

Zwackhiomyces echinulatus sp. nov. and other lichenicolous fungi from Sicily, Italy

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Abstract: BRACKEL, W. v. 2008. *Zwackhiomyces echinulatus* sp. nov. and other lichenicolous fungi from Sicily, Italy. – *Herzogia* **21**: 181–198.

During an excursion through Sicily in summer 2007, several sites of lichenological interest in the north of the island were investigated, such as the forests of Ficuzza, the Madonie, Nebrodi, and Peloritani mountains. The new species *Zwackhiomyces echinulatus*, lichenicolous on *Physconia distorta*, is described, and a list of 76 taxa is provided. New for Sicily are: *Abrothallus bertianus*, *A. caerulescens*, *A. parmeliarum*, *Acremonium rhabdosporum*, *Arthonia destruens*, *A. subfuscicola*, *Cercidospora macrospora*, *Cladosporium licheniphilum*, *Cornutispora lichenicola*, *Dactylospora parellaria*, *Echinothecium reticulatum*, *Endococcus exerrans*, *E. macrosporus*, *E. rugulosus*, *E. verrucosus*, *Intralichen lichenum*, *Lichenocoonium xanthoriae*, *Lichenopeltella ramalinae*, *Marchandiomyces aurantiacus*, *Mixtoconidium canariense*, *Muellerella atricola*, *Nectriopsis rubefaciens*, *Opegrapha rotunda*, *Paranectria oropensis*, *Phaeosporobolus alpinus*, *Phoma epiphyscia*, *Pronectria echinulata*, *P. santessonii* with its *Acremonium* anamorph, *P. xanthoriae*, *Pyrenochaeta xanthoriae*, *Roselliniella atlantica*, *Sclerococcum montagnei*, *Sphaerellothecium araneosum*, *Stigmatidium acetabuli*, *S. fuscatae*, *S. lecidellae*, *S. pumilum*, *S. tabacinae*, *Unguiculariopsis thallophila*, *Weddellomyces epicallopsisma*, and the parasitic lichen *Rinodina insularis*.

Zusammenfassung: BRACKEL, W. v. 2008. *Zwackhiomyces echinulatus* sp. nov. und andere flechtenbewohnende Pilze aus Sizilien, Italien. – *Herzogia* **21**: 181–198.

Während einer Exkursion durch Sizilien im Sommer 2007 wurden etliche lichenologisch interessante Orte im Norden der Insel besucht, so die Wälder von Ficuzza, in der Madonie, in den Monti Nebrodi und den Monti Peloritani. Die neue Art *Zwackhiomyces echinulatus*, parasitisch auf *Physconia distorta*, wird beschrieben und eine Liste von 76 Arten vorgestellt. Neu für Sizilien sind: *Abrothallus bertianus*, *A. caerulescens*, *A. parmeliarum*, *Acremonium rhabdosporum*, *Arthonia destruens*, *A. subfuscicola*, *Cercidospora macrospora*, *Cladosporium licheniphilum*, *Cornutispora lichenicola*, *Dactylospora parellaria*, *Echinothecium reticulatum*, *Endococcus exerrans*, *E. macrosporus*, *E. rugulosus*, *E. verrucosus*, *Intralichen lichenum*, *Lichenocoonium xanthoriae*, *Lichenopeltella ramalinae*, *Marchandiomyces aurantiacus*, *Mixtoconidium canariense*, *Muellerella atricola*, *Nectriopsis rubefaciens*, *Opegrapha rotunda*, *Paranectria oropensis*, *Phaeosporobolus alpinus*, *Phoma epiphyscia*, *Pronectria echinulata*, *P. santessonii* mit ihrem *Acremonium* Anamorph, *P. xanthoriae*, *Pyrenochaeta xanthoriae*, *Roselliniella atlantica*, *Sclerococcum montagnei*, *Sphaerellothecium araneosum*, *Stigmatidium acetabuli*, *S. fuscatae*, *S. lecidellae*, *S. pumilum*, *S. tabacinae*, *Unguiculariopsis thallophila*, *Weddellomyces epicallopsisma* und die parasitische Flechte *Rinodina insularis*.

Key words: Ascomycotina, Basidiomycotina, anamorphic fungi, Mediterranean, lichens.