

New records of lichens and allied fungi from the Leningrad Region, Russia. VIII

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Abstract: Thirteen species and one variety of lichens, nine lichenicolous and two saprobic fungi are reported for the first time for St. Petersburg, the whole Leningrad Region or its western or eastern parts. The lichens *Bacidina brandii*, *B. neosquamulosa*, *Porina leptalea*, *Rinodina aspersa* and the lichenicolous fungus *Scutula dedicata* are reported for the first time for Russia, lichenicolous fungus *Lichenocnium aeruginosum* – for European Russia, the lichen *Tetramelas chloroleucus*, lichenicolous fungi *Lichenocnium pyxidatae* and *Tremella cetrariicola* are new for the North-Western European Russia. The most interesting records are briefly discussed.

Keywords: European Russia; *Bacidina brandii*; *Bacidina neosquamulosa*; *Porina leptalea*; *Rinodina aspersa*; *Scutula dedicata*

INTRODUCTION

This article presents the new and noteworthy findings of lichens and allied fungi from the Leningrad Region and St. Petersburg continuing the series of publications on the same subject (see e.g. Kuznetsova et al., 2007; Stepanchikova et al., 2010a, b, 2011a, b; Himelbrant et al., 2016). The lichens *Bacidina brandii*, *B. neosquamulosa*, *Porina leptalea*, *Rinodina aspersa* and lichenicolous fungus *Scutula dedicata* are reported for the first time for Russia, lichenicolous fungus *Lichenocnium aeruginosum* – for European Russia, while the lichen *Tetramelas chloroleucus*, lichenicolous fungi *Lichenocnium pyxidatae* and *Tremella cetrariicola* are new for the North-Western European Russia. Ten of the reported taxa (the lichens *Alyxoria culmigena*, *Bacidina egenula*, *Dermatocarpon miniatum* var. *miniatum*, *Lecanora fuscescens*, *Rhizocarpon viridiatrum*, *Thelocarpon impressellum*, lichenicolous fungi *Echinothecium cladoniae*, *Libertiella curvispora*, *Taeniolella beschiana*, and saprobic fungus *Pyrenula coryli*) are new for the whole Lenin-

grad Region (including St. Petersburg), and one (*Niesslia cladoniicola*) – for St. Petersburg.

MATERIAL AND METHODS

Specimens were collected by Dmitry E. Himelbrant, Irina S. Stepanchikova, Ekaterina S. Kuznetsova, Aleksandra V. Dyomina, Ludmila V. Gagarina, Ludmila A. Konoreva and Gulnara M. Tagirdzhanova in 2004–2016 in the eastern and western parts of Leningrad Region or in St. Petersburg, and are deposited in the lichen herbaria of St. Petersburg State University (LECB) and Institute of Botany, Nature Research Centre in Vilnius (BILAS). Furthermore, we investigated several specimens of lichens and lichenicolous fungi kept in the herbaria of University of Helsinki (H), University of Turku (TUR-V), Finnish Forest Research Institute (HFR) and Samara State University (SMR). Mentioned specimens were mainly identified by the authors of the paper, if otherwise, the identifier's name is indicated

in the annotation of the species. Micrographs of external features for *Bacidina* species were taken with Stemi-2000 CS microscope with an attached camera AxioCam MRc5.

The names of the main collectors in the species list are abbreviated as follows: AD – Aleksandra V. Dyomina; DH – Dmitry E. Himelbrant, EK – Ekaterina S. Kuznetsova, EV – Edward A. Vainio, IS – Irina S. Stepanchikova, VR – Veli Räsänen. The subdivision of the Leningrad Region (LR) was published in our previous paper (Stepanchikova et al., 2010b); the following abbreviations have been used here: ELR – Eastern Leningrad Region, SPb – St. Petersburg, WLR – Western Leningrad Region. The biogeographical provinces of Eastern Fennoscandia are abbreviated traditionally (Kotiranta et al., 1998): Ik – Isthmus karelicus, Ka – Karelia australis, Kl – Karelia ladogensis, Kol – Karelia olonetsensis. Lichenicolous fungi are marked with # and non-lichenized fungi with +. The nomenclature of taxa generally follows Nordin et al. (2011); for the species not mentioned in the checklist, special papers are cited (Wedin et al., 2006; Diederich et al., 2008; Hauck & Wirth, 2010).

