

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

Christian SCHEUER\*

SCHEUER C. 2010: Mycotheca Graecensis, Fasc. 23 (Nos 441–460). - Fritschiana (Graz) 66: 1–9. - ISSN 1024-0306.

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

- SCHEUER C. 2010: Mycotheca Graecensis, Fasc. 23 (Nos 441–460). - *Fritschiana* 66: 1–9.  
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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, Müzsteger 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. *Melampsorium 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 coetanea* 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)