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Contribution to the knowledge of the beech-woods mycological flora in the Madonie Mts (N. Sicily)

Abstract

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The results of the investigations carried out on the mycological flora occurring in a beech-wood of Madonie Mts (N. Sicily) are reported here. 216 taxa were recorded, 30 of which are new for Sicily. The presence of rare taxa such as *Amanita ceciliae*, *Helvella solitaria* and *Macrotiophula fistulosa* is noteworthy.

Introduction

The knowledge on the mycological flora of the Madonie Mts is so far limited to the data recorded in the second half of XIX century by Minà Palumbo and Inzenga (Venturella & Mazzola 1991).

According to these authors, only 65 taxa (i.e. 4.4 % of the taxa recorded in Sicily) occur in the Madonie Mts. These data are in contrast with the knowledge on the vascular flora, i.e. more than 50 % of tracheophytes recorded in Sicily occur in the Madonie area.

Recently some papers were published, referring to E. Sicily and concerning the wood mycocoenoses of *Betula aetnensis* Rafin. (Napoli 1993), *Pinus laricio* Poirét (Signorello 1996a) and *Quercus ilex* L. (Signorello 1996b).

As far as the beech-woods are concerned, the only data from Sicily are reported in Venturella (1994). They refer to few taxa collected in woods of *Fagus sylvatica* L. in the territories of Geraci Siculo and Polizzi Generosa within the Madonie Park and in the territory of S. Fratello (province of Messina).

Since 1994 periodical observations on the beech-wood mycological flora of the Madonie Mts were carried out in order to widen the knowledge on Sicilian macrofungi.

Materials and methods

Field investigations were carried out in Piano della Madonna, Cozzo Cerasa, Monte dei

Cervi and Pizzo Colla, localities placed in the territory of Polizzi Generosa, within the Madonie Park (Fig. 1).

Each recorded taxon was included in a list together with the locality, date of collection, habitat and cartographic references. These last data are obtained according to the methodology proposed by Padovan (1994) and refer to the sheets no. 609 (Termini Imerese) of the grid map 1: 50000 (Official Map of the Italian State) divided in 16 subunits. Consequently the localities investigated are numbered as follows: Piano della Madonna (609611 and 609612), Cozzo Cerasa (609612), Monte dei Cervi (609611) and Pizzo Colla (609611). The new records for the Madonie Mts are marked with an asterisk in the list of the data recorded.

Within the subdivisions Ascomycotina and Basidiomycotina each genus is included in the respective family according to Hawksworth & al. (1995), while the scientific binomials and trinomials are got from Moser (1980), Breitenbach & Kränzlin (1981), Dennis (1981), Cappelli (1984), Alessio (1985), Riva (1988), Jülich (1989), Bernicchia (1990), Candusso & Lanzoni (1990), Noordeloos (1992), Bidaud & al. (1993), Courtecuisse (1994) and Antonin & Noordeloos (1997).

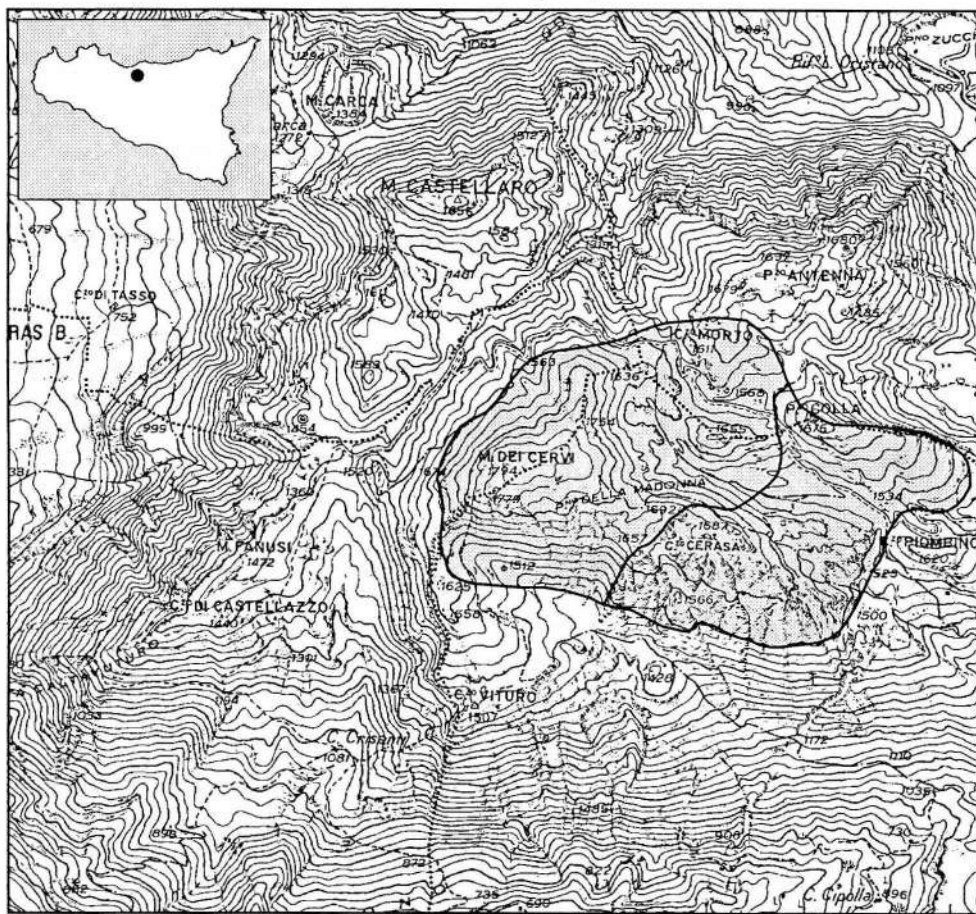


Fig. 1. Map showing the areas investigated.

Fagus sylvatica woods in the Madonie Mts

In the Madonie Mts, *Fagus sylvatica* woods are mainly widespread in the slopes facing north between 1400 and 1900 m. They are generally discontinuous except for the Monte Mufara, Pizzo Antenna Grande, Piano della Madonna, Cozzo Cerasa, Monte dei Cervi, Pizzo Colla, Monte Daino and Monte San Salvatore beech-woods.

Fagus sylvatica L. is dominant in the tree layer and is often associated with *Acer pseudoplatanus* L. In the shrub layer, apart from beech, *Sorbus graeca* (Spach) Kotschy, *Orthilia secunda* (L.) House, *Euphorbia amygdaloides* L. subsp. *arbuscula* Meusel and, sporadically, *Rhamnus catharticus* L., *Crataegus laciniata* Ucria, and *Ilex aquifolium* L. occur.

The herbaceous layer is characterized by few species such as *Doronicum orientale* Hoffm., *Anemone apennina* L., *Cyclamen hederifolium* Aiton, *Lamium flexuosum* Ten. var. *pubescens* Sibth., *Scilla bifolia* L., *Galium odoratum* (L.) Scop., *Corydalis solida* (L.) Swartz, *Monotropa hypopitys* L., *Neottia nidus-avis* (L.) L. C. M. Richard, *Mycelis muralis* (L.) Dumort., *Cardamine chelidonia* L., *Cephalantera rubra* (L.) L. C. M. Richard, *C. damasonium* (Miller) Druce, *Allium pendulinum* Ten., *Ranunculus umbrosus* Ten. et Guss., etc.

According to Gentile (1968), Sicilian beech-woods are referred to the *Aquifolio-Fagetum* Gentile 1969 belonging to the *Geranio versicoloris-Fagion* Gentile 1969.

As regards the calcareous beech-woods of the Madonie Mts, Raimondo (1980) repropose the previous interpretation given by Hofmann (1960), stating that they are included in the *Anthriscio-Fagetum aceretosum* Hofmann 1960.

The *Geranio versicoloris-Fagion* is also well represented in the Madonie area and it is characterized by more or less scattered plants of *Fagus sylvatica*.

The shrub layer is characterized by *Crataegus laciniata* Ucria, *Rosa sicula* Tratt., *Prunus mahaleb* L. var. *prostrata* Lojac., *Berberis aetnensis* Presl and *Astragalus nebrodensis* (Guss.) Strobl, while in the herbaceous layer, the taxa of the neighbouring mesophilous and xerophilous environments are predominant.

In the beech-wood glades, pastures of *Cachrys ferulacea* (L.) Calestani and *Astragalus nebrodensis* (Guss.) Strobl, occur together with *Euphorbia myrsinites* L., *Cerastium tomentosum* L., *Phleum ambiguum* Ten. and *Artemisia alba* Turra.

Cacrhietum ferulaceae Raimondo 1980, occurs in 20% of the mountainous surface of Madonie and it is found from 1100-1200 m to the peak plains. It grows in sunny areas, particularly arid in spring-summer times, in lithosols, where the vegetation occupies the cracks and the superficial deposits of the outcrop rocks and, only in some parts, in not calcareous substrata, or in soils developed on peltic matrix.

The reforestation made in the whole Madonie area in the '60s justifies the presence in the glades and within the woods of many plants of *Pinus nigra* Arnold, *Cedrus atlantica* (Endl.) Carrière and *Pseudotsuga menziesii* Franco var. *menziesii*.

General characters of the areas investigated

Beech-woods of Piano della Madonna, Cozzo Cerasa, Monte dei Cervi and Pizzo Colla are distributed from 1501 to 1750 m.

Climate is strongly influenced by altitude and by slopes exposure. Rainfalls are mainly concentrated in autumn-winter, sometimes they also extend to spring while they are very scarce in summer.

As regards temperatures they gradually increase from January to April and reach the highest level from May to July. In the second half of August they lightly decrease to the lowest degrees from October to December. Snowfalls are mainly concentrated between December and February and sometimes they can also occur in spring.

Unfortunately owing to the limited number of the weather-stations in the Madonie territory and their absence in the investigated areas the evaluation of the thermo-pluviometric data is rather approximate.

The nearest weather-station to the areas investigated is Pomieri whose data of which are reported below, although they refer only to the period 1985-1998.

	J	F	M	A	M	J	J	A	S	O	N	D	Year
1985	266.4	127.6	135.2	153.0	50.4	0.6	-	0.8	25.0	99.6	79.0	17.4	955.0
1986	145.4	176.8	216.8	28.2	8.6	15.6	2.0	-	85.0	239.2	120.6	215.4	1253.6
1987	87.8	255.6	131.8	28.6	78.6	18.6	-	1.2	10.0	71.2	214.8	111.4	1009.6
1988	283.4	135.6	269.2	113.4	20.2	10.2	-	21.2	98.2	21.0	110.0	138.4	1220.8
1989	30.4	29.2	27.0	67.6	39.4	30.0	29.0	9.6	46.6	143.2	51.8	131.4	635.2
1990	74.6	56.0	58.4	197.8	101.2	6.4	4.8	35.6	29.2	133.6	222.0	174.6	1094.2
1991	*	*	*	*	*	*	*	*	*	*	*	*	*
1992	223.4	31.4	45.2	227.4	105.6	77.0	4.0	11.2	57.0	84.0	96.6	155.8	1118.6
1993	98	108.2	102.0	50.4	96.0	0.8	0.2	0.4	35.0	203.6	158.8	135.2	988.6
1994	214.8	391.4	2.0	170.8	12.0	38.2	22.4	7.0	30.8	35.4	155.0	137.4	1217.2
1995	78.0	69.4	138.2	103.0	19.4	6.6	24.2	69.2	159.8	8.0	319.2	181.2	1176.2
1996	295.6	236.6	275.0	94.4	109.0	184.2	1.2	21.2	114.2	344.4	136.2	480.8	2292.8
1997	111.0	52.6	82.2	139.0	23.4	4.8	0.2	79.6	133.4	183.6	319.0	225.0	1353.8
1998	136.8	165.0	79.8	52.4	49.0	1.4	-	*	*	*	*	*	*

* Data not available.

Finally it is to be noted that the slopes facing north are influenced by wet currents contributing to increase the water supply as hidden precipitations.

As regards the geological characters, the Madonie territory is mainly represented by calcareous sedimentary rocks which arised, starting from the Triassic, about 200 million years ago. Particularly in the Monte dei Cervi area dolomitic breccias of the Fanusi formation are present. According to Fierotti & al. (1988) the Monte dei Cervi area is characterized by lithosols, rock outcrop and brown soils.

Data recorded

ASCOMYCOTINA

Dermateaceae

**Mollisia cinerea* (Batsch : Fr.) P. Karsten — on fallen branches of *F. sylvatica* L.

Piano della Madonna, 24 Jun 1995, 18 May 1996, leg. A. Saitta, 609611-609612;

Cozzo Cerasa, 24 Jun 1995, 18 May 1996, leg. A. Saitta, 609612.

**Mollisia melaleuca* (Fr. : Fr.) Sacc. — on fallen branches of *F. sylvatica* L.

Piano della Madonna, 18 May 1996, leg. A. Saitta, 609611-609612; **Pizzo Colla**, 18 May 1996, leg. A. Saitta, 609611.

Diatrypaceae

Diatrype disciformis (Hoffman : Fr.) Fr. — on fallen branches of *F. sylvatica* L.

Piano della Madonna, 04 Aug 1994, 01 Dec 1994, 12 May 1995, 09 Jun 1995, 13 Jul 1995, 15 Sep 1995, 18 May 1996, 20 Jun 1996, 06 Sep 1996, 10 Oct 1996, 18 Dec 1996, 12 May 1997, 20 Jun 1997, 25 Jul 1997, 28 Sep 1997, 05 Oct 1997, 12 Nov 1997, 15 Dec 1997, 16 May 1998, 03 Jun 1998, leg. G. Venturella & A. Saitta, 609611-609612; **Cozzo Cerasa**, 02 Sep 1994, 15 Oct 1994, 03 Nov 1994, 01 Dec 1994, 12 May 1995, 09 Jun 1995, 15 Sep 1995, 18 May 1996, 20 Jun 1996, 18 Dec 1996, 12 May 1997, 05 Jun 1997, 08 Aug 1997, 14 Sep 1997, 30 Oct 1997, 05 Nov 1997, 15 Dec 1997, 16 May 1998, leg. G. Venturella & A. Saitta, 609612; **Monte dei Cervi**, 04 Aug 1994, 02 Sep 1994, 15 Oct 1994, 24 Nov 1994, 01 Dec 1994, 12 May 1995, 09 Jun 1995, 23 May 1996, 20 Jun 1996, 06 Sep 1996, 10 Oct 1996, 05 Jun 1997, 25 Jul 1997, 08 Aug 1997, 14 Sep 1997, 23 Oct 1997, 05 Nov 1997, 15 Dec 1997, 16 May 1998, leg. G. Venturella & A. Saitta, 609611; **Pizzo Colla**, 20 Oct 1994, 24 Nov 1994, 01 Dec 1994, 12 May 1995, 09 Jun 1995, 02 Sep 1995, 18 May 1996, 23 May 1996, 20 Jun 1996, 06 Sep 1996, 08 Aug 1997, 14 Sep 1997, 30 Oct 1997, 16 May 1998, 03 Jun 1998, leg. G. Venturella & A. Saitta, 609611.

Helvellaceae

Helvella acetabulum (L. : Fr.) Quélet — in beech litter.

Piano della Madonna, 29 May 1998, 03 Jun 1998, leg. G. Venturella & A. Saitta, 609611-609612; **Pizzo Colla**, 23 May 1998, 29 May 1998, 03 Jun 1998, leg. G. Venturella & A. Saitta, 609611.

Helvella lacunosa Afzel. : Fr. — in beech litter.

Piano della Madonna, 18 May 1996, 16 May 1998, 23 May 1998, 29 May 1998, 03 Jun 1998, leg. G. Venturella & A. Saitta, 609611-609612; **Cozzo Cerasa**, 18 May 1996, 12 Jun 1997, 16 May 1998, 23 May 1998, 29 May 1998, 03 Jun 1998, leg. G. Venturella & A. Saitta, 609612; **Monte dei Cervi**, 16 May 1998, 23 May 1998, 29 May 1998, 03 Jun 1998, leg. G. Venturella & A. Saitta, 609611; **Pizzo Colla**, 18 May 1996, 21 Jun 1996, 12 Jun 1997, 16 May 1998, 23 May 1998, 29 May 1998, 03 Jun 1998, leg. G. Venturella & A. Saitta, 609611.

