

Specimens examined: **Russia. Krasnoyarsk Territory:** Shushensky District, Western Sayan, Khemchiksky Ridge, valley of Khem-Terek River, 1 km from Sayano-Shushensky reservoir, right bank, S slope, 1200 m a. s. l., larch forest with *Caragana* sp., *Rhododendron* sp. and *Calamagrostis* sp., on bark of *Larix* sp., 19 VI 1988, *Sonnikova*, ALTB; *ibid.*, NW slope, 1200 m a. s. l., spruce-larch grass forest, on bark, 22 VI 1988, *Sonnikova*, ALTB; *ibid.*, S slope, 700 m a. s. l., larch forest with *Rhododendron*, *Poa* sp., and grasses, on bark of *Larix* sp., 19 VI 1988, *Sonnikova*, ALTB; *ibid.*, left bank, NW slope, 1200 m a. s. l., spruce-larch forest with grasses, on bark, 22 VI 1988, *Sonnikova*, ALTB; *ibid.*, Kara-Oi River, NW slope, 1300 m a. s. l., floodplain spruce-larch forest with grasses and *Poa* sp., on twigs, 12 VIII 1988, *Sonnikova*, ALTB; Idzhirsky Ridge, Adan-Art River, Sayano-Shushensky Reserve, SW slope, 1100 m a. s. l., larch-birch forest with *Caragana* sp. undergrowth, with grasses, *Carex* sp. and *Poa* sp., on bark, 18 VIII 1989, *Sonnikova* 50, ALTB; Jenisejsk, 61 verst, 59°10'N, on bark of *Prunus padus*, 26 VI 1876, *Brenner 1034a*, LE; *ibid.*, Nasimova, 59°35'N, on bark, 28 VI 1876, *Brenner 1021i*, LE; Guv. Jenisejsk, Jenisejsk, 58°20'N, auf holz, *Sorbus* sp., 21 VII 1876, *Brenner 131b*, 142d, 165h, H; *ibid.*, Plachino, 68°05'N, auf zweigen, 22 VII 1876, *Brenner 771f*, 771d, H; *ibid.*, 61 verstnordl. Jenisejsk, 59°10'N, auf altem *Prunus padus*, 26 VI 1876, *Brenner 1068a*, H; *ibid.*, Verkhneimbatsk, 63°15'N, auf Holzsaun, 9 VII 1876, *Brenner 236b*, 236g, 475n, 475p, 476a, 476m, H; *ibid.*, Potapovskoje, 68°38'N, auf Zweigen, 25 VII 1876, *Brenner 687h*, H; *ibid.*, Nikulina, 60°20'N, auf Holz, 30 VI 1876, *Brenner 1019l*, H; *ibid.*, Asinovo, 61°25'N, auf Nadelholzrinde, 4 VII 1876, *Brenner 1420c*, H; *ibid.*, Alinskoje, 63°25'N, auf Zweigen, 9 VII 1876, *Brenner 1749c*, H; *ibid.*, Nasimova, 59°35'N, auf Holz, 28 VI 1876, *Brenner 1035e*, H; *ibid.*, Polovinka, 68°15'N, auf Nadelholzrinde, 16 IX 1876, *Brenner 424d*, 423l, H; *ibid.*, Stolba, 60°20'N, 1 VII 1876, *Brenner 1124a*, H; *ibid.*, Insarovo, 62°05'N, auf *Alnus* sp., 7 VII 1876, *Brenner 190a*, H; *ibid.*, Vorogovo, 22 verst north, 61°05'N, auf *Alnus* sp., 3 VII 1876, *Brenner 1716g*, H; *ibid.*, Novosyolovskoe, 62°15'N, auf dürre Zweigen, 26 IX 1876, *Brenner 479m*, H; *ibid.*, Nikandrovskii Ostrov, 70°20'N, auf *Salix lanata* L. Zweigen, 16 VIII 1876, *Brenner 1565l*, H; Evenkiiskiy District, Baykitsky Ridge, 9 km N to Baikit, 61°44'10.5"N, 96°30'56.0"E, 615 m a. s. l., light birch forest, on bark of *Betula* sp., *Picea* sp., 20 VIII 2015, *Kharpukhaeva*, UUH; *ibid.*, 4 km S to Baikit, right bank of Podkamennaya Tunguska River, 61°42'33.4"N, 96°81'26.5"E, 481 m a. s. l., mossy pine forest with *Vaccinium* sp., on bark of *Picea* sp., 24 VIII 2015, *Kharpukhaeva*, UUH; *ibid.*, 2 km S to Baikit, left bank of Podkamennaya Tunguska, 61°39'56.6"N, 96°26'06.5"E, 180 m a. s. l., mossy larch forest with *Vaccinium* sp., on twig of *Picea*, 22 VIII 2015, *Kharpukhaeva*, UUH; *ibid.