

Macrofungi from Andırın (Kahramanmaraş) District

Abdullah KAYA

Gaziantep University, Adıyaman Education Faculty, 02030 Adıyaman - TURKEY

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Abstract: Macrofungi specimens were collected from Andırın (Kahramanmaraş) district in 1998-2003. As a result of field and laboratory studies, 131 taxa belonging to 35 families in *Ascomycetes* and *Basidiomycetes* were identified. Six of them, *Hemimycena pithya* (Fr.) Dörfelt, *Macrocyttidia cucumis* (Pers.) Joss., *Mycena maculata* P.Karst., *Tricholoma magnivelare* (Peck) Redhead (*Tricholomataceae*), *Entoloma lepidissimum* (Svrcek) Noordel. (*Entolomataceae*) and *Pluteus pouzarianus* Singer var. *albus* Bonnard (*Pluteaceae*), are new records for Turkey.

Key Words: Macrofungi, Andırın (Kahramanmaraş), Turkey

Andırın (Kahramanmaraş) Yöresinde Belirlenen Makrofunguslar

Özet: Andırın (Kahramanmaraş) sınırları içinde 1998-2003 yıllarında makrofungus örnekleri toplandı. Arazi ve laboratuvar çalışmaları sonucunda, *Ascomycetes* ve *Basidiomycetes* sınıfları içinde yer alan 35 familyaya ait 131 takson belirlendi. Bunlardan 6 tanesi, *Hemimycena pithya* (Fr.) Dörfelt, *Macrocyttidia cucumis* (Pers.) Joss., *Mycena maculata* P.Karst., *Tricholoma magnivelare* (Peck) Redhead (*Tricholomataceae*), *Entoloma lepidissimum* (Svrcek) Noordel. (*Entolomataceae*) ve *Pluteus pouzarianus* Singer var. *albus* Bonnard (*Pluteaceae*), Türkiye için yeni kayıttır.

Anahtar Sözcükler: Makrofunguslar, Flora, Andırın (Kahramanmaraş), Türkiye

Introduction

Andırın is a district of Kahramanmaraş in the eastern Mediterranean region of Anatolia and is located in C5 and C6 according to Davis's grid square system. It is surrounded by Göksun (Kahramanmaraş) to the north, Kahramanmaraş to the east and Kadirli (Osmaniye) to the south and west (Figure 1).

According to Emberger's formula (Akman, 1999), the climate of the research area is Mediterranean type. The annual average temperature is 13 °C and the annual rainfall is about 1520 mm. The research area falls mainly into the Mediterranean phytogeographical sector within the holoarctic floral kingdom. The main vegetation types are forest, anthropogenic steppes and maquis. Forest areas are characterised by species of *Abies* Miller, *Cedrus* Link., *Pinus* L., *Juniperus* L., *Quercus* L., *Pistacia* L., *Salix* L., *Populus* L., *Juglans* L., *Platanus* L., *Alnus* Miller, *Fagus* L. and *Cornus* L.

This study aimed to determine the macrofungal flora of the district and to contribute to the Turkish mycobiota.

Materials and Methods

Macrofungi carpophores were collected in Andırın (Kahramanmaraş) district between 1998 and 2003. Relevant morphological and ecological characteristics of the specimens were recorded and colour slides or digital photographs of them were taken in their natural habitats. A Nikon F 601 and a Canon PowerShot G2 were used for the photography. Then the fruit bodies were taken to the laboratory and spore prints were obtained. After a microscopic investigation, they were identified using the following literature: Phillips (1981), Moser (1983), Miller & Miller (1988), Breitenbach & Kränzlin (1984-2000), Ellis & Ellis (1990), Candusso & Lanzoni (1990), Buczacki (1992), Jordan (1995), Pegler et al. (1995), Bessette et al. (1997), Cappelli (1997) and Antonin & Noordeloos (1997).

The specimens are kept in Gaziantep University, Adıyaman Education Faculty.

