

**PRELIMINARY CHECKLIST OF AGARICALES FROM
CROATIA IV:
FAMILIES BOLBITIACEAE, COPRINACEAE,
ENTOLOMATACEAE AND PLUTEACEAE**

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ABSTRACT

The fourth part of the preliminary checklist of Agaricales from Croatia is given. It comprises the families Bolbitiaceae, Coprinaceae, Entolomataceae and Pluteaceae. 96 species (one of them in a broad sense) belonging to 13 genera are presented. One genus and 19 species are reported for the first time from Croatia. For each species, the published and unpublished sources of data are given, as well as the collections in which the material is deposited.

Key words: Basidiomycota, biodiversity, mycoflora, bibliography

INTRODUCTION

This is the fourth part of the preliminary checklist of Agaricales from Croatia. The first three parts have been published in Mycotaxon (Tkalčec & Mešić 2002, Mešić & Tkalčec 2002, Tkalčec & Mešić 2003). This part comprises the families Bolbitiaceae, Coprinaceae, Entolomataceae and Pluteaceae. The checklist includes data published or collected before 1 January 2000. Information about the geographical and biogeographical position of Croatia, material, methods and presentation are given in Tkalčec & Mešić (2002).

In this paper we present 96 species (one of them in a broad sense) belonging to 13 genera found on the territory of Croatia, of which we have revised 54 species. Out of the overall number 11 species belong to the family Bolbitiaceae, 35 species to the family Coprinaceae, 27 species to the family Entolomataceae and 23 species to the family Pluteaceae. One genus and 19 species are reported for the first time from Croatia.

Marks and abbreviations:

- * - taxon reported for the first time from Croatia in this paper;
- - at least part of records of taxon revised;
- (1) - number in brackets indicates synonym or misapplied name under which the author of the record has quoted the taxon;
- () - empty brackets indicate that the author of the record has also quoted the taxon under the name we use;
- ? - (a) question mark instead of an author of combination means that we could not find the author in the literature available to us; (b) question mark following the source of a published record or abbreviation of a collection means that the author himself doubted his original identification;
- = ? - taxon not found in modern taxonomic literature;
- Exs. - collections in which the dried material (exsiccatum) is deposited;
- HR? - taxon most probably found in the territory of Croatia (locality not precisely quoted);
- Incl. - including;
- Lit. - literature;
- Misappl. - misapplied name;
- Ref. - references (sources of records of taxon);
- unp. - unpublished data.

SURVEY OF TAXA

Family **Bolbitiaceae** Singer

Agrocybe Fayod

(Lit.: Arnolds & al. 1995, Hansen & Knudsen 1992, Kreisel 1987, Moser 1983, Nauta 1987, Schulzer 1867, Singer 1986)

- *Agrocybe cylindracea* (DC. : Fr.) Maire
 - = *Agrocybe aegerita* (V. Brig.) Singer (1)
 - = *Pholiota aegerita* (V. Brig.) Quél. (2)
- Ref.: Blagaić 1923 (2), Blagaić 1931 (2), Focht 1974 (2), Focht 1979 (2), Focht 1983 (2), Focht 1986 (1), Tortić 1964 (1), Tortić 1978 (1), unp. Lisiewska (1), unp. Mešić & Tkalčec, unp. Tortić (1)(2)

Exs.: CNF, POZM (1)
(Lit.: Hansen & Knudsen 1992, Moser 1983, Nauta 1987)

- ***Agrocybe dura*** (Bolton) Singer
= *Agrocybe molesta* (Lasch) Singer
Ref.: Tortić 1968 b, unpub. Matočec, unpub. Mešić & Tkalčec, unpub. Tortić
Exs.: CNF
(Lit.: Hansen & Knudsen 1992, Moser 1983, Nauta 1987)
- ***Agrocybe erebia*** (Fr. : Fr.) Kühner
Ref.: Tortić 1973, unpub. Mešić & Tkalčec, unpub. Tortić
Exs.: CNF
(Lit.: Moser 1983, Nauta 1987)
- ***Agrocybe pediades*** (Fr. : Fr.) Fayod
= *Agaricus retroflexus* Schulzer (nom. nud.) (1)
= *Agaricus semiorbicularis* Bull. (2)
= *Agrocybe semiorbicularis* (Bull.) Fayod
Ref.: Schulzer & al. 1866 (1) + Schulzer 1867 (2), unpub. Mešić & Tkalčec
Exs.: CNF
(Lit.: Hansen & Knudsen 1992, Nauta 1987)
- ***Agrocybe praecox*** (Pers. : Fr.) Fayod
= *Agaricus praecox* Pers. : Fr. (1)
= *Pholiota praecox* (Pers. : Fr.) P. Kumm. (2)
Ref.: Barčić 1982, Barčić 1996, Blagaić 1931 (2), Pilát 1925 (2),
Schulzer & al. 1866 (1), Tortić 1966 a, Tortić 1966 b, Tortić 1968 b,
unpub. Matočec, unpub. Mešić & Tkalčec, unpub. Tortić () (2), Schulzer 1857
HR? (1)
Exs.: CNF
(Lit.: Hansen & Knudsen 1992, Moser 1983, Nauta 1987)

Bolbitius Fr.

(Lit.: Arnolds & al. 1995, Bon 1992, Breitenbach & Kränzlin 1995,
Hansen & Knudsen 1992, Kreisel 1987, Moser 1983, Singer 1977,
Singer 1986)

- ***Bolbitius titubans*** (Bull. : Fr.) Fr.
= *Agaricus titubans* Bull. : Fr. (1)
= *Bolbitius vitellinus* (Pers. : Fr.) Fr. var. *titubans* (Bull. : Fr.) ? (2)
= *Agaricus boltonii* Pers. : Fr. (3)
= *Bolbitius vitellinus* (Pers. : Fr.) Fr. (4)
Ref.: Focht 1972 (4), Focht 1974 (4), Schulzer & al. 1866, unpub. Matočec
(4), unpub. Mešić & Tkalčec, unpub. Tortić (2)(4), Schulzer 1857 HR? (1)(3)
Exs.: CNF
(Lit.: Bon 1992, Moser 1983)
- ***Bolbitius variicolor*** G.F. Atk.
= *Bolbitius vitellinus* (Pers. : Fr.) Fr. var. *variicolor* (G.F. Atk.) Krieglst.

Ref.: Tkalčec & Kusin 1984, unsp. Matočec, unsp. Mešić & Tkalčec
 Exs.: CNF
 (Lit.: Bon 1992, Moser 1983, Singer 1977)

***Conocybe* Fayod**

= *Pholiotina* Fayod

(Lit.: Arnolds & al. 1995, Bon 1992, Enderle 1991, Enderle 1997, Fries 1874, Hansen & Knudsen 1992, Kreisel 1987, Singer 1986, Watling 1980)

***Conocybe blattaria* (Fr. : Fr.) Kühner sensu lato**

Incl.: *Conocybe aporos* Kits van Wav.

Conocybe arrhenii (Fr.) Kits van Wav.

