

# New records of Bulgarian ascomycetes

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**Abstract.** Three genera, *Lophiosphaera*, *Montagnula*, and *Trematosphaeria*, and 36 species of ascomycetes are reported for the first time from Bulgaria.

**Key words:** ascomycetes, fungal diversity, fungi of Bulgaria

## Introduction

In this paper 36 ascomycetes on various substrata and from various regions are listed as new records for Bulgaria. The following three genera are reported as new to that country: *Lophiosphaera*, *Montagnula*, and *Trematosphaeria*.

The system of the orders and families is in accordance with Kirk *et al.* (2001).

## Materials and Methods

All examined specimens are housed in the Mycological Collection of the Institute of Botany, Bulgarian Academy of Sciences (SOMF). For the identification of the fungi, herbarium dried material mounted in lactophenol after heating was observed by light microscopy.

## A list of new records

### Diaporthales Valsaceae

#### *Valsa sordida* Nitschke

On overwintered leaves of *Populus* sp. Vitosha region: Mt Vitosha, Simeonovo, 3 Sep 1989, V. Fakirova (VF) (SOMF 20 729).

#### *V. viburni* Fuckel

On overwintered leaves of *Viburnum lantana* L. Vitosha region: Mt Vitosha, Simeonovo, 26 Jun 1989, VF (SOMF 20 471).

### Hysteriales

#### Hysteriaceae

#### *Hysterium insidens* Schwein.

On overwintered woody branches. Black Sea Coast: Arkutino, 19 Jun 1995, VF (SOMF 21 732).

#### *Hysterographium flexuosum* (Schwein. : Fr.) Sacc.

On overwintered leaves of *Fagus sylvatica* L. Vitosha region: Mt Vitosha, Bistritsa, 16 Oct 1993, VF (SOMF 21 408).

#### *H. mori* (Schwein.) Rehm

On overwintered twig of *Juglans regia* L. Sofia region: Sofia, 9 May 1992, VF (SOMF 20 583).

On overwintered twig of *Salix* sp. Vitosha region: Mt Vitosha, Simeonovo, 26 Jan 1991, VF (SOMF 20 715); Mt Vitosha, Aleko hut, 8 Oct 1993, VF (SOMF 21 404).

### Microthyriales

#### Microthyriaceae

#### *Microthyrium microscopicum* Desm.

On overwintered stem of *Genista sagitalis* L. Vitosha region: Mt Vitosha, Bistritsa, 21 May 1994, VF (SOMF 21 424).

### Mycosphaerellales

#### Mycosphaerellaceae

#### *Mycosphaerella cirsii-arvensis* Petr.

On overwintered leaves of *Cirsium* sp. Rila Mts: Borovets, 29 May 1994, VF (SOMF 21 420).

### Pleosporales

#### Cucurbitariaceae

#### *Cucurbitaria rubefaciens* Petr.

On overwintered wood of *Salix* sp. Stara Planina Mts: Buhovo, 27 May 1994, VF (SOMF 21 535).

#### Leptosphaeriaceae

*Leptosphaeria typharum* (Desm.) P. Karst.

On overwintered leaves of *Typha latifolia* L. Stara Planina Mts: Yana, May 1994, VF (SOMF 21 403).

*Ophiobolus cirsii* (P. Karst.) Sacc.

On overwintered leaves of *Cirsium* sp. Vitosha region: Mt Vitosha, Simeonovo, 22 Apr 1989, VF (SOMF 20 386).

#### Lophiostomataceae

*Lophiosphaera lophospora* (Sacc. & Speg.) Corlett

On overwintered leaves of *Pteridium aquilinum* Kühn. Vitosha region: Mt Vitosha, Bistritsa, 2 Apr 1994, VF (SOMF 21 528).

*Massarina corticola* (Fuckel) L. Holm

On overwintered oak wood. Vitosha region: Mt Vitosha, Simeonovo, 8 May 1988, VF & K. Borovanska (SOMF 20 380).

#### Melanommataceae

*Melanomma fusciculatum* Sacc.

On overwintered leaves of *Sambucus racemosa* L. Vitosha region: Mt Vitosha, Zlatni Mostove, 9 Oct 1993, VF (SOMF 21 254).

*M. pulvis-pyrius* (Pers. : Fr.) Fuckel

On overwintered wood of *Viburnum lantana* L. Mt Sredna Gora: Mt Lozenska Planina, Dolni Lozen, 19 May 1991, VF (SOMF 21 418).

On overwintered wood of *Fagus sylvatica* L. Vitosha region: Mt Vitosha, Simeonovo, 18 Nov 1990, VF (SOMF 20 585).

*Trematosphaeria britzelmayriana* (Rehm) Sacc.

On overwintered leaves of *Clematis vitalba* L. Vitosha region: Mt Vitosha, Simeonovo, 3 Sep 1989, VF (SOMF 20 394).

#### Montagnulaceae

*Montagnula gilletiana* (Sacc.) Crivelli

On overwintered stem of *Fraxinus ornus* L. Mt Sredna Gora: Mt Lozenska Planina, 25 Mar 1995, VF (SOMF 21 530).

