

БИОРАЗНООБРАЗИЕ, СИСТЕМАТИКА,
ЭКОЛОГИЯ

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New Species for Regional Mycobiotas of Russia. 6. Report 2021

© 2021 г. S. V. Volobuev^{1,*}, S. Yu. Bolshakov¹, Yu. R. Khimich², A. G. Shiryaev³,
Yu. A. Rebriev⁴, K. O. Potapov⁵, E. S. Popov¹, V. I. Kapitonov⁶, M. A. Palamarchuk⁷,
L. B. Kalinina¹, D. A. Kosolapov⁷, I. V. Stavishenko³, L. G. Perevedentseva⁸,
V. A. Vlasenko⁹, O. N. Ezhov¹⁰, D. V. Kirillov⁷, V. N. Botyakov¹¹, E. A. Palomozhnykh¹,
V. S. Botalov¹², E. A. Zvyagina^{13, 14}, T. Dejiddmaa¹⁵, A. V. Leostrin¹, A. A. Efimova¹⁶,
E. A. Borovichev², N. V. Shakhova¹, A. S. Shishigin⁸, A. V. Vlasenko⁹, and I. V. Zmitrovich¹

¹ Komarov Botanical Institute of the Russian Academy of Sciences,
197376 Saint Petersburg, Russia

² Institute of North Industrial Ecology Problems – subdivision of the Kola Science Centre of the Russian Academy of Sciences,
184209 Apatity, Russia

³ Institute of Plant and Animal Ecology, Ural Branch of the Russian Academy of Sciences,
620144 Ekaterinburg, Russia

⁴ Southern Scientific Centre of the Russian Academy of Sciences, 344006 Rostov-on-Don, Russia
⁵ Kazan Federal University, 420008 Kazan, Russia

⁶ Tobolsk Complex Scientific Station of the Ural Branch of the Russian Academy of Sciences,
626152 Tobolsk, Russia

⁷ Institute of Biology of Komi Science Centre of the Ural Branch of the Russian Academy of Sciences,
167982 Syktyvkar, Russia

⁸ Perm State University, 614990 Perm, Russia

⁹ Central Siberian Botanical Garden of the Siberian Branch of the Russian Academy of Sciences,
630090 Novosibirsk, Russia

¹⁰ N. Laverov Federal Center for Integrated Arctic Research, 163000 Arkhangelsk, Russia

¹¹ Saint Petersburg Mycological Society, 190005 St. Petersburg, Russia

¹² Perm State Agricultural and Technological University named after Academician D.N. Pryanishnikov,
614000 Perm, Russia

¹³ Lomonosov Moscow State University, 119991 Moscow, Russia

¹⁴ Surgut State University, 628412 Surgut, Russia

¹⁵ Plant Protection Research Institute of Mongolia, 17024 Ulaanbaatar, Mongolia

¹⁶ Kostroma State Historical, Architectural and Art Museum-Reserve, 156000 Kostroma, Russia

*e-mail: sergvolobuev@binran.ru

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A total of 11 ascomycete and 116 basidiomycete species have been recorded for the first time from 30 administrative regions of Russia: Kabardino-Balkar Republic (6 species), Karachay-Cherkess Republic (1), Komi Republic (19), Republic of Bashkortostan (4), Republic of Dagestan (1), Republic of Mordovia (7), Republic of Tatarstan (12), Tyva Republic (5), Udmurt Republic (1), Krasnodar Krai (2), Perm Krai (5), Arkhangelsk Oblast (3), Astrakhan Oblast (1), Chelyabinsk Oblast (7), Kaliningrad Oblast (1), Kirov Oblast (4), Kostroma Oblast (9), Leningrad Oblast (13), Lipetsk Oblast (1), Murmansk Oblast (4), Novgorod Oblast (1), Oryol Oblast (1), Penza Oblast (1), Rostov Oblast (1), Sverdlovsk Oblast (4), Tyumen Oblast (10), Vologda Oblast (4), Yaroslavl Oblast (10), Saint Petersburg (1), Khanty-Mansi Autonomous Okrug (2 species). An annotated species list containing the data on location, substrate, habitat type and voucher numbers is provided. *Favolaschia calocera*, *Hygrophorus exiguus*, and *Laetisaria lichenicola* are reported as the first records in Russia. *Acanthophysellum minor*, *Albatrellus citrinus*, *Flammula pinicola*, *Leptosporomyces montanus*, and *Tubulicrinis regificus* are recorded in Russia for the second time. *Gibbera andromedae*, *Lindtneria trachyspora*, *Rhodocollybia fodiens*, *Rosenscheldia abundans*, *Scutigera pes-caprae*, and *Xerocomellus cisalpinus* are reported for the third time. Sequences of ITS nuclear ribosomal DNA from specimens of *Hygrophorus exiguus* and *Riopa metamorphosa* have been generated and submitted to the GenBank database.

Keywords: Ascomycota, Basidiomycota, biodiversity, fungal distribution, Russia

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INTRODUCTION

The present report is the sixth in the series of articles devoted to the new regional records of fungi (Bolshakov et al., 2016, 2018, 2020; Svetasheva et al., 2017; Volobuev et al., 2019).

An annotation record includes the data on species location, substrate, habitat, and herbarium documentation. The material was loaded in LE (Saint Petersburg), SVER (Ekaterinburg), SYKO (Syktyvkar), INEP (Apatity), NSK (Novosibirsk), AR (Arkhangelsk) herbaria as well as in the private collections of Yuriy A. Rebriev – YuR (Rostov-on-Don), Kim O. Potapov – PK (Kazan), Elena A. Zvyagina – EZ (Surgut). Duplicates of all specimens are stored in LE.

MATERIALS AND METHODS

Material was collected and identified by the authors abbreviated as follows: Sergey V. Volobuev (SV), Sergey Yu. Bolshakov (SB), Yuliya R. Khimich (YuKh), Anton G. Shiryayev (ASh), Yuriy A. Rebriev (YuR), Kim O. Potapov (KP), Eugene S. Popov (EP), Vladimir I. Kapitonov (VK), Marina A. Palamarchuk (MP), Lyudmila B. Kalinina (LK), Denis A. Kosolapov (DK), Iraida V. Stavishenko (IS), Lidiya G. Pervedentseva (LP), Vyacheslav A. Vlasenko (VV), Artyom V. Leostrin (AL), Anna A. Efimova (AE), Anastasiya V. Vlasenko (AV), and other experts indicated in the text.

To shorten the names of administrative regions of Russia we have used the international standard codes ISO 3166-2:RU (ISO, 2010). Republic of Crimea was abbreviated as KM.

Data on the fungal species distribution in Russia (abbreviated as **D**) is based on the updated database on *Agaricomycetes* diversity (Bolshakov et al., 2017), as well as other papers partly referenced in previous reports (Bolshakov et al., 2016; Svetasheva et al., 2017). Detailed information on the specimens examined is listed after the letter “S”.

RESULTS

ASCOMYCOTA

DOTHIDEOMYCETES

Catinellales

Catinella olivacea (Batsch) Boud. – new for Republic of Dagestan. **D** – BRY, IVA, MO, MOS, KIR, PRI, PSK, STA, TA. **S** – Republic of Dagestan, Tabasaransky Dist., Ersi, 42.00048° N, 48.00422° E, on fallen trunk of *Fagus orientalis* in beech forest, 12.09.2020, coll. SV, det. EP (LE F-334429).

Mytilinidiales

Lophium mytilinum (Pers.) Fr. – new for Rostov Oblast. **D** – LEN, MOS, MUR, PRI, PSK, SPE. **S** – Rostov Oblast, Sholokhovskiy Dist., Veshenskaya, 49.63718° N,

41.72005° E, on rotten wood of *Pinus sylvestris* in pine plantation, 06.10.2006, coll. and det. EP (LE 304470).

Venturiales

Coleroa robertiani (Fr.) E. Müll. – new for Leningrad Oblast. **D** – KDA, PRI, PSK, SE, SMO. **S** – Leningrad Oblast, Vyborgskiy Dist., Gogland Island, 60.09403° N, 26.95341° E, on living leaves of *Geranium robertianum* in swampy black alder forest, 05.08.2007, coll. and det. EP (LE 222545).

Gibbera andromedae (Rehm) E. Müll. et Arx – new for Saint Petersburg. **D** – KHM, PSK. **S** – Saint Petersburg, Kurortny Dist., Sestroretskaya Lowland sanctuary, 60.12010° N, 30.00962° E, on living leaves of *Andromeda polifolia* in sphagnum-dominated bog, 17.06.2008, coll. and det. EP (LE 222600).

Dothideomycetes incertae sedis

Rosenscheldia abundans (Dobroizr.) Petr. – new for Vologda Oblast. **D** – LEN, PSK. **S** – Vologda Oblast, Kirillovskiy Dist., Russky Sever National park, 60.15392° N, 38.55242° E, on living stems of *Prunella vulgaris* in pasture, 18.08.2002, coll. and det. EP (LE 236251).

SORDARIOMYCETES

Boliniales

Camarops microspora (P. Karst.) Shear – new for Vologda Oblast. **D** – AMU, LEN, PRI, PSK, YAR. **S** – Vologda Oblast, Kirillovskiy Dist., Russky Sever National park, Kovarzino, 60.15698° N, 38.57032° E, on fallen branch of *Alnus incana* in tall-herb spruce forest, 26.08.2002, coll. and det. EP (LE 304466).

Coronophorales

Bertia moriformis (Tode) De Not. – new for Vologda Oblast. **D** – AMU, BEL, KAM, KDA, KHA, LEN, MAG, MOS, MUR, PRI, PSK, SE, SMO, SPE, TVE. **S** – Vologda Oblast, Kirillovskiy Dist., Russky Sever National park, Kovarzino, 60.15805° N, 38.56361° E, on rotten deciduous wood in tall-herb spruce forest, 26.08.2002, coll. and det. EP (LE 247128).

Xylariales

Biscogniauxia nummularia (Bull.) Kuntze – new for Karachay-Cherkess Republic. **D** – KDA, KHA, PRI. **S** – Karachay-Cherkess Republic, Karachayevskiy Dist., Teberda Nature Reserve, Teberda, 43.41833° N, 41.7255° E, on fallen trunk of *Fagus orientalis* in mixed mountain fir-beech forest (alt. 1405 m), 06.08.2009, coll. and det. EP (LE 235832).

B. repanda (Fr.) Kuntze – new for Vologda Oblast. **D** – ALT, AMU, BA, CHE, IVA, KAM, KEM, KHA, KHM, KIR, KOS, KRS, LEN, MO, MOS, MUR, NVS, PER, PRI, PSK, RYA, SMO, SPE, SVE, TVE, YAR. **S** – Vologda Oblast, Kirillovskiy Dist., Russky Sever National park, Kovarzino, 60.16200° N, 38.56496° E, on snag of *Sorbus aucuparia* in old-growth spruce-aspen forest, 16.08.2002, coll. and det. EP (LE 236250).

