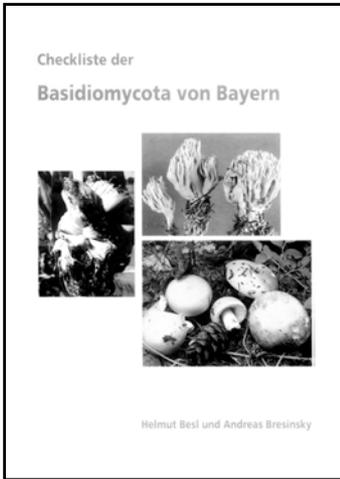


Book review



Besl H., Bresinsky A. 2009. Checkliste der Basidiomycota von Bayern (Agaricomycotina, Urediniomycotina, Ustilaginomycotina). Regensburger Mykologische Schriften, Band 16, Regensburg, 868 pp. ISSN 0944-2820.

The checklist is published as a part of the series renowned for presenting of the biodiversity of plants and fungi in Germany. The current volume offers an extended overview of the history of former studies as well as the current state of knowledge of basidiomycetous fungi in Bavaria.

Material is grouped in three main units, with the genera and species arranged alphabetically within each unit. First part of the checklist consists of phytopathogenic microfungi classified in Urediniomycotina and Ustilaginomycotina. These taxa are merged together into one list as they share basic ecological properties whereas the species belonging to Agaricomycotina are split into two groups depending on the morphological structure of their fruitbodies. The first group covers agaricoid, boletoid and cyphelloid taxa while the second one deals with aphyllorphoid, heterobasidioid and gastroid species. For each of the species, the following information is provided: correct name, synonyms, region of occurrence (defined according to the map given in the introductory chapter and often supplemented with an altitude value), some ecological data (substrate or name of the species hosting parasite) and stage of the fungus life cycle (in the case of rust fungi). The occurrence of the species is based on the references to the sources reporting it as well as on the exsiccata studied. They were facilitated mostly by fungal collections of the Botanische Staatssammlung München (M) and of the Herbarium of the University in Regensburg (REG), although other herbaria (including private ones) contributed to the checklist as well. Such professionally preparing of the checklist provides an opportunity for revision and confirmation of many literature data and guarantees reliable effect. The species of special interest are annotated with taxonomical comments and endangered taxa are given the status according to the Red List criteria.

The book offers far more than just a checklist of fungal taxa. It is a valuable contribution to the knowledge of chorology and ecology of many basidiomycetous fungi occurring in a region rich of diversified habitats.

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