**Helvella solitaria* P. Karsten — in the wood glades.

Piano della Madonna, 03 Jun 1998, leg. A. Saitta, 609611-609612.

Hyaloscyphaceae

**Dasyscyphus bicolor* (Bull. : Fr.) Fuckel — on fallen branches of *F. sylvatica* L.

Piano della Madonna, 21 Aug 1995, 15 Sep 1995, 21 May 1997, 20 Jun 1997,

08 Aug 1997, 10 Oct 1997, leg. *G. Venturella* & *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 24 May 1995, 24 Jun 1995, 13 Jul 1995, 21 Jul 1995, 21 Aug 1995, 15 Sep 1995, 10 Oct 1997, leg. *G. Venturella* & *A. Saitta*, 609612; **Monte dei Cervi**, 24 May 1995, 24 Jun 1995, 15 Sep 1995, 21 May 1997, 20 Jun 1997, 08 Aug 1997, 10 Oct 1997, leg. *G. Venturella* & *A. Saitta*, 609611; **Pizzo Colla**, 21 Jul 1995, 21 May 1997, 20 Jun 1997, 08 Aug 1997, 10 Oct 1997, leg. *G. Venturella* & *A. Saitta*, 609611.

**Dasyscyphus virgineus* S. F. Gray — on cupules of *F. sylvatica* L.

Piano della Madonna, 24 Jun 1995, 25 Jul 1997, leg. *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 24 Jun 1995, leg. *A. Saitta*, 609612.

Leotiaceae

**Hymenoscyphus calyculus* (Sow. : Fr.) Phillips — on fallen branches of *F. sylvatica* L.

Piano della Madonna, 27 Oct 1994, 15 Oct 1996, leg. *A. Saitta*, 609611-609612; **Monte dei Cervi**, 27 Oct 1994, 15 Oct 1996, leg. *A. Saitta*, 609611.

Morchellaceae

**Morchella elata* Fr. : Fr. — in the wood glades.

Pizzo Colla, 23 May 1996, 12 May 1997, leg. *A. Saitta*, 609611.

**Morchella esculenta* L. : Fr. — in the wood glades.

Pizzo Colla, 16 May 1998, leg. *G. Venturella* & *A. Saitta*, 609611.

Nitschkiaceae

**Bertia moriformis* (Tode : Fr.) De Not. — on fallen branches of *F. sylvatica* L.

Piano della Madonna, 13 Jul 1995, 21 Jul 1995, leg. *G. Venturella* & *A. Saitta*, 609611-609612; **Pizzo Colla**, 24 Jun 1995, 21 Jul 1995, leg. *G. Venturella* & *A. Saitta*, 609611.

Otideaceae

**Otidea cochleata* (L. : Fr.) Fuckel — in beech litter.

Piano della Madonna, 23 May 1996, 21 Jun 1996, 27 May 1997, leg. *A. Saitta*, 609611-609612; **Monte dei Cervi**, 21 Jun 1996, 27 May 1997, 05 Jun 1997, leg. *A. Saitta*, 609611.

**Otidea onotica* (Pers. : Fr.) Fuckel — in beech litter.

Piano della Madonna, 09 Sep 1995, leg. *G. Venturella* & *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 09 Sep 1995, 19 Nov 1995, 05 Oct 1997, leg. *G. Venturella* & *A. Saitta*, 609612; **Monte dei Cervi**, 09 Sep 1995, 19 Nov 1995, leg. *A. Saitta*, 609611; **Pizzo Colla**, 09 Sep 1995, 05 Oct 1997, leg. *A. Saitta*, 609611.

**Tarzetta catinus* (Holmskj. : Fr.) Korf & Rogers — in beech litter.

Piano della Madonna, 16 May 1998, 23 May 1998, 29 May 1998, leg. *G. Venturella*

& A. Saitta, 609611-609612; **Cozzo Cerasa** 16 May 1998, 23 May 1998, 29 May 1998, leg. G. Venturella & A. Saitta, 609612; **Monte dei Cervi**, 29 May 1998, 03 Jun 1998; leg. A. Saitta, 609611; **Pizzo Colla**, 16 May 1998, 23 May 1998, 29 May 1998, 03 Jun 1998, leg. G. Venturella & A. Saitta, 609611.

Pezizaceae

**Peziza badia* Pers. : Fr. — in beech litter.

Piano della Madonna, 20 Jun 1996, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 20 Jun 1996, leg. A. Saitta, 609612.

Peziza badiocconfusa Korf — in beech litter.

Piano della Madonna, 23 May 1998, 29 May 1998, leg. G. Venturella & A. Saitta, 609611-609612; **Cozzo Cerasa**, 23 May 1998, 29 May 1998, leg. G. Venturella & A. Saitta, 609612; **Pizzo Colla**, 23 May 1998, 29 May 1998, leg. G. Venturella & A. Saitta, 609611.

Sarcoscyphaceae

Sarcoscypha coccinea (Scop. : Fr.) Lambotte. — on fallen branches of *F. sylvatica* L.

Piano della Madonna, 12 May 1995, 15 Dec 1997, leg. A. Saitta, 609611-609612; **Monte dei Cervi**, 18 Dec 1996, 15 Dec 1997, leg. A. Saitta, 609611.

Tuberaceae

**Tuber excavatum* Vittad. — hypogeous.

Monte dei Cervi, 28 Jun 1998, leg. G. Venturella & A. Saitta, 609611.

Xylariaceae

**Hypoxylon cohaerens* (Pers. : Fr.) Fr. — on fallen branches of *F. sylvatica* L.

Piano della Madonna, 03 Jun 1998, 22 Jul 1998, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 14 Aug 1998, leg. A. Saitta, 609612; **Monte dei Cervi**, 03 Jun 1998, 22 Jul 1998, 14 Aug 1998, leg. A. Saitta, 609611; **Pizzo Colla**, 14 Aug 1998, leg. A. Saitta, 609611.

**Hypoxylon serpens* (Pers. : Fr.) Fr. — on fallen branches of *F. sylvatica* L.

Piano della Madonna, 09 Jun 1995, leg. G. Venturella & A. Saitta, 609611-609612; **Monte dei Cervi**, 09 Jun 1995, leg. G. Venturella & A. Saitta, 609611.

**Xylaria hypoxylon* (L. : Fr.) Greville — on fallen branches of *F. sylvatica* L.

Piano della Madonna, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 02 Sep 1995, 21 Jun 1996, 10 Oct 1996, 12 Nov 1997, 16 May 1998, 23 May 1998, 29 May 1998, 03 Jun 1998, leg. G. Venturella & A. Saitta, 609611-609612; **Cozzo Cerasa**, 03 Nov 1994, 24 Nov 1994, 02 Sep 1995, 10 Oct 1996, 05 Oct 1997, 15 Oct 1997, 12 Nov 1997, 16 May 1998, 23 May 1998, 29 May 1998, 03 Jun 1998, leg. G. Venturella &

A. Saitta, 609612; **Monte dei Cervi**, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 02 Sep 1995, 21 Jun 1996, 10 Oct 1996, 05 Oct 1997, 15 Oct 1997, 12 Nov 1997, 16 May 1998, 23 May 1998, 29 May 1998, 03 Jun 1998, leg. G. Venturella & A. Saitta, 609611; **Pizzo Colla**, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 02 Sep 1995, 21 Jun 1996, 12 Nov 1997, 16 May 1998, 23 May 1998, 03 Jun 1998, leg. G. Venturella & A. Saitta, 609611.

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Agaricaceae

Agaricus silvicola (Vittad.) Peck — in the wood glades.

Piano della Madonna, 15 Sep 1995, 20 Sep 1997, 28 Sep 1997, leg. G. Venturella & A. Saitta, 609611-609612; **Cozzo Cerasa**, 15 Sep 1995, leg. G. Venturella & A. Saitta, 609612; **Monte dei Cervi**, 20 Sep 1997, 28 Sep 1997, leg. A. Saitta, 609611; **Pizzo Colla**, 02 Sep 1995, 15 Sep 1995, 28 Sep 1997, leg. A. Saitta, 609611.

**Agaricus xanthoderma* Gènev. var. *griseus* (Pears.) Bon & Cappelli — in the wood glades.

Piano della Madonna, 24 Nov 1994, 10 Oct 1996, 15 Oct 1997, leg. A. Saitta, 609611-609612; **Pizzo Colla**, 10 Oct 1996, 15 Oct 1997, 19 Oct 1997, leg. A. Saitta, 609611.

**Lepiota castanea* Quélet — in beech litter.

Piano della Madonna, 30 Sep 1995, leg. A. Saitta, 609211-609212.

**Lepiota clypeolaria* (Bull. : Fr.) P. Kummer — in beech litter.

Piano della Madonna, 03 Nov 1994, leg. G. Venturella & A. Saitta, 609611-609612; **Monte dei Cervi**, 03 Nov 1994, 10 Oct 1996, leg. G. Venturella & A. Saitta, 609611.

Lepiota cortinarius Lange — in beech litter.

Piano della Madonna, 24 Nov 1994, 15 Sep 1995, leg. G. Venturella & A. Saitta, 609611-609612; **Monte dei Cervi**, 01 Dec 1994, 15 Sep 1995, 10 Oct 1997, leg. A. Saitta, 609611.

Lepiota cristata (Alb. & Schw. : Fr.) P. Kummer — in beech litter.

Piano della Madonna, 03 Nov 1994, 15 Sep 1995, 15 Oct 1997, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 01 Dec 1994, 15 Sep 1995, 28 Sep 1997, leg. A. Saitta, 609612.

Macrolepiota mastoidea (Fr. : Fr.) Singer — in the wood glades.

Piano della Madonna, 30 Sep 95, 06 Sep 1996, 14 Sep 1996, 17 Sep 1996, 14 Sep 1997, 19 Oct 1997, leg. G. Venturella & A. Saitta, 609611-609612; **Cozzo Cerasa**, 28 Sep 1997, 05 Oct 1997, leg. G. Venturella & A. Saitta, 609612; **Monte dei Cervi**, 20 Oct 1994, 28 Sep 1997, 05 Oct 1997, 15 Oct 1997, leg. G. Venturella & A. Saitta,

609611; **Pizzo Colla**, 30 Sep 95, 06 Sep 1996, 14 Sep 1996, leg. *G. Venturella* & *A. Saitta*, 609611.

Macrolepiota procera (Scop. : Fr.) Singer — in the wood glades.

Piano della Madonna, 15 Oct 1994, 20 Oct 1994, 03 Nov 1994, 30 Sep 1995, 28 Sep 1997, 10 Oct 1997, leg. *G. Venturella* & *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 24 Nov 1994, 09 Sep 1995, 15 Sep 1995, 30 Sep 1995, 06 Sep 1996, 14 Sep 1996, 17 Sep 1996, leg. *G. Venturella* & *A. Saitta*, 609612; **Monte dei Cervi**, 20 Oct 1994, 03 Nov 1994, 24 Nov 1994, 09 Sep 1995, 10 Oct 1996, 04 Sep 1997, 20 Sep 1997, leg. *G. Venturella* & *A. Saitta*, 609611; **Pizzo Colla**, 09 Sep 1995, 15 Sep 1995, 30 Sep 1995, 06 Sep 1996, 14 Sep 1996, 10 Oct 1997, 12 Nov 1997, leg. *G. Venturella* & *A. Saitta*, 609611.

Amanitaceae

**Amanita ceciliae* (Berk. & Br.) Boudier — in the wood.

Piano della Madonna, 09 Sep 1995, leg. *G. Venturella* & *A. Saitta*, 609611-609612; **Pizzo Colla**, 09 Sep 1995, 15 Sep 1995, leg. *G. Venturella* & *A. Saitta*, 609611.

**Amanita crocea* (Quélet) Melzer — in the wood.

Pizzo Colla, 09 Sep 1995, leg. *A. Saitta*, 609611.

**Amanita fulva* (Schaeffer : Fr.) Fr. — in the wood.

Piano della Madonna, 15 Sep 1995, 14 Sep 1997, leg. *A. Saitta*, 609611-609612; **Pizzo Colla**, 30 Sep 1995, 14 Sep 1997, 20 Sep 1997, leg. *A. Saitta*, 609611.

Amanita lividopallescens (Gillet) Gilbert & Kühner — in the wood.

Pizzo Colla, 09 Sep 1995, 20 Jun 1996, 25 Jul 1997, 14 Sep 1997, leg. *A. Saitta*, 609611.

Amanita pantherina (DC. : Fr.) Krombh. — in the wood.

Piano della Madonna, 20 Oct 1994, 27 Oct 1994, 09 Sep 1995, 15 Sep 1995, 03 Sep 1997, 28 Sep 1997, leg. *G. Venturella* & *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 20 Oct 1994, 02 Sep 1995, 09 Sep 1995, 15 Sep 1995, 14 Sep 1997, 28 Sep 1997, leg. *A. Saitta*, 609612; **Monte dei Cervi**, 20 Oct 1994, 27 Oct 1994, 30 Aug 1995, 02 Sep 1995, 09 Sep 1995, 15 Sep 1995, 03 Sep 1997, 28 Sep 1997, leg. *A. Saitta*, 609611; **Pizzo Colla**, 30 Aug 1995, 02 Sep 1995, 09 Sep 1995, 03 Sep 1997, 10 Sep 1996, 14 Sep 1997, leg. *A. Saitta*, 609611.

Amanita rubescens (Pers. : Fr.) S. F. Gray — in the wood.

Piano della Madonna, 15 Sep 1995, 10 Oct 1996, 28 Sep 1997, 15 Oct 1997, leg. *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 28 Sep 1997, 05 Oct 1997, 15 Oct 1997, leg. *A. Saitta*, 609612; **Monte dei Cervi**, 27 Oct 1994, 03 Nov 1994, 09 Sep 1995, 15 Sep 1995, 10 Oct 1996, 28 Sep 1997, 05 Oct 1997, 15 Oct 1997, leg. *G. Venturella* & *A. Saitta*, 609611; **Pizzo Colla**, 27 Oct 1994, 05 Oct 1997, 15 Oct 1997, leg. *A. Saitta*, 609611.

Amanita spissa (Fr.) P. Kummer — in the wood.

Monte dei Cervi, 02 Sep 1995, leg. A. Saitta, 609611.

Bolbitiaceae

**Agrocybe praecox* (Pers. : Fr.) Fayod — in beech litter.

Piano della Madonna, 20 Jun 1996, leg. A. Saitta, 609611-609612.

Boletaceae

Boletus aereus Bull. : Fr. — in beech litter.

Piano della Madonna, 09 Sep 1995, 06 Sep 1996, 14 Sep 1996, 14 Sep 1997, 20 Sep 1997, leg. A. Saitta, 609611-609612; **Pizzo Colla**, 09 Sep 1995, 06 Sep 1996, 14 Sep 1996, 14 Sep 1997, 20 Sep 1997, leg. A. Saitta, 609611.

Boletus aestivalis (Paulet) Fr. — in beech litter.

Piano della Madonna, 20 Oct 1994, 02 Sep 1995, 14 Sep 1997, 20 Sep 1997, 05 Oct 1997, leg. A. Saitta, 609611-609612; **Pizzo Colla**, 20 Oct 1994, 02 Sep 1995, 14 Sep 1997, 20 Sep 1997, 05 Oct 1997, leg. A. Saitta, 609611.

**Boletus calopus* Pers. : Fr. — in beech litter.

Monte dei Cervi, 19 Aug 1994, 20 Oct 1994, 30 Aug 1995, 09 Sep 1995, 05 Oct 1997, leg. A. Saitta, 609611; **Pizzo Colla**, 19 Aug 1994, 09 Sep 1995, 28 Sep 1997, 05 Oct 1997, leg. A. Saitta, 609611.

Boletus edulis Bull. : Fr. — in beech litter.

Piano della Madonna, 09 Sep 1995, 15 Sep 1995, 20 Sep 1997, 28 Sep 1997, 10 Oct 1997, 15 Oct 1997, leg. A. Saitta, 609611-609612; **Monte dei Cervi**, 20 Oct 1994, 02 Sep 1995, 09 Sep 1995, 15 Sep 1995, 20 Sep 1997, 28 Sep 1997, 10 Oct 1997, 15 Oct 1997, leg. A. Saitta, 609611.