Conocybe blattaria (Fr. : Fr.) Kühner

= *Pholiotina blattaria* (Fr. : Fr.) Fayod (1)

Conocybe vexans P.D. Orton

= *Pholiotina togularis* (Bull. : Fr.) Fayod (2)

Ref.: unsp. Matočec (1), unsp. Tortić (1)(2)

Exs.: CNF

Annotation: Epithets *blattaria* and *togularis* have been used in a few different senses, so without revision it is not possible to know which species the authors of the records for Croatia have found. Some authors consider that *Conocybe blattaria* is conspecific with *C. vexans* (Enderle 1997, Kreisel 1987, Singer 1986).

***Conocybe conocephala* (Bull. : Fr.) Bon**

= *Bolbitius conocephalus* (Bull. : Fr.) Fr. (1)

= *Galerella conocephala* (Bull. : Fr.) Bon

Ref.: Vouk & Pevalek 1915 (1), Vouk & Pevalek 1916 (1)

***Conocybe semiglobata* Kühner et Watling**

= *Conocybe tenera* (Schaeff. : Fr.) Fayod var. *semiglobata* (Kühner) ?
 (nom. inval.) (1)

Ref.: Focht 1974 (1)

***Conocybe tenera* (Schaeff. : Fr.) Fayod**

= *Agaricus tener* Schaeff. : Fr. (1)

Ref.: Schulzer 1882 a (1), Schulzer & al. 1866 (1), Tortić 1968 b

Exs.: CNF

Family **Coprinaceae** Overeem

***Coprinus* Pers.**

(Lit.: Arnolds & al. 1995, Bollmann & al. 1996, Citerin 1992, Enderle & Bender 1990, Enderle & al. 1986, Fries 1821, Hansen & Knudsen 1992, Kreisel 1987, Moser 1983, Singer 1986)

- ***Coprinus atramentarius*** (Bull. : Fr.) Fr.
 = *Agaricus atramentarius* Bull. : Fr. (1)
 Ref.: Schulzer 1857 (1), Schulzer & al. 1866, Škorić 1928, Tortić 1964, Tortić 1966 a, Tortić 1966 b, Vouk & Pevalek 1915, unpub. Matočec, unpub. Mešić & Tkalčec, unpub. Tortić
 Exs.: CNF
 (Lit.: Citerin 1992, Moser 1983)
- Coprinus cinereus*** (Schaeff. : Fr.) Gray
 = *Agaricus cinereus* Schaeff. : Fr. (1)
 Ref.: Focht 1986, Schulzer & al. 1866, Schulzer 1857 HR? (1)
- ***Coprinus comatus*** (O.F. Müll. : Fr.) Pers.
 = *Agaricus comatus* O.F. Müll. : Fr. (1)
 = *Agaricus comatus* O.F. Müll. : Fr. var. *ovatus* (Schaeff. : Fr.) Fr. (2)
 Ref.: Blagaić 1921, Blagaić 1931, Focht 1979, Kranjčev 1995, Tortić 1964, Tortić 1966 a, Tortić 1966 b, unpub. Matočec, unpub. Mešić & Tkalčec, unpub. Tortić, Schulzer 1857 HR? (1)(2)
 Exs.: BEO, CNF
 (Lit.: Citerin 1992, Moser 1983)
- ***Coprinus disseminatus*** (Pers. : Fr.) Gray
 = *Agaricus disseminatus* Pers. : Fr. (1)
 Ref.: Blagaić 1921, Jelić & Tortić 1973, Lisiewska & Tortić 1990, Schulzer 1882 a (1), Schulzer & al. 1866 (1), Tortić 1968 b, Tortić 1989, Tortić 1993, unpub. Matočec, unpub. Mešić & Tkalčec, unpub. Tortić, Schulzer 1857 HR? (1)
 Exs.: CNF
 (Lit.: Citerin 1992, Moser 1983)
- Coprinus domesticus*** (Bolton : Fr.) Gray
 Ref.: Vouk & Pevalek 1916
- Coprinus ephemerus*** (Bull. : Fr.) Fr.
 Ref.: Focht 1974, Vouk & Pevalek 1916
- Coprinus flocculosus*** (DC. : Fr.) Fr.
 Ref.: Focht 1974
- Coprinus lagopus*** (Fr. : Fr.) Fr.
 Ref.: Škorić 1928
- ***Coprinus micaceus*** (Bull. : Fr.) Fr.
 = *Agaricus micaceus* Bull. : Fr. (1)
 Ref.: Barčić 1982, Barčić 1996, Gjurašin 1898, Jelić & Tortić 1973, Škorić 1928, Tortić 1964, Tortić 1966 a, Tortić 1966 b, Tortić 1989, Tortić 1993, Vouk & Pevalek 1915, unpub. Mešić & Tkalčec, unpub. Tortić, Schulzer 1857 HR? (1)
 Exs.: CNF
 (Lit.: Citerin 1992, Moser 1983)

Coprinus miser P. Karst.

Ref.: Focht 1974

Coprinus niveus (Pers. : Fr.) Fr.

Ref.: Tortić 1964, unpub. Tortić

Exs.: CNF

• ***Coprinus picaceus*** (Bull. : Fr.) Gray

Ref.: Schulzer & al. 1866, Vrščaj 1990, unpub. Matočec, unpub. Mešić & Tkalčec

Exs.: CNF

(Lit.: Citerin 1992, Moser 1983)

Coprinus plicatilis (Curtis : Fr.) Fr.

Ref.: Blagaić 1921, Schulzer & al. 1866, Vouk & Pevalek 1915, Vouk & Pevalek 1916

Coprinus radiatus (Bolton : Fr.) Pers.

Ref.: Schulzer & al. 1866

Coprinus romagnesianus Singer= *Coprinus atramentarius* (Bull. : Fr.) Fr. var. *squamosus* Bres. (1)

Ref.: Kranjčev 1987 (1)

Coprinus strossmayeri Schulzer

Ref.: Schulzer 1879 a

*• ***Coprinus truncorum*** (Scop.) Fr.= *Agaricus micaceus* Bull. : Fr. var. *truncorum* (Scop. : Fr.) Fr. (1)

Ref.: unpub. Mešić & Tkalčec, Schulzer 1857 HR? (1)

Exs.: CNF

(Lit.: Citerin 1992, Moser 1983)

Lacrymaria Pat.

(Lit.: Arnolds & al. 1995, Hansen & Knudsen 1992, Kreisel 1987, Moser 1983, Singer 1986, Watling & Gregory 1987)

• ***Lacrymaria lacrymabunda*** (Bull. : Fr.) Pat.= *Psathyrella lacrymabunda* (Bull. : Fr.) Moser (1)= *Lacrymaria velutina* (Pers. : Fr.) Konrad et Maubl. (2)= *Psathyrella velutina* (Pers. : Fr.) Singer (3)

Ref.: Barčić 1982 (3), Barčić 1996 (3), Tortić 1964 (3), unpub. Matočec (1)(3), unpub. Mešić & Tkalčec, unpub. Tortić (2)(3)

Exs.: CNF

(Lit.: Hansen & Knudsen 1992, Watling & Gregory 1987)

* ***Panaeolina*** Maire

(Lit.: Arnolds & al. 1995, Gerhardt 1996, Hansen & Knudsen 1992, Kreisel 1987, Singer 1986, Watling & Gregory 1987)

*• ***Panaeolina foeniseeii*** (Pers. : Fr.) Maire

= *Panaeolus foeniseeii* (Pers. : Fr.) J. Schröt.

