Mycotheca Graecensis, Fasc. 22 (Nos 421–440)

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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 material for the present fascicle was collected in Styria (Steiermark), Austria. Two collections originate from a recent project of the Botanical Garden, the "country garden", where various vegetables and ornamental plants are grown. The most remarkable collection distributed in Fasc. 22 is *Pseudocercospora sambucigena*. It represents the third record world-wide and the first one in Austria.

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The present fascicle of Mycotheca Graecensis contains twenty collections of fungi of various taxonomic groups, predominantly parasitic higher fungi. The material was collected in Graz and in the area of Mariazell (Styria, Austria). Two collections originate from a recent project in the Botanical Garden of the Karl-Franzens-University, the "country garden", where various vegetables and ornamental plants are grown, including a number of traditional local cultivars. The most remarkable collection distributed in Fasc. 22 is *Pseudocercospora sambucigena*. It represents the third record world-wide and the first one in Austria (see BRAUN & CROUS 2005).

The grid reference preceded by the abbreviation MTB refers 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, 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 (München, Germany)
NY (New York, U.S.A.)
PDD (Auckland, New Zealand)
S (Stockholm, Sweden)
SOMF (Sofia, Bulgaria)
TNS (Tsukuba, Japan)
W (Wien, Austria)

Sincere thanks are due to Uwe Braun (Halle/S.) for several identifications, Waltraud Hollerer (Graz) for her support during the collecting trips around Mariazell, René Michalski (Graz) for his assistance in the "country garden" of our Botanical Garden, and Walter Obermayer (Graz) for the collection of *Ustilago avenae*.

References

BRAUN U. & CROUS P.W. 2005: Additions and corrections to names published in *Cercospora* and *Passalora*. - Mycotaxon 92: 395–416.

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. 22

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Hyphomycetes

421. **Alternaria brassicae** (Berk.) Sacc.

on *Brassica rapa* subsp. *pekinensis* (Lour.) Hanelt ex Mansf., in necrotic leaf spots

AUSTRIA, Styria, Graz, distr. Geidorf, Botanical Garden of the Karl-Franzens-University, 47°04'58"N, 15°27'30"E, 380 m alt., MTB 8958/2; "country garden".

20 September 2008 leg. & det. C. Scheuer (# 5535)
conf. U. Braun (Halle/S.)

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Hyphomycetes

422. **Cercospora beticola** Sacc.

on *Beta vulgaris* subsp. *cicla* (L.) W.D.J. Koch, in necrotic leaf spots

AUSTRIA, Styria, Graz, distr. Geidorf, Botanical Garden of the Karl-Franzens-University, 47°04'58"N, 15°27'30"E, 380 m alt., MTB 8958/2; "country garden".

20 September 2008 leg. & det. C. Scheuer (# 5534)
conf. U. Braun (Halle/S.)

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Ascomycetes

423. **Erysiphe adunca var. regularis** (R.Y.Zheng & G.Q.Chen) U.Braun & S.Takam.

Syn.: *Uncinula adunca* var. *regularis* (R.Y.Zheng & G.Q.Chen) U.Braun
on *Salix caprea* L.

AUSTRIA, Styria, Graz, distr. Waltendorf, close to the observatory "Lustbühel", 47°04'01''N, 15°29'45''E, 465 m alt., MTB 8958/2; shrubs along a forest edge.

21 October 2008 leg. C. Scheuer (# 5506)
det. U. Braun (Halle/S.)

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Ascomycetes

424. **Erysiphe alphitoides** (Griffon & Maubl.) U.Braun & S.Takam.

Syn.: *Microsphaera alphitoides* Griffon & Maubl.
on *Quercus robur* L. (young plants, 10–30 cm high)

AUSTRIA, Styria, Graz, distr. Geidorf, Botanical Garden of the Karl-Franzens-University, 47°04'58''N, 15°27'30''E, MTB 8958/2, *c.* 380 m alt.; Arboretum.

22 October 2008 leg. & det. C. Scheuer (# 5531)

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Ascomycetes

425. **Erysiphe aquilegiae var. ranunculi** (Grev.) R.Y.Zheng & G.Q.Chen

on *Aconitum variegatum* agg.

AUSTRIA, Styria, Türnitzer Alpen, ENE of Mariazell, Halltal, valley of the stream Walster (Rechengraben), 47°47'10''N, 15°21'03''E, 800 m alt., MTB 8258/1; tall herbs along the road.