Daldinia loculata (Lév.) Sacc. – new for Leningrad Oblast and Republic of Mordovia. **D** – KAM, KHM, KR,

MO, MUR, PSK, SVE, TUL. **S** – Leningrad Oblast, Vyborgsky Dist., Beryozovy Islands sanctuary, Severny Beryozovy Island, 60.45492° N, 28.45567° E, on snag of *Betula* sp. in mixed pine-birch forest, 14.07.2005, coll. and det. EP (LE 247452); Gogland Island, Suurkylä, 60.09198° N, 26.97497° E, on burned trunk of *Betula pendula* in burned pine forest, 06.08.2007, coll. and det. EP (LE 222556). Republic of Mordovia, Temnikovskiy Dist., Mordovskiy Nature Reserve, 54.8054° N, 43.5226° E, on trunk of *Betula* sp. in burned birch forest, 17.07.2011, coll. SB, det. EP (LE 304434).

D. vernicosa Ces. et De Not. – new for Kaliningrad Oblast. **D** – AST, CU, PSK, MOS, ROS, STA, TUL. **S** – Kaliningrad Oblast, Zelenogradskiy Dist., Svetlogorsk, 54.93166° N, 20.14955° E, on dead trunk of *Corylus avellana* in mixed forest, 04.10.2011, coll. and det. EP (LE 247708).

BASIDIOMYCOTA

AGARICOMYCETES

Agaricales

Apioperdon pyriforme (Schaeff.) Vizzini – new for Komi Republic. **D** – widespread species. **S** – Komi Republic, Syktyvdinsky Dist., 61.598002° N, 50.510273° E, on soil in mixed forest, 13.09.2019, coll. MP, det. YuR (YuR 3427, dupl. LE F-334440).

Bovista paludosa Lév. – new for Tyumen Oblast. **D** – AL, IRK, KM, KO, KYA, MAG. **S** – Tyumen Oblast, Tobolskiy Dist., Klepalova, 58.33416° N, 68.41848° E, on mosses in fen, 03.08.2020, coll. VK, det. YuR (LE 321868).

Chrysomphalina grossula (Pers.) Norvell, Redhead et Ammirati – new for Leningrad Oblast. **D** – KC, KYA, MOW, PRI. **S** – Leningrad Oblast, Lomonosovskiy Dist., Chernaya Lakhta, zakaznik “Lebyazhiy”, 59.97228° N, 29.26659° E, on old stump of *Picea abies* in mixed coniferous-broadleaf forest, 05.12.2020, coll. and det. E.A. Palomozhnykh (LE 315734).

Clavaria rosea Fr. – new for Komi Republic. **D** – ARK, KGD, KR, LEN, MUR, NGR, ORL, PER, SVE, TOM, TUL, YAN. **S** – Komi Republic, Troitsko-Pechorskiy Dist., Pechora-Ilych Nature Reserve, Yaksha, 61.82328° N, 56.83960° E, on soil in meadow, 03.09.2009, coll. and det. MP (SYKOf 3522, dupl. LE F-334446).

Coprinopsis cortinata (J.E. Lange) Gminder – new for Leningrad Oblast. **D** – KYA, PER, SAM, SPE. **S** – Leningrad Oblast, Lomonosovskiy Dist., Orzhitsy, 59.75733° N, 29.71271° E, on soil in abandoned park with *Tilia*, *Acer*, *Ulmus*, 31.07.2018, 10.08.2018, coll. and det. LK (LE F-331405, LE F-331578); Lopukhinka, 59.74000° N, 29.41265° E, on soil in bank of the Lopukhinka River, 10.08.2018, coll. and det. LK (LE F-331462).

Crinipellis scabella (Alb. et Schwein.) Murrill – new for Leningrad Oblast. **D** – AL, ALT, AST, CHU, IRK, KGD, KK, KM, KYA, LIP, NGR, NVS, PER, PNZ, PRI, ROS, RYA, SAM, VOR, YAN. **S** – Leningrad Oblast, Kingiseppskiy Dist., Kaibolovo, 59.57065° N, 28.83758° E, on fallen twigs of deciduous trees in *Ulmus* stands on an island inside the riverbed, 29.08.2018, 09.09.2018, coll. and det. LK (LE F-331745, LE F-331746).

Crucibulum laeve (Huds.) Kambly – new for Komi Republic. **D** – widespread species. **S** – Komi Republic, Syktyvkar, Ezhva, old cemetery, 61.81021° N, 50.74106° E, on

twigs in mixed forest with *Betula*, *Picea*, *Pinus*, 28.09.2019, coll. and det. MP (SYKOf 3163, dupl. LE F-334447).

Cyathus stercoreus (Schwein.) De Toni – new for Kabardino-Balkar Republic. **D** – AMU, BEL, KHA, KK, KYA, LEN, LIP, NVS, PRI, ROS, SVE, UD. **S** – Kabardino-Balkar Republic, Elbrusskiy Dist., Tyrnauz, 43.36667° N, 42.90000° E, on the faeces of ungulates in pastured dry meadow, 11.10.2018, coll. and det. YuR (YuR 3564, dupl. LE 321846).

Disciseda hyalothrix (Cooke et Masee) Hollós – new for Kabardino-Balkar Republic. **D** – ALT, ROS. **S** – Kabardino-Balkar Republic, Elbrusskiy Dist., Tyrnauz, 43.36667° N, 42.90000° E, on soil in pastured dry meadow, 11.10.2018, coll. and det. YuR (YuR 3563, dupl. LE 321847).

Entoloma byssisedum (Pers.) Donk – new for Republic of Tatarstan. **D** – AD, IRK, KGD, KHA, KO, LEN, NGR, NVS, PER, PRI, PSK, RYA, SAK, SAM, TOM, TVE, TYU, UD, VGG, VLG, YAN. **S** – Republic of Tatarstan, Tukayevskiy Dist., Nizhnyaya Kama National Park, 55.81168° N, 52.45026° E, on fallen trunk of deciduous tree in pine-dominated forest with spruce, 27.08.2020, coll. and det. KP (PK 11288, dupl. LE 321856).

E. chytrophilum Wölfel, Noordel. et Dähncke – new for Republic of Tatarstan. **D** – AL, ALT, KC, KO, MOS, NGR, NVS, VLG. **S** – Republic of Tatarstan, Tukayevskiy Dist., Nizhnyaya Kama National Park, 55.84963° N, 52.44653° E, on fallen strongly destroyed trunk of deciduous tree in pine-dominated forest with linden and maple, 27.08.2020, coll. and det. KP (LE 321857).

E. sinuatum (Bull.) P. Kumm. – new for Republic of Tatarstan. **D** – AD, BEL, BRY, KDA, KGD, KM, KR, KYA, LEN, LIP, NVS, SEV, TOM, VGG, VOR. **S** – Republic of Tatarstan, Yelabuzhskiy Dist., Nizhnyaya Kama National Park, 55.72702° N, 51.81758° E, on soil in oak forest, 14.09.2017, coll. and det. KP (PK 11281, dupl. LE 321858).

E. vernum S. Lundell – new for Republic of Tatarstan. **D** – BRY, KC, KIR, KLU, KO, KR, KYA, LEN, LIP, MOS, MUR, NGR, NVS, PER, PNZ, PSK, RYA, SE, SPE, SVE, TOM, TUL, UD, YAR. **S** – Republic of Tatarstan, Yelabuzhskiy Dist., Nizhnyaya Kama National Park, 55.73115° N, 51.96360° E, on soil in pine-dominated forest with birch, 25.04.2016, coll. and det. KP (PK 11308, dupl. LE 321859).

Favolaschia calocera R. Heim – new for Russia. **S** – Krasnodar Krai, Sochi, Khosta, Agur gorge, 43.5544° N, 39.8218° E, on fallen deciduous twig, 17.07.2015, coll. and det. V. N. Botyakov (LE 321852).

Flammula pinicola (Jacobsson) Noordel. – new for Leningrad Oblast. **D** – TVE. **S** – Leningrad Oblast, Vyborgskiy Dist., Veshchevo, 60.6689° N, 29.2842° E, on stump of *Pinus sylvestris* in green moss pine forest, 04.10.2020, coll. and det. LK (LE F-332071).

Hydropus marginellus (Pers.) Singer – new for Perm Krai. **D** – AL, ALT, KHA, KYA, NGR, NVS, PRI, PSK, TOM, YEV. **S** – Perm Krai, Dobryanskiy Dist., “Verkhnyaya Kvazhva” protected area, 58.3913° N, 56.3611° E, on dead wood in herb-rich birch forest, 06.08.2012, coll. V. S. Botalov, det. LP (LE F-334410).

Hygrophorus exiguus E. Larss., E. Campo et M. Carbone – new for Russia. **S** – Leningrad Oblast, Kingiseppskiy Dist., Perelesye, 59.64111° N, 28.99108° E, among mosses in mixed forest (*Picea abies*, *Ulmus* sp., *Populus tremula*, *Coryl-*

lus avelana), 09.10.2020, coll. and det. LK (LE F-332070). GenBank accession number – MZ889446.

Laccaria pumila Fayod – new for Leningrad Oblast. **D** – AL, CHU, IRK, KC, KGD, KHM, KO, KR, KYA, MAG, MUR, NEN, NVS, SA, TA, TY, YAN. **S** – Leningrad Oblast, Lomonosovsky Dist., Orzhitsy, 59.75733° N, 29.71271° E, on soil in abandoned park with *Tilia*, *Acer*, *Ulmus*, 23.07.2018, coll. and det. LK (LE F-331587).

Limacella glioderma (Fr.) Maire – new for Republic of Tatarstan. **D** – AL, ALT, IRK, JEW, KHA, KLU, KR, LEN, MOS, NVS, PER, PNZ, PRI, SAM, SPE, SVE, TOM, TUL, ULY. **S** – Republic of Tatarstan, Baltasinsky Dist., “Yaltra” forest, 56.34486° N, 50.16466° E, on soil in spruce forest with aspen, 29.08.2018, coll. and det. KP (PK 10722, dupl. LE 321863); Tukayevsky Dist., Nizhnyaya Kama National Park, 55.85994° N, 52.49274° E, on soil in linden forest with aspen and pine, 04.09.2018, coll. and det. KP (PK 10501, dupl. LE 321864).

Lindtneria trachyspora (Bourdot et Galzin) Pilát – new for Chelyabinsk Oblast. **D** – PRI, SVE. **S** – Chelyabinsk Oblast, Miass area, Ilimensky Nature Reserve, Bolshoye Miassovo, 55.169° N, 60.302° E, on fallen branch together with *Lyomyces juniperi* in almost open *Juniperus communis* stands, 03.08.2015, coll. and det. ASH (SVRF(F) 92991, dupl. LE F-334487).

