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Macromycetes of Kahramanmaraş Province (Turkey)

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Abstract —This study was based on the macrofungi specimens collected from Kahramanmaraş province of Turkey between 1999-2007 and 312 taxa were identified. Including the 25 taxa, reported before, a list of 337 taxa belonging to 134 genera of 57 families have been compiled. Seven taxa are new records for the macromycota of Turkey.

Key words — biodiversity, mushrooms

Introduction

Kahramanmaraş is the eleventh largest province of Turkey with a surface area of 14346 km². The province is located at the intersection of Mediterranean, Central Anatolian and East Anatolian regions and in squares B6 & C6 according to Davis' grid square system (Davis 1965). The geographical structure is composed mainly of the western foothills of the South Eastern Taurus Mountains and the valleys among them. The area has a Mediterranean climate according to Emberger's formula (Akman 1999) and falls in the Mediterranean and Irano-Turanian phytogeographical sectors within the holarctic floral kingdom. The river Ceyhan, which arises in Kahramanmaraş and passes throughout the province, and the dams constructed on it are among the important hydrologic factors affecting the climate. Three main vegetation types can be distinguished in the study area. In altitude from 200 to 600 meters, maquis vegetation containing of the evergreen shrubs is developed. Depending on local climatic conditions, altitude and direction, forest vegetation occupies different zones from 400 to 1600 m. Steppe vegetation is dominant in plateaus (1000–1300 m) and hills above the timberline (1600 m).

Although taxonomic studies on Turkish macromycota have a history of about 90–100 years, substantial increase in the number of macrofungal contributions have been performed especially in last three decades and some checklists were published (Sesli & Denchev 2005, Afyon et al. 2005, Solak et al. 2007). To date Kaya (2006) has carried out a local taxonomic study in Andırın district of Kahramanmaraş and some new records were given by Kaya et al. (2008). The current

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study was based on macrofungi specimens collected from the rest of the province together with the previously studied district, and aims to determine the macromycota of the region and provide more data on the macrofungi of Turkey.

Materials and Methods

The macrofungi samples were collected from 116 localities in Kahramanmaraş province of Turkey for a period of 9 years between 1999 and 2007. During field studies, macroscopic characteristics and field parameters of the specimens were recorded and color photographs were taken. Carrying them to the herbarium, macroscopic and microscopic investigations and micro-chemical reactions were carried out. Identification of the specimens was performed according to the relevant literature (Phillips 1981, Moser 1983, Miller & Miller 1988, Breitenbach & Kränzlin 1984–2005, Candusso & Lanzoni 1990, Buczacki 1992, Jordan 1995, Pegler et al. 1995, Bessette et al. 1997, Cappelli 1997, Antonín & Noordeloos 1997). The samples are deposited at Adıyaman University Education Faculty Adıyaman, Turkey.

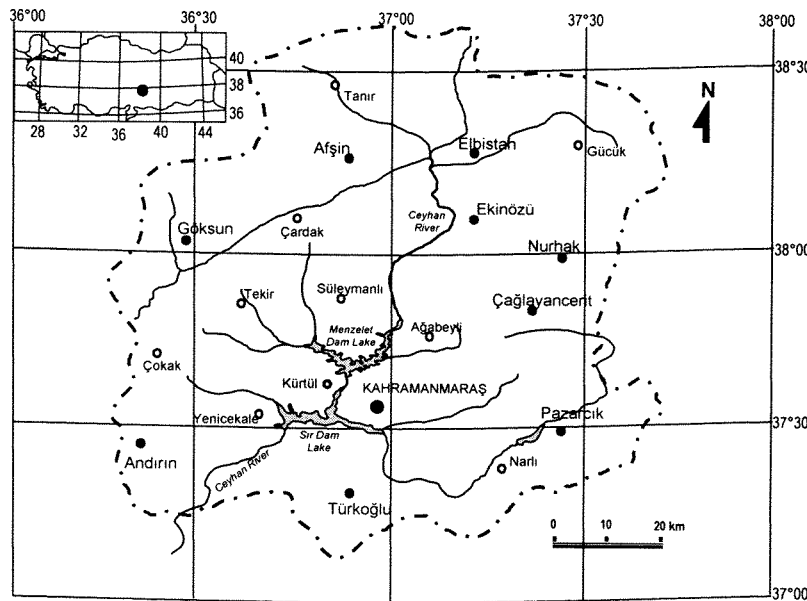


Fig 1. Map of the sampling area

Results

As a result of a 9-year investigation, 312 taxa were identified. The taxa are listed in alphabetical order. The systematics of the taxa are in accordance with Cannon & Kirk (2007), Kirk et al. (2008) and Index fungorum (www.speciesfungorum.org; accessed). For each taxon, habitat, collection date, locality and accession numbers (K) are given. The 25 taxa, found in the province and reported before (Kaya 2006), were also added to the list together with their references. Consequently, the checklist contains 337 taxa belonging to 134 genera and 57 families. Taxa reported for the first time from Turkey are marked by an asterisk (*).

Fungi

Ascomycota

Helotiales

Helotiaceae

1. *Hymenoscyphus epiphyllus* (Pers.) Kauffman: On dead *Quercus* sp. twigs, 11.11.2006, locality 71, K: 3941.

Sclerotiniaceae

2. *Ciboria rufofusca* (O. Weberb.) Sacc.: On *Abies* sp. cone remains, 07.05.2005, locality 61, K: 2693.

Pezizales

Caloscyphaceae

3. *Caloscypha fulgens* (Pers.) Boud.: In needle litter under *Abies* sp., 15.04.2006, locality 41, K: 3567; 19.05.2007, locality 66, 4674.

Discinaceae

4. *Discina ancilis* (Pers.) Sacc.: On rotting wood of *Pinus nigra*, 19.05.2002, locality 11, K: 1789.

Helvellaceae

5. *Helvella acetabulum* (L.) Quéf.: In *Pinus brutia* forest, 08.04.1999, locality 62, K: 871; on sandy soil on flood plain, 09.04.2006, locality 50, K: 3530; 06.05.2007, locality 76, K: 4591.
6. *Helvella costifera* Nannf.: In *Pinus brutia* forest, 08.04.2006, locality 38, K: 3500.
7. *Helvella crispa* (Scop.) Fr.: Under *Crataegus* sp., 19.03.2006, locality 44, K: 3450.
8. *Helvella fibrosa* (Wallr.) Korf: Among grass under *Populus* sp., 11.11.2006, locality 43, K: 3996.
9. *Helvella lacunosa* Afzel.: In *Pinus brutia* forest, 20.04.2003, locality 103, K: 2038; 08.04.2006, locality 38, K: 3501; among grass, 09.04.2006, locality 50, K: 3527; under poplar, 13.05.2006, locality 100, K: 3770.
10. *Helvella leucomelaena* (Pers.) Nannf.: In *Pinus brutia* forest, 29.04.2002, locality, 102, K: 1708; 21.04.2003, locality 106, K: 2054; 08.04.2006, locality 38, K: 3492; 08.04.2006, locality 116, K: 3511; 16.04.2006, locality 58, K: 3576; 24.03.2007, locality 28, K: 4376; In *Pinus brutia* forest, 22.04.2007, locality 39, K: 4501.
11. *Helvella leucopus* Pers.: Among grass under *Populus* sp., 29.04.2002, locality, 94, K: 1707; 08.04.2006, locality 38, K: 3496; 09.04.2006, locality 50, K: 3527; 15.04.2006, locality 58, K: 3555.

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12. *Helvella queletii* Bres.: On sandy loamy soil, 29.04.2002, locality 94, K: 1706; under poplar, 19.05.2007, locality 72, K: 4682.

Morchellaceae

13. *Mitrophora semilibera* (DC.) Lév.: Among grass under poplar, 15.04.2006, locality 24, K: 3549; 23.04.2006, locality 78, K: 3648; 14.04.2007, locality 42, K: 4460.
14. *Morchella deliciosa* Fr.: In grass on flood plain, 29.04.2002, locality, 94, K: 1705; 23.04.2006, locality 81, K: 3645; 14.04.2007, locality 47, K: 4462.
15. *Morchella elata* Fr.: On flood plain, 29.04.2002, locality 93, K: 1714; wood storage place, 23.04.2006, locality 82, K: 3650.
16. *Morchella rigida* (Krombh.) Boud.: On flood plain, 09.04.2006, locality 50, K: 3538.
17. *Morchella vulgaris* Pers.: On sandy ground under poplar, 23.04.2006, locality 81, K: 3644.
18. *Verpa conica* (O.F. Müll.) Sw.: Among herbs, 20.04.2003, locality 103, K: 2040; 09.04.2006, locality 50, K: 3526.

