

Gavril Negrean & Cvetomir M. Denchev

## New records of Bulgarian parasitic fungi

### Abstract

Negrean, G. & Denchev, C. M.: New records of Bulgarian parasitic fungi. — Fl. Medit. 10: 101-108. 2000. — ISSN 1120-4052.

Results of revision of Bulgarian parasitic fungi (*Peronosporales*, *Ascomycetes*, *Urediniomycetes*, *Ustomycetes* and mitosporic fungi) preserved in of BUCM are presented. 17 species and 45 fungus-host combinations are reported as new to Bulgaria.

### Introduction

The present contribution to Bulgarian mycota deals with a project for the investigation of parasitic fungi of Bulgarian and Romanian parts of Dobroudja, including the Black Sea coast, and the Danube Delta. The results are based on a revision of specimens in the Mycological Herbarium of the Biological Institute in București (BUCM). The revision yielded 17 species and 45 fungus-host combinations new to Bulgaria, as well as new localities of some previously published Bulgarian species. The listed materials are mainly from Dobroudja. We have also checked some materials collected from other regions of Bulgaria and deposited in the same Herbarium. The cited fungi were identified using Braun (1987, 1995, 1998), Crane & Shearer (1991), Denchev (1990), Fakirova (1991), Grivelli (1983), Sameva (1997), Vanev & al. (1993), Vánky (1994), Wilson & Henderson (1966), etc.

The new fungous and host records are asterisked in the text.

### New records

#### OOMYCOTA, PERONOSPORALES

*Albugo candida* (Pers.) Kuntze on \**Alyssum alyssoides* (L.) L.: ad Pontum Euxinum, ad Kranevo, 30.V.1924, ?T. Savulescu, fungus comm. & det. G. Negrean (BUCM 74702).

*Peronospora conglomerata* Fuckel on \**Geranium tuberosum* L.: ad Pontum Euxinum, Balgarevo, 9.V.1939, A. Borza, fungus comm. & det. G. Negrean (BUCM 70503).

\**Peronospora cristata* Tranzschel on *Papaver hybridum* L.: ad Pontum Euxinum, Kaliakra, 16.V.1936, leg. T. Săvulescu, det. G. Negrean (BUCM 70943).

*Peronospora echinospermi* (Swingle) Swingle on \**Lappula marginata* (Bieb.) Gürke: ad Pontum Euxinum, Balcik, 7.VI.1924, I. Prodan, fungus comm. & det. G. Negrean (BUCM 49874).

\**Peronospora farinosa* (Fr.) Fr. (sub *P. muralis* Gäum.) on *Chenopodium murale* L.: Dobrudža, distr. Silistra, Tutrakan, 2.VI.1930, T. Săvulescu & T. Rayss (*Herb. Mycol. Roman.* 205) (BUCM 2272).

ASCOMYCOTA, ASCOMYCETES, DOTHIDEALES

*Eudarlucacaris* (Fr.) O. Erikss., socio cum:

\**Puccinia behenis* G. H. Otth – II. Matrix: *Silene vulgaris* (Mönch) Garcke: ad Pontum Euxinum, Kavarna, IX.1914, I. C. Constantineanu, fungus comm. & det. G. Negrean (BUCM 81824).

\**Puccinia eryngii* DC. – II. Matrix: *Eryngium campestre* L.: Dobrudža, distr. Silistra, Silistra, 25.VII.1928, T. Săvulescu, fungus comm. & det. G. Negrean (BUCM 81845); 28.VIII.1928, det. Ana Hulea (BUCM 25413).

*Puccinia menthae* Pers. : Pers. – II. Matrix: \**Mentha longifolia* (L.) Hudson: Dobrudža, distr. Silistra, (?) 'Saryneba, Kanara', 30.VIII.1937, Badea & al., fungus comm. & det. G. Negrean (BUCM 87813).

\**Puccinia nigrescens* L. A. Kirchn. – III. Matrix: *Salvia verticillata* L.: ad Pontum Euxinum, Kranevo, 2.IX.1914, I. C. Constantineanu, fungus comm. & det. G. Negrean (BUCM 116721).

