Mycotheca Graecensis, Fasc. 25 (Nos 481–500)

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SCHEUER Christian 2015: Mycotheca Graecensis, Fasc. 25 (Nos 481–500). - Fritschiana (Graz) 79: 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 the present, final Fasc. 25 are *Coleosporium asterum*, *Leveillula lactucarum*, *Melampsoridium carpini*, *Passalora pastinacae*, *Puccinia bornmuelleri*, *P. globulariae*, and *Schizonella intercedens*.

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The present, final Fasc. 25 of Mycotheca Graecensis contains twenty collections of fungi of various taxonomic groups, predominantly parasitic higher fungi. The material was mainly collected in Austria (Carinthia, Lower Austria, Styria, Vienna), only one in Germany (Niedersachsen). The most remarkable collections in Fasc. 25 are pointed out in the abstract (see above).

Mycotheca Graecensis is distributed to 20 institutions world-wide (official abbreviations for public herbaria according to INDEX HERBARIORUM, currently online under http://sweetgum.nybg.org/science/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.)
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M (Munich, Germany)
NY (New York, U.S.A.)
PDD (Auckland, New Zealand)
S (Stockholm, Sweden)
SOMF (Sofia, Bulgaria)
TNS (Tsukuba, Japan)
W (Vienna, Austria)

Sincere thanks are due to all people who contributed to this fascicle, especially to Thomas BARTA (Vienna), Prof. Dr. Uwe BRAUN (Halle/Saale), Dr. Volker JOHN (Bad Dürkheim), Dr. Helene RIEGLER-HAGER (Klagenfurt), Prof. Dr. Leif RYVARDEN (Oslo), and Sigrid TIELSCH (Graz).

The schedae are also published in the www on the Fritschiana website:
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Fasc. 25

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481. **Albugo candida** (Pers.) Roussel

on *Berteroa incana* (L.) DC.

AUSTRIA, Lower Austria, Marchfeld, *c.* 3 km W of the church of Straßhof an der Nordbahn, 0.65-0.7 km ENE of the railway stop Helmahof, 164 m alt., 48°18'N, 16°36'E; waste land.

7 November 2013 leg. Thomas BARTA, det. Christian SCHEUER

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482. **Coleosporium asterum** (Dietel) Syd. & P.Syd.

II, III on *Symphyotrichum lanceolatum* (Willd.) G.L.Nesom (Syn.: *Aster lanceolatus* Willd.)

AUSTRIA, Lower Austria, Vienna Basin, 1.35 km E of the church of Gramatneusiedl, near the bank of the river Fischa, 175 m alt., 48°01'N, 16°30'E; between tall herbs.

9 September 2012 leg. Thomas BARTA, det. Christian SCHEUER

Annot.: This collection might represent a new record for Austria, but *Coleosporium* species are difficult to determine. Contrary to the collections on *Solidago* species from Germany and Switzerland cited by KLENKE & SCHOLLER (2015: 765, 910), the present material on *Symphyotrichum lanceolatum* also contains young telia.

KLENKE Friedemann & SCHOLLER Markus 2015: Pflanzenparasitische Kleinpilze. - Berlin, Heidelberg: Springer Spektrum.

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483. **Coleosporium senecionis** (Pers.) Fr.

II, (III) on *Senecio vernalis* Waldst. & Kit.

AUSTRIA, Vienna, X. (district Favoriten), SW of Gate 9 of the cemetery “Zentralfriedhof”, 174 m alt., 48°08'N, 16°26'E; stubble field.

16 December 2012 leg. Thomas BARTA, det. Sigrid TIELSCH

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484. **Leveillula lactucarum** Durrieu & Rostam

on *Chondrilla juncea* L.

AUSTRIA, Vienna, III. (district Landstraße), along the Hermine-Jursa-Gasse, 166 m alt., 48°11'N, 16°24'E; waste land.

10 November 2012 leg. Thomas BARTA, det. Uwe BRAUN

Annot. (Uwe BRAUN, Halle/Saale, 26 October 2015): No conidia were found in this collection from late autumn, which apparently represents the first published record in Austria.

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485. **Melampsoridium carpini** (Nees) Dietel

II, III on *Carpinus betulus* L. (cultivar)

AUSTRIA, Styria, Graz, district Waltendorf, Pointnergasse, 410 m alt., 47°04'28''N, 15°29'15''E.