Ref.: unpubl. Mešić & Tkalčec

Exs.: CNF

(Lit.: Gerhardt 1996, Moser 1983, Watling & Gregory 1987)

Panaeolus (Fr.) Quél.

= *Anellaria* P. Karst.

(Lit.: Arnolds & al. 1995, Gerhardt 1996, Hansen & Knudsen 1992, Kreisel 1987, Moser 1983, Singer 1986, Watling & Gregory 1987)

• ***Panaeolus acuminatus*** (Schaeff.) Gillet

= *Agaricus graciloides* Schulzer (1)

= *Agaricus graciloides* Schulzer var. *fraterculus* Schulzer (2)

= *Panaeolus queletii* Schulzer (nom. illeg.) (3)

= *Panaeolus queletii* Schulzer var. *fraterculus* (Schulzer) Schulzer (nom. illeg.) (4)

= *Panaeolus rickenii* Hora

Ref.: Focht 1974, Schulzer 1877 (1)(2), Schulzer 1885 (3)(4), unpubl. Mešić & Tkalčec, Saccardo 1887 HR? (3)(4)

Exs.: CNF

(Lit.: Gerhardt 1996)

• ***Panaeolus papilionaceus*** (Bull. : Fr.) Quél.

= *Agaricus papilionaceus* Bull. : Fr. (1)

= *Chalymnota papilionacea* (Bull. : Fr.) P. Karst. (2)

= *Chalymnota campanulata* (Fr. : Fr.) P. Karst. (3)

= *Panaeolus campanulatus* (Fr. : Fr.) Quél. (non L.) (4)

= *Panaeolus retirugis* (Fr.) Gillet

= *Panaeolus sphinctrinus* (Fr.) Quél. (5)

= *Panaeolus campanulatus* (Fr. : Fr.) Quél. var. *sphinctrinus* (Fr.) Quél. (6)

Ref.: Barčić 1982 (5), Barčić 1984 (5), Barčić 1996 (5), Focht 1972 () (4), Focht 1974 (4)(5)(6), Schulzer & al. 1866 (1), Škorić 1928 (2)(3), Torti'c 1968 b () (4), Vouk & Pevalek 1916 (2), unpubl. Mešić & Tkalčec, unpubl. Torti'c () (4), Schulzer 1857 HR? (1)

Exs.: CNF

(Lit.: Gerhardt 1996, Watling & Gregory 1987)

Panaeolus semiovatus (Sowerby : Fr.) S. Lundell

var. *semiovatus*

= *Anellaria semiovata* (Sowerby : Fr.) A. Pearson et Dennis (1)

= *Agaricus blandus* Schulzer (2)

= *Anellaria separata* (L.) P. Karst. (3)

Misappl.: *Panaeolus fimiputris* (Bull. : Fr.) Quél. sensu auct. non Bull. (4)

(sensu Bull. = nom. dub. - Gerhardt 1996)

Ref.: Gjurašin 1898 (4), Lange 1974 (1), Schulzer 1877 (2), Škorić 1928 (3), unpub. Tortić (1)

Exs.: CNF

var. ***phalaenarum*** (Fr.) Ew. Gerhardt

= *Panaeolus phalaenarum* (Fr.) Quél. (5)

Ref.: Blagaić 1921 (5)

Psathyrella (Fr.) Quél.

(Lit.: Arnolds & al. 1995, Bollmann & al. 1996, Dennis & al. 1960, Hansen & Knudsen 1992, Kits van Waveren 1985, Kreisel 1987, Moser 1983, Singer 1986)

• ***Psathyrella candolleana*** (Fr. : Fr.) Maire

= *Hypholoma candolleianum* (Fr. : Fr.) Quél. (1)

= *Agaricus appendiculatus* Bull. (2)

= *Psathyrella coronata* (Fr. → P. Karst.) Moser (comb. inval.) (3)

= *Psathyrella microlepidota* P.D. Orton

Ref.: Barčić 1982, Barčić 1996, Blagaić 1921 (1), Focht 1974 () (3), Lisiewska & Tortić 1990, Schulzer 1882 a (2), Schulzer & al. 1866 (2), Tortić 1966 a, Tortić 1966 b, Tortić 1968 b, Tortić 1989, Tortić 1993, unpub. Lisiewska, unpub. Mešić & Tkalčec, unpub. Tortić

Exs.: CNF, POZM

(Lit.: Kits van Waveren 1985)

Psathyrella cernua (Vahl : Fr.) G. Hirsch

= *Pratella cernua* (Vahl : Fr.) Kirchn. et Eichler (1)

Ref.: Škorić 1928 (1)

Psathyrella conopilus (Fr. : Fr.) A. Pearson et Dennis

= *Coprinarius conopilus* (Fr. : Fr.) J. Schröt. (1)

= *Psathyrella subatrata* (Batsch) Gillet

Ref.: Škorić 1928 (1)

Psathyrella corrugis (Pers. : Fr.) Konrad et Maubl.

= *Agaricus corrugis* Pers. : Fr. (1)

= *Pratella corrugis* (Pers. : Fr.) ? (2)

= *Coprinarius gracilis* (Fr. : Fr.) P. Kumm. (3)

= *Psathyrella gracilis* (Fr. : Fr.) Quél. (4)

Ref.: Schulzer & al. 1866 (1), Vouk & Pevalek 1915 (3), Vouk & Pevalek 1916 (2)(3), unpub. Tortić (4)

Exs.: CNF

*• ***Psathyrella cotonea*** (Quél.) Konrad et Maubl.