\**Puccinia obscura* J. Schröt. Matrix: *Luzula sylvatica* (Hudson) Gaudin subsp. *sylvatica*: M. Rila orientalis, supra pagum Sestrimo, 28.VI.1955, Z. Hinkova, fungus comm. & det. G. Negrean, ex BUCM 14 672 (BUCM 79534).

\**Puccinia pulverulenta* Grev. – II. Matrix: *Epilobium hirsutum* L.: M. Rila orientalis, supra viae-ferreae, Sestrimo, alt. 450 m, 12.VII.1956, Z. Hinkova, fungus comm. & det. G. Negrean (BUCM 117044).

\**Puccinia punctata* Link. Matrix: *G. mollugo* L.: Bulgaria boreo-orientalis, prope urbem Preslav, 9.XI.1957, leg. Z. Hinkova, det. G. Negrean (BUCM 117052).

\**Uromyces behenis* (DC.) Unger. Matrix: *Silene otites* (L.) Wibel s.l.: ad Pontum Euxinum, Kranevo, 2.IX.1914, I. C. Constantineanu, fungus comm. & det. G. Negrean (BUCM 126109).

*Uromyces behenis*. Matrix: \**Silene vulgaris* (Moench) Garcke s.l.: ad Pontum Euxinum, Kavarna, IX.1914, leg. I. C. Constantineanu, det. G. Negrean (BUCM 81824).

\**Uromyces dactylidis* G. H. Otth – II. Matrix: *Bellardiochloa violacea* (Bellardi) Chiov.: M. Rila orientalis, l. d. 'Populitza', supra pagum Sestrimo, alt. 1845 m, 1.IX.1955, Z. Hinkova, fungus comm. & det. G. Negrean (BUCM 126537).

\**Uromyces limonii* (DC.) Berk. – II. Matrix: *Limonium gmelinii* (Willd.) O. Kuntze: ad Pontum Euxinum, ad ripam rivi Ropotamo, 29.VIII.1959, Z. Hinkova, fungus comm. & det. G. Negrean (BUCM 126567).

*Uromyces striatus* J. Schröt. Matrix: \**Medicago falcata* L.: ad Pontum Euxinum, Balcik, 30.VIII.1914, I. C. Constantineanu, fungus comm. & det. G. Negrean (BUCM 126218).

\**Leptosphaeria dobrogica* Săvul. & Sandu on *Smilax excelsa* L.: ad Pontum Euxinum, Kranevo, 13.VI.1934, T. Săvulescu & C. Sandu (BUCM 26594).

\**Phaeosphaeria typharum* (Desm.) L. Holm (sub *Leptosphaeria typharum* (Desm.) P. Karst.) on *Typha angustifolia* L.: ad Pontum Euxinum, Balcik, 13.IV.1935, T. Săvulescu & C. Sandu (*Herb. Mycol. Roman. 1126*) (*BUCM 26762*).

\**Pleospora asphodeli* Rabenh. on *Asphodeline lutea* (L.) Reichenb.: ad Pontum Euxinum, Balcik, 18.IV.1931, T. Săvulescu & C. Sandu (*Herb. Mycol. Roman. 1207*) (*BUCM 28299*).

*Pleospora herbarum* (Pers. : Fr.) Rabenh. on (1) \**Eryngium maritimum* L.: ad Pontum Euxinum, Kranevo, 13.IV.1934, T. Săvulescu & C. Sandu (*BUCM 28353*); (2) \**Melilotus officinalis* (L.) Pallas: ad Pontum Euxinum, Kranevo, 13.IV.1934, T. Săvulescu & C. Sandu (*Herb. Mycol. Roman. 1208*) (*BUCM 28359*).

\**Pyrenophora teres* (Died.) Drechsler (sub *Helminthosporium teres* Sacc.) on *Hordeum vulgare* L. (sub *H. tetrastichum* Kcke.): Dobrudža, distr. Silistra, Tutrakan, 14.VI.1933, T. Săvulescu & C. Sandu (*Herb. Mycol. Roman. 644-b*).

\**Venturia geranii* (Fr.) G. Winter on *Erodium ciconium* (L.) L'Hérit.: ad Pontum Euxinum, Balcik, 24.VI.1939, A. Borza, fungus comm. & det. G. Negrean (*BUCM 70260*).

