

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

Christian SCHEUER\*

SCHEUER C. 2008: *Mycotheca Graecensis*, Fasc. 22 (Nos 421–440). - *Fritschiana* (Graz) 63: 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 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.

\*Karl-Franzens-Universität Graz, Institut für Pflanzenwissenschaften,  
Holteigasse 6, A-8010 Graz, Austria  
E-mail: christian.scheuer@uni-graz.at

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

SCHEUER C. 2008: Mycotheca Graecensis, Fasc. 22 (Nos 421–440). - Fritschiana 63: 1–9.  
 Distributed by the *Institut für Pflanzenwissenschaften, Karl-Franzens-Universität, Graz (GZU)*

---

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.)

SCHEUER C. 2008: Mycotheca Graecensis, Fasc. 22 (Nos 421–440). - Fritschiana 63: 1–9.  
 Distributed by the *Institut für Pflanzenwissenschaften, Karl-Franzens-Universität, Graz (GZU)*

---

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.)

SCHEUER C. 2008: Mycotheca Graecensis, Fasc. 22 (Nos 421–440). - Fritschiana 63: 1–9.  
Distributed by the *Institut für Pflanzenwissenschaften, Karl-Franzens-Universität, Graz (GZU)*

---

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.)

---

SCHEUER C. 2008: Mycotheca Graecensis, Fasc. 22 (Nos 421–440). - Fritschiana 63: 1–9.  
Distributed by the *Institut für Pflanzenwissenschaften, Karl-Franzens-Universität, Graz (GZU)*

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)

---

SCHEUER C. 2008: Mycotheca Graecensis, Fasc. 22 (Nos 421–440). - Fritschiana 63: 1–9.  
Distributed by the *Institut für Pflanzenwissenschaften, Karl-Franzens-Universität, Graz (GZU)*

Ascomycetes

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

on *Aconitum variegatum* agg.

AUSTRIA, Styria, Türritzer 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.)

SCHEUER C. 2008: Mycotheca Graecensis, Fasc. 22 (Nos 421–440). - Fritschiana 63: 1–9.  
Distributed by the *Institut für Pflanzenwissenschaften, Karl-Franzens-Universität, Graz (GZU)*

---

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.)

---

SCHEUER C. 2008: Mycotheca Graecensis, Fasc. 22 (Nos 421–440). - Fritschiana 63: 1–9.  
Distributed by the *Institut für Pflanzenwissenschaften, Karl-Franzens-Universität, Graz (GZU)*

Ascomycetes

**427. Melogramma campylosporium 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)

---

SCHEUER C. 2008: Mycotheca Graecensis, Fasc. 22 (Nos 421–440). - Fritschiana 63: 1–9.  
Distributed by the *Institut für Pflanzenwissenschaften, Karl-Franzens-Universität, Graz (GZU)*

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.)

SCHEUER C. 2008: Mycotheca Graecensis, Fasc. 22 (Nos 421–440). - Fritschiana 63: 1–9.  
Distributed by the *Institut für Pflanzenwissenschaften, Karl-Franzens-Universität, Graz (GZU)*

---

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 Wenisbacher 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.

---

SCHEUER C. 2008: Mycotheca Graecensis, Fasc. 22 (Nos 421–440). - Fritschiana 63: 1–9.  
Distributed by the *Institut für Pflanzenwissenschaften, Karl-Franzens-Universität, Graz (GZU)*

Uredinales

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

(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)

---

SCHEUER C. 2008: Mycotheca Graecensis, Fasc. 22 (Nos 421–440). - Fritschiana 63: 1–9.  
Distributed by the *Institut für Pflanzenwissenschaften, Karl-Franzens-Universität, Graz (GZU)*

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)

SCHEUER C. 2008: Mycotheca Graecensis, Fasc. 22 (Nos 421–440). - Fritschiana 63: 1–9.  
Distributed by the *Institut für Pflanzenwissenschaften, Karl-Franzens-Universität, Graz (GZU)*

---

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)

SCHEUER C. 2008: Mycotheca Graecensis, Fasc. 22 (Nos 421–440). - Fritschiana 63: 1–9.  
Distributed by the *Institut für Pflanzenwissenschaften, Karl-Franzens-Universität, Graz (GZU)*

---

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.

SCHEUER C. 2008: Mycotheca Graecensis, Fasc. 22 (Nos 421–440). - Fritschiana 63: 1–9.  
Distributed by the *Institut für Pflanzenwissenschaften, Karl-Franzens-Universität, Graz (GZU)*

---

Uredinales

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

II, III on *Artemisia vulgaris* L.

AUSTRIA, Styria, Graz, distr. Mariatrost, along the Wenisbacher 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.

---

SCHEUER C. 2008: Mycotheca Graecensis, Fasc. 22 (Nos 421–440). - Fritschiana 63: 1–9.  
Distributed by the *Institut für Pflanzenwissenschaften, Karl-Franzens-Universität, Graz (GZU)*

Uredinales

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

II, III on *Centaurea jacea* L.

AUSTRIA, Styria, Türritzer 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)

---

SCHEUER C. 2008: Mycotheca Graecensis, Fasc. 22 (Nos 421–440). - Fritschiana 63: 1–9.  
Distributed by the *Institut für Pflanzenwissenschaften, Karl-Franzens-Universität, Graz (GZU)*

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, Türritzer 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)

SCHEUER C. 2008: Mycotheca Graecensis, Fasc. 22 (Nos 421–440). - Fritschiana 63: 1–9.  
Distributed by the *Institut für Pflanzenwissenschaften, Karl-Franzens-Universität, Graz (GZU)*

---

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)

---

SCHEUER C. 2008: Mycotheca Graecensis, Fasc. 22 (Nos 421–440). - Fritschiana 63: 1–9.  
Distributed by the *Institut für Pflanzenwissenschaften, Karl-Franzens-Universität, Graz (GZU)*

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, Türritzer 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)

---

SCHEUER C. 2008: Mycotheca Graecensis, Fasc. 22 (Nos 421–440). - Fritschiana 63: 1–9.  
Distributed by the *Institut für Pflanzenwissenschaften, Karl-Franzens-Universität, Graz (GZU)*

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.).

SCHEUER C. 2008: Mycotheca Graecensis, Fasc. 22 (Nos 421–440). - Fritschiana 63: 1–9.  
Distributed by the *Institut für Pflanzenwissenschaften, Karl-Franzens-Universität, Graz (GZU)*

---

Ustilaginales

**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