

## Checklist of the Argentine Agaricales 2. Coprinaceae and Strophariaceae

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**ABSTRACT**—A checklist of species belonging to the families *Coprinaceae* and *Strophariaceae* was made for Argentina. The list includes all species published till year 2011. Twenty-one genera and 251 species were recorded, 121 species from the family *Coprinaceae* and 130 from *Strophariaceae*.

**KEY WORDS**—*Agaricomycetes*, *Coprinus*, *Psathyrella*, *Psilocybe*, *Stropharia*

### Introduction

This is the second checklist of the Argentine *Agaricales*. Previous one considered the families *Amanitaceae*, *Pluteaceae* and *Hygrophoraceae* (Niveiro & Albertó, 2012).

Argentina is located in southern South America, between 21° and 55° S and 53° and 73° W, covering 3.7 million of km<sup>2</sup>. Due to the large size of the country, Argentina has a wide variety of climates (Niveiro & Albertó, 2012). The incidence of moist winds coming from the oceans, the Atlantic in the north and the Pacific in the south, together with different soil types, make possible the existence of many types of vegetation adapted to different climatic conditions (Brown et al., 2006).

Mycologists who studied the *Agaricales* from Argentina during the last century were reviewed by Niveiro & Albertó (2012). It is considered that the knowledge of the group is still incomplete, since many geographic areas in Argentina have not been studied as yet. The checklist provided here establishes a baseline of knowledge about the diversity of species described from *Coprinaceae* and *Strophariaceae* families in Argentina, and serves as a resource for future studies of mushroom biodiversity.

### Materials & Methods

#### *Nomenclature and classification systems*

This checklist was based on all publications recorded for Argentina till 2011. Nomenclature and classification systems followed Singer (1986) for families, and Kirk et al. (2008) and Index Fungorum (<http://www.indexfungorum.org>) for genera and species. Synonyms were simplified and only the basionym and the names of each species recorded for Argentina were included. Index Fungorum was consulted for current names of species and synonyms.

For journal abbreviations, the Botánico Periódico Huntianum web site was used ([http://fmhibd.library.cmu.edu/fmi/iwp/cgi?db=BPH\\_Online&loadframes](http://fmhibd.library.cmu.edu/fmi/iwp/cgi?db=BPH_Online&loadframes)). For author abbreviations, the

International Plant Names Index (IPNI) (<http://www.ipni.org>) and Authors of Fungal Names (<http://www.indexfungorum.org/names/AuthorsOfFungalNames.asp>) were used. References cited for each species were ordered firstly by author in alphabetical order and secondly by year of publication.

We found genera that are not considered valid at present (Kirk et al., 2008), and species that were transferred to another genus (for example *Kuehneromyces*, at present *Pholiota*). However, not all the species of those genera have been transferred to the current genus. As type materials were not studied, we cited them as were originally published. The valid genus according to Kirk et al. (2008) is given between brackets followed by the symbol =.

Sometimes Spegazzini used symbols or letters when he referred to sub specific taxonomic ranks (for example: *Coprinus hendersonii* Berk. \* *australis* Speg.). In those cases we used the same nomenclature that Spegazzini originally published although according to art. 35.4 of ICNB it is considered to be a variety.

Remarks were only added in those taxa where we found a conflict such as: species not validly published (NVP), the holotype is missing (MH), doubtful name, synonyms, unpublished transfer of a species to a different genus, or when the distribution of the species was not completely clear.

Books were cited by the year in which they were really published and not the year printed in the publication. This is the case, for example, of “Pródromo de la flora Agaricina” which was cited as Singer & Digilio (1952). In this case, two years are provided for species citation in the “literature cited” section, the real year of publication between parenthesis and year printed in the book between brackets.

### ***Distribution***

Species distribution was cited according to the Province (State) where it was collected using abbreviations (Table 1). A map with the political division of Argentina and the abbreviations for each state can be seen in Niveiro & Albertó (2012).

Occasionally, authors only described a place or an area to indicate the distribution; in this case we reproduced author’s comments between quotations marks; for example “North Argentina”.

It should be taken into account that although many species were recorded in the provinces of the Patagonia Argentina (Neuquén, Rio Negro, Chubut, Santa Cruz, Tierra del Fuego), most of them were found in the Patagonian Andes forest which is located in a narrow strip to the west of the southern provinces.

TABLE 1– Abbreviations used for Provinces of Argentina.

<b>Province</b>	<b>Abbrev.</b>	<b>Province</b>	<b>Abbrev.</b>
Antártida	ANT	Misiones	MNES
Buenos Aires	BA	Mendoza	MZA
Catamarca	CAT	Neuquén	N
Córdoba	CBA	Rio Negro	RN
Chaco	CH	Salta	S
Chubut	CHU	Santa Cruz	SC
Corrientes	CTES	Santiago del Estero	SE
Entre Ríos	ER	Santa Fe	SF
Formosa	FSA	San Juan	SJ
Islas Malvinas	IM	San Luis	SL
Jujuy	J	Tucumán	T
La Pampa	LP	Tierra del Fuego	TF
La Rioja	LR	No data	ND
		Patagonian Andes forest	AP

CHECKLIST OF *COPRINACEAE* AND *STROPHARIACEAE* FROM ARGENTINA*COPRINACEAE***Coprinellus P. Karst.**

**Coprinellus angulatus** (Peck) Redhead, Vilgalys & Moncalvo, *Taxon* **50**(1): 232, 2001.

Bas: *Coprinus angulatus* Peck, 1874 [1873].

Dist: N

Ref: Singer (1969).

**Coprinellus brevisetulosus** (Arnolds) Redhead, Vilgalys & Moncalvo, *Taxon* **50**(1): 232, 2001.

Bas: *Coprinus brevisetulosus* Arnolds, 1982.

Dist: IM

Ref: Watling & Richardson (2010).

**Coprinellus curtus** (Kalchbr.) Vilgalys, Hopple & Jacq. Johnson, *Taxon* **50**(1): 233, 2001.

Bas: *Coprinus curtus* Kalchbr., 1881.

Dist: IM

Ref: Watling & Richardson (2010).

**Coprinellus deliquescens** (Bull.) P. Karst., *Bidrag. Kännedom Finlands Natur Folk.* **32**: 542, 1879.

Bas: *Agaricus deliquescens* Bull., 1786.

= *Coprinus deliquescens* (Bull.) Fr., 1838.

Dist: BA

Ref: Spegazzini (1899).

**Coprinellus disseminatus** (Pers.) J.E. Lange, *Dansk Bot. Ark.* **9**(6): 93, 1938.

Bas: *Agaricus disseminatus* Pers., 1801.

= *Psathyrella disseminata* (Pers.) Quél., 1872.

= *Coprinus disseminatus* (Pers.) Gray, 1821.

= *Pseudocoprinus disseminatus* (Pers.) Kühner, 1928.

Dist: T, MNES, BA, N, RN

Ref: Ramadori (1985a), Raitelhuber (1977, 1988, 1991, 2000a, 2004), Singer (1953b, 1954, 1969), Singer & Digilio (1952), Spegazzini (1880a, 1899, 1908, 1919), Wright & Albertó (2002).

**Coprinellus domesticus** (Bolton) Vilgalys, Hopple & Jacq. Johnson, *Taxon* **50**(1): 233, 2001.

Bas: *Agaricus domesticus* Bolton, 1788.

= *Coprinus domesticus* (Bolton) Gray, 1821.

Dist: BA

Ref: Bruno et al. (1970), Raitelhuber (2004), Wright & Albertó (2002).

**Coprinellus ephemerus** (Bull.) Redhead, Vilgalys & Moncalvo, *Taxon* **50**(1): 233, 2001.

Bas: *Agaricus ephemerus* Bull., 1786.

= *Coprinus ephemerus* (Bull.) Fr., 1838 [1836].

Dist: BA, IM

Ref: Spegazzini (1880b), Watling & Richardson (2010).

**Coprinellus hiascens** (Fr.) Redhead, Vilgalys & Moncalvo, *Taxon* **50**(1): 234, 2001.

Bas: *Agaricus hiascens* Fr., 1821.