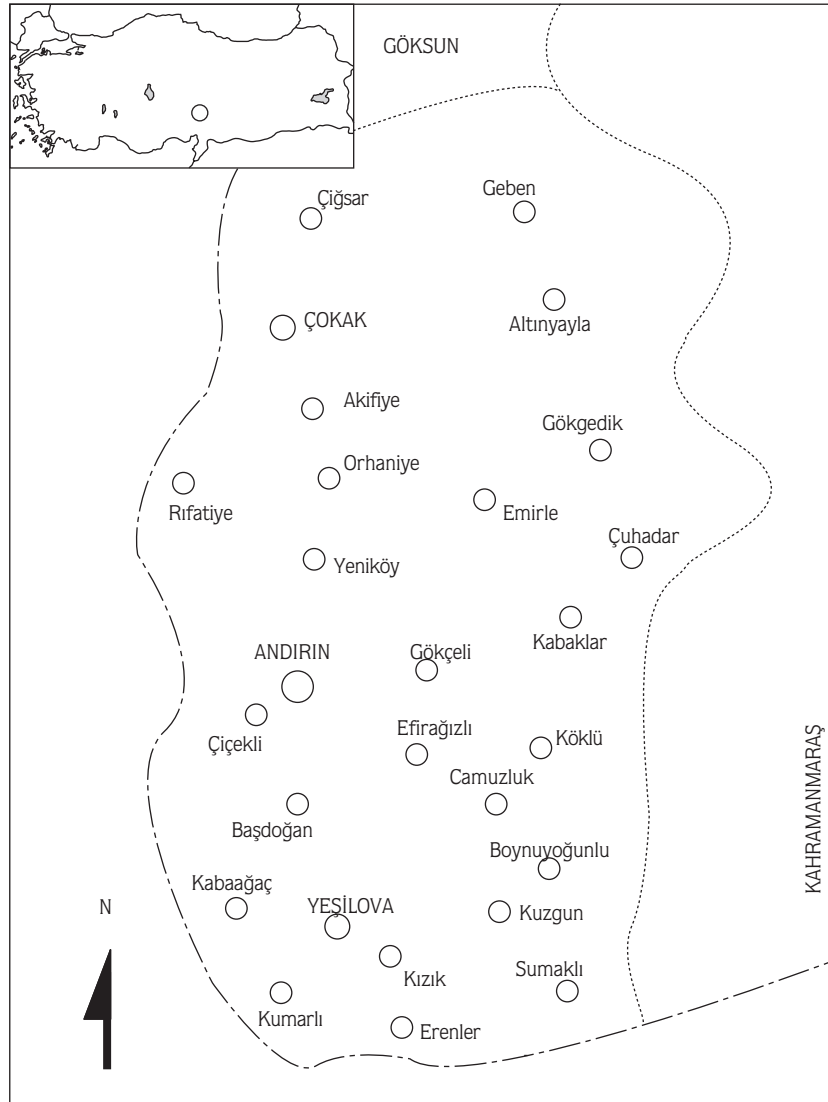


Figure 1. Macrofungi collecting sites.

Results

ASCOMYCETES

Helvellaceae

Helvella lacunosa Afzel.

Yeşilova, around water channel, 200 m, 11.03.2000, K. 977; Efirağızlı village, 650 m, 01.05.2000, K.1024; Akifiye, pine forest, 1200 m, 18.05.2002, K. 1742.

H. leucopus Pers.

Yeşilova, around water channel, 200 m, 11.03.2000, K. 978; Efirağızlı village, 650 m, 01.05.2000, K. 1022; Akifiye, in mixed forest, 1200 m, 18.05.2002, K. 1741.

Paxina acetabulum (L.) Kuntze

Kuzgun village, in pine forest, 350 m, 27.03.1999, K. 827; Beşbucak village, 250 m, 12.03.2000, K. 985; Sumaklı village, 200 m, 09.03.2001, K. 1207; Kurucaova, in pine forest, 1050 m, 18.05.2002, K. 1726.

P. leucomelas (Pers.) Kuntze

Altınoluk village, in pine forest, 500 m, 05.04.1999, K. 849; Kuzgun village, 350 m, 10.03.2001, K. 1219.

Humariaceae

Sepultaria arenosa (Fuckel) Boud.

Erenler village, in mixed forest, 200 m, 04.02.1999, K. 790.

S. sumneriana (Cooke) Masee

Kurucaova, under *Cedrus* sp., 1050 m, 05.04.1999, K. 843. Çokak village, in pine forest, 1200 m, 18.05.2002, K. 1758.

Morchellaceae

Morchella conica Pers.

Sumaklı village, in pine forest, 250 m, 09.03.2001, K. 1211.

M. elata Fr.

Yeşilova village, timber deposit area, 200 m, 26.03.1999, K. 805; Kumarlı village, in pine forest, 250 m, 11.03.2000, K. 970.

