

# Macrofungi of Aydın Province, Turkey

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**Abstract**— In this study, 2037 macrofungi specimens were collected from different localities in Aydın province, west Anatolia, between the years 2002 and 2005, particularly during the autumn and spring seasons. As a result of the field and laboratory studies, 226 taxa belonging to 103 genera, 48 families and 2 classes have been identified. 25 taxa belong to *Ascomycetes*, 201 taxa belong to *Basidiomycetes* classes.

**Key Words**— Turkish fungi, macromycota, taxonomy

## Introduction

Many studies have been carried out on macromycota of Turkey between 1932 and 2005 (Sesli & Denchev 2005). About 1900 macrofungi taxa have thus far been reported from Turkey. However, present studies show that, plenty of mushroom taxa inhabiting different parts of Turkey have not been determined yet. There was not any study on the macromycota of Aydın province before this study.

## Materials and Methods

During field trips in the area (Figure 1), the morphological and ecological characteristics of the macrofungi were recorded and photographed in their natural habitats and then they were taken to the laboratory for identification. The specimens were identified by examining their macroscopic and microscopic features, using references by Breitenbach & Kranzlin (1984, 1986, 1991, 1995, 2000), Capelli (1984), Ellis & Ellis (1990), Marchand, (1971, 1973, 1975, 1977, 1980, 1982, 1983, 1986), Moser (1983), Phillips (1981), Orton & Watling (1979), Watling (1982), Watling & Gregory (1987, 1989) and Orton (1986). The presented taxa are arranged in alphabetical order. All collected specimens are now deposited at the fungarium of Muğla University.

## Results

In the present study, 226 taxa belonging to 48 families were recovered. The distribution of the taxa in their families are: *Discinaceae* 2, *Helvellaceae* 7, *Morchellaceae* 9, *Pezizaceae* 4, *Pyronemataceae* 3, *Agaricaceae* 21, *Astraeaceae* 1, *Auriculariaceae* 2, *Bankeraceae* 1, *Bolbitiaceae* 13, *Boletaceae* 4, *Clavulinaceae* 2, *Cortinariaceae* 6, *Entolomataceae* 1, *Ganodermataceae* 5, *Geastraceae* 3, *Gloeophyllaceae* 3, *Gomphidiaceae* 1, *Gyroporaceae* 1, *Hapalopilaceae* 1, *Hydnangiaceae* 2, *Hygrophoraceae* 2, *Hygrophoropsidaceae* 1, *Hymenochaetaceae* 9, *Lycoperdaceae* 10, *Marasmiaceae* 13, *Meruliaceae* 1, *Nidulariaceae* 2, *Omphalotaceae* 1, *Paxillaceae* 1, *Phallaceae* 2, *Phanerochaetaceae* 2, *Pleurotaceae* 3, *Pluteaceae* 17, *Polyporaceae* 17, *Psathyrellaceae* 3, *Rhizopogonaceae* 2, *Russulaceae* 10, *Schizophyllaceae* 1, *Schizoporaceae* 1, *Sclerodermataceae* 3, *Sparassidaceae* 1, *Stereaceae* 6, *Strophariaceae* 10, *Suillaceae* 3, *Tremellaceae* 1, *Tricholomataceae* 10 and *Tulostomataceae* 2.

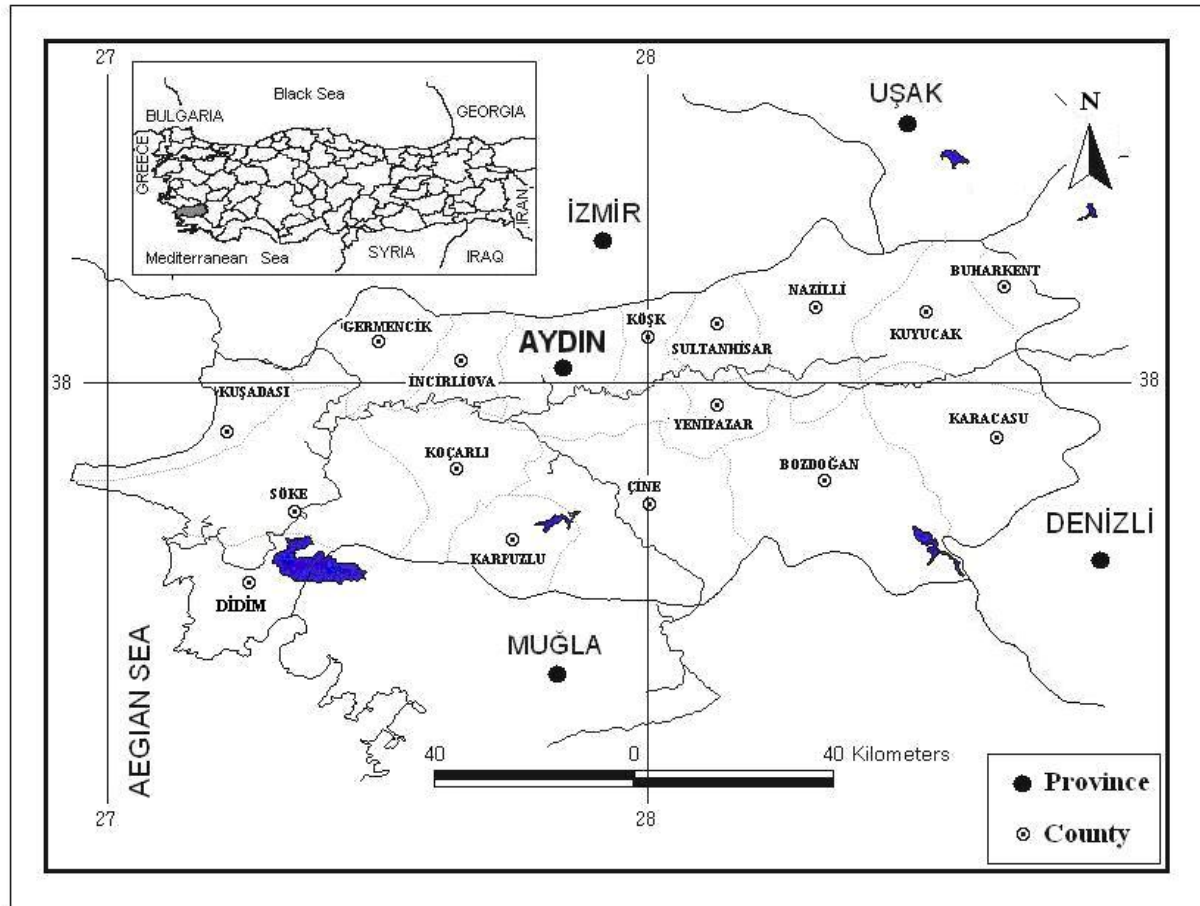


Figure 1. Map of the study area.

These taxa's localities, habitats, altitudes, collection dates, and collection numbers are listed below.

#### LIST OF TAXA

##### *ASCOMYCETES*

##### *Discinaceae*

##### 1. *Gyromitra esculenta* (Pers.) Fr. var. *esculenta*

Bozdoğan, Örentaht village, in *Pinus brutia* forest, 872 m, 25.04.2003, Allı 1699; İbrahim Kavağı village, Çukurtez area, in *Pinus brutia* forest, 873 m, 18.04.2004, Allı 1835.

1. *Gyromitra esculenta* var. *fragilis* A. Marchand  
Çine, İbrahim Kavağı village, Çukurtez area, in *Pinus brutia* forest, 873 m, 18.04.2004, Allı 1835 a.

##### *Helvellaceae*

##### 3. *Helvella fusca* Gillet

Bozdoğan-Muğla road 18. km, in *Pinus brutia* forest, 772 m, 05.04.2003, Allı 1694.

##### 4. *Helvella lacunosa* Afzel.

Bozdoğan, Örentaht village, in *Pinus brutia* forest, 872 m, 25.04.2003, Allı 1692.

##### 5. *Helvella philonotis* Dissing

Muğla-Çine old road 40. km Gelingeçmez area, in *Pinus brutia* forest, 200 m, 25.04.2003, Allı 1705.

##### 6. *Helvella queletii* Bres.

Bozdoğan, Altıntaş village, 784 m, 25.04.2003, Allı 1697.