Boletus erythropus Pers. — in beech litter.

Piano della Madonna, 20 Oct 1994, 27 Oct 1994, 24 Jun 1995, 28 Jun 1996, 14 Sep 1996, 17 Sep 1996, 20 Sep 1997, 28 Sep 1997, 10 Oct 1997, leg. G. Venturella & A. Saitta, 609611-609612; **Cozzo Cerasa**, 20 Oct 1994, 27 Oct 1994, 15 Sep 1995, 28 Jun 1996, 14 Sep 1996, 20 Sep 1997, 28 Sep 1997, 10 Oct 1997, leg. G. Venturella & A. Saitta, 609612; **Monte dei Cervi**, 20 Oct 1994, 27 Oct 1994, 24 Jun 1995, 15 Sep 1995, 06 Sep 1996, 14 Sep 1996, 17 Sep 1996, 25 Jul 1997, 20 Sep 1997, 28 Sep 1997, 10 Oct 1997, leg. G. Venturella & A. Saitta, 609611; **Pizzo Colla**, 20 Oct 1994, 27 Oct 1994, 15 Sep 1995, 28 Jun 1996, 14 Sep 1996, 17 Sep 1996, 25 Jul 1997, 20 Sep 1997, leg. G. Venturella & A. Saitta, 609611.

**Boletus fechtneri* Velen. — in beech litter.

Pizzo Colla, 06 Sep 1996, leg. A. Saitta, 609611.

Boletus fragrans Vittad. — in beech litter.

Pizzo Colla, 09 Sep 1995, 14 Sep 1997, leg. *A. Saitta*, 609611.

Boletus impolitus Fr. — in beech litter.

Piano della Madonna, 30 Aug 1995, 02 Sep 1995, 14 Sep 1997, leg. *A. Saitta*, 609611-609612; **Monte dei Cervi**, 30 Aug 1995, 02 Sep 1995, 03 Sep 1997, 14 Sep 1997, leg. *A. Saitta*, 609611.

**Boletus legaliae* (Pilát) ex Pilát & Dermek — in beech litter.

Pizzo Colla, 30 Aug 1995, 20 Jun 1996, 03 Sep 1997, 14 Sep 1997, leg. *A. Saitta*, 609611.

Boletus luridus Schaeffer : Fr. — in beech litter.

Piano della Madonna, 29 Sep 1994, 21 Aug 1995, 30 Aug 1995, 02 Sep 1995, 09 Sep 1995, 15 Sep 1995, 21 Jun 1996, 06 Sep 1996, 20 Jun 1997, 08 Aug 1997, 03 Sep 1997, 20 Sep 1997, leg. *G. Venturella* & *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 29 Sep 1994, 21 Aug 1995, 30 Aug 1995, 02 Sep 1995, 09 Sep 1995, 15 Sep 1995, 21 Jun 1996, 28 Jun 1996, 06 Sep 1996, 20 Jun 1997, 14 Sep 1997, 20 Sep 1997, leg. *G. Venturella* & *A. Saitta*, 609612; **Monte dei Cervi**, 29 Sep 1994, 21 Aug 1995, 02 Sep 1995, 09 Sep 1995, 15 Sep 1995, 21 Jun 1996, 28 Jun 1996, 06 Sep 1996, 20 Jun 1997, 14 Sep 1997, 20 Sep 1997, leg. *G. Venturella* & *A. Saitta*, 609611; **Pizzo Colla**, 29 Sep 1994, 30 Aug 1995, 02 Sep 1995, 09 Sep 1995, 15 Sep 1995, 21 Jun 1996, 28 Jun 1996, 06 Sep 1996, 20 Jun 1997, 08 Aug 1997, 03 Sep 1997, 20 Sep 1997, leg. *A. Saitta*, 609611.

Boletus radicans Pers. : Fr. — in beech litter.

Piano della Madonna, 04 Aug 1994, 02 Sep 1994, 14 Sep 1994, 29 Sep 1994, 15 Oct 1994, 20 Oct 1994, 03 Nov 1994, 13 Jul 1995, 21 Jul 1995, 21 Aug 1995, 30 Aug 1995, 02 Sep 1995, 09 Sep 1995, 14 Sep 1996, 17 Sep 1996, 25 Jul 1997, 14 Sep 1997, 20 Sep 1997, leg. *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 04 Aug 1994, 19 Aug 1994, 02 Sep 1994, 14 Sep 1994, 29 Sep 1994, 15 Oct 1994, 20 Oct 1994, 03 Nov 1994, 13 Jul 1995, 21 Jul 1995, 30 Aug 1995, 02 Sep 1995, 09 Sep 1995, 06 Sep 1996, 14 Sep 1996, 17 Sep 1996, 25 Jul 1997, 03 Sep 1997, 14 Sep 1997, 20 Sep 1997, leg. *A. Saitta*, 609612; **Monte dei Cervi**, 04 Aug 1994, 19 Aug 1994, 02 Sep 1994, 15 Oct 1994, 20 Oct 1994, 03 Nov 1994, 13 Jul 1995, 21 Jul 1995, 30 Aug 1995, 02 Sep 1995, 09 Sep 1995, 14 Sep 1996, 17 Sep 1996, 25 Jul 1997, 08 Aug 1997, 03 Sep 1997, 20 Sep 1997, leg. *A. Saitta*, 609611; **Pizzo Colla**, 04 Aug 1994, 19 Aug 1994, 02 Sep 1994, 14 Sep 1994, 29 Sep 1994, 15 Oct 1994, 20 Oct 1994, 03 Nov 1994, 21 Jul 1995, 21 Aug 1995, 30 Aug 1995, 02 Sep 1995, 09 Sep 1995, 06 Sep 1996, 14 Sep 1996, 17 Sep 1996, 25 Jul 1997, 08 Aug 1997, 03 Sep 1997, leg. *A. Saitta*, 609611.

Boletus regius Krombh. — in beech litter.

Piano della Madonna, 23 Oct 1994, 02 Sep 1995, 09 Sep 1995, 14 Sep 1996, 17 Sep 1996, 03 Sep 1997, 14 Sep 1997, 20 Sep 1997, leg. *A. Saitta*, 609611-609612.

Boletus rhodopurpureus Smotlacha — in beech litter.

Piano della Madonna, 30 Aug 1995, 09 Sep 1995, 15 Sep 1995, 14 Sep 1997, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 30 Aug 1995, 09 Sep 1995, 15 Sep 1995, 14 Sep 1997, leg. A. Saitta, 609612.

**Boletus rhodoxanthus* (Krombh.) Kallen. — in beech litter.

Piano della Madonna, 20 Oct 1994, 02 Sep 1995, 09 Sep 1995, 15 Sep 1995, 17 Sep 1996, 20 Sep 1997, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 20 Oct 1994, 02 Sep 1995, 09 Sep 1995, 17 Sep 1996, 20 Sep 1997, leg. A. Saitta, 609612; **Monte dei Cervi**, 20 Oct 1994, 15 Sep 1995, 17 Sep 1996, 20 Sep 1997, leg. A. Saitta, 609611; **Pizzo Colla**, 20 Oct 1994, 02 Sep 1995, 09 Sep 1995, 15 Sep 1995, 17 Sep 1996, leg. A. Saitta, 609611.

Boletus satanas Lenz — in beech litter.

Piano della Madonna, 27 Oct 1994, 14 Sep 1997, leg. G. Venturella & A. Saitta, 609611-609612; **Pizzo Colla**, 21 Jun 1996, 14 Sep 1997, leg. G. Venturella & A. Saitta, 609611.

**Boletus torosus* Fr. — in beech litter.

Piano della Madonna, 20 Oct 1994, 02 Sep 1995, 14 Sep 1997, 20 Sep 1997, leg. G. Venturella & A. Saitta, 609611-609612; **Cozzo Cerasa**, 20 Oct 1994, 30 Aug 1995, 02 Sep 1995, 20 Sep 1997, leg. A. Saitta, 609612.

Cantharellaceae

Cantharellus cibarius (Fr. : Fr.) Fr. — in beech litter.

Piano della Madonna, 01 Dec 1994, 30 Aug 1995, 15 Sep 1995, 19 Nov 1995, 06 Sep 1996, 28 Sep 1997, 05 Oct 1997, 10 Oct 1997, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 01 Dec 1994, 30 Aug 1995, 15 Sep 1995, 30 Sep 1995, 19 Nov 1995, 06 Sep 1996, 10 Oct 1996, 28 Sep 1997, 10 Oct 1997, 15 Oct 1997, leg. A. Saitta, 609612; **Pizzo Colla**, 30 Aug 1995, 15 Sep 1995, 19 Nov 1995, 06 Sep 1996, 28 Sep 1997, leg. A. Saitta, 609611.

Clavariaceae

**Macrotiophula fistulosa* (Holmskj. : Fr.) Petersen — on wood debris.

Piano della Madonna, 15 Sep 1995, 30 Sep 1995, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 15 Sep 1995, 30 Sep 1995, 10 Oct 1996, 15 Oct 1997, leg. A. Saitta, 609612.

Clavariadelphaceae

**Clavariadelphus flavoimmaturus* Petersen — in beech litter.

Piano della Madonna, 03 Nov 1994, leg. A. Saitta, 609611-609612.

Clavariadelphus pistillaris (L. : Fr.) Donk — in beech litter.

Piano della Madonna, 15 Oct 1994, 20 Oct 1994, 27 Oct 1994, 03 Nov 1994, 01 Dec 1994, 30 Sep 1995, 06 Sep 1996, 14 Sep 1996, 05 Nov 1997, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 15 Oct 1994, 20 Oct 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 30 Sep 1995, 06 Sep 1996, 14 Sep 1996, 05 Nov 1997, leg. A. Saitta, 609612; **Monte dei Cervi**, 15 Oct 1994, 24 Nov 1994, 01 Dec 1994, 30 Sep 1995, 06 Sep 1996, 14 Sep 1996, 15 Oct 1997, 23 Oct 1997, 05 Nov 1997, leg. A. Saitta, 609611; **Pizzo Colla**, 15 Oct 1994, 20 Oct 1994, 24 Nov 1994, 01 Dec 1994, 30 Sep 1995, 06 Sep 1996, 14 Sep 1996, leg. A. Saitta, 609611.

**Clavariadelphus truncatus* (Quélet) Donk — in beech litter.

Piano della Madonna, 01 Dec 1994, leg. A. Saitta, 609611-609612.

Clavulinaceae

**Clavulina cristata* (L. : Fr.) Schroeter — in beech litter.

Piano della Madonna, 06 Sep 1996, 10 Oct 1996, 20 Sep 1997, 28 Sep 1997, leg. A. Saitta, 609611-609612.

Coprinaceae

**Coprinus impatiens* (Fr. : Fr.) Quélet — in the wood glades.

Piano della Madonna, 28 Jun 1998, leg. A. Saitta, 609611-609612; **Monte dei Cervi**, 28 Jun 1998, leg. A. Saitta, 609611; **Pizzo Colla**, 28 Jun 1998, leg. A. Saitta, 609611.

**Coprinus micaceus* (Bull. : Fr.) Fr. — on beech stumps.

Piano della Madonna, 18 May 1996, 23 May 1996, 27 May 1997, leg. A. Saitta, 609611-609612; **Monte dei Cervi**, 18 May 1996, leg. A. Saitta, 609611.

Coprinus plicatilis (M. A. Curtis : Fr.) Fr. — in the wood glades.

Piano della Madonna, 27 Oct 1994, 30 Aug 1995, 30 Sep 1995, 21 Jun 1996, 06 Sep 1996, 14 Sep 1996, 03 Sep 1997, 14 Sep 1997, 28 Sep 1997, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 27 Oct 1994, 24 Nov 1994, 30 Aug 1995, 06 Sep 1996, 14 Sep 1996, 03 Sep 1997, 14 Sep 1997, 28 Sep 1997, 05 Oct 1997, 05 Nov 1997, leg. A. Saitta, 609612; **Monte dei Cervi**, 27 Oct 1994, 24 Nov 1994, 30 Aug 1995, 30 Sep 1995, 21 Jun 1996, 14 Sep 1996, 14 Sep 1997, 28 Sep 1997, 05 Oct 1997, 05 Nov 1997, leg. A. Saitta, 609611; **Pizzo Colla**, 27 Oct 1994, 24 Nov 1994, 30 Aug 1995, 30 Sep 1995, 14 Sep 1996, 03 Sep 1997, 14 Sep 1997, 28 Sep 1997, leg. A. Saitta, 609611.

**Psathyrella candolleana* (Fr. : Fr.) Maire — on wood debris.

Piano della Madonna, 24 Nov 1994, leg. A. Saitta, 609611-609612; **Pizzo Colla**, 24 Nov 1994, leg. A. Saitta, 609611.

Psathyrella piluliformis (Bull. : Fr.) P. D. Orton — on wood debris.

Piano della Madonna, 27 Oct 1994, leg. A. Saitta, 609611-609612; **Monte dei Cervi**,

05 Oct 1997, 05 Nov 1997, leg. A. Saitta, 609611.

**Psathyrella spadiceogrisea* (Schaeffer) Maire — on wood debris.

Piano della Madonna, 03 Nov 1994, leg. G. Venturella & A. Saitta, 609611-609612.

Coriolaceae

Bjerkandera adusta (Willd. : Fr.) P. Karsten — on beech stumps.

Piano della Madonna, 23 May 1996, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 23 May 1996, leg. A. Saitta, 609612.

**Rigidoporus ulmarius* (Sow. : Fr.) Imazeki — on beech wood.

Monte dei Cervi, 15 Oct 1994, leg. A. Saitta, 609611.

Trametes versicolor (L. : Fr.) Lloyd — on branches and stumps of *F. sylvatica*.

Piano della Madonna, 24 Nov 1994, 15 Sep 1995, 30 Sep 1995, 14 Sep 1996, 28 Sep 1997, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 24 Nov 1994, 21 Aug 1995, 15 Sep 1995, 06 Sep 1996, 20 Sep 1997, leg. A. Saitta, 609612.

Cortinariaceae

**Cortinarius cinnabarinus* Fr. — in beech litter.

Monte dei Cervi, 10 Oct 1996, leg. G. Venturella & A. Saitta, 609611.

**Cortinarius meridionalis* Bidaud, Moëgne - Loccoz & Reumaux — in the wood.

Piano della Madonna, 30 Oct 1997, leg. A. Saitta, 609611-609612.

**Cortinarius praestans* (Cordier) Gillet — in beech litter.

Piano della Madonna, 15 Oct 1994, 30 Sep 1995, 19 Nov 1995, 10 Oct 1996, 10 Oct 1997, 15 Oct 1997, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 19 Nov 1995, 10 Oct 1996, 05 Oct 1997, leg. A. Saitta, 609612.

Cortinarius subfulgens Orton — in beech litter.

Piano della Madonna, 15 Oct 1994, 03 Nov 1994, 15 Sep 1995, 28 Sep 1997, 10 Oct 1997, leg. G. Venturella & A. Saitta, 609611-609612; **Cozzo Cerasa**, 15 Oct 1994, 03 Nov 1994, 15 Sep 1995, 30 Sep 1995, 10 Oct 1997, leg. G. Venturella & A. Saitta, 609612; **Monte dei Cervi**, 15 Oct 1994, 20 Oct 1994, 03 Nov 1994, 15 Sep 1995, 28 Sep 1997, 10 Oct 1997, leg. G. Venturella & A. Saitta, 609611; **Pizzo Colla**, 15 Oct 1994, 15 Sep 1995, 30 Sep 1995, 10 Oct 1996, 10 Oct 1997, leg. G. Venturella & A. Saitta, 609611.

Cortinarius trivialis Lange — in beech litter.

Piano della Madonna, 30 Aug 1995, 02 Sep 1995, 15 Sep 1995, 10 Oct 1996, 14 Sep 1997, 20 Sep 1997, 05 Oct 1997, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 30 Aug 1995, 15 Sep 1995, 10 Oct 1996, 05 Oct 1997, leg. A. Saitta, 609612; **Monte**

dei Cervi, 02 Sep 1995, 15 Sep 1995, 10 Oct 1996, 14 Sep 1997, 20 Sep 1997, 05 Oct 1997, leg. *A. Saitta*, 609611; **Pizzo Colla**, 30 Aug 1995, 02 Sep 1995, 14 Sep 1997, 20 Sep 1997, 05 Oct 1997, leg. *A. Saitta*, 609611.