2 October 2014 leg. & det. Christian SCHEUER

Annot.: This species may have been rare in Austria, and only two localities in Styria are cited by POELT & ZWETKO (1997: 87). However, recent observations in Graz and environs show that it might (have) become more common by infecting ornamental cultivars of its host species, e.g. *Carpinus betulus* cv. *columnaris*. In some localities whole trees appeared bright orange in late summer and autumn, due to the mass production of uredinia.

POELT Josef(†) & ZWETKO Peter 1997: Die Rostpilze Österreichs. 2., revidierte und erweiterte Auflage des Catalogus Florae Austriae, III. Teil, Heft 1, Uredinales. - Biosystematics and Ecology Series 12: 365 pp. - Wien: Österreichische Akademie der Wissenschaften.

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486. **Microbotryum scorzonerae** (Alb. & Schwein.) G.Deml & Prillinger

on *Scorzonera humilis* L., in inflorescences

AUSTRIA, Lower Austria, Wienerwald, 0.7 km SE of the church of Rekawinkel, E of the mountain Zwickelberg, *c.* 420 m alt., 48°10'N, 16°01'E; meadow.

18 May 2012 leg. Thomas BARTA, det. Sigrid TIELSCH

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487. **Passalora pastinacae** (Sacc.) U.Braun

on *Pastinaca sativa* L. (cultivar)

AUSTRIA, Styria, Graz, district Geidorf, Botanical Garden of the University of Graz, country garden section, 377 m alt., 47°04'58''N, 15°27'26''E.

10 October 2012 leg. & det. Christian SCHEUER (#6213)
conf. Uwe BRAUN (Halle/Saale, 2012)

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488. **Peronospora arthurii** Farl.

on *Oenothera glazioviana* Micheli

AUSTRIA, Styria, Graz, district Gries, Florianigasse, 352 m alt., 47°03'31''N, 15°25'21''E; in a garden.

21 April 2014 leg. Herwig TEPPNER, det. Christian SCHEUER

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489. **Phellinus robustus** (P.Karst.) Bourdot & Galzin

Syn.: *Fomitiporia robusta* (P.Karst.) Fiasson & Niemelä
on thick branches of *Quercus velutina* Lam.

AUSTRIA, Styria, Graz, district Geidorf, Botanical Garden of the University of Graz, 376 m alt., 47°04'55''N, 15°27'24''E; Arboretum.

9 December 2013 leg. Alfred PROBST, det. Leif RYVARDEN

Annot. (Leif RYVARDEN, Oslo, 14 January 2014): The pore surface in this collection is covered with a thin layer of mycelium, a typical feature when fruitbodies of perennial species go into hibernation and close the pores to avoid desiccation.

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490. **Phragmidium mexicanum** (Mains) H.Y.Yun, Minnis & Aime

Syn.: *Frommeëlla mexicana* (Mains) J.W.McCain & J.F.Hennen
II, III on *Potentilla indica* (Jacks.) Th.Wolf, Syn.: *Duchesnea indica* (Jacks.) Focke

AUSTRIA, Styria, Graz, district Mariatrost, southern end of the forest “Leechwald”, close to the area of the hospital “Landeskrankenhaus”, 300 m SSE of the pond “Hilmteich”, 390 m alt., 47°04'54''N, 15°27'43''E; edge of a clearing.

27 October 2015 leg. & det. Christian SCHEUER

Annot.: Telia were quite abundant in the present collection, although this species is usually collected with uredinia only. Unlike typical *Phragmidium* species, the teliospores of *Phragmidium mexicanum* have only one germ pore per cell and germinate readily.

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491. **Puccinia bornmuelleri** Magnus

II, III on *Levisticum officinale* W.D.J.Koch (cultivated)
+ *Ramularia heraclei* (Oudem.) Sacc. (Syn.: *Ramularia levistici* Oudem.)

AUSTRIA, Carinthia, Klagenfurt, Botanical Garden, country garden section, 450 m alt., 46°37'48''N, 14°17'34''E.

29 July 2010 leg. Gerald DÜRR & Helene RIEGLER-HAGER
det. Helene RIEGLER-HAGER (#1712)

Annot.: This collection pertains to the first published record for Carinthia (RIEGLER-HAGER 2011).

RIEGLER-HAGER Helene (2011). Erstnachweis von *Puccinia bornmuelleri* Magnus in Kärnten. - Carinthia II, 201/121: 383–386.

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492. **Puccinia globulariae** DC.