M. esculenta (L.) Pers.

Yeşilova village, timber deposit area, 200 m, 26.03.1999, K. 806; Kesim village, in mixed forest, 250 m, 30.04.2000, K. 1016.

M. rotunda (Fr.) Boud.

Efirağızlı village, in pine forest, 600 m, 07.04.1999, K. 866.

Verpa conica (O.F.Müll.) Sw.

Çokak village, in mixed forest, 1200 m, 18.05.2002, K. 1759.

Pezizaceae

Sarcosphaera crassa (Santi) Pouzar

Efirağızlı village, in pine forest, 600 m, 07.04.1999, K. 864; Kumarlı village, 250 m, 11.03.2000, K. 969; Kuzgun village, 350 m, 10.03.2001, K. 1215.

Sphaeriaceae

Xylaria carpophila (Pers.) Fr.

Hacıveliüşağı village, in mixed forest, 350 m, 31.12.1998, K. 757.

BASIDIOMYCETES

Auriculariaceae

Auricularia auricula-judae (Fr.) Quéf.

Kurucaova, timber deposit area, on dead *Quercus* stump, 1050 m, 18.05.2002, K. 1718.

A. mesenterica (Dicks.) Fr.

Kuzgun village, in pine forest, 300 m, 27.03.1999, K. 825.

Tremellaceae

Exidia truncata Fr.

Kumarlı village, on fallen *Quercus* trunk, 250 m, 03.02.1999, K. 778.

Tremella mesenterica Retz.

Geben village, on *Juniperus* sp., 1350 m, 19.05.2002, K. 1776.

Theleporaceae

Hydnellum caeruleum (Hornem.) P.Karst.

Kuzgun village, Muratlı valley, in pine forest, 350 m, 10.03.2001, K. 1222.

Sarcodon imbricatus (L.) P.Karst.

Çuhadar village, in pine forest, 700 m, 23.10.1999, K. 945.

Polyporaceae

Antrodia serialis (Fr.) Donk

Altınyayla village, Halbur, on dead conifer wood, 1400 m, 20.05.2002, K. 1803.

Cerrena unicolor (Bull.) Murrill

Beşbucak village, on *Salix* sp., 250 m, 27.03.1999, K. 811.

Funalia trogii (Berk.) Bondartsev & Singer

Azğıtkale, on *Populus* stump, 800 m, 05.04.1999, K. 855; Köleli village, 200 m, 09.03.2001, K. 1198.

Trametes hirsuta (Wulfen) Pilát

Köleli village, on dead twigs, 200 m, 09.03.2001, K. 1202.

T. pubescens (Schumach.) Pilát

Bektaşlı village, on *Populus* stump, 200 m, 02.01.1999, K. 768.

T. versicolor (L.) Lloyd

Beşbucak village, on decaying wood, 250 m, 27.03.1999, K. 814; Kuzgun village, 350 m, 27.03.1999, K. 823; Geben village, 1350 m, 19.05.2002, K. 1777.

Trichaptum abietinum (Dicks.) Ryvarden

Yeşilova town, timber deposit area, on dead pine stump, 200 m, 26.03.1999, K. 808.

Fomes fomentarius (L.: Fr.) Fr.

Erenler village, on *Salix* stump, 200 m, 04.02.1999, K. 786.

Gloeophyllum abietinum (Bull.) P.Karst.

Kumarlı village, on fallen conifer trunk, 250 m, 03.02.1999, K. 777.

Polyporus arcularius (Batsch) Fr.

Beşbucak village, in pine forest, on dead twigs, 250 m, 12.03.2000, K. 984.

P. badius (Pers.) Schwein.

Kızık village, in pine forest, 250 m, 01.11.2000, K. 1056.

P. squamosus (Huds.) Fr.

Erenler village, on *Salix* stump, 200 m, 04.02.1999, K. 791; Altınoluk village, on *Salix* stump, 500 m, 24.10.1999, K. 958.

P. elegans Bull.

Çiğsar village, on dead twigs, 1250 m, 29.10.2002, K. 1906.

Schizophyllaceae

Schizophyllum commune Fr.

Yeşilova, on *Pinus* stump, 200 m, 26.03.1999, K. 807; Kumarlı village, 250 m, 11.03.2000, K. 971; Köleli village, 200 m, 09.03.2001, K. 1195.

Ganodermataceae

Ganoderma applanatum (Pers.) Pat.

