

Book review

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Mycota (Huby). Ascomycota (Vreckaté huby). Taphrinomycetes: Taphrinales (Grmannikotvaré),
čef. Protomycetaceae, čef. Taphrinaceae.

In: Flóra Slovenska, X/2, 184 p., 2010, VEDA vydavateľstvo SAV, Bratislava, Slovakia. – ISBN 978-80-224-1096-0.

A monograph of microscopic fungi belonging to the class *Taphrinomycetes* has recently been published as the part X/2 of the Flora of Slovakia. It was prepared by the excellent expert of this group of phytopathogenic fungi K. Bacigálová. The general part of this book contains characteristics of the life cycle, morphology, symptomatology and ecology of this group of fungi. A brief history of investigation and present distribution of species belonging to families *Protomycetaceae* and *Taphrinaceae* are presented. Synoptical tables contain a survey of the fungi and their hosts and data on the distribution in Slovakia compared with the fungi's occurrence in the world.

The special part of the monograph is focused on taxonomic and chorological characteristics, host plants and the localities of different species in the phytogeographic districts of Slovakia. The monograph describes 21 species of the family *Protomycetaceae* and 36 species of the family *Taphrinaceae* parasitising on 112 host plant species belonging to 9 plant families. Nine taxa new to the Slovak mycobiota and to the Carpathian region were found. Drawings and photos complete the descriptions.

The book is written in Slovakian but provided with English keys for the identification of groups of species, and a summary.

As the first of its kind in Slovakia, the monograph provides both mycologists and phytopathologists with complex information and is a very useful handbook. It also fills the gap in the knowledge of the European mycoflora. The book inspires us to do further research into these neglected species.

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