#### ERYSIPHALES

*Erysiphe betae* (Vanha) Weltzien, on \**Beta trigyna* Waldst. & Kit.: Dobrudža, distr. Silistra, Silistra, 1.VIII.1926, T. Săvulescu & C. Sandu (*BUCM 97007*).

*Erysiphe cruciferarum* Opiz ex L. Junell on \**Alyssum hirsutum* Bieb.: (1) ad Pontum Euxinum, ad marginem lacum Durankulak, 12.VI.1924, leg. I. Prodan, det. G. Negrean (*BUCM 107248*); (2) ad Pontum Euxinum, 'Bazargic', in locis graminosis in loco dicto 'la Fermă', 4.VI.1924, I. Prodan, fungus comm. & det. G. Negrean (*BUCM 107255*).

*Erysiphe cynoglossi* (Wallr.) U. Braun on \**Buglossoides sibthorpiana* (Griseb.) Czer.: ad Pontum Euxinum, Kaliakra, 3.V.1924, leg. T. Săvulescu, det. G. Negrean (*BUCM 71220*).

*Erysiphe galii* S. Blumer on \**Asperula cynanchica* L.: ad Pontum Euxinum, 'prope oppidum Bazargic', 15.IX.1921, I. Prodan, fungus comm. & det. G. Negrean (*BUCM 87806*).

\**Erysiphe orontii* Castagne on *Legousia speculum-veneris* (L.) Chaix: M. Balkan centralis, Šipčenski Prohod, 'Stanovetz', 5.VI.1969, matrix leg. N. Roman, det. GN, fungus comm. & det. G. Negrean (*BUCM 117180*).

*Erysiphe thesii* L. Junell on \**Thesium linophyllum* L.: M. Rhodope centralis, Backovo, 12.VI.1973, G. Negrean (*BUCM 95947*).

*Erysiphe trifolii* Grev. on \**Lathyrus laxiflorus* (Desf.) O. Kuntze: M. Balkan centralis, Šipčenski Prohod, in silvis, 5.VI.1969, N. Roman, fungus comm. & det. G. Negrean (*BUCM 117188*).

## HYPOCREALES

***Epichloë typhina*** (Pers. : Fr.) Tul. & C. Tul. on *\*Piptatherum virescens* (Trin.) Boiss.: Dobrudža, distr. Silistra, in silva 'Damades', 13.V.1938, C. C. Georgescu (BUCM 97148).

## LEOTIALES

**\**Leptotrochila verrucosa*** (Wallr.) Schüepp on *Crucianella angustifolia* L.: ad Pontum Euxinum, Balcik, 1.VI.1924, leg. I. Prodan, det. G. Negrean (BUCM 87819).

***Pseudopeziza trifolii*** (Biv.) Fuckel on (1) *\*Trifolium angustifolium* L.: M. Balkan orientalis, Emine, 11.VI.1973, G. Negrean (BUCM 95970); (2) *\*Trifolium scabrum* L.: M. Balkan orientalis, Emine, in silvis, 11.VI.1973, G. Negrean (BUCM 95971); (3) *\*Trifolium strictum* L.: M. Rhodope orientalis, Madan, 8.VI.1953, N. Stojanov & al., fungus comm. & det. G. Negrean (BUCM 81891).

## PHYLLACHORALES

**\**Diachora lathyri*** (Lév.) E. Müller (*Diachorella lathyri* (Fuckel) B. Sutton) on *Lathyrus pratensis* L.: M. Vitoša, supra urb. Sofia, 6.VII.1964, matrix leg. C. C. Georgescu, det. V. Sanda, fungus comm. & det. G. Negrean (BUCM 92901).

***Diachora onobrychidis*** (DC.) Müll. Arg. (*Diachorella onobrychidis* (DC.) Höhn.) on *\*Onobrychis alba* (Waldst. & Kit.) Desv.: M. Rhodope orientalis, distr. Kurdžali, Odrintzi, 22.VI.1959, Z. Hinkova, fungus comm. & det. G. Negrean (BUCM 126495).