##### 7. *Helvella solitaria* (P. Karst.) P. Karst.

Bozdoğan-Muğla road 18. km, in *Pinus brutia* forest, 772 m, 05.04.2003, Allı 1692.

##### 8. *Paxina acetabulum* (L.) Kuntze

Çine, İbrahim Kavağı village, in *Pinus brutia* forest, 840 m, 04.05.2004, Allı 1934.

##### 9. *Paxina leucomelas* (Pers.) Kuntze

Bozdoğan-Muğla road 15. km, in apple orchard, 762 m, 25.04.2003, Allı 1687.

##### *Morchellaceae*

##### 10. *Morchella angusticeps* Peck

Bozdoğan, Örentaht village, in *Pinus brutia* forest, 872 m, 25.04.2003, Allı 1670.

11. *Morchella conica* Pers. var. *conica*

Çine, İbrahim Kavağı village, Çukurtez area, in *Pinus brutia* forest, 955 m, 18.04.2004, Allı 1832.

12. *Morchella crassipes* (Vent.) Pers.

Söke-Kuşadası road, Gıranta area, under *Ulmus minor*, 168 m, 17.05.2002 Allı 1235.

13. *Morchella distans* Fr.

Bozdoğan, Örentaht village, in *Pinus brutia* forest, 873 m 25.04.2003, Allı 1670; Bozdoğan-Muğla road 15. km, in wine and apple orchard, 780 m, 25.04.2003, Allı 1681; Çine, İbrahim Kavağı village, in *Castanea sativa* forest, 810 m, Allı 1821; in *Pinus nigra* forest 1046 m, 18.04.2004, Allı 1833.

14. *Morchella elata* Fr.

Bozdoğan, Örentaht village, in *Pinus brutia* forest, 873 m 25.04.2003, Allı 1676; Çine, İbrahim Kavağı village, in *Pinus nigra* forest, 1046 m, 18.04.2004, Allı 1822; 810 m, Allı 1833c.

15. *Morchella esculenta* (L.) Pers.

Söke-Kuşadası road 20.km, Gıranta area, under *Ulmus minor*, 168 m, 30.04.2003, Allı 1732b.

16. *Morchella esculenta* var. *atrotoomentosa* M.M. Moser

Söke-Kuşadası road, Gıranta area, under *Ulmus minor*, 168 m, 30.04.2003, Allı 1732.

17. *Morchella rotunda* (Fr.) Boud.

Söke-Kuşadası road 20. km, Gıranta area, under *Ulmus minor*, 165 m, 30.04.2003, Allı 1732a.

18. *Verpa conica* (O.F. Müll.) Sw.

Bozdoğan, Altıntaş village, 745 m, 25.04.2003, Allı 1695.

**Pezizaceae**

19. *Peziza domiciliana* Cooke

Near Bafa Lake, in *Olea europaea* garden, 205 m, 21.10.2002, Allı 1377.

20. *Peziza granulosa* Schumach.

Near Bafa Lake, in *Olea europaea* garden, 205 m, 21.10.2002, Allı 1368.

21. *Peziza vesiculosa* Bull.

Bozdoğan, Altıntaş village, near the stream, 820 m, 09.05.2004, Allı 2005.

22. *Sarcosphaera crassa* (Santi) Pouzar

Kuşadası, Dilek Peninsula National park, Bademlik area, in *Pinus brutia* forest, 131 m, 01.02.2003, Allı 1689c.

**Pyronemataceae**

23. *Sepultaria arenicola* (Lév.) Massee

Bozdoğan-Nazilli road, 4. km, in *Pinus brutia* forest, 125 m, 23.03.2005, Allı 2132.

24. *Sepultaria arenosa* (Fuckel) Boud.

Bozdoğan, 40. km, near the road, in *Pinus brutia* forest, 645 m, 27.04.2002, Allı 1206.

25. *Tarzetta catinus* (Holmsk.) Korf & J.K. Rogers

Çine, İbrahim Kavağı village, Çukurtez area, in *Pinus brutia* forest, 843 m, 04.05.2004, Allı 1879.

**BASIDIOMYCETES**

**Agaricaceae**

26. *Agaricus campestris* L.

Çine, Alabanda area, in *Pinus brutia* forest, 150 m, 08.02.2003, Allı 1689 d.

27. *Agaricus campestris* var. *hortensis* Cooke

Muğla-Çine old road 40. km, Gelingemez area, in meadow, 194 m, 06.04.2002, Allı 1169; Çobanisa-Karpuzlu between, 18. km, 27.04.2002, Allı 1225; Kuşadası, Dilek Peninsula National park, Bademlik area, in *Pinus brutia* forest, 131 m, 23.10.2002, Allı 1410; Aydınlık area, in meadow, 54 m, 23.10.2002, Allı 1448.

28. *Agaricus menieri* Bon

Karacasu-Tavas between, entry antique theater Afrodisias, in meadow, 148 m, 06.10.2002, Allı 1296.

29. *Agaricus subfloccosus* (J.E. Lange) Hlaváček

Bozdoğan, Örentaht village, in *Pinus brutia* forest, 872 m, 06.10.2002, Allı 1264.

30. *Agaricus subperonatus* (J.E. Lange) Singer

Bozdoğan, Örentaht village, in *Pinus brutia* forest, 872 m, 06.10.2002, Allı 1240.

31. *Agaricus sylvaticus* Schaeff.

Bozdoğan, Örentaht village, in *Pinus pinea* forest, 872 m, 06.10.2002, Allı 1240.

32. *Coprinus alopecius* Lasch

Çine, İbrahim Kavağı village, in *Pinus brutia* forest, 819 m, 04.05.2004, Allı 1886.

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

Kuşadası, Dilek Peninsula National park, Tekçam area, in *Pinus brutia* forest, 452 m, 09.11.2002, Allı 1618a.

34. *Coprinus comatus* (O.F. Müll.) Pers.

Bozdoğan, Örentaht village, in *Pinus brutia* forest, 843 m, 06.10.2002, Allı 1236; Kuşadası, Dilek Peninsula National park, Aydınlık area, in *Pinus brutia* forest, 54 m, 23.10.2002, Allı 1451; Söke-Kuşadası road, Giranta area, in meadow, 168 m, 13.04.2004, Allı 1807; Çine, Kuruköy village, in riverbed, 158 m, 04.05.2004, Allı 1969; Bozdoğan-Kavaklıdere border, in riverbed, 843 m, 09.05.2004, Allı 1986.

35. *Coprinus disseminatus* (Pers.) Gray

Çine, Kuruköy village, on *Salix alba* in riverbed, 158 m, 04.05.2004, Allı 1956.

36. *Coprinus kuehneri* Uljé & Bas

Bozdoğan-Kavaklıdere border, in riverbed, 843 m, 09.05.2004, Allı 1987.

37. *Coprinus micaceus* (Bull.) Fr.

Muğla-Bozdoğan road 30. km, in *Pinus brutia* forest, 845 m, 08.11.2003, Allı 1760 a.

38. *Coprinus patouillardii* Quéf.

Çine, İbrahim Kavağı village, in *Pinus brutia* forest, 819 m, 13.05.2003, Allı 1735.

39. *Coprinus picaceus* (Bull.) Gray

Kuşadası, Dilek Peninsula National park, Tekçam area, in *Pinus brutia* forest, 449 m, 09.11.2002, Allı 1618.

40. *Coprinus radiatus* (Bolton) Gray

Bozdoğan, in *Pinus brutia* forest, 843 m, 09.05.2004, Allı 1982.

41. *Coprinus xanthothrix* Romagn.

Çine, İbrahim Kavağı village, 790 m, 04.05.2004, Allı 1862.

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

Near Bafa Lake, in *Olea europaea* garden, 205 m, 21.10.2002, Allı 1381.

43. *Leucoagaricus leucothites* (Vittad.) Wasser

Muğla-Bozdoğan road, 30. km, in apple garden, 714 m, 06.10.2002, Allı 1289.