Pezizaceae

19. *Peziza arvernensis* Boud.: among leaf litter under *Quercus* sp., 14.04.2007, locality 27, K: 4406.
20. *Sarcosphaera crassa* (Santi) Pouzar: In *Pinus brutia* forest, 11.03.2006, locality 54, K: 3447; 07.04.2007, locality 102, K: 4385; 22.04.2007, locality 51, K: 4506.

Pyronemataceae

21. *Geopora arenicola* (Lév.) Kers: On sandy soil under *Populus* sp., 22.04.2006, locality 90, K: 3612.
22. *Geopora sumneriana* (Cooke) M. Torre: Under *Cedrus* sp., 16.04.2006, locality 58, K: 3585; 19.05.2007, locality 67, K: 4675.
23. *Tarzetta catinus* (Holmsk) Korf & J.K. Rogers: In *Pinus brutia* forest, 15.04.2007, locality 35, K: 4469.

Tuberaceae

24. *Tuber borchii* Vittad.: Under *Populus* sp., 06.05.2006, locality 24, K: 3675.

Xylariales

Xylariaceae

25. *Xylaria carpophila* (Pers.) Fr.: (Kaya 2006).

Basidiomycota

Agaricales

Agaricaceae

26. *Agaricus arvensis* Schaeff.: Meadow, 07.05.2005, locality 19, K: 2728.
27. *Agaricus campestris* L.: In pasture, 29.04.2002, locality 110, K: 1711; In meadow, 21.04.2007, locality 2, K: 4481.
28. *Agaricus cupreobrunneus* (Jul. Schäff. & Steer ex F.H. Møller) Pilát: Among grass, 12.11.2006, locality 44, K: 4023.
29. *Agaricus macrocarpus* (F.H. Møller) F.H. Møller: Meadow, 07.05.2005, locality 19, K: 2726.
30. *Agaricus praeclaresquamosus* var *praeclaresquamosus* A.E. Freeman: Among needle litter in *Abies* sp. forest, 12.11.2005, locality 61, K: 3095.
31. *Agaricus silvaticus* Schaeff.: Among needle litter in *Abies* sp. forest, 12.11.2005, locality 17, K: 3105.
32. *Agaricus silvicola* (Vittad.) Peck: Meadow, 28.05.2006, locality 17, K: 3799b.
33. *Agaricus xanthodermus* Genev.: Meadow, 28.05.2006, locality 17, K: 3799.

34. *Bovista plumbea* Pers.: In pasture, 29.04.2002, locality, 109, K: 1701; 08.04.2006, locality 46, K: 3507; 12.05.2007, locality 58, K: 4614.
35. *Coprinus comatus* (O.F. Müll.) Pers.: In grass, 30.04.2000, locality 60, K: 1020; 01.11.2003, locality 102, K: 2431; 23.10.2005, locality 4, K: 2872; 30.10.2005, locality 57, K: 2921.
36. *Crucibulum laeve* (Huds.) Kambly: On dead *Populus* sp. twigs, 30.10.2005, locality 57, K: 2919.
37. *Cyathus olla* (Batsch) Pers.: On plant remains in pine forest, 28.04.2003, locality 92, K: 2138; 12.11.2006, locality 44, K: 4016.
38. *Cystoderma carcharias* (Pers.) Fayod: On needle litter in *Pinus brutia* forest, 10.12.2005, locality 115, K: 3373.
39. *Cystoderma cinnabarinum* (Alb. & Schwein.) Fayod: On soil among moss in *Pinus brutia* forest, 26.11.2005, locality 38, K: 3262.
40. *Lepiota boudieri* Bres.: Among needle litter in mixed conifer forest, 04.11.2007, locality 21, K: 4774.
41. *Lepiota castanea* Quél.: Among needle litter in mixed conifer forest, 04.11.2007, locality 21, K: 4767.
42. *Lepiota clypeolaria* (Bull.) P. Kumm.: On damp soil among leaf litter in mixed forest, 08.12.2007, locality 7, K: 5085.
43. *Lepiota cristata* (Bolton) P. Kumm.: Among herbs on sandy soil in river bank, 19.11.2005, locality 68, K: 3183.
44. *Lepiota griseovirens* Maire: On loamy soil in *Pinus brutia* forest, 12.11.2006, locality 44, K: 4040.
45. *Lepiota ignivolvata* Bousset & Joss. ex Joss.: Among leaf litter in *Pinus brutia* forest, locality 55, K: 4082.
46. **Lepiota kuehneri* Huijsman: Under *Abies* sp., 20.11.2004, locality 61, K: 2570.
47. *Lepiota magnispora* Murrill: In *Pinus brutia* forest, 12.11.2005, locality 102, K: 3025.
48. **Lepiota roseifolia* Murrill: In grass near *Quercus* sp., 05.11.2005, locality 14, K: 2951.
49. *Lepiota subgracilis* Wasser: Among needle litter in mixed conifer forest, 12.11.2005, locality 19, K: 3101.
50. *Leucoagaricus leucothites* Wasser: In grass at *Pinus brutia* forest edge, 15.11.2006, locality 58, K: 3850; 18.11.2006, locality 37, K: 4088.
51. *Calvatia gigantea* (Batsch) Lloyd: Among grass in *Pinus brutia* forest clearing, 16.04.2006, locality 58, K: 3573.
52. *Lycoperdon mammaeforme* Pers.: Among leaf litter under *Quercus* sp., 25.11.2007, locality 30, K: 5070.
53. *Lycoperdon molle* Pers.: In *Pinus brutia* forest, 24.11.2007, locality 111, K: 5014.
54. *Lycoperdon perlatum* Pers.: In *Pinus brutia* forest, 17.11.2007, locality 45, K: 4914.
55. *Lycoperdon pyriforme* Schaeff.: On buried remains of *Quercus* sp., 13.11.2005, locality 13, K: 3121; on rotten pine wood, 25.11.2007, locality 54, K: 4219.
56. *Macrolepiota excoriata* (Schaeff.) M.M. Moser: In *Pinus brutia* forest, 01.11.2003, locality 102, K: 2429; 10.12.2005, locality 38, K: 3337.
57. *Macrolepiota konradii* (Huijsman ex P.D. Orton) M.M. Moser: Among leaf litter in *Pinus brutia* forest clearing, 12.11.2006, locality 55, K: 4071.
58. *Macrolepiota mastoidea* (Fr.) Singer: On soil among herbs in forest clearing, 12.11.2006, locality 55, K: 4085.
59. *Macrolepiota olivascens* M.M. Moser: (Kaya 2006).

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60. *Macrolepiota procera* (Scop.) Singer: In *Pinus brutia* forest, 18.11.2006, locality 25, K: 4147.
61. *Tulostoma brumale* Pers: Among grass in *Pinus brutia* forest clearing, 20.05.2006, locality 26, K: 3781.
62. *Vascellum pratense* (Pers.) Kreisel: In grass among *Quercus* sp., 11.11.2006, locality 71, K: 3949.

Amanitaceae

63. *Amanita nivalis* Grev.: On soil in mixed wood, 12.11.2006, locality 55, K: 4077.
64. *Amanita ovoidea* (Bull.) Link: On soil in mixed wood, 25.11.2006, locality 54, K: 4206.
65. *Amanita pantherina* (DC.) Krombh.: (Kaya 2006).
66. *Amanita vaginata* var *alba* Gillet: (Kaya 2006).
67. *Limacella illinita* (Fr.) Maire: In *Pinus brutia* forest, 18.11.2006, locality 25, K: 4143.