= *Psathyrella hiascens* (Fr.) Quél., 1872.

Dist: BA

Ref: Spegazzini (1926b).

**Coprinellus micaceus** (Bull.) Vilgalys, Hoppole & Jacq. Johnson, *Taxon* **50**(1): 234, 2001.

Bas: *Agaricus micaceus* Bull., 1786.

= *Coprinus micaceus* (Bull.) Fr., 1838 [1836].

Dist: BA

Ref: Raithelhuber (1974, 1988, 1991, 2004), Wright & Albertó (2002).

**Coprinellus pellucidus** (P. Karst.) Redhead, Vilgalys & Moncalvo, *Taxon* **50**(1): 234, 2001.

Bas: *Coprinus pellucidus* P. Karst., 1882.

Dist: IM

Ref: Watling & Richardson (2010).

**Coprinellus radians** (Desm.) Vilgalys, Hoppole & Jacq. Johnson, *Taxon* **50**(1): 234, 2001.

Bas: *Agaricus radians* Desm., 1828.

= *Coprinus radians* (Desm.) Fr., 1838.

Dist: BA

Ref: Bruno et al. (1970), Martínez (1949), Raithelhuber (2004), Singer (1969).

**Coprinellus subimpatiens** (M. Lange & A.H. Sm.) Redhead, Vilgalys & Moncalvo, *Taxon* **50**(1): 234, 2001.

Bas: *Coprinus subimpatiens* M. Lange & A.H. Sm., 1953.

Dist: BA

Ref: Singer (1969).

**Coprinellus truncorum** (Scop.) Redhead, Vilgalys & Moncalvo, *Taxon* **50**(1): 235, 2001.

Bas: *Agaricus truncorum* Scop., 1770

= *Coprinus truncorum* (Scop.) Fr., 1838 [1836].

Dist: S, BA, TF

Ref: Horak (1967, 1980), Raithelhuber (1974, 1988, 1991, 2004), Spegazzini (1880b, 1887b, 1899, 1922, 1926b), Wright & Albertó (2002).

### **Coprinopsis P. Karst.**

**Coprinopsis atramentaria** (Bull.) Redhead, Vilgalys & Moncalvo, *Taxon* **50**(1): 226, 2001.

Bas: *Agaricus atramentarius* Bull., 1786.

= *Coprinus atramentarius* (Bull.) Fr., 1838.

Dist: BA, N, RN, TF

Ref: Bruno et al. (1970), Horak (1967), Ramadori (1992), Raithelhuber (1974, 1977, 1988, 1991, 2000a, 2004), Singer (1954, 1969), Spegazzini (1880b, 1925), Wright & Albertó (2002).

**Coprinopsis cordispora** (T. Gibbs) Watling & M.J. Richardson, *Edinburgh J. Bot.* **67**(3): 406, 2010.

Bas: *Coprinus cordisporus* T. Gibbs, 1908.

Dist: IM

Ref: Watling & Richardson (2010).

**Coprinopsis ephemeroides** (DC.) Watling & M.J. Richardson, *Edinburgh J. Bot.* **67**(3): 406, 2010.

Bas: *Agaricus ephemeroides* DC., 1805.

Dist: IM

Ref: Watling & Richardson (2010).

**Coprinopsis lagopides** (P. Karst.) Redhead, Vilgalys & Moncalvo, *Taxon* **50**(1): 229, 2001.

Bas: *Coprinus lagopides* P. Karst., 1879.

Dist: RN

Ref: Raithelhuber (1991, 2004), Singer (1969).

**Coprinopsis lagopus** (Fr.) Redhead, Vilgalys & Moncalvo, *Taxon* **50**(1): 229, 2001.

Bas: *Agaricus lagopus* Fr., 1821.

= *Coprinus lagopus* (Fr.) Fr., 1838.

Dist: BA

Ref: Bruno et al. (1970).

**Coprinopsis narcotica** (Batsch) Redhead, Vilgalys & Moncalvo, *Taxon* **50**(1): 229, 2001.

Bas: *Agaricus narcoticus* Batsch, 1786.

= *Coprinus narcoticus* (Batsch) Fr., 1838 [1836].

Dist: BA

Ref: Bruno et al. (1970).

**Coprinopsis nivea** (Pers.) Redhead, Vilgalys & Moncalvo, *Taxon* **50**(1): 229, 2001.

Bas: *Agaricus niveus* Pers., 1801.

Dist: IM

Ref: Watling & Richardson (2010).

**Coprinopsis pachysperma** (P.D. Orton) Redhead, Vilgalys & Moncalvo, *Taxon* **50**(1): 230, 2001.

Bas: *Coprinus pachyspermus* P.D. Orton, 1972.

Dist: IM

Ref: Watling & Richardson (2010).

**Coprinopsis picacea** (Bull.) Redhead, Vilgalys & Moncalvo, *Taxon* **50**(1): 230, 2001.

Bas: *Agaricus picaceus* Bull., 1876.

= *Coprinus picaceus* (Bull.) Gray, 1821.

Dist: CAT, BA

Ref: Spegazzini (1912, 1926b).

**Coprinopsis radiata** (Bolton) Redhead, Vilgalys & Moncalvo, *Taxon* **50**(1): 230, 2001.

Bas: *Agaricus radiatus* Bolton, 1788.

= *Coprinus radiatus* (Bolton) Gray, 1821.

Dist: BA, IM

Ref: Bruno et al. (1970), Spegazzini (1899), Watling & Richardson (2010), Wright & Albertó (2002).

**Coprinopsis radicans** (Romagn.) Redhead, Vilgalys & Moncalvo, *Taxon* **50**(1): 230, 2001.

Bas: *Coprinus radicans* Romagn., 1951.

Dist: BA

Ref: Ramadori (1992).

**Coprinopsis stercorea** (Fr.) Redhead, Vilgalys & Moncalvo, *Taxon* **50**(1): 231, 2001.

Bas: *Agaricus stercorarius* Bull., 1786.

= *Coprinus stercorarius* (Bull.) Fr., 1838.

Dist: TF, IM

Ref: Horak (1967), Spegazzini (1887b), Watling & Richardson (2010).

**Coprinopsis vermiculifer** (Joss. ex Dennis) Redhead, Vilgalys & Moncalvo, *Taxon* **50**(1): 232, 2001.

Bas: *Coprinus vermiculifer* Joss. ex Dennis, 1964.

Dist: IM

Ref: Watling & Richardson (2010).

**Coprinus Pers.**

**Coprinus acidorus** Raithelth., *Hong. Argentin.* **2**: 128, 1977.

Dist: RN, AP

Ref: Raithelhuber (1977, 1988, 1991, 2004).

**Coprinus aureovillosus** Raithelth., *Metrodiana, Sonderh.* **4**: 9, 1990.

= *Coprinus silvaticus* Peck sensu Horak, 1980.

Dist: BA, TF

Ref: Horak (1980), Ramadori (1992), Raithelhuber (1988, 1991, 2004).

**Coprinus carbonicola** Singer, *Beih. Nova Hedwigia* **29**: 176, 1969.

Dist: BA, RN

Ref: Raithelhuber (1977, 1988, 1991, 2004), Singer (1969).

**Coprinus comatus** (O.F. Müll.) Pers., *Tent. disp. meth. fung.* (Lipsiae): 62, 1797.

Bas: *Agaricus comatus* O.F. Müll., 1767.

= *Coprinus ovatus* (Schaeff.) Fr., 1838.

= *Coprinus columellifer* Speg., 1880.

Dist: S, T, CAT, ER, SF, CBA, BA, MZA, N, RN

Ref: Bruno et al. (1970), Farr (1973), Horak (1967), Raithelhuber (2004), Ramadori (1985a, 1992), Singer (1953b, 1954, 1969), Spegazzini (1880b, 1887a, 1899, 1909, 1919, 1926a, 1926b), Wright & Albertó (2002).

**Coprinus deserticola** Speg., *Anales Mus. Nac. Buenos Aires* **6**: 156, 1899 [1898].

Dist: S

Ref: Farr (1973), Singer (1969), Spegazzini (1899).