Beşbucak village, on *Quercus* sp., 250 m, 31.10.2000, K. 1050.

G. lucidum (Curtis) P.Karst.

Altınyayla village, Halbur, in pine forest, 1400 m, 19.05.2002, K. 1805.

Clavariaceae

Clavariadelphus truncatus (Qué.) Donk

Altınyayla village, in mixed forest, 1400 m, 26.10.2003, K. 2361.

Nidulariaceae

Cyathus olla (Batsch) Pers.

Kumarlı village, on *Eleagnus* stump, 250 m, 08.04.1999, K. 869; Akifiye village, in pine forest, 1200 m, 18.05.2002, K. 1750.

Geastraceae

Geastrum pectinatum Pers.

Kurucaova, in pine forest, 1000 m, 18.05.2002, K. 1727.

G. quadrifidum DC.

Kumarlı village, in pine forest, 250 m, 08.04.1999, K. 868.

G. sessile (Sowerby) Pouzar

Orhaniye village, in mixed forest, 1150 m, 02.11.2000, K. 1059.

G. vulgatum Vittad.

Altınyayla village, Halbur, in mixed forest, 1400 m, 26.10.2003, K. 2383.

Astraeaceae

Astraeus hygrometricus (Pers.) Morgan

Sarıbıyıklı village, in mixed forest, 350 m, 31.12.1998, K. 748.

Sclerodermataceae

Scleroderma verrucosum (Bull.) Pers.

Haciveliuşağı village, around *Quercus* sp., 350 m, 31.12.1998, K. 752; Çokak village, in mixed forest, 1200 m, 29.10.2002, K. 1912.

Pisolithus arhizus (Pers.) Rauschert

Sarıbıyıklı village, in mixed forest, 350 m, 31.12.1998, K. 750; Kızık village, in pine forest, 08.11.2000, K. 1053.

Lycoperdaceae

Bovista plumbea Pers.

Kesim village, in meadow, 200 m, 26.03.1999, K. 800; Çokak village, 1200 m, 18.05.2002, K. 1721; Geben, 1350 m, 19.05.2002, K. 1773.

Lycoperdon mammaeforme Pers.: Pers.

Bektaşlı village, in mixed forest, 200 m, 02.01.1999, K. 766.

L. perlatum Pers.

Altınyayla village, Halbur, in mixed forest, 1400 m, 26.10.2003, K. 2384.

L. foetidum Bonord.

Çokak village, in mixed forest, 1200 m, 29.10.2002, K. 1913.

Tulostomataceae**Tulostoma brumale** Pers.

Geben village, forest edge, among grass on sandy soil, 1350 m, 19.05.2002, K. 1772.

Rhizopogonaceae**Rhizopogon luteolus** Fr.

Kızık village, 250 m, 03.03.2001, K. 1172; Köleli village, 200 m, 09.03.2001, K. 1201; Sumaklı village, 200 m, 09.03.2001, K. 1210.

Boletaceae**Suillus luteus** (L.) Gray

Çokak village, in pine forest, 1200 m, 01.11.1998, K. 738; Kuzgun village, in pine forest, 350 m, 27.03.1999, K. 819; Kurucaova, 1050 m, 18.05.2002, K. 1720.

Xerocomus chrysenteron (Bull.) Quéf.

Başdoğan village, around *Quercus* sp. 450 m, 25.10.1999, K. 961.

X. subtomentosus (L.) Fr.

Altınyayla village, in mixed forest, 1400 m, 26.10.2003, K. 2354.

Paxillaceae**Omphalotus olearius** (DC.) Singer

Sarıbıyıklı village, on *Olea* sp., 350 m, 31.12.1998, K. 747.

Paxillus involutus (Batsch) Fr.

Kumarlı village, 250 m, 08.04.1999, K. 870; Akçakoyunlu, 02.05.2000, K. 1028.

Tapinella panuoides (Batsch) E.-J.Gilbert

Kuzgun village, in pine forest, 350 m, 27.03.1999, K. 828.

Gomphidiaceae**Chroogomphus rutilus** (Schaeff.) O.K.Mill.

Sumaklı village, in pine forest, 250 m, 09.03.2001, K. 1205.

Gomphidius gracilis Berk.

Altınyayla village, in pine forest, 1400 m, 26.10.2003, K. 2365.