**Cortinarius violaceus* (L. : Fr.) Fr. — in beech litter.

Piano della Madonna, 10 Oct 1997, leg. *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 20 Oct 1994, 27 Oct 1994, 10 Oct 1997, leg. *A. Saitta*, 609612.

Hebeloma crustuliniforme (Bull. : Fr.) Quélet — in beech litter.

Piano della Madonna, 09 Sep 1995, 30 Sep 1995, 10 Oct 1996, 20 Sep 1997, 15 Oct 1997, leg. *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 24 Nov 1994, 09 Sep 1995, 15 Sep 1995, 10 Oct 1996, 20 Sep 1997, leg. *G. Venturella* & *A. Saitta*, 609612; **Monte dei Cervi**, 09 Sep 1995, 30 Sep 1995, 10 Oct 1996, 20 Sep 1997, 15 Oct 1997, leg. *A. Saitta*, 609611; **Pizzo Colla**, 24 Nov 1994, 09 Sep 1995, 10 Oct 1996, 20 Sep 1997, 15 Oct 1997, leg. *G. Venturella* & *A. Saitta*, 609611.

Inocybe rimosa (Bull. : Fr.) P. Kummer — in beech litter.

Pizzo Colla, 28 Jun 1996, leg. *A. Saitta*, 609611.

**Inocybe squamata* Lange — in beech litter.

Piano della Madonna, 19 Oct 1997, leg. *A. Saitta*, 609611-609612.

**Phaeomarasmius erinaceus* (Fr. : Fr.) Kühner — on fallen branches of *F. sylvatica* L.

Cozzo Cerasa, 09 Sep 1995, leg. *A. Saitta*, 609612.

Crepidotaceae

**Crepidotus variabilis* (Pers. : Fr.) P. Kummer — on fallen branches of *F. sylvatica* L.

Monte dei Cervi, 30 Aug 1995, leg. *A. Saitta*, 609611.

Dacrymycetaceae

**Calocera cornea* (Batsch : Fr.) Fr. — on fallen branches of *F. sylvatica* L.

Piano della Madonna, 15 Sep 1995, 23 Oct 1997, 30 Oct 1997, leg. *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 03 Nov 1994, 15 Sep 1995, 23 Oct 1997, leg. *A. Saitta*, 609612.

**Dacrymyces minor* Peck — on beech wood.

Piano della Madonna, 23 May 1997, leg. *G. Venturella* & *A. Saitta*, 609611-609612.

**Dacrymyces stillatus* Nees : Fr. — on fallen branches of *F. sylvatica* L.

Piano della Madonna, 13 Jul 1995, leg. *G. Venturella* & *A. Saitta*, 609611-609612; **Pizzo Colla**, 13 Jul 1995, leg. *G. Venturella* & *A. Saitta*, 609611.

Entolomataceae

Clitopilus prunulus (Scop. : Fr.) Quélet — in the wood glades.

Piano della Madonna, 20 Sep 1997, 28 Sep 1997, leg. *G. Venturella & A. Saitta*, 609611-609612; **Cozzo Cerasa**, 14 Sep 1996, 20 Sep 1997, 28 Sep 1997, leg. *A. Saitta*, 609612; **Monte dei Cervi**, 20 Sep 1997, 28 Sep 1997, leg. *G. Venturella & A. Saitta*, 609611; **Pizzo Colla**, 15 Sep 1995, 20 Sep 1997, 28 Sep 1997, leg. *A. Saitta*, 609611.

Entoloma lividum (Bull.) Quélet — in beech litter.

Piano della Madonna, 15 Sep 1995, 20 Sep 1997, 15 Oct 1997, leg. *A. Saitta*, 609611-609612; **Monte dei Cervi**, 09 Sep 1995, 15 Oct 1997, leg. *A. Saitta*, 609611.

Entoloma rhodopolium (Fr. : Fr.) P. Kummer fo. *nidorosum* (Fr.) Noordeloos — in beech litter.

Piano della Madonna, 15 Sep 1995, 20 Sep 1997, leg. *G. Venturella & A. Saitta*, 609611-609612; **Cozzo Cerasa**, 09 Sep 1995, 15 Sep 1995, 20 Sep 1997, leg. *G. Venturella & A. Saitta*, 609612.

Gastraceae

Gastrum triplex Jungh. — in beech litter.

Piano della Madonna, 06 Sep 1996, 23 Oct 1997, leg. *A. Saitta*, 609611-609612; **Monte dei Cervi**, 10 Oct 1996, 15 Oct 1997, leg. *A. Saitta*, 609611.

Hydnaceae

Hydnum repandum L. : Fr. — in the wood glades.

Piano della Madonna, 19 Oct 1997, 30 Oct 1997, leg. *A. Saitta*, 609611-609612; **Pizzo Colla**, 19 Oct 1997, leg. *A. Saitta*, 609611.

Hydnum rufescens Schaeffer : Fr. — in the wood glades.

Piano della Madonna, 01 Dec 1994, 05 Oct 1997, 23 Oct 1997, leg. *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 01 Dec 1994, 30 Sep 1995, 06 Sep 1996, 28 Sep 1997, 05 Oct 1997, 23 Oct 1997, leg. *A. Saitta*, 609612.

Hygrophoraceae

**Cuphophyllus russocoriaceus* (Berk. & Miller) Bon — in beech litter.

Piano della Madonna, 19 Nov 1995, leg. *A. Saitta*, 609611-609612.

Hygrophorus chrysodon (Batsch : Fr.) Fr. — in beech litter.

Piano della Madonna, 30 Oct 1997, leg. *A. Saitta*, 609611-609612.

Hygrophorus cossus (Sow. : Fr.) Fr. — in beech litter.

Piano della Madonna, 27 Oct 1994, 19 Nov 1995, 11 Oct 1996, 28 Sep 1997, 10 Oct

1997, 12 Nov 1997, leg. *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 27 Oct 1994, 03 Nov 1994, 15 Sep 1995, 19 Nov 1995, 11 Oct 1996, 28 Sep 1997, 10 Oct 1997, 12 Nov 1997, leg. *A. Saitta*, 609612; **Monte dei Cervi**, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 15 Sep 1995, 19 Nov 1995, 11 Oct 1996, 28 Sep 1997, leg. *A. Saitta*, 609611.

Hygrophorus eburneus (Bull. : Fr.) Fr. — in beech litter.

Piano della Madonna, 10 Oct 1997, leg. *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 30 Sep 1995, 10 Oct 1997, leg. *A. Saitta*, 609612; **Monte dei Cervi**, 10 Oct 1996, 10 Oct 1997, leg. *A. Saitta*, 609611; **Pizzo Colla**, 10 Oct 1996, 10 Oct 1997, leg. *A. Saitta*, 609611.

**Hygrophorus melizeus* Fr. — in beech litter.

Piano della Madonna, 27 Oct 1994, leg. *G. Venturella* & *A. Saitta*, 609611-609612; **Pizzo Colla**, 03 Nov 1994, 24 Nov 1994, 05 Oct 1997, 30 Oct 1997, leg. *G. Venturella* & *A. Saitta*, 609611.

Hyphodermataceae

**Cerocorticium confluens* (Fr. : Fr.) Jülich & Stalpers — on beech wood.

Monte dei Cervi, 13 Jul 1995, 18 Dec 1996, leg. *G. Venturella* & *A. Saitta*, 609611.

Lycoperdaceae

Calvatia excipuliformis (Schaeffer : Pers.) Perdeck — in beech litter.

Piano della Madonna, 10 Oct 1996, 20 Sep 1997, leg. *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 17 Sep 1996, 10 Oct 1996, 20 Sep 1997, 05 Oct 1997, leg. *A. Saitta*, 609612.

Lycoperdon echinatum Pers. : Pers. — in beech litter.

Piano della Madonna, 27 Oct 1994, 02 Sep 1995, 15 Sep 1995, 30 Sep 1995, 10 Oct 1996, 28 Sep 1997, 10 Oct 1997, 15 Oct 1997, leg. *G. Venturella* & *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 02 Sep 1995, 30 Sep 1995, 15 Oct 1997, leg. *G. Venturella* & *A. Saitta*, 609612; **Monte dei Cervi**, 27 Oct 1994, 03 Nov 1994, 02 Sep 1995, 09 Sep 1995, 15 Sep 1995, 30 Sep 1995, 10 Oct 1996, 28 Sep 1997, 10 Oct 1997, 15 Oct 1997, leg. *A. Saitta*, 609611; **Pizzo Colla**, 24 Nov 1994, 02 Sep 1995, 09 Sep 1995, 30 Sep 1995, 10 Oct 1996, 28 Sep 1997, 10 Oct 1997, 15 Oct 1997, leg. *A. Saitta*, 609611.

Lycoperdon perlatum Pers. : Pers. — in beech litter.

Piano della Madonna, 15 Oct 1994, 09 Sep 1995, 15 Sep 1995, 10 Oct 1996, 20 Sep 1997, 28 Sep 1997, 10 Oct 1997, 15 Oct 1997, leg. *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 15 Oct 1994, 27 Oct 1994, 03 Nov 1994, 09 Sep 1995, 15 Sep 1995, 10 Oct 1996, 20 Sep 1997, 15 Oct 1997, leg. *A. Saitta*, 609612; **Monte dei Cervi**, 15 Oct 1994, 27 Oct 1994, 24 Nov 1994, 09 Sep 1995, 10 Oct 1996, 20 Sep 1997, 28 Sep 1997, 10 Oct 1997, 15 Oct 1997, leg. *A. Saitta*, 609611; **Pizzo Colla**, 03 Nov 1994,

24 Nov 1994, 09 Sep 1995, 15 Sep 1995, 10 Oct 1996, 28 Sep 1997, 10 Oct 1997, 15 Oct 1997, leg. A. Saitta, 609611.

Lycoperdon pyriforme Schaeffer : Pers. — on beech stumps.

Piano della Madonna, 27 Oct 1994, 24 Nov 1994, 15 Sep 1995, 20 Sep 1997, 15 Oct 1997, 30 Oct 1997, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 27 Oct 1994, 24 Nov 1994, 15 Sep 1995, 30 Sep 1995, 20 Sep 1997, 30 Oct 1997, leg. A. Saitta, 609612; **Monte dei Cervi**, 03 Nov 1994, 24 Nov 1994, 30 Sep 1995, 15 Oct 1997, 30 Oct 1997, leg. A. Saitta, 609611; **Pizzo Colla**, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 15 Sep 1995, 30 Sep 1995, 20 Sep 1997, 15 Oct 1997, leg. A. Saitta, 609611.

Melanogastraceae

Melanogaster variegatus (Vittad.) Tul. — hypogeous.

Pizzo Colla, 28 Jun 1996, 28 Jun 1998, leg. A. Saitta, 609611.

**Melanogaster tuberiformis* Corda — hypogeous.

Pizzo Colla, 28 Jun 1998, leg. A. Saitta, 609611.

Meruliaceae

Byssomerulius corium (Fr.) Parm. — on fallen branches of *F. sylvatica* L.

Piano della Madonna, 12 May 1995, 24 Jun 1995, 25 Jul 1997, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 13 Jul 1995, 21 Aug 1995, 25 Jul 1997, leg. A. Saitta, 609612; **Monte dei Cervi**, 12 May 1995, 24 Jun 1995, 13 Jul 1995, 21 Aug 1995, 25 Jul 1997, leg. A. Saitta, 609611; **Pizzo Colla**, 12 May 1995, 24 Jun 1995, 13 Jul 1995, 21 Aug 1995, leg. A. Saitta, 609611.

Nidulariaceae

Crucibulum laeve (Hudson) Kambly — on cow dung.

Piano della Madonna, 19 Nov 1995, 05 Nov 1997, leg. G. Venturella & A. Saitta, 609611-609612; **Cozzo Cerasa**, 05 Nov 1997, leg. G. Venturella & A. Saitta, 609612.

Paxillaceae

Paxillus involutus (Batsch : Fr.) Fr. — in the wood glades.

Piano della Madonna, 17 Sep 1996, leg. A. Saitta, 609611-609612.

Pluteaceae

Pluteus atricapillus (Schaeffer : Fr.) P. Kummer — on beech stumps.

Piano della Madonna, 17 Sep 1996, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 30 Sep 1995, 17 Sep 1996, leg. A. Saitta, 609612; **Monte dei Cervi**, 28 Sep 1997, leg. A. Saitta, 609611; **Pizzo Colla**, 30 Sep 1995, 17 Sep 1996, 28 Sep 1997, leg. A. Saitta, 609611.

Polyporaceae

Polyporus arcularius (Batsch) Fr. — on fallen branches of *F. sylvatica* L.

Piano della Madonna, 03 Jun 1998, leg. A. Saitta, 609611-609612.

**Polyporus brumalis* Pers. : Fr. — on fallen branches of *F. sylvatica* L.

Piano della Madonna, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 09 Sep 1995, 23 May 1996, leg. A. Saitta, 609611-609612.

**Polyporus mori* (Poll. : Fr.) Fr. — on fallen branches of *F. sylvatica* L.

Piano della Madonna, 09 Jun 1995, 15 Sep 1995, 20 Sep 1997, leg. A. Saitta, 609611-609612; **Monte dei Cervi**, 24 May 1996, 09 Jun 1995, leg. A. Saitta, 609611.

Ramariaceae

**Ramaria botrytis* (Pers. : Fr.) Ricken — in beech litter.

Piano della Madonna, 15 Sep 1995, 30 Sep 1995, 28 Sep 1997, leg. A. Saitta, 609611-609612; **Monte dei Cervi**, 15 Sep 1995, 05 Oct 1997, leg. A. Saitta, 609611.

**Ramaria flava* (Schaeffer : Fr.) Quélet — in beech litter.

Piano della Madonna, 06 Sep 1996, 17 Sep 1996, 20 Sep 1997, leg. A. Saitta, 609611-609612; **Monte dei Cervi**, 17 Sep 1996, 10 Oct 1996, 20 Sep 1997, 10 Oct 1997, leg. A. Saitta, 609611.

Russulaceae

**Lactarius blennius* (Fr. : Fr.) Fr. — in beech litter.

Piano della Madonna, 27 Oct 1994, 03 Nov 1994, 01 Dec 1994, 30 Aug 1995, 02 Sep 1995, 09 Sep 1995, 15 Sep 1995, 30 Sep 1995, 10 Oct 1996, 05 Oct 1997, 15 Oct 1997, 23 Oct 1997, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 27 Oct 1994, 03 Nov 1994, 02 Sep 1995, 09 Sep 1995, 15 Sep 1995, 10 Oct 1996, 15 Oct 1997, 23 Oct 1997, leg. A. Saitta, 609612; **Monte dei Cervi**, 27 Oct 1994, 03 Nov 1994, 01 Dec 1994, 30 Aug 1995, 02 Sep 1995, 09 Sep 1995, 15 Sep 1995, 30 Sep 1995, 06 Sep 1996, 10 Oct 1996, 05 Oct 1997, leg. A. Saitta, 609611; **Pizzo Colla**, 27 Oct 1994, 03 Nov 1994, 15 Sep 1995, 30 Sep 1995, 06 Sep 1996, 10 Oct 1996, 15 Oct 1997, 23 Oct 1997, leg. A. Saitta, 609611.

Lactarius chrysorrheus Fr. — in beech litter.

Piano della Madonna, 30 Aug 1995, 02 Sep 1995, 10 Oct 1997, leg. G. Venturella & A. Saitta, 609611-609612; **Cozzo Cerasa**, 30 Aug 1995, 09 Sep 1995, leg. G. Venturella & A. Saitta, 609612.

**Lactarius fluens* Boudier — in beech litter.

Piano della Madonna, 10 Oct 1996, 15 Oct 1997, leg. A. Saitta, 609611-609612; **Monte dei Cervi**, 15 Oct 1997, leg. A. Saitta, 609611.

