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AN ANNOTATED LIST OF THE LICHENS AND LICHENICOLOUS FUNGI OF THE TETERIV RIVER BASIN (UKRAINE)

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Abstract. First data on lichens of the Teteriv River Basin appeared in the second part of 19th century. First records of lichenicolous fungi in this area were published at the end of the 20th century. An annotated list of lichens and lichenophilous fungi is based on literature data and materials of own researche of lichenobiota of the upper and middle course of the Teteriv river basin. Llist of lichens and lichenicolous fungi of the area includes 300 species. The distribution of 117 species (80 lichens, 37 lichenicolous fungi) are for the first time recorded for area studied. Five species (*Cercidospora macrospora*, *Lichenostigma epipolina*, *Lichenothelia tenuissima*, *Polysporina subfuscescens* і *Taeniolella beschiana*) are new to Ukraine, 7 species (*Anisomeridium polypori*, *Coenogonium pineti*, *Lichenoconium usneae*, *Monodictys epilepraria*, *Rinodina efflorescens*, *Sphaerellothecium propinquellum*, *Taeniolella punctata*) are new for the Ukrainian Plains, while 11 species (*Cornutispora lichenicola*, *Erythricium aurantiacum*, *Heterocephalacria physciacearum*, *Intralichen christiansenii*, *Laetisaria lichenicola*, *Lichenothelia convexa*, *Marchandiomyces corallinus*, *Psoroglaena dictyospora*, *Pyrenochaeta xanthoriae*, *Sarcogyne lapponica*, *Scoliciosporum gallurae*, *Stigmidium xanthoparmeliarum*) are new for the Polissia subprovince of mixed coniferous and broad-leaved forests, and one species is new for the territory of the Ukrainian forest-steppe subprovince. In addition, new information on the distribution of a number of rare to Ukraine lichen and lichenicolous fungal species (*Absconditella lignicola*, *Cornutispora lichenicola*, *Clypeococcum hypocenomycis*, *Lichenochora obscuroides*, *Lichenodiplis lecanorae*, *Marchandiomyces corallinus*, *Psoroglaena dictyospora*, *Sclerococcum sphaerale*, *Strangospora deplanata*, *Thelocarpon epibolum* ect.) is obtained.

Keywords: lichens, lichenicolous fungi, lichenobiota, rare species, Teteriv River, Ukraine.

1. INTRODUCTION

First data on lichens of the Teteriv River Basin appeared in the second part of 19th century [4]. First records of lichenicolous fungi in this area were published at the end of the 20th century [12]. Before our research 181 species of lichens, one lichenicolous fungus (*Trichonectria hirta* (A. Bloxam) Petch) and one epilithic fungus (*Lichenothelia scopularia* (Nyl.) D. Hawksw.) were known in the area. We got an interesting data on lichenobiota of the territory. As a result 117 species are recorded at the first time from the Teteriv River Basin, from them 80 lichens and 37 lichenicolous fungi. An annotated list of species is provided in this paper.

2. Research Objective, Methodology and Data

The Teteriv River flows in the north of Ukraine. It is a right-bank tributary of the Dniper River. The Teteriv River has an overall length of 365 km, a depth of about 1.0–1.5 m and basin of 15,100 km^2. The Teteriv River Basin is located in the northwestern part of the Ukrainian Crystal Shield, which is largely affecting on natural conditions of the area. Rivers Hnylop'yat, Huyva, Zdvyzh and Irsha are the major tributaries of the Teteriv. The main type of land-scape of the area are outwash plains with a crystalline basement. The main types of soils are turf-podzolic, turf-podzol, black and forest soils. River banks are steep, usually to 1–2 m high and often with granite outcrops form coastal rocks. Granite outcrops also form rapids, coastal cliffs, canyons of 25–30 m tall. Most granite outcrops are located at the upper and middle course of the Teteriv River Basin [13].

The climate is temperate continental. Continuity of the climate increases in the direction from northwest to southeast. The average annual temperature is 6–7 °C. Average temperature of July is 19.4 °C, of January is –5.7 °C. Average annual precipitation reaches about 562 mm [14].