*, 6 km S to Baikit, left bank of Podkamennaya Tunguska River, 61°37'55"N, 96°20'46"E, 296 m a. s. l., moss-shrubby pine forest, on twig of *Picea* sp., 24 VIII 2015, *Kharpukhaeva*, UUH. **Tomsk Region:** Guv. Tomsk: Timskaja, 59°40'N, auf Nadelholzrinde, 1 VI 1876, *Brenner 534d*, H. **Tyumen Region:** Guv. Tobolsk: Kalimski (Ob), 61°N, auf dürre Zweigen, *Abies* sp., 31 V 1876, *Brenner 670d*, 565c, 569j, H. **Irkutsk Region:** Shore of the Lake Baikal, between the villages Listvenichnoe and Goloustnoe, on twig, 13 III 1921, *Smirnov* 69, LE; Siberia, Lake Baikal area, Listvenichnoe, in colle subalp., on *Rhododendron dauricum* L., IX 1902, *Lönnbohm* 174, H; *ibid.*, VIII 1902, *Lönnbohm* 173, H. **Republic of Sakha (Yakutia):** Zhigansky District, ad Fluss Lena inf., prope pag. Shigansk, auf *Salix cinerascens* Wahlenb. [= *S. bebbiana* Sarg.], 8 VI 1901, *Cajander*, H; *ibid.*, at corticum *Salicis capreae* s. l., 6 VIII 1901, *Cajander* (11 samples without no.), H; *ibid.*, 7 VIII 1901, *Cajander* (3 samples without no.), H; *ibid.*, prope ostia flum Aldan, auf *Larix dahurica* [= *L. cajanderi* Mayr], 16 VIII 1901, *Cajander* (3 samples without no.), H; *ibid.*, auf *Salix viminalis* [= *S. dasyclados* Wimm.], 17 VIII 1901, *Cajander*, H; *ibid.*, Balylym, at corticum *Salicis pentandrae* [= *S. pseudopentandra* (Flod.) Flod.], 19 VII 1901, *Cajander* (2 samples without no.), H; Verkhoyansky District, Adycha River, vest bank, stvor Adychanskoy GES, abandoned gas prospector's camp, 68°25'18"N, 135°14'33"E, 130 m a. s. l., on dead *Salix* sp. in forest, 4 VIII 2006, *Ahti 65400*, 65400b, *Efimova*, H; Mirninsky District, left bank of Ulakhan-Botuobuya River, 800 m a. s. l., from confluence of Arbanda-Siene River, mossy spruce forest, 62°08'59.3"N, 112°37'11.3"E, on bark of *Betula fruticosa* Pall., 15 VIII 2006, *Poryadina*, SASY; Vilyuysky District, valley Vilyuy River, vicinity of the Kysyl-Syr village, tukulan Mahatta, larch forest, on bark of *Larix* sp., 23 VII 2015, *Galanina*, VLA; *ibid.*, over-

grown tukan in the upper part of the N slope, larch forest, on twig, 25 VII 2015, *Galanina*, VLA; *ibid.*, floodplain alder-willow dead forest, on bark of *Alnus* sp., 2 VI 2012, *Galanina*, VLA; *ibid.*, horizontal top of old tukan with burnt larch forest with *Alnus* sp., 63°54'35"N, 122°33'01"E, on dry *Larix* sp. twig, 14 VII 2015, *Galanina*, VLA; *ibid.*, pine forest with *Picea* sp., on *Picea* sp. twig, 10 VII 2015, *Galanina*, VLA; *ibid.*, flowing swamp moss-shrubs with *Larix* sp., 63°55'01.2"N, 122°31'51.3"E, on bark of *Larix* sp., *Betula* sp., 12 VII 2015, *Galanina Ya-15-18*, VLA; *ibid.*, old overgrowing dune, pine-lichen forest, 63°54'36.3"N, 122°32'15.1"E, on bark of old *Pinus* sp., 11 VII 2015, *Galanina*, VLA; *ibid.*, interdune depression, pine forest with *Arctostaphylos* sp. and lichens, 63°55'00.2"N, 122°31'12.4"E, 112 m, on wood, 15 VII 2015, *Galanina Ya-15-1, Ya-15-2, Ya-15-3, Ya-15-4, Ya-15-5, Ya-15-6, Ya-15-7, Ya-15-8, Ya-15-9, Ya-15-10, Ya-15-14, Ya-15-15, Ya-15-16, Ya-15-17*, VLA; Vilyuy River, high terrace, pine forest with *Arctostaphylos* sp. and lichens on dry sand, on dry twig of *Pinus* sp., 4 VI 2012, *Galanin*, VLA; right bank of Vilyuy River, distant tukan, on sand dunes, on bark of *Betula* sp., *Alnus* sp., 8 VI 2012, *Galanin*, VLA; floodplain of Vilyuy River, 63°54'13"N, 122°37'52"E, spruce forest, on bark of *Alnus* sp., *Betula* sp., 8 VI 2012, *Galanin 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165*, VLA; *ibid.