

Epigeous Macrofungi of the Parque de Natureza de Noudar in Alentejo (Portugal)

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Abstract – This inventory represents the first list of the epigeous macrofungi collected in Parque de Natureza de Noudar (Barrancos, Alentejo, Portugal). Throughout 3 years 162 taxa were registered, from which 8 are new species for Portugal and 77 for Alentejo. Some of them are considered rare species whereas others have been suggested to acquire a conservation status.

Keywords – fungi, holm oak, mediterranean ecosystem, Iberian Peninsula, sporocarps

Introduction

The cork-oak (*Quercus suber* L.) and holm-oak (*Quercus rotundifolia* Lam. = *Quercus ilex* subsp. *ballota* (Desf.) Samp.) stands are the most frequent agroforestry systems in Alentejo (Portugal). In this region 35% of the total forest area is occupied by holm-oak stands. These ecosystems are known by its biodiversity, namely its richness in macrofungal species (DGF 2001). This study was conducted in the Parque de Natureza de Noudar – Barrancos (38° 08' N and 6° 59' W), Alentejo – where the landscape is dominated by holm-oak stands with different shrub or herbaceous composition and cover. The understory consists of mixed sclerophyllous shrubs, mainly *Cistus* spp., *Lavandula* spp., *Genista* spp., *Myrtus communis* L., *Pistacia lentiscus* L., and natural pasture of annual herbaceous (mostly *Asteraceae*, *Poaceae* and *Fabaceae*). Furthermore, this area shelters a number of rich floral communities, with a long natural history of adaptation to the Mediterranean climate and human activities.

With a total area of 994.5 ha, the Parque de Natureza de Noudar is delimited by the Ardila river and the Múrtega stream. Inserted in a classified area of the Rede Natura 2000, it forms an ecological group with other protected areas in Spain.

The climate is Mediterranean, with rainy mild winters and hot dry summers. Mean annual rainfall is 525.6 mm and mean annual air temperature 15.8 °C, with a dry period from May to September (Mendes et al. 1991). The soils are predominantly Luvisols and Leptosols.

Materials and Methods

All specimens were collected from November 2004 to April 2007 in 43 plots scattered throughout the different biotopes with a total area of 1.13 ha. Collected specimens were preserved and deposited in the Évora University Herbarium (UEVH- FUNGI).

Plant nomenclature follows Franco (1971). The macrofungi's catalogue is arranged alphabetically according to order and genus. Taxonomy and nomenclature follows Kirk et al. (2001) and Kirk (2004–08). Current species distribution area was consulted in: Calonge (1998), CMUL (2002), Hernández-Crespo (2006), Pinho-Almeida & Baptista-Ferreira (1996, 2005) and GBIF (2008). New occurrences for Alentejo are marked with (*) and for Portugal (**).

Results

Over a 3-year period, 68 genera comprising 162 macrofungi species were collected. Of these 77 represent new records to the Alentejo region and 8 are reported as new to Portugal. Furthermore, 6 of the identified species are considered rare in the Iberian Peninsula: *Agaricus porphyrizon* P.D. Orton, *Ileodictyon gracile* Berk., *Lactarius camphoratus* (Bull.) Fr., *Lepiota oreadiformis* Velen., *Leucoagaricus melanotrichus* (Malençon & Bertault) Trimbach var. *melanotrichus* and *Phaeomarasmium erinaceus* (Pers.) Scherff. ex Romagn.

Additionally, *Amanita caesarea* (Scop.) Pers., *Amanita verna* (Bull.) Lam., *Cortinarius orellanus* Fr., *Gyroporus castaneus* (Bull.) Quéf. and *Hygrocybe conica* (Scop.) P. Kumm. var. *conica*, also found in the Parque de Natureza de Noudar, have been referred to by Prof. Francisco Calonge as threatened (SMM 2008), thus their conservation status in the Iberian Peninsula requires urgent assessment and legislation.

Catalogue of the collected Macrofungi

Agaricales

Agaricus arvensis Schaeff.

In open *Quercus rotundifolia* Lam. forest, 08.02.2006, UEVH-FUNGI 2000155. *Idem*, UEVH-FUNGI 2000156.

Agaricus bisporus (J.E. Lange) Pilát

In open *Quercus rotundifolia* Lam. forest, 25.10.2006, UEVH-FUNGI 2000334.

Agaricus essettei Bon

In open *Quercus rotundifolia* Lam. forest, 28.12.2005, UEVH-FUNGI 2000105.

Agaricus porphyrizon P.D. Orton

In open *Quercus rotundifolia* Lam. forest, 20.02.2006, UEVH-FUNGI 2000199. *Ibidem*, 02.11.2006, UEVH-FUNGI 2000340. *Ibidem*, in *Quercus rotundifolia* Lam. forest, 19.12.2006, UEVH-FUNGI 2000518. *Ibidem*, 27.12.2006, UEVH-FUNGI 2000537.