Bolbitiaceae

68. *Bolbitius vitellinus* (Pers.) Fr. On decomposing remains of grasses, 21.04.2003, locality 99, K: 2045.
69. *Conocybe albipes* Hauskn.: In manured grass, 30.04.2000, locality 60, K: 1017; 19.03.2006, locality 44, K: 3452; 22.04.2007, locality 51, K: 4514.
70. *Conocybe aporos* Kits van Wav.: On damp soil among leaf litter, 23.10.2005, locality 6, K: 2881.
71. *Conocybe arrhenii* (Fr.) Kits van Wav.: On nutrient rich soil in woody debris, 30.10.2005, locality 57, K: 2912.
72. *Conocybe tenera* (Schaeff.) Fayod: In grass, 14.05.2006, locality 91, K: 3778; 06.05.2007, locality 80, K: 4599.
73. *Conocybe vestia* (Fr. in Quél.) Kühner: On nutrient rich soil in grass, 14.04.2007, locality 33, K: 4413.
74. *Galeropsis lateritia* (Watling) G. Moreno, Heykoop & Illana: Among grass on flood plain, 26.11.2005, locality 38, K: 3237.
75. *Panaeolus ater* (J.E. Lange) Kühner & Romagn.: In manured grass, 15.04.2006, locality 41, K: 3565.
76. *Panaeolus campanulatus* (L.) Quél.: (Kaya 2006).
77. *Panaeolus fimicola* (Pers.) Gillet: In manured grass, 14.04.2007, locality 23, K: 4431.
78. *Panaeolus olivaceus* F.H. Møller: On manured soil among grass, 23.04.2006, locality 81, K: 3635.
79. *Panaeolus papilionaceus* (Bull.) Quél.: On decaying horse manure under poplar, 12.05.2007, locality 50, K: 4601.
80. *Panaeolus sphinctrinus* (Fr.) Quél.: On manured soil, 13.05.2006, locality 69, K: 3763.

Cortinariaceae

81. *Cortinarius elegantior* (Fr.) Fr: In *Abies-Pinus* forest, 26.10.2003, locality 9, K: 2374.
82. *Cortinarius infractus* Berk.: On soil near *Pinus nigra*, 26.10.2003, locality, 9, K: 2371.
83. *Cortinarius opimus* Fr.: On soil in mixed forest, 26.10.2003, locality, 9, K: 2380.
84. *Cortinarius triumphans* Fr.: Among needle litter in mixed conifer forest, 12.11.2005, locality 61, K: 3071.

Crepidotaceae

85. *Crepidotus lundelli* Pilát: (Kaya 2006).
86. *Crepidotus variabilis* (Pers.) P. Kumm.: On *Quercus* sp. wood, 11.11.2006, locality 71, K: 3948.

Cyphellaceae

87. *Chondrostereum purpureum* (Pers.) Pouzar: On *Populus* sp. stump, 30.10.2005, locality 57, K: 2916; 11.11.2006, locality 73, K: 3970.

Entolomataceae

88. *Entoloma hebes* (Romagn.) Trimbach: In grass in *Pinus brutia* forest clearing, 24.11.2007, locality 114, K: 4996.
89. *Entoloma hirtipes* (Schumach.) M.M. Moser: On rotting bark of *Quercus* sp., 11.11.2006, locality 71, K: 3938.
90. *Entoloma lepidissimum* (Svrček) Noordel.: (Kaya 2006).
91. *Entoloma roseum* (Longyear) Hesler: Among grass in *Pinus brutia* forest clearing, 10.12.2005, locality 38, K: 3350.
92. *Entoloma rusticoides* (Gillet) Noordel.: On soil in *Pinus brutia* forest, 12.11.2006, locality 44, K: 4010.
93. *Entoloma sericeoides* (J.E. Lange) Noordel.: In meadow, 10.12.2005, locality 115, K: 3355.
94. *Entoloma sericeum* (Bull.) Quél.: In grass, 02.01.1999, locality 60, K: 771; In meadow, 10.12.2005, locality 115, K: 3356.
95. *Rhodocybe popinalis* (Fr.) Singer: On soil among grass in *Pinus brutia* forest, 10.12.2005, locality 38, K: 3332.

Hydnangiaceae

96. *Laccaria amethystina* Cooke: On soil under *Populus* sp., 30.10.2005, locality 57, K: 2938.
97. *Laccaria laccata* (Scop.) Cooke: Among mosses under *Populus* sp., 30.10.2005, locality 57, K: 2915.

Hygrophoraceae

98. *Ampulloclitocybe clavipes* (Pers.) Redhead, Lutzoni, Moncalvo & Vilgalys: Among needle litter in *Pinus brutia* forest, 05.11.2005, locality 13, K: 2983.
99. *Hygrocybe miniata* (Fr.) P. Kumm.: Among needle litter in mixed conifer forest, 12.11.2005, locality, 61, K: 3080.
100. *Hygrophorus camarophyllus* (Alb. & Schwein.) Dumée, Grandjean & Maire: In *Pinus brutia* forest, K: 760; 11.12.2005, locality 54, K: 3382.
101. *Hygrophorus chrysodon* (Batsch) Fr.: Under *Abies* sp., 19.11.2005, locality 66, K: 3190.
102. *Hygrophorus latitabundus* Britzelm.: In *Pinus brutia* forest, 18.11.2006, locality 37, K: 4108.
103. *Hygrophorus purpurascens* (Alb. & Schwein.) Fr.: On soil in mixed conifer forest, 11.12.2005, locality, 19, K: 3419.

Inocybaceae

104. *Inocybe amethystina* Kuyper: In *Pinus brutia* forest, 14.04.2007, locality 34, K: 4420.
105. *Inocybe bongardii* var *bongardii* (Weinm.) Quél.: In *Pinus brutia* forest, 03.03.2007, locality 40, K: 4363.
106. *Inocybe bongardii* var *pisciadora* (Donadini & Rioussset) Kuyper: In *Pinus brutia* forest, 14.04.2007, locality 23, K: 4434.
107. **Inocybe catalaunica* Singer: In *Pinus brutia* forest, 10.12.2005, locality 38, K: 3321.
108. *Inocybe cervicolor* (Pers.) Quél.: On soil near *Pinus nigra*, 26.10.2003, locality 9, K: 2376.
109. *Inocybe dulcamara* (Alb. & Schwein.) P. Kumm.: Among leaf litter under *Populus* sp., 06.05.2007, locality 76, K: 4593.
110. *Inocybe geophylla* var *geophylla* (Pers.) P. Kumm.: In *Pinus brutia* forest, 10.12.2005, locality 38, K: 3343.

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111. *Inocybe geophylla* var *lilacina* Gillet: In *Pinus brutia* forest, 10.12.2005, locality 38, K: 3342.
112. *Inocybe nitidiuscula* (Britzelm.) Lapl.: On soil in mixed conifer forest, 28.05.2006, locality 19, K: 3794.
113. *Inocybe maculata* Boud.: On soil in *Pinus brutia* forest, 19.11.2006, locality 39, K: 4170.
114. *Inocybe perbrevis* (Weinm.) Gillet: On sandy soil on flood plain, 06.05.2007, locality 79, K: 4579.
115. *Inocybe pusio* P. Karst.: In *Pinus brutia* forest, 15.04.2007, locality 35, K: 4471.
116. *Inocybe queletii* Konrad: Among grass in mixed conifer forest, 19.05.2002, locality 9, K: 1809b.
117. *Inocybe rimosa* (Bull.) P. Kumm.: Under *Populus* sp., 13.05.2006, locality 68, K: 3738.
118. *Inocybe vaccina* Kühner: Among needle litter in mixed conifer forest, 11.12.2005, locality 19, K: 3410.
119. *Inocybe whitei* (Berk. & Broome) Sacc.: Among needle litter in mixed conifer forest, 26.10.2003, locality 61, K: 2406.
120. *Tubaria conspersa* (Pers.) Fayod: On plant remains in forest clearing, 24.11.2007, locality 49, K: 5037.
121. *Tubaria furfuracea* (Pers.) Gillet: On soil under *Quercus* sp., 24.11.2007, locality 49, K: 5051.
122. *Tubaria romagnesiana* Arnolds: On wood remain in garden, 21.04.2007, locality 3, K: 4488.

Lyophyllaceae

123. *Calocybe gambosa* (Fr.) Donk: In grass under poplar, 06.05.2007, locality 76, K: 4594.
124. *Calocybe chrysenteron* (Bull.) Singer: Among needle litter in *Pinus brutia* forest, 12.11.2006, locality 44, K: 4037; 18.11.2006, locality 37, K: 4107.
125. *Lyophyllum decastes* (Fr.) Singer: In *Abies* sp. forest, 25.11.2006, locality 17, K: 4251.
126. *Lyophyllum infumatum* (Bres.) Kühner: On soil in mixed conifer forest, 04.11.2007, locality 21, K: 4765.