**Coprinus digitalis** (Batsch) Fr., *Epicr. syst. mycol.* (Upsaliae): 249, 1838.

Bas: *Agaricus digitalis* Batsch, 1783.

Dist: BA

Ref: Spegazzini (1880a, 1899).

**Coprinus disseminatus** f. **disseminatoides** (Raithelth.) Raithelth., *Nueva Flora Micologia Argentina*: 251, 2004.

Bas: *Coprinus disseminatoides* Raithelth., 1974.

Dist: BA

Ref: Raithelhuber (1974, 1988, 1991, 2004).

Obs: *Coprinus disseminatus* (Pers.) J.E. Lange was transferred to genus *Coprinellus* (Lange, 1938).

**Coprinus edulis** Speg., *Anales Mus. Nac. Buenos Aires* **6**: 157, 1899 [1898].

Dist: BA

Ref: Farr (1973), Spegazzini (1899, 1926b).



**Coprinus fagnani** Raithelh., *Metrodiana, Sonderh.* **4**: 8, 1990.

= *Coprinus ephemeroides* (DC.) Fr. sensu Horak, 1980.

= *Coprinus hendersonii* (Berk.) Fr., 1838.

Dist: TF

Ref: Horak (1967, 1980), Raithelhuber (1988, 1990, 1991, 2004), Spegazzini (1887a).

**Coprinus filiformis** Berk. & Broome, *Ann. Mag. Nat. Hist.* **7**: 379, 1861.

Dist: BA

Ref: Spegazzini (1899).

**Coprinus fimetarius** Fr., *Epicr. syst. mycol.* (Upsaliae): 245, 1838.

Dist: BA

Ref: Horak (1967), Spegazzini (1887a, 1899).

**Coprinus flosculus** Berk., *Trans. Linn. Soc. London, Bot.* **20**: 448, 1847.

Dist: TF

Ref: Horak (1967), Spegazzini (1887b).

**Coprinus fuscescens** (Schaeff.) Fr., *Epicr. syst. mycol.* (Upsaliae): 244, 1838.

Bas: *Agaricus fuscescens* Schaeff., 1762.

Dist: BA

Ref: Spegazzini (1881, 1926b).

**Coprinus glandulifer** Speg., *Anales Mus. Nac. Buenos Aires* **6**: 159, 1899 [1898].

Dist: BA

Ref: Farr (1973), Spegazzini (1899).

**Coprinus hendersonii** Berk. **\*australis** Speg., *Anales Soc. Ci. Argent.* **12**(1): 22, 1881.

Dist: BA

Ref: Farr (1973), Spegazzini (1881).

Obs: *C. hendersonii* Berk. is considered as synonym of *C. ephemeroides* (DC.) Fr. (Horak 1980) and *C. fagnani* Raithelh. (Raithelhuber 1990).

**Coprinus herbivorus** Singer, *Beih. Sydowia* **7**: 70, 1973.

Dist: J

Ref: Raithelhuber (1988, 1991, 2004), Singer (1973).

**Coprinus humilis** Speg., *Anales Mus. Nac. Buenos Aires* **6**: 159, 1899 [1898].

Dist: BA

Ref: Spegazzini (1899).

**Coprinus levipes** (Speg.) Speg., *Anales Mus. Nac. Buenos Aires* **6**: 159, 1899 [1898].  
Bas: *Coprinus filiformis* \* levipes Speg., 1881.  
Dist: BA, TF  
Ref: Farr (1973), Horak (1967), Spegazzini (1881, 1887b, 1899).

**Coprinus pampeanus** Speg., *Anales Soc. Ci. Argent.* **12**: 28, 1881.  
Dist: BA  
Ref: Farr (1973), Spegazzini (1881, 1899).

**Coprinus patagonicus** Speg. ex Horak, *Darwiniana* **14**(2-3): 372, 1967.  
Dist: CHU  
Ref: Farr (1973), Horak (1967).

**Coprinus perpusillus** (Speg.) Speg., *Anales Soc. Ci. Argent.* **9**: 6, 1880.  
Bas: *Bolbitius perpusillus* Speg., 1880.  
Dist: BA  
Ref: Farr (1973), Horak (1967), Spegazzini (1880a, 1880b, 1881, 1887a).

**Coprinus phylladophilus** Singer, *Beih. Nova Hedwigia* **29**: 180, 1969.  
Dist: BA  
Ref: Raitelhuber (2004), Singer (1969).

**Coprinus platensis** Speg., *Anales Mus. Nac. Buenos Aires* **6**:158, 1899 [1898].  
Dist: BA  
Ref: Farr (1973), Spegazzini (1899).

**Coprinus platysporus** Speg., *Anales Mus. Nac. Buenos Aires* **6**:160, 1899 [1898].  
Dist: BA  
Ref: Farr (1973), Spegazzini (1899).

**Coprinus psamathonophilus** Speg., *Anales Mus. Nac. Buenos Aires* **6**:156, 1899 [1898].  
Dist: BA, MZA, RN  
Ref: Farr (1973), Singer (1968, 1969), Spegazzini (1899, 1909).

**Coprinus rostrupianus** E.C. Hansen, *Bot. Ztg.* **55**: 125, 1897.  
Dist: BA  
Ref: Bruno et al. (1970).

**Coprinus rufopruinatus** Romagn., *Bull. Trimestriel Soc. Mycol. France* **92**(2): 204, 1976.  
Dist: MNES  
Ref: Lechner et al. (2006), Wright et al. (2008), Wright & Wright (2005).

**Coprinus saccharinus** Romagn., *Bull. Trimestriel Soc. Mycol. France* **92**(2): 201, 1976.

Dist: N

Ref: Raitelhuber (1988, 1991, 2004), Singer (1969).

**Coprinus sclerobasidium** Singer, *Beih. Nova Hedwigia* **29**: 179, 1969.

Dist: N

Ref: Raitelhuber (1988, 1991, 2004), Singer (1969).

**Coprinus speciosulus** Speg., *Anales Mus. Nac. Buenos Aires* **6**:855, 1899 [1898].

Dist: BA

Ref: Farr (1973), Raitelhuber (1974, 1988, 1991), Spegazzini (1899).

**Coprinus sphaerophorus** Speg., *Bol. Acad. Ci. (Córdoba)* **28**: 340, 1926.

Dist: BA

Ref: Farr (1973), Spegazzini (1926b).

**Coprinus sterquilinus** (Fr.) Fr., *Epicr. syst. mycol.* (Upsaliae): 242, 1838 [1836].

Bas: *Agaricus sterquilinus* Fr., 1821.

Dist: BA

Ref: Bruno et al. (1970).

**Coprinus subrenispermus** Singer, *Beih. Nova Hedwigia* **29**: 182, 1969.

Dist: RN

Ref: Raitelhuber (1977, 1988, 1991, 2004), Singer (1969).

**Coprinus uspallatae** Singer, *Beih. Nova Hedwigia* **29**: 178, 1969.

Dist: MZA

Ref: Raitelhuber (1988, 1991, 2004), Singer (1969).

### **Lacrymaria Pat.**

**Lacrymaria lacrymabunda** (Bull.) Pat., *Hyménomyc. Eur.* (Paris): 123, 1887.

Bas: *Agaricus lacrymabundus* Bull., 1785.

= *Hypholoma lacrymabundum* (Bull.) Quél., 1887.

= *Lacrymaria velutina* (Pers.) Konrad & Maubl., 1925.

Dist: BA, TF

Ref: Horak (1980), Raitelhuber (1988, 1991, 2004), Spegazzini (1926b).

**Panaeolus (Fr.) Quél.**

**Panaeolus antillarum** (Fr.) Dennis, *Kew Bull.* **15**(1): 124, 1961.

Bas: *Agaricus antillarum* Fr. 1828.

Dist: IM

Ref: Watling & Richardson (2010).

**Panaeolus acuminatus** (Schaeff.) Quél., *Hyménomycètes* (Alençon): 621, 1874.

Bas: *Agaricus acuminatus* Schaeff., 1774.

