

Mycotheca Graecensis, Fasc. 23 (Nos 441–460)

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Mycotheca Graecensis is the successor of the mycological part of Plantae Graecenses. It is distributed to 20 institutions world-wide (AD, B, BPI, DAOM, E, GZU, H, HAL, HMAS, K, KRAM, L, LE, M, NY, PDD, S, SOMF, TNS, W).

The most remarkable collections in Fasc. 23 are *Erysiphe bivonae*, *Melampsorium hiratsukanum*, *Puccinia dioicae* s.lat. (on *Carex secalina*), *P. lagenophorae* (on *Senecio inaequidens*), *P. vincae*, and *Septoria lycopersici*.

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The present fascicle of Mycotheca Graecensis contains twenty collections of fungi of various taxonomic groups, predominantly parasitic higher fungi. Except for the collection of *Ustilago cynodontis* from Italy (Calabria), all material was collected in Austria (Styria, Vienna, Lower Austria, Burgenland). The most remarkable collections in Fasc. 23 are pointed out in the abstract (see above).

The grid references (grid ref.) given for Styria refer to the grid used by the project "Floristic Mapping of Middle Europe" (e.g., EHRENDORFER & HAMANN 1965).

Mycotheca Graecensis is currently distributed to 20 institutions world-wide (official abbreviations for public herbaria according to HOLMGREN & al. 1990, currently online under <http://sweetgum.nybg.org/ih/>):

AD (Adelaide, Australia)
B (Berlin, Germany)
BPI (Beltsville Md, U.S.A.)
DAOM (Ottawa, Canada)
E (Edinburgh, Scotland, U.K.)
GZU (Graz, Austria)
H (Helsinki, Finland)
HAL (Halle/Saale, Germany)
HMAS (Beijing, China)
K (Kew, England, U.K.)

KRAM (Kraków, Poland)
L (Leiden, The Netherlands)
LE (St. Petersburg, Russia)
M (Munich, Germany)
NY (New York, U.S.A.)
PDD (Auckland, New Zealand)
S (Stockholm, Sweden)
SOMF (Sofia, Bulgaria)
TNS (Tsukuba, Japan)
W (Wien, Austria)

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References

EHRENDORFER F. & HAMANN U. 1965. Vorschläge zu einer floristischen Kartierung von Mitteleuropa. - *Berichte der deutschen botanischen Gesellschaft* 78(1): 35–50.

HOLMGREN P.K., HOLMGREN N.H. & BARNETT L.C. 1990. Index Herbariorum. Part I: The Herbaria of the World. - *Regnum Vegetabile* 120, X+693 pp. New York Botanical Garden.

The schedae are also published in the www on the Fritschiana website:
<http://www.uni-graz.at/botwww/journals/fritschiana/fritschiana.html>

Fasc. 23

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Ustilaginales s.l.

441. *Anthracoidea arenariae* (Syd.) Nannf.

on *Carex brizoides* L., in ovaries

AUSTRIA, Styria, Koralpe, 11.4 km WNW of Stainz, 1.5 km WSW of the inn "Gasthof Klugveitl", NE below the summit of the Reinischkogel, 1420 m alt., 46°55'40"N, 15°07'10"E, grid ref. 9056/4; open meadow beneath the pasture area.

1 August 2009

leg. & det. P. Zwetko

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Uredinales

442. *Coleosporium melampyri* (Rebent.) P.Karst.

II, III on *Melampyrum sylvaticum* L.

AUSTRIA, Styria, Müzzsteger Alpen, 4 km SSE of Mariazell, Mooshuben, along the hiking path on the mountain "Sauwand", 1200 m alt., 47°44'27"N, 15°20'18"E, grid ref. 8258/3; open limestone ridge with shallow soil.

17 August 2008

leg. C. Scheuer & W. Hollerer
det. C. Scheuer

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Coelomycetes

443. *Didymosporina aceris* (Lib.) Höhn.

Syn.: *Phloeospora aceris* (Lib.) Sacc.
on *Acer campestre* L., in necrotic leaf spots

AUSTRIA, Styria, Graz, district Innere Stadt, steep W-exposed slopes of the Schlossberg, along the path "Felsensteig", c. 430 m alt., 47°04'35"N, 15°26'10"E, grid ref. 8958/2; park trees.