THE SPECIES

ALYXORIA CULMIGENA (Libert) Ertz – WLR, Ik, Priozersk District, Vladimirovka (former Sor-tanlahti), 60°50'N, 30°29'E, on bark of *Picea* sp., 12.08.1917, leg. VR (H 8000416); Konevets Island, 60°51'N, 30°37'E, on bark of *Acer platanoides* L., 15.06.1938, leg. VR [H 8005159, sub *Lecanora argentata* (Ach.) Malme]; Kl, Priozersk District, former Isohieta (Suurenhiäkanniemi), shore of Ladoga Lake, ca. 4.5 km NE of Priozersk (former Käkisalmi), 60°04'N, 30°09'E, on lignum, 31.07.1924, leg. VR [H, sub *L. pulicaris* (Pers.) Ach.]. – New to LR. Distribution in North-Western European Russia outside of LR: Republic of Karelia (Fadeeva et al., 2007). Distribution in Fennoscandia and Baltic countries: Sweden, Finland (Nordin et al., 2011), Estonia (Randlane et al., 2016), Latvia (Motiejūnaitė et al., 2016).

BACIDINA BRANDII (Coppins & van den Boom) M. Hauck & V. Wirth – SPb, Kronstadt District, NW part of Kotlin Island, Zapadny Kotlin Protected Area, ca. 0.7 km E to the fort Rif, 60°01'49.2"N, 29°38'58.6"E, aspen stand, on bark of *Populus tremula* L., 05.07.2007, leg. IS & EK (LECB);

Primorsky District, NW part of Yuntolovsky Protected Area, 60°02'06"N, 30°08'55"E, birch and black alder forest, on bark of *Alnus glutinosa* (L.) Gaertn., 16.05.2004, leg. DH & IS (LECB). This specimen was previously published as *B. sulphurella* (Samp.) Hauck & Wirth (Stepanchikova et al., 2015); Petrogradsky District, Elagin Island Protected Area, SE part of the island, N of II Southern Pond, 59°58'39.5"N, 30°15'45.9"E, bark of *Betula* sp., 08.05.2005, leg. DH, EK & IS, det. Julia V. Gerasimova & Stefan Ekman (LECB). This specimen was previously published as *B. delicata* (Larbal. ex Leight.) V. Wirth & Vězda (Himelbrant et al., 2007). – New to Russia. Distribution in Fennoscandia and Baltic countries: Estonia (Randlane et al., 2016), Lithuania (Coppins & van den Boom, 2002). It has a characteristic thallus, composed of scattered to usually confluent granular areoles (Fig. 1). Differs from other *Bacidina* species by combination of dark hypothecium and esorediate thallus (Coppins & Aptroot, 2009).



Fig. 1. Thallus and apothecia of *Bacidina brandii*. Scale bar = 0.5 mm.

BACIDINA EGENULA (Nyl.) Vězda – SPb, Primorsky District, E of Lisy Nos, S of the former Morskaya railway station, Severo-Primorsky Park, near the seashore, 59°59'54"N, 30°03'47"E, concrete bridge, on concrete, 23.07.2007, leg. IS & Ludmila A. Konoreva (LECB), specimen was previously published as *B. arnoldiana* (Körb.) V. Wirth & Vězda (Stepanchikova et al., 2008); Petrogradsky District, Elagin Island Protected Area, S part of the island, W of II Elagin bridge, 59°58'36.2"N, 30°15'21.8"E, on bark of *Quercus robur* L., 07.05.2005, leg. DH, EK & IS, det. Stefan Ekman (LECB). Specimen was previously published as *Bacidina* cf. *caligans* (Nyl.) Sant. (Himmelbrant et al., 2007). – New to SPb, not reported from LR. Distribution in North-Western European Russia outside of LR: Republic of Karelia (Fadeeva et al., 2007). Distribution in Fennoscandia and Baltic countries: Norway, Sweden, Finland (Nordin et al., 2011), Estonia (Randlane et al., 2016), Lithuania (Motiejūnaite & Fałtynowicz, 2005).

