichii*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Rubroboletus rhodoxanthus (Krombh.) Kuan Zhao & Zhu L. Yang (*Boletaceae*)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Russula adusta (Pers.) Fr. (*Russulaceae*)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Russula anthracina Romagn. (*Russulaceae*)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Russula aurea Pers. (*Russulaceae*)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Russula chloroides (Krombh.) Bres. (*Russulaceae*)

Shterpçë, N42°13'25", E21°03'03", 900 m, *Quercus cerris* forest, in leaf litter, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR. – Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Russula cyanoxantha (Schaeff.) Fr. (Russulaceae)

Shterpçë, N42°13'25", E21°03'03", 900 m, *Quercus cerris* forest, in leaf litter, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR. – Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR. – Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Russula emetica* (Schaeff.) Pers. (Russulaceae)

Shterpçë, N42°13'25", E21°03'03", 900 m, *Quercus cerris* forest, in leaf litter, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Russula foetens Pers. (Russulaceae)

Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Russula fragilis Fr. (Russulaceae)

Suharekë: Mushtisht (Gradanc), N42°15'50.0", E20°54'19.0", 1370 m, CFK (2021/465), *Pinus peuce*, *Abies alba* mixed with *Fagus sylvatica*, in leaf litter, 13 Nov 2021, leg. QR, det. MK, ST et QR.

Russula grata Britzelm. (Russulaceae)

Shterpçë, N42°13'25", E21°03'03", 900 m, *Quercus cerris* forest, in leaf litter, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR. – Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Russula grisea Fr. (Russulaceae)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Russula heterophylla (Fr.) Fr. (Russulaceae)

Shterpçë, N42°13'25", E21°03'03", 900 m, *Quercus cerris* forest, in leaf litter, 1 Jun 2018,

leg. MK, KR et TJ, det. MK et KR. – Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Russula maculata Quél. (Russulaceae)

Shterpçë, N42°13'25", E21°03'03", 900 m, *Quercus cerris* forest, in leaf litter, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR. – Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Russula olivacea Pers. (Russulaceae)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Russula risigallina (Batsch) Sacc. (Russulaceae)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Russula squalida Peck (Russulaceae)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Russula subfoetens W.G. Sm. (Russulaceae)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Russula vesca Fr. (Russulaceae)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR. – Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Russula virescens (Schaeff.) Fr. (Russulaceae)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Russula zvarae Velen. (Russulaceae)

Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*,

in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Sarcomyxa serotina* (Pers.) V. Papp
(Mycenaceae)

Suharekë: Mushtisht (Gradanc), N42°15'50.0", E20°54'19.0", 1370 m, CFK (2021/466), *Pinus peuce*, *Abies alba* mixed with *Fagus sylvatica*, on cut trunk of *Fagus sylvatica*, 13 Nov 2021, leg. QR, det. MK, ST et QR.

Schizophyllum commune Fr.
(Schizophyllaceae)

Shtërpë: N42°13'25", E21°03'03", 1100 m, beech forest, on stump of *Fagus sylvatica*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR. - Prizren: Prevalla, N42°11'21.3", E20°58'47.5", 1300 m, beech forest, on fallen branch of *Alnus glutinosa*, 28 Apr 2018, leg. MK, MTh, KR et TJ, det. MK et KR.M. -

Suharekë: Mushtisht (Gradanc), N42°15'50.0", E20°54'19.0", 1370 m, *Pinus peuce*, *Abies alba* mixed with *Fagus sylvatica*, on dry branch of *Pinus peuce*, 13 Nov 2021, leg. QR, det. MK, ST et QR.