Lycoperdon caudatum J. Schröt. – new for Komi Republic. **D** – AD, ALT, AMU, ARK, BU, IRK, KC, KDA, KGD, KHA, KHM, KYA, MOS, NGR, PRI, RYA, SAK, SE, SVE, TA, TOM, YEY. **S** – Komi Republic, Syktyvdinsky Dist., Lezym, 61.45899° N, 50.5225° E, on litter in spruce green moss forest, 25.07.2019, coll. MP, det. YuR (LE F-334450).

L. lambinonii Demoulin – new for Komi Republic. **D** – AD, AL, ARK, CHE, IRK, KAM, KC, KDA, KYA, MAG, MO, MOS, NGR, PRI, ROS, RYA, SVE, TOM, TYU, ULY, YAN. **S** – Komi Republic, Syktyvdinsky Dist., Lezym, 61.45899° N, 50.5225° E, on soil in spruce green moss forest, 25.07.2019, coll. MP, det. YuR (LE F-334451).

L. nigrescens Pers. – new for Komi Republic. **D** – AL, ALT, AMU, ARK, CHE, CHU, KGD, KHA, KHM, KK, KM, KR, KYA, LEN, MAG, MO, MOS, MUR, NVS, PNZ, PRI, PSK, ROS, RYA, SE, SVE, TA, TOM, TVE, TYU, VGG, YAN, YEY. **S** – Komi Republic, Troitsko-Pechorsky Dist., Pechora-Ilych Nature Reserve, Yaksha, 61.82066° N, 56.84167° E, on litter in meadow, 20.08.2019, coll. MP, det. YuR (SYKOf 3270, dupl. LE F-334452).

L. pratense Pers. – new for Kabardino-Balkar Republic. **D** – AD, AL, ALT, AMU, ARK, AST, BEL, BU, DA, IRK, KC, KGD, KK, KM, KO, KRS, KYA, LIP, MO, MOS, NGR, NVS, PER, PNZ, PRI, PSK, ROS, RYA, SA, SAK, SE, SPE, SVE, TA, TOM, TY, UD, VOR, YAN. **S** – Kabardino-Balkar Republic, Elbrusky Dist., Tyrnyauz, 43.40000° N, 42.90000° E, on soil in pastured dry meadow, 10.10.2018, coll. and det. YuR (YuR 3556, dupl. LE 321849).

Marasmius wynneae Berk. et Broome – new for Novgorod Oblast. **D** – AL, ALT, BEL, IRK, KDA, KHA, KHM, KIR, KK, KM, KRS, LEN, LIP, MOS, NVS, PER, PNZ, PRI, ROS, RYA, SAM, SEV, SPE, TA, TOM, TUL, ULY, VGG, VOR, YAR. **S** – Novgorod Oblast, Chudovsky Dist., Krasnofarforny, 59.12334° N, 31.81430° E, on litter in floodplain oak forest, 25.07.2019, coll. and det. LK (LE F-331610).

Merismodes anomala (Pers.) Singer – new for Tyva Republic. **D** – AL, ALT, ARK, CHE, KYA, LEN, MOS, MOW, MUR, NIZ, NVS, OMS, PNZ, PSK, SA, SMO, SPE, SVE, TOM, TVE, YAN. **S** – Tyva Republic, Kaa-Khemsy Dist., Ondumsky zakaznik, 51.78025° N, 94.71445° E, on fallen trunk of *Betula microphylla* in reverine larch forest, 11.08.2020, coll. AV, det. VV (NSK 1014546, dupl. LE F-334475); Piy-Khemsy Dist., Khutinsky zakaznik, 52.6551° N, 94.54587° E, on fallen trunk of *Salix* sp. in cedar-spruce-larch forest, 16.08.2020, coll. AV, det. VV (NSK 1014642, dupl. LE F-334476, NSK 1014645, dupl. LE F-334477).

Nidularia deformis (Willd.) Fr. – new for Komi Republic. **D** – AL, ARK, BEL, IRK, KR, KRS, LEN, MAG, MOS, NGR, PNZ, PSK, ROS, RYA, SAK, SPE, SVE, TA, TOM, TVE, VOR. **S** – Komi Republic, Syktyvkar, Krasnaya gora stow, 61.67953° N, 50.86664° E, on wood chips in stand of willows, 12.10.2018, coll. Kirillov D.V., det. Kirillov D.V., MP (LE F-334453).

Pluteus thomsonii (Berk. et Broome) Dennis – new for Leningrad Oblast. **D** – AD, CHU, IRK, KAM, KC, KM, KYA, LIP, MAG, MOS, ORE, PNZ, PRI, PSK, ROS, RYA, SAM, SPE, TA, TUL, UD, VGG. **S** – Leningrad Oblast, Lomonosovsky Dist., Orzhitsy, 59.75733° N, 29.71271° E, on standing in abandoned park with *Tilia*, *Acer*, *Ulmus*, 31.07.2018, coll. wood and det. LK (LE F-331586).

Radulomyces molaris (Chaillet ex Fr.) M.P. Christ. – new for Kostroma Oblast. **D** – BEL, BRY, CHE, DA, KC, KDA, KGD, KM, KRS, LEN, LIP, MO, NIZ, OMS, ORL, PER, ROS, RYA, SAM, SPE, SVE, TUL, VGG, VOR. **S** – Kostroma Oblast, Kostromskoy Dist., “Aganinskaya Dubrava” forest area, 57.83064° N, 40.86569° E, on dead branches of a living *Quercus robur* in herb-rich oak forest, 03.09.2020, coll. AL and AE, det. SV (LE F-334435).

Ramariopsis tenuiramosa Corner – new for Arkhangelsk Oblast. **D** – BA, CHE, IRK, KHM, KO, KR, KYA, LEN, MOS, MUR, NIZ, ORL, PER, PRI, SA, SAM, SPE, SVE, TOM, TY, YAN, ZAB. **S** – Arkhangelsk Oblast, Plesetsky Dist., Sheleksa, 62.8939° N, 40.2963° E, on soil in herb-rich larch forest, 18.09.2020, coll. O. N. Ezhov, det. I. V. Zmitrovich (AR 3463, dupl. LE F-334498).

Resupinatus applicatus (Batsch) Gray – new for Arkhangelsk Oblast. **D** – AL, ALT, AST, IRK, KHA, KHM, KM, KO, KYA, LEN, LIP, NGR, NVS, PRI, PSK, ROS, RYA, SA, SAM, SMO, SPE, YEY, ZAB. **S** – Arkhangelsk Oblast, Pinezhsky Dist., Pinezhsky Nature Reserve, 64.6880° N, 43.1832° E, on fallen trunk of *Populus tremula* in aspen forest, 31.08.2017, coll. O. N. Ezhov, det. I. V. Zmitrovich (AR 3103); 64.5645° N, 43.1699° E, on fallen trunk of *Salix* sp. in mixed coniferous-deciduous forest, 08.09.2018, coll. O. N. Ezhov, det. I. V. Zmitrovich (AR 3272).

Rhodocollybia fodiens (Kalchbr.) Antonín et Noordel. – new for Perm Krai. **D** – KHM, KO. **S** – Perm Krai, Gremyachinsky Dist., Basegi Nature Reserve, 58.9339° N, 58.4854° E, on litter in spruce forest, 31.07.2015, coll. Yu. A. Chelakova, det. LP and Yu. A. Chelakova (LE F-334412).

Tricholoma aurantium (Schaeff.) Ricken – new for Leningrad Oblast. **D** – AL, KB, KC, KK, KYA, PER, SPE, TA, UD, VLG. **S** – Leningrad Oblast, Volosovsky Dist., Pyataya Gora, 59.43977° N, 29.75081° E, on soil in mixed coniferous-broadleaf forest, 09.09.2020, coll. and det. E. A. Palomozhnykh (LE 315687).

Tricholoma batschii Gulden ex Mort. Chr. et Noordel. – new for Perm Krai. **D** – KDA, KM, SEV. **S** – Perm Krai, Osinsky Dist., “Osinskaya Lesnaya Dacha” protected area, 57.2932° N, 55.1367° E, on soil in pine forest, 21.09.2019, coll. D.V. Patrakova, det. LP, A.S. Shishigin and D.V. Patrakova (LE F-334411).

Tulostoma brumale Pers. – new for Kabardino-Balkar Republic. **D** – AL, ALT, AST, BEL, KGD, KK, KM, KYA, LIP, MO, NVS, ROS, SAR, SVE, TA, TUL, TVE, VOR. **S** – Kabardino-Balkar Republic, Elbrusky Dist., Tyrnyauz, 43.38333° N, 42.88333° E, on soil in pastured dry meadow, 10.10.2018, coll. and det. YuR (YuR 3555, dupl. LE 321850).

T. fimbriatum Fr. – new for Kabardino-Balkar Republic. **D** – AL, ALT, AST, BEL, BU, KM, KYA, LIP, PNZ, ROS, RYA, STA, SVE, TA, TY, VGG, VOR, ZAB. **S** – Kabardino-Balkar Republic, Elbrusky Dist., Tyrnyauz, 43.36667° N, 42.90000° E, on soil in pastured dry meadow, 11.10.2018, coll. and det. YuR (YuR 3559, dupl. LE 321851).

Volvariella murinella (Quél.) M.M. Moser ex Dennis, P.D. Orton et Hora – new for Leningrad Oblast. **D** – KM, KYA, LIP, NGR, NVS, PRI, PSK, SAM, SVE, TVE, UD, ULY. **S** – Leningrad Oblast, Lomonosovsky Dist., Orzhitsy, 59.75733° N, 29.71271° E, on soil in abandoned park with *Tilia*, *Acer*, *Ulmus*, 31.07.2018, 05.08.2018, coll. and det. LK (LE F-331573, LE F-331433).

V. surrecta (Knapp) Singer – new for Leningrad Oblast and Perm Krai. **D** – AMU, KM, SPE, TA. **S** – Leningrad Oblast, Kingisssepsky Dist., Velikino, 59.63117° N, 28.60372° E, on basidiomata of *Clitocybe nebularis* in deciduous-coniferous forest, 27.09.2019, coll. D.A. Tomchin, det. O.V. Morozova (LE 315688). Perm Krai, Permsky Dist., “Andronovskiy Les” protected area, 57.95295° N, 56.15226° E, on basidiomata of *Clitocybe nebularis* in spruce forest, 19.09.2020, coll. N.D. Tatarinov, det. LP, N.D. Tatarinov, and V. S. Botalov (LE F-334409).