*, spruce forest with *Rosa* sp. and *Ribes* sp., on bark of *Betula* sp., 19 VII 2015, *Galanina 2166, 2167, 2168, 2169*, VLA; Kobyaisky District, Nature Park "Ust-Vilyuisky", left bank of Lyapiske River, right tributary of Lena River, cordon, spruce forest, on *Picea* sp. twig, 9 VII 2002, *Poryadina*, SASY; *ibid.*, spruce-larch forest, on bark of *Picea* sp., 9 VII 2002, *Poryadina*, SASY; *ibid.*, birch-larch forest, on bark of *Betula* sp., 13 VII 2002, *Poryadina*, SASY; *ibid.*, Kuropatkalah River, spruce forest, on bark of *Alnus* sp., 10 VII 2002, *Poryadina*, SASY; *ibid.*, right bank of the Lyapiske River, right tributary of the Lena River, 85 km, larch forest with *Pinus pumila* (Pall.) Regel and mosses, on bark of *P. pumila*, 14 VII 2002, *Poryadina*, SASY; *ibid.*, island, alder-poplar-larch forest, on *Larix* sp. twig, 14 VII 2002, *Poryadina*, SASY; *ibid.*, Lake Tuorallah-Kuel, alder-birch forest, on *Alnus sibirica* (Spach) Turcz. et Komar. twig, 8 VII 2002, *Poryadina*, SASY; right tributary of the Lena River, left bank of Lyunkubey River, spruce forest, on *Picea* sp. twig, 18 VII 2002, *Poryadina*, SASY; Tomponsky District, right bank of Vostochnaya Khandyga River, 600 m from R-504 highway upstream, 63°08'21.2"N, 138°46'39.8"E, 804 m a. s. l., mossy slope with *Betula* sp., on bark of *Betula* sp., 17 VII 2016, *Konoreva 276*, LE; *ibid.*, 63°08'16.1"N, 138°46'33.5"E, 765 m a. s. l., canyon of stream with *Larix* sp., *Betula* sp., *Populus* sp., and *Salix* sp., on bark of *Betula* sp., 17 VII 2016, *Konoreva 260, 267*, LE; Khangalassky District, National Park "Lenskie Stolby" (165 km SW of Yakutsk), right bank of Lena River, near mouth of Labyya River, 61°06'N, 127°21'E, 130 m a. s. l., riverside birch-alder forest, on bark of *Betula* sp., *Pinus* sp., 30 VI 2002, *Ahti 61412, 61412d*, H, SASY; *ibid.*, Elanka (Yelanskoye), ca. 2.5 km WNW of village centre, on high Lena River bank, 61°18'N, 128°05'E, 200 m a. s. l., (southern boreal zone), calcareous steppe-like upper bank with *Pinus sylvestris* L., on *Pinus* sp. stump, 19 VIII 2005, *Ahti 42348, Efimova*, H, SASY; *ibid.*, Elanka (Yelanskoye), ca. 5 km WNW of village centre, 61°18'N, 128°05'E, 150 m a. s. l., steep moist creek valley, spruce-pine-larch forest, on *Picea* sp. twigs, 19 VIII 2005, *Ahti 64406d, Timofeev*, H; Yakutsk surroundings, City Park, cedar herb-rich forest, on bark of *Pinus* sp., 20 IX 2007, *Poryadina*, SASY; Yakutsk, ca. 40 km NW of Yakutsk, 2 km W of Spasskoe (Spasskaya Pad'), N of Forestry Station, 62°14'N, 129°36'E, 205 m a. s. l., dry pine lichen woodland, on bark of *Pinus* sp., 6 VI 2002, *Ahti 61800*, H; Olekminsky District, left bank of Biryuk River (left tributary of Lena River), larch forest with pine, on *Pinus* sp. twig, 18 VII 2008, *Poryadina*, SASY; Aldansky District, Uspun, right bank of the Mash River, on twig of *Larix* sp., 20 VIII 1903, *Schegolev*, LE; right bank of Bolshoy Nimnyr River, 58°44'N, 126°21'E, willow-alder forest, on bark of *Salix* sp., 11 VII 2015, *Poryadina*, SASY; *ibid.