

Lichenotheca Graecensis, Fasc. 9 (Nos 161 - 180)

Walter OBERMAYER*

OBERMAYER W. 2001: Lichenotheca Graecensis, Fasc. 9 (Nos 161 - 180). – Fritschiana 25: 1 - 6. – ISSN 1024-0306.

Abstract: Lichenotheca Graecensis (Fascicle 9) comprises 20 lichen collections (including one lichenicolous fungus) from the following countries (and administrative subdivisions): Austria (Salzburg; Styria; Upper Austria), Brazil (Parana State), China (Tibet, Prov. Xizang; Prov. Sichuan), Russia (Komi Republic; Krasnoyarsk Territory), and Spain (Canary Islands). TLC-data are presented for *Lethariella cladonioides* and *Usnea longissima*. *Allocetraria globulans* and *Usnea longissima* are issued as a part of the results of the 'Sino-Austrian Joint Expedition to the SE-Tibetan Fringe Mountains (=Hengduan Shan), Sichuan Province, China (July/August 2000)' and the 'Sino-German Joint Expedition to Southeastern and Eastern Tibet 1994' respectively.

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The exsiccata series Lichenotheca Graecensis is distributed on a basis of exchange to the following 20 herbaria and private collections (herbarium abbreviations follow <http://www.nybg.org/bsci/ih/searchih.html>): ASU, B, C, CANB, CANL, E, ESS, G, GZU, H, HMAS, LE, M, MAF, MIN, O, TNS, UPS, Dr. K. Kalb, Dr. A. Vězda. Abbreviations of authors of plant names are taken from <http://djangoharvard.edu/huh/author.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 of Lichenotheca Graecensis is kept under <http://www-ang.kfunigraz.ac.at/~oberma/li-grz1.htm>.

I am much indebted to the following collectors who have made their collections available: Bernhard DICKORÉ, Josef HAFELLNER (who also kindly determined one lichenicolous fungus), Hector S. OSORIO, and Mikhail ZHURBENKO.

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161. *Acarospora putoranica* N.S.GOLUBK. & ZHURB.

RUSSIA, Krasnoyarsk Territory (north of Central Siberia), center of Taimyr Peninsula, Byrranga Mts, 8 km N of the northern extremity of Levinson-Lessing Lake, at confluence of Krasnaya and Zamknutaya Rivers, 74°36'N/98°35'E, 200 - 250 m alt., mesic rocks on S-exposed mountain slope, on rock and soil in rock crevices (locally rather abundant).

Note: All specimens with apothecia.

24.VIII.1995

leg. & det. M. ZHURBENKO (95167)

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162. *Acroscyphus sphaerophoroides* LÉV.

CHINA, Tibet, prov. Xizang, Tibetan Himalaya, Everest E, Kama Chu, W of Sakyatang (Camp Ev3-4), 27°58'N / 87°13'E, 4290 m alt., subalpine tree-line (Juniperus-Rhododendron forest), SE facing gneiss slope, on Juniperus spec. (uppermost trees).

24.X.1989

leg. B. DICKORÉ (K-80-1), det. W. OBERMAYER

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163. *Alectoria nigricans* (ACH.) NYL.

AUSTRIA, Steiermark (=Styria), Steirisches Randgebirge, Gleinalpe, 9.5 km NW of Kainach bei Voitsberg, ridge of the Terenbachalm above the Terenbachhütte, 47°11'05"N/14°59'25"E, MTB 8855/2, 1690 m alt., amphibolitic boulders in a dwarf shrub heath, on soil.

3.VI.2000

leg. & det. J. HAFELLNER (51292)

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164. *Alectoria ochroleuca* (HOFFM.) A.MASSAL.

AUSTRIA, Steiermark (=Styria), Steirisches Randgebirge, Gleinalpe, 9.5 km NW of Kainach bei Voitsberg, ridge of the Terenbachalm above the Terenbachhütte, 47°11'05"N/14°59'25"E, MTB 8855/2, 1690 m alt., boulders of garnet-mica-slate in a dwarf shrub heath, on soil.

