

Lichenotheca Graecensis, Fasc. 16 (Nos 301–320)

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OBERMAYER W. 2007: Lichenotheca Graecensis, Fasc. 16 (Nos 301–320). - Fritschiana (Graz) 60: 1–6. - ISSN 1024-0306.

Abstract: Fascicle 16 of Lichenotheca Graecensis comprises 20 collections of lichens from the following countries (and administrative subdivisions): Austria (Carinthia; Salzburg; Styria; Upper Austria), Germany (Baden-Württemberg), Italy (Trentino–Alto-Adige), Portugal (Madeira), Russia (Buryatia Republic), and U.S.A. (Alaska). TLC-analyses were carried out for *Cetrelia cetrarioides* s.str., *Lepraria caesioalba* (chemotype Ia), *Pleopsidium flavum*, and *Rinodina turfacea*.

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The exsiccata 'Lichenotheca Graecensis' is distributed on exchange basis to the following 20 herbaria and private collections (herbarium abbreviations follow <http://sciweb.nybg.org/science2/IndexHerbariorum.asp>): ASU, B, C, CANB, CANL, E, G, GZU, H, HAL, HMAS, LE, M, MAF, MIN, O, TNS, UPS, Dr. Klaus Kalb, Dr. Antonin Vězda. Abbreviations of authors of plant names are taken from http://asaweb.huh.harvard.edu:8080/databases/botanist_index.html. Names of countries and states (or provinces or principal subdivisions) are based upon a list from <http://www.ars-grin.gov/cgi-bin/npgs/html/geolist.pl>. A text version (including corrections) of Lichenotheca Graecensis can be found under <http://www.uni-graz.at/walter.obermayer/li-grz1.htm>. The original PDF-file is currently available under <http://www.uni-graz.at/walter.obermayer/lichenotheca-graecensis-16.pdf>. Label texts originally drafted in a local language have been translated into English by the author. Unless otherwise stated, additional notes were provided by the author.

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301. *Arthonia leucopellaea* (Ach.) Almq.

AUSTRIA, Oberösterreich (= Upper Austria), Dachstein-Gebiet, 2.8 km SW of Hallstatt, Echerntal, westernmost part of the valley, 47°32'55"N, 013°37'07"E, MTB 8447/4, 625 m alt., on *Picea abies*.

18.V.2007

leg. & det. R. Türk (41768)

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302. *Candelariella vitellina* (Hoffm.) Müll.Arg.

ITALIA, Trentino–Alto-Adige, Dolomite Alps, Val di Fassa, Pera, 46°26'30"N, 011°42'00"E, 1330 m alt., left bank of the river Avisio, on *Salix spec.*

29.III.1980

leg. & det. J. Hafellner (41513)

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303. *Cetrelia cetrarioides* (Delise ex Duby) W.L.Culb. & C.F.Culb. s.str.

PORTUGAL, Madeira, Poiso, below the street shortly S of Casa do Poiso, 32°42'30"N, 016°53'W, 1400 m alt., mixed forest, on *Quercus*.

Note: TLC: Atranorin (minor in soralia, traces in cortex), perlatolic acid syndrome [no imbricatic acid]. All specimens have been tested. Specimen in GZU intermixed with *Pseudocyphellaria crocata*.

18.II.1990

leg. & det. J. Hafellner (41617) & A. Hafellner

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304. *Cladonia cenotea* (Ach.) Schaer.

AUSTRIA, Steiermark (= Styria), Steirisches Randgebirge, Stubalpe, 9.6 km E of Obdach, E-facing slopes of Ameringkogel, 3.7 km W of Hirscheegger Sattel, SE of the hut Steinmoarhütte, 47°04'10"N, 014°49'25"E, MTB 8954/2, 1620 m alt., forest area with *Picea abies* and *Larix decidua*, on decayed stump.

10.VII.2006

leg. & det. J. Hafellner (66410)

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305. Dermatocarpon cf. rivulorum (Arnold) Dalla Torre & Sarnth.

UNITED STATES OF AMERICA, Alaska, Brooks Range, Atigun Pass, Mile 247 Dalton Highway, 68°07'42"N, 149°28'W, 1463 m alt., pebble/stone field under a snow bank, in wet situation (between small streams), on small stones (abundant).