The middle and lower courses are located in the forest zone of Ukraine and only the small part of upper course of the Teteriv River Basin is located in the forest-steppe zone of Ukraine. The predominant type of vegetation is forest vegetation accounted for more than half of the area. There are three main types of forest vegetation: 1) basiphilous beech and mixed fir-beech forests; 2) acidophilous oak and oak-birch forests on nutrient-poor soils; and 3) pine forests on nutrient-poor and hydromorphic soils. The distinctive feature of this area is a presence of chasmophytic vegetation of crevices, rocky ledges and faces of rocky cliffs. Ombrophilous lichen communities of siliceous rock surfaces are spread on outcrops of the Crystal Shield and presented mostly by communities of Rhizocarpetea geographici Wirth 1972. Pioneer vegetation on shallow soils on rocky siliceous outcrops on siliceous rocks are common for the whole territory [2, 7, 15].

The data on lichens and lichenicolous fungi were obtained the 2013–2020 within the framework of inventory of lichenobiota of the upper and middle course of the Teteriv river basin Teteriv River Basin. The material was collected using the classic methods of a field sampling. All specimens were identified in laboratory using light microscope [12], special chemicals and modern literature [1, 3, 5, 12]. The nomenclature of taxa of lichenicolous fungi followed the Index Fungorum. The main collected samples of lichenicolous fungi are deposited in the Lichen herbarium of Ukraine (KW-L).

3. Results and Discussion

An Annotated List of the Lichens and *Lichenicolous Fungi* of the Teteriv River Basin is based on published records and own research of the upper and middle course of the river basin. There are 300 species (261 lichens, 39 lichenicolous fungi) 125 genera, 52 families, 28 orders, 11 classes and 2 divisions. Totally 117 taxa (80 lichens, 37 lichenicolous fungi) newly recorded for the area. Five species (*Cercidospora macrospora*, *Lichenostigma epipolina*, *Lichenothelia tenuissima, Polysporina subfuscescens* and *Taeniolella beschiana*) are reported from Ukraine for the first time, 7 species (*Anisomeridium polypori*, *Coenogonium pineti*, *Lichenoconium usneae*, *Monodictys epilepraria, Rinodina efflorescens, Sphaerellothecium propinquellum*, *Taeniolella punctata*) are new for the Ukrainian Plains, while 11 species (*Cornutispora lichenicola*, *Erythricium aurantiacum*, *Heterocephalacria physciacearum*, *Intralichen christiansenii*, *Laetisaria lichenicola*, *Lichenothelia convexa*, *Marchandiomyces corallinus*, *Psoroglaena dictyospora*, *Pyrenochaeta xanthoriae*, *Sarcogyne lapponica*, *Scoliciosporum gallurae*, *Stigmidium xanthoparmeliarum*) are new for the Polissia subprovince of mixed coniferous and broad-leaved forests, and one (*Pronectria leptaleae*) species is new for the territory of the Ukrainian forest-steppe subprovince. In addition, new information on the distribution of a number of rare to Ukraine lichen and lichenicolous fungal species (*Abscondidella lignicola*, *Cornutispora lichenicola*, *Clypeococcum hypocenomycis*, *Lichenochora obscuroides*,

Lichenodiplis lecanorae, Marchandiomyces corallinus, Psoroglaena dictyospora, Sclerococcum sphaerale, Strangospora deplanata, Thelocarpon epibolum ect.) is obtained.

List of species

! = Taxa added as new for the area.

LF = Lichenicolous fungi.