Atheliales

Athelia salicum Pers. – new for Komi Republic. **D** – ARK, CE, CHE, KGD, KR, LEN, MOS, MUR, ORE, ORL, PER, PRI, PSK, ROS, SE, SVE, VGG. **S** – Komi Republic, Pechorsky Dist., Yugyd Va National Park, 64.96492° N, 59.16906° E, on fallen branch of *Juniperus* sp. in birch forest, 03.07.2019, coll. and det. DK (SYKOf 5032, dupl. LE F-334441).

Leptosporomyces montanus (Jülich) Ginns et M.N.L. LeFebvre – new for Komi Republic. **D** – TYU. **S** – Komi Republic, Vuktylsky Dist., Yugyd Va National Park, 64.15719° N, 59.39192° E, on fallen trunk of *Larix sibirica* in larch-spruce forest, 26.07.2020, coll. and det. DK (SYKOf 5273, dupl. LE F-334449).

Auriculariales

Aporpium caryae (Schwein.) Teixeira et D.P. Rogers – new for Republic of Tatarstan. **D** – ARK, BRY, DA, IRK, IVA, KAM, KGD, KHM, KIR, KLU, KO, KR, LEN, MOS, MUR, NGR, NIZ, ORL, PRI, PSK, RYA, SAM, SPE, SVE, TOM, TVE, TY, VOR. **S** – Republic of Tatarstan, Zelenodolsky Dist., Volzhsko-Kamsky Nature Reserve, Raifa, 55.89456° N, 48.72661° E, on fallen deciduous trunk in pine-dominated forest, 23.08.2016, coll. and det. KP (PK 11173, dupl. LE 321855).

Pseudohydnum gelatinosum (Scop.) P. Karst. – new for Tyva Republic. **D** – AD, AL, AMU, ARK, BRY, CE, IRK, IVA, KDA, KHA, KHM, KLU, KO, KR, KYA, LEN, LIP, MAG, MO, MOS, MOW, NGR, PER, PRI, PSK, RYA, SAK, SE, SMO, SPE, SVE, TA, TOM, TVE, TYU. **S** – Tyva Republic, Kyzylsky Dist., Tapsinsky zakaznik, 51.92527° N, 94.97682° E, on fallen trunk of *Larix sibirica* in aspen-birch-larch forest, 10.08.2020, coll. AV, det. VV (NSK 1014648, dupl. LE F-334478); Piy-Khemsy Dist., Khutinsky zakaznik, 52.7174° N, 94.78968° E, on fallen trunk of *Larix sibirica* in larch forest, 12.08.2020, coll. AV, det. T. Dejidmaa (NSK 1014643, dupl. LE F-334479).

Boletales

Hydnomerulius pinastris (Fr.) Jarosch et Besl – new for Tyumen Oblast. **D** – CU, KK, KR, LEN, MUR, NIZ, ORE, PER, SPE, SVE, UD. **S** – Tyumen Oblast, Tobolsky Dist., Irtyshatskie Yurty, 58.06020° N, 68.31409° E, on fallen trunk of *Picea obovata* in forest edge with logging residues, 22.09.2020, coll. and det. VK (LE F-334420).

Pisolithus arhizus (Scop.) Rauschert – new for Khanty-Mansi Autonomous Okrug and Komi Republic. **D** – AST, BU, KM, KRS, LEN, ROS, SEV, SPE, SVE, VGG. **S** – Khanty-Mansi Autonomous Okrug, Surgutsky Dist., Lyantor, 61.61102° N, 72.17303° E, on soil in open site in pine forest, 16.08.2020, coll. A. Emrtzev, det. E.A. Zvyagina (EZ2008160, dupl. LE 312658). Komi Republic, Troitsko-Pechorsky Dist., Pechora-Ilych Nature Reserve, Yaksha, 61.82965° N, 56.85674° E, on soil in lichen pine forest, 19.08.2019, coll. and det. MP (SYKOf 3138, dupl. LE F-334454).

Rhizopogon luteolus Fr. – new for Khanty-Mansi Autonomous Okrug and Komi Republic. **D** – IRK, KGD, KK, KR, KYA, LEN, MO, NVS, ROS, SVE, TVE, VLG, VOR. **S** – Khanty-Mansi Autonomous Okrug, Surgutsky Dist., Barsovo, 61.25133° N, 73.20699° E, on soil in pine forest, 07.09.2020, coll. and det. E.A. Zvyagina (EZ200907295, dupl. LE 312657). Komi Republic, Ust-Vymsky Dist., Belyy protected area, 62.11589° N, 50.46703° E, on soil in lichen pine forest, 02.10.2020, coll. and det. MP (SYKOf 3424, dupl. LE F-334455).

Scleroderma bovista Fr. – new for Komi Republic. **D** – AD, BEL, KDA, KK, KR, KRS, LEN, LIP, MO, MOS, PNZ, PRI, ROS, RYA, SAR, SMO, SPE, STA, SVE, TA, TOM, TUL, TVE, UD, VGG. **S** – Komi Republic, Syktyvdinsky Dist., Kechchoyag, 61.96093° N, 50.66666° E, on soil among grass in pine forest, 23.09.2020, coll. and det. MP (SYKOf 3518, dupl. LE F-334456).

Serpula himantoides (Fr.) P. Karst. – new for Tyumen Oblast. **D** – AL, ARK, IRK, KHA, KHM, KIR, KO, KR, KYA, LEN, MO, MUR, NIZ, NVS, ORE, ORL, PER, PRI, PSK, RYA, SAK, SAM, SPE, SVE, TVE, VLG, ZAB. **S** – Tyumen Oblast, Uvatsky Dist., Gornoslinkino, 58.71621° N, 68.70135° E, on fallen trunk of *Picea obovata* in mixed forest with spruce, fir, aspen and birch, 16.09.2012, coll. and det. VK (LE F-334426).

Xerocomellus cisalpinus (Simonini, H. Ladurner et Peintner) Klofac – new for Republic of Tatarstan. **D** – SPE, VGG. **S** – Republic of Tatarstan, Zelenodolsky Dist., Vasilyevo, 55.82976° N, 48.68946° E, on soil under *Tilia cordata* on roadside, 02.08.2012, coll. and det. KP and T.Yu. Sveta-sheva (PK 10277, dupl. LE 311902).

X. ripariellus (Redeuilh) Šutara – new for Perm Krai. **D** – LEN, NGR, UD. **S** – Perm Krai, Permsky Dist., “Chernyayevsky Les” protected area, 57.9916° N, 56.1803° E, on soil under the poplars and willows, 20.08.2020, coll. LP, and A. S. Shishigin det. LP and V.S. Botalov (LE F-334413).

Cantharellales

Botryobasidium isabellinum (Fr.) D.P. Rogers – new for Tyumen Oblast. **D** – widespread species. **S** – Tyumen Oblast, Tobolsk, 58.27575° N, 68.46689° E, on fallen trunk of *Populus tremula* in aspen forest with birch and linden, 01.09.2020, coll. and det. VK (LE F-334428).

B. laeve (J. Erikss.) Parmasto – new for Komi Republic. **D** – ARK, BEL, BRY, DA, KGN, KHM, KLU, KM, KR, KYA, LEN, LIP, MO, MOS, MUR, NGR, NIZ, ORL, PER, PSK, ROS, SAM, SPE, SVE, TA, TOM, TVE, TYU, YAN. **S** – Komi Republic, Pechorsky Dist., Yugyd Va National Park, 64.96842° N, 59.17394° E, on fallen trunk of *Larix sibirica* in larch forest, 09.07.2019, coll. and det. DK (SYKOf 5089, dupl. LE F-334443); Vuktylsky Dist., Yugyd Va National Park, 64.14894° N, 59.39192° E, on fallen branch of *Pinus sibirica* in mixed forest (spruce, larch, birch, pine), 20.07.2020, coll. and det. DK (SYKOf 5281, dupl. LE F-334444).

B. obtusisporum J. Erikss. – new for Murmansk Oblast. **D** – AL, IRK, KDA, KHM, KIR, KO, KR, KYA, LEN, ORL, PER, PRI, SPE, SVE, TVE, YAN. **S** – Murmansk Oblast, jurisdictional territory of the city of Kirovsk, Oktyabrsky, 67.45439° N, 34.28098° E, on fallen trunk of *Pinus sylvestris* in pine-birch forest, 15.08.2017, coll. and det. YuKh (INEP 2279); Jurisdictional territory of the town of Pol-yarnye Zori, Lysaya Mountain, 67.43214° N, 32.47606° E, on fallen trunk of coniferous tree in forest belt, 14.07.2020, coll. G.P. Urbanavichus, det. YuKh (INEP 2831, dupl. LE F-334470).

Sistotrema brinkmannii (Bres.) J. Erikss. – new for Republic of Bashkortostan and Yaroslavl Oblast. **D** – ARK, BEL, BRY, DA, IRK, KC, KDA, KIR, KM, KO, KR, KRS, KYA, LEN, LIP, MUR, NIZ, NVS, ORL, PER, PRI, PSK, ROS, SA, SPE, SVE, TA, TVE, TY, VGG, ZAB. **S** – Republic of Bashkortostan, Beloretsky Dist., 54.407° N, 57.333° E, on fallen rotten trunk of *Populus tremula* in fir-linden forest, 14.07.2011, coll. and det. ASH (SVER(F) 90053, dupl. LE F-334492). Yaroslavl Oblast, Uglichsky Dist., Altynovo, 57.56697° N, 38.29327° E, on fallen trunk of *Salix* sp. in deciduous forest dominated by birch and willow, 10.04.2017, coll. Borovichev E.A., YuKh, det. YuKh (INEP 3187, dupl. LE F-334467).

S. confluens Pers. – new for Tyumen Oblast. **D** – AMU, ARK, KGD, KHM, KIR, KO, KOS, KR, KYA, LEN, MO, MOW, MUR, NIZ, NVS, PRI, PSK, RYA, SPE, SVE, TOM, TUL, VLG, YEV, ZAB. **S** – Tyumen Oblast, Tobolsk, 58.27027° N, 68.49622° E, on soil in pine forest with birch, 02.10.2018, coll. and det. VK (LE F-334427).

S. coroniferum (Höhn. et Litsch.) Donk – new for Republic of Bashkortostan. **D** – KGN, LEN, OMS, PER, SVE. **S** – Republic of Bashkortostan, Beloretsky Dist., 54.495° N, 57.293° E, on fallen rotten trunk of *Alnus glutinosa* in swamp forest, 14.07.2011, coll. and det. ASH (SVER(F) 51806, dupl. LE F-334493).

S. muscicola (Pers.) S. Lundell – new for Republic of Bashkortostan. **D** – ARK, KR, LEN, MO, MUR, NIZ,

NVS, PER, SPE, SVE, TY, ZAB. **S** – Republic of Bashkortostan, Beloretsky Dist., 54.495° N, 57.293° E, on rotten litter near *Picea obovata* in spruce-maple forest, 13.07.2011, coll. and det. ASH (SVER(F) 51808, dupl. LE F-334494).

