

Mycotheca Graecensis, Fasc. 21 (Nos 401–420)

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The exsiccata series Mycotheca Graecensis is now continued with labels in English.

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

Remarkable taxa in Fasc. 21 are *Puccinia asperulae-aparinis*, *P. caricina* s.l. (on *Carex hordeistichos*), *P. jackyana*, *P. lactucarum*, *P. cf. libanotidis* (on *Seseli campestre*), *P. podospermi*, *P. schirajewskii*, *P. scillae*, *P. scirpi*, *Uromyces ornithogali* (on *Gagea villosa*), *U. scutellatus* (on *Euphorbia lucida*), *U. sublevis* (on *Euphorbia glareosa*), and *Vankya heuffleri*.

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The exsiccata series Mycotheca Graecensis is now continued with labels in English. The present fascicle of Mycotheca Graecensis contains twenty collections of fungi of various taxonomic groups, predominantly rust fungi (Uredinales). Remarkable taxa are *Puccinia asperulae-aparinis*, *P. caricina* s.l. (on *Carex hordeistichos*), *P. jackyana*, *P. lactucarum*, *P. cf. libanotidis* (on *Seseli campestre*), *P. podospermi*, *P. schirajewskii*, *P. scillae*, *P. scirpi*, *Uromyces ornithogali* (on *Gagea villosa*), *U. scutellatus* (on *Euphorbia lucida*), *U. sublevis* (on *Euphorbia glareosa*), and *Vankya heuffleri*.

The grid reference preceded by the abbreviation MTB refers to the grid used by the project "Floristische Kartierung Mitteleuropas" (floristic mapping of Middle Europe).

From now on, Mycotheca Graecensis is distributed to 20 institutions worldwide (standard abbreviations for herbaria according to Index Herbariorum, also available under <http://207.156.243.8/emu/ih/index.php>):

AD (Adelaide, Australia)	KRAM (Kraków, Poland)
B (Berlin, Germany)	L (Leiden, The Netherlands)
BPI (Beltsville Md, U.S.A.)	LE (St. Petersburg, Russia)
DAOM (Ottawa, Canada)	M (München, Germany)
E (Edinburgh, Scotland, U.K.)	NY (New York, U.S.A.)
GZU (Graz, Austria)	PDD (Auckland, New Zealand)
H (Helsinki, Finland)	S (Stockholm, Sweden)
HAL (Halle/Saale, Germany)	SOMF (Sofia, Bulgaria)
HMAS (Beijing, China)	TNS (Tsukuba, Japan)
K (Kew, England, U.K.)	W (Wien, Austria)

Sincere thanks are due to T. Barta (Vienna) for his extensive collections of parasitic fungi from eastern Austria, to M. Magnes, and to P. Zwetko (Graz).

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

Fasc. 21

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Ustilaginales s.l.

401. *Anthracoidea caricis-albae* (Syd.) Kukkonen

in ovaries of *Carex alba* Scop.

AUSTRIA, Styria, Grazer Bergland, c. 6 km N of Graz-Andritz, NE above the settlement "Fuß der Leber", MTB 8858/2, 47°09'48"N, 15°25'32"E, 700 m alt.; *Fagus sylvatica* forest on limestone.

25 June 2006

leg. & det. C. Scheuer

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Uredinales

402. *Melampsora lini* (Ehrenb.) Lév.

II, III on *Linum catharticum* L.

AUSTRIA, Lower Austria, c. 8 km S of Krems an der Donau, on the hill "Hirschberg" (393 m alt.) near Meidling ("Meidling im Tal"), MTB 7659/4, 48°20'N/15°36'E; along a path.

30 May 2002

leg. T. Barta, det. C. Scheuer

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Uredinales

403. *Melampsora magnusiana* G. Wagner

0, I on *Corydalis cava* (L.) Schweigg. & Koerte

AUSTRIA, Burgenland, Rosaliengebirge, c. 7 km NW of Mattersburg, W of the railway station Bad Sauerbrunn, MTB 8263/2, 47°46'N/16°19'E, c. 300 m alt.

19 April 2000

leg. T. Barta, det. C. Scheuer

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Uredinales

404. *Puccinia asperulae-aparinis* Picb.

(II), III on *Galium rivale* (Sibth. & Sm.) Griseb.

AUSTRIA, Lower Austria, March valley, c. 4 km S of Marchegg, S of the railway station Marchegg, on the hillside "Gscheibter Berg", 48°14'N/16°55'E, c. 160 m alt.; forest edge.

22 October 2003

leg. T. Barta, det. C. Scheuer

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Uredinales

405. *Puccinia caricina* DC. sensu lato

II, (III) on *Carex hordeistichos* Vill.