**Lactarius pallidus* (Pers. : Fr.) Fr. — in beech litter.

Piano della Madonna, 03 Nov 1994, 30 Sep 1995, 06 Sep 1996, 14 Sep 1996, 17 Sep 1996, leg. A. Saitta, 609611-609612; **Monte dei Cervi**, 03 Nov 1994, 02 Sep 1995, 15 Sep 1995, 06 Sep 1996, 17 Sep 1996, leg. A. Saitta, 609611.

Lactarius piperatus (Scop. : Fr.) Pers. — in beech litter.

Piano della Madonna, 06 Sep 1996, 02 Sep 1995, 10 Oct 1996, 15 Oct 1997, leg. G. Venturella & A. Saitta, 609611-609612; **Cozzo Cerasa**, 02 Sep 1995, 10 Oct 1996, 28 Sep 1997, 15 Oct 1997, leg. G. Venturella & A. Saitta, 609612; **Monte dei Cervi**, 21 Aug 1995, 06 Sep 1996, 02 Sep 1995, 10 Oct 1996, 28 Sep 1997, 15 Oct 1997, leg. G. Venturella & A. Saitta, 609611; **Pizzo Colla**, 21 Aug 1995, 02 Sep 1995, 10 Oct 1996, 28 Sep 1997, leg. G. Venturella & A. Saitta, 609611.

Lactarius vellereus (Fr. : Fr.) Fr. — in beech litter.

Piano della Madonna, 17 Sep 1996, 10 Oct 1997, 15 Oct 1997, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 06 Sep 1996, 10 Oct 1997, 15 Oct 1997, leg. A. Saitta, 609612; **Monte dei Cervi**, 06 Sep 1996, 10 Oct 1997, 15 Oct 1997, leg. A. Saitta, 609611; **Pizzo Colla**, 06 Sep 1996, 10 Oct 1997, 15 Oct 1997, leg. A. Saitta, 609611.

Russula cyanoxantha (Schaeffer) Fr. — in beech litter.

Piano della Madonna, 04 Aug 1994, 19 Aug 1994, 03 Nov 1994, 24 Nov 1994, 21 Aug 1995, 30 Aug 1995, 09 Sep 1995, 06 Sep 1996, 10 Oct 1997, 15 Oct 1997, leg. G. Venturella & A. Saitta, 609611-609612; **Cozzo Cerasa**, 04 Aug 1994, 19 Aug 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 21 Aug 1995, 30 Aug 1995, 02 Sep 1995, 09 Sep 1995, 15 Sep 1995, 06 Sep 1996, 10 Oct 1996, 28 Sep 1997, 10 Oct 1997, 15 Oct 1997, leg. G. Venturella & A. Saitta, 609612; **Monte dei Cervi**, 04 Aug 1994, 19 Aug 1994, 02 Sep 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 21 Aug 1995, 30 Aug 1995, 02 Sep 1995, 09 Sep 1995, 15 Sep 1995, 20 Sep 1997, 28 Sep 1997, 10 Oct 1997, 15 Oct 1997, leg. G. Venturella & A. Saitta, 609611; **Pizzo Colla**, 04 Aug 1994, 19 Aug 1994, 03 Nov 1994, 24 Nov 1994, 21 Aug 1995, 30 Aug 1995, 02 Sep 1995, 09 Sep 1995, 15 Sep 1995, 06 Sep 1996, 28 Sep 1997, 10 Oct 1997, 15 Oct 1997, leg. G. Venturella & A. Saitta, 609611.

Russula delica Fr. — in beech litter.

Piano della Madonna, 04 Aug 1994, 02 Sep 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 02 Sep 1995, 09 Sep 1995, 06 Sep 1996, 14 Sep 1997, 20 Sep 1997, 05 Oct 1997, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 04 Aug 1994, 19 Aug 1994, 24 Nov 1994, 02 Sep 1995, 09 Sep 1995, 15 Sep 1995, 06 Sep 1996, 14 Sep 1997, 20 Sep 1997, 05 Oct 1997, leg. A. Saitta, 609612; **Monte dei Cervi**, 04 Aug 1994, 02 Sep 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 02 Sep 1995, 09 Sep 1995, 15 Sep 1995, 06 Sep 1996, 05 Oct 1997, leg. A. Saitta, 609611; **Pizzo Colla**, 04 Aug 1994, 19 Aug 1994, 02 Sep 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 02 Sep 1995, 09 Sep 1995, 15 Sep 1995, 14 Sep 1997, 20 Sep 1997, leg. A. Saitta, 609611.

**Russula faginea* Romagnesi — in beech litter.

Piano della Madonna, 14 Sep 1996, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**,

14 Sep 1996, 17 Sep 1996, leg. A. Saitta, 609612.

Russula foetens Pers. : Fr. — in beech litter.

Piano della Madonna, 01 Dec 1994, 15 Sep 1995, 10 Oct 1997, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 02 Sep 1995, 15 Sep 1995, 17 Sep 1996, leg. A. Saitta, 609612.

**Russula illota* Romagnesi — in beech litter.

Piano della Madonna, 02 Sep 1995, 20 Sep 1997, leg. G. Venturella & A. Saitta, 609611-609612; **Pizzo Colla**, 02 Sep 1995, leg. G. Venturella & A. Saitta, 609611.

**Russula laurocerasi* Melzer — in beech litter.

Piano della Madonna, 09 Sep 1995, 15 Sep 1995, leg. A. Saitta, 609611-609612.

**Russula ochroleuca* (Hall.) Pers. — in beech litter.

Piano della Madonna, 06 Sep 1996, 14 Sep 1996, leg. A. Saitta, 609611-609612; **Pizzo Colla**, 20 Sep 1997, 28 Sep 1997, leg. G. Venturella & A. Saitta, 609611.

Russula olivacea (Schaeffer) Pers. — in beech litter.

Piano della Madonna, 24 Nov 1994, 09 Sep 1995, 14 Sep 1996, 20 Sep 1997, 28 Sep 1997, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 20 Oct 1994, 24 Nov 1994, 09 Sep 1995, 15 Sep 1995, 14 Sep 1996, 20 Sep 1997, 28 Sep 1997, leg. A. Saitta, 609612; **Monte dei Cervi**, 24 Nov 1994, 09 Sep 1995, 14 Sep 1996, leg. A. Saitta, 609611; **Pizzo Colla**, 20 Oct 1994, 24 Nov 1994, 09 Sep 1995, 15 Sep 1995, 14 Sep 1996, 20 Sep 1997, leg. A. Saitta, 609611.

Russula vesca Fr. — in beech litter.

Monte dei Cervi, 09 Sep 1995, 28 Jun 1996, 14 Sep 1997, leg. G. Venturella & A. Saitta, 609611; **Pizzo Colla**, 09 Sep 1995, 28 Jun 1996, 14 Sep 1997, leg. G. Venturella & A. Saitta, 609611.

**Russula veternosa* Fr. — in beech litter.

Piano della Madonna, 27 Oct 1994, leg. A. Saitta, 609611-609612; **Pizzo Colla**, 20 Oct 1994, leg. A. Saitta, 609611.

Russula virescens (Schaeffer) Fr. — in beech litter.

Piano della Madonna, 27 Oct 1994, 30 Aug 1995, 02 Sep 1995, 15 Sep 1995, 20 Sep 1997, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 02 Sep 1995, 09 Sep 1995, 15 Sep 1995, 28 Jun 1995, 03 Sep 1997, 20 Sep 1997, leg. A. Saitta, 609612.

Russula xerampelina Schaeffer : Fr. — in beech litter.

Piano della Madonna, 21 Jun 1996, leg. G. Venturella & A. Saitta, 609611-609612.

Sclerodermataceae

Pisolithus arrhizus (Scop.) S. Rauschert — in the wood glades.

Piano della Madonna, 30 Oct 1997, leg. A. Saitta, 609611-609612.

Stereaceae

Stereum gausapatum (Fr.) Fr. — on fallen branches of *F. sylvatica* L.

Piano della Madonna, 24 Jun 1995, 09 Sep 1995, 15 Sep 1995, 18 May 1996, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 24 Jun 1995, 15 Sep 1995, 18 May 1996, leg. A. Saitta, 609612; **Monte dei Cervi**, 24 Jun 1995, 30 Aug 1995, 15 Sep 1995, 18 May 1996, leg. A. Saitta, 609611; **Pizzo Colla**, 24 Jun 1995, 30 Aug 1995, 09 Sep 1995, 15 Sep 1995, leg. A. Saitta, 609611.

Stereum hirsutum (Willd. : Fr.) Fr. — on fallen branches of *F. sylvatica* L.

Piano della Madonna, 19 Aug 1994, 14 Sep 1994, 15 Oct 1994, 24 Nov 1994, 12 May 1995, 13 Jul 1995, 09 Sep 1995, 23 May 1996, 21 Jun 1996, 17 Sep 1996, 10 Oct 1996, 18 Dec 1996, 03 Sep 1997, 30 Oct 1997, 05 Nov 1997, 15 Dec 1997, leg. G. Venturella & A. Saitta, 609611-609612; **Cozzo Cerasa**, 19 Aug 1994, 14 Sep 1994, 15 Oct 1994, 24 Nov 1994, 12 May 1995, 13 Jul 1995, 21 Aug 1995, 02 Sep 1995, 23 May 1996, 20 Jun 1996, 06 Sep 1996, 10 Oct 1996, 18 Dec 1996, 28 Sep 1997, 30 Oct 1997, 12 Nov 1997, 15 Dec 1997, leg. G. Venturella & A. Saitta, 609612; **Monte dei Cervi**, 19 Aug 1994, 14 Sep 1994, 15 Oct 1994, 24 Nov 1994, 24 May 1995, 24 Jun 1995, 21 Jul 1995, 15 Sep 1995, 23 May 1996, 20 Jun 1996, 17 Sep 1996, 10 Oct 1996, 18 Dec 1996, 28 Sep 1997, 05 Oct 1997, 05 Nov 1997, 15 Dec 1997, leg. G. Venturella & A. Saitta, 609611; **Pizzo Colla**, 14 Sep 1994, 03 Nov 1994, 24 May 1995, 09 Jun 1995, 21 Jul 1995, 21 Aug 1995, 30 Sep 1995, 18 May 1996, 20 Jun 1996, 14 Sep 1996, 10 Oct 1996, 18 Dec 1996, 03 Sep 1997, 30 Oct 1997, 15 Dec 1997, leg. G. Venturella & A. Saitta, 609611.

Strophariaceae

Hypholoma fasciculare (Hudson : Fr.) P. Kummer — on beech stumps.

Piano della Madonna, 15 Oct 1994, 20 Oct 1994, 27 Oct 1994, 30 Sep 1995, 10 Oct 1996, 28 Sep 1997, 15 Oct 1997, 23 Oct 1997, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 15 Oct 1994, 20 Oct 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 24 May 1995, 30 Sep 1995, 10 Oct 1996, 28 Sep 1997, 15 Oct 1997, 23 Oct 1997, leg. G. Venturella & A. Saitta, 609612; **Monte dei Cervi**, 15 Oct 1994, 03 Nov 1994, 24 Nov 1994, 24 May 1995, 23 Oct 1997, leg. A. Saitta, 609611; **Pizzo Colla**, 15 Oct 1994, 20 Oct 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 24 May 1995, 30 Sep 1995, 10 Oct 1996, 28 Sep 1997, leg. G. Venturella & A. Saitta, 609611.

**Hypholoma sublateralitium* (Schaeffer : Fr.) Quélet — on wood debris.

Piano della Madonna, 10 Oct 1996, 23 Oct 1997, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 27 Oct 1994, 10 Oct 1996, 23 Oct 1997, 30 Oct 1997, leg. A. Saitta, 609612.

**Psilocybe squamosa* (Pers. : Fr.) Orton — on rotting beech wood.

Piano della Madonna, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 01 Dec 1994, 21 Aug 1995, 30 Sep 1995, 19 Nov 1995, 30 Sep 1995, 10 Oct 1996, 20 Sep 1997, 05 Oct 1997, 15 Oct 1997, 23 Oct 1997, 05 Nov 1997, leg. A. Saitta, 609611-609612;

Cozzo Cerasa, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 01 Dec 1994, 21 Aug 1995, 30 Sep 1995, 10 Oct 1996, 20 Sep 1997, 05 Oct 1997, 23 Oct 1997, 05 Nov 1997, leg. A. Saitta, 609612; **Monte dei Cervi**, 27 Oct 1994, 03 Nov 1994, 01 Dec 1994, 21 Aug 1995, 30 Sep 1995, 19 Nov 1995, 30 Sep 1995, 10 Oct 1996, 20 Sep 1997, 05 Oct 1997, 15 Oct 1997, 23 Oct 1997, 05 Nov 1997, leg. A. Saitta, 609611; **Pizzo Colla**, 27 Oct 1994, 03 Nov 1994, 01 Dec 1994, 21 Aug 1995, 30 Sep 1995, 19 Nov 1995, 30 Sep 1995, 10 Oct 1996, 20 Sep 1997, 05 Oct 1997, 15 Oct 1997, 23 Oct 1997, 05 Nov 1997, leg. A. Saitta, 609611.

**Stropharia caerulea* Kreisel — in beech litter.

Monte dei Cervi, 19 Oct 1997, leg. A. Saitta, 609611.

Tremellaceae

Tremella foliacea Pers. : Fr. — on fallen branches of *F. sylvatica* L.

Piano della Madonna, 10 Oct 1996, leg. A. Saitta, 609611-609612; **Monte dei Cervi**, 24 Nov 1994, leg. G. Venturella & A. Saitta, 609611.

Tricholomataceae

Armillaria mellea (Vahl : Fr.) P. Kummer — on beech stumps.

Piano della Madonna, 10 Oct 1996, 28 Sep 1997, leg. A. Saitta, 609611-609612; **Monte dei Cervi**, 15 Oct 1994, 27 Oct 1994, 03 Nov 1994, 23 Oct 1997, leg. A. Saitta, 609611.

Clitocybe gibba (Pers. : Fr.) P. Kummer — in the wood glades.

Piano della Madonna, 04 Aug 1994, 29 Sep 1994, 15 Oct 1994, 20 Oct 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 01 Dec 1994, 21 Aug 1994, 09 Sep 1995, 15 Sep 1995, 30 Sep 1995, 06 Sep 1996, 14 Sep 1996, 17 Sep 1996, 10 Oct 1996, 03 Sep 1997, 14 Sep 1997, 20 Sep 1997, 28 Sep 1997, 05 Oct 1997, 10 Oct 1997, 30 Oct 1997, leg. G. Venturella & A. Saitta, 609611-609612; **Cozzo Cerasa**, 04 Aug 1994, 29 Sep 1994, 15 Oct 1994, 20 Oct 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 21 Aug 1994, 09 Sep 1995, 15 Sep 1995, 30 Sep 1995, 06 Sep 1996, 10 Oct 1996, 03 Sep 1997, 14 Sep 1997, 20 Sep 1997, 10 Oct 1997, 30 Oct 1997, leg. A. Saitta, 609612; **Monte dei Cervi**, 04 Aug 1994, 29 Sep 1994, 15 Oct 1994, 20 Oct 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 01 Dec 1994, 21 Aug 1994, 09 Sep 1995, 15 Sep 1995, 30 Sep 1995, 06 Sep 1996, 14 Sep 1996, 17 Sep 1996, 14 Sep 1997, 20 Sep 1997, 28 Sep 1997, 05 Oct 1997, 10 Oct 1997, 30 Oct 1997, leg. G. Venturella & A. Saitta, 609611; **Pizzo Colla**, 04 Aug 1994, 29 Sep 1994, 15 Oct 1994, 20 Oct 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 01 Dec 1994, 09 Sep 1995, 15 Sep 1995, 30 Sep 1995, 06 Sep 1996, 14 Sep 1996, 17 Sep 1996, 10 Oct 1996, 03 Sep 1997, 14 Sep 1997, 20 Sep 1997, 28 Sep 1997, 05 Oct 1997, 10 Oct 1997, leg. A. Saitta, 609611.

Clitocybe nebularis (Batsch : Fr.) P. Kummer — in beech litter.

