

**Assyov, B.** 2005. New and rare Bulgarian boletes. – *Mycologia Balcanica* **2**: 75-82.

**Abstract.** The paper provides information about the first findings in Bulgaria of four rare and noteworthy taxa of *Boletus*. A new combination, *B. persicolor*, is proposed for the accommodation of *Xerocomus persicolor* into *Boletus*. *Boletus depilatus*, *B. luteocupreus*, *B. permagnificus*, and *B. persicolor* are described and illustrated. In addition a second locality in Bulgaria is reported for *B. dupainii*, which is one of the candidates for inclusion of the Appendix I of the Bern Convention. The potential conservation status of the five species is briefly discussed.

**Key words:** Basidiomycetes, Boletales, Bulgaria, fungal diversity, rare fungi