Schizopora paradoxa (Schrad.) Donk
(Schizoporaceae)

Shtërpë: Brod, N42°15'55", E21°06'31", 700 m, beech forest, on trunk of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK. - Shtërpë: N42°13'25", E21°03'03", 900 m, *Alnetum*, close to the river, on stump of *Fagus sylvatica*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR. - Kaçanik: Vata - Dubravë, N42°15'12", E21°10'21", 780 m, beech forest, on branch of *Carpinus betulus*, 31 May 2017, leg. MK, EM et KR, det. MK et KR. - Prizren: Prevalla, N42°11'21.3", E20°58'47.5", 1300 m, beech forest, on stump of *Fagus sylvatica*, 28 Apr 2018, leg. MK, MTh, KR et TJ, det. MK et KR. - Shtërpë: Brezovicë, N42°10'47.89", E21°01'46.81", 1687 m, beech forest, on dry branch of *Fagus sylvatica*, 24 Jul 2021, leg. QR, det. MK, ST et QR. - Dragash: Rrenc, N42°05'12.48", E20°39'39.5", 1054 m, mountain pasture, on dry branch of *Fagus sylvatica*, 25 Jul 2021, leg. QR, det. MK, ST et QR. - Dragash: Krushevc, N41°59'54", E20°36'56", 1150 m,

**Scopuloides hydnoides* (Cooke & Massee)
Hjortstam & Ryvarden (Meruliaceae)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on fallen branch of *Pinus heldreichii*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Scitinostroma alutum Lanq. (Peniophoraceae)

Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*, on fallen branch of *Quercus frainetto*, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Sistotrema brinkmannii* (Bres.) J. Erikss.
(Hydnaceae)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on fallen branch of *Pinus heldreichii*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Steccherinum fimbriatum (Pers.) J. Erikss.
(Steccherinaceae)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on fallen branch of *Pinus heldreichii*, 1 Jun 2018, leg. Mk, KR et TJ, det. MK et KR.

Steccherinum ochraceum (Pers. ex J.F. Gmel.) Gray (Steccherinaceae)

Dragash: Krushevc, N41°59'54", E20°36'56", 1150 m, *Alnetum*, close to the river, on dry branch of *Fagus sylvatica*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR. - Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on fallen branch of *Pinus heldreichii*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Stereum hirsutum (Willd.) Pers.
(Stereaceae)

Shtërpë: Brezovicë, N42°10'47.89", E21°01'46.81", 1687 m, beech forest, on dry branch of *Fagus sylvatica*, 24 Jul 2021, leg. QR, det. MK, ST et QR. - Dragash: Rrenc, N42°05'12.48", E20°39'39.5", 1054 m, mountain pasture, on dry branch & wood of *Fagus sylvatica* fallen on ground, 25 Jul 2021, leg. QR, det. MK, ST et QR. - Dragash: Krushevc, N41°59'54", E20°36'56", 1150 m,

Alnetum, close to the river, on fallen branch of *Fagus sylvatica*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR. – Shterpçë: Brezovica, N42°13'11", E21°00'35", 920 m, *Alnetum*, close to the river, on trunk of *Carpinus orientalis*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR. – Prizren: Jabllanicë, N42°10'01.0", E 20°46'37.0", 1100 m, beech forest, on trunk of *Fagus sylvatica*, 21 Apr 2017, leg. AS, det. MK. – Kaçanik: Vata – Dubravë, N42°15'12", E21°10'21", 780 m, beech forest, on trunk of *Cornus mas*, 31 May 2017, leg. MK, EM et KR, det. MK et KR. – Shterpçë: Brod, N42°15'55", E21°06'31", 700 m, beech forest, on trunk of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK. – Prizren: Prevalla, N42°11'21.3", E20°58'47.5", 1300 m, beech forest, on stump of *Fagus sylvatica*, 28 Apr 2018, leg. MK, MTh, KR et TJ, det. MK et KR. – Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*, 5 Jun 2018, on fallen branch of *Quercus frainetto*, leg. MK, KR et TJ, det. MK et KR.

Stereum rugosum Pers. (Stereaceae)

Prizren: Prevalla, N42°11'21.3", E20°58'47.5", 1300 m, beech forest, on stump of *Fagus sylvatica*, 28 Apr 2018, MK, MTh, KR et TJ, det. MK et KR.

