

Basidiomycota non gilled mushrooms in eleven municipalities in Zulia State, Venezuela.

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Abstract

During the years 1999 and 2000, one hundred twenty nine (129) samples of non-gilled fungi of different classes and order were collected in eleven municipalities in Zulia State, Venezuela: Gasteromycetes, Phragmobasidiomycetes, Teliomycetes, Hemibasidiomycetes and the Aphyllophorales order. For each fungus collected the characteristics of the pileus, porus, stipe, tubes depth, spore deposit, spore form and size, and habitat type were determined. Thirty-four genus and forty eight species were identified, the genus: *Aquascypha*, *Auricularia*, *Ceratelium*, *Cintractia*, *Coltricia*, *Cyathus*, *Fomes*, *Ganoderma*, *Hexagonia*, *Irpex*, *Laetiporus*, *Lenzite*, *Picnosporus*, *Pisolithus*, *Polyporus*, *Schizophyllum* y *Sparassis* were the most common, and for the first time Venezuela the following species were collected: *Calvatia elata*, *Cyathus olla*, *C. striatus*, *Coltricia montagnei*, *Ganoderma curtesii*, *Lenzite betulina*, *Meruliopsis taxicola*, *Phellinus chysoloma*, *P. viticola*, *Plycaturopsis crispa*, *Sparassis crispa*, *S. spathulata* and *Trametes gibbosa*.

Key words: Basidiomycota, non-gilled mushrooms, spore size, Venezuela.

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