44. *Macrolepiota mastoidea* (Fr.) Singer

Kuşadası, Dilek Peninsula National park, Kule area, in *Pinus brutia* forest, 921 m, 11.11.2002, Allı 1617; Kanyon area, in *Pinus brutia* forest, 300 m, 12.11.2002 Allı 1679; Köşk, Salavatlı village 78 m, 25.04.2003, Allı 1712.

45. *Macrolepiota phaeodisca* Bellù

Bozdoğan, entry Elderesi village, under *Quercus macrolepis*, 09.11.2002, Allı 1602.

46. *Macrolepiota procera* (Scop.) Singer

Bozdoğan, Örentaht village, in *Pinus brutia* forest, 872 m, 06.10.2002, Allı 1237; Kuşadası, Dilek Peninsula National park, Kule area, in *Pinus brutia* forest, 900 m, 11.11.2002, Allı 1645.

#### *Astraeaceae*

47. *Astraeus hygrometricus* (Pers.) Morgan

Muğla-Çine old road 40. km, Gelingeçmez area, in *Pinus brutia* forest, 200 m, 25.04.2003, Allı 1707.

#### *Auriculariaceae*

48. *Auricularia auricula-judae* (Bull.) Quéf.

Yenipazar-Nazilli road, near Büyük Menderes Stream, 114 m, 06.10.2002, Allı 1293; Kuşadası, Dilek Peninsula National park, Karasu area, on *Quercus ilex*, 131 m, 23.10.2002, Allı 1440.

49. *Auricularia mesenterica* (Dicks.) Pers.

Muğla-Çine old road 40. km, Gelingeçmez area, on, *Platanus orientalis*, 194 m, 06.04.2002, 192 m, Allı 1171.

#### *Bankeraceae*

50. *Boletopsis leucomelaena* (Pers.) Fayod

Bozdoğan, Örentaht village, in *Pinus brutia* forest, 872 m, 06.10.2002, Allı 1247.

#### *Bolbitiaceae*

51. *Agrocybe aegerita* (V. Brig.) Singer

Muğla-Bozdoğan road, 29. km, on *Salix alba*, 753 m, 06.10.2002, Allı 1291; Çine-Muğla road, 3. km, on *Salix alba*, 153 m, 04.05.2004, Allı 1939; Çine, Kuruköy village, on *Salix alba*, in riverbed, 158 m, 04.05.2004, Allı 1952; 1965; 1966; 1967; Çine-Muğla road 3. km, near the road, on *Salix alba*, 153 m, 04.05.2004, Allı 1973.

52. *Agrocybe praecox* (Pers.) Fayod

Bozdoğan road, Örentaht village, in *Pinus brutia* forest, 843 m, 09.05.2004, Allı 1988; Bozdoğan, Kızılyaka village, Portakallık area, in *Pinus brutia* forest, 705 m, 09.05.2004, Allı 2008.

53. *Agrocybe sphaeromorpha* (Bull. ex Fr.) Fayod

Bozdoğan, Kızılyaka village, Portakallık area, near the stream, 845 m, 09.05.2004, Allı 2002; Nazilli, Aksu

village, in *Pinus brutia* forest, 705 m, 09.05.2004, Allı 2014.

54. *Agrocybe vervacti* (Fr.) Singer

Çine, İbrahim Kavağı village, on *Morus alba*, 846 m, 04.05.2004, Allı 1904.

55. *Bolbitius vitellinus* (Pers.) Fr. var. *vitellinus*

Aydın, Çiftlikköy village, in cemetery, 65 m, 23.11.2003, Allı 1760e.

56. *Bolbitius vitellinus* var. *variicolor* (G.F. Atk.) Krieglst.

Çine, İbrahim Kavağı village, Çukurtez area, in *Pinus brutia* forest, 840 m, 04.05.2004, Allı 1905; Muğla-Bozdoğan road 30. km, in apple garden, 845 m, 09.04.2004, Allı 1995.

57. *Hebeloma mesophaeum* (Pers.) Fr.

Bozdoğan-Kavaklıdere border, near the stream, in *Pinus brutia* forest, 843 m, 09.05.2004, Allı 1985.

58. *Hebeloma sarcophyllum* (Peck) Sacc.

Çine, İbrahim Kavağı village, in *Pinus brutia* forest, 819 m, 04.05.2004, Allı 1886.

59. *Panaeolus olivaceus* F.H. Møller

Çine, İbrahim Kavağı village, near the garden, 820 m, 04.05.2004, Allı 1874; 1929; Muğla-Bozdoğan road 30. km, in apple garden, 845 m, 09.05.2004, Allı 2003.

60. *Panaeolus papilionaceus* (Bull.) Quél.

Çine, İbrahim Kavağı village, in meadow, 830 m, 04.05.2004, Allı 1897.

61. *Panaeolus rickenii* Hora

Muğla-Çine old road, 40. km, Gelineçmez area, in *Pinus brutia* forest, 200 m, 19.10.2002, Allı 1183; Çine, İbrahim Kavağı village, in meadow, 820 m, 18.04.2004, Allı 1831.

62. *Panaeolus semiovatus* (With.) S. Lundell

Çine, İbrahim Kavağı village, in meadow, 830 m, 04.05.2004, Allı 1903.

63. *Panaeolus sphinctrinus* (Fr.) Quél.

Kuşadası, Dilek Peninsula National park, Bademlik area, in *Pinus brutia* forest, 131 m, 23.10.2002, Allı 1414.

#### **Boletaceae**

64. *Boletus edulis* Bull.

Kuşadası, Dilek Peninsula National park, Karasu area, under *Quercus ilex*, 20 m, 23.10.2002, Allı 1427.

65. *Boletus impolitus* Fr.

Muğla-Çine old road 40. km, Gelineçmez area, on roots of *Quercus ilex*, 195 m, 19.10.2002, Allı 1328.

66. *Boletus reticulatus* Schaeff.

Çine, İbrahim Kavağı village, Çukurtez area, near the garden, in *Pinus brutia* forest, 840 m, 04.05.2004, Allı 1895; Bozdoğan, Altıntaş village, near the stream, in *Pinus pinea* forest, 820 m, 09.05.2004, Allı 2006.

67. *Xerocomus chrysenteron* (Bull.) Quél.

Bozdoğan, Altıntaş village, in *Pinus pinea* forest, 792 m, 11.06.2004, Allı 2075.

#### **Clavulinaceae**

68. *Clavulina cinerea* (Bull.) J. Schröt.

Kuşadası, Güzelçamlı, Dilek Peninsula National park, Karasu area, on *Ceratonia siliqua*, 20 m, 23.10.2002, Allı 1444.

69. *Clavulina rugosa* (Bull.) J. Schröt.

Yeşilçam-Örmepınarı between, in *Pinus brutia* forest, 760 m, 27.04.2002, Allı 1203.

#### **Cortinariaceae**

70. *Crepidotus calolepis* (Fr.) P. Karst.

Near the Bafa Lake, on roots of *Anagyris foetida*, 20 m, 21.10.2002, Allı 1390a.

71. *Crepidotus mollis* (Schaeff.) Staude

Kuşadası, Dilek Peninsula National park, Karasu area, on *Laurus nobilis*, 200 m, 23.10.2002, Allı 1437; Allı 1441; Kestanelik area, on *Castanea sativa*, 800 m, Allı 1659.

72. *Inocybe asterospora* Quél

Bozdoğan road, Örentaht village, in *Pinus brutia* forest, 875 m, 06.10.2002, Allı 1275.

73. *Inocybe atripes* G.F. Atk.

Çine, İbrahim Kavağı village, 817 m, in meadow, 04.05.2004, Allı 1925.

74. *Inocybe hirtella* Bres.

Çine, İbrahim Kavağı village, in meadow, 820 m, 18.04.2004, Allı 1836.

75. *Inocybe lanuginosa* (Bull.) P. Kumm.

Kuşadası, Dilek Peninsula National park, Kavaklı area, in *Pinus brutia* forest, 1m, 22.10.2002, Allı 1399.

#### **Entolomataceae**

76. *Entoloma pseudoturci* Noordel.

Nazilli, Aksu village, in *Pinus brutia* forest, 695 m, 09.05.2004, Allı 2020.

### **Ganodermataceae**

77. *Ganoderma adpersum* (Schulzer) Donk

Çine, Kuruköy village, on *Salix alba*, in riverbed, 158 m, 18.04.2004, Allı 1843; 04.05.2004, Allı 1957.