**Strobilurus tenacellus* (Pers.) Singer (Physalacriaceae)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on cone of *Pinus heldreichii*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Suillellus luridus (Schaeff.) Murrill (Boletaceae)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR. – Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Suillellus mendax (Simonini & Vizzini) Vizzini, Simonini & Gelardi (Boletaceae)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun

2018, leg. MK, KR et TJ, det. MK et KR. – Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Suillellus queletii (Schulzer) Vizzini, Simonini & Gelardi (Boletaceae)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR. – Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Suillus granulatus (L.) Roussel (Suillaceae)

Prizren: Prevalla ((Mt. Oshlak)), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, in llaf litter, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR. – Shterpçë, N42°13'25", E21°03'03", 900 m, *Quercus cerris* forest, on soil, 1 Jun 2018, MK, KR et TJ, det. MK et KR.

**Szczepkamycetes campestris* (Quél.) Zmitr. (Polyporaceae)

Prizren: Prevalla, N42°11'21.3", E20°58'47.5", 1300m, beech forest, on dry branches of *Corylus avellana*, 28 Jan 2018, MK, MTh, KR et TJ, det. MK et KR.

**Tomentella bryophila* (Pers.) M.J. Larsen (Thelephoraceae)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, woody debris & rotten wood of *Pinus halepensis*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Tomentella ferruginea* (Pers.) Pat. (Tomentellaceae)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, rotten wood of *Quercus frainetto*, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Trametes gibbosa* (Pers.) Fr. (Polyporaceae)

Suharekë: Mushtisht (Gradanc), N42°15'50.0", E20°54'19.0", 1370 m, *Pinus peuce*, *Abies alba* mixed with *Fagus sylvatica*, on dry branch of *Fagus sylvatica*, 13 Nov 2021, leg. QR, det. MK, ST et QR. – Prizren:

Prevalla, N42°11'21.3", E20°58'47.5", 1300 m, beech forest, on stump of *Fagus sylvatica*, 28 Apr 2018, leg. MK, MTh, KR et TJ, det. MK et KR.

Trametes hirsuta (Wulfen) Lloyd
(*Polyporaceae*)

Dragash: Krushevc, N41°59'54", E20°36'56", 1150 m, beech forest, on stump of *Fagus sylvatica*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR. - Prizren: Jabllanicë, N42°10'01.0", E20°46'37.0", 1100 m, beech forest, on stump of *Fagus sylvatica*, 21 Apr 2017, leg. AS, det. MK. - Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*, on dry branch & stump of *Quercus cerris*, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Trametes ochracea (Pers.) Gilb. & Ryvarden (*Polyporaceae*)

Shtërpçë: Brod, N42°15'55", E21°06'31", 700 m, beech forest, on trunk of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

**Trametes pubescens* (Schumach.) Pilat
(*Polyporaceae*)

Shtërpçë: Firajë, N42°15'34", E21°05'10"E, 730 m, azonal vegetation (*Salix*, *Alnus*, *Populus*), on dead trunk of *Alnus glutinosa*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR. - Kaçanik: Vata - Dubravë, N42°15'12", E21°10'21", 780 m, beech forest, on dead trunk of *Betula pendula*, 31 May 2017, leg. MK, EM et KR, det. MK et KR.

**Trametes suaveolens* (L.) Fr.
(*Polyporaceae*)

Shtërpçë: Firajë, N42°15'34", E21°05'10", 730 m, azonal vegetation (*Salix*, *Alnus*, *Populus*), on dead trunk of *Alnus glutinosa*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR.

Trametes versicolor (L.) Lloyd
(*Polyporaceae*)

Prizren: Jabllanicë, N42°10'01", E20°46'37", 1100 m, beech forest, on stump of *Fagus sylvatica*, 21 Apr 2017, leg. AS, det. MK. - Prizren: Prevalla, N42°11'21.3", E20°58'47.5", 1300 m, beech forest, on dry branches of *Corylus avellana*, 28 Apr 2018, leg. MK, MTh, KR et TJ, det. MK et KR. -

Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*, on dry branch of *Quercus cerris*, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR. - Suharekë: Mushtisht (Gradanc), N42°15'50.0", E20°54'19.0", 1370 m, *Pinus peuce*, *Abies alba* mixed with *Fagus sylvatica*, on cut trunk of *Fagus sylvatica*, 13 Nov 2021, leg. QR, det. MK, ST et QR. - Shtërpçë: Brezovicë, N42°10'47.89", E21°01'46.81", 1687 m, beech forest, on dry branch & wood of *Fagus sylvatica*, 24 Jul 2021, leg. QR, det. MK, ST et QR.