Marasmiaceae

127. *Baeospora myosura* (Fr.) Singer: In *Pinus brutia* forest, 12.11.2005, locality 48, K: 3051.
128. *Collybia butyracea* (Bull.) P. Kumm.: On needle litter under *Pinus nigra*, 08.12.2007, locality 7, K: 5104.
129. *Crinipellis scabella* (Alb. & Schwein.) Murrill: Among herbs in garden, 12.05.2007, locality 24, K: 4602.
130. *Gymnopus dryophilus* (Bull.) Murrill: On needle litter in *Pinus brutia* forest, 12.11.2005, locality 102, K: 3023; 26.11.2005, locality 38, K: 3227.
131. *Gymnopus erythropus* (Pers.) Antonín, Halling & Noordel.: On buried wood of *Quercus* sp., 09.12.2007, locality 13, K: 5114.
132. *Gymnopus ocior* (Pers.) Antonín & Noordel.: On needle litter in *Pinus brutia* forest, 12.11.2006, locality 54, K: 4061.
133. *Gymnopus peronatus* (Bolton) Antonín, Halling & Noordel.: On *Pinus nigra* twigs, 07.05.2007, locality 18, K: 2708.
134. *Macrocyttidia cucumis* (Pers.) Joss.: In *Pinus brutia* forest, 12.11.2006, locality 44, K: 4017; 18.11.2006, locality 16, K: 4117; 24.11.2007, locality 36, K: 5018.
135. *Marasmius anomalus* Lasch: Roadside among herbs, 24.11.2007, locality 49, K: 5042.
136. *Marasmius oreades* (Bolton) Fr.: In grass, 24.11.2007, locality 49, K: 5040.

137. *Megacollybia platypylla* (Pers.) Kotl. & Pouzar: On buried roots of *Populus* sp., 06.05.2006, locality 24, K: 3667.

138. *Omphalotus olearius* (DC.) Singer: (Kaya 2006).

Mycenaceae

139. *Hemimycena lactea* (Pers.) Singer: On needle litter in *Pinus brutia* forest, 10.12.2005, locality 38, K: 3331.

140. *Hemimycena pithya* (Fr.) Dörfelt: On needle litter in *Pinus brutia* forest, 05.11.1005, locality 40, K:3039.

141. *Mycena adonis* (Bull.) Gray: Among needle litter in mixed conifer forest, 12.11.2005, locality 17, K: 3099.

142. *Mycena atroalba* (Bolton) Fr.: Among needle litter in *Pinus brutia* forest, 12.11.2006, locality 44, K: 4036.

143. *Mycena crocata* (Schrad.) P. Karst: On dead twigs of *Quercus* sp., 01.11.2003, locality 102, K: 2428.

144. *Mycena epipterygia* (Scop.) Gray: Among grass in *Abies* sp. forest, 05.11.2005, locality 61, K: 2987.

145. *Mycena galericulata* (Scop.) Gray: On decaying stump of *Quercus* sp., 19.11.2006, locality 39, K: 4162.

146. *Mycena haematopus* (Pers.) P. Kumm.: On rotting *Abies* sp. wood, 20.05.2002, locality 61, K: 1818.

147. *Mycena leptcephala* (Pers.) Gillet: (Kaya 2006).

148. *Mycena maculata* P. Karst.: (Kaya 2006).

149. *Mycena pura* (Pers.) P. Kumm.: Among leaf litter in *Pinus brutia* forest, 10.12.2005, locality 38, K: 3348.

150. *Mycena rosea* (Schumach.) Gramberg: Among leaf litter in *Pinus brutia* forest, 12.11.2006, locality 44, K: 4041.

151. *Mycena seynesii* Quél.: On *Pinus brutia* cones, 02.01.1999, locality 60, K: 772; 12.11.2006, locality 44, K: 4033; 24.11.2007, locality 112, K:5010.

152. *Mycena speirea* (Fr.) Gillet: On bark remains in mixed wood, 24.11.2007, locality 49, K: 5033.

153. *Xeromphalina campanella* (Batsch) Maire: On rotten stump of *Pinus brutia*, 12.11.2005, locality 48, K: 3049; 17.11.2007, locality 64, K: 4903.

154. *Xeromphalina fellea* Maire & Malençon: On needle litter in *Pinus brutia* forest, 12.11.2005, locality 40, K: 3044.

Physalacriaceae

155. *Armillaria mellea* (Vahl) P. Kumm.: On *Populus* sp. stump, 21.10.2007, locality 5, K: 4720.

156. *Flammulina velutipes* (Curtis) Singer: On *Populus* sp. stump, 21.10.2007, locality 1, K: 4715.

157. *Oudemansiella melanotricha* (Dörfelt) M.M. Moser: On soil near *Abies* sp., 30.10.2005, locality 41, K: 2907.

158. *Strobilurus stephanocystis* (Kühner & Romagn. ex Hora): Among needle litter in mixed conifer forest, 09.04.2005, locality 61, K: 2672.

159. *Strobilurus tenacellus* (Pers.) Singer: On cones of *Pinus nigra*, 15.04.2006, locality 41, K: 3566.

160. *Xerula radicata* (Relhan) Dörfelt: In *Pinus brutia* forest, 25.11.2006, locality 54, K: 4221.

Pleurotaceae

161. *Pleurotus dryinus* (Pers.) P. Kumm.: On *Populus* sp. trunk, 20.10.2007, locality 75, K: 4695.
162. *Pleurotus eryngii* (DC.) Gillet: On remains of *Ferula* sp., 16.04.2006, locality 58, K: 3574; 28.05.2006, locality 29, K: 3787; 05.05.2007, locality 88, K: 4569.
163. *Pleurotus ostreatus* (Jacq.) P. Kumm.: On *Populus* sp. stump, 02.05.2000, locality 63, K: 1026; 30.10.2005, locality 57, K: 2924; On *Salix* sp. stump, 22.10.2005, locality 77, K: 2860.

Pluteaceae

164. *Pluteus cervinus* P. Kumm.: On rotten wood, 22.10.2005, locality 90, K: 2840.
165. *Pluteus pauszarianus* var *albus* Bonnard: (Kaya 2006).
166. *Pluteus podospileus* Sacc. & Cub.: Around decaying *Populus* sp. stump, 22.04.2006, locality 90, K: 3611.
167. *Pluteus romellii* (Britzelm.) Lapl.: On loamy soil in garden, 23.10.2005, locality 6, K: 2877.
168. *Pluteus salicinus* (Pers.) P. Kumm.: In *Pinus brutia* forest, 11.12.2005, locality 54, K: 3392.
169. *Pluteus satur* Kühner & Romagn.: Around decaying *Populus* sp. stump, 22.04.2006, locality 90, K: 3608.
170. *Volvariella gloiocephala* (DC.) Boekhout & Enderle: Among grass on flood plain, 21.04.2003, locality 97, K: 2056; 10.12.2005, locality 115, K: 3361.

Psathyrellaceae

171. *Coprinellus callinus* (M. Lange & A.H. Sm.) Vilgalys, Hopple & Jacq. Johnson: Among leaf litter in mixed wood, 26.11.2005, locality 38, K: 3222.
172. *Coprinellus disseminatus* (Pers.) J.E. Lange: On buried wood, 04.05.2003, locality 94, K: 2244; 30.10.2005, locality 57, K: 2923; On *Populus* sp. stump, 06.05.2006, locality 24, K: 3672.
173. *Coprinellus heterosetulosus* (Locq. ex Watling) Vilgalys, Hopple & Jacq. Johnson: On horse manure, 27.11.2005, locality 38, K: 3287.
174. *Coprinellus micaceus* (Bull.) Vilgalys, Hopple & Jacq. Johnson: On buried wood, 20.04.2003, locality 103, K: 2042; 21.04.2007, locality 2, K: 4477; 09.04.2006, locality 50, K: 3528.
175. *Coprinellus xanthothrix* (Romagn.) Vilgalys, Hopple & Jacq. Johnson: Among leaf litter on flood plain, 21.10.2006, locality 85, K: 3856.
176. *Coprinopsis atramentaria* (Bull.) Redhead, Vilgalys & Moncalvo: On nutrient rich soil in garden, 30.10.2005, locality 50, K: 2943; 15.10.2006, locality 57, K: 3841; 22.04.2007, locality 53, K: 4496.
177. *Coprinopsis nivea* (Pers.) Redhead, Vilgalys & Moncalvo: On cow manure, 13.05.2006, locality 68, K: 3739.
178. *Coprinopsis picacea* (Bull.) Redhead, Vilgalys & Moncalvo: (Kaya 2006).
179. *Lacrymaria lacrymabunda* (Bull.) Pat.: On soil among herbs, 06.05.2006, locality 24, K: 3669; 05.05.2007, locality 87, K: 4568.
180. *Parasola auricoma* (Pat.) Redhead, Vilgalys & Hopple: On buried wood under poplar, 21.04.2003, locality 101, K: 2044; 13.05.2006, locality 69, K: 3753.
181. *Parasola hemerobia* (Fr.) Redhead, Vilgalys & Hopple: On soil in mixed wood, 07.10.2006, locality 76, K: 3818.
182. *Parasola kuehneri* (Uljé & Bas) Redhead, Vilgalys & Hopple: On soil in mixed wood, 12.05.2007, locality 58, K: 4618.