S. radulooides (P. Karst.) Donk – new for Tyumen Oblast. **D** – ARK, BRY, KHM, KIR, KLU, KO, KR, LEN, LIP, MO, NGR, NIZ, NVS, ORL, SAM, SVE, TOM, TVE, VOR, YEV. **S** – Tyumen Oblast, Tobolsky Dist., Savina, 58.20299° N, 68.18642° E, on fallen trunk of *Populus tremula* in deciduous forest (aspen, birch, linden), 11.08.2019, coll. and det. VK (LE F-334423).

S. resinicytidium Hallenb. – new for Tyumen Oblast. **D** – ARK, DA, KHM, KO, KR, NIZ, NVS, SVE, TVE. **S** – Tyumen Oblast, Tobolsk, 58.28316° N, 68.47391° E, on fallen trunk of *Tilia cordata* in deciduous forest (aspen, birch, linden), 28.05.2019, coll. and det. VK (LE F-334421).

Corticiales

Corticium roseum Pers. – new for Yaroslavl Oblast. **D** – widespread species. **S** – Yaroslavl Oblast, Uglichsky Dist., Altynovo, 57.56697° N, 38.29327° E, on the stump of *Salix* sp. in deciduous forest dominated by birch and willow, 10.04.2017, coll. YuKh and E.A. Borovichev, det. YuKh (INEP 3165, dupl. LE F-334461).

Laetisaria lichenicola Diederich, Lawrey et Van den Broeck – new for Russia. **S** – Krasnodar Krai, Kanevskoy Dist., Kanevskaya, 46.03421° N, 38.95979° E, on *Physcia adscendens* on *Ulmus minor* in broadleaf forest, 21.12.2019, coll. and det. V. N. Botyakov (LE 321853); the same place, 46.03446° N, 38.96358° E, on *Physcia adscendens* in broadleaf forest, 21.12.2019, coll. and det. V.N. Botyakov (LE 321854).

Gaeastrales

Geastrum campestre Morgan – new for Kabardino-Balkar Republic. **D** – AL, AST, BEL, IRK, KC, KK, KRS, KYA, LIP, NVS, OMS, PNZ, ROS, SE, SVE, TY, UD, VOR. **S** – Kabardino-Balkar Republic, Elbrusky Dist., Tynyauz, 43.36667° N, 42.90000° E, on soil in pastured dry meadow, 11.10.2018, coll. and det. YuR (YuR 3562, dupl. LE 321848).

G. triplex Jungh. – new for Komi Republic. **D** – AD, AL, AMU, BEL, KDA, KGD, KHA, KM, KR, KRS, LIP, ME, MO, NIZ, PRI, ROS, SAR, SVE, TA, UD, YEV. **S** – Komi Republic, Syktyvdinsky Dist., Vylgortskoe forestry, 61.53668° N, 50.60419° E, on litter in spruce-birch herb-green moss forest, 04.06.2019, coll. I.A. Kirillova and D.V. Kirillov, det. YuR and MP (SYKOf 3068, dupl. LE F-334448).

Hymenochaetales

Cotylidia undulata (Fr.) P. Karst. – new for Arkhangelsk Oblast. **D** – LEN, NGR, PSK, SPE, SVE. **S** – Arkhangelsk Oblast, Plesetsky Dist., Sheleksa, 62.9141° N, 40.3102° E, on soil in lingonberry-lichen pine forest, 18.09.2020, coll. O.N. Ezhov, det. I.V. Zmitrovich (AR 3504, dupl. LE F-334497).

Hyphodontia arguta (Fr.) J. Erikss. – new for Yaroslavl Oblast. **D** – AL, ARK, BA, BEL, BRY, CHE, DA, IRK, KDA, KEM, KGD, KIR, KM, KR, KRS, KYA, LEN, LIP, MO, MOW, MUR, NIZ, NVS, OMS, ORE, ORL, PER, SAM, SE, SPE, SVE, TA, TOM, TYU, VGG, YAN. **S** –

Yaroslavl Oblast, Uglichsky Dist., Altynovo, 57.56697° N, 38.29327° E, on fallen trunk of *Salix* sp. in deciduous forest dominated by birch and willow, 10.04.2017, coll. and det. YuKh (INEP 3197, dupl. LE F-334462).

Inocutis rheades (Pers.) Fiasson et Niemelä – new for Murmansk Oblast. **D** – widespread species. **S** – Murmansk Oblast, jurisdictional territory of the city of Monchegorsk, Lapland Nature Reserve, Chunozerskaya Usadba, 67.65272° N, 32.64780° E, on fallen trunk of *Populus tremula* in spruce forest, 21.08.2012, coll. and det. YuKh (INEP 891, dupl. LE F-334473).

Kurtia argillacea (Bres.) Karasiński – new for Yaroslavl Oblast. **D** – AL, ARK, BRY, CHE, IRK, KDA, KGN, KHM, KLU, KO, KR, KYA, LEN, MUR, NIZ, NVS, OMS, ORL, PER, PRI, PSK, SA, SPE, SVE, TVE, ZAB. **S** – Yaroslavl Oblast, Uglichsky Dist., Altynovo, 57.56697° N, 38.29327° E, on fallen trunk of *Sorbus aucuparia* in deciduous forest dominated by birch and willow, 24.04.2017, coll. and det. YuKh (INEP 3192, dupl. LE F-334463).

Leucophellinus irpicoides (Bondartsev ex Pilát) Bondartsev et Singer – new for Sverdlovsk Oblast. **D** – AL, ALT, KHA, PRI, SAK, YEY. **S** – Sverdlovsk Oblast, Ekaterinburg, Botanical garden, 56.797° N, 60.602° E, on alien tree of *Tilia manchurica* (this linden was brought from the Far East as a seedling with a soil butt), 27.09.2014, coll. and det. ASH (SVER(F) 33817, dupl. LE F-334486).

Lyomyces crustosus (Pers.) P. Karst. – new for Yaroslavl Oblast. **D** – widespread species. **S** – Yaroslavl Oblast, Uglichsky Dist., Altynovo, 57.56697° N, 38.29327° E, on fallen trunk of *Salix* sp. in deciduous forest dominated by birch and willow, 15.04.2017, coll. and det. YuKh (INEP 3166, dupl. LE F-334464).

Phellinopsis conchata (Pers.) Y.C. Dai – new for Yaroslavl Oblast. **D** – widespread species. **S** – Yaroslavl Oblast, Uglichsky Dist., Altynovo, 57.56697° N, 38.29327° E, on fallen trunk of *Salix* sp. in deciduous forest dominated by birch and willow, 10.04.2017, coll. and det. YuKh (INEP 3178, dupl. LE F-334466).

Porodaedalea laricis (Jacq. ex Pilát) Niemelä – new for Republic of Tatarstan. **D** – AMU, ARK, BA, CHE, IRK, KAM, KHM, KK, KO, KR, KYA, LEN, PRI, SPE, SVE, TOM, YAN, YEY, ZAB. **S** – Republic of Tatarstan, Zelenodolsky Dist., Volzhsko-Kamsky Nature Reserve, Raifa, 55.90662° N, 48.74107° E, on living *Larix* sp. in arboretum, 22.06.2017, coll. and det. KP (PK 10904, dupl. LE 321865).

Rickenella swartzii (Fr.) Kuiper – new for Republic of Tatarstan. **D** – ALT, KHM, KLU, LEN, MAG, MUR, NVS, PRI, PSK, TOM, UD, VLG, YEY. **S** – Republic of Tatarstan, Zelenodolsky Dist., Krasnooktyabrskoye forestry, 55.91211° N, 48.97042° E, among moss on fallen trunk in pine-dominated forest with birch, linden and spruce, 17.09.2017, coll. and det. KP (LE 321866).

Tubulicrinis regificus (H.S. Jacks. et Dearden) Donk – new for Komi Republic. **D** – YAN. **S** – Komi Republic, Pechorsky Dist., Yugyd Va National Park, 64.96842° N, 59.17547° E, on fallen trunk of *Picea obovata* in mixed forest (spruce, birch, larch, fir), 15.07.2019, coll. and det. DK (SYKOF 5121, dupl. LE F-334458).

Tubulicrinis sororius (Bourdot et Galzin) Oberw. – new for Chelyabinsk Oblast. **D** – IRK, KYA, ROS, SA, SVE, YAN. **S** – Chelyabinsk Oblast, Miass area, Ilmensky Nature Reserve, Bolshoye Miassovo, 55.169° N, 60.303° E, on fall-

en trunk of *Juniperus communis* in stony soil, open juniper stands, 03.08.2015, coll. and det. ASH (SVER(F) 92997, dupl. LE F-334496).

Xylodon raduloides Riebesehl et Langer – new for Kostroma Oblast. **D** – BA, BEL, BRY, CHE, DA, KAM, KDA, KEM, KGD, KLU, KR, KRS, LEN, LIP, MO, MOS, NGR, NIZ, ORE, ORL, PSK, ROS, SAM, SMO, SPE, SVE, TAM, TOM, TUL, TVE, UD, VOR, YEY. **S** – Kostroma Oblast, Kostromskoy Dist., “Aganinskaya Dubrava” forest area, 57.83064° N, 40.86569° E, on dead branches of a living *Quercus robur* in herb-rich oak forest, 03.09.2020, coll. AL and AE, det. SV (LE F-334437).

Jaapiales

Jaapia argillacea Bres. – new for Sverdlovsk Oblast. **D** – ARK, KDA, KHM. **S** – Sverdlovsk Oblast, Nizhneserginsky Dist., “Olenii Ruchii” Nature Park, 56.501° N, 59.287° E, on fallen trunk of *Picea obovata* in spruce-fir forest, 23.07.2020, coll. and det. ASH (SVER(F) 51742, dupl. LE F-334485).

Phallales

Phallus impudicus L. – new for Leningrad Oblast. **D** – widespread species. **S** – Leningrad Oblast, Kingiseppsky Dist., Kaibolovo, Kurgalsky zakaznik, 59.73631° N, 28.03478° E, on soil in coniferous-broadleaf forest, 02.08.2020, coll. and det. D.A. Tomchin (LE 312609).