- Agaricus xanthodermus* Genev.
In *Quercus rotundifolia* Lam. forest, 02.11.2006, UEVH-FUNGI 2000342.
- Agaricus xanthodermus* var. *lepiotoides* Maire (*)
In open *Quercus rotundifolia* Lam. forest, 27.03.2006, UEVH-FUNGI 2000265. *Ibidem*, 02.11.2006, UEVH-FUNGI 2000337.
- Agrocybe molesta* (Lasch) Singer (*)
In open *Quercus rotundifolia* Lam. forest, 15.03.2006, UEVH-FUNGI 2000230. *Ibidem*, 27.03.2006, UEVH-FUNGI 2000264.
- Agrocybe pediades* (Fr.) Fayod
In open *Quercus rotundifolia* Lam. forest, 21.10.2006, UEVH-FUNGI 2000315. *Ibidem*, 29.11.2006, UEVH-FUNGI 2000430. *Ibidem*, 19.02.2007, UEVH-FUNGI 2000595. *Ibidem*, 12.04.2007, UEVH-FUNGI 2000633.
- Agrocybe praecox* (Pers.) Fayod
In *Quercus rotundifolia* Lam. forest, 13.04.2006, UEVH-FUNGI 2000274. *Ibidem*, in *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 05.04.2006, UEVH-FUNGI 2000280.
- Amanita caesarea* (Scop.) Pers.
In *Quercus rotundifolia* Lam. forest, 25.10.2006, UEVH-FUNGI 2000302.
- Amanita ceciliae* (Berk. & Broome) Bas (*)
In open *Quercus rotundifolia* Lam. forest, 02.11.2004, UEVH-FUNGI 2000001. *Ibidem*, 04.01.2005, UEVH-FUNGI 2000002. *Ibidem*, 13.01.2006, UEVH-FUNGI 2000131.
- Amanita muscaria* (L.) Lam. var. *muscaria*
Under *Cistus ladanifer* L. in *Quercus rotundifolia* Lam. forest, 08.02.2006, UEVH-FUNGI 2000153.
- Amanita phalloides* (Fr.) Link
In *Quercus suber* L. forest, 25.10.2006, UEVH-FUNGI 2000304.
- Amanita ponderosa* Malençon & R. Heim
Under *Cistus ladanifer* L. in *Quercus rotundifolia* Lam. forest, 27.03.2006, UEVH-FUNGI 2000252. *Ibidem*, 22.04.2006, UEVH-FUNGI 2000523.
- Amanita rubescens* Pers. var. *rubescens*
In *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 13.04.2006, UEVH-FUNGI 2000275. *Ibidem*, in *Quercus rotundifolia* Lam. forest, 13.04.2006, UEVH-FUNGI 2000291.
- Amanita vaginata* (Bull.) Lam. var. *vaginata*
In *Quercus rotundifolia* Lam. forest, 13.12.2006, UEVH-FUNGI 2000499.
- Amanita verna* (Bull.) Lam.
In *Quercus suber* L. forest, 14.04.2007, UEVH-FUNGI 2000641.
- Armillaria tabescens* (Scop.) Emel
On rotten wood in *Quercus rotundifolia* Lam. forest, 21.10.2006, UEVH-FUNGI 2000318.
- Bovista delicata* Berk. & M.A. Curtis (*)

Under *Cistus ladanifer* L., 19.12.2006, UEVH-FUNGI 2000515. *Ibidem*, 23.11.2006, UEVH-FUNGI 2000392. *Ibidem*, in *Quercus rotundifolia* Lam. forest, 13.01.2006, UEVH-FUNGI 2000150. *Ibidem*, 23.11.2006, UEVH-FUNGI 2000395.

Bovista dermoxantha (Vittad.) De Toni (*)

In *Quercus rotundifolia* Lam. forest, 27.03.2006, UEVH-FUNGI 2000245. *Ibidem*, 05.04.2006, UEVH-FUNGI 2000268. *Idem*, UEVH-FUNGI 2000279. *Ibidem*, 19.10.2006, UEVH-FUNGI 2000325. *Ibidem*, 20.11.2006, UEVH-FUNGI 2000373. *Ibidem*, 19.12.2006, UEVH-FUNGI 2000510. *Ibidem*, 21.02.2007, UEVH-FUNGI 2000603. *Ibidem*, 19.03.2007, UEVH-FUNGI 2000628. *Ibidem*, in open *Quercus rotundifolia* Lam. forest, 15.03.2006, UEVH-FUNGI 2000227. *Ibidem*, 27.12.2006, UEVH-FUNGI 2000532. *Ibidem*, 22.01.2007, UEVH-FUNGI 2000576. *Ibidem*, in *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 15.03.2006, UEVH-FUNGI 2000231.

Bovista plumbea Pers.

In *Quercus rotundifolia* Lam. forest, 22.04.2006, UEVH-FUNGI 2000296. *Ibidem*, in open areas among grasses, 25.10.2006, UEVH-FUNGI 2000331. *Ibidem*, in soil of open areas in *Quercus rotundifolia* Lam. forest, 12.04.2007, UEVH-FUNGI 2000632.

Calvatia excipuliformis (Scop.) Perdeck (*)

In *Quercus rotundifolia* Lam. forest, 20.11.2006, UEVH-FUNGI 2000371. *Ibidem*, 27.12.2006, UEVH-FUNGI 2000535. *Ibidem*, under *Cistus ladanifer* L. in *Quercus rotundifolia* Lam. forest, 17.01.2007, UEVH-FUNGI 2000551. *Idem*, UEVH-FUNGI 2000560. *Ibidem*, in *Quercus suber* L. forest, 13.12.2006, UEVH-FUNGI 2000505. *Ibidem*, in *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 13.01.2006, UEVH-FUNGI 2000148. *Ibidem*, in open *Quercus rotundifolia* Lam. forest, 12.12.2005, UEVH-FUNGI 2000086. *Ibidem*, 18.12.2005, UEVH-FUNGI 2000177. *Ibidem*, 27.03.2006, UEVH-FUNGI 2000248.

Clitocybe costata Kühner & Romagn.

In *Quercus rotundifolia* Lam. forest, 18.12.2005, UEVH-FUNGI 2000101. *Ibidem*, 29.11.2006, UEVH-FUNGI 2000440.

Clitocybe font-queri R. Heim (*)

In open *Quercus rotundifolia* Lam. forest, 23.11.2006, UEVH-FUNGI 2000413.

Clitocybe metachroa (Fr.) P. Kumm.

In *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 12.12.2005, UEVH-FUNGI 2000090

Clitocybe obsoleta (Batsch) Quél. (*)

In open *Quercus rotundifolia* Lam. forest, 29.11.2006, UEVH-FUNGI 2000427.

Clitocybe squamulosoides var. *meridionalis* Bon (**)

In *Quercus rotundifolia* Lam. forest, 27.12.2006, UEVH-FUNGI 2000533.

Coprinus alopecius Lasch (*)

On soil under *Quercus rotundifolia* Lam. forest, 05.04.2006, UEVH-FUNGI 2000269. *Ibidem*, 22.04.2006, UEVH-FUNGI 2000289.