18 August 2008 leg. & det. C. Scheuer (# 5515)
conf. U. Braun (Halle/S.)

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Ascomycetes

426. **Erysiphe flexuosa** (Peck) U.Braun & S.Takam.

Syn.: *Uncinuliella flexuosa* (Grev.) (Peck) U.Braun
on *Aesculus hippocastanum* L.

AUSTRIA, Styria, Graz, distr. Innere Stadt, south-eastern slopes of the Schlossberg, 47°04'40''N, 15°26'23''E, *c.* 420 m alt., MTB 8958/2; park trees.

27 August 2008 leg. & det. C. Scheuer (# 5504)
conf. U. Braun (Halle/S.)

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Ascomycetes

427. **Melogramma campylosporum** Fr.

Syn.: *Melogramma bulliardii* Tul. & C.Tul.
on dead shoots of *Carpinus betulus* L.

AUSTRIA, Styria, Graz, distr. Mariatrost, on the north-facing hillside below the church, 47°06'29''N, 15°29'32''E, MTB 8858/4, *c.* 440 m alt.; clearing.

5 November 2006 leg. & det. C. Scheuer (# 5321)

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Hyphomycetes

428. **Passalora circumscissa** (Sacc.) U.Braun

Syn.: *Cercospora circumscissa* Sacc., Tel.: *Mycosphaerella cerasella* Aderh.
on *Prunus avium* L., in necrotic leaf spots

AUSTRIA, Styria, Graz, distr. Waltendorf, Pointnergasse, 47°04'28''N, 15°29'19''E, 410 m alt., MTB 8958/2; ornamental tree.

21 September 2008 leg. & det. C. Scheuer (# 5496)
conf. U. Braun (Halle/S.)

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Hyphomycetes

429. **Passalora ferruginea** (Fuckel) U.Braun & Crous

Syn.: *Mycovellosiella ferruginea* (Fuckel) Deighton

on *Artemisia vulgaris* L., in leaf spots (hypophyllous)

AUSTRIA, Styria, Graz, distr. Mariatrost, along the Wenisbucher Straße, 47°06'42''N, 15°29'18''E, 460 m alt., MTB 8858/4; sun-exposed roadside with shrubs.

14 October 2008 leg. & det. C. Scheuer (# 5491)
conf. U. Braun (Halle/S.)

Annot.: These plants were growing side by side with other individuals heavily infected by *Puccinia artemisiella* P.Syd. & Syd. (see No. 434 in this issue), but no plants infected by both fungal parasites could be found in this locality.

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Uredinales

430. **Phragmidium mucronatum** (Pers.) Schltdl.

(II), III on *Rosa* sp.

AUSTRIA, Styria, Graz, distr. Waltendorf, Pointnergasse, 47°04'31''N, 15°29'21''E, 405 m alt., MTB 8958/2; abandoned garden hedge.

21 September, 25 October 2008 leg. & det. C. Scheuer (# 5498)

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Uredinales

431. **Phragmidium rubi-idaei** (DC.) P.Karst.

(II), III on *Rubus idaeus* L.

AUSTRIA, Styria, Graz, distr. Waltendorf, Innere Ragnitz, northern foot of the ridge Ruckerlberg, 47°04'37''N, 15°28'43''E, 380 m alt., MTB 8958/2; shaded forest edge along the path.

5 November 2008 leg. & det. C. Scheuer (# 5553)

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Uredinales

432. **Phragmidium violaceum** (Schultz) G.Winter

III on *Rubus* cf. *bifrons* Vest

AUSTRIA, Styria, Graz, distr. Waltendorf, close to the observatory "Lustbühel", 47°04'03"N, 15°29'38"E, 470 m alt., MTB 8958/2; *Rubus* thicket along the roadside.

22 October 2008 leg. & det. C. Scheuer (# 5509)

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Hyphomycetes

433. **Pseudocercospora sambucigena** U.Braun, Crous & K.Schub.

on *Sambucus nigra* L., in necrotic leaf spots

AUSTRIA, Styria, Graz, distr. Waltendorf, Innere Ragnitz, northern foot of the ridge Ruckerlberg, 47°04'38"N, 15°28'35"E, 380 m alt., MTB 8958/2; shaded forest edge along the path.