= *Panaeolus caliginosus* (Jungh.) Gillet, 1878.

Dist: BA

Ref: Spegazzini (1899).

**Panaeolus acuminatus** var. **rickenii** (Hora) P. Roux, Guy Garcia & Charret, *Mille et Un Champignons*: 13, 2006.

Bas: *Panaeolus rickenii* Hora, 1960.

Dist: T, N, RN, TF

Ref: Raithelhuber (1977, 1988, 1991, 2004), Singer (1969).

**Panaeolus convexulus** Singer, *Mycopathol. Mycol. Appl.* **26**: 161, 1965.

Dist: BA, AP

Ref: Raithelhuber (1988, 1991, 2000a, 2004), Singer (1969).

**Panaeolus fimicola** (Pers.) Gillet, *Hyménomycètes* (Alençon): 621, 1878.

Bas: *Agaricus fimicola* Pers., 1801.

Dist: CBA

Ref: Spegazzini (1926a).

**Panaeolus moellerianus** Singer, *Lilloa* **30**: 123, 1960.

Dist: ND

Ref: Singer (1969).

Obs: Singer (1969) cited this species as recorded in southern South America, but he did not clear up if it was present in Argentina.

**Panaeolus olivaceofuscus** Raithelh., *Hong. Argentin.* **2**: 95, 1977.

Dist: RN

Ref: Raithelhuber (1977).

**Panaeolus papilionaceus** (Bull.) Quél., *Mém. Soc. Émul. Montbéliard*, Sér. 2 **5**: 122, 1873 [1872].

Bas: *Agaricus papilionaceus* Bull., 1781.

= *Panaeolus sphinctrinus* (Fr.) Quél., 1872.

= *Panaeolus campanulatus* (L.) Quél., 1872.

= *Panaeolus retirugis* (Fr.) Gillet, 1878.

Dist: S, T, CAT, CH, SJ, MZA, CBA, BA, N, RN, SC, TF, IM

Ref: Horak (1967, 1980), Raithelhuber (1988, 1991, 2004), Singer (1954, 1969), Spegazzini (1880a, 1887a, 1887b, 1899, 1919, 1922, 1926a, 1926b), Watling & Richardson (2010), Wright & Albertó (2002).

**Panaeolus semiovatus** (Sowerby) S. Lundell & Nannf., *Fungi Exsiccati Suecici* **11-12**: 14, 1938.

Bas: *Agaricus semiovatus* Sowerby, 1798.

= *Anellaria semiovata* (Sowerby) A. Pearson & Dennis, 1948

= *Agaricus separatus* L., 1753.

= *Panaeolus separatus* (L.) Quél., 1877 [1876].

= *Anellaria separata* (L.) P. Karst., 1879.

Dist: BA, N, RN, SC, TF, IM, "South of Argentina and mountains 2200 m over sea level in the north".

Ref: Horak (1967, 1980), Raithelhuber (1988, 1991, 2004), Singer (1954, 1969), Singer & Digilio (1952), Spegazzini (1881, 1887a, 1926b), Watling & Richardson (2010).

**Panaeolus semiovatus** var. **phalaenarum** (Fr.) Ew. Gerhardt, *Biblioth. Bot.* **147**: 24, 1996.

Bas: *Agaricus phalaenarum* Fr., 1838 [1836-1838].

= *Panaeolus phalaenarum* (Fr.) Quél., 1872.

Dist: BA, N, RN, CHU

Ref: Raithelhuber (1977, 1988, 1991, 2004), Singer (1969), Singer & Digilio (1952).

**Panaeolus sepulchralis** (Berk.) Sacc., *Syll. fung.* **5**: 1119, 1887.

Bas: *Agaricus sepulchralis* Berk., 1842.

= *Anellaria sepulchralis* (Berk.) Singer, 1951 [1949].

Dist: T, BA

Ref: Raithelhuber (1988, 1991, 2004), Singer (1953b, 1969), Singer & Digilio (1952), Wright & Albertó (2002).

**Panaeolus solidipes** (Peck) Sacc., *Syll. fung.* **5**: 1123, 1887.

Bas: *Agaricus solidipes* Peck, 1870.

Dist: BA

Ref: Martínez (1949).

**Panaeolus subbalteatus** (Berk. & Broome) Sacc., *Syll. fung.* **5**: 1124, 1887.

Bas: *Agaricus subbalteatus* Berk. & Broome, 1861.

Dist: MNES

Ref: Niveiro et al. (2010), Singer & Digilio (1952).

**Panaeolus subfirmus** P. Karst., *Hedwigia* **28**: 365, 1889.

Dist: IM

Ref: Watling & Richardson (2010).

**Panaeolus subfragilis** Raithelh., *Metrodiana, South*. **5**: 54, 2000.

Dist: BA

Ref: Raithelhuber (2000b, 2004).

**Panaeolus uliginicola** (Speg.) Speg., *Syll. fung.* **9**: 148, 1891.

Bas: *Agaricus (Panaeolus) uliginicola* Speg., 1881.

Dist: N

Ref: Farr (1973), Horak (1967), Raithelhuber (1988, 1991, 2004), Singer (1969), Spegazzini (1887a).

### **Parasola Redhead, Vilgalys & Hopple**

**Parasola auricoma** (Pat.) Redhead, Vilgalys & Hopple, *Taxon* **50**(1): 235, 2001.

Bas: *Coprinus auricomus* Pat., 1886.

Dist: RN, N

Ref: Raithelhuber (1991, 2004), Singer (1969).

**Parasola misera** (P. Karst.) Redhead, Vilgalys & Hopple, *Taxon* **50**(1): 236 (2001)

Bas: *Coprinus miser* P. Karst, 1882.

Dist: IM

Ref: Watling & Richardson (2010).

**Parasola plicatilis** (Curtis) Redhead, Vilgalys & Hopple, *Taxon* **50**(1): 235, 2001.

Bas: *Agaricus plicatilis* Curtis, 1787.

= *Coprinus plicatilis* (Curtis) Fr., 1838 [1836].

Dist: BA

Ref: Horak (1967), Raithelhuber (2004), Ramadori (1985a), Spegazzini (1887a), Wright & Albertó (2002).

### **Psathyra (Fr.) P. Kumm. [= Psathyrella (Fr.) Qué.]**

**Psathyra gyroflexa** (Fr.) P. Kumm., *Führ. Pilzk.* (Zwickau): 70, 1871.

Bas: *Agaricus gyroflexus* Fr., 1838.

Dist: CBA, BA

Ref: Spegazzini (1899, 1926a).

**Psathyra pellosperma** (Bull.) Berk. & Broome, *Ann. Mag. Nat. Hist.* **7**: 373, 1883.

Bas: *Agaricus pellospermus* Bull., 1791.

Dist: CBA

Ref: Spegazzini (1926a).

**Psathyrella** (Fr.) Quél.**Psathyrella ammophila** (Durieu & Lév.) P.D. Orton, *Trans. Br. Mycol. Soc.* **43**(2): 180, 1960.Bas: *Agaricus ammophilus* Durieu & Lév., 1868.

Dist: BA

Ref: Singer (1968, 1969), Wright &amp; Albertó (2002).

**Psathyrella argentina** Speg., *Anales Mus. Nac. Buenos Aires* **6**: 153, 1899.

Dist: BA

Ref: Farr (1973), Spegazzini (1899).

**Psathyrella asperella** Quél., *Hedwigia* **24**: 136, 1885.

Dist: BA

Ref: Spegazzini (1926b).

**Psathyrella candolleana** (Fr.) Maire, *Bull. Soc. Mycol. France* **29**: 185, 1913.Bas: *Agaricus candolleanus* Fr., 1818.= *Hypholoma candolleianum* (Fr.) Quél., 1872.= *Agaricus appendiculatus* Bull., 1789.= *Hypholoma appendiculatum* (Bull.) Quél., 1872.

Dist: T, MNES, CBA, BA, TF, AP

Ref: Horak (1967), Ramadori (1992, 1995), Raithelhuber (1974, 1988, 1991, 2000a, 2004), Singer (1969), Singer &amp; Digilio (1952), Spegazzini (1880c, 1887a, 1887b, 1919, 1926a, 1926b), Wright &amp; Albertó (2002).