- Cortinarius anomalus*** (Fr.) Fr.
Under *Cistus ladanifer* L. in *Quercus rotundifolia* Lam. forest, 04.01.2006, UEVH-FUNGI 2000123. *Ibidem*, Under *Cistus ladanifer* L. 19.12.2006, UEVH-FUNGI 2000508.
- Cortinarius bulliardii*** (Pers.) Fr. (*)
In *Quercus rotundifolia* Lam. forest, 20.11.2006, UEVH-FUNGI 2000370.
- Cortinarius orellanus*** Fr.
In *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 24.01.2006, UEVH-FUNGI 2000122.
- Cortinarius trivialis*** J.E. Lange
In *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 28.12.2005, UEVH-FUNGI 2000098. *Ibidem*, in *Quercus suber* L. forest, 13.12.2006, UEVH-FUNGI 2000486.
- Crucibulum laeve*** (Huds.) Kambly
On wood debris in *Quercus rotundifolia* Lam. forest, 17.01.2007, UEVH-FUNGI 2000571.
- Cyathus olla*** (Batsch) Pers.
In open *Quercus rotundifolia* Lam. forest, 29.11.2006, UEVH-FUNGI 2000434.
- Cyathus stercoreus*** (Schwein.) De Toni
In open *Quercus rotundifolia* Lam. forest, 13.12.2006, UEVH-FUNGI 2000492.
- Cystoderma amianthinum*** (Scop.) Fayod (*)
In *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 24.01.2006, UEVH-FUNGI 2000124. *Ibidem*, 20.02.2006, UEVH-FUNGI 2000194. *Ibidem*, 22.04.2006, UEVH-FUNGI 2000300.
- Entoloma cistophilum*** Trimbach (*)
Under *Cistus ladanifer* L., 19.12.2006, UEVH-FUNGI 2000514. *Ibidem*, in *Quercus rotundifolia* Lam. forest, 19.12.2006, UEVH-FUNGI 2000525.
- Entoloma clypeatum*** (L.) P. Kumm.
In *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 12.12.2005, UEVH-FUNGI 2000082. *Ibidem*, in open *Quercus rotundifolia* Lam. forest, 19.12.2006, UEVH-FUNGI 2000506.
- Entoloma hebes*** (Romagn.) Trimbach (*)
In *Quercus rotundifolia* Lam. forest, 13.01.2006, UEVH-FUNGI 2000141. *Ibidem*, 24.11.2006, UEVH-FUNGI 2000049. *Ibidem*, 13.12.2006, UEVH-FUNGI 2000478. *Ibidem*, in *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 24.01.2006, UEVH-FUNGI 2000121. *Ibidem*, 20.02.2006, UEVH-FUNGI 2000196.
- Entoloma occultopigmentatum*** Noordel. & Arnolds (**)
In *Quercus rotundifolia* Lam. forest, 18.12.2005, UEVH-FUNGI 2000095. *Ibidem*, 01.12.2006, UEVH-FUNGI 2000470.
- Entoloma papillatum*** (Bres.) Dennis (*)
In open *Quercus rotundifolia* Lam. forest, 29.11.2006, UEVH-FUNGI 2000433.

- Entoloma serrulatum*** (Pers.) Hesler (*)
In *Quercus suber* L. forest, 13.03.2007, UEVH-FUNGI 2000618.
- Entoloma undatum*** (Fr.) M.M. Moser (*)
Under *Cistus ladanifer* L. in *Quercus rotundifolia* Lam. forest, 01.12.2006, UEVH-FUNGI 2000460. *Ibidem*, 26.12.2006, UEVH-FUNGI 2000617.
Ibidem, in *Quercus rotundifolia* Lam. forest, 02.01.2007, UEVH-FUNGI 2000549.
- Galerina vittiformis*** (Fr.) Earle (*)
In *Quercus rotundifolia* Lam. forest, 02.01.2007, UEVH-FUNGI 2000550.
Ibidem, 17.01.2007, UEVH-FUNGI 2000566. *Ibidem*, in *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 20.02.2006, UEVH-FUNGI 2000191.
- Gymnopus dryophilus*** (Bull.) Murrill
In *Quercus rotundifolia* Lam. forest, 15.03.2006, UEVH-FUNGI 2000225.
Ibidem, 27.03.2006, UEVH-FUNGI 2000254. *Idem*, UEVH-FUNGI 2000262. *Ibidem*, 13.04.2006, UEVH-FUNGI 2000276. *Ibidem*, 19.10.2006, UEVH-FUNGI 2000314. *Ibidem*, in *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 27.03.2006, UEVH-FUNGI 2000261.
- Gymnopus impudicus*** (Fr.) Antonín, Halling & Noordel.
In *Quercus rotundifolia* Lam. forest, 21.10.2006, UEVH-FUNGI 2000317.
Ibidem, 29.11.2006, UEVH-FUNGI 2000418.
- Hebeloma cistophilum*** Maire (*)
Under *Cistus ladanifer* L. in *Quercus rotundifolia* Lam. forest, 02.11.2006, UEVH-FUNGI 2000346. *Ibidem*, 01.12.2006, UEVH-FUNGI 2000468.
Ibidem, under *Cistus ladanifer* L. 19.12.2006, UEVH-FUNGI 2000488.
- Hebeloma mesophaeum*** (Pers.) Quél. var. *mesophaeum*
Under *Cistus ladanifer* L. in *Quercus rotundifolia* Lam. forest, 19.12.2006, UEVH-FUNGI 2000511.
- Hydropus floccipes*** (Fr.) Singer (*)
In *Quercus rotundifolia* Lam. forest, 29.11.2006, UEVH-FUNGI 2000439.
- Hygrocybe conica*** (Scop.) P. Kumm. var. *conica*
Under *Cistus ladanifer* L. in *Quercus rotundifolia* Lam. forest, 13.01.2006, UEVH-FUNGI 2000140. *Ibidem*, 01.12.2006, UEVH-FUNGI 2000464.
- Hygrocybe miniata*** (Fr.) P. Kumm. (*)
Under *Cistus ladanifer* L., 19.12.2006, UEVH-FUNGI 2000509. *Ibidem*, 19.02.2007, UEVH-FUNGI 2000596. *Ibidem*, in *Quercus rotundifolia* Lam. forest, 22.01.2007, UEVH-FUNGI 2000578.
- Hygrocybe russocoriacea*** (Berk. & Jos.K. Mill.) P.D. Orton & Watling
Under *Cistus ladanifer* L., 19.02.2006, UEVH-FUNGI 2000137.
- Hygrocybe virginea*** (Wulfen) P. D. Orton & Watling var. *virginea*
Under *Cistus ladanifer* L., 19.12.2006, UEVH-FUNGI 2000487.
- Hygrophorus arbustivus*** Fr. (*)
In *Quercus rotundifolia* Lam. forest, 29.11.2006, UEVH-FUNGI 2000432.
Ibidem, 17.01.2007, UEVH-FUNGI 2000561. *Ibidem*, in *Quercus suber* L.