183. *Parasola plicatilis* (Curtis) Redhead, Vilgalys & Hopple: On soil among grass in *Pinus brutia* forest, 12.11.2005, locality 48, K: 3033.
184. *Psathyrella candolleana* (Fr.) Maire: On buried wood in mixed forest, 19.03.2006, locality 65, K: 3466; around *Populus* sp. stump, 12.05.2007, locality 24, K: 4611.
185. *Psathyrella cotonea* (Quél.) Konrad & Maubl.: on *Quercus* sp. stump, 22.04.2007, locality 39, K: 4499.
186. *Psathyrella prona* f. *cana* Kits van Wav.: On soil among grass, 30.10.2005, locality 57, K: 2927.
187. *Psathyrella prona* f. *prona* (Fr.) Gillet: On soil among grass, 30.10.2005, locality 57, K: 2917.
188. *Psathyrella spadiceogrisea* (Schaeff.) Maire: On damp soil under poplar, 05.05.2007, locality 89, K: 4527.

Schizophyllaceae

189. *Schizophyllum commune* Fr.: On *Quercus* stump, 25.10.1999, locality 52, K: 967; 28.04.2003, locality 96, K: 2135; on *Prunus* sp. stump, 09.04.2006, locality 50, K: 3535; on *Populus* sp. stump, 06.05.2006, locality 24, K: 3677.

Strophariaceae

190. *Agrocybe aegerita* (V. Brig.) Singer: On *Salix* sp. stump, 19.11.2005, locality 70, K: 3188; 27.10.2007, locality 86, K: 4731.
191. *Agrocybe dura* (Bolton) Singer: On soil among grass, 13.05.2006, locality 105, K: 3768.
192. *Agrocybe pediades* (Fr.) Fayod: In grass in *Pinus brutia* forest edge, 08.04.1999, locality 62, K: 872; 16.04.2006, locality 58, K: 3579.
193. *Agrocybe praecox* (Pers.) Fayod: In pasture, 18.05.2002, locality 12, K: 1768.
194. *Agrocybe splendida* Cléménçon: Among grass in *Pinus brutia* forest, 22.04.2007, locality 51, K: 4502; 12.05.2007, locality 83, K: 4641.
195. *Galerina autumnalis* (Peck) A.H. Sm. & Singer: On dead wood of *Quercus* sp., 19.11.2006, locality 39, K: 4168.
196. *Galerina cinctula* P.D. Orton: On plant remains on mossy ground, 27.11.2005, locality 38, K: 3277.
197. *Galerina laevis* (Pers.) Singer: Among moss in *Pinus brutia* forest, 24.11.2007, locality 49, K: 5050.
198. *Galerina marginata* (Batsch) Kühner: On buried wood of *Pinus brutia*, 18.11.2006, locality 37, K: 4101; on buried wood of *Pinus nigra*, 27.10.2007, locality 84, K: 4734.
199. *Hebeloma clavulipes* Romagn.: On sandy soil under *Salix* sp., on flood plain, 06.05.2007, locality 82, K: 4578.
200. *Hebeloma crustuliniforme* (Bull.) Quél.: In *Pinus brutia* forest, 06.11.2005, locality 10, K: 3014.
201. *Hebeloma populinum* Romagn.: Under *Populus* sp., 06.05.2006, locality 31, K: 3682.
202. *Hebeloma sinapizans* (Fr.) Sacc.: On soil under *Populus* sp., 01.11.2003, locality 94, K: 2427.
203. *Hypholoma fasciculare* (Fr.) P. Kumm.: On *Salix* sp. stump, 30.10.2005, locality 57, K: 2925; 06.05.2006, locality 31, K: 3681; on *Populus* sp. stump, 22.10.2006, locality 50, K: 3899.
204. *Pholiota aurivella* (Batsch) P. Kumm.: On *Salix* sp. trunk, 19.11.2005, locality 69, K: 3180; 07.10.2006, locality 75, K: 3813.
205. *Pholiota conissans* (Fr.) M.M. Moser: In grass, 23.10.2005, locality 6, K: 2879.

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206. *Pholiota gummosa* (Lasch) Singer: On *Populus* sp. stump, 15.10.2006, locality 57, K: 3846.
207. *Pholiota limonella* (Peck.) Sacc.: (Kaya 2006).
208. *Pholiota lubrica* (Pers.) Singer: In *Pinus brutia* forest, 09.12.2006, locality 40, K: 4318.
209. *Pholiota squarrosa* (Batsch) P. Kumm.: (Kaya 2006).
210. *Pholiota tuberculosa* (Schaeff.) P. Kumm.: On remains of *Populus* sp., 06.05.2006, locality 31, K: 3679; 19.05.2007, locality 71, K: 4687.
211. *Psilocybe coprophila* (Bull.) P. Kumm.: On cow dung among *Quercus* sp., 18.05.2002, locality 15, K: 1749.
212. *Psilocybe inquilina* var *crobula* (Fr.) Høil.: In grass on flood plain, 13.05.2006, locality 69, K: 3755.
213. *Stropharia caerulea* Kreisel: On nutrient rich soil in *Pinus brutia* forest edge, 10.12.2005, locality 38, K: 3344.
214. *Stropharia coronilla* (Bull.) Qué!.: In grass, 21.04.2003, locality 113, K: 2048; Among grass in *Pinus brutia* forest, 26.11.2005, locality 38, K: 3228; 10.12.2005, locality 115, K: 3364; 19.03.2006, locality 65, K: 3464; 16.04.2006, locality 58, K: 3580; 12.11.2006, locality 44, K: 4012.
215. *Stropharia semiglobata* (Batsch) Qué!.: On cow dung, 06.05.2006, locality 24, K: 3673; 12.05.2007, locality 50, K: 4600.

Tricholomataceae

216. *Arrhenia rickenii* (Hora) Watling: On moss covered ground, 09.12.2007, 13, K: 5126.
217. *Arrhenia spathulata* (Fr.) Redhead: On moss, 18.11.2006, locality 16, K: 4110.
218. *Clitocybe alexandri* (Gillet) Konrad: Among needle litter in *Pinus brutia* forest, 11.12.2005, locality 54, K: 3393.
219. *Clitocybe ditopa* (Fr.) Gillet: On needle litter in *Pinus brutia* forest, 25.11.2006, locality 54, K: 4190.
220. *Clitocybe gibba* (Pers.) P. Kumm.: (Kaya 2006).
221. *Clitocybe inornata* (Sowerby) Gillet: Among needle litter in *Pinus brutia* forest, 18.11.2006, locality 25, K: 4146.
222. *Clitocybe metachroa* (Fr.) P. Kumm.: Among needle litter in *Pinus brutia* forest, 11.12.2005, locality 54, K: 3390.
223. *Clitocybe odora* (Bull.) P. Kumm.: On soil in mixed conifer forest, 12.11.2005, locality 61, K: 3082; 26.11.2006, locality 61, K: 4280.
224. *Clitocybe phaeophthalma* (Pers.) Kuyper: On needle litter in *Pinus brutia* forest, 25.11.2005, locality 54, K: 4227.
225. *Clitocybe squamulosa* (Pers.) Fr.: Among needle litter in *Pinus brutia* forest, 26.11.2005, locality 38, K: 3247.
226. *Clitocybe vermicularis* (Fr.) Qué!.: Among needle litter in *Pinus brutia* forest, 15.04.2007, locality 35, K: 4472.
227. *Collybia tuberosa* (Bull.) P. Kumm.: On remains of *Paxillus involutus* among grass, 30.10.2005, locality 57, K: 2936.
228. *Infundibulicybe geotropa* (Bull.) Harmaja: On soil in mixed forest clearing, 19.11.2006, locality 39, K: 4167.
229. *Lepista densifolia* (J. Favre) Singer & Cléménçon: On needle litter in mixed wood, 26.11.2005, locality 38, K: 3265.