AUSTRIA, Burgenland, SSW of Bruck an der Leitha, ENE of Kaisersteinbruch, NW of the landmark "Bäckerkreuz" (47°59'N/16°45'E), 160–180 m alt.; silty bank of a pool.

22 October 2005

leg. T. Barta, det. P. Zwetko

Annot.: Rust records on this host, which is quite rare in Austria, need further investigation (e.g., ZWETKO 1993: 91, GJÆRUM 2003: 165). The present collection contains also some leaves with telia. The teliospores are exceptionally large for *P. caricina*, with short pedicels.

GJÆRUM H.B. 2003: New and rare rust fungi (Uredinales) from Anatolia (Turkey). - *Mycotaxon* 85: 165–173.

ZWETKO P. 1993: Rostpilze (Uredinales) auf *Carex* im Ostalpenraum. Ein neues Artenkonzept. - *Bibliotheca Mycologica* 153, 222 pp. - Berlin, Stuttgart: J. Cramer.

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Uredinales

406. *Puccinia galii-vernii* Ces.

III on *Cruciata glabra* (L.) Ehrend.

AUSTRIA, Lower Austria, Bucklige Welt, c. 6.5 km E of Neunkirchen, between Pitten and Guntrams, 47°43'N/16°10'E, 360–400 m alt.

13 October 2002

leg. T. Barta, det. C. Scheuer

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Uredinales

407. *Puccinia jackyana* Gäum.

0, I on *Scorzonera austriaca* Willd.

SLOVENIA, Čičarija, N of the village Rakitovec, plateau between the peaks Kavčič and Lipnik, 45°28'N/13°58'E, c. 800 m alt.; grassland dominated by *Sesleria juncifolia*.

8 June 2006

leg. & det. C. Scheuer

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Uredinales

408. *Puccinia lactucarum* Syd.

II, III on *Lactuca quercina* subsp. *chaixii* (Vill.) P. Fourn.

AUSTRIA, Lower Austria, Weinviertel, c. 2.5 km SW of Mistelbach, along the railroad line N of Paasdorf, 48°33'N/16°32'E, c. 200 m alt.; shrub stand.

8 July 2003

leg. T. Barta, det. C. Scheuer

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Uredinales

409. *Puccinia* cf. *libanotidis* Lindr.

(II), III on *Seseli campestre* Besser

AUSTRIA, Vienna, XXII. (Donaustadt), near Süßenbrunn (48°16'N/16°29'E), S to SSE of the landmark "Gatterkreuz", c. 160 m alt.; ruderal roadside.

15 October 2004

leg. T. Barta, det. C. Scheuer

Annot.: In a similar collection already distributed in Dupla Fungorum (det. P. Zwetko, in SCHEUER 1998: 29), the teliospores are also relatively large, and the germ pore of the lower cell is often not close to the spore septum but conspicuously further below, sometimes for more than 1/3 of the cell length. However, as the teliospore walls are rather thin, the present collection can only be identified as *Puccinia libanotidis*. The eastern European umbellifer *Seseli campestre* was not mentioned as a host of *P. libanotidis* by GÄUMANN (1959: 963) and MAJEWSKI (1979: 93).

GÄUMANN E. 1959: Die Rostpilze Mitteleuropas mit besonderer Berücksichtigung der Schweiz. - Beiträge zur Kryptogamenflora der Schweiz 12, 1407 pp. - Bern: Bümchler & Co.

MAJEWSKI T. 1979: Flora Polska. Grzyby, Tom XI. Podstawczaki (Basidiomycetes), Rdzawnikowe (Uredinales) II, 463 pp. - Warszawa, Kraków: Państwowe Wydawnictwo Naukowe.

SCHEUER C. 1998: Dupla Fungorum (1998). - Fritschiana (Graz) 15: 23–31.

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Uredinales

410. *Puccinia podospermi* DC.

0, I on *Podospermum canum* C.A. Mey.

AUSTRIA, Burgenland, Parndorfer Platte, Parndorf, along the railway between the station Parndorf and the railway stop Parndorf-Ort, MTB 8067/1, 47°59'N/16°51'E, c. 180 m alt.; dry grassland.

8 May 2004

leg. T. Barta, det. C. Scheuer

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Uredinales

411. *Puccinia podospermi* DC.

0, I on *Podospermum canum* C.A. Mey.

AUSTRIA, Lower Austria, northeastern Weinviertel, c. 19 km E of Poysdorf, lower Thaya valley, path along the pond immediately E of the village Bernhardsthal, MTB 7367/1, 48°41'N/16°53'E, c. 160 m alt.