- and *Quercus rotundifolia* Lam. mixed forest, 01.03.2006, UEVH-FUNGI 2000205.
- Hygrophorus eburneus* var. *cosus*** (Sowerby) Quél. (**)
In *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 12.12.2005, UEVH-FUNGI 2000074.
- Inocybe assimilata*** Britzelm.
In *Quercus suber* L. forest, 13.03.2007, UEVH-FUNGI 2000623.
- Inocybe asterospora*** Quél. (*)
In *Quercus rotundifolia* Lam. forest, 13.12.2006, UEVH-FUNGI 2000479. *Ibidem*, 17.01.2007, UEVH-FUNGI 2000563. *Ibidem*, 19.02.2007, UEVH-FUNGI 2000593. *Idem*, UEVH-FUNGI 2000597.
- Inocybe bongardii*** (Weinm.) Quél. var. *bongardii*
In *Quercus rotundifolia* Lam. forest, 29.11.2006, UEVH-FUNGI 2000450. *Ibidem*, 27.12.2006, UEVH-FUNGI 2000542. *Ibidem*, under *Cistus ladanifer* L. in *Quercus rotundifolia* Lam. forest, 26.02.2007, UEVH-FUNGI 2000466.
- Inocybe calospora*** Quél. (*)
In *Quercus rotundifolia* Lam. forest, 23.11.2006, UEVH-FUNGI 2000402.
- Inocybe cervicolor*** (Pers.) Quél. (*)
In *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 12.12.2005, UEVH-FUNGI 2000089. *Ibidem*, 24.01.2006, UEVH-FUNGI 2000119. *Ibidem*, 27.03.2006, UEVH-FUNGI 2000256.
- Inocybe flocculosa*** (Berk.) Sacc. (*)
In *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 18.12.2005, UEVH-FUNGI 2000093. *Ibidem*, in *Quercus rotundifolia* Lam. forest, 19.12.2006, UEVH-FUNGI 2000513.
- Inocybe fraudans*** (Britzelm.) Sacc.
In *Quercus suber* L. forest, 20.11.2006, UEVH-FUNGI 2000381. *Ibidem*, in *Quercus rotundifolia* Lam. forest, 20.11.2006, UEVH-FUNGI 2000382. *Ibidem*, under *Cistus ladanifer* L. in *Quercus rotundifolia* Lam. forest, 19.12.2006, UEVH-FUNGI 2000527.
- Inocybe fuscidula*** Velen. var. *fuscidula* (*)
In *Quercus suber* L. forest, 13.12.2006, UEVH-FUNGI 2000480.
- Inocybe geophylla*** (Pers.) P. Kumm. var. *geophylla*
In *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 08.02.2006, UEVH-FUNGI 2000154.
- Inocybe geophylla*** var. *lilacina* Gillet
In *Quercus rotundifolia* Lam. forest, 27.12.2006, UEVH-FUNGI 2000539.
- Inocybe godeyi*** Gillet (*)
In *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 27.03.2006, UEVH-FUNGI 2000251.
- Inocybe napipes*** J.E. Lange (*)
Under *Cistus ladanifer* L. in *Quercus rotundifolia* Lam. forest, 23.11.2006, UEVH-FUNGI 2000405.

Inocybe praetervisa Quél.

In *Quercus rotundifolia* Lam. forest, 19.12.2006, UEVH-FUNGI 2000520. *Ibidem*, under *Cistus ladanifer* L. in *Quercus rotundifolia* Lam. forest, 14.04.2007, UEVH-FUNGI 2000639. *Ibidem*, in open *Quercus rotundifolia* Lam. forest, 14.04.2007, UEVH-FUNGI 2000640.

Laccaria laccata (Scop.) Cooke

In *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 13.01.2006, UEVH-FUNGI 2000136. *Ibidem*, in *Quercus rotundifolia* Lam. forest, 01.12.2006, UEVH-FUNGI 2000466.

Lepiota castanea Quél.

In *Quercus rotundifolia* Lam. forest, 13.12.2006, UEVH-FUNGI 2000476.

Lepiota clypeolaria (Bull.) P. Kumm. (*)

In *Quercus rotundifolia* Lam. forest, 02.11.2006, UEVH-FUNGI 2000343. *Idem*, UEVH-FUNGI 2000347. *Ibidem*, in open *Quercus rotundifolia* Lam. forest, 23.11.2006, UEVH-FUNGI 2000406.

Lepiota griseovirens Maire (*)

In *Quercus rotundifolia* Lam. forest, 29.11.2006, UEVH-FUNGI 2000426.

Lepiota oreadiformis Velen. (*)

In *Quercus rotundifolia* Lam. forest, 19.12.2006, UEVH-FUNGI 2000507.

Lepiota pseudolilacea Huijsman (*)

In *Quercus rotundifolia* Lam. forest, 29.11.2006, UEVH-FUNGI 2000429. *Ibidem*, 01.12.2006, UEVH-FUNGI 2000471. *Ibidem*, 27.12.2006, UEVH-FUNGI 2000540.

Lepiota subgracilis Wasser (*)

In *Quercus rotundifolia* Lam. forest, 25.10.2006, UEVH-FUNGI 2000329. *Ibidem*, 01.12.2006, UEVH-FUNGI 2000463.

Lepista nuda (Bull.) Cooke

In *Quercus rotundifolia* Lam. forest, 02.11.2006, UEVH-FUNGI 2000345.

Lepista sordida (Fr.) Singer (*)

In open areas among grasses, 23.11.2006, UEVH-FUNGI 2000403. *Idem*, UEVH-FUNGI 2000404.