Polyporales

Antrodiella faginea Vampola et Pouzar – new for Republic of Mordovia. **D** – ARK, CHE, KDA, KO, KR, LEN, LIP, NIZ, ORL, PRI, PSK, ROS, RYA, SAM, SPE, SVE, TA, TUL, TVE. **S** – Republic of Mordovia, Temnikovskiy Dist., Mordovskiy Nature Reserve, 54.77553° N, 43.41813° E, on fallen branch of *Betula* sp. in pine forest with oak, 17.07.2015, coll. and det. SB (LE 314696); the same place, 54.787° N, 43.404° E, on fallen branch of *Betula* sp. in spruce forest with birch, 10.09.2011, coll. and det. SB (LE 314695); the same place, 54.72637° N, 43.15036° E, on fallen branch of *Ulmus* sp. in elm-oak forest, 23.07.2015, coll. and det. SB (LE 314697); the same place, 54.707° N, 43.220° E, on litter in pine forest, 15.09.2004, coll. L.V. Teryokhina, det. SB (HMNR F20491) (Bolshakov, Zmitrovich, 2014; Bolshakov, 2015, both as *Postia floriformis* (Qué.) Jülich).

Ceriporia bresadolae (Bourdot et Galzin) Donk – new for Astrakhan Oblast, Oryol Oblast, Penza Oblast, and Republic of Tatarstan. **D** – CHE, DA, LIP, NIZ, PER, TY. **S** – Astrakhan Oblast, Akhtubinsky Dist., Bogdinsko-Baskunchaksky Nature Reserve, Karasun, 48.26148° N, 46.96106° E, on burned (pine) timber, 18.10.2009, coll. YuR, det. SB (LE 287080) (Rebriev et al., 2012a, b, as *Ceriporia tarda* (Berk.) Ginns). Oryol Oblast, Mtsensky Dist., Torkunovka, 53.24522° N, 36.33964° E, on fallen branches of *Pinus sylvestris* in herb-rich pine forest, 28.08.2011, coll. SV, det. SB and SV (LE 290047) (Volobuev, 2015, as *Ceriporia purpurea* (Fr.) Donk). Penza Oblast, Zemetchinsky Dist., Kirovsky, 53.4213° N, 42.3460° E, on fallen branches of *Pinus sylvestris*, 21.09.1929, coll. A. S. Bondartsev, det. SB (LE 25242) (Bondartsev, 1953, as *Merulioportia purpurea* (Fr.) Bondartsev et Singer [for Tambov Oblast]). Republic of Tatarstan, Zelenodolsky Dist., Volzhsko-Kamsky Nature Re-

serve, Raifa, 55.9154° N, 48.7223° E, on fallen *Pinus sylvestris*, 04.08.1939, coll. Lj.N. Vassilyeva, det. SB (LE 25246) (Bondartsev, 1953; Vassilyeva, 1977, both as *Merulioportia purpurea*).

C. viridans (Berk. et Broome) Donk – new for Murmansk Oblast. **D** – ALT, ARK, BA, BEL, BRY, CHE, KAM, KHM, KIR, KM, KO, KR, KRS, LEN, LIP, MO, MOS, NIZ, NVS, ORE, ORL, PER, PRI, PSK, ROS, SPE, SVE, TVE, TY, VOR, YEV, ZAB. **S** – Murmansk Oblast, jurisdictional territory of the town of Polyarnye Zori, 67.43094° N, 32.41913° E, on fallen trunk of *Alnus incana* in alder thickets along the Imandra Lake, 12.07.2020, coll. and det. YuKh (INEP 2922, dupl. LE F-334471).

Crustoderma longicystidium (Litsch.) Nakasone – new for Sverdlovsk Oblast. **D** – ARK, KO, NIZ. **S** – Sverdlovsk Oblast, Prigorodny Dist., Chernostochinsk, 57.7036° N, 59.87750° E, on fallen trunk of *Pinus sylvestris* in secondary herb-rich birch forest with aspen, pine, spruce and fir, 21.07.2020, coll. and det. IS (LE F-334416, dupl. SVER).

Cyanosporus alni (Niemelä et Vampola) B.K. Cui, L.L. Shen et Y.C. Dai – new for Murmansk Oblast. **D** – ARK, BA, BEL, BRY, CHE, IRK, KIR, KR, KYA, LEN, LIP, MO, MOS, NGR, NIZ, NVS, ORL, PSK, ROS, RYA, SPE, SVE, TUL, TVE, TYU, UD, YEV. **S** – Murmansk Oblast, Kandalakshsky Dist., Oriyarvi Lake, 66.8° N, 31.22639° E, on fallen trunk of *Betula pubescens* in pine-spruce forest, 27.08.2014, coll. L. G. Isaeva, det. YuKh (INEP 3201, dupl. LE F-334472).

Fomitopsis pinicola (Sw.) P. Karst. – new for Kostroma Oblast. **D** – widespread species. **S** – Kostroma Oblast, Oktyabrsky Dist., Grekhovo, 59.10366° N, 47.28684° E, on fallen trunk of *Picea fennica* in wet herb-rich mixed forest with spruce and birch, 27.07.2020, coll. AL and AE, det. SV (LE F-334430).

Hypoderma litschaueri (Burt) J. Erikss. et Å. Strid – new for Kirov Oblast. **D** – KDA, LEN, ORE, ORL, PER, SVE, TVE, TYU. **S** – Kirov Oblast, Tuzhinsky Dist., Pizhemyy zakaznik, Kovrizhata, 57.69773° N, 47.89388° E, on fallen trunk of *Betula pendula* in herb-rich old-growth spruce-pine forest with aspen, birch and elm, 19.09.2019, coll. and det. IS (LE F-334415, dupl. SVER).

H. setigerum (Fr.) Donk – new for Kostroma Oblast. **D** – widespread species. **S** – Kostroma Oblast, Kostromskoy Dist., “Aganinskaya Dubrava” forest area, 57.83064° N, 40.86569° E, on dead branches of *Quercus robur* in herb-rich oak forest, 03.09.2020, coll. AL and AE, det. SV (LE F-334431).

Hypochnicium wakefieldiae (Bres.) J. Erikss. – new for Republic of Mordovia. **D** – KDA, KO, KR, LEN, LIP, ORL, TVE. **S** – Republic of Mordovia, Temnikovskiy Dist., Mordovskiy Nature Reserve, 54.88735° N, 43.60613° E, on fallen branch of *Sorbus aucuparia* in pine forest, 17.09.2012, coll. and det. SB (LE 301301) (Bolshakov, Zmitrovich, 2014; Bolshakov, 2015, both as *Hypochnicium punctulatum* (Cooke) J. Erikss.); the same place, 54.7794° N, 43.35751° E, on fallen trunk of *Pinus sylvestris* in pine forest, 29.09.2014, coll. and det. SB (LE 304194) (Bolshakov, 2015, as *Hypochnicium geogenium* (Bres.) J. Erikss.); the same place, 54.77562° N, 43.41956° E, on fallen trunk of *Pinus sylvestris* in spruce forest, 26.09.2014, coll. and det. SB (LE 304195) (Bolshakov, 2015, as *H. geogenium*); the same place, 54.72018° N, 43.22051° E, on stump of *Pinus sylvestris* in

pine forest with linden, 29.08.2011, coll. and det. SB (LE 301300) (Bolshakov, Zmitrovich, 2014; Bolshakov, 2015, both as *H. punctulatum*).

Leptoporus mollis (Pers.) Quéf. – new for Tyva Republic. **D** – widespread species. **S** – Tyva Republic, Kyzylskiy Dist., Tapsinsky zakaznik, 51.91353° N, 94.98043° E, on fallen trunk of *Larix sibirica* in larch forest, 10.08.2020, coll. AV, det. VV (NSK 1014659, dupl. LE F-334474).

Merulioopsis violacea (Fr.) Bondartsev – new for Republic of Mordovia and Udmurt Republic. **D** – AST, CHE, KIR, KYA, LEN, MOS, NIZ, NVS, PER, SVE, TA. **S** – Republic of Mordovia, Temnikovskiy Dist., Mordovskiy Nature Reserve, 54.72° N, 43.22° E, on fallen trunk of *Pinus sylvestris* in pine forest with linden, 29.08.2011, coll. and det. SB (LE 321555) (Bolshakov, Zmitrovich, 2014; Bolshakov, 2015, both as *Ceriporia viridans* (Berk. et Broome) Donk). Udmurt Republic, Izhevsk, on fallen trunk of *Pinus sylvestris*, 16.08.2009, coll. VK, det. SB and VK (LE 247365) (Kapitonov, 2013, as *Ceriporia excelsa* S. Lundell ex Parmasto).

Metuloidea fragrans (A. David et Tortič) Miettinen – new for Yaroslavl Oblast. **D** – BEL, BRY, KLU, KRS, KYA, LEN, LIP, MO, MOS, NIZ, ORE, ORL, RYA, SAM, TA, TVE, VOR. **S** – Yaroslavl Oblast, Uglichskiy Dist., Altynovo, 57.56697° N, 38.29327° E, on fallen trunk of *Sorbus aucuparia* in deciduous forest dominated by birch and willow, 24.04.2017, coll. and det. YuKh (INEP 3170, dupl. LE F-334465).

Panus lecomtei (Fr.) Corner [= *Panus neostrigosus* Drechsler-Santos et Wartchow] – new for Kostroma Oblast. **D** – widespread species. **S** – Kostroma Oblast, Galichskiy Dist., Yakushkino, 58.35020° N, 42.40285° E, on fallen branch of *Populus tremula* in mixed stands with aspen, spruce and birch, 12.09.2020, coll. AL, det. SV (LE F-334432).

Phanerochaete livescens (P. Karst.) Volobuev et Spirin – new for Kostroma Oblast and Republic of Mordovia. **D** – ARK, BEL, DA, KHA, KR, LEN, LIP, NIZ, ORL, SVE, VGG. **S** – Kostroma Oblast, Kostromskoy Dist., “Aganinskaya Dubrava” forest area, 57.83064° N, 40.86569° E, on dead branches of a living *Quercus robur* in herb-rich oak forest, 03.09.2020, coll. AL and AE, det. SV (LE F-334434). Republic of Mordovia, Temnikovskiy Dist., Mordovskiy Nature Reserve, 54.73624° N, 43.13460° E, on fallen trunk of *Alnus glutinosa* in black alder forest, 18.10.2012, coll. SB, det. SV (LE 301377) (Bolshakov, Zmitrovich, 2014; Bolshakov, 2015, both as *Phanerochaete sordida* (P. Karst.) J. Erikss. et Ryvarden); the same place, Pushta, 54.71490° N, 43.21706° E, on fallen trunk of *Alnus glutinosa* in black alder forest, 16.10.2012, coll. and det. SB (HMNR F20498) (Bolshakov, Zmitrovich, 2014; Bolshakov, 2015, both as *Ph. sordida*).