27 August 2008

leg. & det. C. Scheuer

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Ustilaginales s.l.

444. *Entyloma gaillardianum* Vánky

on *Gaillardia aristata* Pursh (cult.), in leaf spots

AUSTRIA, Styria, Graz, district Geidorf, Botanical Garden of the University, 380 m alt., 47°04'56"N, 15°27'24"E, grid ref. 8958/2; ornamental flower bed.

2 September 2008

leg. M. Hiden
det. C. Scheuer

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Ascomycetes (Erysiphales)

445. *Erysiphe bivonae* U.Braun & Minnis

Syn.: *Erysiphe clandestina* Biv., *Uncinula clandestina* (Biv.) J.Schröt.
[non *Erysiphe clandestina* (Wallr.: Fr.) Link]
on suckers of *Ulmus* sp. (cult.)

AUSTRIA, Styria, Graz, district Geidorf, Hilmteichstraße, 380 m alt., 47°04'47"N, 15°27'47"E, grid ref. 8958/2; roadside.

20 October 2008

leg. C. Scheuer
det. U. Braun (Halle/S., 2008)

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Oomycetes

446. *Hyaloperonospora parasitica* (Pers.) Constant.

Syn.: *Peronospora parasitica* (Pers.) Fr.
on *Capsella bursa-pastoris* L., deformed inflorescences and stems,
in some specimens together with *Albugo candida* (Pers.) Roussel

AUSTRIA, Styria, Graz, district Geidorf, Botanical Garden of the University, 380 m alt., 47°04'59"N, 15°27'25"E, grid ref. 8958/2; dense stand of the host plant on fallow ground.

8 May 2007

leg. & det. C. Scheuer

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Uredinales

447. *Melampsoridium hiratsukanum* S.Ito ex Hirats.f.

II, III on leaves of *Alnus incana* (L.) Moench

AUSTRIA, Styria, Türrnitzer Alpen, E of Mariazell, Halltal, near the mouth of the stream Walster, 785 m alt., 47°46'04"N, 15°20'43"E, grid ref. 8258/1; shrubs and small trees on the bank slope.

18 August 2008

leg. & det. C. Scheuer

Annot.: For a recent detailed study on the European records see HANTULA & al. (2009, Mycologia 101(5): 622–631). Records from Austria were compiled by RIEGLER-HAGER & al. (2003, Wulfenia 10: 135–143).

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Oomycetes

448. *Pseudoperonospora cubensis* (Berk. & M.A.Curtis) Rostovzev

on *Cucurbita pepo* L. (cult.)

AUSTRIA, Styria, Graz, district Geidorf, Botanical Garden of the University, 380 m alt., 47°04'59"N, 15°27'25"E, grid ref. 8958/2; vegetable bed.

6 October 2009

leg. & det. C. Scheuer

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Uredinales

449. **Puccinia coaetanea** Bubák

(0, I), II, III on *Galium glaucum* L.

AUSTRIA, Lower Austria, Weinviertel, NNW of Gänserndorf, N of the railway station Groß-Schweinbarth, [180 m alt., 48°25'N, 16°38'E]; dry grassland.

27 May 2006

leg. T. Barta
det. C. Scheuer

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Uredinales

450. **Puccinia convolvuli** Castagne

II, III on *Calystegia sepium* (L.) R.Br.

AUSTRIA, Styria, Graz, district Waltendorf, Macherstraße, 405 m alt., 47°04'30"N, 15°29'19"E, grid ref. 8958/2; garden hedge.

19 September 2008

leg. & det. C. Scheuer

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Uredinales

451. **Puccinia dioicae** Magnus s.lat.

(II), III on *Carex secalina* Wahlenb.

AUSTRIA, Burgenland, Seewinkel, eastern front of the Neusiedler See, between Podersdorf am See and the area named "Hölle", [116 m alt., 47°50'N, 16°48'E]; moist grassy patches on the lakeshore.

21 October 2007

leg. T. Barta
det. P. Zwetko

Annot.: Apparently no rust fungi have been recorded on this host at all until now. Unfortunately the present material contains hardly any urediniospores. The morphology of telia and teliospores, however, points towards *Puccinia dioicae* s.lat.

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Uredinales

452. *Puccinia helianthi* Schweinitz

(II), III on *Helianthus annuus* L. (cult.)