Leucoagaricus melanotrichus (Malençon & Bertault) Trimbach var. *melanotrichus* (*)

In *Quercus rotundifolia* Lam. forest, 25.10.2006, UEVH-FUNGI 2000301. *Ibidem*, 23.11.2006, UEVH-FUNGI 2000389. *Idem*, UEVH-FUNGI 2000390.

Lycoperdon atropurpureum Vittad.

In *Quercus rotundifolia* Lam. forest, 13.01.2006, UEVH-FUNGI 2000138. *Ibidem*, 20.02.2006, UEVH-FUNGI 2000202. *Ibidem*, 29.11.2006, UEVH-FUNGI 2000428. *Ibidem*, 17.01.2007, UEVH-FUNGI 2000568. *Idem*, UEVH-FUNGI 2000569. *Ibidem*, in open *Quercus rotundifolia* Lam. forest, 12.12.2005, UEVH-FUNGI 2000087. *Ibidem*, 13.04.2006, UEVH-FUNGI 2000282. *Ibidem*, 03.11.2006, UEVH-FUNGI 2000349. *Ibidem*, 29.11.2006, UEVH-FUNGI 2000452. *Ibidem*, in *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 08.02.2006, UEVH-FUNGI 2000165. *Ibidem*, 01.03.2006, UEVH-FUNGI 2000207. *Idem*, UEVH-

FUNGI 2000212. *Idem*, UEVH-FUNGI 2000213. in *Quercus suber* L. forest, 20.11.2006, UEVH-FUNGI 2000372. *Ibidem*, 17.01.2007, UEVH-FUNGI 2000572. *Ibidem*, 13.04.2007, UEVH-FUNGI 2000636.

Lycoperdon lividum Pers. (*)

In open *Quercus rotundifolia* Lam. forest, 03.11.2006, UEVH-FUNGI 2000350.

Lycoperdon nigrescens Wahlenb. (*)

In *Quercus rotundifolia* Lam. forest, 18.12.2005, UEVH-FUNGI 2000173. *Ibidem*, 08.02.2006, UEVH-FUNGI 2000168. *Ibidem*, 20.02.2006, UEVH-FUNGI 2000195. in *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 28.12.2005, UEVH-FUNGI 2000174. *Ibidem*, 20.02.2006, UEVH-FUNGI 2000200. *Ibidem*, 01.03.2006, UEVH-FUNGI 2000210.

Lycoperdon perlatum Pers.

In *Quercus rotundifolia* Lam. forest, 08.02.2006, UEVH-FUNGI 2000149. *Ibidem*, 23.11.2006, UEVH-FUNGI 2000408. *Ibidem*, 13.12.2006, UEVH-FUNGI 2000498. *Idem*, UEVH-FUNGI 2000503. *Idem*, UEVH-FUNGI 2000504. *Ibidem*, 19.12.2006, UEVH-FUNGI 2000517. *Ibidem*, 27.12.2006, UEVH-FUNGI 2000541. *Ibidem*, in *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 12.12.2005, UEVH-FUNGI 2000147. *Ibidem*, under *Cistus ladanifer* L. in *Quercus rotundifolia* Lam. forest, 19.12.2006, UEVH-FUNGI 2000531.

Macrolepiota procera (Scop.) Singer var. ***procera***

In *Quercus rotundifolia* Lam. forest, 25.10.2006, UEVH-FUNGI 2000305.

Marasmius bulliardii Quél. (*)

In *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 20.02.2006, UEVH-FUNGI 2000185.

Marasmius oreades (Bolton) Fr.

In *Quercus rotundifolia* Lam. forest, 02.11.2006, UEVH-FUNGI 2000344.

Marasmius torquescens Quél.

In open *Quercus rotundifolia* Lam. forest, 02.01.2007, UEVH-FUNGI 2000547.

Melanoleuca grammopodia (Bull.) Murrill (*)

In *Quercus rotundifolia* Lam. forest, 08.02.2006, UEVH-FUNGI 2000158. *Ibidem*, 15.03.2006, UEVH-FUNGI 2000226.

Melanoleuca melaleuca (Pers.) Murrill

In *Quercus rotundifolia* Lam. forest, 24.01.2006, UEVH-FUNGI 2000120. *Idem*, UEVH-FUNGI 2000130. *Ibidem*, 20.02.2006, UEVH-FUNGI 2000197. *Ibidem*, 02.01.2007, UEVH-FUNGI 2000548. *Ibidem*, in open *Quercus rotundifolia* Lam. forest, 08.02.2006, UEVH-FUNGI 2000157. *Ibidem*, 20.02.2006, UEVH-FUNGI 2000184.

Mycena abramsii (Murrill) Murrill (*)

In open *Quercus rotundifolia* Lam. forest, 25.10.2006, UEVH-FUNGI 2000330.

Mycena aetites (Fr.) Quél. (*)

In *Quercus rotundifolia* Lam. forest, 17.01.2007, UEVH-FUNGI 2000555.