**Trechispora farinacea* (Pers.) Liberta
(*Hydnodontaceae*)

Prizren: Prevalla, N42°10'16", E20°58'04", 1150 m, beech forest, on fallen branch of *Fagus sylvatica*, 28 Apr 2018, leg. MK, MTh, KR et TJ, det. MK et KR.

**Trechispora mollusca* (Pers.)
Liberta (*Hydnodontaceae*)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on stump of *Pinus heldreichii*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Trichaptum fuscoviolaceum* (Ehrenb.)
Ryvarden (*Hymenochaetales*)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on fallen tree of *Pinus halepensis*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Tricholoma sejunctum (Sowerby) Quél.
(*Tricholomataceae*)

Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*, among wood debris, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Tricholoma terreum (Schaeff.) P. Kumm.
(*Tricholomataceae*)

Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Tubaria furfuracea* (Pers.) Gillet
(*Tubariaceae*)

Shterpce: Brod, N42°15'55", E21°06'31", 700 m, beech forest, in leaf litter, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

**Tubulicrinis glebulosus* (Fr.) Donk (*Hymenochaetaceae*)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, rotten wood of *Pinus heldreichii*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Tubulicrinis medius* (Bourdot & Galzin) Oberw. (*Hymenochaetaceae*)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, rotten wood of *Pinus halepensis*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Tubulicrinis subulatus* (Bourdot & Galzin) Donk (*Hymenochaetaceae*)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on rotten wood of *Pinus heldreichii*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Typhula fistulosa* (Holmsk.) Olariaga (*Typhulaceae*)

Shterpce: Brod, N42°15'55", E21°06'31", 700 m, beech forest, on fallen branch of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

**Typhula sclerotoides* (Pers.) Fr (*Typhulaceae*)

Prizren: Prevalla, N42°11'21.3", E20°58'47.5", 1300 m, beech forest, on fallen branch of *Fagus sylvatica*, 28 Apr 2018, leg. MK, MTh, KR et TJ, det. MK et KR.

**Vitreoporus dichrous* (Fr.) Ginns (*Meruliaceae*)

Prizren: Prevalla, N42°10'16", E20°58'04", 1150 m, beech forest, on fallen branch of *Fagus sylvatica*, 28 Apr 2018, leg. MK, MTh, KR et TJ, det. MK et KR. - Shterpce: Firajë, N42°15'34", E21°05'10"E, 730 m, azonal vegetation (*Salix*, *Alnus*, *Populus*), on dead branch of *Salix alba*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR.

**Vuilleminia alni* Boidin, Lanq. & Gilles (*Vuilleminiaceae*)

Prizren: Sredskë, N42°10'11.5", E20°50'57", 700 m, *Alnetum* (close to the river Bistrica), on dry branches of living *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK. - Shterpce: Brod, N42°15'55", E21°06'31", 700 m, beech forest, on dry branches of living *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

Vuilleminia comedens (Nees) Maire (*Vuilleminiaceae*)

Dragash: Krushevc, N41°59'54", E20°36'56", 1150 m, beech forest, on stump of *Fagus sylvatica*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR. - Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*, on dry branch of living *Quercus cerris*, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Vuilleminia cystidiata Parmasto (*Vuilleminiaceae*)

Kaçanik: Vata - Dubravë, N42°15'12", E21°10'21", 780 m, beech forest, on dry branches of living *Cornus mas*, 31 May 2017, leg. MK, EM et KR, det. MK et KR.

