Dupla Graecensia Fungorum (2007, Nos 41–100)

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SCHEUER C. 2007: Dupla Graecensia Fungorum (2007, Nos 41–100). - Fritschiana (Graz) 58: 1–25. - ISSN 1024-0306.

Dupla Graecensia Fungorum is a duplicate series for the distribution of fungal collections with irregular numbers of specimens. It is the successor of Dupla Fungorum distributed by the author between 1997 and 2003. Due to the irregular numbers of specimens, every institution receiving a duplicate of a collection is cited on the label.
Dupla Graecensia Fungorum (2007) is distributed to the herbaria GZU, BPI, M, WSP, HAL, NY, LI, KL, TROM, LE, KRAM, and SOMF. The complete sets comprise 60 specimens and are deposited in GZU, BPI, M, and WSP. All material for this set was collected in Austria.

Remarkable taxa in this shipment are, e.g., *Colletogloeum veratri-albi* (isotype material), *Peronospora arthurii*, *Puccinia angelicae* s.l. (on *Cnidium dubium*), *P. caricina* s.l. (on *Carex hordeistichos*), *P.* cf. *libanotidis* (on *Seseli annuum*), *P. peucedani-austriaci*, *P. taraxaci* s.l. (on *Taraxacum bessarabicum*), *Sporisorium montaniense*, *Uromyces genistae-tinctoriae* s.l. (on *Cytisus procumbens*), and *U. sarothamni* (first record in Austria).

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The present shipment of the duplicate series Dupla Graecensia Fungorum comprises 60 collections of various taxonomic groups. Dupla Graecensia Fungorum is the successor of Dupla Fungorum distributed by the author between 1997 and 2003. Due to the irregular numbers of specimens, every institution receiving a duplicate of a collection is cited on the label. See the abstract for a list of remarkable taxa in this shipment.

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

This second shipment of Dupla Graecensia Fungorum is again distributed to the following institutions (official abbreviations for public herbaria according to Index Herbariorum, also available under http://207.156.243.8/emu/ih/index.php). The four complete sets comprise 60 specimens and are deposited in GZU, BPI, M, and WSP.

GZU (Graz, Austria)
BPI (Beltsville Md, U.S.A.)
M (Munich, Germany)
WSP (Pullman Wa, U.S.A.)
HAL (Halle/Saale, Germany)
NY (New York, U.S.A.)
LI (Linz, Austria)
KL (Klagenfurt, Austria)
TROM (Tromsø, Norway)
LE (St. Petersburg, Russia)
KRAM (Kraków, Poland)
SOMF (Sofia, Bulgaria)

Sincere thanks are due to all colleagues who contributed collections, identifications, annotations and other comments to this set, especially to T. Barta (Vienna), U. Braun (Halle/S.), H. Melzer (Zeltweg), W. Obermayer (Graz), H. Teppner (Graz), H. Voglmayr (Vienna), and P. Zwetko (Graz).

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41. **Albugo amaranthi** (Schweinitz) Kuntze

on *Amaranthus retroflexus* L.

AUSTRIA, Vienna, XI. (Simmering), along the canal W of the street Hasenleitengasse, MTB 7864/2, 48°09'N/16°25'E, *c.* 170 m alt.; ruderal roadside.

11 August 2003 leg. T. Barta, det. H. Voglmayr

Annot.: No oospores found. However, it may be assumed that this identification is correct, because the second *Albugo* species occurring on *Amaranthus*, *A. bliti* (Biv.) Kuntze, is not known from this North American host species so far (see VOGLMAYR & RIETHMÜLLER 2006: 82, 83).

VOGLMAYR H. & RIETHMÜLLER 2006: Phylogenetic relationships of *Albugo* species (white blister rusts) based on LSU rDNA sequence and oospore data. - Mycological Research 110: 75–85.

Distributed to: GZU, BPI, M, WSP, HAL, NY

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42. **Albugo portulacearum** (Schltdl.) Kochman & T.Majewski

Syn.: *Albugo portulacae* (DC. ex Duby) Kuntze
on *Portulaca oleracea* L.

AUSTRIA, Vienna, XI. (Simmering), along the road "Simmeringer Hauptstraße", between Awarenstraße and Baudißgasse, MTB 7864/4, 48°08'N/16°27'E, *c.* 170 m alt.; ruderal roadside.

26 August 2003 leg. T. Barta, det. C. Scheuer

Distributed to: GZU, BPI, M, WSP, HAL, NY, LI, KL, TROM, LE, KRAM, SOMF

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43. **Coleosporium euphrasiae** (Schumach.) G.Winter

II, III on *Rhinanthus aristatus* Čelak.

AUSTRIA, Lower Austria, Kalkvoralpen, *c.* 18 km NW of Gloggnitz, Schneeberg massif, Kuhschneeberg, S of the footpath "Schnellerwagsteig", MTB 8260/1, 47°46'N/15°44'E, 700–1100 m alt.