Ref.: unpub. Mešić & Tkalčec

Exs.: CNF
(Lit.: Kits van Waveren 1985)

Psathyrella fusca (Schumach. → J.E. Lange) A. Pearson
Ref.: Focht 1974

- ***Psathyrella leucotephra*** (Berk. et Broome) P.D. Orton
= *Hypholoma leucotephrum* (Berk. et Broome) Sacc. (1)
Misappl.: *Psathyrella hypsipus* (Fr.) Konrad et Maubl. sensu auct. non Fr. (2)
(sensu Fr. = nom. dub. - Kits van Waveren 1985)
Ref.: Tortić 1968 b (2), unpub. Mešić & Tkalčec, unpub. Tortić (2), Blagaić 1921 ? (1)
Exs.: CNF
(Lit.: Kits van Waveren 1985)

Psathyrella maculata (C.S. Parker) A.H. Sm.
Misappl.: *Psathyrella scobinacea* (Fr.) Konrad & Maubl. sensu Moser non Fr.
(sensu Fr. = nom. dub. - Kits van Waveren 1985)
Ref.: Focht 1974, Vrščaj 1990

- * ***Psathyrella obtusata*** (Pers. : Fr.) A.H. Sm.
= *Psathyra obtusata* (Pers. : Fr.) Gillet (1)
Ref.: unpub. Tortić (1)

- ***Psathyrella piluliformis*** (Bull. : Fr.) P.D. Orton
= *Hypholoma hydrophilum* (Bull.) Quéf. (1)
= *Psathyrella hydrophila* (Bull.) Maire (2)
Ref.: Focht 1974 (1), Jelić & Tortić 1973 (2), Lisiewska & Tortić 1990, Tortić 1968 b (2), Tortić & Lisiewska 1978 (2), unpub. Mešić & Tkalčec, unpub. Tortić (2), Focht 1979 HR? (2)
Exs.: CNF
(Lit.: Kits van Waveren 1985)

Psathyrella sarcocephala (Fr.) Singer
Ref.: Tortić 1968 b, unpub. Tortić
Exs.: CNF

- ***Psathyrella spadicea*** (Schaeff. → P. Kumm.) Singer
= *Pratella spadicea* (Schaeff. → P. Kumm.) J. Schröt. (1)
Ref.: Vouk & Pevalek 1915 (1), unpub. Mešić & Tkalčec
Exs.: CNF
(Lit.: Kits van Waveren 1985)

- ***Psathyrella spadiceogrisea*** (Schaeff.) Maire
= *Psathyra spadiceogrisea* (Schaeff.) P. Kumm. (1)
= *Psathyrella exalbicans* (Romagn.) Bon
= *Psathyrella vernalis* (J.E. Lange) Moser (comb. illeg.) non *P. vernalis* Velen.
Ref.: Tortić 1968 b, unpub. Mešić & Tkalčec, unpub. Tortić () (1)

Exs.: CNF
(Lit.: Kits van Waveren 1985)

Family **Entolomataceae** Kotl. et Pouzar

Clitopilus (Fr.) P. Kumm.

(Lit.: Arnolds & al. 1995, Bas & al. 1988, Bollmann & al. 1996, Hansen & Knudsen 1992, Kreisel 1987, Moser 1983, Singer 1978, Singer 1986, Škorić 1928)

• **Clitopilus prunulus** (Scop. : Fr.) P. Kumm.

= *Hyporrhodius prunulus* (Scop. : Fr.) Henn. (1)

= *Paxillus prunulus* (Scop. : Fr.) Qué. (2)

= *Agaricus orcellus* Bull. : Fr. (3)

Ref.: Blagaić 1921 (2), Blagaić 1931 (2), Božac 1982, Božac 1984, Božac 1986, Božac 1989, Božac 1993, Focht 1974, Focht 1986, Schulzer 1882 a (3), Schulzer & al. 1866 (3), Škorić 1928 (1), Tortić 1964, Tortić 1966 a, Tortić 1966 b, Tortić 1993, Tortić & Lisiewska 1978, Vouk & Pevalek 1916 (1), unsp. Lisiewska, unsp. Matočec, unsp. Mešić & Tkalčec, unsp. Tortić, Focht 1979 HR?

Exs.: BEO, CNF, POZM

(Lit.: Bas & al. 1988, Hansen & Knudsen 1992, Moser 1983)

* **Clitopilus rhodophyllus** (Bres.) Singer

Misappl.: *Clitopilus pinsitus* (Fr. : Fr.) Joss. sensu Joss. non Fr. (1)

Ref.: unsp. Tortić (1)

Exs.: CNF

• **Clitopilus scyphoides** (Fr. : Fr.) Singer

= *Clitopilus cretatus* (Berk. et Broome) Sacc. (1)

Ref.: Božac 1984 (1), unsp. Mešić & Tkalčec

Exs.: CNF

(Lit.: Bas & al. 1988, Hansen & Knudsen 1992, Moser 1983)

Entoloma (Fr.) P. Kumm.

(Lit.: Arnolds & al. 1995, Bas & al. 1988, Bollmann & al. 1996, Dennis & al. 1960, Hansen & Knudsen 1992, Kreisel 1987, Moser 1983, Noordeloos 1985, Noordeloos 1992, Singer 1986, Škorić 1928, Vouk & Pevalek 1916)

* **Entoloma bloxamii** (Berk. et Broome) Sacc.

= *Entoloma madidum* (Fr. →) Gillet

= *Rhodophyllus madidus* (Fr. →) Gillet Qué. (1)

Ref.: unsp. Tortić (1)

Exs.: CNF

• **Entoloma clypeatum** (L.) P. Kumm.

= *Hyporrhodius clypeatus* (L.) J. Schröt. (1)

= *Rhodophyllus clypeatus* (L.) Quél. (2)
 Ref.: Blagaić 1931, Focht 1979 (2), Kranjčev 1995, Tortić 1964 (2),
 Vouk & Pevalek 1916 (1), unpub. Mešić & Tkalčec, unpub. Tortić
 Exs.: CNF
 (Lit.: Bas & al. 1988, Noordeloos 1992)

*• ***Entoloma conferendum*** (Britzelm.) Noordel.

*• var. ***conferendum***

= *Rhodophyllus staurosporus* (Bres.) J.E. Lange (1)
 Ref.: unpub. Matočec (1), unpub. Mešić & Tkalčec
 Exs.: CNF
 (Lit.: Bas & al. 1988, Noordeloos 1992)

Entoloma corvinum (Kühner) Noordel.

= *Rhodophyllus corvinus* Kühner (1)
 Ref.: Tortić 1973 (1)
 Exs.: PRM (1)

Entoloma exile (Fr. : Fr.) Hesler

= *Entoloma pyrospilum* (Romagn. ex P.D. Orton) Moser
 = *Rhodophyllus pyrospilus* Romagn. (nom. inval.) (1)
 Ref.: Tortić 1973 (1), unpub. Matočec
 Exs.: CNF, PRM (1)

*• ***Entoloma fernandae*** (Romagn.) Noordel.