## XYLARIALES

**\**Anthostomella contaminans*** (Dur. & Mont.) Sacc. (sub *Paranthostomella constipata* (Mont.) Sävul. & Sandu) on *Smilax excelsa* L.: ad Pontum Euxinum, Kranevo, 13.IV.1934, T. Sävulescu & C. Sandu (*Herb. Mycol. Roman. 1132*) (BUCM 27899) (IMI - fide Francis, 1975).

**\**Anthostomella smilacis*** Fabre (sub *Paranthostomella constipata* (Mont.) Sävul. & Sandu) on *Smilax excelsa* L.: ad Pontum Euxinum, Kranevo, 13.IV.1934, T. Sävulescu & C. Sandu (*Herb. Mycol. Roman. 1132*) (BUCM 27899) (K - fide Francis, 1975).

## BASIDIOMYCOTA, UREDINIOMYCETES

***Melampsora euphorbiae*** (C. Schub.) Castagne on *Euphorbia nicaeensis* All. subsp. *\*glareosa* (Pallas ex Bieb.) A. R. Sm.: ad Pontum Euxinum, Kavarna, 10.IX.1915, I. C. Constantineanu (BUCM 69297).

***Puccinia allii*** Rudolphi [sub *P. porri* (Sow.) Winter] on *Allium sativum* L. (cult.): Dobrudža, Silistra, 17.VI.1939, T. Sävulescu (*Herb. Mycol. Roman. 796*), (BUCM 12272).

***Puccinia angelicae*** (Schumach.) Fuckel on *Peucedanum arenarium* Waldst. & Kit. subsp. *arenarium*: ad Pontum Euxinum, Primorsko, 22.VIII.1969, C. C. Georgescu, fungus comm. & det. G. Negrean (BUCM 74335).

- Puccinia arenariae*** (Schumach.) G. Winter on \**Minuartia verna* (L.) Hiern. s.l.: M. Balkan centralis, Kozjata Stena, supra refugium Beklemeto, VIII.1964, matrix leg. C. C. Georgescu, det. C. Zahariadi, fungus comm. & det. G. Negrean (BUCM 93971).
- Puccinia calcitrapae*** DC. on \**Ptilostemon afer* (Jacq.) W. Greuter [*Cirsium afrum* (Jacq.) Fischer]: Balkan orientalis, Ajtos, 11.VI.1973, G. Negrean (BUCM 52766).
- Puccinia crucianellae*** Desm. – II, III on *Crucianella angustifolia* L.: ad Pontum Euxinum, Balcik, 5.VI.1924, leg. I. Prodan, det. G. Negrean (BUCM 87865).
- Puccinia helvetica*** J. Schröt. on *Asperula taurina* L. subsp. *leucanthera* (G. Beck) Hayek: M. Balkan occidentalis, M. Vracanska Planina, alt. 1100 m, VII.1913, G. Grințescu, fungus comm. & det. G. Negrean (BUCM 87881).
- Puccinia isiacae*** G. Winter on *Cardaria draba* (L.) Desv. s.l. (sub *Lepidium draba* L.): ad Pontum Euxinum, Kaliakra, 25.V.1936, T. Săvulescu (*Herb. Mycol. Roman.* 858) (BUCM 13701).
- Puccinia istriaca*** P. Syd. & Syd. on *Teucrium polium* L. subsp. *capitatum* (L.) Arcangeli: (1) Planities Thraciae, prope urbem Svilengrad, 20.VI.1959, leg. Z. Hinkova (sub *Puccinia difformis* on *Galium aparine*), det. G. Negrean (BUCM 12009); (2) ad Pontum Euxinum, Balcik, 31.VIII.1914, I. C. Constantineanu (BUCM 13715).
- Puccinia malvacearum*** Bertero ex Mont. – III on *Althaea hirsuta* L.: Vallis Strumae, boreo-occidentem versus a vico Kamenitza, 8.VI.1969, N. & S. Roman, fungus comm. & det. G. Negrean (BUCM 117181).
- Puccinia menthae*** Pers. : Pers. – II, III on *Mentha longifolia* (L.) Hudson: (1) Dobrudža, (?) ‘Sarynebe kanara’, 30.VIII.1937, Badea & al., fungus comm. & det. G. Negrean (BUCM 87912); (2) ad Pontum Euxinum, ‘Bazargic’, IX.1921, I. Prodan, fungus comm. & det. G. Negrean (BUCM 87919).
- Puccinia podospermi*** DC. – III on \**Scorzonera cana* (C. A. Meyer) O. Hoffm.: ad Pontum Euxinum, Kavarna, 31.V.1924, matrix leg. T. Săvulescu, det. G. Negrean, fungus comm. & det. G. Negrean (BUCM 86745).
- Puccinia recondita*** Roberge ex Desm. on \**Holcus lanatus* L.: M. Vitoša, 6.VIII.1964, C. C. Georgescu, fungus comm. & det. G. Negrean (BUCM 76564).
- Puccinia stipae*** Arthur on \**Thymus ?glabrescens* Willd. (sub *T. marschallianus* Willd.): ad Pontum Euxinum, Balcik, 1.V.1937, T. Săvulescu, matrix rev. G. Negrean (*Herb. Mycol. Roman.* 1003) (BUCM 16657).
- Pucciniastrum guttatum*** (J. Schröt.) Hyl., Jørst. & Nannf. on \**Galium parisiense* L.: M. Sredna Gora, Pancov Vrah, alt. cca. 1300 m, 20.VII.1951, matrix leg. N. Stojanov & B.