Note: Part of the material has already been issued in *Lichenotheca Graecensis* no 195 (for further notes regarding homogeneity of the material see there).

31.VII.2001

leg. M. Zhurbenko (01188a-2), det. W. Obermayer

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306. Hyperphyscia adglutinata (Flörke) H.Mayrhofer & Poelt

GERMANY, Baden-Württemberg, 9 km S of Wertheim, Taubertal, Bronnbach, 49°42'57"N, 009°32'42"E, 150 m alt., along a main road, on *Acer pseudoplatanus*.

Note: Richly fruiting material.

15.IV.2004

leg. & det. R. Türk (34584)

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307. Lecanora pulicaris (Pers.) Ach.

AUSTRIA, Steiermark (= Styria), Steirisches Randgebirge, Grazer Bergland, 11 km NE of Frohnleiten, wooded ridge area at the NE extension of the mountain Rote Wand S of Tyrnauer Alm, along an ancient farm track right S below the chalet 'Tyrnauer Almhütte', 47°20'20"N, 015°25'40"E, MTB 8658/4, 1260 m alt., conifer-rich mixed forest (with clearings), on low hanging twigs of *Larix decidua*.

30.X.2005

leg. & det. J. Hafellner (64688)

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308. Lecanora varia (Hoffm.) Ach.

AUSTRIA, Steiermark (= Styria), Steirisches Randgebirge, Stubalpe, 7.9 km ESE of Obdach, Ameringkogel massif, S-facing slopes and ridges of Weißenstein, 0.6 km E of the lodge Weißensteinhütte, N of Melcheben, 47°03'35"N, 014°48'05"E, MTB 8954/2, 1900 m alt., pasture fence immediately above the timber line, on wooden fence bars.

3.IX.2005

leg. & det. J. Hafellner (65157)

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309. *Lepraria caesioalba* (de Lesd.) J.R.Laundon
[chemotype Ia]

AUSTRIA, Steiermark (= Styria), Zentralalpen, Steirisches Randgebirge, Stubalpe E of St.Leonhard, NW of Packsattel, 1 km W of the hut 'Bernsteinhütte', conspicuous group of rocks at the timber line, SE below the ridge with the height notation 1696, 46°59'50"N, 014°54'20"E, MTB 9055/1, 1630 m alt., big boulders of mica slate, on bryophytes.

Note: TLC: Atranorin, fumarprotocetraric acid syndrome, angardianic acid [traces of lecanoric acid come from *Diploschistes* cf. *muscorum*]. All specimens have been examined at least twice. The thalli are partly infected with *Diploschistes* cf. *muscorum* (TLC: lecanoric acid, diploschistesic acid, rangiformic acid), which causes a paler (almost white) colour and finally a disappearance of the soredia. *Lepraria alpina* is rarely intermixed (the thallus in GZU contains atranorin, porphyritic acid, and rangiformic acid; three other samples were found with angardianic acid instead of rangiformic acid).

10.VIII.2005

leg. J. Hafellner (41634)
det. W. Obermayer

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310. *Melanohalea exasperatula* (Nyl.) O.Blanco & al.

AUSTRIA, Steiermark (= Styria), Oststeirisches Riedelland, 8.2 km E of the centre of Graz, Kainbach area, 'Auf der Ries', near Pfabenpeter, 47°06'05"N, 15°32'15"E, MTB 8859/3, 560 m alt., orchard at a forest edge, on twigs of *Pyrus communis*.

26.III.2005

leg. & det. W. Obermayer (10663)

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311. *Melanohalea septentrionalis* (Lyngé) O.Blanco & al.

AUSTRIA, Salzburg, Niedere Tauern, Schladminger Tauern, 25 km NW of Murau, 12 km W of Krakaudorf, Prebersee, 47°11'05"N, 13°51'30"E, MTB 8849/1, 1515 m alt., southeastern area of the lakeshore, on small twigs of *Betula pubescens*.

24.VIII.1993

leg. & det. W. Obermayer (11345)

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312. *Parmeliella triptophylla* (Ach.) Müll.Arg.

AUSTRIA, Salzburg, Tennengau, Golling, Bluntautal, path to Joch-Alm, 47°34'06"N, 013°06'41"E, MTB 8444/3, 550 m alt., on *Fagus sylvatica*.