5 July 2002 leg. T. Barta, det. C. Scheuer

Distributed to: GZU, BPI, M, WSP

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44. **Colletogloeum veratri-albi** U.Braun & Scheuer **ISOTYPE**

in Fritschiana (Graz) 58: 29 (2007)

on *Veratrum album* L., in necrotic leaf spots

AUSTRIA, Styria, Koralpe, 16 km W of Deutschlandsberg, *c.* 3.5 km N of the summit "Großer Speikkogel", along the path from the saddle E of the refuge Grillitschhütte down to the Bärentalalm, MTB 9155/4, 46°48'50"N/14°59'30"E, *c.* 1720 m alt.; tall herbs and smaller shrubs between *Alnus alnobetula*.

15 July 2004 leg. C. Scheuer (#4975), det. U. Braun

Annot.: The size of the conidia agrees quite well with the measurements given in the description of the holotype of *Colletogloeum veratri* (Ellis & Everh.) Morgan-Jones & R.A.Phelps on *Veratrum californicum* E.M.Durand from North America by MORGAN-JONES & PHELPS (1995). *C. veratri-albi* differs by the frequently occurring rostrate and 2-septate conidia, its host range and geographical distribution (see BRAUN & SCHEUER 2007, in this issue).

BRAUN U. & SCHEUER C. 2007: *Colletogloeum veratri-albi* – a new acervular coelomycete on *Veratrum album*. - Fritschiana (Graz) 58: 28–34.
MORGAN-JONES G. & PHELPS R.A. 1995: Notes on Coelomycetes. V. Concerning *Marssonina veratri*, a leaf-spot causing fungus of *Veratrum californicum*, reclassified in *Colletogloeum*. - Mycotaxon 55: 215–221.

Distributed to: GZU, BPI, M, WSP, HAL

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45. **Dothidea mezerei** Fr.

on twigs of *Daphne mezereum* L.

AUSTRIA, Styria, Koralpe, 16 km W of Deutschlandsberg, *c.* 3.5 km N of the summit "Großer Speikkogel", along the path from the saddle E of the refuge Grillitschhütte down to the Bärentalalm, MTB 9155/4, 46°48'50"N/14°59'30"E, *c.* 1740 m alt.; tall herbs and shrubs between *Alnus alnobetula*.

15 July 2004 leg. & det. C. Scheuer

Distributed to: GZU, BPI, M, WSP, HAL, NY

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46. **Dothidea sambuci** (Pers.) Fr.

on twigs of *Sambucus nigra* L.

AUSTRIA, Styria, *c.* 4 km S of Frohnleiten, *c.* 200 m above the weir S of the settlement Zellhof, at the orographically left bank of the river Mur, MTB 8757/4, 47°14'N/15°19'E, *c.* 410 m alt.

2 March 2006 leg. E. Gruber, det. C. Scheuer

Distributed to: GZU, BPI, M, WSP, HAL, NY

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47. **Fusicladiella melaena** (Fuckel) S.Hughes

on *Carduus personata* (L.) Jacq.

AUSTRIA, Styria, Koralpe, 16 km W of Deutschlandsberg, *c.* 3.5 km N of the summit "Großer Speikkogel", along the path from the saddle E of the refuge Grillitschhütte down to the Bärentalalm, MTB 9155/4, 46°48'50"N/14°59'30"E, *c.* 1720 m alt.; tall herbs and shrubs between *Alnus alnobetula*.

15 July 2004 leg. & det. C. Scheuer

Distributed to: GZU, BPI, M, WSP, HAL

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48. **Leucotelium cerasi** (Berenger) Tranzschel

0, I on *Eranthis hyemalis* (L.) Salisb.

AUSTRIA, Styria, Graz, Geidorf distr., Botanical Garden of the Karl-Franzens-Universitaet, MTB 8958/2, 47°04'N/15°27'E, 375 m alt.

13 May 2005 leg. & det. C. Scheuer

Distributed to: GZU, BPI, M, WSP, HAL, NY, LI, KL

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49. **Melampsora euphorbiae** (C.Schub.) Castagne

II, III on *Euphorbia taurinensis* All.

AUSTRIA, Burgenland, Parndorfer Platte, *c.* 13 km ENE of Neusiedl am See, railway station Zurndorf, MTB 8068/1, 47°58'N/17°01'E, 142 m alt., along the rails.

26 May, 30 May 2004 leg. T. Barta, det. C. Scheuer

Distributed to: GZU, BPI, M, WSP, HAL, NY, LI

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Distributed by the *Institut für Pflanzenwissenschaften*, *Karl-Franzens-Universität*, Graz (GZU)

50. **Melampsora rostrupii** G.H.Wagner

0, I on *Mercurialis perennis* L.

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.; deciduous forest.

19 April 2000 leg. T. Barta, det. C. Scheuer

Distributed to: GZU, BPI, M, WSP

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51. **Microbotryum lychnidis-dioicae** (DC. ex Liro) G.Deml & Oberw.

in anthers of *Silene dioica* (L.) Clairv.

AUSTRIA, Styria, Schladminger Tauern, *c.* 17 km S of Gröbming, hiking path along the W shore of the lake Schwarzensee, MTB 8749/1, 47°17'N/13°52'E, *c.* 1170 m alt.; tall herb stands on small clearings.

6 July 2006 leg. & det. C. Scheuer

Distributed to: GZU, BPI, M, WSP, HAL, NY, LI, KL, TROM, LE, KRAM, SOMF

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52. **Microstroma juglandis** (Berenger) Sacc.

on *Juglans regia* L.