BACIDINA NEOSQUAMULOSA (Aptroot & Herk) S. Ekman – SPb, Petrogradsky District, Elagin Island Protected Area, S part of the island, W of II Elagin bridge, 59°58'36.2"N, 30°15'21.8"E, on bark of *Larix* sp., 07.05.2005, leg. DH, EK & IS, det. J. Gerasimova (LECB); same place, SE part of the island, S of I Southern Pond, 59°58'33.9"N, 30°15'52.0"E, on bark of *Salix* sp., 27.04.2005, leg. DH, EK & IS, det. Stefan Ekman (LECB). Specimens were previously published as *Bacidina* cf. *caligans* (Nyl.) Sant. (Himmelbrant et al., 2007). – New to Russia. Distribution in Fennoscandia and Baltic countries: Sweden (Nordin et al., 2011). *B. neosquamulosa* is characterized by isidiose thallus, consisting of granular microsquamules. It grows mostly on bark of deciduous trees, being tolerant to urban conditions (Aptroot & van Herk, 1999; Coppins & Aptroot, 2009). The characteristics of our specimens generally correspond to the type material, but differ in having smaller and less developed, flattened and partly scattered squamules, without isidia-like granules along the margins (Fig. 2).

CHEIROMYCINA FLABELLIFORMIS B. Sutton – WLR, Gatchina District, S of Dylitsy, 59°28'24.8"N, 29°44'41.0"E, spruce forest with aspen and undergrowth, on bark of *Salix caprea* L., 09.07.2016, leg. IS & AD (LECB). – New to WLR,

known from ELR (Kuznetsova et al., 2007). Distribution in North-Western European Russia outside of LR: Republic of Karelia (Fadeeva et al., 2007). Distribution in Fennoscandia and Baltic countries: Norway, Sweden, Finland (Nordin et al., 2011). Specialized species of biologically valuable forests in the Southern Taiga of North-Western European Russia (Andersson et al., 2009).

DERMATOCARPON MINIATUM (L.) W. Mann var. *MINIATUM* – WLR, Ik, Vyborg District, SE of Yakovlevo (former Mustamäki) and SW of Roschino (former Raivola), Lindulovskaya Grove (former Lintulan Lehtikuusenmetsä), Lindulovskaya Roscha Protected Area, Roschinka riverbed, 60°14'N, 29°32'E, on inundated siliceous stones, 17.06.1929, leg. Viljo Kujala, det. VR (HFR); Ka, Vyborg District, Tervaniemi Cape in the central part of Vyborg (former Viipuri), SW of Castle, 60°43'N, 28°43'E, on wet siliceous rock, 15.06.1907, leg. & det. Karlo Linkola (H



Fig. 2. Thallus and apothecia of *Bacidina neosquamulosa*. Scale bar = 0.5 mm.

8004934); Kl, Priozersk District, former Jyrkälä, vicinity of Bogatyri (former Koverila), ca. 5 km W of Kuznechnoe (former Kaarlahti), 61°60'N, 29°47'E, on inundated siliceous rock, 28.07.1935, leg. Karlo Linkola, det. Matti Laurila (H 8004935, 8004936). – New to LR. Distribution in North-Western European Russia outside of LR: Republic of Karelia (Fadeeva et al., 2007). Distribution in Fennoscandia and Baltic countries: Norway, Sweden, Finland (Nordin et al., 2011), Estonia (Randlane et al., 2016), Lithuania (historical literature data) (Motiejūnaitė, 2002).