= *Entoloma psilopus* Arnolds et Noordel.
 Ref.: unpub. Mešić & Tkalčec
 Exs.: CNF
 (Lit.: Bas & al. 1988, Noordeloos 1992)

Entoloma hirtipes (Schumach. : Fr.) Moser

= *Nolanea hirtipes* (Schumach. : Fr.) P. Kumm. (1)
 = *Rhodophyllus hirtipes* (Schumach. : Fr.) Quél. (2)
 Ref.: Barčić 1989, Barčić 1996, Tortić 1966 a (2), Tortić 1966 b (2),
 Tortić 1968 a (1), unpub. Tortić (1)(2)
 Exs.: CNF

• ***Entoloma incanum*** (Fr. : Fr.) Hesler

= *Leptonia incana* (Fr. : Fr.) Gillet (1)
 = *Rhodophyllus incanus* (Fr. : Fr.) Kühner et Romagn. (comb. inval.) (2)
 Ref.: Jaap 1916 (1), Lisiewska & Tortić 1990, Tortić 1973 (2), unpub.
 Lisiewska, unpub. Mešić & Tkalčec, unpub. Tortić (2)
 Exs.: CNF, POZM, PRM (2)
 (Lit.: Bas & al. 1988, Noordeloos 1992)

Entoloma lividoalbum (Kühner et Romagn.) Kubička

Ref.: Barčić 1982, Barčić 1996

• ***Entoloma mougeotii*** (Fr.) Hesler

= *Hyporrhodius mougeotii* (Fr.) Henn. (1)

= *Rhodophyllus mougeotii* (Fr.) J.E. Lange (2)
 Misappl.: *Rhodophyllus ardosiacus* (Bull. : Fr.) Quél. sensu auct. non
 Bull. (3)
 Ref.: Focht 1974 (2), Tortić 1966 a (3), Tortić 1966 b (3), Vouk &
 Pevalek 1915 (1), Vouk & Pevalek 1916 (1), unpubl. Mešić & Tkalčec, unpubl.
 Tortić (3)
 Exs.: CNF
 (Lit.: Bas & al. 1988, Noordeloos 1992)

Entoloma plebeioides (Schulzer) Noordel.
 = *Agaricus plebeioides* Schulzer (1)
 = *Entoloma holophaeum* Bres. et Schulzer (nom. illeg.) (2)
 Ref.: Saccardo 1887 (2), Schulzer 1877 (1), Schulzer 1885 (2)

Entoloma pleopodium (Bull. ex DC. : Fr.) Noordel.
 = *Entoloma icterinum* (Fr. : Fr.) Moser
 = *Rhodophyllus icterinus* (Fr. : Fr.) Quél. (1)
 Ref.: Tortić 1966 a (1), Tortić 1966 b (1), unpubl. Tortić (1)
 Exs.: CNF

Entoloma politum (Pers. : Fr.) Donk
 = *Hyporrhodius politus* (Pers. : Fr.) Henn. (1)
 Ref.: Vouk & Pevalek 1916 (1)

*• ***Entoloma porphyrophaeum*** (Fr.) P. Karst.
 = *Rhodophyllus porphyrophaeus* (Fr.) J.E. Lange (1)
 Ref.: unpubl. Mešić & Tkalčec, unpubl. Tortić (1)
 Exs.: CNF
 (Lit.: Bas & al. 1988, Noordeloos 1992)

Entoloma prunuloides (Fr. : Fr.) Quél.
 Ref.: Blagaić 1923

• ***Entoloma rhodopolium*** (Fr. : Fr.) P. Kumm.
 Ref.: Barčić 1996

• var. ***rhodopolium***
 = *Agaricus rhodopolius* Fr. : Fr. (1)
 = *Rhodophyllus rhodopolius* (Fr. : Fr.) Quél. (2)
 Ref.: Barčić 1982 (as *E. rhodopolium*), Focht 1979 (2), unpubl.
 Mešić & Tkalčec, Schulzer 1857 HR? (1)
 Exs.: CNF
 (Lit.: Noordeloos 1992)

var. ***nidorosum*** (Fr.) Krieglst.
 = *Entoloma nidorosum* (Fr.) Quél. (3)
 = *Rhodophyllus nidorosus* (Fr.) Quél. (4)
 Ref.: Focht 1979 (4), Kišpatić 1950 (3), Mužić & Božac 1997 (4),
 Tortić 1973 (4), Tortić & Lisiewska 1978 (4), unpubl. Tortić (3)(4)
 Exs.: CNF

- Entoloma sepium*** (Noulet et Dass.) Richon et Roze
 = *Rhodophyllus sepius* (Noulet et Dass.) Romagn. (1)
 = *Agaricus prunarii* Schulzer (2)
 Ref.: Focht 1979 (1), Schulzer 1880 (2), Schulzer & al. 1866 (nom. nud.)
 (2)
- ***Entoloma sericellum*** (Fr. : Fr.) P. Kumm.
 = *Rhodophyllus sericellus* (Fr. : Fr.) Qué. (1)
 = *Agaricus carneoalbus* With. (2)
 Ref.: Kalchbrenner & Schulzer 1873-1877 (2), Tortić 1973 (1), unpub.
 Mešić & Tkalčec
 Exs.: CNF, PRM (1)
 (Lit.: Bas & al. 1998, Noordeloos 1992)
- *• ***Entoloma serrulatum*** (Fr. : Fr.) Hesler
 Ref.: unpub. Lisiewska, unpub. Mešić & Tkalčec, unpub. Tortić
 Exs.: CNF, POZM
 (Lit.: Bas & al. 1988, Noordeloos 1992)
- ***Entoloma sinuatum*** (Bull. ex Pers. : Fr.) P. Kumm.
 = *Rhodophyllus sinuatus* (Bull. ex Pers. : Fr.) Qué. (1)
 = *Entoloma eulividum* Noordel.
 Misappl.: *Entoloma lividum* (Bull.) Qué. sensu auct. non Bull. (2)
 (sensu Bull. = *Pluteus cervinus* (Schaeff.) P. Kumm. - Noordeloos
 1992)
 Misappl.: *Hyporrhodius lividus* (Bull.) J. Schröt. sensu auct. non Bull.
 (3)
 Misappl.: *Rhodophyllus lividus* (Bull.) Qué. sensu auct. non Bull. (4)
 Ref.: Barčić 1982, Barčić 1996, Blagaić 1923 (2), Blagaić 1931 (2),
 Focht 1979 (4), Focht 1986 (4), Mužic & Božac 1997, Škorić 1928 (3),
 Tortić 1964 (1), Tortić & Lisiewska 1978 (1), Vrščaj 1990, unpub. Matočec
 (2), unpub. Mešić & Tkalčec, unpub. Tortić (1)(2)
 Exs.: CNF
 (Lit.: Bas & al. 1988, Noordeloos 1992)

***Rhodocybe* Maire**

(Lit.: Arnolds & al. 1995, Bas & al. 1988, Bollmann & al. 1996,
 Hansen & Knudsen 1992, Kreisel 1987, Moser 1983, Singer
 1986)

- Rhodocybe fallax*** (Qué.) Singer
 = *Clitopilopsis fallax* (Qué.) Kühner ex Konrad et Maubl. (1)
 Ref.: Tortić 1968 b (1), unpub. Tortić (1)
 Exs.: CNF
- ***Rhodocybe gemina*** (Fr.) Kuyper et Noordel.
 Misappl.: *Rhodocybe truncata* (Schaeff.) Singer sensu auct. non Schaeff.
 (1)

Ref.: Božac 1984 (1), Božac 1986 (1), Božac 1989 (1), Božac 1993 (1),
Focht 1974 (1), Vrščaj 1990, unpub. Matočec (1), unpub. Mešić & Tkalčec
Exs.: CNF
(Lit.: Bas & al. 1988, Hansen & Knudsen 1992)

Rhodocybe parilis (Fr. : Fr.) Singer
= *Clitocybe parilis* (Fr. : Fr.) Gillet (1)
Ref.: Focht 1974 (1)

*•***Rhodocybe popinalis*** (Fr. : Fr.) Singer
= *Rhodocybe mundula* (Lasch : Fr.) Singer (1)
Ref.: unpub. Mešić & Tkalčec, unpub. Tortić (1)
Exs.: CNF
(Lit.: Bas & al. 1988, Hansen & Knudsen 1992, Moser 1983)

Family **Pluteaceae** Roze ex Kotl. et Pouzar

Pluteus Fr.