- Mycena erubescens*** Höhn. (**)
Among mosses in *Quercus rotundifolia* Lam. forest, 26.02.2007, UEVH-FUNGI 2000609.
- Mycena filopes*** (Bull.) P. Kumm. (*)
In *Quercus rotundifolia* Lam. forest, 13.12.2006, UEVH-FUNGI 2000474.
- Mycena flavescens*** Velen. (**)
In *Quercus rotundifolia* Lam. forest, 17.01.2007, UEVH-FUNGI 2000564.
- Mycena galopus*** var. ***nigra*** Rea (*)
In open *Quercus rotundifolia* Lam. forest, 29.11.2006, UEVH-FUNGI 2000437. *Ibidem*, 22.01.2007, UEVH-FUNGI 2000579.
- Mycena pura*** (Pers.) P. Kumm. (*)
In open *Quercus rotundifolia* Lam. forest, 29.11.2006, UEVH-FUNGI 2000441. *Ibidem*, 01.12.2006, UEVH-FUNGI 2000461. *Ibidem*, in *Quercus rotundifolia* Lam. forest, 01.12.2006, UEVH-FUNGI 2000453.
- Mycena rubromarginata*** (Fr.) P. Kumm. var. ***rubromarginata*** (**)
In *Quercus suber* L. forest, 13.12.2006 UEVH-FUNGI 2000502.
- Mycena sanguinolenta*** (Alb. & Schwein.) P. Kumm.
Among mosses in *Quercus rotundifolia* Lam. forest, 26.02.2007, UEVH-FUNGI 2000610.
- Panaeolina foenicicii*** (Pers.) Maire (*)
In open *Quercus rotundifolia* Lam. forest, 29.11.2006, UEVH-FUNGI 2000420. *Idem*, UEVH-FUNGI 2000443. *Idem*, UEVH-FUNGI 2000444.
- Panaeolus fimicola*** (Pers.) Gillet (*)
On cow dung in grassland, 20.02.2006, UEVH-FUNGI 2000204.
- Panaeolus sphinctrinus*** (Fr.) Quéf.
On cow dung in open *Quercus rotundifolia* Lam. forest, 25.10.2006, UEVH-FUNGI 2000307.
- Parasola auricoma*** (Pat.) Redhead, Vilgalys & Hopple (*)
In open *Quercus rotundifolia* Lam. forest, 19.10.2006, UEVH-FUNGI 2000303. *Ibidem*, 21.10.2006, UEVH-FUNGI 2000319.
- Phaeomarasmium erinaceus*** (Pers.) Scherff. ex Romagn. (*)
On wood debris in *Quercus suber* L. forest, 19.10.2006, UEVH-FUNGI 2000306.
- Pholiota highlandensis*** (Peck) A.H. Sm. & Hesler (*)
On burnt wood in *Quercus rotundifolia* Lam. forest, 27.12.2006, UEVH-FUNGI 2000538.
- Pluteus phlebophorus*** Cooke (*)
In *Quercus rotundifolia* Lam. forest, 19.02.2007, UEVH-FUNGI 2000588.
- Pluteus podospileus*** Sacc. & Cub. (**)
In *Quercus rotundifolia* Lam. forest, 26.02.2007, UEVH-FUNGI 2000611.
- Psathyrella candolleana*** (Fr.) Maire
In *Quercus rotundifolia* Lam. forest, 25.10.2006, UEVH-FUNGI 2000335.
- Psathyrella conopilus*** (Fr.) A. Pearson & Dennis (*)

- In *Quercus rotundifolia* Lam. forest, 29.11.2006, UEVH-FUNGI 2000435.
- Psathyrella panaeoloides*** (Maire) M.M. Moser (*)
In *Quercus rotundifolia* Lam. forest, 23.11.2006, UEVH-FUNGI 2000387.
- Psathyrella spadiceogrisea*** (Schaeff.) Maire (*)
In *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 20.02.2006, UEVH-FUNGI 2000186. *Ibidem*, 01.03.2006, UEVH-FUNGI 2000208. *Ibidem*, 27.03.2006, UEVH-FUNGI 2000258. *Ibidem*, in open *Quercus rotundifolia* Lam. forest, 29.11.2006, UEVH-FUNGI 2000442. *Ibidem*, in *Quercus rotundifolia* Lam. forest, 20.02.2006, UEVH-FUNGI 2000190. *Ibidem*, 01.03.2006, UEVH-FUNGI 2000211. *Ibidem*, 27.03.2006, UEVH-FUNGI 2000259. *Ibidem*, 29.11.2006, UEVH-FUNGI 2000421.
- Psilocybe coprophila*** (Bull.) P. Kumm.
On cow dung in open *Quercus rotundifolia* Lam. forest, 21.10.2006, UEVH-FUNGI 2000316. *Ibidem*, 29.11.2006, UEVH-FUNGI 2000425.
- Psilocybe crobula*** (Fr.) Singer
On wood debris in *Quercus rotundifolia* Lam. forest, 13.01.2006, UEVH-FUNGI 2000133. *Ibidem*, 08.02.2006, UEVH-FUNGI 2000170. *Ibidem*, 20.02.2006, UEVH-FUNGI 2000192. *Ibidem*, on wood debris in *Quercus suber* L. forest, 17.01.2007, UEVH-FUNGI 2000553.
- Rhodocybe nitellina*** (Fr.) Singer (*)
In open *Quercus rotundifolia* Lam. forest, 29.11.2006, UEVH-FUNGI 2000424. *Ibidem*, 01.12.2006, UEVH-FUNGI 2000454. *Ibidem*, in open *Quercus rotundifolia* Lam. forest, 01.12.2006, UEVH-FUNGI 2000459. *Ibidem*, 13.12.2006, UEVH-FUNGI 2000500. *Ibidem*, 24.01.2007, UEVH-FUNGI 2000585.
- Stropharia coronilla*** (Bull.) Quéf.
In open areas among grasses, 25.10.2006, UEVH-FUNGI 2000333. *Ibidem*, 02.11.2006, UEVH-FUNGI 2000341.
- Tricholoma saponaceum*** (Fr.) P. Kumm. var. *saponaceum* (*)
In *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 18.12.2005, UEVH-FUNGI 2000096. *Ibidem*, in open *Quercus rotundifolia* Lam. forest, 15.03.2006, UEVH-FUNGI 2000229. *Ibidem*, in *Quercus rotundifolia* Lam. forest, 29.11.2006, UEVH-FUNGI 2000448. *Ibidem*, 22.01.2007, UEVH-FUNGI 2000580.
- Tricholoma squarrulosum*** Bres. (*)
In *Quercus rotundifolia* Lam. forest, 02.01.2007, UEVH-FUNGI 2000544. *Ibidem*, 17.01.2007, UEVH-FUNGI 2000556.
- Vascellum pratense*** (Pers.) Kreisel
In open *Quercus rotundifolia* Lam. forest, 27.03.2006, UEVH-FUNGI 2000247. *Ibidem*, 21.10.2006, UEVH-FUNGI 2000327. *Ibidem*, 23.11.2006, UEVH-FUNGI 2000394. *Ibidem*, On open areas in grassland, 25.10.2006, UEVH-FUNGI 2000336.
- Volvariella gloiocephala*** (DC.) Boekhout & Enderle
In *Quercus rotundifolia* Lam. forest, 04.01.2005, UEVH-FUNGI 2000003.

Auriculariales

Auricularia auricula-judae (Bull.) Quéf.