DICTYOCATENULATA ALBA Finley & E.F. Morris – WLR, Gatchina District, S of Dylitsy, 59°28'24.8"N, 29°44'41.0"E, old spruce forest with aspen, on bark of *Salix caprea*, 09.07.2016, leg. IS & AD (LECB). – New to WLR, known from SPb (Stepanchikova et al., 2010b) and ELR (Stepanchikova et al., 2011). Distribution in North-Western European Russia outside of LR: not reported. Distribution in Fennoscandia and Baltic countries: not reported.

ECHINOTHECIUM CLADONIAE Keissl. – ELR, Podporozh'e District, ca. 16 km N to Vachozero Lake, 61°14'10.4"N, 34°12'14.6"E, old-growth spruce forest with birch, *Sphagnum* spp., *Eriophorum vaginatum* L. and *Vaccinium myrtillus* L., on thallus of *Cladonia* sp., 04.08.2016, leg. AD & Ekaterina I. Rozantseva (BILAS). – New to LR. Distribution in North-Western European Russia outside of LR: Republic of Karelia (Zhurbenko & Himelbrant, 2002). Distribution in Fennoscandia and Baltic countries: Norway, Sweden, Finland (Nordin et al., 2011). The fungus is similar to *Niesslia cladoniicola*, differing by smaller (50–65 µm diam. in our specimen) ascomata, short (macroscopically inconspicuous) setae with rounded apices and walls much darker than ascomatal walls and hyaline ascospores that may turn pale brown. Ascospores were 12.0–13.0 × 4.0–4.5 µm in our specimen, hyaline to very pale brown, all 1-septate [no simple spores seen, as described by Zhurbenko & Pino-Bodas (2015)]. Characteristic feature of *E. cladoniae* is brown superficial mycelium, however, it is not macroscopically visible when growing on sorediate podetia, as was in case of our specimen: the mycelium was seen only in microscopic preparations.

LECANORA FUSCESCENS (Sommerf.) Nyl. – WLR, Ka, Vyborg District, former Patalahti, ca. 3 km

NW of Kamennogorsk (former Antrea), 60°58'N, 29°02'E, on lignum of old barn, 13.07.1921, leg. Osmo H. Porkka (H). – New to LR. The report of this species from Gumbaritsy, Lodeynoe Pole District, Kol, ELR (Elfving, 1878) belongs to *L. boligera* (Norman ex Th. Fr.) Hedl. (see Kuznetsova et al., 2007). Distribution in North-Western European Russia outside of LR: Republic of Karelia (Fadeeva et al., 2007), Novgorod Region (Kataeva, 2009). Distribution in Fennoscandia and Baltic countries: Norway, Sweden, Finland (Nordin et al., 2011).

LIBERTIELLA CURVISPORA D. Hawksw. & Miądl. – ELR, Boksitogorsk District, E of Sidorovo, vicinity of Kolp' River, 59°54'06.7"N, 35°22'09.9"E, aspen forest with undergrowth, on thallus of *Peltigera* sp. on trunk of *Populus tremula*, 29.07.2016, leg. AD (BILAS). – New to LR. Distribution in North-Western European Russia outside of LR: Republic of Karelia (Fadeeva et al., 2007). Distribution in Fennoscandia and Baltic countries: Finland (Nordin et al., 2011), Estonia (Randlane et al., 2016), Lithuania (Motiejūnaitė et al., 2011).

LICHENOCONIUM AERUGINOSUM Diederich, M. Brand, van den Boom & Lawrey – WLR, Gatchina Region, vicinity of Ermolino, 59°29'58.4"N, 29°41'42.5"E, boulder on meadow, on thallus of *Cladonia* cf. *imbriata* (L.) Fr. on primary soil on granitic boulder, 06.10.2016, leg. DH & IS (BILAS). – New to European Russia except Caucasus. Recently reported from Russian Caucasus (Zhurbenko & Kobzeva, 2016). Distribution in Fennoscandia and Baltic countries: not reported. The fungus is easily distinguished from all species of the genus by the presence of bluish pigment in pycnidial wall and by strong aeruginose reaction with K of pycnidial walls (Lawrey et al., 2011). Apart from the striking reaction of pycnidial wall, from all the species of the genus that occur on *Cladonia*, *L. aeruginosum* differs by larger conidia.