14 May 2004

leg. T. Barta, det. C. Scheuer

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Uredinales

414. *Puccinia schirajewskii* Tranzschel

Syn.: *Puccinia calcitrapae* DC. sensu lato

(II), III on *Klasea lycopifolia* (Vill.) Á. Löve & D. Löve, Syn.: *Serratula lycopifolia* (Vill.) A. Kerner

AUSTRIA, Lower Austria, Wiener Becken, c. 6.5 km NE of Traiskirchen, near the road between Laxenburg and Münchendorf, ENE of the bridge "Rutschenbrücke", MTB 7964/1, 48°03'N/16°22'E, c. 175 m alt.; grassy slope of a ditch.

13 June 2003

leg. T. Barta, det. C. Scheuer & P. Zwetko

Annot.: New record for Austria!

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Uredinales

412. *Puccinia scillae* Linh.

Syn.: *Puccinia rossiana* (Sacc.) Lagerh.

III on *Scilla vindobonensis* Speta

AUSTRIA, Vienna, XI. (Simmering), Kaiserebersdorf, square "Artillerieplatz", MTB 7864/2, 48°10'N/16°28'E, c. 155 m alt.; patchy park lawn.

18 April 2005

leg. T. Barta, det. C. Scheuer

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Uredinales

413. **Puccinia scirpi** DC.

(II), III on *Schoenoplectus tabernaemontani* (C.C. Gmelin) Palla

AUSTRIA, Burgenland, N shore of the Neusiedler See, S of Neusiedl am See towards Weiden am See, SE of the railway station "Bad Neusiedl am See", MTB 8067/3, 47°56'N/16°51'E, c. 120 m alt.; ditch.

29 November 2004

leg. T. Barta, det. P. Zwetko

Annot.: The telia of this collection contain hardly any 2-celled teliospores.

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Uredinales

415. **Thekopsora guttata** (J. Schröt.) P. Syd. & Syd.

II on *Galium odoratum* (L.) Scop.

AUSTRIA, Styria, Graz, Mariatrost distr., along the lower part of the road Wenisbucher Straße, MTB 8858/4, 47°06'43"N, 15°29'10"E, 480 m alt.; mixed forest.

8 October 2006

leg. & det. C. Scheuer

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Uredinales

416. **Uromyces ornithogali** (Wallr.) Lév. sensu stricto

III on *Gagea villosa* (MB.) Duby

AUSTRIA, Vienna, XV. (Rudolfsheim-Fünfhaus), along the river Wien, between the subway stop "Schönbrunn" and the bridge "Schloßbrücke", MTB 7863/2, 48°11'N/16°19'E, c. 180 m alt.; patchy lawn on a slope.

4 April 2000

leg. T. Barta, det. C. Scheuer

Annot.: All records of *Uromyces gageae* Beck on *Gagea villosa* previously published in *Mycotheca Graecensis* and *Dupla Fungorum* also belong to *U. ornithogali* s.str. (see the Schedae emendatae in this issue).

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Uredinales

417. **Uromyces punctatus** J. Schröt.

Syn.: *Uromyces pisi-sativi* (Pers.) Liro sensu lato

II, (III) on *Oxytropis pilosa* (L.) DC.

AUSTRIA, Lower Austria, Weinviertel, Pulkau valley, c. 15 km E of Retz, NNW of Seefeld, edge of an abandoned sandpit near the border to the Czech Republic, MTB 7262/2, 48°44'N/16°09'E, c. 250 m alt.

12 October 2005

leg. T. Barta, det. C. Scheuer

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Uredinales

418. **Uromyces scutellatus** (Schrank) Lév.

III on *Euphorbia lucida* Waldst. & Kit.

HUNGARY, Kiskunság, c. 2 km N of Kunadacs, Turjan "Peszéradaci rétek", c. 100 m alt.; former inundation zone of the Danube (inundated in spring due to high ground water level).

13 May 2006

leg. M. Magnes, det. C. Scheuer

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Uredinales

419. **Uromyces sublevis** Tranzschel

III on *Euphorbia glareosa* Pall. ex MB., Syn.: *E. pannonica* Host

AUSTRIA, Burgenland, Parndorfer Platte, near Parndorf, at the northern boundary of the village Neudorf bei Parndorf, MTB 7967/4, 48°01'N/16°56'E, c. 175 m alt.; dry grassland.

5 June 2004

leg. T. Barta, det. C. Scheuer

Ustilaginales s.l.

420. Vankya heufleri (Fuckel) Ershad

on leaves of *Tulipa sylvestris* L.

AUSTRIA, Vienna, II. (Leopoldstadt), Prater, Aspernallee, MTB 7864/2, 48°
11'N/16°26'E, c. 160 m alt.; grassy roadside.

17 April 2004

leg. T. Barta, det. C. Scheuer