AUSTRIA, Styria, Grazer Bergland, *c.* 6 km N of Graz-Andritz, E above the settlement "Fuß der Leber", MTB 8858/2, 47°09'N/15°25'E, 520 m alt.; sunny slope of a small forest road.

25 June 2006 leg. & det. C. Scheuer

Distributed to: GZU, BPI, M, WSP, HAL, NY, LI, KL, TROM, LE

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53. **Peronospora arthurii** Farl.

on *Oenothera parviflora* L.

AUSTRIA, Graz, Geidorf distr., Holteigasse, Botanical Garden of the Karl-Franzens-Universitaet, MTB 8958/2, 47°04'N/15°27'E, *c.* 375 m alt.

27 May 2006 leg. & det. C. Scheuer, conf. H. Voglmayr

Distributed to: GZU, BPI, M, WSP, HAL, NY, LI, KL, TROM, LE, KRAM, SOMF

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54. **Peronospora dentariae** Rabenh.

on *Cardamine bulbifera* (L.) Crantz, Syn.: *Dentaria bulbifera* L.

AUSTRIA, Lower Austria, *c.* 7 km NW of Klosterneuburg, N boundary of the Wienerwald, ENE of the castle Greifenstein, MTB 7663/2, 48°21'N/16°15'E, *c.* 200 m alt.; deciduous forest.

15 April 2002 leg. T. Barta, det. Ch. Scheuer

Distributed to: GZU, BPI, M, WSP, HAL, NY, LI, KL

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55. "**Phoma**" **sp.**

on stored fruit of *Cucurbita pepo* var. *texana* (Scheele) D.Decker (wild form, harvest 2003)

AUSTRIA, Styria, Graz, Geidorf distr., Botanical Garden of the Karl-Franzens-Universitaet, MTB 8958/2, 47° 04'N/15°27'E, 375 m alt.; cellar of the greenhouses.

20 April 2004 leg. H. Teppner

Annot.: An identification of the species and/or annotations would be gratefully acknowledged.

Distributed to: GZU, BPI, M, WSP, HAL

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56. **Phragmidium sanguisorbae** (DC.) J.Schröt.

II, III on *Sanguisorba minor* subsp. *polygama* (Waldst. & Kit.) Coutinho

AUSTRIA, Vienna, II. (Leopoldstadt), E of the bridge "Freudenauer Hafenbrücke", MTB 7864/2, 48°10'N/16°28'E, *c.* 160 m alt., ruderal slope.

16 December 1999 leg. T. Barta, det. C. Scheuer

Distributed to: GZU, BPI, M, WSP, HAL, NY, LI, KL, TROM, LE, KRAM, SOMF

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57. **Phyllosticta convallariae** Pers.

on *Polygonatum odoratum* (Mill.) Druce
[Teleomorph: *Guignardia*]

AUSTRIA, Styria, Grazer Bergland, Graz, Andritz distr., 5.4 km NNW of the centre of Graz, Admonter Kogel, "Türkenschanze" at the top of the rock climbing area, MTB 8858/3, 47°06'45"N, 15°23'50"E, 440 m alt.; mixed forest (with *Quercus pubescens*) on calcareous rocks.

5 June 2006 leg. W. Obermayer (#11148), det. C. Scheuer

Distributed to: GZU, BPI, M, WSP, HAL

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58. **Podosphaera ferruginea** (Schltdl.) U.Braun & S.Takam.

Syn.: *Sphaerotheca ferruginea* (Schltdl.) L.Junell
on *Sanguisorba officinalis* L.

AUSTRIA, Burgenland, *c.* 9 km SSE of Oberpullendorf, N of Klostermarienberg, along the river Rabnitz, MTB 8565/3, 47°25'N/16°34'E, *c.* 220 m alt.; grassy slope along the river bed.

14 September 2004 leg. T. Barta, det. C. Scheuer

Distributed to: GZU, BPI, M, WSP, HAL, NY

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59. **Puccinia** cf. **absinthii** DC.

Syn. *Puccinia tanaceti* DC. s.l.
II on *Artemisia scoparia* Waldst. & Kit.

AUSTRIA, Burgenland, Parndorfer Platte, *c.* 13 km ENE of Neusiedl am See, railway station Zurndorf, MTB 8068/1, 47°58'N/17°01'E, 142 m alt.; between the rails.

9 September 2004 leg. T. Barta, det. P. Zwetko

Annot.: No records of uredinia on this host could be traced in the literature. Only the microcyclic *P. artemisiicola* P.Syd. & Syd. and aecia assigned to the *P. stipina* group have been found so far (GÄUMANN 1959: 653, 734).

GÄUMANN E. 1959: Die Rostpilze Mitteleuropas mit besonderer Berücksichtigung der Schweiz. - Beiträge zur Kryptogamenflora der Schweiz XII, 1407 pp.

Distributed to: GZU, BPI, M, WSP, HAL

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60. **Puccinia angelicae** (Schumach.) Fuckel, sensu lato

II, III on *Cnidium dubium* (Schkuhr) Thell.