LICHENOCONIUM PYXIDATAE (Oudem.) Petr. & Syd. – ELR, Boksitogorsk District, ca. 3 km E of Krasnoborsky, 59°57'22.2"N, 35°15'35.1"E, sand quarry, on thallus of *Cladonia botrytes* (K. G. Hagen) Willd. on lignum, 09.05.2016, leg. IS (BILAS). – New to North-Western European Russia, nearest locality in European Russia is Franz Josef Land (Zhurbenko, 2007). Distri-

bution in Fennoscandia and Baltic countries: Norway, Sweden (Nordin et al., 2011), Estonia (Randlane et al., 2016), Latvia (Motiejūnaitė et al., 2016), Lithuania (Motiejūnaitė, 1999). From most of the species of the genus occurring on *Cladonia*, *L. pyxidatae* differ by rather large pycnidia (100–130 × 70–95 μm in our specimen) and rather smooth, truncate conidia (Diederich, 2004). For the differences from *L. aeruginosum* see above.

NIESSLIA CLADONICOLA D. Hawksw. & W. Gams – SPb, Ik, Kurortny District, NE part of Gladyshevsky protected area, E of Chyornaya (former Vammeljoki) river, 60°13'09"N, 29°32'45"E, spruce forest with windfall, on squamules of *Cladonia chlorophaea* (Flörke ex Sommerf.) Spreng. s. l. on lignum of *Picea* sp. (fallen trunk), 09.09.2016, leg. DH & IS (LECB). – New to SPb, previously known from WLR (Himmelbrant et al., 2014). Distribution in North-Western European Russia outside of LR: Republic of Karelia (Fadeeva et al., 2007). Distribution in Fennoscandia and Baltic countries: Sweden, Finland (Nordin et al., 2011), Estonia (Randlane et al., 2016).

PORINA LEPTALEA (Durieu & Mont.) A.L. Sm. – WLR, Ka, Vyborg District, old park Monrepo in Vyborg, 60°44'N, 28°43'E, on shared damp shore rock, 05.1875, leg. EV (TUR-V 31584). – New to Russia. Distribution in Fennoscandia and Baltic countries: Sweden, Finland (Nordin et al., 2011). Characterized by brownish-orange small perithecia with orange involucrellum and 3-septate ascospores (Smith et al., 2009).

PRONECTRIA LEPTALEAE (J. Steiner) Lowen – WLR, Gatchina Region, vicinity of F'unatovo, 59°33'47.4"N, 29°41'57.1"E, herb spruce forest with rowan and aspen, on thallus and apothecia of *Physcia aipolia* (Ehrh. ex Humb.) Fűrnr. on bark of *Populus tremula*, 14.09.2016, leg. DH & IS (LECB). – New to WLR, previously known from SPb (Himmelbrant et al., 2016). Distribution in North-Western European Russia outside of LR: not reported. Distribution in Fennoscandia and Baltic countries: Sweden (Nordin et al., 2011), Estonia (Randlane et al., 2016), Lithuania (Motiejūnaitė et al., 2012).

