ECOLOGY AND DISTRIBUTION OF LIGNICOLOUS FUNGI IN ALBANIA

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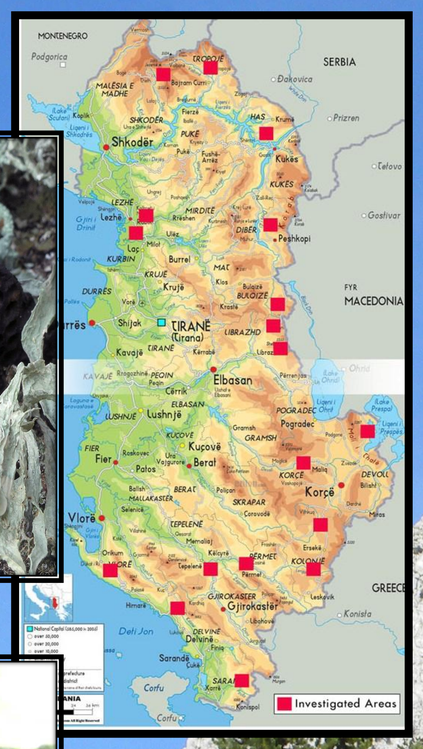
STUDIED AREA

The field study has been conducted on more than 20 localities, and for the purpose of achieving greater diversity of species, research has been done on different substrates and in different associations. The field studies have included sites with representative vegetation, comprised of meadows and pastures, deciduous and coniferous forests and specific forest stands with junipers, molika pine, Mediterranean maquis, etc.



MATERIALS AND METHODS

The sources of this paper have been exsiccates deposited in the Macedonian Collection of Fungi (MCF) at the Institute of Biology, Faculty of Natural Science, Ss Cyril and Methodius University in Skopje, papers published and research notes of the present authors. A data input has been made in a specially prepared database software, called MACFUNGI.
The determination of the species has been performed during field research and in the Mycological Laboratory within the Institute of Biology, Faculty of Natural Science and Mathematics, Skopje. For identification of species, standard methods have been applied, implying microscoping, application of reagens (Melzer reagens, Sulphovanilin, Cotton blue, KOH, etc.) and use of specialised books for identification.

RESULTS

A total number of 188 species is presented, primarily from Basidiomycota (172). There are 15 species belonging to Ascomycota and one species to Myxomycota. Some of the recorded species are rare and interesting, and the following can be highlighted : *Pyrofomes demidoffii, Antrodia juniperina, Hexagonia nitida, Tremiscus helvelloides, Amylocorticium subsulphureum, Asterodon ferruginosus,* etc.