AUSTRIA, Lower Austria, March valley, *c.* 10.5 km ESE of Zistersdorf, E of Sierndorf an der March, near the meadows "Alte Wiesen", MTB 7467/3, 48°30'N/16°54'E, *c.* 150 m alt.; edge of a wet meadow in the floodplain area.

21 August 2004 leg. T. Barta, det. C. Scheuer

Annot.: Like in an earlier collection on this host, published and distributed as *Mycotheca Graecensis* 383 (det. P. Zwetko, in SCHEUER 2004: 12), the teliospore walls are smooth and relatively thin. According to GÄUMANN (1959: 955), *Puccinia cnidii* Lindr. would have thick, somewhat irregularly ornamented walls.

GÄUMANN E. 1959: Die Rostpilze Mitteleuropas mit besonderer Berücksichtigung der Schweiz. - Beiträge zur Kryptogamenflora der Schweiz XII, 1407 pp.
Scheuer Ch. 2004: Mycotheca Graecensis, Fasc. 19 & 20 (Nr. 361–400) und alphabetisches Gesamtverzeichnis. - Fritschiana (Graz) 46: 1–24.

Distributed to: GZU, BPI, M, WSP, HAL, NY, LI, KL, TROM, LE

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Distributed by the *Institut für Pflanzenwissenschaften*, *Karl-Franzens-Universität*, Graz (GZU)

61. **Puccinia angelicae** (Schumach.) Fuckel, sensu lato

II, III on *Cnidium dubium* (Schkuhr) Thell.

AUSTRIA, Lower Austria, March valley, *c.* 9.5 km E of Gänserndorf, SSE of Zwerndorf an der March, between the areas "Sandparz" and "Rohrwiese", MTB 7667/3, 48°20'N/16°51'E, *c.* 140 m alt.; wet meadow.

12 September 2004 leg. T. Barta, det. C. Scheuer

Annot.: Like in an earlier collection on this host, published and distributed as *Mycotheca Graecensis* 383 (det. P. Zwetko, in SCHEUER 2004: 12), the teliospore walls are smooth and relatively thin. According to GÄUMANN (1959: 955), *Puccinia cnidii* Lindr. would have thick, somewhat irregularly ornamented walls.

GÄUMANN E. 1959: Die Rostpilze Mitteleuropas mit besonderer Berücksichtigung der Schweiz. - Beiträge zur Kryptogamenflora der Schweiz XII, 1407 pp.
Scheuer Ch. 2004: Mycotheca Graecensis, Fasc. 19 & 20 (Nr. 361–400) und alphabetisches Gesamtverzeichnis. - Fritschiana (Graz) 46: 1–24.

Distributed to: GZU, BPI, M, WSP, HAL

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62. **Puccinia arenariae** (Schumach.) J.Schröt.

III on *Dianthus barbatus* L.

AUSTRIA, Styria, Oberes Murtal, Zeltweg, Neuzeltweg, MTB 8854/2, 47°11'N/ 14°44'E, *c.* 670 m alt.; flower bed.

December 2003 leg. H. Melzer, det. C. Scheuer

Distributed to: GZU, BPI, M, WSP, HAL, NY, LI, KL, TROM, LE

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63. **Puccinia asperulae-aparines** Picb.

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

AUSTRIA, Lower Austria, March valley, *c.* 13.5 km E of Zistersdorf, *c.* 3 km ESE of Drösing, NE of the wetland area "Dunawiesen", close to the bank of the river March, MTB 7467/4, 48°31'N/16°56'E, *c.* 145 m alt.; along a path in the floodplain forest.

18 October 2003 leg. T. Barta, det. C. Scheuer

Distributed to: GZU, BPI, M, WSP, HAL, NY

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Distributed by the *Institut für Pflanzenwissenschaften*, *Karl-Franzens-Universität*, Graz (GZU)

64. **Puccinia caricina** DC., sensu lato

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

AUSTRIA, Lower Austria, Thermenlinie, *c.* 4 km SE of Berndorf, near St. Veit an der Triesting, along a forest path at the W foot of the hill "Pfarrkogel", MTB 8062/4, 47°55'N/16°09'E, 400–420 m alt.; wet clearing.

8 September 2002 leg. T. Barta, det. P. Zwetko

Annot.: Records of rust fungi on this host, which is quite rare in Austria, need further investigation (POELT & ZWETKO 1997: 118). See also the short paper by ZWETKO (2007, in this issue). Another rich collection has already been distributed as Mycotheca Graecensis no. 405 (SCHEUER 2006: 3).

POELT J. & ZWETKO P. 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.
SCHEUER C. 2006: Mycotheca Graecensis, Fasc. 21 (Nos 401–420). - Fritschiana (Graz) 54: 1–9.
ZWETKO P. 2007: Notes on two collections of *Puccinia caricina* s.l. on *Carex hordeistichos* from Austria. - Fritschiana (Graz) 58: 35–38.

Distributed to: GZU, BPI, M, WSP, HAL, NY, LI, KL, TROM, LE

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65. **Puccinia caricina** DC. **var. caricina**

II, III on *Carex pseudocyperus* L.