G. maculatus (Scop.) Fr.

Kuzgun village, in pine forest, 350 m, 27.03.1999, K. 818; Altınyayla village, in mixed forest, 1400 m, 26.10.2003, K. 2363.

Tricholomataceae**Calocybe gambosa** (Fr.) Singer

Kurucaova, in meadow, 1000 m, 18.05.2002, K. 1722.

Clitocybe gibba (Pers.) P.Kumm.

Kuzgun village, in pine forest, 350 m, 27.03.1999, K. 817.

Collybia dryophila (Bull.) P.Kumm.

Akifiye village, in pine forest, 1200 m, 18.05.2002, K. 1736.

C. luteifolia Gillet

Kesim village, in pine forest, 200 m, 18.05.2002, K. 1725.

Hemimycena pithya (Fr.) Dörfelt

Çokak village, in pine forest, 1200 m, 18.05.2002, K. 1732.

Lepista nuda (Bull.) Cooke

Kuzgun village, in pine forest, 350 m, 27.03.1999, K. 822; Altınoluk, 500 m, 02.03.2001, K. 1169; Çokak, 1200 m, 18.05.2002, K. 1730; Geben, 1350 m, 19.05.2002, K. 1785.

L. personata (Fr.) Cooke

Beşbucak village, in pine forest, 250 m, 31.10.2000, K. 1048.

Macrocystidia cucumis (Pers.) Joss.

Altınyayla village, Halbur, in pine forest, 1400 m, 19.05.2002, K. 1797.

Marasmius oreades (Bolton) Fr.

Bektaşlı village, meadow, 200 m, 02.01.1999, K. 769; Kurucaova, 1050 m, 18.05.2002, K. 1715.

Melanoleuca excissa (Fr.) Singer

Akifiye village, in meadow, 1200 m, 18.05.2002, K. 1751; Altınyayla village, Halbur, in grass at forest edge, 1400 m, 19.05.2002, K. 1811.

Mycena crocata (Schrad.) Fr.

Çiğsar village, in mixed forest, 1250 m, 29.10.2002, K. 1905.

- M. haematopus** (Pers.) P.Kumm.
Altınyayla village, Halbur, in pine forest, 1400 m, 19.05.2002, K. 1798.
- M. leptcephala** (Pers.) Gillet
Altınyayla village, Halbur, in pine forest, 1400 m, 19.05.2002, K. 1808.
- M. maculata** P.Karst.
Altınyayla village, Halbur, in mixed forest, 1400 m, 26.10.2003, K. 2375.
- M. pura** (Pers.) P.Kumm.
Geben village, in pine forest, 1350 m, 19.05.2002, K. 1786.
- Omphalina oniscus** (Fr.) Quéf.
Geben village, in pine forest, 1350 m, 19.05.2002, K. 1790.
- Tricholoma atosquamosum** (Chevall.) Sacc.
Altınyayla village, Halbur, in mixed forest, 1400 m, 26.10.2003, K. 2385.
- T. fracticum** (Britzelm.) Kreisel
Altınyayla village, Halbur, in mixed forest, 1400 m, 26.10.2003, K. 2370.
- T. luridum** (Schaeff.) P.Kumm.
Altınyayla village, in mixed forest, 1400 m, 26.10.2003, K. 2353.
- T. magnivelare** (Peck) Redhead
Altınyayla village, Halbur, in mixed forest, 1400 m, 26.10.2003, K. 2358.
- T. scioides** (Sécr.) Martin
Altınyayla village, Halbur, in mixed forest, 1400 m, 26.10.2003, K. 2381.
- Xerula melanotricha** Dörfelt
Altınyayla village, in mixed forest, 1400 m, 26.03.2003, K. 2357.
- Xeromphalina campanella** (Batsch) Maire
Altınyayla village, Halbur, on conifer stump, 1400 m, 19.05.2002, K. 1800.
- Pleurotaceae**
Lentinus tigrinus (Bull.) Fr.
Geben village, 1350 m, 28.10.1998, K. 720;
Boğazören, 06.04.1999, K. 857; Yeşilova, on *Populus* stump, 200 m, 11.03.2000, K. 976; Akifiye, 1200 m, 18.05.2002, K. 1757.
- L. strigosus** (Schwein.) Fr.
Kurucaova, on *Quercus* stump, 1050 m, 18.05.2002, K. 1716.
- Pleurotus ostreatus** (Jacq.) P.Kumm.
Haciveliuşağı village, on *Populus* stump, 350 m, 31.12.1998, K. 753; Erenler village, 200 m, 04.02.1999, K. 788; Akifiye village, Parmaksız, 1200 m, 18.05.2002, K. 1753.
- Entolomataceae**
Entoloma lepidissimum (Svrcek) Noordel.
Altınoluk village, in mixed forest, 500 m, 05.04.1999, K. 845.
- Pluteaceae**
Pluteus cervinus P.Kumm.
Kesim village, around *Quercus* sp., 200 m, 26.03.1999, K. 795; Başdoğan village, 450 m, 25.10.1999, K. 963.
- P. pouzarianus** Singer var. **albus** Bonnard
Altınyayla village, Halbur, on conifer remains, 1400 m, 26.10.2003, K. 2374.
- P. romelli** (Britzelm.) Lapl.
Akifiye village, on *Populus* stump, 1200 m, 18.05.2002, K. 1756.
- Volvariella gloiocephala** (DC.) Boekhout & Enderle
Altınyayla village, forest edge, 1400 m, 28.10.1998, K. 724; Yeşilova village, meadow, 200 m, 11.03.2000, K. 979.
- Amanitaceae**
Amanita pantherina (DC.) Krombh.
Köklü village, in mixed forest, 450 m, 23.10.1999, K. 948.
- A. nivalis** Grev.
Kurucaova, in meadow near *Salix* sp., 1000 m, 18.05.2002, K. 1724.
- A. vaginata** (Bull.) Vittad.
Çokak village, in mixed forest, 1200 m, 01.11.1998, K. 734, Kızık village, 250 m, 25.11.2000, K. 1062.