!***Abrothallus caerulescens*** I. Kotte **LF**
!***Abscondidella lignicola*** Vězda & Pišút
Acarospora fuscata (Nyl.) Th. Fr.
!***Acarospora oligospora*** v. ***pachnea*** H. Magn.
Acarospora veronensis A. Massal.
!***Acrocordia gemmata*** (Ach.) A. Massal.
!***Ainoa mooreana*** (Carroll) Lumbsch & I. Schmitt
Alyxoria varia (Pers.) Ertz & Tehler
Amandinea punctata (Hoffm.) Coppins & Scheid.
Anaptychia ciliaris (L.) Körb. ex A. Massal.
!***Anisomeridium polypori*** (Ellis & Everh.) M.E. Barr
!***Reichlingia anombrophila*** *(Coppins & P. James) Frisch*
Arthonia dispersa (Schrad.) Nyl., Lich. Scand.
!***Arthonia epiphyscia*** Nyl. **LF**
!***Arthonia phaeophysciae*** Grube et Matzer **LF**
Arthonia radiata (Pers.) Ach., K.
!***Arthothelium lirellans*** (Almq.) Coppins
Aspicilia albomarginata B. de Lesd.
Aspicilia cinerea (L.) Körb.
Aspicilia reticulata Kremp.
Athallia cerinella (Nyl.) Arup
Athallia holocarpa (Hoffm.) Arup
Athallia pyracea (Ach.) Arup
!***Athelia arachnoidea*** (Berk.) Jülich, Willdenowia **LF**
Bacidia bagliettoana (A. Massal. & De Not.) Jatta
Bacidia phacodes Körb.
!***Bellemerea cupreoatra*** (Nyl.) Clauzade & Cl. Roux
!***Biatora globulosa*** (Flörke) Fr.
!***Blastenia crenularia*** (With.) Arup, Søchting & Frödén
!***Bryostigma muscigenum*** (Th. Fr.) Frisch & G. Thor
Buellia badia (Fr.) A. Massal.
Buellia schaereri De Not.
Calicium lenticulare Ach.
Calicium trabinellum (Ach.) Ach.
Calogaya decipiens (Arnold) Arup
Calogaya pusilla (A. Massal.) Arup, Frödén & Søchting
Calogaya saxicola (Hoffm.) Vondrák
Caloplaca cerina (Hedw.) Th. Fr. *var.* ***cerina***
Candelaria concolor (Dicks.) Arnold
!***Candelariella aurella*** (Hoffm.) Zahlbr.
!***Candelariella coralliza*** (Nyl.) H. Magn.
!***Candelariella reflexa*** (Nyl.) Lettau
Candelariella vitellina (Hoffm.) Müll. Arg.
Candelariella xanthostigma (Pers. ex Ach.) Lettau

!***Catillaria chalybeia*** (Borrer) A. Massal.
!***Catillaria nigroclavata*** (Nyl.) J. Steiner
!***Cercidospora crozalsiana*** (H. Olivier) Nav.-Ros., Cl. Roux & Casares, Cryptog. Bryol.-Lichénol. 16(2): 100 (1995) **LF**
!***Cercidospora macrospora*** (Uloth) Hafellner & Nav.-Ros., Lichen Flora of the Greater Sonoran Desert Region (Tempe) 2: 638 (2004) **LF**
Cetraria sepincola (Ehrh.) Ach.
Chaenotheca ferruginea (Turner) Mig.
Chaenotheca furfuracea (L.) Tibell
!***Chaenotheca stemonea*** (Ach.) Müll. Arg.
!***Chaenotheca trichialis*** (Ach.) Hellb.
!***Circinaria calcarea*** (L.) A. Nordin, Savić & Tibell
Circinaria contorta (Hoffm.) A. Nordin
Cladonia arbuscula (Wallr.) Flot. ***subsp. arbuscula***
!***Cladonia bacilliformis*** (Nyl.) Sarnth.
Cladonia botrytes (K.G. Hagen) Willd.
!***Cladonia cariosa*** (Ach.) Spreng.
!***Cladonia carneola*** (Fr.) Fr.
Cladonia cenotea **var.** ***crassota*** Nyl.
Cladonia cervicornis (Ach.) Flot. ***subsp. cervicornis***
Cladonia chlorophaea (Flörke ex Sommerf.) Spreng.
Cladonia coccifera (L.) Willd.
Cladonia coniocraea (Flörke) Spreng.
Cladonia cornuta (L.) Hoffm.
Cladonia crispata (Ach.) Flot.
!***Cladonia cyanipes*** (Sommerf.) Nyl.
Cladonia deformis (L.) Hoffm.
Cladonia fimbriata (L.) Fr.
Cladonia floerkeana (Fr.) Flörke
Cladonia furcata (Huds.) Schrad. *subsp.* ***furcata***
!***Cladonia glauca*** Flörke
Cladonia gracilis (L.) Willd.
!***Cladonia grayi*** G. Merr. ex Sandst.
Cladonia macilenta Hoffm.
Cladonia mitis Sandst.
!***Cladonia ochrochlora*** Flörke
Cladonia parasitica (Hoffm.) Hoffm.
Cladonia phyllophora Ehrh. ex Hoffm.
Cladonia pleurota (Flörke) Schaer.
!***Cladonia pocillum*** (Ach.) O.J. Rich.
!***Cladonia portentosa*** (Dufour) Coem.
Cladonia pyxidata (L.) Hoffm.
!***Cladonia ramulosa*** (With.) J.R. Laundon
Cladonia rangiferina (L.) Weber ex F.H. Wigg.
Cladonia rangiformis Hoffm.
Cladonia rei Schaer.
!***Cladonia scabriuscula*** (Delise) Leight.
Cladonia squamosa (Scop.) Hoffm.
Cladonia subulata (L.) Weber ex F.H. Wigg.