On bark of *Quercus rotundifolia* Lam., 23.03.2006, UEVH-FUNGI 2000293.

Boletales

Boletus chrysenteron Bull.

In *Quercus rotundifolia* Lam. forest, 23.11.2006, UEVH-FUNGI 2000400.

Chalciporus piperatus (Bull.) Bataille (*)

Under *Cistus ladanifer* L., 19.02.2007, UEVH-FUNGI 2000589.

Gyroporus castaneus (Bull.) Quéf.

In open *Quercus rotundifolia* Lam. forest, 13.04.2006, UEVH-FUNGI 2000273. *Ibidem*, in *Quercus rotundifolia* Lam. forest, 29.11.2006, UEVH-FUNGI 2000449.

Leccinum corsicum (Rolland) Singer (*)

Under *Cistus ladanifer* L. in *Quercus rotundifolia* Lam. forest, 24.01.2006, UEVH-FUNGI 2000126. *Ibidem*, 20.02.2006, UEVH-FUNGI 2000201. *Ibidem*, 15.03.2006, UEVH-FUNGI 2000228.

Cantharellales

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

In *Quercus rotundifolia* Lam. forest, 17.01.2007, UEVH-FUNGI 2000562.

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

In *Quercus suber* L. forest, 17.01.2007, UEVH-FUNGI 2000554.

Gastrales

Gastrum elegans Vittad. (*)

In open *Quercus rotundifolia* Lam. forest, 23.11.2006, UEVH-FUNGI 2000401. *Ibidem*, in *Quercus rotundifolia* Lam. forest, 29.11.2006, UEVH-FUNGI 2000423.

Gomphales

Clavariadelphus pistillaris (L.) Donk

In *Quercus rotundifolia* Lam. forest, 17.01.2007, UEVH-FUNGI 2000565.

Hymenochaetales

Rickenella fibula (Bull.) Raitelh. (*)

In *Quercus rotundifolia* Lam. forest, 24.01.2007, UEVH-FUNGI 2000581.

Pezizales

Helvella lacunosa Afzel.

Under *Cistus ladanifer* L. in *Quercus rotundifolia* Lam. forest, 13.01.2006, UEVH-FUNGI 2000139. *Ibidem*, 20.02.2006, UEVH-FUNGI 2000187.

Ibidem, 01.12.2006, UEVH-FUNGI 2000469. *Ibidem*, among mosses in *Quercus rotundifolia* Lam. Forest, 27.12.2006, UEVH-FUNGI 2000543.

***Helvella leucomelaena* (Pers.) Nannf. (*)**

In *Quercus rotundifolia* Lam. forest, 13.03.2007, UEVH-FUNGI 2000620. *Ibidem*, in open areas among mosses in *Quercus rotundifolia* Lam. forest, 15.03.2007, UEVH-FUNGI 2000629.

***Otidea alutacea* (Pers.) Masee (*)**

In *Quercus suber* L. forest, 13.03.2007 UEVH-FUNGI 2000626.

***Peziza arvernensis* Boud. (*)**

In *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 20.02.2006, UEVH-FUNGI 2000189. *Ibidem*, 01.03.2006, UEVH-FUNGI 2000209. *Idem*, UEVH-FUNGI 2000214. *Ibidem*, in *Quercus rotundifolia* Lam. forest, 20.02.2006, UEVH-FUNGI 2000203. *Ibidem*, 01.03.2006, UEVH-FUNGI 2000215.

***Peziza domiciliana* Cooke (*)**

In *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 08.02.2006, UEVH-FUNGI 2000161.

***Peziza succosa* Berk. (*)**

In *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 08.02.2006, UEVH-FUNGI 2000160. *Ibidem*, in *Quercus rotundifolia* Lam. forest, 01.12.2006, UEVH-FUNGI 2000457.

***Peziza varia* (Hedw.) Fr. (*)**

In *Quercus rotundifolia* Lam. forest, 19.02.2007, UEVH-FUNGI 2000591.

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

In *Quercus rotundifolia* Lam. forest, 13.03.2007, UEVH-FUNGI 2000622.

Phallales

***Ileodictyon gracile* Berk. (*)**

Under *Cistus ladanifer* L., in *Quercus rotundifolia* Lam. forest, 19.02.2007, UEVH-FUNGI 2000393.

***Phallus impudicus* L.**

Under *Cistus ladanifer* L. in *Quercus rotundifolia* Lam. forest, 23.11.2006, UEVH-FUNGI 2000386. *Ibidem*, under *Cistus ladanifer* L. 23.11.2006, UEVH-FUNGI 2000398.

Polyporales

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

On wood stumps in open *Quercus rotundifolia* Lam. forest, 02.11.2004, UEVH-FUNGI 2000004. *Ibidem*, 27.03.2006, UEVH-FUNGI 2000246.

***Lentinus strigosus* (Schwein.) Fr.**

On *Quercus suber* L. wood debris in *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 27.03.2006, UEVH-FUNGI 2000263.

***Polyporus alveolaris* (DC.) Bondartsev & Singer (*)**

On wood debris in open *Quercus rotundifolia* Lam. forest, 21.02.2007, UEVH-FUNGI 2000600. *Ibidem*, 13.04.2007, UEVH-FUNGI 2000634.

Polyporus arcularius (Batsch) Fr.

On wood debris in open *Quercus rotundifolia* Lam. forest, 27.03.2006, UEVH-FUNGI 2000260. *Ibidem*, 13.03.2007, UEVH-FUNGI 2000619. *Ibidem*, 13.04.2007, UEVH-FUNGI 2000638. *Ibidem*, in *Quercus rotundifolia* Lam. forest, 21.10.2006, UEVH-FUNGI 2000309.

Polyporus meridionalis (A. David) H. Jahn (*)

On wood debris in open *Quercus rotundifolia* Lam. forest, 26.02.2007, UEVH-FUNGI 2000612. *Idem*, UEVH-FUNGI 2000614.

Trametes versicolor (L.) Lloyd

On wood debris in open *Quercus rotundifolia* Lam. forest, 13.12.2006, UEVH-FUNGI 2000490.