Phlebia subochracea (Alb. et Schwein.) J. Erikss. et Ryvarden – new for Republic of Mordovia. **D** – ARK, BA, CHE, IRK, KDA, KHM, KO, LEN, OMS, ORE, ROS, SVE, VGG, VOR. **S** – Republic of Mordovia, Temnikovskiy Dist., Mordovskiy Nature Reserve, 54.75365° N, 43.09022° E, on fallen trunk of *Ulmus* sp. in elm-oak forest, 10.09.2013, coll. SB, det. SV (LE 301975) (Bolshakov, 2015, as *Phlebia ochraceofulva* (Bourdot et Galzin) Donk).

Rhizochaete sulphurina (P. Karst.) K.H. Larss. – new for Tyumen Oblast. **D** – KDA, KHM, KIR, KO, KYA, LEN, MO, NIZ, NVS, OMS, ORE, ORL, PRI, SAK, SVE, TA, TUL, YEV. **S** – Tyumen Oblast, Tobolsk, Sumkino,

58.11355° N, 68.34031° E, on fallen trunk of *Pinus sylvestris* in pine forest, 24.07.2019, coll. and det. VK (LE F-334422).

Rhodonia placenta (Fr.) Niemelä, K.H. Larss. et Schigel – new for Tyva Republic. **D** – AL, ALT, ARK, BA, BRY, BU, CU, KHA, KHM, KIR, KO, KR, KYA, LEN, MO, MOS, MUR, NGR, NIZ, NVS, ORL, PER, PSK, SPE, SVE, TA, TOM, TVE, TYU, UD, VLG. **S** – Tyva Republic, Kaa-Khemsy Dist., Ondumsky zakaznik, 51.78098° N, 94.7376° E, on fallen trunk of *Larix sibirica* in larch forest, 10.08.2020, coll. AV, det. VV (NSK 1014656, dupl. LE F-334480).

Riopa metamorphosa (Fuckel) Miettinen et Spirin – new for Lipetsk Oblast. **D** – NIZ, ORE, SVE. **S** – Lipetsk Oblast, Krasninsky Dist., Sukhodol, “Chernoles” forest area, 52.96598° N, 38.60672° E, on fallen burned trunk of *Quercus robur* in herb-rich oak forest with maple and birch, 30.09.2016, coll. N.V. Shakhova and SV, det. SV (LE F-334419). GenBank accession number – MZ889445.

Sarcodontia crocea (Schwein.) Kotl. – new for Chelyabinsk Oblast. **D** – AST, BEL, KDA, KIR, KM, KRS, LEN, LIP, MO, NIZ, NVS, ORE, ORL, PRI, ROS, SAM, SVE, TA, TUL, VOR, YEY. **S** – Chelyabinsk Oblast, Miass, Museum of Ilmensk Nature Reserve, 55.014° N, 60.158° E, on alive *Ulmus laevis*, 17.08.2020, coll. A. I. Ischenko, det. ASH (SVER(F) 96163, dupl. LE F-334490).

Skeletocutis odora (Sacc.) Ginns – new for Tyva Republic. **D** – AL, ALT, AMU, ARK, BEL, BRY, CHE, IRK, KEM, KHM, KIR, KO, KOS, KR, KYA, LEN, MO, MUR, NGR, NIZ, NVS, ORL, PER, PRI, PSK, SAM, SPE, SVE, TA, TOM, TVE, TYU, UD, VOR. **S** – Tyva Republic, Piy-Khemsy Dist., Khutinsky zakaznik, 52.7174° N, 94.78968° E, on fallen trunk of *Pinus sibirica* in cedar-spruce-larch forest, 12.08.2020, coll. AV, det. VV (NSK 1014657, dupl. LE F-334481).

Steccherinum pseudozilingianum (Parmasto) Vesterh. – new for Kirov Oblast. **D** – ALT, ARK, BRY, KHM, KO, KR, KYA, LEN, NGR, NIZ, ORE, PSK, SAM, SVE, TA, TVE, TYU. **S** – Kirov Oblast, Tuzhinsky Dist., Pizhemsy zakaznik, Kovrizhata, 57.70378° N, 47.86515° E, on dead basidiomata of *Phellinus tremulae* and on bark of a living *Populus tremula* in old-growth fern and herb-rich valley mixed forest with spruce, fir, pine, birch, aspen and black alder, 21.09.2019, coll. and det. IS (LE F-334417, dupl. SVER).

Tyromyces fumidiceps G.F. Atk. – new for Komi Republic. **D** – ARK, KHM, LEN, MO, NIZ, ORE, PSK, ROS, SPE, SVE, TYU. **S** – Komi Republic, Vuktylsky Dist., Yuyd Va National Park, 64.16228° N, 59.39292° E, on decayed spruce wood in floodplain of the Lepta-Niderma river, 01.08.2020, coll. and det. DK (SYKOf 5334, dupl. LE F-334459).

Russulales

Acanthophysellum cerussatum (Bres.) Parmasto – new for Kirov Oblast. **D** – KHM, KM, KO, KYA, MOS, NVS, ORL, PER, RYA, SAM, SVE, TVE. **S** – Kirov Oblast, Tuzhinsky Dist., Pizhemsy zakaznik, Kovrizhata, 57.69773° N, 47.89388° E, on standing dead trunk of *Salix* sp. in herb-rich old-growth spruce-pine forest with aspen, birch and elm, 19.09.2019, coll. and det. IS (LE F-334418, dupl. SVER).

A. minor (Pilát) Sheng H. Wu, Boidin et C.Y. Chien – new for Yaroslavl Oblast. **D** – LIP. **S** – Yaroslavl Oblast, Uglichsk Dist., Altynovo, 57.56697° N, 38.29327° E, on fallen trunk of *Salix* sp. in deciduous forest dominated by birch and

willow, 12.04.2017, coll. and det. YuKh (INEP 3180, dupl. LE F-334460).

Albatrellus citrinus Ryman – new for Republic of Bashkortostan. **D** – SVE. **S** – Republic of Bashkortostan, Be-loretsky Dist., 54.407° N, 57.333° E, on soil in fir-oak forest, 12.07.2011, coll. and det. ASH (SVER(F) 94511, dupl. LE F-334482).

A. subrubescens (Murrill) Pouzar – new for Chelyabinsk Oblast. **D** – KGD, KR, LEN, SVE. **S** – Chelyabinsk Oblast, Zlatoust area, Taganay National Park, 55.251° N, 59.803° E, on soil in spruce-birch forest, 08.08.2020, coll. A.I. Ischenko, det. ASH (SVER(F) 96182, dupl. LE F-334483).

Auriscalpium vulgare Gray – new for Komi Republic. **D** – widespread species. **S** – Komi Republic, Syktyvdinsky Dist., Syktyvkarsky protected area, 61.55623° N, 50.64426° E, on litter in moist pine forest, 01.07.2008, coll. and det. D.V. Kirillov (SYKOf 2706, dupl. LE F-334442).

Baltazaria galactina (Fr.) Leal-Dutra, Dentinger et G.W. Griff. – new for Kirov Oblast. **D** – AMU, ARK, BA, BEL, DA, IRK, KDA, KHM, KO, KR, KYA, LEN, ME, MO, NGR, NIZ, NVS, ORL, PER, PRI, PSK, RYA, SAM, SPE, SVE, TA, TVE, TYU, VOR, YEY. **S** – Kirov Oblast, Tuzhinsky Dist., Pizhemsy zakaznik, Kovrizhata, 57.71865° N, 51.85992° E, on fallen trunk of *Populus tremula* in old-growth herb-green mosses pine forest with birch, aspen, spruce, and fir, 20.09.2019, coll. and det. IS (LE F-334414, dupl. SVER).

Bondarzewia mesenterica (Schaeff.) Kreisel – new for Chelyabinsk Oblast. **D** – AD, KC, KDA, KO, SAK, SVE. **S** – Chelyabinsk Oblast, Zlatoust area, Taganay National Park, 55.369° N, 59.843° E, at the base of rotten stump of *Abies* sp. in fir-linden-birch forest, 09.08.2020, coll. A.I. Ischenko, det. ASH [SVER(F) 96157, dupl. LE F-334484].

Gloeopeniophorella convolvens (P. Karst.) Boidin, Lanq. et Gilles – new for Tyumen Oblast. **D** – ARK, KEM, KHM, KIR, KK, KO, KR, KYA, LEN, MO, MOS, MUR, NGR, NIZ, NVS, ORE, ORL, PSK, SVE, TA, TVE. **S** – Tyumen Oblast, Tobolsky Dist., Savina, 58.20171° N, 68.18072° E, on fallen trunk of *Populus tremula* in deciduous forest (aspen, birch, linden), 08.08.2019, coll. and det. VK (LE F-334424).

Lactarius deterrimus Gröger – new for Republic of Tatarstan. **D** – AL, ARK, BU, IRK, KB, KC, KGD, KHM, KIR, KO, KR, KYA, LEN, MAG, MO, MOS, NGR, NVS, ORL, PER, PNZ, PSK, SPE, SVE, TOM, TUL, TVE, UD, VLG, YAR. **S** – Republic of Tatarstan, Baltasinsky Dist., “Yaltra” forest, 56.34486° N, 50.16466° E, on soil in spruce forest with aspen, 29.08.2018, coll. and det. KP (PK 10716, dupl. LE 321860); Yelabuzhsky Dist., Nizhnyaya Kama National Park, 55.78151° N, 52.31266° E, on soil in linden forest with spruce and pine, 08.09.2018, coll. and det. KP (PK 10493, dupl. LE 321861); Kukmorsky Dist., Lubyanskoe forestry, 56.05732° N, 51.45190° E, on soil in spruce forest, 08.08.2019, coll. and det. KP (PK 10767, dupl. LE 321862).

Peniophora junipericola J. Erikss. – new for Chelyabinsk Oblast. **D** – ARK, DA, KDA, KM, SVE. **S** – Chelyabinsk Oblast, Satkinsky Dist., Zuratkul National Park, 54.943° N, 59.183° E, on dead branch of *Juniperus communis* in spruce-dominated dry-forest, 16.09.2020, coll. and det. ASH (SVER(F) 96159, dupl. LE F-334488).

P. limitata (Chaillat ex Fr.) Cooke – new for Chelyabinsk Oblast. **D** – BEL, BRY, CE, KDA, KLU, LEN, MUR,

NVS, ORE, ORL, PSK, SPE, SVE, TUL, VGG. **S** – Chelyabinsk Oblast, Chelyabinsk, Central City Park, 55.165° N, 61.361° E, on dead branch of *Syringa vulgaris*, 15.09.2019, coll. A.I. Ischenko, det. ASH [SVER(F) 93005, dupl. LE F-334489].