AUSTRIA, Burgenland, Leitha valley, *c.* 12 km NE of Neusiedl am See, next to the village Gattendorf (48°01'N/16°59'E, 147 m alt.); bank of a pond.

7 October 2004 leg. T. Barta, det. P. Zwetko

Distributed to: GZU, BPI, M, WSP

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66. **Puccinia conglomerata** (F.Strauss) Röhl.

III on *Homogyne alpina* (L.) Cass.

AUSTRIA, Styria, Schladminger Tauern, 18 km SSE of Gröbming, *c.* 1.5 km SW of St. Nikolai im Sölktal, along the orographically right bank of the stream Bräualmbach, MTB 8650/3, 47°18'N/14°02'E, *c.* 1160 m alt.; pasture near the road.

7 July 2006 leg. & det. C. Scheuer

Distributed to: GZU, BPI, M, WSP, HAL

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67. **Puccinia coronata** Corda

0, I on *Frangula alnus* Mill.

AUSTRIA, Styria, Kaiserwald S of Graz, 5.5 km SW of Kalsdorf, near the large fishpond W of Wundschuh, MTB 9058/4, 46°55'N/15°25'E, *c.* 330 m alt.

14 June 2006 leg. W. Obermayer, det. C. Scheuer

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68. **Puccinia coronata** Corda

II, III on *Glyceria maxima* (Hartman) Holmberg

AUSTRIA, Lower Austria, Danube valley, E of Fischamend, path along the stream Fischa, at the SE edge of the floodplain forest "Schüttlau", MTB 7865/4, 48°07'N/16°38'E, *c.* 145 m alt.

23 September 2003 leg. T. Barta, det. C. Scheuer

Distributed to: GZU, BPI, M, WSP, HAL, NY, LI, KL, TROM, LE, KRAM, SOMF

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69. **Puccinia crepidis** J.Schröt.

0, I, (II) on *Crepis tectorum* L.

AUSTRIA, Lower Austria, Marchfeld, *c.* 8.5 km WSW of Gänserndorf, near Strasshof an der Nordbahn, S of the settlement Wendlingerhof, MTB 7665/4, 48°19'N/16°36'E, *c.* 165 m alt.; sandy fallow land.

May 2003 leg. T. Barta, det. C. Scheuer

Distributed to: GZU, BPI, M, WSP

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70. **Puccinia galii-verni** Ces.

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

AUSTRIA, Lower Austria, Bucklige Welt, *c.* 2 km S of Aspang-Markt, along the railway station Ausschlag-Zöbern, MTB 8462/4, 47°32'N/16°05'E, 630 m alt.

20 October 2002 leg. T. Barta, det. C. Scheuer

Distributed to: GZU, BPI, M, WSP, HAL, NY, LI, KL, TROM, LE, KRAM, SOMF

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71. **Puccinia lactucarum** Syd.

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

AUSTRIA, Lower Austria, Weinviertel, between Wolkersdorf and Mistelbach, *c.* 7 km NNW of Wolkersdorf, along the railway S of the railway stop Hautzendorf, MTB 7564/2, 48°27'N/16°29'E, *c.* 210 m alt.; shrub stand.

15 July 2003 leg. T. Barta, det. C. Scheuer

Distributed to: GZU, BPI, M, WSP, HAL, NY, LI, KL, TROM, LE, KRAM, SOMF

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72. **Puccinia lactucarum** Syd.

II, (III) on *Lactuca quercina* L. subsp. *quercina*

AUSTRIA, Lower Austria, Weinviertel, between Wolkersdorf and Mistelbach, *c.* 10 km SW of Mistelbach, along the railway SW to WSW of the railway station Neubau-Kreuzstetten, MTB 7564/2, 48°29'N/16°29'E, *c.* 250 m alt.; slope with shrubs.

10 July 2003 leg. T. Barta, det. C. Scheuer

Distributed to: GZU, BPI, M, WSP, HAL, NY, LI, KL, TROM, LE

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73. **Puccinia** cf. **libanotidis** Lindr.

III on *Seseli annuum* L.

AUSTRIA, Lower Austria, Marchfeld, *c.* 10 km WSW of Gänserndorf, near Strasshof an der Nordbahn, along the railway WSW of the railway stop Helmahof, MTB 7665/4, 48°18'N/16°35'E, *c.* 165 m alt.

Late summer – autumn 2002 leg. T. Barta, det. C. Scheuer

Annot.: The germ pore of the lower cell of the teliospore is often not close to the septum but conspicuously further below, sometimes for more than 1/3 of the cell length. However, as this *P.* cf. *libanotidis* has already been found on *Seseli annuum* and other rare *Seseli* species in eastern Austria (e.g., SCHEUER 1998: 29, 2006: 5), the collection is distributed under this name. It should be added here that GÄUMANN (1959: 964, 954) mentioned *Seseli annuum* not only as a facultative host of *P. libanotidis* (infection experiment), but also of his highly host-specific *P. aethusae* f.sp. *seseli-annui* Gäumann.

