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Abstract. The catalogue of lichenized and lichenicolous fungi of Bulgaria is based mainly on a comprehensive compilation of published data. The lichen mycota as currently known includes 910 taxa (893 species with 6 subspecies, 10 varieties, and 1 forma) of lichenized fungi, 9 species of lichenicolous fungi, and 14 non-lichenized fungi traditionally included in lichenological literature. An index of synonyms based on literature records from Bulgaria is appended. It includes 1625 infrageneric epithets. Eighteen species are reported for Bulgaria for the first time: *Adelolecia kolaensis*, *Anaptychia runcinata*, *Arthonia calcicola*, *Bacidina chlorotricula*, *Chaenotheca subroscida*, *Cladonia klementii*, *Lecanora saligna*, *Lecidea swartzioidea*, *Lepraria rigidula*, *Lopadium pezizoideum*, *Nephroma bellum*, *Opegrapha subelevata*, *Phaeophyscia endophoenicea*, *Phlyctis argena*, *Placopyrenium tatrense*, *Rinodina mniaraea*, *R. obnascens*, and *Tuckermanopsis chlorophylla*.

Key words: biodiversity, Bulgaria, fungal diversity, lichenicolous fungi, lichenized fungi