P. quercina (Pers.) Cooke – new for Kostroma Oblast. **D** – AMU, BA, BEL, BRY, CE, KDA, KGD, KIR, KLU, KM, KRS, LEN, LIP, MO, MOS, MOW, MUR, NGR, NIZ, OMS, ORE, ORL, PNZ, PRI, PSK, ROS, RYA, SAM, SPE, STA, SVE, TUL, VGG, YEV, ZAB. **S** – Kostroma Oblast, Kostromskoy Dist., “Aganinskaya Dubrava” forest area, 57.83002° N, 40.86747° E, on dead branches of a living *Quercus robur* in herb-rich oak forest, 03.09.2020, coll. AL and AE, det. SV (LE F-334433).

Scutiger pes-caprae (Pers.) Bondartsev et Singer – new for Sverdlovsk Oblast. **D** – KGD, PRI. **S** – Sverdlovsk Oblast, Krasnoufimsky Dist., Nizhneirginsk, 56.896° N, 57.380° E, on soil in mixed pine-fir forest with oak, maple and hazel, 28.08.1957, coll. N.T. Stepanova-Kartavenko, det. ASH (SVER(F) 17925, dupl. LE F-334491).

Scytinostroma praestans (H.S. Jacks.) Donk – new for Komi Republic. **D** – AMU, IRK, KYA, MUR, YAN. **S** – Komi Republic, Vuktylsky Dist., Yugyd Va National Park, 64.16636° N, 59.37622° E, on fallen trunk of *Larix sibirica* in birch-larch forest, 20.07.2020, coll. and det. DK (SYKOF 5212, dupl. LE F-334457).

Stereum gausapatum (Fr.) Fr. – new for Kostroma Oblast. **D** – ALT, BEL, BRY, CE, KAM, KDA, KHA, KIR, KM, KR, KRS, LEN, LIP, MO, MOS, MOW, NGR, NIZ, NVS, ORL, PNZ, PRI, PSK, ROS, RYA, SAM, SPE, SVE, TA, TUL, TVE, TYU, ULY, VGG, VOR. **S** – Kostroma Oblast, Kostromskoy Dist., “Aganinskaya Dubrava” forest area, 57.83002° N, 40.86747° E, on dead branch of *Quercus robur* in herb-rich oak forest, 03.09.2020, coll. AL and AE, det. SV (LE F-334495); the same place, 57.83225° N, 40.86671° E, on fallen branch of *Quercus robur* in herb-rich oak forest, 03.09.2020, coll. AL and AE, det. SV (LE F-334436).

S. hirsutum (Willd.) Pers. – new for Kostroma Oblast and Yaroslavl Oblast. **D** – widespread species. **S** – Kostroma Oblast, Kostromskoy Dist., “Aganinskaya Dubrava” forest area, 57.83225° N, 40.86671° E, on fallen trunk of *Quercus robur* in herb-rich oak forest, 03.09.2020, coll. AL and AE, det. SV (LE F-334439); Oktyabrsky Dist., 59.11142° N, 47.40643° E, on standing dead trunk of *Sorbus aucuparia* in fern-blueberry spruce-dominated forest with birch, aspen and pine, 25.07.2020, coll. AL, det. SV (LE F-334438). Yaroslavl Oblast, Uglichsky Dist., Altynovo, 57.56697° N, 38.29327° E, on fallen deciduous tree trunk in deciduous forest dominated by birch and willow, 24.04.2017, coll. and det. YuKh (INEP 3176, dupl. LE F-334468).

Thelephorales

Odontia ferruginea Pers. [= *Tomentella crinalis* (Fr.) M.J. Larsen] – new for Tyumen Oblast. **D** – AL, ALT, ARK, BRY, DA, IRK, KAM, KDA, KHA, KIR, KR, KYA, LEN, LIP, MUR, NGR, NIZ, NVS, OMS, ORE, ORL, PRI, SPE, SVE, TA, TVE, TY, VOR, ZAB. **S** – Tyumen Oblast, Tobolsky Dist., Belaya, 58.27532° N, 68.69336° E, on fallen branch of *Betula* spp. in pine forest with birch, 26.09.2019, coll. and det. VK (LE F-334425).

Sarcodon squamosus (Schaeff.) Quél. – new for Republic of Tatarstan. **D** – KR, KYA, LEN, MO, PSK, SPE, SVE, UD. **S** – Republic of Tatarstan, Kazan, “Lebyazhiye” city park, 55.82920° N, 48.93156° E, on soil in pine-dominated forest with birch, 23.09.2017, coll. and det. KP (PK 11172, dupl. LE 321867).

Trechisporales

Trechispora confinis (Bourdot et Galzin) Libertá – new for Republic of Mordovia. **D** – BA, BEL, CHE, LIP, MUR, NGR, ORE, PER, TVE. **S** – Republic of Mordovia, Temnikovskiy Dist., Mordovsky Nature Reserve, 54.73173° N, 43.12080° E, on fallen trunk of *Quercus robur* in linden-oak forest, 18.10.2012, coll. SB, det. SV (HMNR F20438, dupl. LE 301909) (Bolshakov, Zmitrovich, 2014; Bolshakov, 2015, as *Sistotremella perpusilla* Hjortstam).

T. mollusca (Pers.) Libertá – new for Yaroslavl Oblast. **D** – ARK, BEL, BRY, CHE, IRK, IVA, KDA, KGN, KHM, KIR, KLU, KM, KO, KR, KRS, KYA, LEN, LIP, MOS, MOW, MUR, NGR, NIZ, NVS, ORL, PER, PSK, SA, SAM, SMO, SPE, SVE, TAM, TOM, TVE, TY, TYU, UD, VOR, YAN. **S** – Yaroslavl Oblast, Uglichsky Dist., Altynovo, 57.56697° N, 38.29327° E, on fallen trunk of *Salix* sp. in deciduous forest dominated by birch and willow, 10.04.2017, coll. YuKh and E.A. Borovichev, det. YuKh (INEP 3167, dupl. LE F-334469, INEP 3199).

DACRYMYCETES

Dacrymycetales

Calocera cornea (Batsch) Fr. – new for Komi Republic. **D** – AD, AL, ALT, AMU, ARK, KAM, KDA, KEM, KHA, KHM, KIR, KM, KRS, KYA, LEN, LIP, ME, MO, MOS, MOW, MUR, NGR, NVS, PRI, PSK, ROS, RYA, SAM, SMO, SPE, STA, SVE, TA, TOM, TVE, UD, VLA. **S** – Komi Republic, Vuktylsky Dist., Yugyd Va National Park, 64.22198° N, 57.96886° E, on fallen trunk of *Betula* sp. in forest with dominated *Alnus fruticosa*, 25.08.2018, coll. and det. MP (SYKOF 3024, dupl. LE F-334445).

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Новые виды для микобиот регионов России. 6. Информационное сообщение – 2021

С. В. Волобуев^{a, #}, С. Ю. Большаков^a, Ю. Р. Химич^b, А. Г. Ширяев^c, Ю. А. Ребриев^d,
 К. О. Потапов^e, Е. С. Попов^a, В. И. Капитонов^f, М. А. Паламарчук^g, Л. Б. Калинина^a,
 Д. А. Косолапов^g, И. В. Ставишенко^c, Л. Г. Переведенцева^h, В. А. Власенкоⁱ, О. Н. Ежов^j,
 Д. В. Кириллов^g, В. Н. Ботяков^k, Е. А. Паломожных^a, В. С. Боталов^l, Е. А. Звягина^{m, n},
 Т. Дэжидмаа^o, А. В. Леострин^a, А. А. Ефимова^p, Е. А. Боровичев^b, Н. В. Шахова^a, А. С. Шишигин^h,
 А. В. Власенкоⁱ, И. В. Змитрович^a

^a Ботанический институт им. В.Л. Комарова РАН, Санкт-Петербург, Россия

^b Институт проблем промышленной экологии Севера – обособленное подразделение
 Федерального исследовательского центра “Кольский научный центр Российской академии наук”, Апатиты, Россия

^c Институт экологии растений и животных Уральского отделения РАН, Екатеринбург, Россия

^d Южный научный центр РАН, Ростов-на-Дону, Россия

^e Казанский (Приволжский) федеральный университет, Казань, Россия

^f Тобольская комплексная научная станция Уральского отделения РАН, Тобольск, Россия

^g Институт биологии Коми научного центра УрО РАН, Сыктывкар, Россия

^h Пермский государственный национальный исследовательский университет, Пермь, Россия

ⁱ Центральный сибирский ботанический сад СО РАН, Новосибирск, Россия

^j Федеральный исследовательский центр комплексного изучения Арктики им. академика Н.П. Лаверова РАН,
 Архангельск, Россия

^k Санкт-Петербургское микологическое общество, Санкт-Петербург, Россия

^l Пермский государственный аграрно-технологический университет им. акад. Д.Н. Прянишникова, Пермь, Россия

^m Московский государственный университет имени М.В. Ломоносова, Москва, Россия

ⁿ Сургутский государственный университет, Сургут, Россия

^o Научно-исследовательский институт защиты растений Монголии, Улан-Батор, Монголия

^p Костромской музей-заповедник (отдел природы), Кострома, Россия

[#] e-mail: sergvolobuev@binran.ru

Представлены данные о находках 11 видов сумчатых и 116 видов базидиальных грибов, выявленных впервые для Кабардино-Балкарской Республики (6 видов), Карачаево-Черкесской Республики (1), Республики Коми (19), Республики Башкортостан (4), Республики Дагестан (1), Республики Мордовия (7), Республики Татарстан (12), Республики Тыва (5), Удмуртской Республики (1), Краснодарского края (2), Пермского края (5), Архангельской (3), Астраханской (1), Вологодской (4), Калининградской (1), Кировской (4), Костромской (9), Ленинградской (13), Липецкой (1), Мурманской (4), Новгородской (1), Орловской (1), Пензенской (1), Ростовской (1), Свердловской (4), Тюменской (10), Челябинской (7), Ярославской (10) областей, Санкт-Петербурга (1), Ханты-Мансийского автономного округа (2 вида). Аннотированный список включает данные о местонахождениях, местообитаниях, субстратах и датах сбора приводимых находок, с указанием коллекционных номеров микологических гербариев. Впервые для России приводятся *Favolaschia calocera*, *Hygrophorus exiguus* и *Laetisaria lichenicola*. Виды *Acanthophy-sellum minor*, *Albatrellus citrinus*, *Flammula pinicola*, *Leptosporomyces montanus* и *Tubulicrinis regificus* указываются для России во второй раз, виды *Gibbera andromedae*, *Lindtneria trachyspora*, *Rhodocollybia fodiens*, *Ro-senscheldia abundans*, *Scutigera pes-caprae* и *Xerocomellus cisalpinus* отмечены третьими находками. Для образцов *Hygrophorus exiguus* и *Riopa metamorphosa* получены и депонированы в международную базу данных Генбанк нуклеотидные последовательности области ITS ядерной рибосомальной ДНК.

Ключевые слова: аскомицеты, базидиомицеты, биоразнообразии, распространение грибов, Россия