GÄUMANN E. 1959: Die Rostpilze Mitteleuropas mit besonderer Berücksichtigung der Schweiz. - Beiträge zur Kryptogamenflora der Schweiz XII, 1407 pp.
SCHEUER C. 1998: Dupla Fungorum (1998), verteilt vom Institut für Botanik der Universität Graz (GZU). - Fritschiana (Graz) 15: 23–31.
SCHEUER C. 2006: Mycotheca Graecensis, Fasc. 21 (Nos 401–420). - Fritschiana (Graz) 54: 1–9.

Distributed to: GZU, BPI, M, WSP, HAL, NY

SCHEUER C. 2007: **Dupla Graecensia Fungorum** (2007, nos 41–100). Fritschiana 58: 1–25.
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74. **Puccinia malvacearum** Bertero ex Mont.

III on *Alcea biennis* Winterl

AUSTRIA, Lower Austria, Wiener Becken, *c.* 6.5 km NE of Traiskirchen, between Laxenburg and Münchendorf, along the stream Aubach (Schwechat), MTB 7964/1, 48°03'N/16°22'E, *c.* 180 m alt.; grassy slope along the stream bed.

2 July, 12 July 2003 leg. T. Barta, det. C. Scheuer

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75. **Puccinia malvacearum** Bertero ex Mont.

III on *Malva pusilla* Sm.

AUSTRIA, Lower Austria, March valley, *c.* 4 km NW of Marchegg, SSW of Baumgarten an der March, NW of the mound "Galgenhöhe", beside the path along the stream "Mühlbach", MTB 7667/3, 48°18'N/16°52'E, *c.* 140 m alt.

27 October 2005 leg. T. Barta, det. C. Scheuer

Distributed to: GZU, BPI, M, WSP, HAL

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76. **Puccinia menthae** Pers.

II on *Clinopodium vulgare* L.

AUSTRIA, Lower Austria, Weinviertel, *c.* 7 km NNW of Mistelbach, W of the railway stop Hörersdorf, MTB 7365/3, 48°37'N/16°30'E, 260–280 m alt.

7 July 2002 leg. T. Barta, det. C. Scheuer

Distributed to: GZU, BPI, M, WSP

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77. **Puccinia paludosa** Plowr.

II, (III) on *Carex elata* × ?

AUSTRIA, Styria, Kaiserwald S of Graz, 5.5 km SW of Kalsdorf, near the large fish pond W of Wundschuh, MTB 9058/4, 46°55'N/15°25'E, *c.* 330 m alt.

14 June 2006 leg. W. Obermayer, det. P. Zwetko

Distributed to: GZU, BPI, M, WSP, HAL, NY, LI, KL

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78. **Puccinia peucedani-austriaci** Mayor ex Gäum.

(II), III on *Peucedanum austriacum* (Jacq.) Koch

AUSTRIA, Lower Austria, Bucklige Welt, *c.* 6 km E of Neunkirchen, between Pitten and Guntrams, MTB 8263/3, 47°43'N/16°10'E, 360–400 m alt.; mixed forest with *Pinus sylvestris*.

Late summer – autumn, *c.* 2000 leg. T. Barta, det. P. Zwetko

Distributed to: GZU, BPI, M, WSP, HAL, NY, LI, KL, TROM, LE, KRAM, SOMF

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79. **Puccinia podospermi** DC.

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

AUSTRIA, Lower Austria, Marchfeld, *c.* 6.5 km ESE of Wolkersdorf, N of Bockfließ, N side of the hill Freiberg, MTB 7665/2, 48°22'N/16°36'E, 180–200 m alt.; grassy spot.

7 May 2005 leg. T. Barta, det. C. Scheuer

Distributed to: GZU, BPI, M, WSP, HAL, NY, LI, KL, TROM, LE, KRAM, SOMF

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80. **Puccinia podospermi** DC.

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

AUSTRIA, Lower Austria, Wiener Becken, *c.* 8 km NW of Bruck an der Leitha, NW of Arbesthal, S foot of the hill "Gugelberg", MTB 7966/1, 48°04'N/16°41'E, *c.* 200 m alt.

22 May 2004 leg. T. Barta, det. C. Scheuer

Distributed to: GZU, BPI, M, WSP

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81. **Puccinia punctata** Link

II, III on *Galium elongatum* K.Presl

AUSTRIA, Lower Austria, March valley, *c.* 3.5 km WNW of Marchegg, near Baumgarten an der March, W of the dike, close to the wetland area "Holzwiese", MTB 7667/3, 48°18'N/16°52'E, *c.* 140 m alt.

14 August 2004 leg. T. Barta, det. C. Scheuer

Distributed to: GZU, BPI, M, WSP, HAL, NY, LI

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82. **Puccinia recondita** Roberge ex Desm., sensu lato

0, I on *Clematis recta* L.

AUSTRIA, Lower Austria, Steinfeld, *c.* 6 km W of Wiener Neustadt, near Bad Fischau, along the railway near the station Brunn an der Schneebergbahn, MTB 8162/4, 47°49'N/16°09'E, *c.* 285 m alt.

8 June 2002 leg. T. Barta, det. C. Scheuer

Distributed to: GZU, BPI, M, WSP

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83. **Puccinia recondita** Roberge ex Desm., sensu lato

0, I on *Thalictrum minus* L.