Limacella glioderma (Fr.) Maire

Kızık village, in conifer forest, 250 m, 01.11.2000, K. 1058.

Agaricaceae**Agaricus campestris** L.

Kesim village, in pasture, 200 m, 26.03.1999, K. 802; Gökçeli village, 1100 m, 24.10.1999, K. 952; Kurucaova, 1000 m, 18.05.2002, K. 1723; Geben, 1350 m, 19.05.2002, K. 1793.

A. xanthoderma Genev. var **lepiotoides** Maire

Sarıbıyıklı village, in mixed forest, 350 m, 31.12.1998, K. 744; Kabağağ village, in mixed forest, 01.01.1999, K. 763.

Lepiotaceae**Lepiota cristata** (Bolton) P.Kumm.

Altınyayla village, Halbur, in coniferous forest, 1400 m, 26.10.2003, K. 2386.

Macrolepiota excoriata (Schaeff.) M.M.Moser

Gökgedik village, forest edge, 1250 m, 29.10.1998, K. 726.

M. procera (Scop.) Singer

Çuhadar village, in mixed forest, 700 m, 23.10.1999, K. 942.

M. olivascens M.M.Moser

Gökçeli village, in pine forest, 1200 m, 24.10.1999, K. 953.

Coprinaceae**Coprinus atramentarius** (Bull.) Fr.

Gökçeli village, in meadow, 1200 m, 29.10.1998, K. 729; Kesim village, 200 m, 26.03.1999, K. 803; Akifiye, 1200 m, 18.05.2002, K. 1755.

C. comatus (O.F.Müll.) Gray

Erenler village, pasture, 200 m, 04.02.1999, K. 787; Çuhadar village, 700 m, 23.10.1999, K. 944.

C. disseminatus (Pers.) Gray

Camuzluk village, around waterway, 400 m, 06.04.1999, K. 861; Kuzgun village, in mixed forest, 350 m, 09.03.2001, K. 1226.

C. micaceus (Bull.) Fr.

Gökçeli village, on *Populus* sp., 1050 m, 29.10.1998,

K. 730; Beşbucak village, 250 m, 27.03.1999, K. 812; Camuzluk village, 400 m, 06.04.1999, K. 859.

C. niveus (Pers.) Fr.

Kesim village, on cow dung, 200 m, 25.03.1999, K. 796; Çokak, 1200 m, 18.05.2002, K. 1760.

C. picaceus (Bull.) Gray.

Sarıbıyıklı village, under *Quercus* sp., 350 m, 02.03.2001, K. 1168.

C. plicatilis (Curtis) Fr..

Geben village, in grass, 1350 m, 19.05.2002, K. 1794.

Psathyrella candolleana (Fr.) Maire

Yeşilova village, in garden, on dead wood, 200 m, 11.03.2000, K. 975.