230. *Lepista nuda* (Bull.) Cooke: In *Pinus brutia* forest, 26.11.2005, locality 59, K: 3264; 25.11.2006, locality 54, K: 4213; 15.04.2007, locality 95, K: 4476; 24.11.2007, locality 36, K: 5019.
231. *Lepista saeva* (Fr.) P.D. Orton: Among grass under poplar, 14.05.2006, locality 74, K: 3776.
232. *Leucopaxillus gentianeus* (Quél.) Kotl.: On needle litter in under *Pinus nigra*, 08.12.2007, locality 7, K: 5101.
233. *Leucopaxillus mirabilis* (Bres.) Konrad & Maubl.: Among needle litter in mixed conifer forest, 12.11.2005, locality 17, K: 3102.
234. *Melanoleuca cognata* (Fr.) Konrad & Maubl.: Among grass in *Pinus brutia* forest, 22.04.2007, locality 51, K: 4510.
235. *Melanoleuca excissa* (Fr.) Singer: In pasture, 23.10.2005, locality 6, K: 2876.
236. *Melanoleuca graminicola* (Velen.) Kühner & Maire: In *Pinus brutia* forest clearing, 17.04.2007, locality 35, K: 4464; 17.11.2007, locality 45, K: 4916.
237. *Melanoleuca melaleuca* (Pers.) Murrill: Among needle litter under *Cedrus libani*, 26.11.2005, locality 38, K: 3267.
238. *Melanoleuca stridula* (Fr.) Singer: In *Pinus brutia* forest, 18.11.2006, locality 37, K: 4096.
239. *Melanoleuca substrictipes* Kühner: In *Abies-Pinus* forest, 02.05.2000, locality 61, K: 1025.
240. *Myxomphalia maura* (Fr.) Hora: On damp soil in *Pinus brutia* forest, 26.11.2005, locality 38, K: 3231.
241. *Omphalina oniscus* (Fr.) Quél.: On moss covered soil in mixed conifer forest, 20.11.2004, locality 61, K: 2604.
242. *Omphalina pyxidata* (Bull.) Quél.: On remains of conifer wood, 03.11.2007, locality 21, K: 4763.
243. **Omphalina xylophila* (Vassilkov) Bon: Among needle litter in mixed conifer forest, 04.11.2007, locality 21, K: 4776.
244. *Omphalina velutipes* P.D. Orton: On sandy ground on flood plain in *Pinus brutia* forest clearing, 04.11.2006, locality 98, K: 3922.
245. *Pseudoclitocybe cyathiformis* (Bull.) Singer: On soil in *Pinus brutia* forest, 18.11.2006, locality 25, K: 4133.
246. **Pseudoclitocybe obbata* (Fr.) Singer: On soil in mixed conifer forest, 20.11.2004, locality 61, K: 2598.
247. *Tricholoma anatolicum* Doğan & Intini: In mixed conifer forest, 29.10.2006, locality 21, K: 3909.
248. *Tricholoma atosquamosum* (Chevall.) Sacc.: In *Pinus nigra* forest, 26.10.2003, locality, 61, K: 2398.
249. *Tricholoma basirubens* (Bon) A. Riva & Bon: Under *Quercus* sp., 08.12.2007, locality 7, K: 5194.
250. *Tricholoma batschii* Gulden: In *Pinus brutia* forest, 18.11.2006, locality 37, K: 4098.
251. *Tricholoma lascivum* (Fr.) Gillet: On soil among leaf litter under *Quercus* sp., 07.04.2007, locality 110, K: 4388.
252. *Tricholoma myomyces* (Pers.) J.E. Lange: In *Pinus brutia* forest, 26.11.2005, locality 59, K: 3261; 24.03.2007, locality 28, K: 4378; 14.04.2007, locality 27, K: 4407; 15.04.2007, locality 35, K: 4466; 07.04.2007, locality 102, K: 4381.
253. *Tricholoma orirubens* Quél.: In *Pinus brutia* forest, 13.11.2005, locality 8, K: 3153.
254. *Tricholoma populinum* J.E. Lange: Under *Populus* sp., 30.10.2005, locality 57, K: 2934.
255. *Tricholoma sejunctum* (Sowerby) Quél.: Under *Quercus* sp., 08.12.2007, locality 7, K: 5183.

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256. *Tricholoma stans* (Fr.) Sacc.: Under *Pinus nigra*, 12.11.2005, locality 17, K: 3066.

Auriculariales

Auriculariaceae

257. *Auricularia auricula-judae* (Fr.) Quél.: (Kaya 2006).

258. *Auricularia mesenterica* (Dicks.) Pers.: On *Quercus* sp. remain, 28.04.2003, locality 92, K: 2137.

Boletales

Boletaceae

259. *Boletus chrysenteron* Bull.: On leaf litter under poplar, 15.10.2005, locality 57, K: 2769.

260. *Boletus rubellus* Krombh.: On soil in floodplain mixed forest, 12.11.2006, locality 55, K: 4078.

261. *Boletus subtomentosus* L.: (Kaya 2006).

Diplocystidiaceae

262. *Astraeus hygrometricus* (Pers.) Morgan: (Kaya 2006).

Gomphidiaceae

263. *Chroogomphus rutilus* (Schaeff.) O.K. Mill.: In *Pinus brutia* forest, 28.04.2003, locality, 102, K: 2136; 22.04.2007, locality 51, K: 4508.

264. *Gomphidius gracilis* Berk.: On soil in mixed conifer forest, 12.11.2005, locality, 61, K: 3068.

265. *Gomphidius maculatus* (Scop.) Fr.: In *Pinus brutia* forest, 01.11.2003, locality, 102, K: 2432.

Paxillaceae

266. *Paxillus involutus* (Batsch) Fr.: Pathside among herbs, 15.10.2005, locality 57, K: 2768.

267. *Paxillus rubicundulus* P.D. Orton: On soil in mixed wood, 08.04.2006, locality 38, K: 3499.

Rhizopogonaceae

268. *Rhizopogon luteolus* Fr.: In *Pinus brutia* forest, 29.04.2002, locality, 102, K: K: 1709; 22.10.2006, locality 58, K: 3895; 18.11.2006, locality 37, K: 4089; 07.04.2007, locality 108, K: 4386; 17.11.2007, locality 22, K: 4907.

Sclerodermataceae

269. *Pisolithus arhizus* (Pers.) Rauschert: On soil in mixed conifer forest, 16.10.2005, locality 9, K: 2817.

270. *Scleroderma verrucosum* (Bull.) Pers.: On soil among *Quercus* sp., 01.11.2003, locality 96, K: 2425.

Suillaceae

271. *Suillus bovinus* (Pers.) Roussel: In *Pinus brutia* forest, 18.11.2006, locality 37, K: 4095; 17.11.2007, locality 64, K: 4900.

272. *Suillus granulatus* (L.) Roussel: In *Pinus brutia* forest, 02.05.2000, locality 62, K: 1027; 07.04.2007, locality 56, K: 4397; 22.04.2007, locality 51, K: 4512.

273. *Suillus luteus* (L.) Roussel: In *Pinus nigra* forest, 29.04.2002, locality 102, K: 1710; 22.10.2006, locality 58, K: 3890; 22.04.2007, locality 51, K: 4511; 24.11.2007, locality 49, K: 5046.

Tapinellaceae

274. *Tapinella atrotomentosa* (Batsch) Šutara: In *Pinus brutia* forest, 13.11.2005, locality 13, K: 3135.

275. *Tapinella panuoides* (Batsch) E.-J. Gilbert: On decaying *Pinus brutia* stump, 12.11.2005, locality 54, K: 3376.

Cantharellales

Clavulinaceae

276. *Clavulina coralloides* (L.) J. Schröt.: Among needle litter in mixed conifer forest, 26.10.2003, locality 61, K: 2410.

Geastrales

Geastraceae

277. *Geastrum fimbriatum* Fr.: On soil in mixed forest, 19.11.2006, locality 39, K: 4174.
 278. *Geastrum pectinatum* Pers. In *Pinus brutia* forest, 26.11.2005, locality, 38, K: 3250.
 279. *Geastrum rufescens* Pers.: Among needle litter in *Abies* sp. forest, 20.11.2004, locality 17, K: 2578.
 280. *Geastrum schmidelii* Vittad.: In *Abies-Pinus* sp. forest, 25.10.1999, locality 61, K: 968.
 281. *Geastrum striatum* DC.: Among needle litter in *Abies* sp. forest, 20.11.2004, locality 17, K: 2538.
 282. *Geastrum triplex* Jungh.: Among needle litter in *Abies* sp. forest, 20.11.2004, locality 61, K: 2608.

Gloeophyllales

Gloeophyllaceae

283. *Gloeophyllum abietinum* (Bull.) P. Karst.: On *Abies* sp. stump, 20.05.2002, locality 61, K: 1820.