AUSTRIA, Lower Austria, lower Thaya valley, *c.* 19.5 km E of Poysdorf, *c.* 8 km N of Hohenau an der March, SE of Bernhardsthal, near the burial grounds "Alte Grabhügel" (48°40'N/16°53'E), MTB 7367/1, *c.* 170 m alt.

11 May 2003 leg. T. Barta, det. C. Scheuer

Distributed to: GZU, BPI, M, WSP

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84. **Puccinia silai** Fuckel

Syn.: *Puccinia angelicae* (Schumach.) Fuckel s.l.
II, III on *Silaum silaus* (L.) Schinz & Thell.

AUSTRIA, Lower Austria, Wiener Becken, *c.* 7.5 km SE of Gramatneusiedl, S of Götzendorf an der Leitha, NE of Wasenbruck, MTB 8065/1, 47°59'N/16°34'E, *c.* 175 m alt.; remnants of a wet meadow.

12 July 2003 leg. T. Barta, det. C. Scheuer

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85. **Puccinia taraxaci** Plowr., sensu lato

II on *Taraxacum bessarabicum* (Hornem.) Hand.-Mazz.

AUSTRIA, Burgenland, W shore of the Neusiedler See, S of Rust, MTB 8266/1, 47°47'N/16°40'E, *c.* 115 m alt.; patchy grassland on saline soil along the edge of the *Phragmites* belt.

9 September 2004 leg. T. Barta, det. C. Scheuer

Distributed to: GZU, BPI, M, WSP, HAL, NY, LI, KL, TROM, LE, KRAM, SOMF

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86. **Pucciniastrum agrimoniae** (DC.) Tranzschel

II on *Agrimonia eupatoria* L.

AUSTRIA, Vienna, XXI. (Floridsdorf), N of Stammersdorf (48°18'N/16°24'E), MTB 7664, 190–220 m alt.

3 September 2002 leg. T. Barta, det. C. Scheuer

Distributed to: GZU, BPI, M, WSP, HAL, NY, LI, KL, TROM, LE, KRAM, SOMF

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87. **Pucciniastrum epilobii** G.H.Otth

II, III on *Epilobium* cf. *collinum* C.C.Gmel.

AUSTRIA, Lower Austria, Waldviertel, E of Gmünd, forest path NE of the pond "Pilzteich", MTB 7256/1, 48°45'N/15°00'E, *c.* 515 m alt.

11 October 2000 leg. T. Barta, det. C. Scheuer

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88. **Sporisorium montaniense** (Ellis & Holw.) Vánky

in inflorescences of *Eragrostis minor* Host

AUSTRIA, Lower Austria, March valley, *c.* 9 km ENE of Zistersdorf, 4.5 km NNW of Drösing, sandpit NE of Niederabsdorf, MTB 7467/1, 48°34'N/16°52'E, *c.* 160 m alt.

Late summer 2004 leg. T. Barta, det. P. Zwetko

Annot.: This collection of well-developed material is of special importance, because SCHOLZ & SCHOLZ (1988: 92) mentioned only a single record from Austria, without further details (also cited by ZWETKO & BLANZ 2004: 126).

SCHOLZ H. & SCHOLZ I. 1988: Die Brandpilze Deutschlands (Ustilaginales). - Englera 8, 691 pp.
ZWETKO P. & BLANZ P. 2004: Die Brandpilze Österreichs. Catalogus Florae Austriae III/3. - Biosystematics and Ecology Series 21, IV+241 pp.

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89. **Uromyces caraganae** (Thüm.) Magnus

Syn.: *Uromyces genistae-tinctoriae* (Pers.) G.Winter s.l.,
U. laburni (DC.) Fuckel
(II), III on *Colutea arborescens* L.

AUSTRIA, Lower Austria, Marchfeld, *c.* 10 km WSW of Gänserndorf, along the railway WSW of the stop Helmahof, MTB 7665/4, 48°18'N/16°35'E, *c.* 165 m alt.; planted shrubs.

Late summer – autumn 2002 leg. T. Barta, det. P. Zwetko

Distributed to: GZU, BPI, M, WSP, HAL, NY

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90. **Uromyces ficariae** (Schumach.) Lév.

III on *Ficaria calthifolia* Reichenb.

AUSTRIA, Burgenland, W shore of the Neusiedler See, E of Schützen am Gebirge, S of the settlement Seehof, MTB 8165/2, 47°51'N/16°39'E, *c.* 125 m alt.; dry grassland.

25 April 2004 leg. T. Barta, det. C. Scheuer

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91. **Uromyces genistae** Fuckel

Syn.: *Uromyces genistae*-tinctoriae (Pers.) G.Winter s.l.,
U. laburni Fuckel s.l., *U. pisi* (DC.) G.H.Otth s.l.
II on *Genista sagittalis* L.
often with parasitic *Sphaerellopsis filum* (Biv.) B.Sutton

AUSTRIA, Lower Austria, Bucklige Welt, *c.* 3 km S of Aspang-Markt, slope of the railroad line S of the station Ausschlag-Zöbern, MTB 8462/4, 47°31'N/16° 05'E, *c.* 630 m alt.