Piano della Madonna, 20 Oct 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 01 Dec

1994, 15 Sep 1995, 30 Sep 1995, 14 Sep 1996, 10 Oct 1996, 28 Sep 1997, 05 Oct 1997, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 20 Oct 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 01 Dec 1994, 15 Sep 1995, 30 Sep 1995, 19 Nov 1995, 14 Sep 1996, 28 Sep 1997, 05 Oct 1997, leg. A. Saitta, 609612; **Monte dei Cervi**, 20 Oct 1994, 24 Nov 1994, 01 Dec 1994, 15 Sep 1995, 30 Sep 1995, 19 Nov 1995, 10 Oct 1996, 28 Sep 1997, 05 Oct 1997, leg. A. Saitta, 609611; **Pizzo Colla**, 20 Oct 1994, 27 Oct 1994, 15 Sep 1995, 30 Sep 1995, 19 Nov 1995, 14 Sep 1996, 10 Oct 1996, 28 Sep 1997, 05 Oct 1997, leg. G. Venturella & A. Saitta, 609611.

Clitocybe odora (Bull. : Fr.) P. Kummer — in beech litter.

Piano della Madonna, 20 Oct 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 15 Dec 1994, 09 Sep 1995, 30 Sep 1995, 19 Nov 1995, 06 Sep 1996, 14 Sep 1996, 17 Sep 1996, 10 Oct 1996, 20 Sep 1997, 28 Sep 1997, 05 Oct 1997, 15 Oct 1997, leg. G. Venturella & A. Saitta, 609611-609612; **Cozzo Cerasa**, 20 Oct 1994, 27 Oct 1994, 03 Nov 1994, 01 Dec 1994, 15 Dec 1994, 30 Sep 1995, 19 Nov 1995, 06 Sep 1996, 14 Sep 1996, 17 Sep 1996, 10 Oct 1996, 20 Sep 1997, 28 Sep 1997, 05 Oct 1997, 15 Oct 1997, leg. G. Venturella & A. Saitta, 609612; **Monte dei Cervi**, 20 Oct 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 01 Dec 1994, 15 Dec 1994, 09 Sep 1995, 15 Sep 1995, 30 Sep 1995, 19 Nov 1995, 06 Sep 1996, 14 Sep 1996, 17 Sep 1996, 10 Oct 1996, 20 Sep 1997, 05 Oct 1997, 15 Oct 1997, leg. G. Venturella & A. Saitta, 609611; **Pizzo Colla**, 20 Oct 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 01 Dec 1994, 09 Sep 1995, 15 Sep 1995, 30 Sep 1995, 17 Sep 1996, 10 Oct 1996, 20 Sep 1997, 28 Sep 1997, 05 Oct 1997, 15 Oct 1997, leg. G. Venturella & A. Saitta, 609611.

Clitocybe phaeophthalma (Pers.) Kuyper — in beech litter.

Piano della Madonna, 06 Sep 1996, leg. A. Saitta, 609611-609612; **Monte dei Cervi**, 24 Nov 1994, 01 Dec 1994, 15 Oct 1997, leg. A. Saitta, 609611.

**Collybia alcalivirens* Singer — in beech litter.

Piano della Madonna, 30 Sep 1995, leg. G. Venturella & A. Saitta, 609611-609612.

**Collybia aquosa* (Bull. : Fr.) P. Kummer — in beech litter.

Pizzo Colla, 29 May 1998, leg. A. Saitta, 609611.

Collybia butyracea (Bull. : Fr.) P. Kummer — in beech litter.

Piano della Madonna, 24 Nov 1994, 15 Sep 1995, 10 Oct 1996, 15 Oct 1997, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 24 Nov 1994, 15 Sep 1995, 10 Oct 1996, 05 Oct 1997, 15 Oct 1997, leg. A. Saitta, 609612; **Monte dei Cervi**, 24 Nov 1994, 15 Sep 1995, 30 Sep 1995, 10 Oct 1996, 15 Oct 1997, leg. A. Saitta, 609611; **Pizzo Colla**, 24 Nov 1994, 15 Sep 1995, 30 Sep 1995, 10 Oct 1996, 05 Oct 1997, leg. A. Saitta, 609611.

Collybia butyracea (Bull. : Fr.) P. Kummer var. *asema* (Fr. : Fr.) Quélet — in beech litter.

Piano della Madonna, 24 Nov 1994, leg. A. Saitta, 609611-609612; **Monte dei Cervi**, 15 Oct 1994, 30 Sep 1995, 20 Sep 1997, leg. A. Saitta, 609611.

Collybia dryophila (Bull. : Fr.) P. Kummer — in beech litter.

Piano della Madonna, 15 Oct 1994, 20 Oct 1994, 27 Oct 1994, 24 Nov 1994, 30 Aug 1995, 21 Jun 1996, 06 Sep 1996, 14 Sep 1997, 20 Sep 1997, 05 Oct 1997, leg. *G. Venturella* & *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 15 Oct 1994, 27 Oct 1994, 24 Nov 1994, 30 Aug 1995, 15 Sep 1995, 30 Sep 1995, 06 Sep 1996, 14 Sep 1997, 20 Sep 1997, leg. *G. Venturella* & *A. Saitta*, 609612; **Monte dei Cervi**, 15 Oct 1994, 20 Oct 1994, 27 Oct 1994, 24 Nov 1994, 30 Aug 1995, 15 Sep 1995, 30 Sep 1995, 21 Jun 1996, 06 Sep 1996, 14 Sep 1997, 20 Sep 1997, 05 Oct 1997, leg. *G. Venturella* & *A. Saitta*, 609611; **Pizzo Colla**, 15 Oct 1994, 20 Oct 1994, 27 Oct 1994, 24 Nov 1994, 15 Sep 1995, 30 Sep 1995, 21 Jun 1996, 14 Sep 1997, 20 Sep 1997, 05 Oct 1997, leg. *G. Venturella* & *A. Saitta*, 609611.

Collybia fusipes (Bull. : Fr.) Quélet — on beech stumps.

Pizzo Colla, 06 Sep 1996, 20 Sep 1997, leg. *G. Venturella* & *A. Saitta*, 609611.

Collybia hariolorum (Bull. : Fr.) Quélet — on beech wood debris.

Monte dei Cervi, 03 Jun 1998, leg. *A. Saitta*, 609611; **Pizzo Colla**, 29 May 1998, 03 Jun 1998, leg. *A. Saitta*, 609611.

Collybia peronata (Bolton : Fr.) P. Kummer — in beech litter.

Piano della Madonna, 24 Nov 1994, 06 Sep 1996, 20 Sep 1997, leg. *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 24 Nov 1994, 30 Sep 1995, 06 Sep 1996, 20 Sep 1997, 28 Sep 1997, leg. *A. Saitta*, 609612; **Monte dei Cervi**, 24 Nov 1994, 30 Sep 1995, 06 Sep 1996, 28 Sep 1997, leg. *A. Saitta*, 609611; **Pizzo Colla**, 30 Sep 1995, 06 Sep 1996, leg. *A. Saitta*, 609611.

**Laccaria affinis* (Singer) Bon — in the wood glades.

Piano della Madonna, 27 Oct 1996, leg. *A. Saitta*, 609611-609612.

Laccaria amethystina (Hudson) Cooke — in beech litter.

Piano della Madonna, 15 Oct 1994, 15 Sep 1995, 10 Oct 1996, leg. *A. Saitta*, 609611-609612; **Monte dei Cervi**, 10 Oct 1996, 20 Sep 1997, leg. *A. Saitta*, 609611.

Laccaria laccata (Scop. : Fr.) Cooke — in the wood glades.

Piano della Madonna, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 01 Dec 1994, 30 Aug 1995, 09 Sep 1995, 15 Sep 1995, 30 Sep 1995, 06 Sep 1996, 14 Sep 1996, 10 Oct 1996, 14 Sep 1997, 20 Sep 1997, 10 Oct 1997, 15 Oct 1997, leg. *G. Venturella* & *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 01 Dec 1994, 30 Aug 1995, 09 Sep 1995, 15 Sep 1995, 30 Sep 1995, 06 Sep 1996, 14 Sep 1996, 10 Oct 1996, 14 Sep 1997, 20 Sep 1997, 10 Oct 1997, 15 Oct 1997, leg. *G. Venturella* & *A. Saitta*, 609612; **Monte dei Cervi**, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 01 Dec 1994, 30 Aug 1995, 09 Sep 1995, 15 Sep 1995, 30 Sep 1995, 06 Sep 1996, 14 Sep 1996, 10 Oct 1996, 14 Sep 1997, 20 Sep 1997, 10 Oct 1997, 15 Oct 1997, leg. *G. Venturella* & *A. Saitta*, 609611; **Pizzo Colla**, 27 Oct 1994, 03 Nov 1994, 01 Dec 1994, 30 Aug 1995, 09 Sep 1995, 30 Sep 1995, 06 Sep 1996,

14 Sep 1996, 10 Oct 1996, 14 Sep 1997, 20 Sep 1997, 10 Oct 1997, 15 Oct 1997, leg. G. Venturella & A. Saitta, 609611.

Lepista flaccida (Sow. : Fr.) Patouillard — in beech litter.

Piano della Madonna, 01 Dec 1994, 19 Nov 1995, 23 Oct 1997, leg. A. Saitta, 609611-609612; **Monte dei Cervi**, 01 Dec 1994, 19 Nov 1995, 23 Oct 1997, leg. A. Saitta, 609611.

Lepista nuda (Bull. : Fr.) Cooke — in beech litter.

Piano della Madonna, 20 Oct 1994, 03 Nov 1994, 30 Sep 1995, 10 Oct 1996, 05 Oct 1997, 10 Oct 1997, leg. G. Venturella & A. Saitta, 609611-609612; **Cozzo Cerasa**, 03 Nov 1994, 01 Dec 1994, 30 Sep 1995, 10 Oct 1996, 05 Oct 1997, 10 Oct 1997, leg. G. Venturella & A. Saitta, 609612; **Monte dei Cervi**, 20 Oct 1994, 03 Nov 1994, 30 Sep 1995, 10 Oct 1996, 10 Oct 1997, leg. G. Venturella & A. Saitta, 609611; **Pizzo Colla**, 20 Oct 1994, 03 Nov 1994, 01 Dec 1994, 30 Sep 1995, 10 Oct 1996, 05 Oct 1997, leg. G. Venturella & A. Saitta, 609611.

**Lyophyllum fumosum* (Pers. : Fr.) Kühner & Romagnesi ex Orton — in beech litter.

Monte dei Cervi, 10 Oct 1996, leg. A. Saitta, 609611.

**Lyophyllum leucophaeatum* (P. Karsten) P. Karsten — in beech litter.

Cozzo Cerasa, 15 Sep 1995, 30 Sep 1995, leg. A. Saitta, 609612; **Monte dei Cervi**, 15 Oct 1994, 24 Nov 1994, 15 Sep 1995, 30 Sep 1995, leg. A. Saitta, 609611.

**Lyophyllum semitale* (Fr.) Kühner — in beech litter.

Pizzo Colla, 10 Oct 1996, leg. A. Saitta, 609611.

**Marasmiellus candidus* (Bolton) Singer — on fallen branches of *F. sylvatica* L.

Monte dei Cervi, 10 Oct 1996, leg. A. Saitta, 609611.

**Marasmiellus ramealis* (Bull. : Fr.) Singer — on rotting branches of *F. sylvatica* L.

Piano della Madonna, 03 Nov 1994, leg. A. Saitta, 609611-609612.

**Marasmius epiphyllus* (Pers. : Fr.) Fr. — on beech leaves.

Cozzo Cerasa, 10 Oct 1994, leg. A. Saitta, 609612.

**Marasmius rotula* (Scop. : Fr.) Fr. — fallen branches of *F. sylvatica* L.

Piano della Madonna, 01 Dec 1994, 12 Nov 1997, leg. G. Venturella & A. Saitta, 609611-609612; **Pizzo Colla**, 12 Nov 1997, leg. G. Venturella & A. Saitta, 609611.

Marasmius wynneae Berk. & Br. — in beech litter.

Piano della Madonna, 20 Oct 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 15 Sep 1995, 10 Oct 1996, 05 Oct 1997, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 20 Oct 1994, 03 Nov 1994, 24 Nov 1994, 10 Oct 1996, 28 Sep 1997, 05 Oct 1997, leg. A. Saitta, 609612; **Monte dei Cervi**, 20 Oct 1994, 27 Oct 1994, 03 Nov 1994,

24 Nov 1994, 15 Sep 1995, 10 Oct 1996, 28 Sep 1997, 05 Oct 1997, leg. *A. Saitta*, 609611; **Pizzo Colla**, 20 Oct 1994, 27 Oct 1994, 02 Sep 1995, 15 Sep 1995, 10 Oct 1996, 28 Sep 1997, 05 Oct 1997, leg. *A. Saitta*, 609611.

Mycena galericulata (Scop. : Fr.) S. F. Gray — on beech stumps.

Piano della Madonna, 27 Oct 1994, 24 Nov 1994, leg. *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 30 Aug 1995, 14 Sep 1997, leg. *A. Saitta*, 609612.

**Mycena galopus* (Pers. : Fr.) P. Kummer — in beech litter.

Pizzo Colla, 06 Sep 1996, leg. *A. Saitta*, 609611.

**Mycena galopus* (Pers. : Fr.) P. Kummer var. *candida* Lange — in beech litter.

Pizzo Colla, 23 May 1996, leg. *A. Saitta*, 609611.

Mycena pelianthina (Fr. : Fr.) Quélet — in beech litter.

Piano della Madonna, 24 Nov 1994, 15 Sep 1995, 10 Oct 1996, leg. *A. Saitta*, 609611-609612; **Monte dei Cervi**, 20 Oct 1994, 15 Sep 1995, 10 Oct 1996, 15 Oct 1997, leg. *A. Saitta*, 609611.

Mycena pura (Pers. : Fr.) P. Kummer — in beech litter.

Piano della Madonna, 15 Oct 1994, 20 Oct 1994, 27 Oct 1994, 01 Dec 1994, 15 Dec 1994, 02 Sep 1995, 09 Sep 1995, 19 Nov 1995, 14 Sep 1996, 10 Oct 1996, 15 Oct 1997, 23 Oct 1997, 30 Oct 1997, 05 Nov 1997, 12 Nov 1997, leg. *G. Venturella* & *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 15 Oct 1994, 20 Oct 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 01 Dec 1994, 02 Sep 1995, 09 Sep 1995, 14 Sep 1996, 15 Oct 1997, 23 Oct 1997, 30 Oct 1997, 05 Nov 1997, 12 Nov 1997, leg. *G. Venturella* & *A. Saitta*, 609612; **Monte dei Cervi**, 15 Oct 1994, 20 Oct 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 01 Dec 1994, 15 Dec 1994, 02 Sep 1995, 09 Sep 1995, 19 Nov 1995, 14 Sep 1996, 10 Oct 1996, 15 Oct 1997, 23 Oct 1997, 30 Oct 1997, 05 Nov 1997, 12 Nov 1997, leg. *G. Venturella* & *A. Saitta*, 609611; **Pizzo Colla**, 15 Oct 1994, 20 Oct 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 01 Dec 1994, 15 Dec 1994, 09 Sep 1995, 19 Nov 1995, 14 Sep 1996, 10 Oct 1996, 23 Oct 1997, 12 Nov 1997, leg. *A. Saitta*, 609611.

**Mycena rosea* (Bull.) Gramberg — in beech litter.

Piano della Madonna, 20 Oct 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 15 Dec 1994, 30 Aug 1995, 02 Sep 1995, 09 Sep 1995, 19 Nov 1995, 10 Oct 1996, 28 Sep 1997, 10 Oct 1997, 15 Oct 1997, 30 Oct 1997, leg. *G. Venturella* & *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 20 Oct 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 01 Dec 1994, 15 Dec 1994, 30 Aug 1995, 02 Sep 1995, 09 Sep 1995, 19 Nov 1995, 10 Oct 1996, 10 Oct 1997, 15 Oct 1997, 23 Oct 1997, 30 Oct 1997, leg. *G. Venturella* & *A. Saitta*, 609612; **Monte dei Cervi**, 20 Oct 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 01 Dec 1994, 15 Dec 1994, 30 Aug 1995, 02 Sep 1995, 09 Sep 1995, 19 Nov 1995, 14 Sep 1996, 10 Oct 1996, 10 Oct 1997, 15 Oct 1997, 23 Oct 1997, 30 Oct 1997, leg. *G. Venturella* & *A. Saitta*, 609611; **Pizzo Colla**, 20 Oct 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 01 Dec 1994, 15 Dec 1994, 30 Aug 1995, 02 Sep

1995, 09 Sep 1995, 19 Nov 1995, 14 Sep 1996, 10 Oct 1996, 28 Sep 1997, 10 Oct 1997, 15 Oct 1997, 23 Oct 1997, leg. *G. Venturella* & *A. Saitta*, 609611.