Gomphales

Clavariadelphaceae

284. *Clavariadelphus truncatus* (Quél.) Donk: On soil in mixed conifer forest, 26.11.2006, locality 19, K: 4297.

Gomphaceae

285. **Gautieria monticola* Harkn.: In soil in mixed conifer forest, 19.05.2002, locality 11, K: 1780.
 286. *Gomphus clavatus* (Pers.) Gray: On soil in mixed conifer forest, 11.11.2006, locality 21, K: 3986.
 287. *Ramaria flava* (Schaeff.) Quél.: On soil in *Abies* sp., forest, 07.05.2005, locality 61, K: 2713.

Hymenochaetales

Hymenochaetaceae

288. *Hymenochaete rubiginosa* (Dicks.) Lév.: On *Quercus* sp. stump, 10.03.2001, locality 13, K: 1230.
 289. *Inonotus hispidus* (Bull.) P. Karst.: On trunk of *Juglans* sp., 30.10.2005, locality 50, K: 2944.
 290. *Phellinus igniarius* (L.) Quél.: On *Salix* sp. trunk, 11.11.2006, locality 70, K: 3972.

Phallales

Phallaceae

291. *Clathrus ruber* P. Micheli ex Pers.: On soil under *Quercus* sp., 13.11.2005, locality 13, K: 3138.

Polyporales

Fomitopsidaceae

292. *Antrodia serialis* (Fr.) Donk: (Kaya 2006).

Ganodermataceae

293. *Ganoderma applanatum* (Pers.) Pat.: On base trunk of *Populus* sp., 15.10.2005, locality 57, K: 2767.

294. *Ganoderma lucidum* (Curtis) P. Karst.: (Kaya 2006).

Meruliaceae

295. *Abortiporus biennis* (Bull.) Singer: On *Populus* sp. stump, 03.11.2007, locality 20, K: 4757.

296. *Bjerkandera adusta* (Willd.) P. Karst.: On *Populus* sp. stump, 21.04.2003, locality 95, K: 2051; 06.05.2006, locality 24, K: 3671; 15.10.2006, locality 57, K: 3845.

Polyporaceae

297. *Cerrena unicolor* (Bull.) Murrill: (Kaya 2006).

298. *Fomes fomentarius* (L.) J.J. Kickx: On *Populus* sp. stump, 28.04.2003, locality, 107, K: 2131; on *Prunus* sp. stump, 09.04.2006, locality 50, K: 3534.

299. *Trametes trogii* Berk.: On *Populus* sp. stump, 20.04.2003, locality 103, K: 2041; 30.10.2005, locality 50, K: 2942; 06.05.2006, locality 24, K: 3670.

300. *Lentinus strigosus* (Schwein.) Fr.: (Kaya 2006).

301. *Lentinus tigrinus* (Bull.) Fr.: On *Populus* sp. stump, 20.04.2003, locality 103, K: 2039; 15.10.2005, locality 57, K: 2766; 13.11.2005, locality 32, K: 3175.

302. *Polyporus arcularius* (Batsch) Fr.: (Kaya 2006).

303. *Polyporus leptcephalus* (Jacq.) Fr.: (Kaya 2006).

304. *Polyporus rhizophilus* (Pat.) Sacc.: On grass, 21.04.2003, locality 103, K: 2043.

305. *Polyporus squamosus* (Huds.) Fr.: On *Salix* sp. stump, 06.05.2007, locality 50, K: 4584.

306. *Pycnoporus cinnabarinus* (Jacq.) Fr.: On dead branches of *Quercus* sp., 28.04.2003, locality 104, K: 2128.

307. *Polyporus badius* (Pers.) Schwein.: On decaying branches of *Populus* sp., 21.04.2003, locality 99, K: 2046.

308. *Trametes gibbosa* (Pers.) Fr.: On *Populus* sp. stump, 12.05.2007, locality 24, K: 4605.

309. *Trametes hirsuta* (Wulfen) Pilát: On dead *Quercus* sp. twigs, 04.11.2006, locality 98, K: 3922.

310. *Trametes versicolor* (L.) Lloyd: On dead branches of *Prunus* sp., 30.10.2005, locality 57, K: 2940.

311. *Trichaptum abietinum* (Dicks.) Ryvarden: On *Pinus brutia* stump, 28.04.2003, locality 92, K: 2140.

Russulales

Auriscalpiaceae

312. *Lentinellus cochleatus* (Pers.) P. Karst.: On *Pinus brutia* cones, 27.11.2005, locality 38, K.3278; 10.12.2005, locality 115, K.3363.

313. *Lentinellus ursinus* (Fr.) Kühner: On *Quercus* sp. wood, 11.11.2006, locality 71, K: 3945.

Bondarzewiaceae

314. *Heterobasidion annosum* (Fr.) Bref.: On *Abies* sp. stump, 07.05.2005, locality 17, K: 2724.

Russulaceae

315. *Lactarius controversus* (Pers.) Pers.: In grass under *Populus* sp., 20.10.2007, locality 76, K: 4704.

316. *Lactarius deliciosus* (L.) Gray: In *Pinus brutia* forest, 02.01.1999, locality 60, K: 770; 19.11.2006, locality 39, K: 4166.
317. *Lactarius deterrimus* Gröger: On soil in *Pinus nigra* forest, 26.10.2003, locality 9, K: 2359b.
318. *Lactarius quieticolor* Romagn.: On soil in *Pinus nigra* forest, 26.10.2003, locality 9, K: 2359.
319. *Russula aeruginea* Fr.: Among needle litter in *Pinus brutia* forest, 09.12.2007, locality 13, K: 5113.
320. *Russula albonigra* (Krombh.) Fr.: Among needle litter in *Abies* sp. forest, 26.10.2003, locality 61, K: 2391.
321. **Russula cremeoavellanea* Singer: On moss covered soil in mixed wood, 25.11.2006, locality 54, K: 4207.
322. *Russula cyanoxantha* (Schaeff.) Fr.: On moss covered soil in mixed wood, 25.11.2006, locality 54, K: 4207b.
323. *Russula delica* Fr.: Under *Quercus* sp., 08.12.2007, locality 7, K: 5191.
324. *Russula sanguinea* (Bull.) Fr.: In *Pinus brutia* forest, 11.12.2005, locality 54, K: 3381.
325. *Russula sardonica* Fr.: In *Pinus brutia* forest, 06.11.2005, locality 10, K: 3003.
326. *Russula turci* Bres.: (Kaya 2006).
327. *Russula violacea* var *violacea* Quél.: Among leaf litter in mixed forest, 09.12.2007, locality 13, K: 5119.
328. *Russula xerampelina* (Schaeff.) Fr.: In *Pinus brutia* forest, 23.10.1999, locality 8, K: 949; 18.11.2006, locality 37, K: 4105.

Stereaceae

329. *Stereum hirsutum* (Willd.) Pers.: On *Quercus* sp. stump, 12.11.2005, locality 102, K: 3024; on *Salix* sp. stump, 13.05.2006, locality 69, K: 3758.

Thelephorales

Bankeraceae

330. *Boletopsis leucomelaena* (Pers.) Fayod: On soil in needle litter under *Abies* sp., 30.10.2005, locality 41, K: 2908.
331. *Hydnellum concrescens* (Pers.) Banker: On soil among leaf litter in mixed wood, 13.11.2005, locality, 12, K: 3117.
332. *Hydnellum peckii* Banker: On moss covered soil in *Pinus brutia* forest, 05.11.2005, locality, 12, K: 2976.
333. *Phellodon niger* (Fr.) P. Karst.: On soil among needle litter in *Pinus brutia* forest, 25.11.2006, locality 54, K: 4217.
334. *Sarcodon imbricatus* (L.) P. Karst.: Among leaf litter in mixed conifer forest, 25.11.2006, locality 61, K: 4259.

Tremellales

Exidiaceae

335. *Exidia truncata* Fr.: On dead branches of *Quercus* sp., 04.03.2007, locality 103, K: 4373.
336. *Pseudohydnum gelatinosum* (Scop.) P. Karst.: On rotten *Abies* sp. wood, 20.11.2004, locality 61, K: 2563.

Tremellaceae

337. *Tremella mesenterica* Retz.: On *Juniperus* sp. branches, 28.04.2003, locality 92, K: 2139.