#### Phaeosphaeriaceae

*Phaeosphaeria caricinella* (P. Karst.) O. Eriksson

On overwintered leaves of *Juncus* sp. Mt Sredna Gora: Mt Lozenska Planina, Dolni Lozen, 16 May 1992, VF (SOMF 20 601).

*Ph. culmorum* (Auersw. ex Rehm) Leuchtm.

On overwintered leaves of *Carex pirinensis* Acht. Pirin Mts: Bayuvi Dupki, 19 Aug 1973, leg. P. Panov, det. VF (SOMF 21 256).

On overwintered leaves of *Carex* sp. Vitosha region: Mt Vitosha, Simeonovo, 6 Jun 1993, VF & D. Stoikov (SOMF 22 142). Mt Sredna Gora: Mt Lozenska Planina, Dolni Lozen, 19 Jun 1991, VF (SOMF 21 106).

On overwintered leaves of *Juncus* sp. Vitosha region: Mt Vitosha, Simeonovo, 20 Mar 1990, VF (SOMF 22 143). Mt Sredna Gora: Mt Lozenska Planina, Dolni Lozen, 19 Jun 1991, VF (SOMF 21 121).

*Ph. typharum* (Desm.) L. Holm

On overwintered leaves of *Typha latifolia* L. Mt Sredna Gora: Mt Lozenska Planina, Dolni Lozen, 19 Apr 1993, VF (SOMF 21 116).

#### Pleosporaceae

*Pleospora chrysozona* (Niessl) Sacc.

On overwintered leaves of *Cirsium* sp. Vitosha region: Mt Vitosha, Zheleznitsa, 2 Jan 1994, VF (SOMF 21 257).

*P. comata* Auersw. & Niessl

On overwintered leaves of *Ranunculus* sp. Vitosha region: Mt Vitosha, Simeonovo, 6 Jun 1993, VF (SOMF 21 110).

*P. cytisi* Fuckel

On overwintered leaves of *Spartium junceum* L. Valley of River Strouma: Kulata, 11 May 1994, VF (SOMF 21 395).

*P. discors* (Durieu & Mont.) Ces. & De Not.

On overwintered leaves of *Carex* sp. Vitosha region: Mt Vitosha, Simeonovo, VF & K. Borovanska (SOMF 20 389).

*P. leptosphaerulinoidea* Crivelli

On overwintered leaves of *Potentilla* sp. Mt Sredna Gora: Mt Lozenska Planina, Kokalyane, 25 Mar 1995, VF (SOMF 21 532).

*P. syringae* Fuckel

On overwintered leaves of *Syringa vulgaris* L. Mt Sredna Gora: Mt Lozenska Planina, Kokalyane, 25 Mar 1995, VF (SOMF 21 533).

*P. thurgoviana* H. Wegelin

On overwintered leaves of *Typha latifolia* L. Mt Sredna Gora: Mt Lozenska Planina, Dolni Lozen, 10 Apr 1993, VF (SOMF 21 117).

*P. tragacanthae* Rabenh.

On overwintered leaves of *Lactuca* sp. Rila Mts: Borovets, 22 Jun 1993, VF (SOMF 21 102).

*P. valesiaca* (Niessl) E. Müll.

On overwintered leaves of *Carex fuliginosa* Schkuhr. Rila Mts: Elenskite Ezera lakes, 20 Aug 1992, VF (SOMF 21 255).

**Venturiaceae***Gibbera myrtilli* (Cooke) Petr.

On *Vaccinium vitis-idaea* L. The Rhodopes: Beglika, 20 Jul 1976, VF (SOMF 13 811).

*G. vaccini* (Sowerby : Fr.) Fr.

On *Vaccinum vitis-idaea* L. Vitosha region: Mt Vitosha, Aleko hut, 11 Oct 1994, VF (SOMF 17 189).

*Venturia chlorospora* (Ces.) P. Karst.

On overwintered leaves of *Salix* sp. Vitosha region: Mt Vitosha, Bistritsa, 26 Jun 1993, VF (SOMF 21 109).

**Genera incertae sedis***Didymella asphodeli* E. Müll.

On overwintered leaves of *Asphodelus albus* Mill. Vitosha region: Mt Vitosha, between Simeonovo and Dragalevtsi, 15 May 1993, VF (SOMF 21 258).

*D. proximella* (P. Karst.) Sacc.

On overwintered stem of *Carex* sp. Mt Sredna Gora: Mt Lozenska Planina, Dolni Lozen, 1 Jul 1992, VF (SOMF 20 670).

**Sordariales****Coniochaetaceae***Coniochaeta malacotricha* (Auersw. ex Niessl) Traverso

On overwintered wood of *Pinus* sp. West Frontier Mts: Osogovo hut, 5 Jul 1974, VF (SOMF 21 265).

**Lasiosphaeriaceae***Lasiosphaeria hirsuta* (Fr.) Ces. & De Not.

On old wood of *Fagus sylvatica* L. Stara Planina Mts: Vezhen hut, 10 Sep 1997, VF (SOMF 21 528).

**Xylariales****Hyponectriaceae***Pseudomassaria sepincolaeformis* (De Not.) Arx

On overwintered leaves of *Rosa canina* L. Vitosha region: Mt Vitosha, Simeonovo, 26 Jun 1993, VF (SOMF 21 105).

**References**

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