Achtarov, fungus comm. & det. G. Negrean, ex *BUCA 78129* (*BUCM 87953*).

*Uromyces baeumlerianus* Bubák on *Melilotus officinalis* (L.) Pallas: ad Pontum Euxinum, Kavarna, 1.IX.1914, I. C. Constantineanu (*BUCM 118219*).

*Uromyces behenis* (DC.) Unger on (1) \**Silene otites* (L.) Wibel s.l.: ad Pontum Euxinum, Kaliakra, 31.VIII.1914, I. C. Constantineanu (*BUCM 18224*); ad Pontum Euxinum, Kranevo, 2.IX.1914, I. C. Constantineanu, fungus comm. & det. G. Negrean (*BUCM 18228*); (2) *S. vulgaris* (Moench) Garcke (sub *S. inflata* Sm.): ad Pontum Euxinum, Balcik, 18.VI.1939, T. Săvulescu (*BUCM 18232*).

*Uromyces dactylidis* Otth on *Dactylis glomerata* L. s.l.: ad Pontum Euxinum, Kavarna, 10.IX.1915, I. C. Constantineanu (*BUCM 18353*).

*Uromyces limonii* (DC.) Berk. on \**Limonium vulgare* Mill. subsp. *serotinum* (Reichenb.) Gams: ad Pontum Euxinum, Sozopol, 11.VII.1906, B. Davidoff, fungus comm. & det. G. Negrean (*BUCM 117116*).

*Uromyces pisi* (DC.) Otth – II on *Lathyrus laxiflorus* (Desf.) O. Kuntze: M. Balkan centralis, Šipčenski Prohod, in silvis, 5.VII.1969, N. Roman, fungus comm & det. G. Negrean (*BUCM 117189*).

*Uromyces punctatus* J. Schröt. on (1) \**Astragalus onobrychis* L.: Regio Znepolae, M. Golo Bardo, 8.VI.1969, matrix leg. N. Roman, det. G. Negrean, fungus comm. & det. G. Negrean (*BUCM 117184*); (2) \**A. vesicarius* L. s.l.: ad Pontum Euxinum, Kaliakra, 12.VI.1924, leg. I. Prodan (sub *A. glaucus* Bieb. var. '*heterophyllus* Prodan', det. G. Negrean (*BUCM 67295*).

\**Uromyces scleranthi* Rostr. on *Minuartia viscosa* (Schreber) Schinz & Thell.: ad Pontum Euxinum, in locis saxosis prope oppidum Balcik, VI.1924, I. Prodan, fungus comm. & det. G. Negrean (*BUCM 93943*).