78. *Ganoderma applanatum* (Pers.) Pat.

Çine, Kuruköy village, 44. km, on *Platanus orientalis*, 690 m, 10.09.2004, Allı 2085 a.

79. *Ganoderma lucidum* (Curtis) P. Karst.

Çine, Kavşit village, on *Pinus brutia*, 740 m, 09.11.2002 Allı 1583.

80. *Ganoderma pfeifferi* Bres.

Çine, Kuruköy village, on *Salix alba*, in riverbed, 158 m, 04.05.04, Allı 1958.

81. *Ganoderma resinaceum* Boud.

Çine, Bıyıklı village, on *Malus sylvestris*, 211 m, 05.01.2003, Allı 1689 a.

### **Gastraceae**

82. *Geastrum badium* Pers.

Çine, İbrahim Kavağı village, Çukurtez area, in *Pinus brutia* forest, 843 m, 18.04.2004, Allı 1825.

83. *Geastrum pectinatum* Pers.

Germencik, entry tunnel Selatin, in *Pinus brutia* forest, 244 m, 10.01.2004, Allı 1761.

84. *Geastrum triplex* Jungh.

Near Bafa Lake, in *Olea europaea* garden, 205 m, 21.10.2002, Allı 1385.

### **Gloeophyllaceae**

85. *Gloeophyllum abietinum* (Bull.) P. Karst.

Aydın, Çiftlikköy village, in cemetery area, on *Cupressus sempervirens*, 68 m, 23.01.2005, Allı 2127a.

86. *Gloeophyllum sepiarium* (Wulfen) P. Karst.

Bozdoğan, 30. km, on *Pinus pinea*, 753 m, 06.10.2002, Allı 1285; Bozdoğan, 50. km, on *Alnus glutinosa*, 732 m, 05.06.2003, Allı 1752a.

87. *Gloeophyllum trabeum* (Pers.) Murrill

Bozdoğan, 50. km, 640 m, on *Liquidambar orientalis*, 05.06.2003, Allı 1752b.

### **Gomphidiaceae**

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

Çine, İbrahim Kavağı village, Çukurtez area, 780 m, 09.10.2004, Allı 2085 a.

### **Gyroporaceae**

89. *Gyroporus castaneus* (Bull.) Quél.

Kuşadası, Dilek Peninsula National park, Kavaklı area, in *Pinus brutia* forest, 240 m, 22.10.2002, Allı 1402.

### **Hapalopilaceae**

90. *Bjerkandera adusta* (Willd.) P. Karst.

Çine-Muğla road, 10 km, Kuruköy village, in riverbed, on *Salix alba*, 158 m 18.04.2004, Allı 1846; 04.05.2004 Allı 1954.

### **Hydnangiaceae**

91. *Laccaria bicolor* (Maire) P.D. Orton

Nazilli, Aksu village, in *Pinus brutia* forest, 705 m, 09.05.2004, Allı 2019.

92. *Laccaria laccata* (Scop.) Cooke

Çine, İbrahim Kavağı village, in meadow, 830 m, 04.05.2004 Allı 1876; Çine, İbrahim Kavağı village, 815 m, 04.05.2004, Allı 1930.

### **Hygrophoraceae**

93. *Hygrocybe conica* (Scop.) P. Kumm.

Aydın-İncirliova road 15. km, in *Pinus brutia* forest, 62 m, 13.01.2005, Allı 2127 d.

94. *Hygrophorus agathosmus* (Fr.) Fr.

Kuşadası, Dilek Peninsula National park, Kule area, in *Pinus brutia* forest, 921 m, 11.11.2002, Allı 1627.

### **Hygrophoropsidaceae**

95. *Tapinella panuoides* (Batsch) E.-J. Gilbert

Kuşadası, Dilek Peninsula National park, Kanyon area, on *Pinus brutia*, 23 m, 12.11.2002, Allı 1631.

### **Hymenochaetaceae**

96. *Coltricia perennis* (L.) Murrill

Muğla-Çine old road 40. km, near Gelingçemez area, in *Pinus brutia* forest, 200 m, 19.10.2002, Allı 1355.

97. *Hymenochaete rubiginosa* (Dicks.) Lév.

Çine, İbrahim Kavağı village, Çukurtez area, 843 m, near the garden, on stumps of *Castanea sativa*, 1046 m, 18.04.2004, Allı 1814.

98. *Inonotus dryadeus* (Pers.) Murrill

Kuşadası, Dilek Peninsula National park, Kavaklı area, on *Pinus brutia*, 1m, 22.10.2002, Allı 1401.

99. *Inonotus hispidus* (Bull.) P. Karst.

Çine, Kuruköy village, near the garden, on *Malus sylvestris*, 159 m, 21.11.2004, Allı 2105.

100. *Phellinus lundelli* Niemelä

Tavas-Karacasu border, on *Salix alba*, 13.06.2004, Allı 2085 a.

101. *Phellinus nigricans* (Fr.) P. Karst.  
Çine, Çatak village, Köztepesi area, on *Cistus creticus*,  
695 m, 18.04.2004, Allı 1838.

102. *Phellinus pini* (Brot.) Bondartsev & Singer  
Bozdoğan, Örentaht village, 872 m, 27.04.2002, Allı  
1199; Kuşadası, Dilek Peninsula National park, Kanyon  
area, on *Pinus brutia*, 262 m 12.11.2002, Allı 1632.

103. *Phellinus torulosus* (Pers.) Bourdot & Galzin  
Kuşadası, Dilek Peninsula National park, Karasu area, on  
*Quercus ilex*, 7 m, 23.10.2002, Allı 1434, Kanyon area,  
on *Pyrus amygdaliformis* var. *amygdaliformis*, 200 m,  
12.11.2002, Allı 1681; İçmeler area, on *Styrax officinalis*,  
29 m, 29.04.2003, Allı 1719.

104. *Phellinus tuberculosus* (Baumg.) Niemelä  
Near Bafa Lake, on *Amygdalus communis*, 50 m,  
17.05.2002, Allı 1234; Bozdoğan, 30. km, on *Pistacia  
lentiscus*, 753 m, 06.10.2002, Allı 1288.

#### ***Lycoperdaceae***

105. *Bovista nigrescens* Pers.  
Muğla-Çine old road 40. km, Gelineçmez area, in  
*Pinus brutia* forest, 200 m, 06.04.2002, Allı 1177; Allı  
1179; Bozdoğan, 50. km, in *Pinus brutia* forest, 643 m,  
27.04.2002, Allı 1207; Çine-Yatağan road, 10. km, in  
*Pinus brutia* forest, 173 m, 27.04.2002, Allı 1220;  
Muğla-Çine old road 40. km, Gelineçmez area, in *Pinus  
brutia* forest, 200 m, 27.04.2002, Allı 1220; Allı 1231;  
25.04.2003, Allı 1701; Buharkent, near the train road, in  
meadow, 553 m, 27.04.2003, Allı 1711; Çine, İbrahim  
Kavağı village, in meadow, 46 m, 04.05.2004, Allı 1892;  
Bozdoğan, Kızıldere village, Portakallık area, in *Pinus  
brutia* forest, 705 m, 09.05.2004, Allı 2009; Allı 2012.

106. *Bovista plumbea* Pers.  
Bozdoğan, Örentaht village, in *Pinus brutia* forest, 872  
m, 27.04.2002, Allı 1189; Bozdoğan, 50. km, in *Pinus  
brutia* forest, 643 m, 27.04.2002, Allı 1222; Bozdoğan,  
Örentaht village, in *Pinus brutia* forest, 875 m,  
06.10.2002, Allı 1274; Çine, İbrahim Kavağı village, in  
*Pinus brutia* forest, 846 m, 04.05.2004, Allı 1896;  
Nazilli, Aksu village, in meadow, 850 m, 09.05.2004,  
Allı 2013.

107. *Bovista pusilla* (Batsch) Pers.  
Bozdoğan, Örentaht village, in *Pinus brutia* forest, 872  
m, 27.04.2002, Allı 1210; near Bafa Lake, in *Olea  
europaea* garden, 20 m, 21.10.2002, Allı 1359.