III on *Globularia bisnagarica* L. (Syn.: *G. punctata* Lapeyr., *G. elongata* Hegetschw.)

AUSTRIA, Lower Austria, Weinviertel, 5.2 km N of the church of Zistersdorf, north-western edge of the forest Steinbergwald, *c.* 290 m alt., 48°35'N, 16°45'E; dry grass-land.

8 May 2009 leg. Thomas BARTA, det. Sigrid TIELSCH

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493. **Puccinia menthae** Pers.

II on *Mentha arvensis* var. *piperascens* Malinv. ex Holmes (cultivated)

AUSTRIA, Styria, Graz, district Geidorf, Botanical Garden of the University of Graz, medicinal plants section, 378 m alt., 47°04'58"N, 15°27'24"E.

12 September 2015 leg. & det. Christian SCHEUER

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494. **Puccinia opizii** Bubák

(II), III on *Carex muricata* agg.

AUSTRIA, Lower Austria, Marchfeld, N of Straßhof an der Nordbahn, 0.55 km NNE of the hunting lodge Althof, *c.* 165 m alt., 48°19'N, 16°38'E; edge of a clearing.

2 December 2013 leg. Thomas BARTA, det. Peter ZWETKO

Annot. (Peter ZWETKO, Graz, 21 October 2015): The identification is somewhat tentative, as the material examined does not contain well-preserved uredinia. However, the conspicuous, cap-like apical wall thickening of the teliospores clearly points towards *P. opizii*.

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495. **Puccinia opizii** Bubák

(II), III on *Carex muricata* agg.

AUSTRIA, Vienna, XVII. (district Hernals), on the northeastern slope of the mountain Heuberg near Neuwaldegg, 400–450 m alt., 48°13'N, 16°16'E; on a clearing.

17 November 2012 leg. Thomas BARTA, det. Peter ZWETKO

Annot. (Peter ZWETKO, Graz, 21 October 2015): The identification is somewhat tentative, as the material examined does not contain well-preserved uredinia. However, the conspicuous, cap-like apical wall thickening of the teliospores clearly points towards *P. opizii*.

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496. **Puccinia scillae** Linh.

Syn.: *Puccinia rossiana* (Sacc.) Lagerh.
III on *Scilla vindobonensis* Speta

AUSTRIA, Vienna, II. (district Leopoldstadt), Prater, SSW-SW of the railway stop Praterkai, 157 m alt., 48°11'N, 16°26'E; riverine forest.

22 April 2009 leg. Thomas BARTA, det. Sigrid TIELSCH

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497. **Schizonella intercedens** Vánky & A.Nagler

on leaves of *Carex michelii* Host

AUSTRIA, Lower Austria, Weinviertel, *c.* 4 km N of the church of Zistersdorf, in the forest Steinbergwald, *c.* 220–280 m alt., 48°35'N, 16°45'E; wayside.

8 May 2009 leg. Thomas BARTA, det. Sigrid TIELSCH

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498. **Schizonella intercedens** Vánky & A.Nagler

on leaves of *Carex michelii* Host

AUSTRIA, Vienna, XIX. (district Döbling), between the mountains Kahlenberg and Leopoldsberg, 300–400 m alt., 48°16'N, 16°20'E; road cut.

17 May 2010 leg. Thomas BARTA, det. Sigrid TIELSCH

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499. **Seifertia azaleae** (Peck) Partr. & Morgan-Jones

Syn.: *Periconia azaleae* Peck, *Pycnostysanus azaleae* (Peck) E.W.Mason
on necrotic buds of *Rhododendron* sp. (cultivated)

GERMANY, Niedersachsen, Lüneburger Heide, Bad Bevensen, Johann-Sebastian-Bach-Straße, 50 m alt., 53°04'36.35''N, 10°34'04.83''E; in a garden.

21 April 2013 leg. & det. Volker JOHN (ex herb. POLL, Fungi #7092)

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500. **Septoria erigerontis** Peck

on *Erigeron annuus* (L.) Pers. subsp. *annuus*, in necrotic leaf spots

AUSTRIA, Lower Austria, Marchfeld, 2.6 km NNE of the church of Deutsch-Wagram, along the stream Mühlbach 1.05–1.1 km E of the farmstead Rußbachhof, 160 m alt., 48°19'N, 16°34'E; fallow land.

14 November 2013 leg. Thomas BARTA, det. Christian SCHEUER