*, right bank of Bolshoy Yllymakh River, vicinity of Yllymakh, 58°35'N, 126°41'E, 352 m a. s. l., chozenia forest with *Populus* sp., on bark of *Chosenia* sp., 12 VII 2015, *Poryadina*, SASY; *ibid.*, on bark of *Alnus* sp., 12 VII 2015, *Poryadina*, SASY; *ibid.*, vicinity of Aldan city, bank of Bolshoy Kuranakh River, 58°38'33.6"N, 125°28'05.9"E, 567 m a. s. l., larch-birch-spruce forest, on bark of *Picea obovata* Ledeb., 4 VII 2015, *Chesnokov 60*, LE; *ibid.*, right bank of Bolshoy Nimnir River, 58°02'26.0"N, 125°29'53.7"E, 861 m a. s. l., spruce-pine-larch forest, on bark of *P. obovata*, 10 VII 2015, *Chesnokov 114*, LE; *ibid.*, Skarnovy Mountain,

Turuk River, 58°32'47.5"N, 125°36'15.6"E, 732 m a. s. l., stone place on slope with *Populus* sp., *Betula* sp., *Salix* sp., and *Larix* sp., on bark of *Salix* sp., 6 VII 2015, *Chesnokov* 83, LE; *ibid.*, Lensky stream, 58°34'27.5"N, 125°32'07.9"E, 727 m a. s. l., birch-spruce forest, on bark of *Betula* sp., 4 VII 2015, *Chesnokov* 43, LE; *ibid.*, neighborhood of Aldan city, "Radiogora", 58°36'40.1"N, 125°22'14.9"E, 775 m a. s. l., spruce forest with larch and *Pinus pumila*, on bark of *Picea obovata*, 6 VII 2015, *Chesnokov* 87, LE; right bank of Aldan River, environs of Chagda village, 58°43'55.2"N, 130°37'53.2"E, birch-larch forest, on bark of *Alnus* sp., 16 VII 2000, *Poryadina*, SASY; Neryungrinsky District, left bank of Timpton River, 55°57'12"N, 124°55'03"E, 843 m a. s. l., larch forest with birch and alder, on bark of *Betula* sp., 1 VII 2015, *Konoreva* 96, LE. **Trans-Baikal Territory:** Kyrinsky District, Sokhondinsky Biosphere Reserve, vicinity of forest station Buninda, valley of Agutsa River, 49°42'N, 111°22'E, 1182 m a. s. l., birch herb-rich forest, on bark of *Betula* sp., 14 VIII 2001, *Galanina*, VLA; *ibid.*, vicinity of forest station Agutsakan, N of the station, valley of Agutsakan River, 49°36'35.8"N, 111°19'26.4"E, 1134 m a. s. l., birch forest with *Rhododendron dauricum* and big stones, on bark of *Betula* sp., 24 VII 2006, *Yakovchenko*, VLA; *ibid.*, 4 km NE to the station, 49°37'43.8"N, 111°17'51.2"E, 1199 m a. s. l., birch-larch herb-rich forest, on bark of *Betula platyphylla* Sukaczew, 27 VII 2006, *Yakovchenko* (2 samples), VLA; *ibid.*, 49°36'N, 111°19'E, 1125 m a. s. l., birch-larch forest near the station, on bark of *Betula* sp., 23 VII 2006, *Yakovchenko*, VLA; *ibid.*, NE to the station, flood-plain larch-birch forest, on bark of *Betula* sp., 23 VII 2006, *Yakovchenko* (3 samples), VLA; Balesky District, vicinity Lozhnikovo village, NE of the village Baley of Borschchovochny Range, 51°37'N, 116°40'E, 602 m a. s. l., birch herb-rich forest, on bark of *Betula* sp., 3 VIII 2008, *Yakovchenko*, VLA; *ibid.*, Agutsa River valley, way from Buninda Ranger Station to Larionov Kluch, 49°44'N, 111°17'E, 1290 m a. s. l., birch forest, on bark of *Abies* sp., 3 IX 2009, *Yakovchenko* Z-09-348-1-20, VLA; Duldurginsky District, Alkhanay National Park, Ara-Ilya station, Nizhnyaya Tangaya fold, 50°56'35.1"N, 113°14'32.1"E, 883 m a. s. l., prairie dry slope with granite stones, on bark and twig of *Betula* sp., 8 VII 2006, *Yakovchenko*, VLA; *ibid.