

**DATA CONCERNING THE MACROMYCETES FROM THE HILLOCKY REGION OF
VEȚEL LOCALITY (HUNEDOARA COUNTY, ROMANIA)**

CRISTINA CIRCO

Rezumat

Date privind macromicetele din regiunea deluroasă a localității Vețel (județul Hunedoara, România)

Lucrarea de față, reprezintă o contribuție la cunoașterea macromicetelor din zona localității Vețel din județul Hunedoara, zonă necercetată din punct de vedere micologic, până acum.

Lista sistematică alcătuită pe baza colectărilor făcute în septembrie- noiembrie, 1996, cuprinde 36 de specii, aparținând la 9 familii, comune pentru Micobionta României, dintre care *Clavariadelphus pistillaris* este citată în puține stațiuni din țară.

INTRODUCTION

Vețel is a village located in the Mureș River Valley, at 12 km from Deva. Geographical territory is placed on the high -level terrace (100 -110 m), on the hills that make the northeastern ramifications of Poiana Ruscă Mountains.

The climate in this area is temperate-continental, with warm summers, moderate humidity and not very cold winters.

The annual average temperature is among 10° C.

The annual average precipitation is 683 mm (SZASZ & TUDORICĂ).

Vețel village territory is integrated in the level of deciduous forests. The following associations constitute the fitocoenosys: *Lathyro-Hallersteinii-Carpinetum* Coldea 1975 and *Querco petraea-Fagetum* Răsmeriță 1974. Dominant species are *Quercus petraea*, *Carpinus betulus* and *Fagus sylvatica*. In the grassland *Cardamine bulbiflora*, *Helleborus purpurascens*, *Festuca drymeia*,

are the species with high frequency. On the secondary hillocks, the lawn includes *Festuca rupicola*, *Agrostis capillaris*, and *Festuca rubra*. Shrub layer contains species as *Crataegus monogyna*, *Ligustrum vulgare*, *Rosa canina*, *Cornus sanguinea*.

Cenosys have developed on brown luvic soils and pseudogleic soils on terraces.

MATERIAL AND METHODS

We collected biological material in September-November 1996, watching the autumnal aspect of Micobionta in the area. Based on this material we elaborated the systematic list of the species found and identified.

For identifying the material collected, we used scientific nomenclature and classification proposed by ELIADE EUGENIA & TOMA 1977; SĂLĂGEANU & ANIȘOARA SĂLĂGEANU 1985; VERA BONTEA 1986.

RESULTS AND DISCUSSION

There have been collected 155 mushroom specimens from 36 species. All the species we have collected are common for the Romanian Micobionta, but *Clavariadelphus pistillaris* is cited only in a few places in our country (BEREŞ & KALMAN, 1980).

Drying and injecting with sodium silicate has preserved mushrooms collected in the field.

The systematic list of species collected in the hillock area around Vețel village and some data about habitat and time of collecting are given:

BASIDIOMYCETES

Ord. Aphyllophorales

Fam. Claviaceae

Clavariadelphus pistillaris Fr.

Gs; VIII-XI.

Found in grassland, at the border of the forest. 17 X 1996.

Pterula subulata Fr.

Gs; VIII-X.

Found on the soil, among dead leaves, in forest. 5 X 1996.

Fam. Polyporaceae

Coriolus versicolor (L.: Fr.) Quel.

EPx; I-XII.

Collected from drying branches in the wood. 17 X 1996.

Coriolus pubescens (Schumm.: Fr.) Quel.

Ex-EPx; I-XII.

Collected from a wood fence, near the forest. 2 XI 1996.

Fomes fomentarius (L.: Fr.) Gill.

Ex; I-XII.

On both living and dead wood of *Fagus sylvatica*. 20 X 1996.

Laetiporus sulphureus (Bull.: Fr.) Bond.

Ex; IV-X.

Found on living wood of *Quercus robur* 20 X 1996.

Lenzites betulina (L.: Fr.) Fr.

EPx; IX-XII.

Found on drying branches. 17 X 1996.

Ord. Agaricales

Fam. Pleurotaceae

Pleurotus ostreatus (Jacq : Fr.) Kummer, var. *pulmonarius* (Fr.)

Ex-EPx; IX-XII.

Clustered on decaying roots of *Fagus sylvatica*. 2 XI 1996.

Fam. Tricholomataceae

Marasmius oreades (Bolt.: Fr.) Fr.

Gp; V-XI.