108. *Handkea excipuliformis* (Scop.) Kreisel  
Muğla-Çine old road 40. km, Gelineçmez area, in *Pinus  
brutia* forest, 200 m, 19.10.2002, Allı 1323.

109. *Handkea utrififormis* (Bull.) Kreisel  
Çine, İbrahim Kavağı village, in meadow, 873 m,  
04.05.2004, Allı 1910; Bozdoğan, Altıntaş village,  
Karagedik area, in *Pinus brutia* forest, 796 m,  
11.06.2004, Allı 2083.

110. *Lycoperdon marginatum* Vittad.  
Muğla-Çine old road 40. km, Gelineçmez area, in *Pinus  
brutia* forest, 200 m, 06.04.2002, Allı 1178; Kuşadası,  
Dilek Peninsula National park, Karasu area, in *Quercus  
ilex* forest, 200 m, 23.10.2002, Allı 1438.

111. *Lycoperdon molle* Pers.  
Muğla-Çine old road 40. km, Gelineçmez area, in *Pinus  
brutia* forest, 202 m, 19.10.2002, Allı 1323a.

112. *Lycoperdon perlatum* Pers.  
Kavaklıdere-Bozdoğan road, 50. km, in *Pinus brutia*  
forest, 640 m, 27.04.2002, Allı 1218; Muğla-Çine old  
road 40. km, Gelineçmez area, in *Pinus brutia* forest,  
200 m, 19.10.2002, Allı 1332; Kuşadası, Dilek Peninsula  
National park, Aydınlık area, in *Pinus brutia* forest, 58  
m, 01.02.2003, Allı 1688a.

113. *Lycoperdon pyriforme* Schaeff.  
Near Bafa Lake, on root of *Olea europaea*, 59 m,  
21.10.2002, Allı 1377.

114. *Vascellum pratense* (Pers.) Kreisel  
Bozdoğan, Örentaht village, in *Pinus brutia* forest, 872  
m, 27.04.2002, Allı 1211.

#### ***Marasmiaceae***

115. *Armillaria mellea* (Vahl) P. Kumm.  
Örentaht-Bozdoğan road 15. km, on stumps of *Populus  
nigra*, 870 m, 08.11.2003, Allı 1760 f.

116. *Armillaria tabescens* (Scop.) Emel  
Çine, Kavşit village area, on *Prunus* sp., 753 m,  
09.11.2002, Allı 1558.

117. *Macrocystidia cucumis* (Pers.) Joss.  
Nazilli, Aksu village, in *Pinus brutia* forest, 09.05.2004,  
Allı 2016.

118. *Marasmiellus ramealis* (Bull.) Singer  
Çine, İbrahim Kavağı village, 820 m, in meadow,  
18.04.2004, Allı 2094.

119. *Marasmius androsaceus* (L.) Fr.

Muğla-Çine old road 40. km, Gelineçmez area, on small branches of *Pinus brutia*, 200 m, 06.04.2002, Allı 1163.

120. *Marasmius anomalus* Lasch ex Rabenh.

Çine, İbrahim Kavağı village, 840 m, in meadow, 04.05.2004, Allı 1890.

121. *Marasmius oreades* (Bolton) Fr.

Çine, İbrahim Kavağı village, near the garden, 820 m, in meadow, 04.05.2004, Allı 1867, 1872; Kavaklıdere-Bozdoğan road 50. km, in apple garden, 845 m, 09.05.2004, Allı 1994.

122. *Marasmius rotula* (Scop.) Fr.

Muğla-Çine old road 40. km, Gelineçmez area, on leaves of *Quercus infectoria*, 200 m, 19.10.2002, Allı 1325.

123. *Marasmius scorodonius* (Fr.) Fr.

Çine, İbrahim Kavağı village, in *Pinus brutia* forest, 840 m, 04.05.2004, Allı 1870.

124. *Marasmius torquescens* Quéf.

Çine, İbrahim Kavağı village, on branches of *Castanea sativa*, 846 m, 04.05.2004, Allı 1871.

125. *Marasmius wynnei* Berk. & Broome

Muğla-Çine old road 40. km, near Gelineçmez area, on branches of *Platanus orientalis* 209 m, 19.10.2002, Allı 1342.

126. *Strobilurus stephanocystis* (Kühner & Romagn. ex Hora) Singer

Çine, İbrahim Kavağı village, Çukurtez area, on cones of *Pinus brutia*, 800 m, 04.05.2004. Allı 1931.

127. *Strobilurus tenacellus* (Pers.) Singer

Kuşadası, Dilek Peninsula National park, Kule area, on cones of *Pinus brutia*, 920 m, 11.11.2002, Allı 1629.

#### **Meruliaceae**

128. *Chondrostereum purpureum* (Pers.) Pouzar

Çine, Ovacık village, on *Populus nigra*, 164 m, 22.02.2003, Allı 1688 d.

#### **Nidulariaceae**

129. *Crucibulum laeve* (Huds.) Kambly

Bozdoğan, Altıntaş village, Beylikyaylası area, on branches of *Alnus glutinosa*, 787 m, 11.06.2004, Allı 2082.

130. *Cyathus olla* (Batsch) Pers.

Nazilli, Güzelköy village, on branches of *Eucalyptus* sp., 220 m, 23.11.2003, Allı 1760c.

#### **Omphalotaceae**

131. *Omphalotus olearius* (DC.) Singer

Karacasu, Dandalaz area, on *Phillyrea latifolia*, 185 m, 06.10.2002, Allı 1297; near Bafa Lake, on *Styrax officinalis*, 59 m, 21.10.2002, Allı 1363; on *Olea europaea*, 120 m, 21.10.2002, Allı 1390; Kuşadası, Dilek Peninsula National park, Karasu area, on *Pistacia lentiscus*, 8 m, 22.10.2002, Allı 1423; Didim, Tavşanburnu National park, on *Arbutus unedo*, 20 m, 09.11.2002, Allı 1608.

#### **Paxillaceae**

132. *Paxillus involutus* (Batsch) Fr.

Germencik, near to Selatin tunnel, in *Pinus brutia* forest, 245 m, 10.01.2004, Allı 1760f.

#### **Phallaceae**

133. *Clathrus ruber* P. Micheli ex Pers.

Kuşadası, Güzelçamlı, Dilek Peninsula National park, Kavaklı area, in *Pinus brutia* forest, 12 m, 23.10.2002, Allı 1459; Kurucaova village, near the stream, 780 m, 11.06.2004, Allı 2084.

134. *Phallus impudicus* L.

Çine, Ovacık village, 160 m, 10.01.2004, Allı 1760 b.

#### **Phanerochaetaceae**

135. *Erythricium laetum* (P. Karst.) J. Erikss. & Hjortstam

Çine, İbrahim Kavağı village, Çukurtez area, on dead stump of *Castanea sativa*, 800 m, 18.04.2004, Allı 1827.

136. *Pulcherricium caeruleum* (Lam.) Parmasto

Bozdoğan-Muğla border, on *Ficus* sp., 795 m, 18.03.2005 Allı 2128.

#### **Pleurotaceae**

137. *Hohenbuehelia petaloides* (Bull.) Schulzer

Aydın-İncirliova road, 15. km, on roots of *Phlomis* sp., 62 m, 13.01.2005, Allı 2127b.

138. *Pleurotus cornucopiae* (Paulet) Rolland

Çine, Çiftlikköy village, on *Populus nigra*, 67 m, 18.03.2005, Allı 2131; Bozdoğan, Altıntaş village, on *Populus nigra*, 805 m, 23.03.2005, Allı 2144a.

139. *Pleurotus ostreatus* (Jacq.) P. Kumm.

Koçarlı road 5. km, on *Morus alba*, 53 m, 09.11.2002, Allı 1603; Çine, Kavşit village, on stump of *Populus nigra*, 752 m, 09.11.02, Allı 1590.

### **Pluteaceae**

140. *Amanita franchetii* (Boud.) Fayod

Kuşadası, Dilek Peninsula National park, Karasu area, in *Pinus brutia* forest, 200 m, 23.10.2002, Allı 1430.

141. *Amanita friabilis* (P.Karst.) Bas

Bozdoğan, 14. km, to Bozdoğan in *Pinus pinea* forest, 753 m, 06.10.2002 Allı 1283.