**Mycena supina* (Fr.) P. Kummer — in beech litter.

Piano della Madonna, 10 Oct 1996, leg. *G. Venturella* & *A. Saitta*, 609611-609612.

**Mycena viscosa* Maire — on rotting branches of *F. sylvatica* L.

Pizzo Colla, 10 Oct 1996, leg. *A. Saitta*, 609611.

Oudemansiella pudens (Pers.) Pegler & Young — on beech wood residues.

Cozzo Cerasa, 20 Jun 1996, leg. *A. Saitta*, 609612.

Oudemansiella radicata (Rehl. : Fr.) Singer — on stumps and beech wood residues.

Piano della Madonna, 19 Aug 1994, 02 Sep 1994, 29 Sep 1994, 15 Oct 1994, 20 Oct 1994, 24 Nov 1994, 21 Aug 1995, 02 Sep 1995, 09 Sep 1995, 14 Sep 1996, 17 Sep 1996, 03 Sep 1997, 14 Sep 1997, 05 Oct 1997, 15 Oct 1997, leg. *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 19 Aug 1994, 02 Sep 1994, 29 Sep 1994, 15 Oct 1994, 20 Oct 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 09 Sep 1995, 30 Sep 1995, 14 Sep 1996, 17 Sep 1996, 03 Sep 1997, 14 Sep 1997, 15 Oct 1997, leg. *A. Saitta*, 609612; **Monte dei Cervi**, 19 Aug 1994, 02 Sep 1994, 29 Sep 1994, 15 Oct 1994, 20 Oct 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 21 Aug 1995, 09 Sep 1995, 30 Sep 1995, 14 Sep 1996, 17 Sep 1996, 03 Sep 1997, 14 Sep 1997, 20 Sep 1997, 05 Oct 1997, 15 Oct 1997, leg. *A. Saitta*, 609611; **Pizzo Colla**, 19 Aug 1994, 02 Sep 1994, 29 Sep 1994, 15 Oct 1994, 20 Oct 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 21 Aug 1995, 02 Sep 1995, 09 Sep 1995, 17 Sep 1996, 03 Sep 1997, 14 Sep 1997, 20 Sep 1997, 05 Oct 1997, leg. *A. Saitta*, 609611.

Pseudoclitocybe cyathiformis (Bull. : Fr.) Singer — in beech litter.

Piano della Madonna, 27 Oct 1994, 24 Nov 1994, 10 Oct 1996, leg. *G. Venturella* & *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 27 Oct 1994, 24 Nov 1994, 23 Oct 1997, leg. *G. Venturella* & *A. Saitta*, 609612; **Monte dei Cervi**, 27 Oct 1994, 24 Nov 1994, 23 Oct 1997, leg. *G. Venturella* & *A. Saitta*, 609611; **Pizzo Colla**, 27 Oct 1994, 24 Nov 1994, 10 Oct 1996, 23 Oct 1997, leg. *G. Venturella* & *A. Saitta*, 609611.

**Tricholoma albobrunneum* (Pers. : Fr.) P. Kummer — in beech litter.

Cozzo Cerasa, 01 Dec 1994, leg. *A. Saitta*, 609612; **Pizzo Colla**, 01 Dec 1994, leg. *A. Saitta*, 609612.

**Tricholoma basirubens* (Bon) Riva & Bon — in beech litter.

Piano della Madonna, 14 Sep 1996, leg. *A. Saitta*, 609611-609612; **Monte dei Cervi**, 15 Sep 1995, 19 Nov 1995, 14 Sep 1996, 20 Sep 1997, leg. *A. Saitta*, 609611.

**Tricholoma gausapatum* (Fr. : Fr.) Quélet — in beech litter.

Piano della Madonna, 30 Oct 1997, leg. *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 30 Oct 1997, leg. *A. Saitta*, 609612.

**Tricholoma orirubens* Quélet — in beech litter.

Piano della Madonna, 30 Oct 1997, leg. A. Saitta, 609611-609612.

Tricholoma saponaceum (Fr. : Fr.) P. Kummer — in beech litter.

Piano della Madonna, 27 Oct 1994, 24 Nov 1994, 15 Sep 1995, 05 Oct 1997, 10 Oct 1997, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 27 Oct 1994, 30 Aug 1995, 15 Sep 1995, 05 Oct 1997, 10 Oct 1997, leg. A. Saitta, 609612; **Monte dei Cervi**, 27 Oct 1994, 24 Nov 1994, 30 Aug 1995, 05 Oct 1997, 10 Oct 1997, leg. A. Saitta, 609611; **Pizzo Colla**, 27 Oct 1994, 24 Nov 1994, 30 Aug 1995, 15 Sep 1995, 05 Oct 1997, leg. A. Saitta, 609611.

Tricholoma saponaceum (Fr.) P. Kummer var. *squamosum* (Cooke) Rea fo. *ardosiacum* (Bres.) Bon — in beech litter.

Piano della Madonna, 30 Oct 1997, leg. A. Saitta, 609611-609612.

Tricholoma sulphureum (Bull. : Fr.) P. Kummer — in beech litter.

Piano della Madonna, 03 Nov 1994, 14 Sep 1996, 10 Oct 1996, 28 Sep 1997, 23 Oct 1997, leg. A. Saitta, 609611-609612; **Monte dei Cervi**, 03 Nov 1994, 24 Nov 1994, 30 Aug 1995, 14 Sep 1996, 10 Oct 1996, 28 Sep 1997, leg. A. Saitta, 609611.

Xerocomaceae

Xerocomus chrysenteron (Bull.) Quélet — in beech litter.

Piano della Madonna, 20 Oct 1994, 27 Oct 1994, 24 Nov 1994, 24 Jun 1995, 02 Sep 1995, 09 Sep 1995, 15 Sep 1995, 17 Sep 1996, 10 Oct 1997, leg. G. Venturella & A. Saitta, 609611-609612; **Cozzo Cerasa**, 20 Oct 1994, 03 Nov 1994, 24 Nov 1994, 24 Jun 1995, 02 Sep 1995, 09 Sep 1995, 15 Sep 1995, 17 Sep 1996, 03 Sep 1997, 14 Sep 1997, 10 Oct 1997, leg. G. Venturella & A. Saitta, 609612; **Monte dei Cervi**, 20 Oct 1994, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 24 Jun 1995, 02 Sep 1995, 09 Sep 1995, 15 Sep 1995, 17 Sep 1996, 03 Sep 1997, 14 Sep 1997, 10 Oct 1997, leg. G. Venturella & A. Saitta, 609611; **Pizzo Colla**, 03 Nov 1994, 24 Nov 1994, 24 Jun 1995, 02 Sep 1995, 09 Sep 1995, 17 Sep 1996, 03 Sep 1997, 14 Sep 1997, leg. G. Venturella & A. Saitta, 609611.

Xerocomus ferrugineus (Schaeffer) Bon — in beech litter.

Pizzo Colla, 24 Nov 1994, 10 Oct 1997, leg. G. Venturella & A. Saitta, 609611.

Xerocomus subtomentosus (L. : Fr.) Quélet — in beech litter.

Monte dei Cervi, 09 Sep 1995, 14 Sep 1997, leg. A. Saitta, 609611; **Pizzo Colla**, 30 Aug 1995, 09 Sep 1995, 14 Sep 1997, leg. A. Saitta, 609611.

List of graminicolous, coprophilous and other species not strictly related to beech-woods

ASCOMYCOTINA

Leotiaceae

**Crocicreas cyathoideum* (Bull. : Fr.) Carpenter var. *cacaliae* (Pers. : Fr.) Carpenter — on stems of *Cachrys ferulacea*.

Pizzo Colla, 23 May 1998, leg. G. Venturella & A. Saitta, 609611.

BASIDIOMYCOTINA

Agaricaceae

Agaricus arvensis Schaeffer : Fr. — in the wood glades.

Piano della Madonna, 27 Oct 1994, 30 Sep 1995, 14 Sep 1996, 17 Sep 1996, 14 Sep 1997, 28 Sep 1997, leg. A. Saitta, 609611-609612; Cozzo Cerasa, 30 Sep 1995, 14 Sep 1996, 17 Sep 1996, 10 Oct 1996, 14 Sep 1997, 28 Sep 1997, 10 Oct 1997; leg. A. Saitta, 609612; Monte dei Cervi, 27 Oct 1994, 30 Sep 1995, 14 Sep 1996, 28 Sep 1997, 10 Oct 1997, leg. A. Saitta, 609611; Pizzo Colla, 30 Sep 1995, 14 Sep 1996, 17 Sep 1996, 10 Oct 1996, 14 Sep 1997, 28 Sep 1997, leg. A. Saitta, 609611.

Agaricus campestris L. : Fr. — in the wood glades.

Piano della Madonna, 27 Oct 1994, 02 Sep 1995, 23 May 1996, 12 May 1997, leg. G. Venturella & A. Saitta, 609611-609612; Cozzo Cerasa, 02 Sep 1995, 23 May 1996, 10 Oct 1996, leg. G. Venturella & A. Saitta, 609612; Monte dei Cervi 02 Sep 1995, 23 May 1996, 10 Oct 1996, 12 May 1997, leg. G. Venturella & A. Saitta, 609611; Pizzo Colla, 27 Oct 1994, 02 Sep 1995, 23 May 1996, leg. G. Venturella & A. Saitta, 609611.

**Agaricus pseudopratensis* (Bohus) Wasser var. *pseudopratensis* — in the wood glades.

Pizzo Colla, 19 Oct 1997, leg. A. Saitta, 609611.

Macrolepiota excoriata (Schaeffer : Fr.) Wasser — in the wood glades.

Piano della Madonna, 27 Oct 1994, 24 Nov 1994, leg. G. Venturella & A. Saitta, 609611-609612; Cozzo Cerasa, 05 Oct 1997, leg. A. Saitta, 609612; Monte dei Cervi, 27 Oct 1994, 24 Nov 1994, 12 Oct 1996, leg. G. Venturella & A. Saitta, 609611; Pizzo Colla, 14 Sep 1997, 05 Oct 1997, leg. G. Venturella & A. Saitta, 609611.

Bolbitiaceae

**Agrocybe molesta* (Lasch) Singer — in beech litter.

Piano della Madonna, 21 Jun 1996, leg. A. Saitta, 609611-609612.

**Agrocybe pediades* (Pers. : Fr.) Fayod — in beech litter.

Pizzo Colla, 23 May 1998, leg. *G. Venturella* & *A. Saitta*, 609611.

**Bolbitius vitellinus* (Pers. : Fr.) Fr. — on bovine dung.

Piano della Madonna, 09 Sep 1995, 28 Sep 1997, leg. *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 20 Sep 1997, 28 Sep 1997, leg. *A. Saitta*, 609612; **Monte dei Cervi**, 09 Sep 1995, 28 Sep 1997, leg. *A. Saitta*, 609611; **Pizzo Colla**, 09 Sep 1995, 15 Sep 1995, leg. *A. Saitta*, 609611.

Boletaceae

Suillus granulatus (L. : Fr.) Roussel — in the glades near plants of *Pinus nigra* Arnold.

Piano della Madonna, 03 Nov 1994, 01 Dec 1994, 02 Sep 1995, 09 Sep 1995, 15 Sep 1995, 17 Sep 1996, 20 Sep 1997, 05 Oct 1997, 10 Oct 1997, 15 Oct 1997, leg. *A. Saitta*, 609611-609612.

Suillus luteus (L. : Fr.) Roussel — in the glades near plants of *Pinus nigra* Arnold.

Piano della Madonna, 03 Nov 1994, 01 Dec 1994, 15 Sep 1995, 10 Oct 1996, 20 Sep 1997, 05 Oct 1997, leg. *G. Venturella* & *A. Saitta*, 609611-609612.

Coprinaceae

Coprinus comatus (Müll. : Fr.) Pers. — in the wood glades.

Pizzo Colla, 16 May 1998, leg. *Venturella* & *A. Saitta*, 609611.

**Coprinus niveus* (Pers. : Fr.) Fr. — on cow dung.

Piano della Madonna, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 02 Sep 1995, 30 Sep 1995, 18 May 1996, 10 Oct 1996, 28 Sep 1997, 10 Oct 1997, 16 May 1998, 23 May 1998, leg. *G. Venturella* & *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 02 Sep 1995, 15 Sep 1995, 30 Sep 1995, 18 May 1996, 10 Oct 1996, 03 Sep 1997, 10 Oct 1997, 28 Sep 1997, 10 Oct 1997, 16 May 1998, 23 May 1998, leg. *G. Venturella* & *A. Saitta*, 609612; **Monte dei Cervi**, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 02 Sep 1995, 15 Sep 1995, 30 Sep 1995, 18 May 1996, 10 Oct 1997, 28 Sep 1997, 10 Oct 1997, 16 May 1998, 23 May 1998, leg. *G. Venturella* & *A. Saitta*, 609611; **Pizzo Colla**, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 02 Sep 1995, 15 Sep 1995, 30 Sep 1995, 18 May 1996, 10 Oct 1996, 10 Oct 1997, 28 Sep 1997, 10 Oct 1997, 16 May 1998, 23 May 1998, leg. *G. Venturella* & *A. Saitta*, 609611.

**Coprinus vosoustii* Pilát — in the wood glades.

Pizzo Colla, 18 May 1996, leg. *G. Venturella* & *A. Saitta*, 609611.

Cortinariaceae

Cortinarius cedretorum Maire — in the wood glades near plants of *Cedrus atlantica* (Endl.) Carrière.

Piano della Madonna, 24 Nov 1994, 30 Sep 1995, 23 Oct 1997, leg. *A. Saitta*, 609611-609612.

Gomphidiaceae

Chroogomphus rutilus (Schaeffer : Fr.) Miller — in the glades near plants of *Pinus nigra* Arnold.

Piano della Madonna, 27 Oct 1994, 03 Nov 1994, 01 Dec 1994, 15 Sep 1995, 30 Sep 1995, 17 Sep 1996, 10 Oct 1996, 28 Sep 1997, 10 Oct 1997, leg. *G. Venturella* & *A. Saitta*, 609611-609612.

Hygrophoraceae

**Cuphophyllus virgineus* (Wulf. : Fr.) Kovalenko — in beech litter.

Monte dei Cervi, 19 Nov 1995, 05 Nov 1997, leg. *A. Saitta*, 609611.

**Hygrocybe aurantioviscida* Arnolds — in the wood glades.

Piano della Madonna, 10 Oct 1996, leg. *A. Saitta*, 609611-609612.

Lentinaceae

Pleurotus eryngii (DC. : Fr.) Quélet — on root residues of *Eryngium campestre* L.

Piano della Madonna, 19 Nov 1995, 10 Oct 1996, 15 Oct 1997, leg. *A. Saitta*, 609611-609612; **Pizzo Colla**, 19 Nov 1995, 10 Oct 1996, 23 Oct 1997, leg. *A. Saitta* 609611.

Pleurotus nebrodensis (Inzenga) Quélet — on root residues of *Cachrys ferulacea* (L.) Calestani

Piano della Madonna, 12 May 1995, 09 Jun 1995, 18 May 1996, 23 May 1996, 21 Jun 1996, 30 Apr 1997, 03 May 1997, 21 May 1997, leg. *G. Venturella* & *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 12 May 1995, 24 May 1995, 09 Jun 1995, 21 Jun 1996, 21 May 1997, leg. *G. Venturella* & *A. Saitta*, 609612; **Monte dei Cervi**, 12 May 1995, 24 May 1995, 09 Jun 1995, 18 May 1996, 23 May 1996, 21 Jun 1996, 30 Apr 1997, 03 May 1997, 21 May 1997, leg. *A. Saitta*, 609611; **Pizzo Colla**, 12 May 1995, 24 May 1995, 09 Jun 1995, 18 May 1996, 23 May 1996, 03 May 1997, leg. *A. Saitta*, 609611.