Russulales

Lactarius camphoratus (Bull.) Fr. (*)

In *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 08.02.2006, UEVH-FUNGI 2000159. *Ibidem*, in *Quercus rotundifolia* Lam. forest, 23.11.2006, UEVH-FUNGI 2000399. *Ibidem*, in open *Quercus rotundifolia* Lam. forest, 13.12.2006, UEVH-FUNGI 2000501.

Lactarius chrysorrheus Fr.

Under *Cistus ladanifer* L. in *Quercus rotundifolia* Lam. forest, 02.11.2006, UEVH-FUNGI 2000339.

Lactarius cistophilus Bon & Trimbach (*)

Under *Cistus ladanifer* L. in *Quercus rotundifolia* Lam. forest, 12.12.2005, UEVH-FUNGI 2000076. *Ibidem*, 13.01.2006, UEVH-FUNGI 2000132. *Ibidem*, 24.01.2006, UEVH-FUNGI 2000125.

Lactarius lacunarum Romagn. ex Hora

Under *Cistus ladanifer* L. in *Quercus rotundifolia* Lam. forest, 02.11.2006, UEVH-FUNGI 2000338.

Russula amoenolens Romagn.

In open *Quercus rotundifolia* Lam. forest, 20.11.2006, UEVH-FUNGI 2000377. *Ibidem*, in *Quercus rotundifolia* Lam. forest, 20.11.2006, UEVH-FUNGI 2000380. *Ibidem*, 29.11.2006, UEVH-FUNGI 2000419.

Russula atropurpurea (Krombh.) Britzelm.

In *Quercus rotundifolia* Lam. forest, 21.02.2007, UEVH-FUNGI 2000606.

Russula cyanoxantha (Schaeff.) Fr.

In *Quercus rotundifolia* Lam. forest, 13.04.2006, UEVH-FUNGI 2000288. *Ibidem*, 22.04.2006, UEVH-FUNGI 2000297. *Idem*, UEVH-FUNGI 2000298.

Russula delica Fr.

In *Quercus rotundifolia* Lam. forest, 12.12.2005, UEVH-FUNGI 2000078. *Ibidem*, 20.11.2006, UEVH-FUNGI 2000384.

Russula graveolens Romell

In *Quercus rotundifolia* Lam. forest, 29.11.2006, UEVH-FUNGI 2000451.

Russula nigricans (Bull.) Fr.

In *Quercus rotundifolia* Lam. forest, 27.03.2006, UEVH-FUNGI 2000250. *Ibidem*, 13.04.2006, UEVH-FUNGI 2000285. *Ibidem*, 13.03.2007, UEVH-FUNGI 2000624.

Russula olivacea (Schaeff.) Fr.

In *Quercus rotundifolia* Lam. forest, 20.11.2006, UEVH-FUNGI 2000376.

Russula pectinatoides Peck

In *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 12.12.2005, UEVH-FUNGI 2000075. *Ibidem*, in open *Quercus rotundifolia* Lam. forest, 19.12.2006, UEVH-FUNGI 2000528.

Russula pseudo-olivascens Kärcher (*)

In *Quercus rotundifolia* Lam. forest, 27.03.2006, UEVH-FUNGI 2000255. *Ibidem*, 29.11.2006, UEVH-FUNGI 2000417.

Russula purpurata Crawshay (*)

In *Quercus rotundifolia* Lam. forest, 18.12.2005, UEVH-FUNGI 2000094. *Ibidem*, 20.11.2006, UEVH-FUNGI 2000524. *Ibidem*, in *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 13.01.2006, UEVH-FUNGI 2000135. *Ibidem*, in open *Quercus rotundifolia* Lam. forest, 13.01.2006, UEVH-FUNGI 2000134. *Ibidem*, 01.12.2006, UEVH-FUNGI 2000462.

Sclerodermatales

Astraeus hygrometricus (Pers.) Morgan

In *Quercus rotundifolia* Lam. forest, 12.12.2005, UEVH-FUNGI 2000144. *Ibidem*, 24.01.2007, UEVH-FUNGI 2000584. *Ibidem*, in open *Quercus rotundifolia* Lam. forest, 08.02.2006, UEVH-FUNGI 2000171. *Ibidem*, 20.02.2006, UEVH-FUNGI 2000198. *Ibidem*, 19.10.2006, UEVH-FUNGI 2000326.

Pisolithus arhizus (Scop.) Rauschert.

Under *Cistus ladanifer* L. in *Quercus rotundifolia* Lam. forest, 28.12.2005, UEVH-FUNGI 2000099. *Ibidem*, 08.02.2006, UEVH-FUNGI 2000166. *Idem*, UEVH-FUNGI 2000167.

Scleroderma verrucosum (Bull.) Pers.

In *Quercus rotundifolia* Lam. forest, 08.02.2006, UEVH-FUNGI 2000163. *Ibidem*, 20.02.2006, UEVH-FUNGI 2000181. *Ibidem*, 03.11.2006, UEVH-FUNGI 2000348. *Ibidem*, 20.11.2006, UEVH-FUNGI 2000379. *Ibidem*, 23.11.2006, UEVH-FUNGI 2000396. *Ibidem*, 13.12.2006, UEVH-FUNGI 2000477. *Ibidem*, in open *Quercus rotundifolia* Lam. forest, 08.02.2006, UEVH-FUNGI 2000164. *Ibidem*, in *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 08.02.2006, UEVH-FUNGI 2000162. Under *Cistus ladanifer* L., 23.11.2006, UEVH-FUNGI 2000397.

Thelephorales

Thelephora caryophyllea (Schaeff.) Pers. (*)

In *Quercus suber* L. and *Quercus rotundifolia* Lam. mixed forest, 27.03.2006, UEVH-FUNGI 2000253.

Tremellales

Tremella foliacea Pers. (*)

On wood debris in *Quercus rotundifolia* Lam. forest, 21.02.2007, UEVH-FUNGI 2000604.

Conclusions

The high number of new references is undoubtedly due to the scarcity of mycological surveys in Southern Portugal, particularly in Alentejo. In fact, some of these new references correspond to widespread species in the Iberian Peninsula. On the other hand, some rare or vulnerable species occurred as was expected for this typical Mediterranean ecosystem known by its biodiversity.

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