+ PYRENULA CORYLI A. Massal. – SPb, Krasnoe Selo District, Dudergof Heights, N slope of Voron'ya hill, Dudergofskie Vysoty Protected Area, 59°42'08.8"N, 30°07'47.9"E, ash forest

with common hazel and *Aegopodium podagraria* L., on bark of *Corylus avellana* L., 05.2011, leg. DH, EK & IS (LECB); same place, SW slope of Orekhovaya hill, upper part of a shallow ravine, 59°41'37.0"N, 30°07'27.7"E, ash forest with willows, common hazel and *Aegopodium podagraria*, on bark of *Corylus avellana*, 06.2011, leg. EK & IS (LECB); WLR, Ik, Priozersk District, former Makkara, shore of Sukhodol'skoe Lake (former Suvantojärvi), ca. 11 km SEE of Gromovo (former Sakkola), 60°38'N, 30°23'E, on bark of *C. avellana*, 05.09.1917, leg. VR (H 8003990). – New to LR and SPb. Distribution in North-Western European Russia outside of LR: Republic of Karelia (Fadeeva et al., 2007). Distribution in Fennoscandia and Baltic countries: Norway, Sweden, Finland (Nordin et al., 2011), Estonia (Randlane et al., 2016), Latvia (Āboliņa et al., 2015).

RHIZOCARPON VIRIDIATRUM (Wulfen) Körb. – WLR, Ik, Priozersk District, Laukkaan hill near Bogatyri (former Koverila), 61°05'N, 29°43'E, on sunny side of granitic boulder in forest, 20.07.1935, leg. Matti Laurila (H). – New to LR. Distribution in North-Western European Russia outside of LR: Republic of Karelia (Fadeeva et al., 2007). Distribution in Fennoscandia and Baltic countries: Norway, Sweden, Finland (Nordin et al., 2011), Lithuania (Motiejūnaitė, 1999).

RINODINA ASPERSA (Borrer) J.R. Laundon – WLR, Ka, Vyborg District, Tervaniemi Cape in the central part of Vyborg (Viipuri), SW of Castle, 60°43'N, 28°43'E, on wet and shaded siliceous rock on gulf shore, 05.1875, leg. EV [TUR-V 07638, sub *Rufoplaca arenaria* (Pers.) Arup, Søchting & Frödén]. – New to Russia. Distribution in Fennoscandia and Baltic countries: Sweden, Finland (Nordin et al., 2011), Lithuania (Motiejūnaitė & Grochowski, 2014). Characterized by sorediate whitish to grey thallus of scattered areolae (C+ red, K+ yellow, P-), with black prothallus and rare lecanorine apothecia (Mayrhofer & Moberg, 2002).

SCUTULA DEDICATA Tiedel, Wedin & Rambold – WLR, Ik, Priozersk District, former Kylmäoja, vicinity of Gromovo (Sakkola), 60°42'N, 30°12'E, on thallus of *Peltigera didactyla* (With.) J. R. Laundon on mosses, 20.08.1917, leg. VR, det. Arto Puolasmaa (H 8005584). – New to Russia. Distribution in Fennoscandia and Baltic coun-

tries: Sweden, Finland (Nordin et al., 2011), Lithuania (Motiejūnaitė et al., 2011). Differs from another species with epikapylic thallus *Scutula heeri* (Hepp) Trevis. by smaller ascospores (to 11.3 µm long), microconidia (to 9 µm long) and macroconidia (to 10.5 µm long) (Triebel et al., 1997).

+ *STICTIS RADIATA* Pers. – ELR, ca. 13.5 km E of Krasnoborsky, 59°56'08.3"N, 35°25'52.8"E, spruce forest with birch and aspen, on lignum of *Populus tremula*, 27.07.2016, leg. IS & AD (LECB). – New to ELR, known from WLR (Kuznetsova et al., 2012). Distribution in European Russia outside of LR: Murmansk Region (Karsten, 1866). Distribution in Fennoscandia and Baltic countries: Sweden (Wedin et al., 2006).