*Uromyces striatus* J. Schröt. on (1) *Trifolium scabrum* L.: Vallis Strumae, boreo-occidentem versus a vico Kamenitza, 8.VI.1969, N. Roman, fungus com. & det. G. Negrean (*BUCM 75052*); (2) *T. trichopterum* Pancic: M. Rhodope centralis, Backovo, 15.VIII.1963, leg. N. Doniță, det. G. Dihoru & G. Negrean, fungus comm. & det. G. Negrean (*BUCM 74361*); M. Rhodope occidentalis, Velingrad, 14.VI.1973, G. Negrean (*BUCM 95995*).

*Uromyces trifolii-repentis* Liro on *Trifolium hirtum* All.: M. Rhodope occidentalis, Velingrad, 13.VI.1973, G. Negrean (*BUCM 95996*).

*Uromyces viciae-fabae* (Pers. : Pers.) J. Schröt. [sub *U. fabae* (Pers. : Pers.) de Bary], on *Lathyrus niger* (L.) Bernh. subsp. *niger*: Dobrudža, distr. Silistra, Tutrakan, 14.VI.1933, T. Săvulescu (*BUCM 20508*).

## USTOMYCOTA, USTOMYCETES

**Entyloma ficariae** A. A. Fisch. Waldh. [sub *E. ranunculi* (Bon.) J. Schröt.] on  
\**Ranunculus sceleratus* L.: ad Pontum Euxinum, distr. Kaliakra, 2.V.1936, T. Săvulescu  
(*Herb. Mycol. Roman. 1118*) (BUCM 20977).

According to Vánky (1994) *Ranunculus sceleratus* is a host of *Entyloma ranunculi-repentis* Sternon. The later species is treated here as a synonym of *E. ficariae* because the morphometric variability of their characteristic features is continuous (Denchev 1990).

**Tilletia contraversa** J. G. Kühn on *Agropyron brandzae* Pantu & Solacu subsp. \**ciliatum*  
(Gh. Grint.) Dihoru & Negrean: ad Pontum Euxinum, Kaliakra, 10.VI.1924, I. Prodan  
(sub *A. cristatum* var. *pseudobulbosum* f. *scabrum* Prodan), fungus det. G. Negrean  
(BUCM 67782).

**Ustilago vaillantii** Tul. & C. Tul. on *Scilla bithynica* Boiss.: ad Pontum Euxinum, ad  
Kranevo, 13.IV.1934, T. Săvulescu & T. Rays (BUCM 41073).

## MITOSPORIC FUNGI

**Ampelomyces quisqualis** Ces., socio cum \**Erysiphe biocelata* on *Marrubium peregrinum*  
L.: Regio Sofiensis, Sofia, 1.VIII.1931, B. Ivanoff, fungus comm. & det. G. Negrean  
(BUCM 123772).

\***Cercospora bizzozeriana** Sacc. & Berl. on *Cardaria draba* (L.) Desv. subsp. *draba* (sub  
*Lepidium draba* L.): Dobrudža, distr. Silistra, Tutrakan, 14.VI.1933, T. Săvulescu & C.  
Sandu (BUCM 35505).

\***Cercospora punctiformis** Sacc. & Roum. on *Cynanchum acutum* L.: Dobrudža, distr.  
Silistra, Silistra, 1.VIII.1926, T. Săvulescu & C. Sandu (*Herb. Mycol. Roman. 194*)  
(BUCM 36037).

**Cercosporidium graminis** (Fuckel) Deighton (sub *Scolicotrichum graminis* Fuckel) on  
*Secale cereale* L. (cult.): ad Pontum Euxinum, 'distr. Kaliakra, Chaiir-Gjol', 2.V.1936,  
T. Săvulescu & C. Sandu (*Herb. Mycol. Roman. 1197*) (BUCM 36336).

\***Coniothyrium kochiae** Săvul. & Sandu on *Bassia prostrata* (L.) A. J. Scott [sub *Kochia*  
*prostrata* (L.) Schrader]: ad Pontum Euxinum, Balcik, 13.IV.1934, T. Săvulescu & C.  
Sandu (BUCM 30766).

**Ramularia geranii** Fuckel on \**Geranium pratense* L.: M. Rila, Vallis Sara-Gjol, 1800 m,  
8.VIII.1964, C. C. Georgescu, fungus comm. & det. G. Negrean (BUCM 70516).