Cladonia turgida Ehrh. ex Hoffm.
Cladonia uncialis (L.) Weber ex F.H. Wigg.
!***Clypeococcum hypocenomycis*** D. Hawksw. **LF**
!***Coenogonium pineti*** (Ach.) Lücking & Lumbsch
Collema flaccidum (Ach.) Ach.
!***Cornutispora lichenicola*** D. Hawksw. & B. Sutton **LF**
Dermatocarpon miniatum (L.) W. Mann ***var. miniatum***
Diploschistes scruposus (Schreb.) Norman
!***Erythricium aurantiacum*** (Lasch) D. Hawksw. & A. Henrici **LF**
Evernia divaricata (L.) Ach.
Evernia mesomorpha Nyl.
Evernia prunastri (L.) Ach.
Flavoparmelia caperata (L.) Hale
Flavoplaca citrina (Hoffm.) Arup, Frödén & Søchting
!***Fuscidea lygaea*** (Ach.) V. Wirth & Vězda
Graphis scripta (L.) Ach.
Hertelidea botryosa (Fr.) Printzen & Kantvilas
!***Heterocephalacria physciacearum*** (Diederich) Millanes & Wedin **LF**
Hypocenomyce scalaris (Ach. ex Lilj.) M. Choisy
Hypogymnia farinacea Zopf
Hypogymnia physodes (L.) Nyl.
Hypogymnia tubulosa (Schaer.) Hav.
Hypotrachyna revoluta (Flörke) Hale
Imshaugia aleurites (Ach.) S.L.F. Mey.
!***Intralichen christiansenii*** (D. Hawksw.) D. Hawksw. & M.S. Cole **LF**
Julella fallaciosa (Stizenb. ex Arnold) R.C. Harris
!***Laetisaria lichenicola*** Diederich, Lawrey & Van den Broeck **LF**
!***Lecania cyrtella*** (Ach.) Th. Fr.
!***Lecania cyrtellina*** (Nyl.) Sandst.
!***Lecania dubitans*** (Nyl.) A.L. Sm.
!***Lecania naegelii*** (Hepp) Diederich & van den Boom
Lecanora albella (Pers.) Ach.
!***Lecanora albellula*** (Nyl.) Th. Fr. *var.* ***albellula***
!***Lecanora allophana*** (Ach.) Nyl.
Lecanora alpigena (Ach.) Cl. Roux
Lecanora argentata (Ach.) Röhl.
Lecanora carpinea (L.) Vain.
!***Lecanora conizaeoides*** Nyl. ex Cromb. *f.* ***conizaeoides***
Lecanora leptyrodes G.B.F. Nilsson
Lecanora lithophila Oxner
Lecanora populicola (DC.) Duby
Lecanora pulicaris (Pers.) Ach.
Lecanora rupicola (L.) Zahlbr. *var.* ***rupicola***
!***Lecanora saligna*** (Schrad.) Zahlbr.
Lecanora symmicta (Ach.) Ach.
Lecanora umbrina (Ach.) A. Massal.
!***Lecanora varia*** (Hoffm.) Ach.
Lecidea fuscoatra (L.) Ach.
Lecidea lapicida (Ach.) Ach.

