

Vondrák, J. & Slavíková-Bayerová, Š. 2006. Contribution to the lichenized and lichenicolous fungi in Bulgaria. II, the genus *Caloplaca*. – Mycologia Balcanica 3: 61-69.

Abstract. An annotated list of *Caloplaca* species occurring in Bulgaria, mainly the Rhodopes, Black Sea coast, and Pirin Mountains, is provided. Based on our collections, 50 taxa are listed, of which 17 are reported for the first time from the country: *Caloplaca adriatica*, *C. albolutescens*, *C. cerinella*, *C. chrysodeta*, *C. crenulatella*, *C. erodens*, *C. flavocitrina*, *C. aff. furax*, *C. fuscoatroides*, *C. hungarica*, *C. inconnexa* var. *inconnexa*, *C. inconnexa* var. *nesodes*, *C. marmorata*, *C. obscurella*, *C. polycarpa*, *C. tirolensis*, and *C. xerica*. *C. aff. furax* is probably an undescribed taxon resembling the Mediterranean *C. furax*, but differing in particular characters.

Key words: biodiversity, Black Sea coast, *Caloplaca*, lichens, Mount Strandzha, Pirin Mountains, the Rhodopes