Autumn 2002 leg. T. Barta, det. P. Zwetko

Distributed to: GZU, BPI, M, WSP

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92. **Uromyces genistae-tinctoriae** (Pers.) G.Winter, sensu lato

(II), III on *Cytisus procumbens* (Waldst. & Kit. ex Willd.) Spreng.,
(Syn. *Genista procumbens* Waldst. & Kit., *Cytisus kitaibelii* Vis.)

AUSTRIA, Lower Austria, Weinviertel, *c.* 2 km N of Retz, at the E edge of the area named "Muzion", MTB 7261/2, 48°46'N/15°57'E, *c.* 295 m alt.; dry grassland.

6 July 2003 leg. T. Barta, det. P. Zwetko

Annot.: GUYOT (1957: 385) cited a record by HRUBY (1927: 164) on this host species from southern Moravia (Czech Republic).

GUYOT A.L. 1957: Les Urédinées. Tome III. Genre Uromyces. c) Espèces parasites appartenant à la famille des Légumineuses. - Paris: Éditions P. Lechevalier.
HRUBY J. 1927: Beiträge zur Pilzflora Mährens und Schlesiens. - Hedwigia 67: 150–213.

Distributed to: GZU, BPI, M, WSP, HAL, NY, LI, KL, TROM, LE

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93. **Uromyces lineolatus** (Desm.) J.Schröt.

II, III on *Bolboschoenus maritimus* agg.

AUSTRIA, Lower Austria, southern Weinviertel, between Ulrichskirchen and Wolkersdorf, along an artificial branch of the stream Rußbach, MTB 7665/1, 48°23'N/16°30'E, *c.* 175 m alt.; on silty soil.

9 October 2004 leg. T. Barta, det. C. Scheuer

Distributed to: GZU, BPI, M, WSP, HAL, NY, LI

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94. **Uromyces lineolatus** (Desm.) J.Schröt.

II, III on *Bolboschoenus maritimus* agg.

AUSTRIA, Lower Austria, southern Weinviertel, 4.5 km NNW of Wolkersdorf, E of the railway stop Schleinbach, MTB 7564/4, 48°25'N/16°29'E, *c.* 180 m alt.; on silty soil.

12 September 2003 leg. T. Barta, det. C. Scheuer

Distributed to: GZU, BPI, M, WSP, HAL

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95. **Uromyces lycoctoni** (Kalchbr.) Trotter

III on *Aconitum lycoctonum* subsp. *vulparia* (Reichenb. ex Sprengel) Nyman

AUSTRIA, Lower Austria, southern Weinviertel, *c.* 6 km NW of Wolkersdorf, between Schleinbach and the hill Glockenberg, MTB 7564/4, 48°25'N/16° 27'E, *c.* 300 m alt.; along a small stream.

27 June 2004 leg. T. Barta, det. C. Scheuer

Distributed to: GZU, BPI, M, WSP, HAL, NY, LI, KL, TROM, LE

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96. **Uromyces ornithogali** (Wallr.) Lév., sensu stricto

III on *Gagea villosa* (MB.) Duby

AUSTRIA, Vienna, XI. (Simmering), northern part of the cemetery "Zentral-friedhof", MTB 7864/2, 48°09'N/16°26'E, 170–175 m alt.

17 April 2004 leg. T. Barta, det. C. Scheuer

Distributed to: GZU, BPI, M, WSP

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97. **Uromyces ornithogali** (Wallr.) Lév., sensu stricto

III on *Gagea villosa* (MB.) Duby

AUSTRIA, Lower Austria, Steinfeld, Wiener Neustadt, cemetery, MTB 8163/3, 47°49'N/16°14'E, 265 m alt.; dry grassy spots.

27 March 2004 leg. T. Barta, det. C. Scheuer

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98. **Uromyces punctatus** J.Schröt., sensu lato

Syn.: *Uromyces pisi-sativi* (Pers.) Liro s.l.
II on *Oxytropis pilosa* (L.) DC.

AUSTRIA, Lower Austria, Weinviertel, *c.* 8.5 km ESE of Retz, Pulkau valley, vineyards N of Jetzelsdorf (48°42'N/16°03'E), MTB 7262/3, 220–230 m alt.; grassy spot among the vineyards.

September 2005 leg. T. Barta, det. P. Zwetko

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99. **Uromyces sarothamni** Guyot & Massenot

Syn.: *Uromyces genistae*-tinctoriae (Pers.) G.Winter s.l.,
Uromyces laburni Fuckel s.l., *Uromyces pisi* (DC.) G.H.Otth s.l.
II on *Cytisus scoparius* L.

AUSTRIA, Lower Austria, Marchfeld, near Strasshof an der Nordbahn, SSE of the railway stop Helmahof, MTB 7665/4, 48°18'N/16°36'E, *c.* 165 m alt.; planted shrubs.

9 December 2002 leg. T. Barta, det. P. Zwetko

Annot.: First record in Austria!

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100. **Vankya heufleri** (Fuckel) Ershad

on leaves of *Tulipa sylvestris* L.

AUSTRIA, Vienna, XV. (Rudolfsheim-Fünfhaus), near the castle Schönbrunn, Auer-Welsbach-Park, MTB 7863/2, 48°11'N/16°19'E, *c.* 190 m alt.; patchy park lawn.

4 April 2000 leg. T. Barta, det. C. Scheuer

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