Hexagonia nitida

Fomes fomentarius

Antrodia juniperina

Phellinus hartigii

Pyrofomes demidoffii

List of Species

Abortiporus biennis
Amphinema byssoides
Amylocortcium subsulphureum
Amylostereum chailletii
Antrodia albidoides
Antrodia juniperina
Antrodia ramentacea
Armillaria cepistipes
Armillaria mellea
Armillaria tabescens
Artomyces pyxidatus
Asterodon ferruginosus
Auricularia auricula-judae
Auricularia mesenterica
Auriscalpium vulgare
Bisporella citrina
Botryobasidium botryosum
Botryobasidium laeve
Botryobasidium subcoronatum
Byssomerulius corium
Calocera cornea
Ceriporia reticulata
Cerrena unicolor
Clavulinopsis corniculata
Collybia tuberosa
Coprinus micaceus
Corticium polygonioides
Corticium juniperophilum
Corticium meridioroseum
Corticium roseum
Crepidotus cesatii
Crepidotus lundellii
Crepidotus mollis
Crepidotus versutus
Crucibulum laeve
Cyathicula cyathoidea
Cyathus striatus
Cylindrobasidium evolvens
Dacrymyces variisporus
Daedaleopsis confragosa
Diatrype disciformis
Diatrype stigma
Dichomitus campestris
Exidia pithya
Exidia truncata
Exidiopsis calcea
Exidiopsis effusa
Fistulina hepatica
Fomes fomentarius
Fomitopsis pinicola
Funalia gallica
Galerina autumnalis
Galerina marginata
Galerina stylifera
Gloeocystidiellum luridum
Gloeocystidiellum porosum
Gloeopeniophorella convolvens
Gloeophyllum abietinum
Gloeophyllum sepiarium
Gloiothele citrina
Gymnopilus bellulus
Gymnopilus penetrans
Gymnopilus sapineus
Gymnopilus sordidostipes
Gymnosporangium clavariiforme
Hemimycena pithya
Hericium coralloides
Hericium erinaceus
Hexagonia nitida
Humaria hemisphaerica
Hymenochaete rubiginosa
Hymenoscyphus conscriptus
Hymenoscyphus imberbis
Hyphoderma argillaceum
Hyphoderma praetermissum
Hyphoderma setigerum
Hyphodermella corrugata
Hyphodontia alutaria
Hyphodontia aspera
Hyphodontia crustosa
Hyphodontia juniperi
Hyphodontia sambuci
Hypholoma capnoides
Hypholoma lateritium
Hypholoma sublateritium
Hypocrea citrina
Hypocrea rufa
Hypoxylon fragiforme
Kuehneromyces mutabilis
Laetiporus sulphureus
Lentinellus omphalodes
Lenzites betulina
Lycogala epidendron
Lycoperdon pyriforme
Marasmius bulliardii
Marasmius rotula
Megacollybia platyphylla
Merulius tremellosus
Microsphaera alphitoides
Multiclavula mucida
Mycena crocata
Mycena epipterygia
Mycena galericulata
Mycena inclinata
Mycena polygramma
Mycena renati
Mycena sanguinolenta
Mycena stipata
Mycoacia fuscoatra
Omphalotus olearius
Onnia tomentosa
Osmoporus odoratus
Panellus stipticus
Peniophora incarnata
Peniophora lycii
Peniophora meridionalis
Peniophora piceae
Peniophora pini
Peniophora proxima
Peniophora quercina
Phanerochaete sordida
Phanerochaete tuberculata
Phanerochaete velutina
Phellinus conchatus
Phellinus hartigii
Phellinus punctatus
Phellinus ribis
Phellinus robustus
Phlebia queletii
Phlebia tremellosa
Phlebiopsis gigantea
Phlebiopsis ravenelii
Pholiota cerifera
Pholiota squarrosa
Pleurotus pulmonarius
Pluteus nanus f. nanus
Pluteus thomsonii
Polyporus arcularius
Polyporus brumalis
Polyporus ciliatus
Polyporus varius
Porotheleum fimbriatum
Postia subcaesia
Postia tephroleuca
Propolis versicolor
Pseudohydnum gelatinosum
Pycnoporus cinnabarinus
Pyrofomes demidoffii
Radulomyces molaris
Resupinatus applicatus
Rhytisma acerinum
Rugosomyces ionides
Sarcoscypha coccinea
Schizophyllum commune
Schizopora paradoxa
Schizopora radula
Scopuloides hydnoides
Scopuloides rimosa
Scutellinia scutellata
Scytinostroma aluta
Scytinostroma hemidichophyticum
Sebacina grisea
Skeletocutis amorpha
Steccherinum ochraceum
Stereum hirsutum
Stereum insignitum
Stereum rugosum
Stereum sanguinolentum
Strobilurus tenacellus
Subulicystidium longisporum
Tomentella atramentaria
Tomentella bryophila
Tomentella terrestris
Trametes hirsuta
Trametes versicolor
Trechispora farinacea
Trechispora microspora
Tremiscus helvelloides
Trichaptum abietinum
Trichaptum hollii
Tubulicrinis glebulosus
Volvariella bombycina
Vuilleminia comedens
Vuilleminia coryli
Vuilleminia megalospora
Xerula radicata
Xylaria hypoxylon

Hericium coralloides

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