*, on bark of *Betula* sp., 6 VII 2006, *Yakovchenko*, VLA; *ibid.*, Slavyanka fold, 50°54'06.4"N, 113°09'10.8"E, S exposition of the steppe slope with huge granite boulders, on bark of *Populus* sp., *Betula* sp., 8 VII 2006, *Yakovchenko*, VLA; Ononsky District, Tsasucheisky Bor Reserve, right bank of the Onon River, pine forest, on the bark of *Pinus* sp., 29 VII 2008, *Yakovchenko*, VLA. **Republic of Buryatia:** Bichursky District, vicinity of Bichura village, S slope of mountain in middle with large granite stones and *Ulmus* sp., *Betula* sp., on bark of *Betula* sp., 7 VII 2007, *Galanina* B-1-1-07, VLA; Severobaikal'sky District, Nizhneangarsk vicinities, Gramna valley, pine-larch shrubby-moss forest, on twigs of *Larix* sp. and *Pinus pumila*, 25 VII 2005, *Kharpukhaeva*, UUH; *ibid.*, Gramna valley, 55°45'N, 109°11'E, 560 m a. s. l., spruce-poplar motley-grass forest, on twig of *Picea* sp., 25 VII 2005, *Kharpukhaeva*, UUH L-00588; Kavynakh valley, 55°46'34.6"N, 109°26'16.2"E, chozenia-dwarf alder grove, on twig of *Picea* sp., 24 VIII 2005, *Kharpukhaeva*, UUH; *ibid.*, larch forest with blueberry and marsh tea, on bark of *Salix* sp., 24 VIII 2015, *Kharpukhaeva*, UUH; *ibid.*, Dushkachan valley, 55°51'39.3"N, 109°41'54.3" E, chozenia grove, on bark of *Chosenia arbutifolia*, 28 VIII 2015, *Kharpukhaeva*, UUH; *ibid.*, Tyya valley, 55°45'17.1"N, 109°18'04.1"E, spruce forest in the river valley, on twig of *Picea* sp., 27 VIII 2015, *Kharpukhaeva*, UUH; *ibid.*, Tyya valley, Nyurundukan mouth, 55°45'41"N, 109°18'28"E, chozenia grove, on bark of *Chosenia arbutifolia*, 26 VIII 2015, *Kharpukhaeva*, UUH; *ibid.*, Kholodnaya valley, 55°53'43.0"N, 109°45'19.5"E, aspen-cedar forest, on twig of *Pinus sibirica* Du Tour, on bark of *Betula* sp., 22 VIII 2015, *Kharpukhaeva*, UUH; *ibid.*, Syroy Molokon valley, 55°47'N, 109°32'E, spruce-birch forest in the river valley, larch forest, on bark of *Picea* sp., *Betula* sp., on *Larix* sp. twig, 24 VIII 2015, *Kharpukhaeva*, UUH L-00338; *ibid.*, Sukhoy Molokon valley, 55°48'N, 109°33'E, larch and birch forests, on *Larix* sp. twig, 23 VIII 2015, *Kharpukhaeva*, UUH L-00334; *ibid.*, Verkhnaya Angara valley, thermal spring Dzelinda, 55°57'56.4"N, 110°31'23.5"E, fir-spruce motley-grass forest, on *Larix* sp. twig, 30 VIII 2015, *Kharpukhaeva*, UUH; Barguzinsky District, Zabaikal'skiy National Park, Baikal lakeshore, Krestovaya Bay, 53°45'38.5"N, 109°00'55.3"E, fir forest, on *Abies* sp. twig, 27 VI 2006, *Kharpukhaeva*, UUH L-00503; Ikatsky Range, Barguzin River valley, Uro vicinities, pine forest, on

*Pinus* sp. twig, 6 VIII 2003, *Kharpukhaeva*, UUH; Kurumkansky District, Ikatsky Range, Dzhergin-sky State Reserve, Lovokton River near Gramnakan mouth, 55°19'28.3"N, 111°25'06.5"E, 1000–1140 m a. s. l., open larch forests with *Betula fruticosa*, on bark of *Salix* sp., *Betula* sp., on shrub birch (*B. fruticosa*, *B. divaricata* Ledeb.), 11 VII 2014, *Kharpukhaeva*, UUH L-00577, L-00556, L-00201; *ibid.*, on *Larix* sp. twig, 10 VII 2004, *Kharpukhaeva*, UUH L-00222; Amatkhan valley, 55°10'04.3"N, 111°13'39.5"E, birch thickets (*Betula fruticosa*, *B. divaricata*), larch-pine forest, on bark, 2 VII 2000, *Kharpukhaeva*, UUH L-12-267, L-15-124, L-01017; *ibid.