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Table 1. Collection localities

NO	LOCALITIES	ALTITUDES	COORDINATES
1	Afşin, Centre	1235	36°53' E – 38°14' N
2	Afşin, Çoğulhan	1170	37°00' E – 38°19' N
3	Afşin, İğdemlik	1170	36°59' E – 38°19' N
4	Afşin, Tanır	1220	36°55' E – 38°24' N
5	Afşin, Yazıköy	1280	36°46' E – 38°10' N
6	Afşin, Yeşilköy	1210	36°54' E – 38°23' N
7	Andırın, Akifiye	1180	36°20' E – 37°42' N
8	Andırın, Alanlı	690	36°29' E – 37°31' N
9	Andırın, Altınyayla	1470	36°26' E – 37°39' N
10	Andırın, Çuhadar	950	36°27' E – 37°33' N
11	Andırın, Geben	1365	36°27' E – 37°42' N
12	Andırın, Kesik	1090	36°21' E – 37°36' N
13	Andırın, Kızık	470	36°36' E – 37°24' N
14	Andırın, Kumarlı	162	36°15' E – 37°25' N
15	Andırın, Orhaniye	1170	36°21' E – 37°40' N
16	Centre, Avcılar	690	36°48' E – 37°50' N
17	Centre, Başkonuş picnic area	1300	36°35' E – 37°34' N
18	Centre, Başkonuş, Sersem	1330	36°34' E – 37°33' N
19	Centre, Başkonuş, Yediardıç	1350	36°35' E – 37°33' N
20	Centre, Beşenli	1150	37°15' E – 37°40' N
21	Centre, Beşenli	1340	37°14' E – 37°39' N
22	Centre, Budaklı	850	36°55' E – 34°41' N
23	Centre, Bulanık	930	37°09' E – 37°34' N
24	Centre, Çağlayan	790	36°09' E – 37°49' N
25	Centre, Çamlıbel	670	36°48' E – 37°49' N
26	Centre, Çiğli	640	37°02' E – 37°29' N
27	Centre, Çokyaşar	652	37°02' E – 37°31' N

28	Centre, Dadađlı	553	36°47' E – 37°28' N
29	Centre, Demrek	720	36°38' E – 37°37' N
30	Centre, Derebođazı	720	36°41' E – 37°32' N
31	Centre, Döngel	830	36°38' E – 37°57' N
32	Centre, Döngele	610	36°38' E – 37°33' N
33	Centre, Elmalar	750	37°05' E – 37°32' N
34	Centre, Elmalar	920	37°08' E – 37°33' N
35	Centre, Güzelyurt	612	37°01' E – 37°32' N
36	Centre, Hacı Mustafa Çiftliđi	474	36°53' E – 37°30' N
37	Centre, İlica	820	36°51' E – 37°50' N
38	Centre, Kapıçam	680	37°01' E – 37°29' N
39	Centre, Kapıkaya	670	36°47' E – 37°47' N
40	Centre, Klavuzlu	690	36°49' E – 37°38' N
41	Centre, Kurucaova	1426	36°34' E – 37°56' N
42	Centre, Kuzucak	1004	37°12' E – 37°34' N
43	Centre, Küçük Nacar	939	37°11' E – 37°35' N
44	Centre, Kürtül	540	36°41' E – 37°39' N
45	Centre, Maksutlu	960	36°54' E – 37°40' N
46	Centre, Öksüzlü	530	36°57' E – 37°26' N
47	Centre, Peynirdere	800	37°05' E – 37°35' N
48	Centre, Sarıçukur	890	36°51' E – 37°40' N
49	Centre, Sır	520	36°36' E – 37°30' N
50	Centre, Suçatı	670	36°42' E – 37°46' N
51	Centre, Suçatı, Fırnız	695	36°40' E – 37°45' N
52	Centre, Suluyayla	1100	36°31' E – 37°33' N
53	Centre, Süleymanlı	903	36°49' E – 37°52' N
54	Centre, Süllüler	500	36°38' E – 37°38' N
55	Centre, Süllüler, Karbasan	490	36°36' E – 37°38' N
56	Centre, Şerefođlu	482	36°54' E – 37°28' N
57	Centre, Tekir	1020	36°37' E – 37°53' N
58	Centre, Tekir	1060	36°36' E – 37°54' N
59	Centre, Tevekkeli	590	37°01' E – 37°28' N
60	Centre, Topçalı	716	36°30' E – 37°31' N
61	Centre, Yaylaüstü	1300	36°34' E – 37°34' N
62	Centre, Yenice kale	780	36°38' E – 37°36' N
63	Centre, Yenice kale	956	36°37' E – 37°35' N
64	Centre, Yenipınar	1250	38°08' E – 37°42' N
65	Centre, Yeniyan	470	36°41' E – 37°37' N
66	Çađlayançerit, Boylu village	1380	37°15' E – 37°44' N
67	Çađlayançerit, Boylu	1432	37°13' E – 37°42' N
68	Çađlayançerit, Bozlar	928	37°24' E – 37°43' N
69	Çađlayançerit, Bozlar	915	37°26' E – 37°42' N
70	Çađlayançerit, Centre	984	37°21' E – 37°44' N
71	Çađlayançerit, Düzbađ	1180	37°29' E – 37°45' N
72	Çađlayançerit, Düzbađ	942	37°28' E – 37°47' N

73	Çağlayancerit, Küçükcerit	1049	37°28' E – 37°47' N
74	Çağlayancerit, Küçüküngüt	1150	37°22' E – 37°41' N
75	Ekinözü, Ortaören	1160	37°06' E – 38°06' N
76	Ekinözü, Suçatı	960	37°11' E – 37°35' N
77	Elbistan, Çiçekli	1170	37°15' E – 38°13' N
78	Elbistan, Demircilik	1250	37°19' E – 38°13' N
79	Elbistan, Geçit	1180	37°18' E – 38°14' N
80	Elbistan, Kalealtı	1124	37°04' E – 38°10' N
81	Elbistan, Sevdilli	1370	37°32' E – 38°15' N
82	Elbistan, Söğütlü	1190	37°17' E – 38°14' N
83	Göksun, Bozhöyük	1518	36°29' E – 38°08' N
84	Göksun, Fındık	1350	36°42' E – 38°03' N
85	Göksun, Kireç	1342	36°29' E – 37°59' N
86	Göksun, Küçüksu	1320	36°38' E – 38°03' N
87	Nurhak, Alçiçek	1435	37°20' E – 38°00' N
88	Nurhak, Barış	1534	37°18' E – 38°02' N
89	Nurhak, Kullar	1075	37°34' E – 37°57' N
90	Nurhak, Kullar	1120	37°36' E – 37°57' N
91	Pazarcık, Akçalar	980	37°27' E – 37°32' N
92	Pazarcık, Armutlu	920	37°15' E – 37°30' N
93	Pazarcık, Bölükçam	648	37°12' E – 37°26' N
94	Pazarcık, Centre	800	37°19' E – 37°30' N
95	Pazarcık, Çınarlı	680	37°04' E – 37°27' N
96	Pazarcık, Çiçekalan	890	37°16' E – 37°31' N
97	Pazarcık, Demirciler	520	37°01' E – 37°21' N
98	Pazarcık, Doğanlıkara Hasan	755	37°08' E – 37°28' N
99	Pazarcık, Emiroğlu	542	37°03' E – 37°19' N
100	Pazarcık, Göynük	911	37°26' E – 37°40' N
101	Pazarcık, Karaçay	568	37°06' E – 37°20' N
102	Pazarcık, Kartalkaya Dam	730	37°15' E – 37°28' N
103	Pazarcık, Narlı	586	37°08' E – 37°23' N
104	Pazarcık, Payamlıbağ	780	37°20' E – 37°32' N
105	Pazarcık, Sakarkaya	880	37°26' E – 37°39' N
106	Pazarcık, Sarıerik	536	37°04' E – 37°20' N
107	Pazarcık, Şahintepe	840	37°19' E – 37°32' N
108	Pazarcık, Tetirli	818	37°17' E – 37°31' N
109	Pazarcık, Ulubahçe	940	37°23' E – 37°30' N
110	Pazarcık, Yarbaşı	765	37°14' E – 37°28' N
111	Türkoğlu, Altınova,	568	36°48' E – 37°28' N
112	Türkoğlu, Fatihler	465	36°53' E – 37°29' N
113	Türkoğlu, Güllühöyük	497	36°54' E – 37°22' N
114	Türkoğlu, İmalı	670	36°45' E – 37°20' N
115	Türkoğlu, Kızıleniş	520	36°48' E – 37°21' N
116	Türkoğlu, Yeşilyurt	540	36°45' E – 37°13' N