Lecidea lithophila (Ach.) Ach.
Lecidella elaeochroma (Ach.) M. Choisy *f.* ***elaeochroma***
!***Lecidella euphorea*** (Flörke) Hertel
Lecidella stigmatea (Ach.) Hertel & Leuckert
!***Lendemeriella borealis*** (Vain.) S.Y. Kondr.
Lepra albescens (Huds.) Hafellner
Lepra amara (Ach.) Hafellner
!***Lepraria elobata*** Tønsberg
Lepraria incana (L.) Ach.
!***Lepraria lobificans*** Nyl.
Lepraria membranacea (Dicks.) Vain.
!***Lichenochora obscuroides*** (Linds.) Triebel & Rambold **LF**
!***Lichenoconium erodens*** M.S. Christ. & D. Hawksw. **LF**
!***Lichenoconium lecanorae*** (Jaap) D. Hawksw. **LF**
!***Lichenoconium usneae*** (Anzi) D. Hawksw. **LF**
!***Lichenodiplis lecanorae*** (Vouaux) Dyko & D. Hawksw. **LF**
!***Lichenostigma cosmopolites*** Hafellner & Calat. **LF**
!***Lichenostigma epipolina*** Nav.-Ros., Calat. & Hafellner **LF**
!***Lichenothelia convexa*** Henssen **LF**
Lichenothelia scopularia (Nyl.) D. Hawksw.
!***Lichenothelia tenuissima*** Henssen.
Lobaria pulmonaria (L.) Hoffm.
!***Marchandiomyces corallinus*** (Roberge) Diederich & D. Hawksw. **LF**
Melanelia subargentifera (Nyl.) Essl.
Melanelia subaurifera (Nyl.) Essl.
Melanelixia fuliginosa (Fr. ex Duby) O. Blanco, A. Crespo, Divakar, Essl., D. Hawksw. & Lumbsch
Melanelixia glabratula (Lamy) Sandler & Arup
Melanohalea exasperata (De Not.) O. Blanco, A. Crespo, Divakar, Essl., D. Hawksw. & Lumbsch
Melanohalea exasperatula (Nyl.) O. Blanco, A. Crespo, Divakar, Essl., D. Hawksw. & Lumbsch
Melanohalea olivacea (L.) O. Blanco, A. Crespo, Divakar, Essl., D. Hawksw. & Lumbsch
!***Micarea prasina*** Fr.
!***Monodictys epilepraria*** Kukwa et Diederich **LF**
Montanelia sorediata (Ach.) Divakar, A. Crespo, Wedin & Essl.
!***Muellerella erratica*** (A. Massal.) Hafellner & V. John **LF**
!***Muellerella pygmaea*** (Körb.) D. Hawksw. **LF**
Nephroma parile (Ach.) Ach.
Nephromopsis chlorophylla (Willd.) Divakar, A. Crespo & Lumbsch
Ochrolechia arborea (Kreyer) Almb.
Olegblumia demissa (Flot. ex Körb.) S.Y. Kondr., Lőkös, Jung Kim, A.S. Kondr., S.O. Oh & Hur
Oxneria fallax (Arnold) S.Y. Kondr. & Kärnefelt
!***Pachyphiale fagicola*** (Arnold) Zwackh
Palicella filamentosa (Stirt.) Rodr. Flakus & Printzen
Parmelia saxatilis (L.) Ach.
Parmelia sulcata Taylor
Parmelina tiliacea (Hoffm.) Hale
Parmotrema tinctorum (Despr. ex Nyl.) Hale
Peltigera canina (L.) Willd.

Peltigera didactyla (With.) J.R. Laundon
Peltigera horizontalis (Huds.) Baumg.
Peltigera lepidophora (Vain.) Bitter
Peltigera malacea (Ach.) Funck
!***Peltigera membranacea*** (Ach.) Nyl.
Peltigera polydactylon (Neck.) Hoffm.
Peltigera praetextata (Flörke ex Sommerf.) Zopf
Peltigera rufescens (Weis) Humb.
Peridiothelia fuliguncta (Norman) D. Hawksw.
Pertusaria coccodes **(**Ach.) Nyl.
!***Pertusaria pertusa*** (L.) Tuck.
Phaeographis dendritica (Ach.) Müll. Arg.
Phaeophyscia ciliata (Hoffm.) Moberg
!***Phaeophyscia endococcina*** (Körb.) Moberg
!***Phaeophyscia hirsuta*** (Mereschk.) Essl.
!***Phaeophyscia nigricans*** (Flörke) Moberg
Phaeophyscia orbicularis **(**Neck.) Moberg
!***Phlyctis agelaea*** (Ach.) Flot.
!***Phlyctis argena*** (Ach.) Flot.
Physcia adscendens H. Olivier
Physcia aipolia (Ehrh. ex Humb.) Fürnr.
Physcia caesia (Hoffm.) Hampe ex Fürnr.
Physcia dubia (Hoffm.) Lettau
Physcia stellaris *(L.) Nyl.*
Physcia tenella (Scop.) DC.
Physcia tribacia var. ***tribacia*** (Ach.) Nyl.
!***Physconia detersa*** (Nyl.) Poelt
Physconia distorta (With.) J.R. Laundon
!***Physconia enteroxantha*** (Nyl.) Poelt
Physconia grisea (Lam.) Poelt
!***Physconia pulverulenta*** (Schreb.) Poelt
Placopyrenium trachyticum (Hazsl.) Breuss
Placynthiella dasaea (Stirt.) Tønsberg
!***Placynthiella icmalea*** (Ach.) Coppins & P. James
!***Placynthiella oligotropha*** (J.R. Laundon) Coppins & P. James
Placynthiella uliginosa (Schrad.) Coppins & P. James
Platismatia glauca **(**L.) W.L. Culb. & C.F. Culb.
Pleurosticta acetabulum (Neck.) Elix & Lumbsch, in Lumbsch, Kothe & Elix
Polycauliona candelaria (L.) Frödén, Arup & Søchting,
Polycauliona polycarpa (Hoffm.) Frödén, Arup & Søchting
Polyozosia dispersa *(Pers.) S.Y. Kondr., L. Lőkös & Farkas*
!***Polyozosia hagenii*** *(Ach.) S.Y. Kondr., L. Lőkös & Farkas*
!***Polyozosia sambuci*** *(Pers.) S.Y. Kondr., L. Lőkös & Farkas*
Polysporina simplex (Taylor) Vězda
!***Polysporina subfuscescens*** (Nyl.) K. Knudsen & Kocourk. **LF**
!***Pronectria leptaleae*** (J. Steiner) Lowen **LF**
Protoparmeliopsis muralis (Schreb.) M. Choisy
Pseudevernia furfuracea (L.) Zopf var. ***furfuracea***
Pseudoschismatomma rufescens (Pers.) Ertz & Tehler