*, Barguzin valley, Megdelgun thermal springs, 55°05'22.9"N, 111°09'01.5"E, spruce-birch herb-graminoid forest, on spruce branch, 5 VII 2000, *Kharpukhaeva*, UUH L-18-324; *ibid.*, Kovyli valley, 55°07'55.6"N, 111°28'13.9"E, 829 m a. s. l., larch forests with graminoids, marsh tea and cowberry, on bark of *Salix* sp., on *Larix* sp. twig, 9 VII 2002, *Kharpukhaeva*, UUH L-00414, L-00547; *ibid.*, Birankur valley, 55°06'52.7"N, 111°18'09.0"E, 805 m a. s. l., larch moss-cowberry forest, on *Picea* sp. twig, 22 VIII 2002, *Kharpukhaeva*, UUH; *ibid.*, Dzhirga valley, 55°07'55.6"N, 111°28'13.9"E, birch-larch-pine forests, on *Betula* sp. and *Larix* sp. twigs, 12 VI 1998, *Kharpukhaeva*, UUH; Yuzhno-Muysky Range, Lake Yakondykon, 55°16'26"N, 111°45'44"E, 1410 m a. s. l., larch forest, on *Betula* sp. twig, 9 VII 2001, *Kharpukhaeva*, UUH L-00559; Ikatsky Range, Ikat valley, former settlement Pod-Ikat, river terrace, 54°25'21.3"N, 111°21'35.8"E, 863 m a. s. l., spruce-larch moss forest, on *Larix* sp. and *Picea* sp. branches, 15 VIII 2017, *Kharpukhaeva*, UUH; *ibid.*, 54°23'32.0"N, 111°24'51.2"E, 874 m a. s. l., herb-graminoid-moss spruce forest, 15 VIII 2017, *Kharpukhaeva*, UUH; Garga valley near Ikat mouth, 54°26'30.1"N, 111°21'57.3"E, 844 m a. s. l., larch forest in the river valley, on *Chosenia arbutifolia* branch, 18 VIII 2017, *Kharpukhaeva*, UUH; W macroslope of Ikatsky Range, source of Ikat River, 54°21'44.4"N, 111°28'30.3"E, 1350 m a. s. l., larch forest with birch [*Betula lanata* (Regel) V. N. Vassil.] and dwarf alder, on *Alnus fruticosa* branches, 7 VIII 2017, *Kharpukhaeva*, UUH; Ikat valley, 54°23'32.0"N, 111°24'51.2"E, 874 m a. s. l., spruce-larch forest in the river valley, on spruce branches, 24 VIII 2017, *Kharpukhaeva*, UUH; Pribaikalsky District, Ulan-Burgasy Range, source of Angyr River, 52°15'34.9"N, 108°03'53.3"E, shrubby-lichen cedar (*Pinus sibirica*) forest, on fir branches, 25 VI 2007, *Kharpukhaeva*, UUH L-00998; Kika valley, Kika vicinities, 52°30'51.2"N, 108°01'20.7"E, forest cutting in pine forest, on birch trunk, 1 VI 2007, *Kharpukhaeva*, UUH L-00640; Ulan-Ude vicinities, 51°52'43.7"N, 107°40'18.2"E, larch-pine forest, 5 VI 2002, *Budaeva*, UUH; Morskoy Range, 52°11'41.4"N, 107°27'55.6"E, larch forest, on base of *Larix* sp. trunk, 13 VIII 1999, *Budaeva*, UUH; Eravninsky District, Zusy Range, Ozerny vicinities, 52°57'06.4"N, 111°43'56.6"E, larch-birch forest, on bark of *Larix* sp., 29 VII 2008, *Kharpukhaeva*, UUH L-00755; *ibid.*, road to Nazarovskoe, 52°57'06.4"N, 111°43'56.6"E, herb-graminoid-moss larch forest, 30 VII 2008, *Kharpukhaeva*, UUH L-00901; Tunkinsky District, Khamar-Daban Range, Zun-Muren valley, vicinity of Zun-Murino village, 5 km, Nurai, 51°42'14.7"N, 102°50'16.3"E, 711 m a. s. l., floodplane pine-poplar forest, on bark of *Larix* sp., on *Pinus* sp. branches, 6 VIII 2014, *Kharpukhaeva*, UUH; vicinity of Tory, Kher-Gorkhon valley, Kherkhen farm, N slope, 51°42'48.6"N, 102°59'03"E, cedar-spruce forest, on *Pinus sibirica* branches, 5 VIII 2014, *Kharpukhaeva*, UUH; Kharibyaty valley, 51°30'28.8"N, 102°08'12.8"E, 1244 m a. s. l., mossy rocks near flood, on spruce branches, 23 VII 2017, *Kharpukhaeva*, UUH.