142. *Amanita mairei* Foley

Kuşadası, Dilek Peninsula National park, Karasu area, in *Pinus brutia* forest, 200 m, 23.10.2002, Allı 1426.

143. *Amanita ovoidea* (Bull.) Link

Yenice-Karacasu between, 32. km, near the road, in *Pinus brutia* forest, 205 m, 06.10.2002, Allı 1294; Kuşadası, Dilek Peninsula National park, Kanyon area, in *Pinus brutia* forest, 350 m, 12.11.2002, Allı 1674.

144. *Amanita pantherina* (DC.) Krombh.

Muğla-Çine old road 40. km, Gelineçmez area, in *Pinus brutia* forest, 197 m, 19.10.2002, Allı 1331; Kuşadası, Dilek Peninsula National park, in *Pinus brutia* forest, Kavaklı area, 240 m, 23.10.2002, Allı 1456.

145. *Amanita rubescens* Pers.

Muğla-Çine old road 40. km Gelineçmez area, in *Pinus brutia* forest, 194 m, 02.11.2002, Allı 1463a.

146. *Amanita solitaria* (Bull.) Fr.

Kuşadası, Dilek Peninsula National park, Bademlik area, in *Pinus brutia* forest, 210 m, 23.10.2002, Allı 1412.

147. *Amanita strobiliformis* (Paulet ex Vittad.) Bertill.

Muğla-Çine old road 40. km, Gelineçmez area, in *Pinus brutia* forest, 198 m, 19.10.2002, Allı 1327; Allı 1333; Didim, Tavşanburnu National park in *Pinus pinea* forest, 20 m, 09.11.2002, Allı 1609; Gelineçmez area, in *Pinus brutia* forest, 201 m, 25.04.2003, Allı 1704.

148. *Pluteus cervinus* (Schaeff.) P. Kumm.

Çine, İbrahim Kavağı village, Çukurtez area, on roots of *Castanea sativa*, 843 m, 1046 m, 04.05.2004, Allı 1903.

149. *Pluteus dryophiloides* P.D. Orton

Çine, Kuruköy village, in riverbed, 158 m, 04.05.2004, Allı 1970.

150. *Pluteus gracilis* (Bres.) J.E. Lange

Çine, Kuruköy village, on stumps of *Ficus carica*, in riverbed, 158 m, 04.05.2004, Allı 1953.

151. *Pluteus patricius* (Schulzer) Boud.

Çine-Muğla road, 10. km, Kuruköy village, on stumps of *Salix alba*, in riverbed, 158 m, 18.04.2004, Allı 1842.

152. *Pluteus roseipes* Höhn.

Çine, Kuruköy village, on stumps of *Salix alba*, in riverbed, 158 m, 04.05.2004, Allı 1945.

153. *Pluteus salicinus* (Pers.) P. Kumm.

Muğla-Bozdoğan road 25. km, on stumps of *Salix alba*, 845 m, 09.04.2004, Allı 1997.

154. *Pluteus thomsonii* (Berk. & Broome) Dennis

Çine, Kuruköy village, on stumps of *Salix alba*, in riverbed, 158 m, 04.05.2004, Allı 1960.

155. *Pluteus umbrosus* (Pers.) P. Kumm.

Çine, Kuruköy village, on stumps of *Salix alba*, in riverbed, 158 m, 04.05.2004, Allı 1940.

156. *Volvariella gloiocephala* (DC.) Boekhout & Enderle

Muğla-Çine old road 40. km, Gelineçmez area, 200 m, 19.10.2002, Allı 1335; Allı 1339.

### **Polyporaceae**

157. *Cerrena unicolor* (Bull.) Murrill

Muğla-Çine old road, 40. km, Gelineçmez area, on *Quercus aucheri*, 200 m, 19.10.2002, Allı 1354; Çine, İbrahim Kavağı village, Çukurtez area, on *Quercus* sp., 840 m, 13.05.2003, Allı 1742.

158. *Cinereomyces lindbladii* (Berk.) Jülich

Kuşadası, Dilek Peninsula National park, Kule area, on *Pinus brutia*, 900 m, 30.04.2003, Allı 1730.

159. *Fomes fomentarius* (L.) J. Kickx f.

Muğla-Çine old road 40. km Gelineçmez area, on *Platanus orientalis*, 194 m, 06.04.2002, Allı 1169; Çine, İbrahim Kavağı village, Çukurtez area, on *Populus nigra*, 800 m, 13.05.2003, Allı 1744; Bozdoğan, Altıntaş village, Beylikdere area, on *Juglans regia*, 782 m, 11.06.2004, Allı 2077; on *Alnus glutinosa*, Allı 2079.

160. *Funalia trogii* (Berk.) Bondartsev & Singer

Muğla-Çine old road, 40. km, Gelineçmez area, on *Quercus aucheri*, 198 m, 06.04.2002, Allı 1170; Kuşadası, Dilek Peninsula National park, Bademlik area, on *Juglans regia*, 131 m, 23.10.2002, Allı 1416; Çine, İbrahim Kavağı village, Çukurtez area, on *Platanus orientalis*, 840 m, 13.05.2003, Allı 1737; Allı 1740.

161. *Laetiporus sulphureus* (Bull.) Murrill  
Kuşadası, Dilek Peninsula National park, Bademlik area,  
on *Quercus ilex*, 131 m, 23.10.2002, Allı 1405.

162. *Lentinus tigrinus* (Bull.) Fr.  
Muğla-Bozdoğan road 30. km, on *Populus nigra*, 845 m,  
09.05.2004, Allı 1990.

163. *Perenniporia medulla-panis* (Jacq.) Donk  
Köşk, entry Salavatlı village, on *Olea europaea*, 93 m,  
25.04.2003, Allı 1715; Bozdoğan, Altıntaş village,  
Beylikdere area, on *Quercus* sp., 787 m, 11.06.2004, Allı  
2073.

164. *Phaeolus schweinitzii* (Fr.) Pat.  
Kuşadası, Dilek Peninsula National park, Kavaklı area,  
on *Pinus brutia*, 1 m, 21.10.2002, Allı 1396.

165. *Polyporus arcularius* (Batsch) Fr.  
Çine, İbrahim Kavağı village, on stump of, *Quercus  
coccifera*, 846 m, 04.05.2004, Allı 1881.

166. *Polyporus brumalis* (Pers.) Fr.  
Muğla-Çine old road, 40. km, Gelineçmez area, on  
branches of *Cistus salviifolius*, 203 m, 19.10.2002, Allı  
1174.

167. *Polyporus rhizophilus* (Pat.) Sacc.  
Muğla-Çine old road, 40. km, Gelineçmez area, on  
branches of *Cistus salviifolius*, 205 m, 06.04.2002, Allı  
1185.

168. *Polyporus tuberaster* (Jacq.) Fr.  
Muğla-Çine old road, 40. km, Gelineçmez area, on  
branches of *Quercus coccifera*, 205 m, 14.01.2004, Allı  
1800.

169. *Postia lactea* (Fr.) P. Karst.  
Kuşadası, Dilek Peninsula National park, Kestanelik area,  
on stumps of *Platanus orientalis*, 180 m, 11.11.2002, Allı  
1634.

170. *Trametes multicolor* (Schaeff.) Jülich.  
Bozdoğan, Altıntaş village, Beylikdere area, on *Quercus  
coccifera*, 787 m, 11.06.2004, Allı 2071.

171. *Trametes suaveolens* (L.) Fr.  
Bozdoğan, Altıntaş village, Beylikyaylası area, on *Pinus  
brutia*, 787 m, 11.06.2004, Allı 2071.

172. *Trametes versicolor* (L.) Lloyd  
Kuşadası, Dilek Peninsula National park, Kule road 7.  
km, on *Quercus cerris* and *Castanea sativa*, 145 m,  
30.04.2003, Allı 1727; Çine, İbrahim Kavağı village,

Çukurtez area, on *Salix alba*, 820 m, 13.05.2003, Allı  
1739.

173. *Trichaptum fuscoviolaceum* (Ehrenb.)  
Ryvarden  
Kuşadası, Dilek Peninsula National park, Kanyon area,  
on *Pinus brutia*, 285 m, 12.11.2002, Allı 1683.