**Xerocomellus chrysenteron* (Bull.) Šutara (*Boletaceae*)

Prizren: Qadrak, N42°09'52.0", E20°46'29.0", 1230 m, CFK (2020/453), beech forest, on soil, leaf litter, 20 Nov 2020, leg. QR, det. MK, ST et QR. - Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR. - Elez Han: Krivenik, N42°07'24", E21°15'37", 700 m, *Quercetum frainetto-cerris*, among wood debris, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Xerocomellus subtomentosus*(L.) Quél. (*Boletaceae*)

Kaçanik: Glloboçicë, N42°09'14", E21°12'1.46", 900 m, *Quercetum frainetto-cerris*, in leaf litter, 5 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Xeromphalina caoticinalis* (Fr.) Kühner & Maire (*Mycenaceae*)

Suharekë: Mushtisht (Gradanc), N42°15'50.0", E20°54'19.0", 1370 m, *Pinus peuce*, *Abies alba* mixed with *Fagus sylvatica*,

on soil, leaf litter with mosses, 13 Nov 2021, leg. QR, det. MK, ST et QR.

Xylodon asper (Fr.) Hjortstam & Ryvarden (*Schizophoraceae*)

Prizren: Prevalla (Mt. Oshlak), N42°11'05.40", E20°57'12.15", 1600 m, *Pinus heldreichii* forest, on rotten tree of *Pinus halepensis*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

**Xylodon radula* (Fr.) Tura, Zmitr., Wasser & Spirin (*Schizophoraceae*)

Prizren: Prevalla, N42°11'21.3", E20°58'47.5", 1300 m, beech forest, on dry branches of *Corylus avellana*, 28 Apr 2018, leg. MK, MTh, KR et TJ, det. MK et KR.

Xylodon raduloides Riebesehl & Langer (*Schizophoraceae*)

Shterpë, N42°13'25", E21°03'03", 900 m, *Quercus cerris* forest, on fallen branch of *Quercus cerris*, 1 Jun 2018, leg. MK, KR et TJ, det. MK et KR.

Xylodon sambuci (Pers.) Tura (*Schizophoraceae*)

Dragash: Krushevc, N41°59'54", E20°36'56", 1150 m, *Alnetum*, close to the river, on dry branch of *Fagus sylvatica*, 21 Mar 2017, leg. MK, EM et KR, det. MK et KR. - Shterpë: Brod, N42°15'55", E21°06'31", 700 m, beech forest, on fallen branch of *Alnus glutinosa*, 9 Oct 2017, leg. MK, GK et MP, det. MK et GK.

Discussion

As a result of field work and the microscopic examination under LM of the materials, collected from the studied areas in the Sharr Mountains in Kosovo, 244 species of macrofungi are reported. The majority of taxa belongs to *Basidiomycota* (211 species), while 33 species belongs to *Ascomycota*. As for novelties, 95 species were newly identified in the Sharr Mts alone, while 166 species are new to Kosovo. From the collected material, the *Ascomycota* phylum is characterized by 29 species of saprophytes, three species of the genus *Xylaria* (*X. carpophila*, *X. hypoxylon*, *X.*

polymorpha), three of the genus *Hypoxyylon* (*H. fragiforme*, *H. fuscum*, *H. rubiginosum*), two of the genus *Diatrype* (*D. disciformis*, *D. stigma*) and other genera with one species. The saprophilous species from the phylum *Basidiomycota* include 132 species: with six species the genus *Mycena* (*M. acicula*, *M. cyanorhiza*, *M. galericulata*, *M. pseudocorticola*, *M. renati*, *M. sanguinolenta*) and the genus *Trametes* (*T. gibbosa*, *T. hirsuta*, *T. ochracea*, *T. pubescens*, *T. suaveolens*, *T. versicolor*), five species of the genus *Peniophora* (*P. cinerea*, *P. incarnata*, *P. lycii*, *P. pini*, *P. quercina*), four the genus *Xylodon* (*X. asper*, *X. radula*, *X. raduloides*, *X. sambuci*), with three species *Phanerochaete* (*Ph. laevis*, *Ph. sordida*, *Ph. velutina*), the genus *Tubulicrinis* (*T. glebulosus*, *T. medius*, *T. subulatus*), and the genus *Vuilleminia* (*V. alni*, *V. comedens*, *V. cystidiata*). The other genera that are not mentioned above with one or two species.