TAENIOLELLA BESCHIANA Diederich – WLR, Ka, Vyborg District, Monrepo Park, 60°43'N, 28°43'E, broad-leaved forest, on podetia of *Cladonia arbuscula* (Wallr.) Flot. on soil, 16.11.2012, leg. Evgeny S. Korchikov (SMR 262). The specimen was also infected by *Roselliniella cladoniae* (Anzi) Matzer & Hafellner. – New to LR. Distribution in North-Western European Russia outside of LR: Republic of Karelia (Zhurbenko & Himmelbrant, 2002). Distribution in Fennoscandia and Baltic countries: Norway, Sweden (Nordin et al., 2011), Estonia (Randlane et al., 2016), Lithuania (Motiejūnaitė & Andersson, 2003). Another member of the genus parasitizing *Cladonia* species, *Taeniolella cladinicola* Alstrup, differs by its smooth conidia and dense conidiophores that give the host surface velvety (Alstrup, 2003).

TETRAMELAS CHLOROLEUCUS (Körb.) A. Nordin – WLR, Ka, Vyborg District, central historical part of Vyborg (former Vanhaviipuri), 60°43'N, 28°45'E, on bark of dead *Alnus* sp. (base of trunk), 05.1875, leg. EV (TUR-V 09258). – New to North-Western European Russia. Nearest locality in European Russia known from Murmansk Region (Zhdanov & Dudoreva, 2008). Distribution in Fennoscandia and Baltic countries: Norway, Sweden, Finland (Nordin et al., 2011). This corticolous species is characterized by rather small apothecia (to 0.8 mm diam.) and spores (to 23.5 µm long), and whitish thallus (C + yellow to orange and UV + orange) (Foucard et al., 2002).

THELOCARPON IMPRESSELLUM Nyl. – WLR, Volosovo District, vicinity of Dontso, Dontso Protected Area, 59°26'20.1"N, 29°45'03.2"E, on mossy cal-

ciferous soil, 09.10.2015, leg. DH & IS (LECB). – New to LR. Distribution in North-Western European Russia outside of LR: Republic of Karelia (Fadeeva et al., 2007). Distribution in Fennoscandia and Baltic countries: Norway, Sweden, Finland (Nordin et al., 2011), Estonia (Randlane et al., 2016), Latvia (Āboliņa et al., 2015), Lithuania (Motiejūnaitė, 2007).

THELOCARPON INTERMEDIELLUM Nyl. – ELR, Podporozh'e District, NW of Soginitsy village, left bank of Vazhinka River, 61°07'52.3"N, 34°00'11.7"E, on lignum of *Picea* sp., 22.05.2016, leg. DH, IS & Gulnara M. Tagirdzhanova (LECB); SPb, Primorsky District, vicinity of Lisy Nos, Severo-Primorsky Park protected area, 60°00'10.4"N, 30°02'30.5"E, spruce forest with birch, on lignum of fallen trunk, 14.05.2011, leg. DH & EK (LECB). – New to ELR and SPb, known from WLR (Erastova et al., 2009; Stepanchikova et al., 2011b). Distribution in North-Western European Russia outside of LR: not reported. Distribution in Fennoscandia and Baltic countries: Norway, Sweden, Finland (Nordin et al., 2011), Estonia (Randlane et al., 2016), Latvia (Āboliņa et al., 2015), Lithuania (Motiejūnaitė et al., 2003).

TREMELLA CETRARIICOLA Diederich & Coppins – ELR, Podporozh'e District, NW of Soginitsy village, right bank of Svyatukha River, 61°13'09.5"N, 34°56'10.3"E, old-growth spruce forest with *Sphagnum* spp., on thallus of *Tuckermannopsis chlorophylla* (Willd. ex Humb.) Hale on twig of *Picea* sp., 06.07.2016, leg. IS & AD (BILAS). – New to North-Western European Russia, nearest locality known in Murmansk Region (Urbanavichus et al., 2008). Distribution in Fennoscandia and Baltic countries: Norway, Sweden, Finland (Nordin et al., 2011), Estonia (Randlane et al., 2016), Latvia (Āboliņa et al., 2015). The fungus is obligately lichenicolous on *Tuckermannopsis*, forming reddish brown to black brown convex basidiomata, usually with central depression when old (Diederich, 1996). In our specimen ellipsoid basidia with longitudinal to oblique basidia and basidiospores with refractive apiculus were observed.

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