#### *Psathyrellaceae*

174. *Lacrymaria lacrymabunda* (Bull.) Pat.  
Bozdoğan, Örentaht village, in *Pinus brutia* forest, 872  
m, 06.10.2002, Allı 1277.

175. *Psathyrella candolleana* (Fr.) Maire  
Çine, İbrahim Kavağı village, near the garden, in  
meadow, 820 m, 04.05.2004, Allı 1911; Çine, Kuruköy  
village, in riverbed, 158 m, 04.05.2004, Allı 1961;  
Bozdoğan, Kızıldere village, Portakallık area, in *Pinus  
brutia* forest, 705 m, 09.05.2004, Allı 2011.

176. *Psathyrella marcescibilis* (Britzelm.) Singer  
Nazilli, Aksu village, in meadow, 650 m, 09.05.2004,  
Allı 2026.

#### *Rhizopogonaceae*

177. *Rhizopogon luteolus* Fr.  
Bozdoğan, Örentaht village, in *Pinus brutia* forest, 873  
m, 06.10.2002, Allı 1270; Bozdoğan-Muğla road 18. km,  
in *Pinus brutia* forest, 753 m, 25.04.2003, Allı 1690.

178. *Rhizopogon roseolus* (Corda) Th. Fr.  
Çine, İbrahim Kavağı village, 820 m, 04.05.2004, Allı  
1937.

#### *Russulaceae*

179. *Lactarius chrysorheus* Fr.  
Kuşadası, Dilek Peninsula National park, Kavaklı area, in  
*Pinus brutia* forest, 12 m, 22.10.2002, Allı 1403; Çine,  
Kavşit village, in *Pinus brutia* forest, 750 m, 09.11.2002,  
Allı 1561; Allı 1570; Çine, Çatak village, in *Pinus brutia*  
forest, 700 m, 9.11.2002, Allı 1593; Muğla-Çine old  
road, 40. km, Gelineçmez area, in *Pinus brutia* forest,  
194 m, 14.01.2004, Allı 1777; Allı 1778.

180. *Lactarius deliciosus* (L.) Gray  
Bozdoğan, Örentaht village, in *Pinus pinea* forest, 873 m,  
06.10.2002, Allı 1280; Çine, Kavşit village, 750 m,  
09.11.2002, Allı 1562.

181. *Lactarius deterrimus* Gröger  
Bozdoğan, Örentaht village, in *Pinus pinea* forest, 873 m,  
06.10.2002, Allı 1242; Allı 1268.

182. *Lactarius semisanguifluus* R. Heim & Leclair  
Bozdoğan, Örentaht village, in *Pinus brutia* forest, 873 m, 06.10.2002, Allı 1242 a; Kuşadası, Dilek Peninsula National park, Tekçam area, in *Pinus brutia* forest, 840 m, 11.11.2002, Allı 1613.

183. *Russula cyanoxantha* (Schaeff.) Fr.  
Karacasu, Yenice village, in *Pinus brutia* forest, 205 m, 06.10.2002 Allı 1294; Muğla-Çine old road, 40. km, Gelingeçmez area, in *Pinus brutia* forest, 201 m, 19.10.2002, Allı 1337; 1338; 1347.

184. *Russula delicata* Fr.  
Bozdoğan, Örentaht village, in *Pinus pinea* forest, 872 m, 06.10.2002, Allı 1238; Muğla-Çine old road 40. km, Gelingeçmez area, in *Pinus brutia* forest, 195 m, 19.10.2002, Allı 1348; near Bafa Lake, in *Olea europaea* garden, 205 m, 21.10.2002, Allı 1383; Kuşadası, Dilek Peninsula National park, Çam limanı area, in *Pinus brutia* forest, 5 m, 23.10.2002, Allı 1418; Karasu area, in *Pinus brutia* forest, 7 m, 23.10.2002, Allı 1431; Çine, Kavşit village, in *Pinus brutia* forest, 750 m, 09.11.2002, Allı 1591.

185. *Russula foetens* (Pers.) Pers.  
Bozdoğan, Örentaht village, in *Pinus pinea* forest, 872 m, 06.10.2002, Allı 1263.

186. *Russula livescens* (Batsch) Bataille  
Kuşadası, Dilek Peninsula National park, Kavaklı area, in *Pinus brutia* forest, 240 m, 23.10.2002, Allı 1454.

187. *Russula ochroleuca* Pers.  
Kuşadası, Dilek Peninsula National park, Kestanelik area, in *Castanea sativa* forest, 449 m, 11.11.2002, Allı 1635.

188. *Russula vinosa* Lindblad  
Bozdoğan, Örentaht village, in *Pinus brutia* forest, 872 m, 06.10.2002, Allı 1260.

### **Schizophyllaceae**

189. *Schizophyllum commune* Fr.  
Çine, Kavşit village area, on *Pinus brutia*, 750 m, 09.11.2002, Allı 1585; Köşk, Salavatlı village, on *Quercus macrolepis*, 780 m, 27.04.2002, Allı 1713; Allı 1714; Çine, İbrahim Kavağı village, Çukurtez area, on *Castanea sativa*, 955 m, 13.05.2003, Allı 1734; 980 m, Allı 1749; Nazilli, Aksu village, near the stream, on *Juglans regia*, 458 m, 09.05.2004, Allı 2024; Bozdoğan, Altıntaş village, Beylikdere area, on *Malus sylvestris*, 792

m, 11.06.2004, on *Ficus carica*, Allı 2067, on *Citrus* sp., Allı 2069, Allı 2070.

### **Schizoporaceae**

190. *Hyphoderma radula* (Fr.) Donk  
Davutlar-Söke between, Karasu area, on *Laurus nobilis*, 238 m, 13.04.2004, Allı 1809.

### **Sclerodermataceae**

191. *Pisolithus arhizus* (Scop.) Rauschert  
Bozdoğan, 30. km, near road, in *Pinus pinea* forest, 753 m, 06.10.2002, Allı 1286; Kuşadası, Dilek Peninsula National park, Kule area, in *Pinus brutia* forest, 921 m, 11.11.2002, Allı 1639; Bozdoğan-Muğla road 15. km, 780 m, 25.04.2003, Allı 1685; Çine, İbrahim Kavağı village, Çukurtez area, in *Pinus brutia* forest, 840 m, 13.05.2003, Allı 1751.

192. *Scleroderma citrinum* Pers.  
Çine, İbrahim Kavağı village, Çukurtez area, in *Pinus brutia* forest, 795 m, 09.10.2004, Allı 2085 b.

193. *Scleroderma verrucosum* (Bull.) Pers.  
Kuşadası, Dilek Peninsula National park, Karasu area, in *Quercus ilex* forest, 20 m, 23.10.2002, Allı 1424.

### **Sparassidaceae**

194. *Sparassis crispa* (Wulfen) Fr.  
Koçarlı, Mersinbelen, village, on *Pinus brutia*, in village area, 214 m, 29.10.2002, Allı 1687.

### **Stereaceae**

195. *Amylostereum areolatum* (Chaillet ex Fr.) Boidin  
Kuşadası, Dilek Peninsula National park, tower road 7. km, on dead stump of *Castanea sativa*, 745 m, 30.04.2003, Allı 1724; 752 m, Allı 1726.

196. *Amylostereum laevigatum* (Fr.) Boidin  
Kuşadası, Dilek Peninsula National park İçmeler area, on *Ceratonia siliqua*, 2 m, 29.04.2003, Allı 1720.

197. *Stereum gausapatum* (Fr.) Fr.  
Çine, İbrahim Kavağı village, Çukurtez area, on *Quercus infectoria* subsp. *boissieri*, 955 m, 18.04.2004, Allı 1819.