**Magadan Region:** Omsukchansky District, about 250 km NE of Magadan, foothills of Kilganskie Range, vicinity of Dzuletta mining camp, 61°11'40.9"N, 153°56'55.7"E, 969 m a. s. l., larch-cedar elf-in woodland with rocks along stream, on dead *Larix* sp. twigs, 9 VIII 2012, *Yakovchenko 25-12*, VLA; Olsky District, Chelomzha River, floodplain chozenia forest, on bark of *Chosenia arbutifolia*, 12 VII 2012, *Zheludeva*, MAG; *ibid.*, Kava River, floodplain forest station 95, on bark of *Betula* sp., 7 VII 2012, *Zheludeva*, MAG; *ibid.*, vicinity of Snow Valley village, floodplain forest, on bark of *Salix* sp., 4 VI 2001, *Lisenko* (2 samples), MAG; vicinity Klepka village, on dry *Larix* sp. twig, 25 VIII 2002, *Iamborko M-02-1*, LE. **Khabarovsk Territory:** 42–52 verst from Nelkan village to Ayan, on Maya River, on twig, 17 VI 1903, *Shchegolev*, LE; Verkhnebureinsky District, Bureinsky Biosphere State Reserve, upper river Pravaya Bureya, Tsarskaya doroga, 650 m N to the Staraya Medvezhka station, 52°56'N, 134°19'E, 872 m a. s. l., larch forest with mosses and *Vaccinium* sp., on bark of *Betu-*

*la* sp., 2 VIII 2009, *Yakovchenko, Spribille*, VLA; Ulchsky District, 20 km NE of De-Kastri village, coast of Japan Sea, N part of bay Thabo, 51°37'45"N, 140°54'6"E, 28 m a. s. l., maritime stunted gnarled *Larix* sp. and *Picea* sp., on dry bark, 6 VIII 2012, *Yakovchenko* (2 samples), VLA; *ibid.*, 13 km S of Sofiysk village, NE spurs of Sikhote-Alin, N slope of Tiul Shaman Mount, 51°28'09"N 139°53'10"E, 866 m a. s. l., birch forest with *Rhododendron* sp. and *Pinus pumila*, on bark of *Betula ermanii* Cham., 8 VIII 2011, *Yakovchenko*, VLA; *ibid.*, S shore of Lake Aksha, 5 km N of Voskresenskoe and 3 km E of Amur River, 52°52'N, 140°3'E, 15 m a. s. l., larch forest with birch, on bark of *Betula platyphylla*, 28 VIII 1976, *Alanko 30696b*, H; Komsomolsky District, 60 km NE of Boktor, basin of Gorin River, stream Poludenny, 51°23'59"N, 137°54'01"E, 947 m a. s. l., subalpine spruce forest, on bark of *Picea* sp., 25 VIII 2011, *Yakovchenko*, VLA. **Amur Region:** Zeya River basin, on bark of *Betula* sp., 8 V 1998, *Prokhorov, Kuseneva*, LE. **Sakhalin Region:** Tymovsky District, S to Palevo village, birch shrub-grassy forest, on bark of *Larix* sp., 22 IX 2008, *Tsarenko S-08-Pal-7*, VLA; 441 km federal highway, birch-larch forest with *Carex* sp. and *Calamagrostis* sp., on dry wood and bark of *Betula* sp., 2 IX 2008, *Tsarenko S-W08-19-03W-7*, VLA. **Kamchatka Territory:** Yelizovsky District, Kronotsky State Reserve, Olga Bay, at the estuary of Olga River, vicinity of the Kronotskaya village, on bark of *Salix* sp., 14 VIII 1985, *Mikulin*, VLA; road from Malkinskies hot springs to the Malka village, valley forest, on