Lycoperdaceae

Bovista plumbea Pers. : Pers. — in beech litter.

Piano della Madonna, 10 Oct 1996, leg. *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 17 Sep 1996, 15 Oct 1997, leg. *A. Saitta*, 609612.

Calvatia utriformis (Bull. : Pers.) Jaap — in the wood glades.

Piano della Madonna, 02 Sep 1995, 15 Sep 1995, 30 Sep 1995, 23 May 1996, 14 Sep 1997, 28 Sep 1997, leg. *A. Saitta*, 609611-609612; **Cozzo Cerasa**, 30 Sep 1995, 23 May 1996, 28 Jun 1996, 14 Sep 1997, 28 Sep 1997, leg. *A. Saitta*, 609612.

Langermannia gigantea (Batsch : Pers.) Rostk. — in the wood glades.

Piano della Madonna, 24 May 1998, leg. *A. Saitta*, 609611-609612.

Russulaceae

Lactarius deliciosus (L. : Fr.) S. F. Gray — in the wood glades near plants of *P. nigra* Arnold.

Piano della Madonna, 03 Nov 1994, 01 Dec 1994, 30 Sep 1995, 10 Oct 1996, 28 Sep 1997, 05 Oct 1997, leg. A. Saitta, 609611-609612.

**Lactarius semisanguifluus* Heim & Leclair — in the wood glades near plants of *P. nigra* Arnold.

Piano della Madonna, 30 Sep 1995, 10 Oct 1997, leg. A. Saitta, 609611-609612.

Strophariaceae

**Panaeolus rickenii* Hora — in the wood glades.

Piano della Madonna, 10 Oct 1996, 05 Oct 1997, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 10 Oct 1996, 05 Oct 1997, leg. A. Saitta, 609612.

**Panaeolus sphinctrinus* (Fr.) Quélet — on cow dung.

Piano della Madonna, 09 Sep 1995, 10 Oct 1996, 19 Oct 1997, 23 May 1998, leg. A. Saitta, 609611-609612; **Monte dei Cervi**, 09 Sep 1995, 10 Oct 1996, 14 Sep 1997, 19 Oct 1997, 16 May 1998, 23 May 1998, leg. A. Saitta, 609611; **Pizzo Colla**, 09 Sep 1995, 14 Sep 1997, 19 Oct 1997, 16 May 1998, leg. A. Saitta, 609611.

Pholiota highlandensis (Peck) Smith — on burnt areas within the wood.

Piano della Madonna, 09 Sep 1995, 15 Sep 1995, 14 Sep 1997, 20 Sep 1997, leg. A. Saitta, 609611-609612.

**Stropharia coronilla* (Bull. : Fr.) Quélet — in the wood glades.

Cozzo Cerasa, 14 Sep 1996, 20 Sep 1997, leg. G. Venturella & A. Saitta, 609612; **Monte dei Cervi**, 14 Sep 1996, 20 Sep 1997, leg. G. Venturella & A. Saitta, 609611.

Stropharia semiglobata (Batsch : Fr.) Quélet — in the wood glades.

Cozzo Cerasa, 10 Oct 1996, leg. A. Saitta, 609612; **Monte dei Cervi**, 15 Oct 1997, leg. G. Venturella & A. Saitta, 609611.

Tricholomataceae

Melanoleuca melaleuca (Pers. : Fr.) Murril — in the wood glades.

Piano della Madonna, 15 Sep 1995, 14 Sep 1996, 10 Oct 1996, 20 Sep 1997, leg. A. Saitta, 609611-609612; **Cozzo Cerasa**, 20 Oct 1994, 15 Sep 1995, 14 Sep 1996, 10 Oct 1996, 20 Sep 1997, leg. A. Saitta, 609612; **Monte dei Cervi**, 20 Oct 1994, 27 Oct 1994, 15 Sep 1995, 10 Oct 1996, 20 Sep 1997, leg. A. Saitta, 609611.

**Melanoleuca pseudoevenosa* (Bon) ex Moreno & Bon — in the wood glades.

Monte dei Cervi, 10 Jun 1998, leg. A. Saitta, 609611.

**Tricholoma sculpturatum* (Fr.) Quélet — in the glades near plants of *Pinus nigra* Arnold.

Monte dei Cervi, 09 Sep 1995, leg. A. Saitta, 609611; Pizzo Colla, 10 Oct 1996, 15 Oct 1997, leg. A. Saitta, 609611.

Tricholoma terreum (Schaeffer : Fr.) P. Kummer — in the glades near plants of *Pinus nigra* Arnold.

Piano della Madonna, 27 Oct 1994, 03 Nov 1994, 24 Nov 1994, 01 Dec 1994, 23 Oct 1997, 30 Oct 1997, 05 Nov 1997, leg. G. Venturella & A. Saitta, 609611-609612.

Discussion and conclusions

216 infrageneric taxa (213 species and 3 varieties) belonging to 85 genera and 46 families were recorded in the beech-woods of Piano della Madonna, Cozzo Cerasa, Monte dei Cervi and Pizzo Colla in the Madonie Park. This Mycota consists of 193 basidiomycetes and 23 ascomycetes, i.e. 89.4 % and 10.6 % of the taxa recorded, respectively. *Tricholomataceae* with 48 taxa is the most representative family followed by *Russulaceae* (20), *Boletaceae* (18), *Agaricaceae* (12), *Cortinariaceae* (11), *Strophariaceae* and *Coprinaceae* (9), *Amanitaceae*, *Hygrophoraceae* and *Lycoperdaceae* (7). All the taxa collected are unpublished for the Sicilian *Fagus sylvatica* woods, 30 of which are new records for the Sicilian mycological flora. These are *Agrocybe pediades*, *Bertia moriformis*, *Clavariadelphus flavoimmaturus*, *Collybia alcalivirens*, *C. aquosa*, *Cerocorticium confluens*, *Coprinus vousostii*, *C. impatiens*, *Cortinarius meridionalis*, *Crocioreas cyathoides* var. *cacaliae*, *Dacrymyces minor*, *D. stillatus*, *Dasyscyphus bicolor*, *Helvella solitaria*, *Hygrocybe aurantiovivida*, *Hypoxylon cohaerens*, *Lactarius fluens*, *Marasmiellus candidus*, *M. ramealis*, *Melanoleuca pseudoevenosa*, *Melanogaster tuberiformis*, *Mollisia melaleuca*, *Mycena galopus* var. *candida*, *M. supina*, *Panaeolus rickenii*, *Phaeomarasmium erinaceus*, *Polyporus mori*, *Tarsetia catinus*, *Tuber excavatum* and *Tricholoma orirubens*. As reported in Fig. 2, 96 taxa were collected during 1994, 125 taxa in 1995 and 1996, 144 in 1997 and 22 in the spring of 1998.

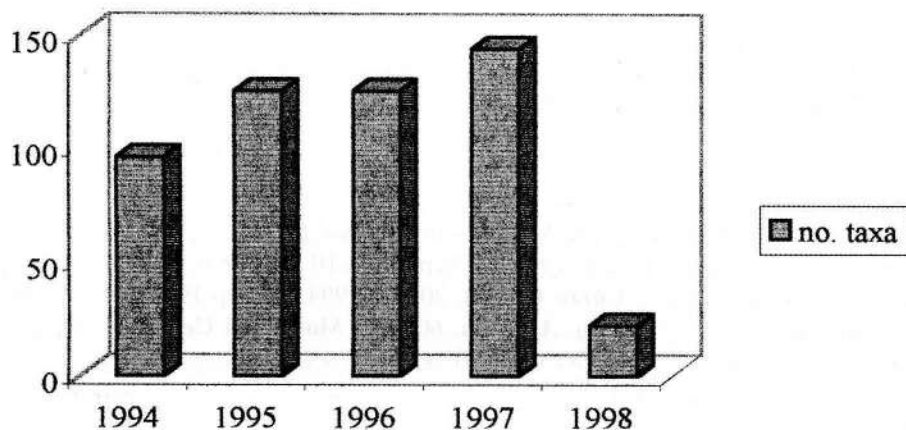


Fig. 2. Number of taxa recorded in each year of investigation.

As shown in Fig. 3 the fructification period is concentrated from May to December and the higher number of taxa was recorded from September to November. The presence of snow from January to April did not permit any sporophore occurrence in any of the areas investigated.

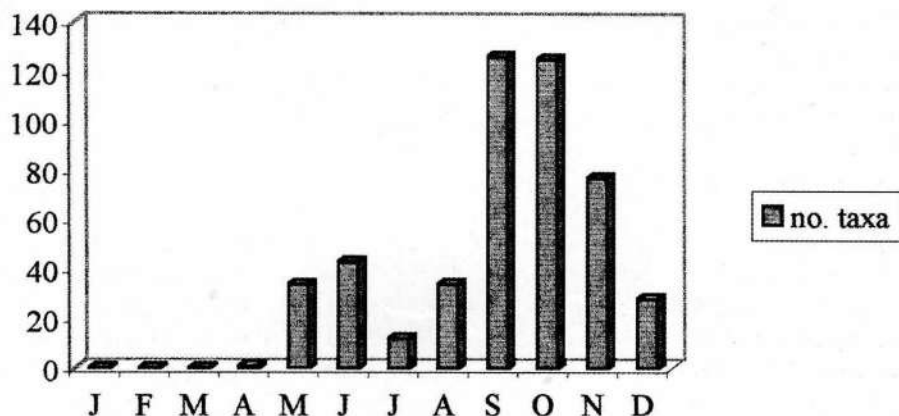


Fig. 3. Number of taxa recorded per each month during the investigation period.

The taxa exclusively growing in spring are 26: *Agrocybe pediades*, *A. praecox*, *Bjerkandera adusta*, *Collybia aquosa*, *C. hariolorum*, *Coprinus vosoustii*, *C. micaceus*, *Crocicreas cyathoides* var. *cacaliae*, *Helvella lacunosa*, *H. acetabulum*, *H. solitaria*, *Hypoxylon serpens*, *Inocybe rimosa*, *Langermannia gigantea*, *Mollisia melaleuca*, *Melanoleuca pseudoevenosa*, *Morchella elata*, *M. esculenta*, *Mycena galopus* var. *candida*, *Otidea cochleata*, *Oudemansiella pudens*, *Peziza badia*, *P. badiocconfusa*, *Pleurotus nebrodensis*, *Polyporus arcularius* and *Tarzettia catinus*.

The reafforestation made in the '60s, particularly in the Piano della Madonna area, with plants of *Pinus nigra* and *Cedrus atlantica* justifies the presence of alien species, *sensu* Arnolds (1981), such as *Cortinarius cedretorum*, *Chroogomphus rutilus*, *Hydnum rufescens*, *Lactarius deliciosus*, *L. semisanguifluus*, *Suillus granulatus*, *S. luteus* and *Tricholoma terreum*.

As regards *Pleurotus nebrodensis*, a rare spring species strictly related to the presence of *Cachrys ferulacea*, it was included in the present study since it is characteristic of the *Cacrhietum ferulaceae* distributed in the glades and in the wood of all the investigated areas.

On the stems of *C. ferulacea* the ascomycetes *Crocicreas cyathoides* var. *cacaliae* was also recorded. *P. eryngii*, too, contributes to characterize the mycological flora of Monte dei Cervi area occurring during autumn in the *Eryngium campestre* pastures located just near the valley.

Although grazing is strictly forbidden sometimes animals are present in the pastures near the wood causing the permanence of bovine and equine dung in the soil on which *Coprinus niveus*, *Panaeolus sphinchtrinus*, *Crucibulum laeve* and *Bolbitius vitellinus* were found.



Fig. 4. Basidiomata of *Helvella solitaria*.



Fig. 5. Basidioma of *Macrotypophula fistulosa*.

Comparing the data published by Ceruti & al. (1987-88), Ubaldi & al. (1990), Clericuzio & Fanelli (1992), Orsino (1991, 1993), Riess & De Colle (1995), Violante & Roca (1995) and Orsino & Dameri (1996) 32 taxa are new records for the Italian beech-woods. They are *Agaricus xanthoderma* var. *griseus*, *Amanita ceciliae*, *A. lividopallescens*, *Boletus fechtneri*, *B. fragrans*, *B. legaliae*, *B. radicans*, *B. torosus*, *Byssomerulius corium*, *Cerocorticium confluens*, *Clavariadelphus truncatus*, *Dasyscyphus bicolor*, *Entoloma lividum*, *Geastrum triplex*, *Hygrophorus melizeus*, *Hypoxylon serpens*, *Lepiota cortinarius*, *Marasmiellus candidus*, *Melanogaster variegatus*, *M. tuberiformis*, *Morchella elata*, *M. esculenta*, *Mycena galopus* var. *candida*, *M. viscosa*, *Otidea cochleata*, *Oudemansiella pudens*, *Peziza badia*, *Polyporus mori*, *Rigidoporus ulmarius*, *Russula xerampelina*, *Sarcoscypha coccinea*, *Tricholoma albobrunneum*.

Some taxa are to be considered as strictly linked with beech or at least showing a marked preference towards this species. According to Orsino & Dameri (1996) the following taxa seem to prefer mesophilous or acidophilous beech woods: *Clavariadelphus pistillaris*, *Collybia hariolorum*, *Hygrophorus cossus*, *H. eburneus*, *Lactarius blennius*, *L. pallidus*, *Marasmius wynneae*, *Mycena pelianthina*, *Oudemansiella radicata*, *Psilocybe squamosa*, *Russula cyanoxantha*, *R. faginea* and *Xerocomus badius*.

The wood species growing on fallen beech branches, stumps, wood debris and cupules are well represented too. They are *Armillaria mellea*, *Bertia moriformis*, *Bjerkandera adusta*, *Byssomerulius corium*, *Calocera cornea*, *Cerocorticium confluens*, *Collybia fusipes*, *Coprinus micaceus*, *Crepidotus variabilis*, *Crucibulum laeve*, *Dacrymyces minor*, *D. stillatus*, *Dasyscyphus bicolor*, *D. virgineus*, *Diatrype disciformis*, *Hymenoscyphus caliculus*, *Hypholoma fasciculare*, *H. sublateritium*, *Hypoxylon cohaerens*, *H. serpens*, *Lycoperdon pyriforme*, *Marasmiellus candidus*, *M. ramealis*, *Marasmius rotula*, *Mollisia cinerea*, *M. melaleuca*, *Mycena galericulata*, *M. viscosa*, *Oudemansiella pudens*, *O. radicata*, *Phaeomarasmium erinaceus*, *Pluteus atricapillus*, *Polyporus arcularius*, *P. brumalis*, *P. mori*, *Psathyrella candolleana*, *Psilocybe squamosa*, *Radulomyces confluens*, *Rigidoporus ulmarius*, *Sarcoscypha coccinea*, *Stereum gausapatum*, *S. hirsutum*, *Trametes versicolor*, *Tremella foliacea* e *Xylaria hypoxylon*.

Many taxa, not exclusive of the *F. sylvatica* woods, i. e. *Amanita rubescens*, *A. pantherina*, *Armillaria mellea*, *Boletus edulis*, *Cantharellus cibarius*, *Clitocybe nebularis*, *Clitopilus prunulus*, *Collybia butyracea*, *C. butyracea* var. *asema*, *C. peronata*, *Cortinarius subfulgens*, *Hypholoma fasciculare*, *H. sublateritium*, *Laccaria amethystina*, *Lactarius piperatus*, *L. vellereus*, *Lepista nuda*, *Lycoperdon perlatum*, *Mycena pura*, *M. rosea*, *Russula foetens*, *Tricholoma saponaceum* and *Xerocomus chrysenteron* contributed to characterize the mycological flora of the areas investigated.

The finding of *Amanita ceciliae*, *Helvella solitaria* (Fig. 4) and *Macrotiophula fistulosa* (Fig. 5) is particularly interesting. The first two species are recorded for the first time for Italy in the beech-woods, while *M. fistulosa* was recorded up to present time only for Liguria by Orsino & Dameri (1996) and by Napoli (1995) in an ilex-wood of Nebrodi Mts (N. Sicily).

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