Mycorrhizal species (66 species) collected belong only to *Basidiomycota* phylum; 19 species of the genus *Russula* (*R. adusta*, *R. anthracina*, *R. aurea*, *R. chloroides*, *R. cyanoxantha*, *R. emetica*, *R. foetens*, *R. fragilis*, *R. grata*, *R. grisea*, *R. heterophylla*, *R. maculata*, *R. olivacea*, *R. risigallina*, *R. squalida*, *R. subfoetens*, *R. vesca*, *R. virescens*, *R. zvarae*); ten species are from the genus *Amanita* (*A. caesarea*, *A. dryophila*, *A. eliae*, *A. franchetii*, *A. lividopallescens*, *A. muscaria*, *A. pantherina*, *A. rubescens*, *A. subnudipes*, *A. vaginata*); three species of *Entoloma* (*E. sericeum*, *E. sinuatum*, *E. vernum*); genus *Lactarius* (*L. azonites*, *L. deliciosus*, *L. zonarius*); genus *Suillellus* (*S. luridus*, *S. mendax*, *S. queletii*). One or two species represent the remaining genera.

In the case of parasitic species of *Ascomycota* two species were recorded from the genus *Hypomyces* (*H. hyalinus*, *H. lateritius*), one from each *Hypoxyylon* (*H. deustum*) and *Rhytisma* (*R. acerinum*), while the parasitic species of the phylum *Basidiomycota* are *A. mellea*, *F. fomentarius*, *F. torulosa*, *G. applanatum*, *H. annosum* and *S. commune*.



Fig. 2. Saprobične vrste iz Ascomycota: 1. *Helvella lacunosa*, 2. *Xylaria polymorpha*,
3. *Xylaria hypoxylon*, *Verpa bohemica*. Photo: Q. Ramshaj.



Fig. 3. Mykorrhizične vrste iz Basidiomycota: 1. *Laccaria laccata*, 2. *Amanita pantherina*, 3. *Amanita muscaria*,
4. *Tricholoma terreum*, 5. *Lactarius deliciosus*, 6. *Russula cyanoxantha*. Photo: Q. Ramshaj.



Fig. 4. Parasitic species of Basidiomycota: 1. *Fomes fomentarius*, 2. *Schizophyllum commune*, 3. *Armillaria mellea*. Photo: Q. Ramshaj.

Noteworthy species are *Zeus olympius*, *Antrodia ramentacea*, *Heterosphaeria patella*, *Kneiffiella abdita* and *Resupinatus striatulus* which are reported as very rare. At an altitude of 1600 m, in Prevalla, the rare species *Zeus olympius* (Minter et al., 1987; Minter, 1996), was found on dead portions of twigs and small branches of Bosnian pine (*Pinus heldreichii* – an endemic Balkan pine), the only place known so far (Karadelev, 2018). According to Stoykov et al. (2014) the known distribution of this species encompasses Bulgaria (Pirin Mts., Mt. Slavyanka, Mt. Vitosha) and Greece (Mt. Olympus, Mt. Pindus). In Northern Macedonia, it was recorded by the Bulgarian mycologist Boris Asyov in September 2016, above Lake Ohrid (Galičica National Park) on dead leaves of *Ostrya carpinifolia* Scop., (Stoykov, 2020). In the Global Fungal Red List, the Current Assessment status for *Z. olympius* is “Under Assessment” and based on IUCN criteria the status for this species is provisionally listed as Critically Endangered on global scale. (Anonymous, 2011).