Found in grassland. 28 IX 1996

Laccaria amethystina (Bolt.: Hooker) Murr.

Gs; V-XI.

Found in the grass, at the border of the forest. 28 XI 1996

Pseudoclitocybe cyathiformis (Bolt : Hooker) Murr.

Gs-EPx: V-XI.

Solitary or in groups or small clumps, sometimes in fairy rings. 2 VI 1996

Armillaria mellea (Vahl. in Fl. Dan:Fr.) Karst.

Ex-EPx; VIII-XII.

Densely clustered or in groups; around bases of leaving or dead trees. 2 VI 1996.

Lepista nuda (Bull.: Fr.) Cook.

Gs; IX-XI.

On the soil, in the forest. 28 IX 1996.

Clitopilus prunulus (Scop.: Fr.) Kumm.

Gs; VI-X.

Grows on hillock, in the grass, with high frequency, sometime in fairy rings.

28 IX 1996.

Mucidula radicata (Rehl.:Fr.) Bours.

Gp; VI-X.

Found in forest, among dead leaves, with the stalk deep rooted in the soil. 5 V 1996.

Fam. Amanitaceae

Amanita pantherina (D. C.: Fr.) Secr.

Gm; VII-X.

On soil, in forest. 5 X 1996.

Amanita citrina (Schff.) S. F. Gray

Gm; VIII-XI.

Solitary or clustered. Common and often abundant in forests. 5 X 1996.

Fam. Agaricaceae

Agaricus campestris (L.) Fr.

Gs; V-X.

Solitary or groped, often in fairy rings; on grassy soil in lawn. 8 IX 1996.

Agaricus arvensis Schff.: Fr.

Gs; V-X.

Solitary, in open wood and grassy or shrubby places. 5 X 1996.

Leucoagaricus pudicus (Bull.) Mos.

Gs; IX-XI.

Frequent on lawns, on grassy soil. 5 X 1996

Macrolepiota procera (Scop.: Fr.) Sing.

Gs; VII-X.

Single or scattered; in lawns, pastures, or grassy areas in open woods. 28 IX 1996.

Macrolepiota rachodes (Vitt.) Sing.

Gs; VII-X.

On soil in grassy places and open woods. 28 IX 1996.

Lepiota cristata (A. et S.: Fr.) Kumm.

Gs; VII-X

On the meadow, in grassland. 28 IX 1996.

Fam. Boletaceae

Boletus purpureus Fr.

Gm; VII-IX.

On soil, in mossy places, in forest. 28 IX 1996.

Boletus aereus Bull.: Fr.

Gm; VII-X.

In the grass, at the border of the forest. 28 IX 1996.

Boletus reticulatus Schff.: Boud.

Gm; V- IX.

At the border of the forest, in grassland. 28 IX 1996.

Fam. Russulaceae

Lactarius vellereus (Fr.) Fr.

Gm; VIII- XI.

On soil , in forest. 17 X 1996.

Lactarius piperatus (L.: Fr.) S. F. Gray

Gm; VII- XI

Many specimens, at the border of the forest. 28 IX 1996.

Russula alutacea (Pers.: Fr.) em. Meltz. et Zv.

Gm; VI-IX.

In forest, on ground. 28 IX 1996.

Russula cyanoxanta (Schff.: Schw.) Fr.

Gm; VII-X.

In grassland, nearby the forest. 17 X 1996.

Russula emetica Fr.

Gm; VII-X.

Scattered to grouped, on soil and moss beds. 17 X 1996.

Russula nigricans (Bull.) Fr.

Gm; VII-XI.

On soil in forest, among dead leafes. 17 X 1996.

Russula lepida Fr.

Gm; VII-X.

Found in forest, on soil. 5 X 1996.

Rusula vesca Fr.

Gm; VII-X.

Among dead leafes, in wood. 2 XI 1996.

Russula virescens (Schff.: Zant.) Fr.

Gm; VII-IX.

On soil, in forest.

Ord. Gasteromycetales

Fam. Lycoperdaceae

Lycoperdon perlatum Pers.: Pers.

Gs; VI-XI.

Common on sandy soil. 28 IX 1996.

Abbreviations:

Epx = mycetoepixilophyta; Ex = mycetoendoxilophyta; Gm = mycetogeophyta mycorizza; Gp = mycetogeophyta parasitica; Gs = mycetogeophyta saprophytica

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Cristina Circo
The Museum of Dacian and Roman Civilisation
39, 1 Decembrie Street
Deva (Romania)