!***Psoroglaena dictyospora*** (Orange) H. Harada
Punctelia subrudecta (Nyl.) Krog
!***Pyrenochaeta xanthoriae*** Diederich **LF**
!***Pyrenodesmia aractina*** (Fr.) S.Y. Kondr.
!***Pyrenodesmia atroflava*** (Turner) S.Y. Kondr.
Ramalina baltica Lettau
!***Ramalina calicaris*** (L.) Röhl.
!***Ramalina dilacerata*** (Hoffm.) Hoffm.
Ramalina farinacea (L.) Ach.
Ramalina fraxinea (L.) Ach.
Ramalina pollinaria (Westr.) Ach.
Rhizocarpon distinctum Th. Fr.
Rhizocarpon eupetraeum (Nyl.) Arnold
Rhizocarpon geographicum (L.) DC.
Rhizocarpon grande (Flörke ex Flot.) Arnold
!***Rhizocarpon lavatum*** (Ach.) Hazsl.
Rhizocarpon petraeum (Wulfen) A. Massal.
Rhymbocarpus neglectus (Vain.) Diederich & Etayo
!***Rinodina efflorescens*** Malme
!***Rinodina exigua*** (Ach.) Gray
!***Rinodina oxydata*** (A. Massal.) A. Massal.
!***Rinodina pyrina*** (Ach.) Arnold
Rinodina teichophila (Nyl.) Arnold
!***Sarcogyne lapponica*** (Ach. ex Schaer.) K. Knudsen & Kocourk.
Sarcogyne privigna (Ach.) A. Massal.
!***Sarcogyne regularis*** Körb.
!***Sclerococcum sphaerale*** (Ach.) Fr. **LF**
Sclerophora pallida (Pers.) Y.J. Yao & Spooner
Scoliciosporum chlorococcum (Graewe ex Stenh.) Vězda
!***Scoliciosporum gallurae*** Vězda & Poelt, in Nimis & Poelt
!***Scoliciosporum umbrinum*** (Ach.) Arnold
!***Sphaerellothecium propinquellum*** (Nyl.) Cl. Roux & Triebel **LF**
!***Stigmidium fuscatae*** (Arnold) R. Sant. **LF**
!***Stigmidium squamariae*** (B. de Lesd.) Cl. Roux et Triebel **LF**
!***Stigmidium xanthoparmeliarum*** Hafellner **LF**
!***Strangospora deplanata*** (Almq.) Clauzade & Cl. Roux, Bull.
!***Taeniolella beschiana*** Diederich **LF**
!***Taeniolella phaeophysciae*** D. Hawksw. **LF**
!***Taeniolella punctata*** M.S. Christ. & D. Hawksw. **LF**
!***Thelocarpon epibolum*** Nyl.
Trapelia coarctata (Turner) M. Choisy
Trapelia involuta (Taylor) Hertel
!***Trapelia obtegens*** (Th. Fr.) Hertel, Vortr. GesGeb. Bot. 4: 181 (1970)
Trapeliopsis flexuosa (Fr.) Coppins & P. James
!***Trapeliopsis granulosa*** (Hoffm.) Lumbsch
!***Trapeliopsis viridescens*** (Schrad.) Coppins & P. James
Trichonectria hirta (A. Bloxam) Petch **LF**
Usnea ceratina Ach.
Usnea florida (L.) Weber ex F.H. Wigg.