3.VI.2000

leg. & det. J. HAFELLNER (51291)

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165. Allocetraria globulans (NYL.) THELL & RANDLANE

CHINA, Tibet, prov. Sichuan, Tibetan fringe mountains (=Hengduan Shan), Shaluli Shan, 60 km NE of Batang, 30°19'36"N / 99°34'08"E, 4760 m alt., boulder field (siliceous rocks) with *Potentilla* shrubs, on *Potentilla* spec..

3.VIII.2000 leg. & det. W. OBERMAYER (08137)

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166. Arthonia cinnabarina (DC.) WALLR.

AUSTRIA, Oberösterreich (=Upper Austria), National-Park "Kalkalpen", Reichraminger Hintergebirge, 11.5 km S of Reichraming, between Große Klause and Annerlstieg, orographically right side of the Großer Bach, 47°46'55"N / 14°29'00"E, MTB 8252/2, 500 m alt., ravine forest, close to the rivulet, on bark of *Corylus avellana*.

14.X.2000 leg. & det. J. HAFELLNER (41300)

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167. Asahinea scholanderi (LLANO) C.F.CULB. & W.L.CULB.

RUSSIA, Krasnoyarsk Territory (north of Central Siberia), center of Taimyr Peninsula, Byrranga Mts, near northern extremity of Levinson-Lessing Lake, 74°31'N/98°33'E, 300 m alt., boulder field on E slope of mountain '451.9', on boulders (rather common).

30.VIII.1995 leg. & det. M. ZHURBENKO (95154)

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168. Caloplaca jungermanniae (VAHL) TH.FR.

RUSSIA, Komi Republic, Northern Ural area, Pechora-Ilych state reserve, upper stream of Pechora River, 125 km SE of Troitsko-Pechorsk, in the vicinities of Sobinskaya village, 61°59'N/58°02'E, 160 m alt., stone field in open *Pinus* forest, on thallus of *Cladonia* spec. (partly also on moribund mosses and soil).

17.VII.1997 leg. & det. M. ZHURBENKO (97156)

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169. Chaenotheca stemonea (ACH.) MÜLL.ARG.

AUSTRIA, Steiermark (=Styria), Oststeirisches Hügelland, SE of Graz, vicinity of Hausmannstätten, S below the castle Pfeilerhof, glen of the Etschbach, 46°58'45"N / 15°31'10"E, MTB 9059/1, 350 m alt., mixed forest, on bark of *Picea abies*.

1.I.2000 leg. & det. J. HAFELLNER (50552)

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170. Coccocarpia erythroxyli (SPRENG.) SWINSCOW & KROG

SPAIN, Islas Canarias, El Hierro, La Dehesa, SE above the Montaña de los Charcos, S of the Montaña Escobar, 27°44'30"N/18°09'20"W, 400 m alt., W-exposed slope with *Kleinio-Euphorbietum* (with scattered *Juniperus phoenicea*), on bark of *Juniperus phoenicea* trunks.

11.II.1995 leg. & det. J. HAFELLNER (48279)

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171. Collema auriforme (WITH.) COPPINS & J.R.LAUNDON

AUSTRIA, Steiermark (=Styria), Steirisches Randgebirge, Gleinalpe, 4.5 km NW of Rothleiten, Gamsgraben, near the confluence of the Lehmbachgraben, 47°18'05"N / 15°15'05"E, MTB 8657/4, 650 m alt., ravine forest, gneissic rocks near the brook, on inclined mossy faces of outcrops.

3.XII. 2000 leg. & det. J. HAFELLNER (53819)

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172. Lecanora allophana NYL.

AUSTRIA, Steiermark (=Styria), Niedere Tauern, Wölzer Tauern, N above Oberwölz, SE-facing slopes of the Gastrumerofen, 47°12'30"N/14°16'45"E, MTB 8751/4, 920 m alt., tree row along a fence (between a hay meadow and the edge of a wood), on bark of *Fraxinus excelsior*.

12.XI.2000 leg. & det. J. HAFELLNER (53249)

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173. *Lecanora argopholis* (ACH.) ACH.