19 September 2008 leg. C. Scheuer (# 5492)
det. U. Braun (Halle/S.)

Annot. (U. BRAUN): This collection represents the third record world-wide and the first one for Austria. The two earlier records originate from the U.S.A. and from Italy, the latter collection also on *Sambucus nigra* (see BRAUN & CROUS 2005).

BRAUN U. & CROUS P.W. 2005: Additions and corrections to names published in *Cercospora* and *Passalora*. - Mycotaxon 92: 395–416.

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Uredinales

434. **Puccinia artemisiella** P.Syd. & Syd.

II, III on *Artemisia vulgaris* L.

AUSTRIA, Styria, Graz, distr. Mariatrost, along the Wenisbucher Straße, 47°06'42''N, 15°29'18''E, 460 m alt., MTB 8858/4; sun-exposed roadside with shrubs.

14 October 2008 leg. & det. C. Scheuer (# 5490)

Annot.: These plants were growing side by side with other individuals heavily infected by *Passalora ferruginea* (Fuckel) U.Braun & Crous (see No. 429 in this issue), but no plants infected by both fungal parasites could be found in this locality.

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Uredinales

435. **Puccinia jaceae** G.H.Otth

II, III on *Centaurea jacea* L.

AUSTRIA, Styria, Türnitzer Alpen, ENE of Mariazell, Halltal, valley of the stream Walster (Rechengraben), 47°46'55''N, 15°20'59''E, 800 m alt., MTB 8258/1; tall herbs along the road.

18 August 2008 leg. & det. C. Scheuer (# 5514)

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Hyphomycetes

436. **Ramularia coleosporii** Sacc.

on *Coleosporium tussilaginis* (Pers.) Lév. s.lat., incl. *C. senecionis* (Pers.) Fr.
on *Senecio ovatus* (G.Gaertner, B.Meyer & Scherb.) Willd.

AUSTRIA, Styria, Türnitzer Alpen, ENE of Mariazell, Halltal, valley of the stream Walster (Rechengraben), 47°47'13''N, 15°21'09''E, 800 m alt., MTB 8258/1; tall herbs along the road.

18 August 2008 leg. C. Scheuer & W. Hollerer
det. C. Scheuer (# 5516)

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Coelomycetes

437. **Septoria castaneicola** Desm.

Syn.: *Phloeospora castaneicola* (Desm.) D.Sacc.

on *Castanea sativa* Mill., on senescent leaves (acervuli mostly hypophyllous)

AUSTRIA, Styria, Graz, distr. Waltendorf, close to the observatory "Lustbühel", 47°04'04''N, 15°29'38''E, 470 m alt., MTB 8958/2; forest edge along the road.

22 October 2008 leg. & det. C. Scheuer (# 5510)

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Coelomycetes

438. **Septoria ulmi** Fr.

Syn.: *Phloeospora ulmi* (Fr.) Wallr., Tel.: *Mycosphaerella ulmi* Kleb.

on *Ulmus glabra* Huds., on living leaves (acervuli hypophyllous)

AUSTRIA, Styria, Türnitzer Alpen, ENE of Mariazell, Halltal, valley of the stream Walster (Rechengraben), 47°46'45''N, 15°20'53''E, 800 m alt., MTB 8258/1; shrubs along the roadside.

18 August 2008 leg. C. Scheuer & W. Hollerer
det. C. Scheuer (# 5517)

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Uredinales

439. **Uromyces geranii** Speg.

II, III on *Geranium sibiricum* L.

AUSTRIA, Styria, Graz, distr. Waltendorf, Macherstraße, 47°04'32''N, 15°29'22''E, *c.* 400 m alt., MTB 8958/2; roadside.

19 August 2008 leg. & det. C. Scheuer (# 5501)

Annot.: This is the first record on *Geranium sibiricum* in Austria. — The uredinia (II) are often infected by *Sphaerellopsis filum* (Biv.) B.Sutton (Tel.: *Eudarluca caricis* (Biv.) O.E.Erikss.).

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440. **Ustilago avenae** (Pers.) Rostr.

Syn.: *Ustilago perennans* Rostr.

in spikelets of *Arrhenatherum elatius* (L.) J.Presl & C.Presl

AUSTRIA, Styria, Graz, Mariatrost distr., 200 m SSE of the church of Mariatrost, 47°06'20"N, 15°29'43"E, *c.* 480 m alt., MTB 8858/4; meadow on the talus of a road.

21 May 2007 leg. W. Obermayer (# 11370)
det. C. Scheuer