\***Ramularia melampyri** Ellis & Dearn. (sub *R. melampyrina* C. Massal.) on *Melampyrum*  
*arvense* L.: Dobrudža, distr. Silistra, Tutrakan, 14.VI.1933, T. Săvulescu & C. Sandu  
(*Herb. Mycol. Roman. 634*) (BUCM 37858).

*Ramularia lamii* Fuckel (sub *R. leonuri* Sorokin) on \**Leonurus marrubiastrum* L.: Dobrudža, distr. Silistra, Tutrakan, 15.VI.1932, T. Săvulescu & C. Sandu (*Herb. Mycol. Roman.* 631) (BUCM 37807).

*Septoria cruciatae* Roberge ex Desm. on (1) *Cruciata laevipes* Opiz.: ad Pontum Euxinum, Kavarna, 10.IX.1915, I. C. Constantineanu, fungus comm. & det. G. Negrean (BUCM 116853); (2) \**Galium parisiense* L.: M. Sredna Gora, Panèov Vrah, ca. 1300 m, 20.VII.1951, N. Stojanov & B. Achtarov, fungus comm. & det. G. Negrean (BUCM 87976).

*Septoria polygonorum* Desm. on *Polygonum lapathifolium* L.: ad Pontum Euxinum, Balcic, 'Bazargic', IX.1921, I. Prodan, fungus comm. & det. G. Negrean (BUCM 93795).

*Septoria prismatocarpi* Desm. on *Legousia speculum-veneris* (L.) Chaix (sub *Specularia speculum* L.): M. Balkan centralis, Šipčenski Prohod, 'Stanovetz', 5.VI.1969, leg. S. & N. Roman, det. G. Negrean (BUCM 117183).

#### Acknowledgements

Financial support by the Bulgarian National Fund 'Scientific Research' (project B-803) is gratefully acknowledged.

#### References

- Braun, U. 1987: A monograph of the *Erysiphales* (powdery mildews). — Berlin, Stuttgart.  
 — 1995: A monograph of *Cercosporella*, *Ramularia* and allied genera (phytopathogenic *Hyphomycetes*), 1. — München.  
 — 1998: A monograph of *Cercosporella*, *Ramularia* and allied genera (phytopathogenic *Hyphomycetes*), 2. — München.  
 Crane, J. L. & Shearer, C. A. 1991: A nomenclator of *Leptosphaeria* V. Cesati & G. de Notaris. — Illinois Nat. Hist. Survey Bull. 34(3): 195-355.  
 Denchev, C. M. 1990: A taxonomical study of Bulgarian *Ustilaginales*. — Diss. for Ph. D. Degree, Sofia: Inst. Bot., Bulg. Acad. Sci. (in Bulgarian)  
 Fakirova, V. 1991: Fungi Bulgaricae, 1 (ordo *Erysiphales*). — Serdicae. (in Bulgarian)  
 Grivelli, P. G. 1983: Ueber die heterogene Ascomycetengattung *Pleospora* Rabh.: Vorschlag für eine Aufteilung. — Diss. ETH Nr. 7318, Zürich, ADAG Administration & Druck AG.  
 Sameva, E. F. 1997: *Septoria* Sacc. — P. 115-215 in: Vanev, S. (ed.), Fungi Bulgaricae, 3 (ordo *Sphaeropsidales*). — Serdicae. (in Bulgarian)  
 Vanev, S. G., Dimitrova, E. G. & Ilieva, E. I. 1993: Fungi Bulgaricae, 2 (ordo *Peronosporales*). — Serdicae. (in Bulgarian)  
 Vánky, K. 1994: European smut fungi. — Stuttgart, Jena, New York.  
 Wilson, M. & Henderson, D. M. 1966: British Rust fungi. — Cambridge.

#### Addresses of the authors:

Dr. Gavril Negrean, Herbarul micologic, Institutul de Biologie, 296, Independenței Spl., RO-79651 Bucuresti, Romania.

Dr. Cvetomir M. Denchev, Institute of Botany, Bulgarian Academy of Sciences, 23 Acad. G. Bonchev Str., BG-1113 Sofia, Bulgaria. E-mail: denchev@iph.bio.bas.bg