**Psathyrella candolleana** f. **pallida** Raithelhub., *Hong. Argentin.* **2**: 128, 1977.

Dist: RN

Ref: Raithelhuber (1977).

**Psathyrella corrugis** (Pers.) Konrad & Maubl., *Encycl. Mycol.* **14**: 123, 1949 [1948].Bas: *Agaricus corrugis* Pers., 1794.= *Psathyrella caudata* (Fr.) Quél., 1872.

Dist: CBA

Ref: Spegazzini (1926a).

**Psathyrella conopilus** (Fr.) A. Pearson & Dennis, *Trans. Br. Mycol. Soc.* **31**: 185, 1949.Bas: *Agaricus conopilus* Fr., 1821.= *Agaricus aratus* Berk., 1860.

Dist: BA

Ref: Albertó et al. (1996), Moreno &amp; Albertó (1996), Raithelhuber (2004), Spegazzini (1880a), Wright &amp; Albertó (2002).

**Psathyrella dactylocystis** f. **latispora** Singer, *Beih. Nova Hedwigia* **29**: 189, 1969.

Dist: N, RN

Ref: Raithelhuber (1977), Singer (1969).

Obs: *Psathyrella dactylocystis* is considered a synonym of *P. falklandica* (Horak, 1980). However we cited them as were originally published since the combination of the variety has not been done.

**Psathyrella dactylocystis** f. **rugulosiceps** Singer, *Beih. Nova Hedwigia* **29**: 189, 1969.

Dist: N

Ref: Singer (1969).

Obs: *Psathyrella dactylocystis* is considered a synonym of *P. falklandica* (Horak, 1980). However we cited them as were originally published since the combination of the variety has not been done.

**Psathyrella falklandica** Cotton, *J. Linn. Soc., Bot.* **43**: 233, 1905.

= *Psathyrella subandina* Singer, 1969.

= *Psathyrella dactylocystis* Singer, 1969.

Dist: N, RN, TF, IM

Ref: Horak (1980), Raithelhuber (1977, 1988, 1991, 2004), Singer (1969).

**Psathyrella fuegiana** E. Horak, *Darwiniana* **14**(2-3): 368, 1967.

Dist: TF

Ref: Horak (1967, 1980), Raithelhuber (1988, 1991, 2004), Spegazzini (1925).

**Psathyrella galerinoides** A.H. Sm., *Mem. New York Bot. Gard.* **24**: 297, 1972.

Dist: TF

Ref: Horak (1980), Raithelhuber (1988, 1991, 2004)

**Psathyrella gracilis** (Fr.) Quél., *Mém. Soc. Émul. Montbéliard, Sér. 2* **5**: 122, 1872.

Bas: *Agaricus gracilis* Fr., 1821.

Dist: TF

Ref: Horak (1967). Spegazzini (1925).

**Psathyrella horakiana** Raithelh., *Metrodiana, Sonderh.* **4**: 16, 1990.

= *Psathyrella sphagnicola* (Maire) J. Favre sensu Horak, 1980.

Dist: TF

Ref: Horak (1980), Raithelhuber (1988, 1991, 2004).

**Psathyrella hydrophora** (Bull.) Fr., *Syll. fung.* **5**: 1129, 1887.

Bas: *Agaricus hydrophorus* Bull., 1793.

Dist: MZA, BA

Ref: Spegazzini (1899).



**Psathyrella marthae** Singer, *Beih. Nova Hedwigia* **29**: 183, 1969.

Dist: N, RN, TF

Ref: Horak (1980), Raithelhuber (1977, 1988, 1991, 2004), Singer (1969).

**Psathyrella marthae** var. **acutissima** (Singer) Raithelh., *Nueva flora Micologia Argentina*: 261, 2004.

Bas: *Psathyrella acutissima* Singer, 1969.

Dist: RN

Ref: Raithelhuber (1988, 1991, 2004), Singer (1969).

**Psathyrella metuloidophora** Singer, *Beih. Sydowia* **7**: 72, 1973.

Dist: T

Ref: Raithelhuber (1991, 2004), Singer (1973).

**Psathyrella moseri** Singer, *Beih. Nova Hedwigia* **29**: 187, 1969.

Dist: N, TF

Ref: Horak (1980), Raithelhuber (1977, 1988), Singer (1969).

**Psathyrella obtusata** (Pers.) A.H. Sm., *Contr. Univ. Michigan Herb.* **5**: 55, 1941.

Bas: *Agaricus obtusatus* Pers., 1801.

= *Psathyra obtusata* var. *obtusata* (Pers.) Gillet, 1878.

Dist: CBA

Ref: Spegazzini (1926a).

**Psathyrella pampeana** Speg., *Anales Mus. Nac. Buenos Aires* **6**: 153, 1899.

Dist: BA

Ref: Farr (1973), Spegazzini (1899).

**Psathyrella patagonica** Singer, *Beih. Nova Hedwigia* **29**: 194, 1969.

Dist: N, RN, TF

Ref: Horak (1980), Raithelhuber (1977, 1988, 1991, 2004), Singer (1969).

**Psathyrella pennata** (Fr.) A. Pearson & Dennis, *Trans. Br. Mycol. Soc.* **31**: 184, 1948.

Bas: *Agaricus pennatus* Fr., 1821.

Dist: RN, TF

Ref: Raithelhuber (1988, 1991, 2004), Singer (1969).

**Psathyrella phaeocystidiata** Singer, *Beih. Sydowia* **7**: 73, 1973.

Dist: J

Ref: Raithelhuber (1988, 1991, 2004), Singer (1973).

**Psathyrella phyllophila** Raithelh., *Hong. Argentin.* **1**: 147, 1974.

Dist: BA

Ref: Raithelhuber (1974, 1988, 1991, 2004), Ramadori (1992).

**Psathyrella piluliformis** (Bull.) P.D. Orton, *Notes Roy. Bot. Gard. Edinburgh* **29**: 116, 1969.

Bas: *Agaricus piluliformis* Bull., 1783.

= *Hypholoma hydrophilum* (Bull.) Quél., 1872.

Dist: T, CBA, BA

Ref: Spegazzini (1899, 1919, 1926a).

**Psathyrella platensis** Speg., *Anales Mus. Nac. Buenos Aires* **6**: 154, 1899.

Dist: BA

Ref: Farr (1973), Spegazzini (1899, 1926b).

**Psathyrella polycystidiosa** Singer, *Beih. Nova Hedwigia* **29**: 190, 1969.

Dist: N, RN

Ref: Raithelhuber (1977, 1991, 2004), Singer (1969).

**Psathyrella polycystidiosa** var. **exumbonata** Singer, *Beih. Nova Hedwigia* **29**: 190, 1969.

Dist: N

Ref: Singer (1969).

**Psathyrella polycystidiosa** var. **minor** Singer, *Beih. Nova Hedwigia* **29**: 190, (196).

Dist: N

Ref: Singer (1969).

**Psathyrella reticulata** (Romagn.) M.M. Moser ex Singer, *Beih. Nova Hedwigia* **29**: 196, 1969.

Bas: *Drosophila reticulata* Romagn., 1952.

Dist: N, RN

Ref: Raithelhuber (1988, 1991, 2004), Singer (1969).

**Psathyrella riparia** Singer, *Beih. Sydowia* **7**: 74, 1973.

Dist: CTES

Ref: Raithelhuber (1988, 1991, 2004), Singer (1973).

**Psathyrella spintrigera** (Fr.) Konrad & Maubl., *Encycl. Mycol.* **14**: 128, 1949 [1948].

Bas: *Agaricus spintriger* Fr., 1838.

= *Stropharia spintrigera* (Fr.) Quél., 1884.

Dist: CBA

Ref: Spegazzini (1926a).

**Psathyrella stelzeri** Raithelh., *Hong. Argentin.* **1**: 147, 1974.

Dist: BA

Ref: Raithelhuber (1974, 1988, 1991, 2004).