Panaeolus campanulatus (L.) Quéf.

Kurucaova, in grass, 1050 m, 18.05.2002, K. 1767.

Bolbitiaceae**Agrocybe cylindracea** (DC.) Gillet

Geben village, on *Populus* sp., 1350 m, 28.10.1998, K. 722; Kesim village, 200 m, 31.12.1998, K. 745.

A. dura (Bolton) Singer

Erenler village, in meadow, 200 m, 04.02.1999, K. 783.

Bolbitius vitellinus (Pers.) Fr.

Kurucaova, on wood remains, 1050 m, 18.05.2002, K. 1722.

Conocybe lactea (J.E.Lange) Métrod

Köleli village, in pasture, 200 m, 09.03.2001, K. 1194,

Strophariaceae**Hypholoma fasciculare** (Huds.) Quéf.

Efirağızlı village, on dead branches, 600 m, 01.05.2000, K. 1021.

Pholiota limonella (Peck.) Sacc.

Altınyayla village, Halbur, on dead conifer stump, 1400 m, 19.05.2002, K. 1804.

P. lubrica (Pers.) Singer

Kuzgun village, Muratlı, in pine forest, 300 m, 10.03.2001, K. 1218.

P. squarrosa (Weigel) P.Kumm.

Başdoğan village, on the base of *Quercus* sp., 450 m, 25.10.1999, K. 965.

Stropharia coronilla (Bull.) Fr.

Erenler village, 200 m, 04.02.1999, K. 789; Camuzluk village, 400 m, 06.04.1999, K. 860.

S. semiglobata (Batsch) Quéf.

Akifiye village, in pine forest, 1200 m, 18.05.2002, K. 1748.

Tubaria conspersa (Pers.) Fayod

Akifiye village, in pine forest, 1200 m, 18.05.2002, K. 1734.

Crepidotaceae

Crepidotus lundelli Pilát

Başdoğan village, on *Quercus* stump, 450 m, 25.10.1999, K. 966.

Russulaceae

Lactarius deliciosus (L.) Gray

Çokak village, in pine forest, 1200 m, 01.11.1998, K. 736.

L. salmonicolor R.Heim & Leclair

Kabaklar village, in pine forest, 23.10.1999, K. 946; Altınyayla village, in mixed forest, 1400 m, 26.10.2003, K. 2359.

Russula sardonias Fr.

Orhaniye village, in mixed forest, 1150 m, 02.11.2000, K. 1060.

R. turci Bres.

Orhaniye village, in mixed forest, 1150 m, 02.11.2000, K. 1062.

Cortinariaceae

Hebeloma sinapizans (Fr.) Sacc.

Altınoluk village, in mixed forest, 500 m, 24.10.1999, K. 957.

H. crustuliniforme (Bull.) Quéf.

Çiğsar village, in mixed forest, 1250 m, 29.10.2002, K. 1910.

Inocybe cookei Bres.

Altınyayla village, Halbur, in pine forest, 1400 m, 19.05.2002, K. 1809.

I. fastigiata (Schaeff.) Quéf.

Çokak village, in pine forest, 1200 m, 01.11.1998, K. 735.

I. geophylla (Sowerby) P.Kumm. var. **geophylla** (Sowerby) P.Kumm.

Geben village, in pine forest, 1350 m, 19.05.2002, K. 1787.

I. geophylla (Sowerby) P.Kumm. var. **lilacina** Gillet

Altınyayla village, in mixed forest, 1400 m, 26.10.2003, K. 2355.

Discussion

In this study, 131 macrofungi taxa, in 35 families and 77 genera, were identified. Thirteen of them belong to *Ascomycetes* and 118 to *Basidiomycetes*. When compared, the macrofungi of Andırın were found to have similarities with the findings of studies carried out in neighbouring regions (Işıloğlu and Öder, 1995; Işıloğlu, 1997; Öztürk et al., 2003; Kaya et al., 2004; Kaya, 2005). This may be because of the similarity between the habitats.

Forty-nine of the 131 taxa are edible, but only *Agaricus campestris*, *Pleurotus ostreatus*, *Bovista plumbea* and *Tricholoma magnivelare*, were found to be eaten by local people. It was also found that the fruit bodies of *T. magnivelare* were collected and sold by some villagers.

Fourteen percent % (18 species) of the taxa are poisonous and 49% (64 species) are inedible but none of them are known by the local people. No poisoning incidents were recorded from the area.

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