(Lit.: Arnolds & al. 1995, Banerjee & Sundberg 1995, Bas & al. 1990,
Bollmann & al. 1996, Fries 1821, Hansen & Knudsen 1992, Kreisel
1987, Moser 1983, Orton 1986, Singer 1986, Škorić 1928)

•***Pluteus atromarginatus*** (Singer) Kühner
= *Pluteus tricuspis* Velen. (1)
Ref.: Focht 1972, Focht 1974, Lisiewska & Tortić 1990 (1), Tortić 1966
a, Tortić 1966 b, Tortić 1989, Tortić 1993, unpub. Mešić & Tkalčec, unpub.
Tortić, Focht 1979 HR?
Exs.: CNF
(Lit.: Bas & al. 1990, Orton 1986)

•***Pluteus cervinus*** (Schaeff.) P. Kumm.
= *Agaricus cervinus* Schaeff. (1)
= *Hyporrhodius cervinus* (Schaeff.) Henn. (2)
= *Pluteus atricapillus* (Batsch) Fayod (3)
= *Agaricus pluteus* Batsch : Fr. (4)
Ref.: Blagaić 1921, Focht 1972, Focht 1974, Focht 1979, Jelić & Tortić
1973 (3), Schulzer 1882 a (1), Schulzer & al. 1866 (1), Škorić 1928 (2),
Tortić 1962, Tortić 1964, Tortić 1966 a, Tortić 1966 b, Tortić 1989 (3),
Vouk & Pevalek 1916 (2), unpub. Matočec (3), unpub. Mešić & Tkalčec, unpub.
Tortić, Schulzer 1857 HR? (4)
Exs.: CNF
(Lit.: Bas & al. 1990, Orton 1986)

Pluteus chrysophaeus (Schaeff.) Quél.
= *Hyporrhodius chrysophaeus* (Schaeff.) Henn. (1)
= *Pluteus galeroideus* P.D. Orton
= *Pluteus luteovirens* Rea
= *Pluteus xanthophaeus* P.D. Orton

Ref.: Škorić 1928 (1), Tortić 1966 a, Tortić 1966 b, unpub. Tortić
Exs.: CNF

*• ***Pluteus exiguus*** (Pat.) Sacc.

Ref.: unpub. Mešić & Tkalčec
Exs.: CNF
(Lit.: Bas & al. 1990, Orton 1986)

* ***Pluteus inquilinus*** Romagn.

= *Pluteus alborugosus* Kühner (nom. inval.) (1)
Misappl.: *Pluteus semibulbosus* (Lasch) Gillet sensu J.E. Lange, P.D.
Orton non Lasch
(sensu Lasch = *Pluteus plautus* (Weinm.) Gillet - Bas & al. 1990)
Ref.: unpub. Lisiewska (1)
Exs.: POZM (1)

• ***Pluteus leoninus*** (Schaeff. : Fr.) P. Kumm.

Ref.: Tortić 1989, unpub. Matočec, unpub. Mešić & Tkalčec, unpub. Tortić
Exs.: CNF
(Lit.: Bas & al. 1990, Orton 1986)

*• ***Pluteus pallescens*** P.D. Orton

Misappl.: *Pluteus satur* Kühner et Romagn. sensu Romagn, P.D. Orton
1986 non Kühner et Romagn.
(sensu Kühner et Romagn. = *Pluteus nanus* (Pers. : Fr.) P. Kumm. -
Bas & al. 1990)
Ref.: unpub. Mešić & Tkalčec
Exs.: CNF
(Lit.: Bas & al. 1990, Orton 1986)

• ***Pluteus pellitus*** (Pers. : Fr.) P. Kumm.

Ref.: Focht 1979, unpub. Mešić & Tkalčec
Exs.: CNF
(Lit.: Bas & al. 1990, Hansen & Knudsen 1992, Orton 1986)

• ***Pluteus petasatus*** (Fr.) Gillet

= *Agaricus patricius* Schulzer (1)
= *Pluteus patricius* (Schulzer) Boud. (2)
Misappl.: *Pluteus curtisii* (Berk. et Broome) Sacc. sensu Moser non
Berk. et Broome
(sensu Berk. et Broome = *Pluteus cervinus* (Schaeff.) P. Kumm. -
Bas & al. 1990)
Ref.: Blagaić 1921 (2), Focht 1979 (2), Kalchbrenner & Schulzer 1873-
-1877 (1), Tortić 1968 b, Tortić 1973, unpub. Mešić & Tkalčec, unpub.
Tortić, Fries 1874 HR? (1), Saccardo 1887 HR? (2)
Exs.: CNF
(Lit.: Bas & al. 1990, Orton 1986)

Pluteus phlebophorus (Ditmar : Fr.) P. Kumm.= *Agaricus phlebophorus* Ditmar : Fr. (1)

Ref.: Schulzer & al. 1866 (1), Torti c 1989, unpub. Torti c, Schulzer 1857

HR? (1)

Exs.: CNF

• *Pluteus plautus* (Weinm.) Gillet= *Pluteus boudieri* P.D. Orton= *Pluteus depauperatus* Romagn.= *Pluteus dryophiloides* P.D. Orton= *Pluteus gracilis* (Bres.) J.E. Lange (1)= *Pluteus pellitus* (Pers. : Fr.) P. Kumm. var. *gracilis* Bres. (2)= *Pluteus granulatus* Bres.= *Pluteus punctipes* P.D. Orton= *Pluteus semibulbosus* (Lasch) Gillet

Ref.: Focht 1974 (1), Schulzer 1885 (2), unpub. Me i c & Tkal ec, Saccardo

1887 HR? (2)

Exs.: CNF

(Lit.: Bas & al. 1990, Orton 1986)

• *Pluteus podospileus Sacc. et Cub.

Ref.: unpub. Me i c & Tkal ec

Exs.: CNF

(Lit.: Bas & al. 1990, Orton 1986)

• *Pluteus romellii (Britzelm.) Lapl.

Ref.: unpub. Me i c & Tkal ec

Exs.: CNF

(Lit.: Bas & al. 1990, Orton 1986)

• *Pluteus salicinus* (Pers. : Fr.) P. Kumm.

Ref.: Torti c & Lisiewska 1978, unpub. Me i c & Tkal ec, unpub. Torti c

Exs.: CNF

(Lit.: Bas & al. 1990, Orton 1986)

• *Pluteus thomsonii (Berk. et Broome) Dennis

Ref.: unpub. Me i c & Tkal ec

Exs.: CNF

(Lit.: Bas & al. 1990, Orton 1986)

Pluteus umbrosus (Pers. : Fr.) P. Kumm.

