

Gyosheva, M. & Ganeva, A. 2004. New and rare macromycetes and bryophytes from montane peat habitats in Bulgaria. – *Mycologia Balcanica* 1: 9-13.

Abstract. Data on the species diversity of macromycetes and bryophytes from montane peat habitats of three floristic regions in Bulgaria are here reported. Twelve macromycetes are new to Bulgaria: *Cortinarius sphagneti*, *C. sphagnogenus*, *Galerina paludosa*, *Hygrocybe ceracea*, *Inocybe acutella*, *I. napipes*, *Lactarius sphagneti*, *L. vietus*, *Mycena concolor*, *M. megaspora*, *Pholiota myosotis*, and *Psilocybe elongata*. Five macromycetes are rare for Bulgaria: *Arrhenia lobata*, *Cortinarius paleaceus*, *Galerina sphagnorum*, *Mycena adonis*, and *Psilocybe polytrichi*. A number of recorded macromycetes grow on Bryophyta. As regards bryophytes two are new to Rhodopi Mts and one to Rila Mts. Besides new chorological data are reported for three bryophytes. Nine macromycetes and two bryophytes, reported in this paper, are of high conservation importance.

Key words: bryophytes, Bulgaria, chorological data, macromycetes, peat habitats