bark of *Crataegus chlorosarca* Maxim., VI 1909, *Savicz 5104*, LE; Bystrinsky District, Bystrinsky National Park, 7 km SW of Esso, Bystraya River basin, N slope of Gorgochan pass, 55°51'48"N, 158°38'40"E, 686 m a. s. l., sparse birch (*Betula platyphylla* and *B. ermanii*) forest, bark of *B. platyphylla*, 18 VIII 2003, *Himelbrant, Kuznetsova*, LECB 12-042; S slope of Tolbachik Volcano, SE of Sopka Vladimira hill, 55°43'33.9"N, 160°10'51.3"E, 640 m a. s. l., dead larch forest on scoria, on bark of *Salix* sp., 21 VIII 2007, *Himelbrant, Stepanchikova K07-29*, LECB; Milkovsky District, Kamchatka River basin, SW slope of Tolbachik Volcano, ca. 40–43 km SE of Kozyrevsk, near the Bubochka hill, 55°43'54"N, 160°11'27"E, 680 m a. s. l., poplar sparse stand with dwarf alder, bark of *Alnus fruticosa*, 10 VIII 2006, *Himelbrant*, LECB 12-016 (sub *Rinodina septentrionalis* Malme); *ibid.*, bank of the Kamchatka River, between Mashura and Shchapino villages, on bark of *Padus* sp., 1 VII 1909, *Savicz 5472*, LE; vicinity of Shchapino village, on bark of *Larix cajanderi*, 1 VII 1909, *Savicz 5465*, LE; road from Kirganik village to Mashura village, slope, tundra, on bark of *L. cajanderi*, 1 VII 1909, *Savicz 5345*, LE; *ibid.*, camp at the "Tundrochka", tundra, on bark of *Picea jezoensis* (Siebold et Zucc.) Carrière, 1 VII 1909, *Savicz 5339*, LE; Kronotsky Nature Reserve, Levaya Schapina River basin, right bank of Ipuin River, 55°06'05"N, 159°59'22"E, 280 m a. s. l., poplar floodplain herb-rich forest near the river, on bark of *Alnus hirsuta* (Spach) Rupr. and *Picea jezoensis*, 10 VIII 2009, *Himelbrant, Stepanchikova*, LECB 12-020, 12-025 (sub *Rinodina degeliana* Coppins); *ibid.*, 55°05'45"N, 159°59'42"E, 270 m a. s. l., spruce forest with poplar and *Equisetum* sp., on bark of *Alnus hirsuta*, 10 VIII 2009, *Himelbrant, Stepanchikova*, LECB 12-052 (sub *Rinodina efflorescens* Malme); *ibid.*, 55°08'11"N, 159°58'53"E, 320 m a. s. l., larch forest with spruce and birch, on bark of *Sorbus sambucifolia* (Cham. et Schltdl.) M. Roem., 3 VIII 2009, *Himelbrant, Stepanchikova*, LECB 12-024; *ibid.*, 55°06'32"N, 160°00'46"E, 290 m a. s. l., moss spruce forest, on bark of *Betula platyphylla*, 16 VI 2009, *Himelbrant, Stepanchikova*, LECB 12-002; *ibid.*, SW part of Askhachny Ridge, S slope, 55°08'29"N, 159°58'17"E, 340 m a. s. l., green-moss spruce forest, on bark of *Sorbus sambucifolia*, 12 VIII 2009, *Himelbrant, Stepanchikova*, LECB 12-007; Ust'-Kamchatsky District, Kamchatka River basin, SWW slope of Shiveluch Volcano, ca. 31 km NE of Kluchi, right bank of dry river Baydarnaya, 56°33'60"N, 161°12'19"E, 721 m a. s. l., stone birch forest with alder, on bark of *Betula ermanii*, 24 VIII 2002, *Himelbrant, Kuznetsova*, LECB 12-033.