Ref.: Torti c 1989, unpub. Torti c

Exs.: CNF

Volvariella Speg.

(Lit.: Arnolds & al. 1995, Bas & al. 1990, Boekhout 1986,

Bollmann & al. 1996, Hansen & Knudsen 1992, Kreisel 1987,

Moser 1983, Orton 1986, Singer 1986)

- ***Volvariella bombycina*** (Schaeff. : Fr.) Singer
 - = *Agaricus bombycinus* Schaeff. : Fr. (1)
 - = *Volvaria bombycina* (Schaeff. : Fr.) P. Kumm. (2)
 - Ref.: Blagaić 1931 (2), Božac 1982, Božac 1984, Božac 1989, Božac 1993, Focht 1986, Lange 1974, Schulzer & al. 1866 (1), Tortić 1968 b, unip. Matočec, unip. Mešić & Tkalčec, unip. Tortić (2)
 - Exs.: CNF
 - (Lit.: Bas & al. 1990, Orton 1986)
- ***Volvariella gloiocephala*** (DC. : Fr.) Boekhout et Enderle
 - = *Volvaria gloiocephala* (DC. : Fr.) Gillet (1)
 - = *Volvaria speciosa* (Fr. : Fr.) P. Kumm. f. *gloiocephala* (DC. : Fr.) Konrad et Maubl. (2)
 - = *Volvariella speciosa* (Fr. : Fr.) Singer var. *gloiocephala* (DC. : Fr.) Singer (3)
 - = *Agaricus speciosus* Fr. : Fr. (4)
 - = *Volvariella speciosa* (Fr. : Fr.) Singer var. *speciosa* (5)
 - Ref.: Focht 1986 (3)(5), Schulzer & al. 1866 (4), Tortić 1964, Tortić 1966 a (1), unip. Mešić & Tkalčec, unip. Tortić () (1)(2), Schulzer 1857 HR? (4)
 - Exs.: CNF
 - (Lit.: Bas & al. 1990, Moser 1983)
- *• ***Volvariella hypopithys*** (Fr.) Shaffer
 - = *Volvariella pubescentipes* (Peck) Singer
 - Ref.: unip. Mešić & Tkalčec
 - Exs.: CNF
 - (Lit.: Bas & al. 1990, Hansen & Knudsen 1992, Orton 1986)
- *• ***Volvariella murinella*** (Quél.) Courtec.
 - Ref.: unip. Mešić & Tkalčec
 - Exs.: CNF
 - (Lit.: Bas & al. 1990, Orton 1986)
- Volvariella pusilla*** (Pers. : Fr.) Singer
 - = *Volvariella parvula* (Weinm.) Speg.
 - Ref.: Focht 1986, unip. Matočec
 - Exs.: CNF
- ***Volvariella surrecta*** (Knapp) Singer
 - Ref.: Focht 1986, unip. Mešić & Tkalčec
 - Exs.: CNF
 - (Lit.: Bas & al. 1990, Orton 1986)
- Volvariella volvacea*** (Bull. : Fr.) Singer
 - = *Volvaria volvacea* (Bull. : Fr.) P. Kumm. (1)
 - Ref.: Tortić 1964, Vouk & Pevalek 1916 (1), unip. Tortić (1)

EXCLUDED RECORDS

Family **Bolbitiaceae** Singer

- Agaricus pediades* Fr. : Fr.
 = ! *Agaricus arvalis* Fr. : Fr.
 Ref.: Schulzer 1879 b HR?
 Annotation: We exclude this record due to incorrect synonymy.
- Agaricus pusiolus* Fr. : Fr. var. *major* Schulzer = ?
 Ref.: Schulzer 1878
- Bolbitius ozonii* Schulzer = ?
 Ref.: Saccardo 1887, Schulzer 1883 a, Schulzer 1883 b
- Galera tenera* (Schaeff. : Fr.) P. Kumm. var. *hyalopoda* Bres. = ?
 Ref.: Schulzer 1885, Saccardo 1887 HR?

Family **Coprinaceae** Overeem

- Agaricus biformis* Schulzer = ? [*Psathyrella*]
 Ref.: Schulzer 1878
- Agaricus cascus* Fr. var. *stipite-brevi* Schulzer = ?
 Ref.: Schulzer 1878
- Agaricus cernuus* Vahl : Fr. var. *perforatus* Schulzer = ?
 Ref.: Schulzer 1880
- Agaricus costatulus* Schulzer = ? [*Panaeolus*]
 Ref.: Schulzer 1880
- Agaricus eremita* Schulzer = ? [*Psathyrella*]
 Ref.: Schulzer 1881
- Agaricus flaccescens* Schulzer = ?
 = *Psathyra schulzeri* Quél. (nom. illeg.) (1)
 Ref.: Schulzer 1877, Schulzer 1885 (1), Saccardo 1887 HR? (1)
- Agaricus gracilis* Pers. var. *medius* Schulzer = ? [*Psathyrella*]
 Ref.: Schulzer 1878
- Agaricus helvolus* Schaeff. - nom. dub. (Gerhardt 1996)
 Ref.: Schulzer 1857 HR?
- Agaricus semiglobularis* Schulzer = ? [*Panaeolus*]
 Ref.: Schulzer 1881
- Agaricus serotinellus* Schulzer = ? [*Psathyrella*]
 Ref.: Schulzer 1882 b
- Agaricus subaurantius* Schulzer = ? [*Psathyrella*]
 Ref.: Schulzer 1877
- Agaricus subcernuus* Schulzer - nom. dub. (Kits van Waveren 1985)
 Ref.: Schulzer 1877

- Agaricus subfasciolatus* Schulzer = ? [*Panaeolus*]
Ref.: Schulzer 1880
- Agaricus subtilis* Fr. : Fr. var. *hortensis* Schulzer = ? [*Psathyrella*]
Ref.: Schulzer 1877
- Agaricus tenebricosus* Schulzer = ? [*Psathyrella*]
Ref.: Schulzer 1882 b
- Chalymnota macrocystis* Vouk et Pevalek = ?
Ref.: Vouk & Pevalek 1915, Vouk & Pevalek 1916
- Coprinarius deparculus* Britzelm. = ?
Ref.: Škorić 1928
- Coprinus bresadolae* Schulzer = ?
Ref.: Schulzer 1885, Saccardo 1887 HR?
- Coprinus laxis* Bres. et Schulzer = ?
Ref.: Schulzer 1885, Saccardo 1887 HR?
- Coprinus micaceus* (Bull. : Fr.) Fr. var. *congregatus* Rabenh. = ?
Ref.: Schulzer & al. 1866
- Coprinus papillatus* (Batsch : Fr.) Fr. = ?
Ref.: Vouk & Pevalek 1916
Annotation: Enderle & al. (1986) consider that it could be identical with *Coprinus patouillardii* Quél.
- Coprinus porcellanus* Schaeff. = ?
Ref.: Vouk & Pevalek 1915, Vouk & Pevalek 1916
- Coprinus queletii* Schulzer = ?
Ref.: Schulzer 1885, Saccardo 1887 HR?
- Coprinus roris* Quél. = ?
Ref.: Schulzer 1885
- Coprinus subcoeruleogriseus* Schulzer = ?
Ref.: Schulzer 1879 a
- Panaeolus lerchenfeldii* (Schulzer) Sacc.
Ref.: Saccardo 1887
Annotation: Author of the record specified Slavonia (part of Croatia today) as a locality, but Schulzer found the species in the part of former Slavonia that nowadays does not belong to Croatia.
- Psathyra torpens* (Fr. : Fr.) Quél. var. *atrospora* Quél. = ?
Ref.: Saccardo 1887, Schulzer 1885
- Psathyrella asperella* Quél. et Schulzer = ?
Ref.: Schulzer 1885

