

**INFORMATION ON THE XYLOTROPHIC BASIDIAL
MUSHROOMS (BASIDIOMYCOTA) OF THE SARATOV PROVINCE AND
FUNGIVOROUS BEETLES (INSECTA: COLEOPTERA)
ASSOCIATED WITH BASIDIOMYCETES**

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Xylotrophic fungi and associated with them beetles have been studied in the Saratov region. 125 fruit bodies of xylotrophic basidiomycetes and 617 specimens fungivorous beetles were collected. As a result, the Polyporaceae family turned out to be the most diverse in the number of species among basidiomycetes. Most (79.2 %) of the collected mushrooms belong to the species *Polyporus squamosus* (Huds.), which is also the most populated (45.7 %) by fungivorous beetles species. Fungi of the species: *Fistulina hepatica* Fr., *Kuehneromyces mutabilis* (Schaeffer) Singer & A.H., were not populated with fungivorous beetles. Smith, *Pluteus petasatus* (Fr.) Gillet., *Crepidotus applanatus* (Pers.). On two species of fungi dominated the species *Dacne bipustulata*, his share on *Fomitopsis pinicola* was 87 %, and on *Polyporus squamosus* – 65 %. Among determined Coleoptera were dominated the obligate mycetophages, among which dominated myceto-saprophages

Key words: xylotrophic fungi, Basidiomycetes, fungivorous beetles, Saratov Province.

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