**Psathyrella subannulata** Raithelh., *Hong. Argentin.* **2**: 128, 1977.

Dist: BA, RN

Ref: Raithelhuber (1977, 1988, 1991, 2004).

**Psathyrella subdisseminata** Speg., *Bol. Acad. Ci. (Córdoba)* **28**: 345, 1926.

Dist: T, BA

Ref: Farr (1973), Spegazzini (1926b).

**Psathyrella subprona** Singer, *Beih. Nova Hedwigia* **29**: 193, 1969.

Dist: N, RN, CHU

Ref: Raithelhuber (1977, 1988, 1991, 2004), Singer (1969).

**Psathyrella tilcariensis** Singer, *Beih. Nova Hedwigia* **29**: 192, 1969.

Dist: J

Ref: Raithelhuber (1988, 1991, 2004), Singer (1969).

**Psathyrella tristezae** Raithelh., *Metrodiana, Sonderh.* **4**: 16, 1990.

= *Psathyrella prona* f. *prona* (Fr.) Gillet sensu Singer, 1969.

Dist: RN

Ref: Raithelhuber (1977, 1988, 1990, 1991, 2004), Singer (1969).

**Psathyrella tristis** Singer, *Beih. Nova Hedwigia* **29**: 197, 1969.

Dist: RN

Ref: Raithelhuber (1977, 1988, 1991, 2004), Singer (1969).

**Psathyrella umbratica** Peck, *Syll. fung.* **5**: 1137, 1887.

Dist: CBA

Ref: Spegazzini (1926a).

## STROPHARIACEAE

**Flammula (Fr.) P. Kumm [= Pholiota (Fr.) P. Kumm]**

**Flammula argentina** Speg., *Anales Mus. Nac. Buenos Aires* **6**: 129, 1899 [1898].

Dist: BA

Ref: Singer (1950a), Spegazzini (1899).

**Flammula brasiliensis** Fr., *Syll. fung.* **5**: 814, 1887.

Dist: SGO

Ref: Spegazzini (1926b).

**Flammula carbonaria** var. **spgazziniana** Traverso, *Syll. fung.* **23**: 262, 1925.

= *Flammula carbonaria* Fr. sensu Speg., 1912.

Dist: ER

Ref: Spegazzini (1912).

**Flammula cortinata** (DC.) Sacc., *Syll. fung.* **5**: 817, 1887.

Bas: *Agaricus cortinatus* DC., 1815.

Dist: RN

Ref: Spegazzini (1909).

**Flammula fusa** (Batsch) P. Kumm., *Führ. Pilzk.* (Zwickau): 82, 1871.

Bas: *Agaricus fusus* Batsch, 1789.

= *Pholiota fusa* (Batsch) Singer, 1951 [1949].

Dist: BA

Ref: Raitelhuber (1991, 2004).

**Flammula Inopoda** (Fr.) Sacc., *Syll. fung.* **5**: 821, 1887.

Dist: TF

Ref: Spegazzini (1925).

**Flammula saltensis** Speg., *Anales Mus. Nac. Buenos Aires* **6**: 130, 1899 [1898].

Dist: S

Ref: Singer (1950a), Spegazzini (1899).

**Flammula sapinea** var. **livescens** Speg., *Bol. Acad. Ci. (Córdoba)* **29**(2-3): 127, 1926.

Dist: CBA

Ref: Spegazzini (1926a).

**Hypholoma (Fr.) P. Kumm. [= Psilocybe (Fr.) P. Kumm.]****Hypholoma capnoides** (Fr.) P. Kumm., *Führ. Pilzk.* (Zwickau): 72, 1871.Bas: *Agaricus capnoides* Fr., 1818.

Dist: BA

Ref: Ramadori (1985c).

**Hypholoma castilloi** (Singer) Raithelh., *Metrodiana* 9(2): 47, 1980.Bas: *Naematoloma castilloi* Singer, 1969.

Dist: RN

Ref: Raithelhuber (1977, 1988, 1991, 2004).

**Hypholoma elongatipes** (Peck) A.H. Sm., *Mycologia* 33(1): 5, 1941.Bas: *Psilocybe elongatipes* Peck, 1875 [1874].= *Naematoloma elongatipes* (Peck) Singer, 1951.

Dist: N, RN, TF

Ref: Horak (1980), Raithelhuber (1988, 1991, 2004), Singer (1954, 1969), Singer &amp; Digilio (1952).

**Hypholoma fasciculare** (Huds.) P. Kumm., *Führ. Pilzk.* (Zwickau): 21, 1871.Bas: *Agaricus fascicularis* Huds., 1778.= *Naematoloma fasciculare* (Huds.) P. Karst., 1880 [1879].

Dist: S, T, ER, BA

Ref: Raithelhuber (1988, 1991, 2004), Singer (1969), Singer &amp; Digilio (1952), Spegazzini (1881), Wright &amp; Albertó (2002).

**Hypholoma fasciculare** var. **mitis** Raithelh., *Metrodiana* 9(2): 47, 1980.

Dist: N, RN

Ref: Raithelhuber (1977, 1988, 1991, 2004).

**Hypholoma frowardii** (Speg.) Garrido, *Biblioth Mycol.* 99: 135, 1985.Bas: *Agaricus frowardii* Speg., 1887.= *Flammula frowardii* (Speg.) Sacc., 1891.= *Pholiota frowardii* (Speg.) E. Horak, 1967= *Naematoloma frowardii* (Speg.) E. Horak, 1980 [1979].

Dist: AP, TF

Ref: Gamundí &amp; Horak (2002), Horak (1967, 1980), Raithelhuber (1985, 1988, 1991, 2004), Singer (1950a, 1969), Spegazzini (1887a, 1925).

**Hypholoma intonsum** Pass., *Syll. fung.* 5: 1036, 1887.

Dist: BA

Ref: Spegazzini (1899).

**Hypholoma megapotamicum** (Speg.) Sacc, *Syll. fung.* 5: 1030, 1887.

Bas: *Agaricus (Hypholoma) fascicularis* Huds. \* *megapotamicum* Speg., 1881.

Dist: BA

Ref: Spegazzini (1881, 1899).

**Hypholoma myosotis** (Fr.) M. Lange, *Meddr Grønland* 148(2): 64, 1955.

Bas: *Agaricus myosotis* Fr., 1818.

= *Naematoloma myosotis* (Fr.) A.H. Sm., 1950.

= *Naematoloma myosotis* var. *lapponicum* (Fr.) Singer, 1952 [1951].

Dist: N, RN, TF

Ref: Horak (1980), Raithelhuber (1988, 1991, 2004), Singer (1954, 1969), Singer & Digilio (1952).

**Hypholoma nodipes** Speg., *Bol. Acad. Ci. (Córdoba)* 28: 335, 1926.

Dist: BA

Ref: Spegazzini (1926b).

**Hypholoma puiggarii** (Speg.) Raithelh., *Metrodiana* 11(2): 50, 1985.

Bas: *Flammula puiggarii* Speg., 1889.

= *Naematoloma puiggarii* (Speg.) Singer, 1969.

Dist: ER, BA

Ref: Raithelhuber (1985, 1988, 1991, 2000a, 2004), Singer (1969), Wright & Albertó (2002).

**Hypholoma radicosoides** Raithelh., *Metrodiana, Sonderh.* 4: 10, 1990.

Dist: TF

Ref: Raithelhuber (1990, 1991, 2004).

**Hypholoma stellula** Speg., *Anales Mus. Nac. Buenos Aires* 6: 150, 1899 [1898].

Dist: BA

Ref: Spegazzini (1899).

**Hypholoma sublateritium** (Schaeff.) Quél., *Mém. Soc. Émul. Montbéliard, Sér. 2* 5: 113, 1873 [1872].

Bas: *Agaricus sublateritius* Schaeff., 1774.

= *Naematoloma sublateritium* (Schaeff.) P. Karst., 1879.

Dist: BA, TF

Ref: Raithelhuber (2004), Ramadori (1985b), Singer (1954, 1969), Wright & Albertó (2002).