Family **Entolomataceae** Kotl. et Pouzar

- Agaricus fumosoalbus* Schulzer = ? [*Entoloma*]
Ref.: Schulzer 1879 a

- Agaricus infrequens* Schulzer = ? [*Entoloma*]
Ref.: Schulzer 1878
- Agaricus lazulinoides* Schulzer = ?
= *Leptonia bresadolae* Schulzer (nom. illeg.) (1)
Ref.: Schulzer 1878, Schulzer 1885 (1)
- Agaricus majalis* Fr. : Fr. var. *furvescens* Schulzer = ? [*Entoloma*]
Ref.: Schulzer 1877
- Agaricus melancholicus* Schulzer = ? [*Eccilia*]
Ref.: Schulzer 1877
- Agaricus nigrocinnamomeus* Schulzer var. *nemoreus* Schulzer = ? [*Entoloma*]
Ref.: Schulzer 1878
- Agaricus pascuus* Pers. : Fr.
Ref.: Schulzer 1867
Annotation: Pilát (1951) considers this name a synonym of *Entoloma sericeum* (Bull. →) Quéf., whereas Dennis & al. (1960) consider it a nomen confusum.
- Agaricus poetschii* Schulzer = ? [*Leptonia*]
Ref.: Schulzer 1881
- Agaricus recedens* Schulzer = ? [*Entoloma*]
Ref.: Schulzer 1877
- Agaricus umbrinoalbus* Schulzer = ? [*Eccilia*]
Ref.: Schulzer 1880
- Hyporrhodius dissentiens* Britzelm. = ?
Ref.: Vouk & Pevalek 1916
- Hyporrhodius mammosus* (L.) ?
Ref.: Vouk & Pevalek 1915
Annotation: We exclude this record due to numerous misapplications of the epithet (see Dennis & al. 1960, Noordeloos 1992).
- Hyporrhodius nidus-avis* (Secr.) Henn. = ?
Ref.: Škorić 1928
- Rhodophyllus griseorubellus* (Lasch : Fr.) Quéf.
Ref.: Focht 1974
Annotation: This species has been interpreted in different senses (see Dennis & al. 1960, Noordeloos 1992). We do not know which sense has been used by the author of the record.
- Rhodophyllus placenta* (Batsch) ? = ?
= ! *Rhodophyllus aprilis* (Britzelm.) Romagn.
Ref.: Focht 1979
Annotation: In the literature available to us we could not find the confirmation of the synonymy given by Focht (1979), so we exclude the record.

Family **Pluteaceae** Roze ex Kotl. et Pouzar

- Agaricus albidofumosus* Schulzer = ? [*Pluteus*]
Ref.: Schulzer 1877
- Agaricus albovirgatus* Schulzer = ? [*Pluteus*]
Ref.: Schulzer 1880
- Agaricus caespitosulus* Schulzer = ? [*Pluteus*]
Ref.: Schulzer 1880
- Agaricus cervinus* Schaeff. var. *albicans* Schulzer - nom. nud.
Ref.: Schulzer & al. 1866
- Agaricus chrysophaeoides* Schulzer = ? [*Pluteus*]
Ref.: Schulzer 1878
- Agaricus niveipes* Schulzer = ? [*Pluteus*]
Ref.: Schulzer 1877
- Agaricus ochropilus* Schulzer - nom. nud.
= *Agaricus bombycinus* Schaeff. : Fr. var. *ochropilus* Schulzer (nom. nud.)
(1)
Ref.: Schulzer & al. 1866 (1) + Schulzer 1867
- Agaricus patricius* Schulzer var. *carpini* Schulzer = ?
Ref.: Schulzer 1878
- Agaricus sorcinoides* Schulzer = ? [*Pluteus*]
Ref.: Schulzer 1877
- Agaricus subalbicans* Schulzer = ? [*Pluteus*]
Ref.: Schulzer 1881
- Agaricus subspeciosus* Schulzer = ? [*Volvaria*]
Ref.: Schulzer 1880
- Agaricus virgatorumpens* Schulzer = ? [*Pluteus*]
Ref.: Schulzer 1877
- Amanita bresadolae* Schulzer = *Volvariella* sp. (Gilbert 1940-1941)
= *Amanitopsis bresadolae* (Schulzer) Sacc. (1)
Ref.: Saccardo 1887 (1), Schulzer 1885
- Chamaeota fenzlii* (Schulzer) Singer
= *Annularia fenzlii* (Schulzer) Gillet (1)
Ref.: Saccardo 1887 (1)
Annotation: The author of the record specified Slavonia (part of Croatia today) as a locality, but Schulzer found the species in the part of former Slavonia that nowadays does not belong to Croatia (see Kalchbrenner & Schulzer 1873-1877).
- Pluteus drepanophyllus* (Schulzer) Schulzer
= *Agaricus drepanophyllus* Schulzer (1)
= *Pluteus creatophyllus* Sacc. (2)
Ref.: Kalchbrenner & Schulzer 1873-1877 (1), Saccardo 1887 HR? (2)

Annotation: Singer (1986) considers it an autonomous species, while Bas & al. (1990) consider that Singer has misapplied this name to *Pluteus ephebeus* (Fr. : Fr.) Gillet. Bas & al. (1990) do not specify what *P. drepanophyllus* is in the original, Schulzer's sense.

Pluteus drepanophyllus (Schulzer) Schulzer var. ***excoriatus*** Bres. = ?

= *Pluteus creatophyllus* Sacc. var. *excoriatus* (Bres.) Sacc. (1)

= *Agaricus pluteiformis* Schulzer (2)

Ref.: Schulzer 1880 (2), Schulzer 1885, Saccardo 1887 HR? (1)

Pluteus pellitus (Pers. : Fr.) P. Kumm. var. ***punctillifer*** Quél. = ?

Ref.: Saccardo 1887, Schulzer 1885

Pluteus robertii (Fr.) P. Karst.

Ref.: Focht 1974

Annotation: This species has been interpreted in a few different senses (see Bas & al. 1990, Dennis & al. 1960, Orton 1986). We do not know which sense has been used by the author of the record.

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