198. *Stereum hirsutum* (Willd.) Pers.  
Muğla-Çine old road, 40. km, Gelingeçmez area, on *Quercus aucheri*, 200 m, 06.04.2002, Allı 1168; 30.04.2002, Allı 1232; Çobanisa-Karpuzlu between, 17. km, on *Quercus coccifera*, 150 m, 27.04.2002, Allı 1227; Allı 1228; Çine, Kavşit village, on *Quercus cerris*, 740

m, 09.11.2002, Allı 1586; Kuşadası, Dilek Peninsula National park, Tekçam area, on *Quercus coccifera*, 450 m, 09.11.2002, Allı 1586; tower road 7. km, on *Castanea sativa*, 752 m, 30.04.2003, Allı 1725; Çine, İbrahim Kavağı village, on *Quercus aucheri*, 840 m, 13.05.2003, Allı 1743; İbrahim Kavağı village, on *Quercus aucheri*, 870 m, 18.04.2004, Allı 1810; 1818; Çukurtez area, on *Quercus aucheri*, 955 m, Allı 1826.

199. *Stereum rugosum* Pers.

Çine, İbrahim Kavağı village, Çukurtez area, 820 m, 13.05.2003, Allı 1741; Bozdoğan, Kızıldere village, Portakallık area, near the stream, on *Platanus orientalis*, 818 m, 09.05.2004, Allı 2004.

200. *Stereum subtomentosum* Pouzar

Kuşadası, Güzelçamlı, Dilek Peninsula National park, Karasu area, on *Castanea sativa*, 131 m, 23.10.2002, Allı 1435; Çine, İbrahim Kavağı village, Çukurtez area, on *Quercus ilex*, 820 m, 13.05.2003, Allı 1738.

### ***Strophariaceae***

201. *Hypholoma fasciculare* (Huds.) P. Kumm.

Çine, İbrahim Kavağı village, on roots of *Castanea sativa*, 820 m, 04.05.2004, Allı 1906; Allı 1931; Muğla-Bozdoğan border, 780 m, 21.12.2003, Allı 1760b.

202. *Hypholoma sublateritium* (Schaeff.) Quél.

Çine, İbrahim Kavağı village, on stumps of *Castanea sativa*, 820 m, 04.05.2004 Allı 1893.

203. *Kuehneromyces mutabilis* (Schaeff.) Singer & A.H. Sm.

Çine, Kuruköy village, on stumps of *Populus nigra*, in riverbed, 158 m, 18.04.2004, Allı 1840.

204. *Pholiota carbonaria* A.H. Sm.

Aydın, Çiftlikköy village, on *Cupressus sempervirens*, in cemetery area, 63 m, 18.03.2005, Allı 2129.

205. *Pholiota cerifera* P. Karst.

Kuşadası, Dilek Peninsula National park, Kanyon area, on stumps of *Populus nigra*, 262 m, 12.11.2002, Allı 1670a.

206. *Pholiota lucifera* (Lasch) Quél.

Bozdoğan, Örentaht village, near the stream, on *Pinus brutia*, 843 m, 09.05.2004, Allı 1984.

207. *Stropharia aeruginosa* (Curtis) Quél.

Kuşadası, Dilek Peninsula National park, Kule area, in *Pinus brutia* forest, 921 m, 11.11.2002, Allı 1628.

208. *Stropharia aurantiaca* (Cooke) S. Imai

Çine, İbrahim Kavağı village, 843 m, in wine garden, 1046 m, 04.05.2004, Allı 1908.

209. *Stropharia coronilla* (Bull. ex DC.) Quél.

Muğla-Çine old road 40. km, Gelingeçmez area, in meadow, 200 m, 19.10.2002, Allı 1342; Kuşadası, Dilek Peninsula National park, Bademlik area, in *Pinus brutia* forest, 131 m, 23.10.2002, Allı 1408.

210. *Stropharia semiglobata* (Batsch) Quél.

Çine, İbrahim Kavağı village, near the garden, in meadow 820 m, 04.05.2004, Allı 1863; Allı 1866; İbrahim Kavağı village, in meadow, 840 m, 04.05.2004, Allı 1891; İbrahim Kavağı village in *Pinus brutia* forest, 873 m, 04.05.2004, Allı 1907.

### ***Suillaceae***

211. *Suillus collinitus* (Fr.) Kuntze

Bozdoğan, Örentaht village, 872 m, 27.04.2002, Allı 1187; 06.10.2002, Allı 1252; Allı 1255.

212. *Suillus granulatus* (L.) Roussel

Bozdoğan road, Örentaht village, in *Pinus pinea* forest, 875 m, 06.10.2002, Allı 1243.

213. *Suillus luteus* (L.) Roussel

Çine, İbrahim Kavağı village in meadow, 820 m, 04.05.2004, Allı 1937.

### ***Tremellaceae***

214. *Tremella mesenterica* Retz.

Çine, İbrahim Kavağı village, Çukurtez area, near the garden, on branches of *Castanea sativa*, 840 m, 18.04.2004, Allı 1820; 04.05.2004, Allı 1977.

### ***Tricholomataceae***

215. *Clitocybe costata* Kühner. & Romagn.

Bozdoğan, Örentaht village, in *Pinus brutia* forest, 872 m, 27.04.2002, Allı 1194.

216. *Clitocybe geotropa* (Bull.) Quél.

Kuşadası, Dilek Peninsula National park, Tekçam area, in *Pinus brutia* forest, 840 m, 11.11.2002, Allı 1614.

217. *Collybia extuberans* (Fr.) Quél.

Çine, İbrahim Kavağı village, in *Pinus nigra* forest, 1046 m, 18.04.2004, Allı 1823; 1828; 1829.

218. *Cystoderma amianthinum* (Scop.) Fayod

Bozdoğan, in *Pinus brutia* forest, 740 m, 21.12.2003, Allı 1760 d.

219. *Lepista nuda* (Bull.) Cooke

Köşk, İmamköy village, near *Olea europaea* garden, 102 m, 08.02.2004, Allı 1804.

220. *Melanoleuca substrictipes* Kühner

Çobanisa-Karpuzlu road, entry Karpuzlu, under *Quercus coccifera*, 150 m, 30.04.2002, Allı 1230.

221. *Mycena strobilicola* J. Favre & Kühner

Near Bafa Lake, on cones of *Pinus brutia*, 205 m, 21.10.2002, Allı 1379; Kuşadası, Dilek Peninsula National park, Karasu area, on cones of *Pinus brutia*, 5 m, 23.10.2002, Allı 1426; Kestanelik area, on cones of *Pinus brutia*, 450 m, 11.11.2002, Allı 1666; Kanyon area, 244 m, 12.11.2002, Allı 1670.

222. *Tricholoma batschii* Gulden

Aydın-İncirliova road 15. km, in *Pinus brutia* forest, 60 m, 13.01.2005, Allı 2127 c.

223. *Tricholoma caligatum* (Viv.) Ricken

Karacasu, Alemler village, in *Pinus brutia* forest, 217 m, 03.01.2004, Allı 1760; Gençay area, in *Pinus brutia* forest, 211 m, 23.01.2005, Allı 2005.

224. *Tricholoma terreum* (Schaeff.) P. Kumm.

Muğla-Bozdoğan road 25. km, in *Pinus brutia* forest, 672 m, 27.04.2002, Allı 1200; 06.10.2002, Allı 1258.

**Tulostomataceae**

225. *Battarrea phalloides* (Dicks.) Pers.

Koçarlı, Çakmar village, under the *Cupressus sempervirens*, 39 m, 09.11.2002, Allı 1604.

226. *Tulostoma brumale* Pers.

Çine, Kuruköy village, in *Pinus brutia* forest, 570 m, 01.02.2003, Allı 1689 b.

## Discussion

In this study 226 taxa of macrofungi were collected from the study area, of which 25 belong to *Ascomycotina* and 201 to *Basidiomycotina*. There have been some similar studies on the neighborhood regions; Işıloğlu & Watling (1992), Işıloğlu & Öder (1995), Solak et al. (1999), Solak & Yılmaz (2003), Afyon et al. (2005). This is the first detailed study for the region. There are some similarities between this study and mentioned former studies. The reason for these similarities is that four areas have similar habitats and flora. On the other hand, this study is a contribution to Turkish macromycota.

## Acknowledgements

We would like to thank TÜBİTAK (The Scientific and Technical Research Council of Turkey) for supporting this project (TBAG-102T106) financially and special thanks due to Prof. Muhsin Konuk, Prof. Ahmet Afyon and Dr. Shaun Pennycook for reviewing the paper and for their helpful comments.

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