**Hypholoma sublateritium** var. **aranoides** Raithelh., *Fl. Mycol. Argentina*, Hongos III (Stuttgart): 228, 1991.

Dist: ND

Ref: Raithelhuber (1991).

Obs: Raithelhuber (1991) described this species from Argentina, but not specifically the province.

**Hypholoma trinitense** (Dennis) Pegler, *Kew Bull., Addit. Ser.* **9**: 509, 1983.

Bas: *Pholiota trinitensis* Dennis, 1970.

Dist: MNES

Ref: Lechner et al. (2006), Wright et al. (2008), Wright & Wright (2005).

**Kuehneromyces Singer & A.H. Sm. [= Pholiota (Fr.) P. Kumm.]**

**Kuehneromyces cystidiosus** Singer, *Sydowia* **7**: 221, 1953.

Dist: N, RN, TF

Ref: Horak (1980), Raithelhuber (1988, 1991, 2004), Singer (1953a, 1954, 1969), Singer & Digilio (1952).

**Kuehneromyces macrosporus** Singer, *Sydowia* **7**: 220, 1953.

Dist: N, RN, TF

Ref: Raithelhuber (1988, 1991, 2004), Singer (1953a, 1954, 1969), Singer & Digilio (1952).

**Kuehneromyces nudus** Singer, *Schweiz. Z. Pilzk.* **28**: 194, 1950.

Dist: T

Ref: Raithelhuber (1988, 1991, 2004), Singer (1950b), Singer & Digilio (1952).

**Kuehneromyces pseudoblattaria** E. Horak, *Darwiniana* **14**(2-3): 370, 1967.

Dist: CHU

Ref: Horak (1967).

**Melanotus Pat. [= Psilocybe (Fr.) P. Kumm.]**

**Melanotus cassiaecolor** (Berk.) Singer, *Sydowia* **6**(5-6): 348, 1952.

Bas: *Crepidotus cassiaecolor* (Berk.) Sacc., 1887.

Dist: T, N

Ref: Raithelhuber (2004), Singer (1969).

**Melanotus eccentricus** (Murrill) Singer, *Lilloa* **13**: 87, 1947.

Bas: *Crepidotus eccentricus* Murrill, 1917.

Dist: MNES

Ref: Wright & Wright (2005).

**Melanotus gayi** (Pilát) Singer, *Beih. Nova Hedwigia* **29**: 258, 1969.

Bas: *Crepidotus gayi* Pilát, 1950.

Dist: T, N, RN

Ref: Raithelhuber (1988, 1991), Singer (1969).

**Melanotus horizontalis** (Bull.) P.D. Orton, *Notes Roy. Bot. Gard. Edinburgh* **41**(3): 595, 1984.

Bas: *Agaricus horizontalis* Bull., 1788 [1787-88].

= *Naucoria horizontalis* (Bull.) Sacc., 1887.

Dist: BA

Ref: Spegazzini (1926b).

**Melanotus patagonicus** Singer, *Beih. Nova Hedwigia* **29**: 258, 1969.

Dist: N, RN

Ref: Raithelhuber (1988, 1991), Singer (1969).

**Melanotus polylepidis** Singer, *Beih. Sydowia* **7**: 84, 1973.

Dist: J

Ref: Raithelhuber (1988, 1991), Singer (1973).

**Melanotus subvariabilis** (Speg.) Singer, *Lilloa* **22**: 511, 1951 [1949].

Bas: *Claudopus subvariabilis* Speg., 1889.

Dist: "Argentina".

Ref: Farr (1973), Singer (1950a, 1953b).

### **Naematoloma P. Karst. [= Psilocybe (Fr.) P. Kumm.]**

**Naematoloma castilloi** Singer, *Beih. Nova Hedwigia* **29**: 236, 1969.

Dist: RN

Ref: Singer (1969).

**Naematoloma tortipes** (Speg.) Guzmán, *Mycotaxon* **6**(3): 476, 1978.

Bas: *Psilocybe tortipes* Speg., 1899.

Dist: BA

Ref: Farr (1973), Guzmán (1978), Spegazzini (1899).

### **Pachylepyrium Singer**

**Pachylepyrium fulvidula** (Singer) Singer, *Sydowia* **11**: 321, 1958 [1957].

Bas: *Phaeomarasmius fulvidulus* Singer, 1952 [1951].

Dist: T

Ref: Raithelhuber (1988, 1991, 2004), Singer & Digilio (1952).



**Phaeogalera Kühner**

**Phaeogalera stagnina** (Fr.) Pegler & T.W.K. Young, *Bull. Trimestriel Soc. mycol. France* **88**: 151, 1973.

Bas: *Agaricus stagninus* Fr., 1821.

= *Tubaria stagnina* (Fr.) Gillet, 1876.

= *Galerina stagnina* (Fr.) Kühner 187, 1935.

Dist: TF

Ref: Horak (1967, 1980), Raithelhuber (1988, 1991, 2004), Spegazzini (1922).

**Phaeomarasmius Scherff.**

**Phaeomarasmius ciliatus** Singer, *Sydowia* **7**: 250, 1953.

Dist: MNES, N, RN, TF

Ref: Horak (1980), Raithelhuber (1988, 1991, 2004), Singer (1953a, 1954, 1969), Singer & Digilio (1952), Wright et al. (2008), Wright & Wright (2005).

**Phaeomarasmius crystallophorus** (Speg.) Singer, *Lilloa* **25**: 389, 1952 [1951].

Bas: *Galera crystallophora* Speg., 1899 [1898].

Dist: BA

Ref: Farr (1973), Singer (1950a), Singer & Digilio (1952), Spegazzini (1899).

Obs: NVP

**Phaeomarasmius distans** (Peck) Singer, *Lilloa* **13**: 83, 1947.

Bas: *Cortinarius distans* Peck, 1873.

Dist: N, RN

Ref: Raithelhuber (1988, 1991, 2004), Singer (1954, 1969).

**Phaeomarasmius fuscomarginatus** Singer, *Beih. Nova Hedwigia* **29**: 294, 1969.

Dist: RN, TF

Ref: Horak (1980), Raithelhuber (1988, 1991, 2004).

**Phaeomarasmius limulatellus** Singer, *Sydowia* **7**: 254, 1953.

Dist: N, RN, TF

Ref: Horak (1980), Raithelhuber (1988, 1991, 2004), Singer (1953a, 1954, 1969), Singer & Digilio (1952).

**Phaeomarasmius malvacearum** Singer, *Lilloa* **25**: 389, 1952 [1951].

Dist: T

Ref: Raithelhuber (1988, 1991, 2004), Singer & Digilio (1952).

**Phaeomarasmium mucronosporus** Singer, *Beih. Nova Hedwigia* **29**: 293, 1969.  
Dist: N, RN, TF  
Ref: Horak (1980), Raithelhuber (1988, 1991, 2004), Singer (1969).

**Phaeomarasmium myrceugenellae** Singer, *Beih. Nova Hedwigia* **29**: 298, 1969.  
Dist: N  
Ref: Raithelhuber (1988, 1991, 2004), Singer (1969).

**Phaeomarasmium rostratus** Singer, *Sydowia* **7**: 252, 1953.  
Dist: N, RN, TF  
Ref: Singer (1953a, 1954, 1969), Singer & Digilio (1952).

**Phaeomarasmium subincarnatus** var. **gilvus** Singer, *Beih. Nova Hedwigia* **29**: 292, 1969.  
Dist: RN  
Ref: Raithelhuber (1988, 1991, 2004), Singer (1969).

### **Pholiota (Fr.) P. Kumm.**

**Pholiota abstrusa** (Fr.) Singer, *Lilloa* **22**: 516, 1951 [1949].  
Bas: *Agaricus abstrusus* Fr., 1874.  
= *Naucoria abstrusa* (Fr.) Sacc., 1887.  
Dist: TF  
Ref: Spegazzini (1925).

**Pholiota alnea** Singer, *Lilloa* **25**: 336, 1952 [1951].  
Dist: T  
Ref: Raithelhuber (1988, 1991, 2004), Singer & Digilio (1952).