AUSTRIA, Styria, Graz, district Gries, Florianigasse, 350 m alt., 47°03'30"N, 15°25'21"E, grid ref. 8958/2; in a garden.

5 October 2009

leg. H. Teppner
det. C. Scheuer

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Uredinales

453. *Puccinia lagenophorae* Cooke

I, III on *Senecio inaequidens* DC.

in some specimens together with *Coleosporium senecionis* (Pers.) Fr. (II, III)

AUSTRIA, Vienna, XXIII. (Liesing), near the railway stop Blumental, [185 m alt., 48°08'10"N, 16°22'02"E]; on waste land and along a side track.

16 November 2008

leg. T. Barta
det. C. Scheuer

Annot.: For recent publications about this species and its hosts see, e.g., SCHOLLER (2009, *Zeitschrift für Mykologie* 75(2): 159–162).

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Uredinales

454. *Puccinia vincae* Berk.

II, III on *Vinca major* L. (cult.)

AUSTRIA, Vienna, XI. (Simmering), cemetery "Zentralfriedhof", on a grave ENE of the building Halle 3, [170 m alt., 48°08'N, 16°26'E].

7 February 2009

leg. T. Barta
det. C. Scheuer

Annot.: This species was not listed by POELT & ZWETKO (1997, *Die Rostpilze Österreichs*. Biosystematics and Ecology Series 12: 211) and ZWETKO (2000, *Die Rostpilze Österreichs, Supplement*. Biosystematics and Ecology Series 16).

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Hyphomycetes

455. *Ramularia gei* (A.G.Eliasson) Lindr.

on *Geum urbanum* L., in necrotic leaf spots

AUSTRIA, Styria, Graz, district Geidorf, Botanical Garden of the University, 380 m alt., 47°04'57"N, 15°27'23"E, grid ref. 8958/2; shady ruderal patch.

23 October 2008

leg. & det. C. Scheuer
conf. U. Braun (Halle/S., 2008)

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Hyphomycetes

456. *Ramularia inaequalis* (Preuss) U.Braun

on *Hieracium racemosum* Waldst. & Kit. ex Willd., in necrotic leaf spots

AUSTRIA, Styria, Graz, district Gries, Florianigasse, 350 m alt., 47°03'30"N, 15°25'21"E, grid ref. 8958/2; in a garden hedge.

28 June 2009

leg. H. Teppner
det. U. Braun (Halle/S., 2009)

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Hyphomycetes

457. *Ramularia urticae* Ces.

on *Urtica dioica* L., in leaf spots

AUSTRIA, Styria, Graz, district Waltendorf, road to the observatory Lustbühel, 470 m alt., 47°04'01"N, 15°29'34"E, grid ref. 8958/2; *Rubus* thicket along the roadside.

22 October 2008

leg. & det. C. Scheuer
conf. U. Braun (Halle/S., 2008)

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Coelomycetes

458. *Septoria lycopersici* Speg.

on *Lycopersicon esculentum* Mill., in small necrotic leaf spots but also on dead leaves

AUSTRIA, Styria, Graz, district Gries, Florianigasse, 350 m alt., 47°03'30"N, 15°25'21"E, grid ref. 8958/2; in a garden.

9 September 2009

leg. H. Teppner
det. C. Scheuer

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Uredinales

459. *Uromyces appendiculatus* (Pers.) Unger

(II), III on *Phaseolus coccineus* L. (cv. Käferbohne "Schwarzer Otter")

AUSTRIA, Styria, Graz, district Geidorf, Botanical Garden of the University, country garden section, 380 m alt., 47°04'58"N, 15°27'27"E, grid ref. 8958/2.

20 September 2008

leg. & det. C. Scheuer

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Ustilaginales

460. *Ustilago cynodontis* (Henn.) Henn.

on *Cynodon dactylon* (L.) Pers. (det. K. Vánky), in destroyed inflorescences

ITALY, Calabria, Province of Cosenza, c. 25 road km N of Paola, Marina di Cetraro
[39°30'N, 15°56'E]; sandy shore and ruderal patches.

25 May 1988

leg. J. Poelt, A. Nogrsek & E. Schreiner
det. K. Vánky (Tübingen, 2009)

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Digitale Literatur/Digital Literature

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