Antrodia ramentacea (Berk. & Broome) Donk, a species of bracket polypores fungi, wood-decomposing saprotrophic species

(Bzdyk et al., 2019), mostly grows on wood of coniferous trees, like on branches of *Pinus nigra* (Doğan & Kurt, 2016), but sometimes also on hardwood, on dead attached and fallen *Salix* branches (Ainsworth, 2001). In Italy there is extensively, but rare distributed in Sicily, mainly collected in a mixed conifer wood of *Pinus halepensis*, *P. pinea* L., *Cupressus sempervirens* L. and *C. arizonica* Greene (Venturella et al., 2007). It is also listed a rare species in Finland, causing brown rot on dead wood of *Pinus sylvestris* (Niemela 1981). In Kosovo it was found at only one locality (Mt. Oshlak), on trunk of *Pinus heldreichii*.

Heterosphaeria patella (Tode) Grev., species from family *Helotiaceae*, as saprobes on dead or dried plant material (Leuchtmann, 1987), of herbaceous plants as we have found it on herbaceous twigs, beech forest from one locality (Prevalla). *H. patella* can be found on dead stalks of herbaceous plants of *Angelica sylvestris* or on dying stems of *Anthriscus cerefolium* (Hyde et al., 2020).

Kneiffiella abdita Riebesehl & Langer, a saprotrophic species, grows on dead wood of both coniferous and deciduous trees. The only registered location during this study is

Prevalla (rays of the Oshlaku Mountains) in the rich forest area of *Pinus heldreichii*, on fallen branches of *P. heldreichii*. According to Karadelev (2018) it is a very rare species in Kosovo. In the Czech Republic (Holec & Beran, 2006) it is included in the Red List of Macromycetes in the category CR (critically endangered species). Recorded as a rare species it is reported also in Slovakia (Tejklová & Zíbarová, 2020), known from Podunajská nížina Lowlands, on fallen trunks of *Populus* sp.; furthermore in higher elevations in dominated forests by *Fagus*: Vsetínské vrchy hills, near Karolinka, on stump and fallen trunk of *Fagus sylvatica* (Vampola & Vágner 1995) but in accordance with Ryvarden & Melo (2017) the species has preference for *Pinus* likewise.

Resupinatus striatulus (Pers.) Murrill, saprobic species, growing at the bottom of rotten wood mainly on coniferous trees, based on molecular and phylogenetic studies is included in the *Pleurotaceae* family (Thorn et al., 2000; Binder et al., 2005). In Kosovo it is known only one locality (Prevalla, Mt. Oshlak) - an area of Bosnian pine forest (*Pinus heldreichii*), and is evaluated as rare species (Karadelev, 2018), from rotten wood of *Pinus heldreichii*. In adjacent countries it has been recently recorded from Turkey (Akçay, 2021).

The research on fungi in Bosnian pine (*Pinus heldreichii* H. Christ.) is particularly interesting. Bosnian pine is a tertiary relict and endemic to the western Balkans and southern part of the Apennine peninsula. It is an Oro-Mediterranean species occurring at one locality in Sharr Mountains (Prevalla) at altitudes between 1600 and 1700 m. In these surveys, a total of 33 species were registered here, which is undoubtedly a small number of species. Most of the species such as *Amphinema byssoides*, *Exidiopsis calcea*, *Fomitopsis pinicola*, *Heterobasidion annosum*, *Peniophora pini*, *Peniophorella praetermissa*, *Suillus granulatus*, *Strobilurus tenacellus*, *Trichaptum fuscoviolaceum*, as well as the species of the genus *Tubulicrinis* (*T.*

glebulosus, *T. medius*, *T. subulatus*) are common species commonly found in pine forests. In addition, some rare species such as *Antrodia ramentacea*, *Botryobasidium vagum*, *Kneiffiella abdita*, *Resupinatus striatulus* and *Zeus olympius* were collected, which are discussed in more detail above in the text. The ecological requirements of fungi in such forests surely have some particularities which should be studied in the future. The appearance of rare species promises that many interesting finds await future investigators. *P. heldreichii* forests are of key importance for nature conservation, protection against gravitational natural hazards, landscape conservation, and recreation.



Fig. 5. Rare species: 1. *Zeus olympius*, photo Tome Jovanovski, 2. *Resupinatus striatulus*, Photo: Mitko Karadelev.

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