AUSTRIA, Salzburg, Hohe Tauern, Glockner-Gruppe, N-facing slopes of the Kitzsteinhorn, 0.5 km W of the Bundessportheim, 47°12'30"N/12°41', MTB 8742/3, 2450 m alt., alpine heath (over Ca-rich green-schist), on inclined faces of green-schist rocks.

27.VIII.1996

leg. & det. J. HAFELLNER (47340)

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174. *Lecanora geophila* (TH.FR.) POELT

RUSSIA, Krasnoyarsk Territory (north of Central Siberia), center of Taimyr Peninsula, Byrranga Mts, southern extremity of Levinson-Lessing Lake, 74°24'N/98°49'E, 80 - 160 m alt., moribund mosses among rocks and big boulders, on soil.

Note: All specimens with apothecia.

30.VII.1995

leg. & det. M. ZHURBENKO (95175)

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175. *Lethariella cladonioides* (NYL.) KROG

CHINA, Tibet, prov. Xizang, Tibetan Himalaya, Everest E, Kama Chu, W of Sakyatang (Camp Ev3-4), 27°58'N / 87°13'E, 4290 m alt., subalpine tree-line (Juniperus-Rhododendron forest), SE facing gneiss slope, on Juniperus spec. (uppermost trees).

Note: TLC (Obm118/5-->16; 119/2-->10): atranorin, canarione, psoromic acid, 2'-O-demethyl-psoromic acid.

24.X.1989

leg. B. DICKORÉ (K-80-2a), det. W. OBERMAYER

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176. *Pseudocyphellaria clathrata* (DE NOT.) MALME

BRASIL, Parana State, Puerto Mendez, 24°30'S/54°20'W, near a brook, on trunk and branches of trees.

25.IV.1956

leg. J.E. MONTES (10131a) ex herb. Osorio 4740, det. OSORIO, 1971

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177. *Rhagadostoma lichenicola* (DE NOT.) KEISSL. (lichenicolous fungus on thalli of *Solorina crocea*)

AUSTRIA, Steiermark (=Styria), Seetaler Alpen, 10.2 km WNW of Obdach, path from Großer Winterleitensee to Scharfes Eck, 0.6 km NE of Scharfes Eck, 47°04'35"N/14°33'53"E, MTB 8953/1, 2120 m alt., boulder-field, on sandy soil.

11.VI.2000

leg. W. OBERMAYER (07938), det. J. HAFELLNER (2000)

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178. *Teloschistes contortuplicatus* (ACH.) CLAUZADE & RONDON

RUSSIA, Krasnoyarsk Territory (north of Central Siberia), center of Taimyr Peninsula, Byrranga Mts, Levinson-Lessing Lake, 74°29'N / 98°39'E, 200-250 m alt., limestone outcrops by the eastern bank of the lake, on Ca-rocks, also on soil and moribund mosses.

Note: Thalli partly with apothecia.

9.VIII.1995

leg. & det. M. ZHURBENKO (95162a)

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179. *Toninia toepfferi* (STEIN) NAVAS

SPAIN, Islas Canarias, El Hierro, Punta de Tigirote, NE below of the village San Andrés, 27°47'10"N / 17°55'40"W, 840 m alt., striking rocky rib (surrounded by pastureland), on naked soil (horizontal surface).

Note: Associated species on some specimens: *Fulgensia canariensis*, *Psora decipiens*, *Trapeliopsis wallrothii*.

10.II.1995

leg. & det. J. HAFELLNER (48324)

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180. *Usnea longissima* ACH.

CHINA, Tibet, prov. Xizang, Nyanqëntanglha Shan, 360 km E of Lhasa near the bend of the river Tsangpo, N-side of Gyala Peri, 9 km S of Dongjug village, 29°54-55'N/94°52-53'E, 3200 - 3500 m alt., Rhododendron-Abies forest, on Abies (dead).

Note: Three different chemostrains (all with usnic acid) can be intermixed: a) with evernic acid, b) with diffractaic acid, c) with barbatic acid. - Salazinic acid, one fatty acid (2-3/5/4-5) and other unknowns occasionally occur.

20.VIII.1994

leg. & det. W. OBERMAYER (07886)