Usnea glabrescens (Nyl. ex Vain.) Vain.
Usnea hirta (L.) Weber ex F.H. Wigg.
Usnea subfloridana Stirt.
Verrucaria aethiobola Wahlenb.
Verrucaria nigrescens Pers. ***f. nigrescens***
Vulpicida pinastri (Scop.) J.-E. Mattsson & M.J. Lai
Xanthoparmelia conspersa (Ehrh. ex Ach.) Hale
Xanthoparmelia pulla (Ach.) O. Blanco, A. Crespo, Elix, D. Hawksw. & Lumbsch
Xanthoparmelia somloënsis (Gyeln.) Hale, in Ahti, Brodo & Noble
!***Xanthoparmelia verrucella*** (Essl.) O. Blanco, A. Crespo, Elix, D. Hawksw. & Lumbsch
!***Xanthoria calcicola*** Oxner
!***Xanthoria elegans*** (Link) Th. Fr.
Xanthoria parietina (L.) Th. Fr. var. ***parietina***
Xanthoria polessica S.Y. Kondr. & A.P. Yatsyna
!***Xanthoriicola physciae*** (Kalchbr.) D. Hawksw. **LF**

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Капець Надія. Анотований писок лишайників та ліхенофільних грибів басейну річки Тетерів (Україна). *Журнал Прикарпатського університету імені Василя Стефаника*, **7** (4) (2020), 76–85.

Перші відомості про лишайники басейну річки Тетерів датуються другою половиною XIX ст., тоді як перша інформація про знахідки ліхенофільних грибів у межах цієї території з'явились лише наприкінці XX ст. У статті наводиться анотований список лишайників та ліхенофільни грибів, що ґрунтується на літературних даних та матеріалах власних досліджень ліхенобіоти верхньої та середньої течії басейну р. Тетерів. Анотований список включає 300 видів (261 вид лишайників та 39 видів ліхенофільних грибів). Вперше для території досліджень вказується поширення 117 видів (80 видів лишайників та 37 видів ліхенофільних грибів). Вперше для України виявлено місцезростання 5 видів (*Cercidospora macrospora*, *Lichenostigma epipolina*, *Lichenothelia tenuissima, Polysporina subfuscescens* і *Taeniolella beschiana*), тоді як 7 видів (*Anisomeridium polypori*, *Coenogonium pineti*, *Lichenoconium usneae*, *Monodictys epilepraria, Rinodina efflorescens, Sphaerellothecium propinquellum*, *Taeniolella punctata*) наводяться вперше для її рівнинної частини. У результаті досліджень вдалось суттєво доповнити відомості про поширення низки цікавих та рідкісних для України лишайників і ліхенофільних грибів. Зокрема, знахідки 11 видів (*Cornutispora lichenicola*, *Erythricium aurantiacum*, *Heterocephalacria physciacearum*, *Intralichen christiansenii*, *Laetisaria lichenicola*, *Lichenothelia convexa*, *Marchandiomyces corallinus*, *Psoroglaena dictyospora*, *Pyrenochaeta xanthoriae*, *Sarcogyne lapponica*, *Scoliciosporum gallurae*, *Stigmidium xanthoparmeliarum*) є першими для території Поліської підпровінції хвойно-широколистяних лісів, поширення ще 1 виду (*Pronectria leptaleae*) – наведено вперше для Української лісостепової підпровінції. Окрім того під час досліджень в межах басейну річкиТетерів виявлено нові місцезростання низки рідкісних для України видів (*Absconditella lignicola*, *Cornutispora lichenicola*, *Clypeococcum hypocenomycis*, *Lichenochora obscuroides, Lichenodiplis lecanorae, Marchandiomyces corallinus*, *Psoroglaena dictyospora, Sclerococcum sphaerale*, *Strangospora deplanata*, *Thelocarpon epibolum* ect.).

Ключові слова: лишайники, ліхенофільні гриби, ліхенобіота, рідкісні види, басейн річки Тетерів, Україна.