Note: Partly associated with *Normandina pulchella*.

4.V.2007

leg. & det. R. Türk (41746)

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313. *Pleopsidium cf. flavum* (Bellardi) Körb.

RUSSIA, Southern Siberia, Buryatia Republic (near border to Mongolia), Dzhida district, Dzhida Range, SE of Petropavlovka town, 50°34'04.2"N, 105°26'35.8"E, 660–670 m alt., steppe, S-exposed slope, on rock.

Note: TLC: Rhizocarpic acid (maj.), unknown yellow pigment (min.), two fatty acids.
26.VIII.2007 leg. & G. Urbanavichus (s.n.)
det. W. Obermayer

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314. *Protoblastenia szaferi* J.Nowak

AUSTRIA, Steiermark (= Styria), Nördliche Kalkalpen, Ennstaler Alpen, Lugauer, SW of Hieflau, near the cross of the western summit, 47°33'12"N, 014°43'20"E, MTB 8454/1, 2210 m alt., fragments of Caricetum firmae and calcareous cliffs, on NW-exposed steep faces of low cliffs.

3.VII.2005 leg. & det. J. Hafellner (65408)

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315. *Pseudosagedia aenea* (Wallr.) Hafellner & Kalb

AUSTRIA, Steiermark (= Styria), Grazer Bergland (eastern part), 5.6 km NNE of the centre of Graz, 1.3 km NW of Wenisbuch, middle part of the valley Dürngraben, 47°07'25"N, 015°27'45"E, MTB 8858/4, 500 m alt., forest area on steep N-facing slopes along a gorge, on bark of horizontal stem of *Carpinus betulus*.

13.IV.2006 leg. & det. W. Obermayer (11097)

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316. *Pyrrhospora elabens* (Fr.) Hafellner

AUSTRIA, Salzburg, Lungau, Niedere Tauern, Schladminger Tauern, W of the mountain Preber, path from Preberhalterhütte to Mühlbachtörl, 47°12'08"N, 013°51'16"E, MTB 8749/3, 1940 m alt., on dead wood of *Pinus cembra*.

5.VII.2006 leg. & det. R. Türk (39749)

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317. *Rinodina turfacea* (Wahlenb.) Körb.

AUSTRIA, Kärnten (= Carinthia), Hohe Tauern, Ankogelgruppe, slopes E of the lodge 'Hannover Haus' towards Grauleitenspitze, 14°02'45"N, 013°13'30"E, MTB 8945/3, 2700–2850 m alt., on alpine soil and earthy crevices.

Note: TLC: Sphaerophorin (maj.), variolaric acid (min./tr.).

29.VII.1989

leg. R. Türk & J. Hafellner (41510), det. H. Mayrhofer

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318. *Umbilicaria decussata* (Vill.) Zahlbr.

AUSTRIA, Steiermark (= Styria), Steirisches Randgebirge, Stupalpe, Größenberg S of Zeltweg, N-ridge towards Eppenstein, NW below Wetterkopf, 47°05'45"N, 014°47'05"E, MTB 8954/2, 1780 m alt., big gneissic boulders at the edge of a pasture, on steep faces of a big boulder.

15.VIII.2006

leg. & det. J. Hafellner (66474)

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319. *Umbilicaria vellea* (L.) Hoffm.

AUSTRIA, Steiermark (= Styria), Zentralalpen, Steirisches Randgebirge, Gleinalpe, Roßbeck SE of Niklasdorf, uppermost SE-facing slopes at the edge of the summit, 47°21'30"N, 015°12'25"E, MTB 8657/1, 1660 m alt., S-exposed gneissic boulders, on stepped overhanging faces.

31.XII.2006

leg. & det. J. Hafellner (67531)

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320. *Xanthoria* cf. *candelaria* (L.) Th.Fr.

AUSTRIA, Steiermark (= Styria), Dachsteingruppe, 4.4 km NNW of Schladming, Ramsau, 0.5 km N of the church of Ramsau-Ort, 47°25'40"N, 013°39'00"E, MTB 8547/4, 1180 m alt., roadside trees in open meadows, on bark of *Acer pseudoplatanus* (E-exposed sides, 0.2–1.5 m height).

19.II.2007

leg. & det. W. Obermayer (11337)

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