**Pholiota apiahyna** Speg., *Bol. Acad. Nac. Ci. Republ. Argent.* **23**: 392, 1919.  
Dist: CBA, BA  
Ref: Farr (1973), Raithelhuber (1988, 1991, 2004), Singer (1950a).

**Pholiota ascophora** (Peck) Singer, *Beih. Nova Hedwigia* **29**: 266, 1969.  
Bas: *Agaricus ascophorus* Peck, 1871.  
Dist: T  
Ref: Raithelhuber (1988, 1991, 2004), Singer (1969).

**Pholiota aurantioalbida** Singer, *Beih. Nova Hedwigia* **29**: 259, 1969.  
Dist: RN, TF  
Ref: Horak (1980), Raithelhuber (1988, 1991, 2004), Singer (1969).

**Pholiota aurivella** var. **squarrosipes** Singer, *Lilloa* **25**: 335, 1952 [1951].

Dist: T

Ref: Raithelhuber (1988, 1991, 2004), Singer & Digilio (1952).

**Pholiota baeosperma** Singer, *Sydowia* **7**: 217, 1953.

Dist: N, RN, TF

Ref: Gamundí & Horak (2002), Horak (1980), Raithelhuber (1988, 1991, 2004), Singer (1953a, 1954, 1969), Singer & Digilio (1952).

**Pholiota bicolor** (Speg.) Singer, *Lilloa* **22**: 517, 1951 [1949].

Bas: *Flammula bicolor* Speg., 1889.

Dist: T

Ref: Farr (1973), Raithelhuber (1988, 1991, 2004), Singer & Digilio (1952).

**Pholiota calendulina** Singer, *Lilloa* **25**: 337, 1952 [1951].

Dist: T

Ref: Raithelhuber (1988, 1991, 2004), Singer & Digilio (1952).

**Pholiota chacoensis** Speg., *Bol. Acad. Ci. (Córdoba)* **28**: 309, 1926.

Dist: CH

Ref: Farr (1973), Singer (1950a, 1951), Spegazzini (1926b).

**Pholiota digiloi** Singer, *Lilloa* **25**: 498, 1952 [1951].

Dist: T

Ref: Raithelhuber (1988, 1991, 2004), Singer & Digilio (1952).

Obs: NVP

**Pholiota flavida** (Schaeff.) Singer, *Lilloa* **22**: 516, 1951 [1949].

Bas: *Agaricus flavidus* Schaeff., 1774.

= *Flammula flavida* (Schaeff.) Fr., 1801.

Dist: TF

Ref: Spegazzini (1926b).

**Pholiota formosa** Speg., *Bol. Acad. Ci. (Córdoba)* **28**: 311, 1926.

Dist: BA

Ref: Farr (1973), Singer (1950a, 1951), Spegazzini (1926b).

**Pholiota glutinigera** Singer, *Mycologia* **51**(4): 585, 1960.

Dist: T

Ref: Singer (1959).

**Pholiota gymnopiloides** Raithelh., *Hong. Argentin.* **1**: 147, 1974.

Dist: BA

Ref: Ramadori (1992), Raithelhuber (1974, 1988, 1991, 2004).

**Pholiota highlandensis** (Peck) A.H. Sm. & Hesler, *The North American species of Pholiota*: 287, 1968.

Bas: *Agaricus highlandensis* Peck, 1872 [1871].

= *Pholiota carbonaria* (Fr.) Singer, 1951 [1949].

Dist: T, BA, RN

Ref: Raithelhuber (1974, 1977, 1988, 1991, 2004), Singer (1969), Singer & Digilio (1952), Wright & Albertó (2002).

**Pholiota meliaphila** Raithelh., *Metrodiana, Sonderh.* **5**: 55, 2000.

Dist: BA

Ref: Raithelhuber (2000b, 2004).

**Pholiota megalosperma** Singer, *Sydowia* **7**: 216, 1953.

Dist: N, RN, TF

Ref: Horak (1980), Raithelhuber (1988, 1991, 2004), Singer (1953a, 1954, 1969), Singer & Digilio (1952).

**Pholiota microcarpa** Singer, *Beih. Nova Hedwigia* **29**: 277, 1969.

Dist: N, RN

Ref: Raithelhuber (1977, 1988, 1991, 2004), Singer (1969).

**Pholiota montana** Singer, *Mycopathol. Mycol. Appl.* **26**: 169, 1965.

Dist: RN, TF

Ref: Horak (1980), Raithelhuber (1988, 1991, 2004), Singer (1969).

**Pholiota novembris** Singer, *Beih. Nova Hedwigia* **29**: 267, 1969.

Dist: RN

Ref: Raithelhuber (1977), Singer (1969).

**Pholiota ochrospora** Raithelh., *Hong. Argentin.* **1**: 147, 1974.

Dist: BA

Ref: Ramadori (1992), Raithelhuber (1974, 1988, 1991, 2004).

**Pholiota privigna** (Speg.) Singer, *Kew Bull.* **15**(1): 139, 1961.

Bas: *Tubaria privigna* Speg., 1891.

Dist: TF

Ref: Farr (1973), Horak (1967, 1980), Raithelhuber (1988, 1991, 2004), Singer (1951, 1969), Spegazzini (1887b).

**Pholiota psathyrelloides** Singer, *Beih. Nova Hedwigia* **29**: 276, 1969.

Dist: N, RN, TF

Ref: Horak (1980), Raithelhuber (1977, 1988, 1991, 2004), Singer (1969).

**Pholiota pseudofascicularis** Speg., *Anales Mus. Nac. Buenos Aires* **6**: 122, 1899 [1898].

= *Inocybe caespitosella* Speg., 1926.

Dist: BA

Ref: Farr (1973), Raithelhuber (1991, 2004), Singer (1950a, 1951), Singer & Digilio (1952), Spegazzini (1899, 1926b).

**Pholiota spumosa** (Fr.) Singer, *Lilloa* **22**: 517, 1951 [1949].

Bas: *Agaricus spumosus* Fr., 1821.

= *Flammula spumosa* (Fr.) P. Kumm., 1871.

Dist: BA

Ref: Singer (1969), Spegazzini (1926b).

**Pholiota spumosa** var. **crassitunica** Singer, *Beih. Nova Hedwigia* **29**: 272, 1969.

Dist: BA, MZA, N, RN, TF, ANT

Ref: Raithelhuber (1974, 1977, 1988, 1991, 2004), Singer (1969).

**Pholiota subflammans** (Speg.) Sacc., *Syll. fung.* **9**: 91, 1891.

Bas: *Agaricus (Pholiota) subflammans* Speg., 1887.

Dist: N, RN, TF

Ref: Farr (1973), Horak (1967, 1980), Raithelhuber (1977, 1988, 1991, 2004), Singer (1950a, 1951, 1953a, 1969), Singer & Digilio (1952), Spegazzini (1887a, 1887b).

### **Pleuroflammula Singer**

**Pleuroflammula bruchii** (Speg.) Singer, *Lilloa* **23**: 218, 1952 [1950].

Bas: *Crepidotus bruchii* Speg., 1926.

Dist: CBA

Ref: Farr (1973), Singer (1947, 1950a), Singer & Digilio (1952), Spegazzini (1926a).

**Pleuroflammula croceosanguinea** (Mont.) Singer, *Beih. Nova Hedwigia* **29**: 283, 1969.

Bas: *Agaricus croceosanguineus* Mont., 1850.

Dist: N, RN

Ref: Horak (1978), Raithelhuber (1977, 1988, 1991), Singer (1969).

**Pleuroflammula ragazziana** (Bres.) E. Horak, *Persoonia* **9**(4): 443, 1978.

Bas: *Crepidotus ragazzianus* Bres., 1892.

= *Pleuroflammula hibernianus* (A. Pearson & Dennis) Singer, 1962 [1961].

Dist: ND

Ref: Singer (1969).

Obs: Singer (1969) cited this species from Argentina, but did not specify which province.

### **Psilocybe (Fr.) P. Kumm.**

**Psilocybe aggericola** Singer & A.H. Sm., *Mycologia* **50**(1): 142, 1958.

Dist: T

Ref: Guzmán (1978).

**Psilocybe alnetorum** (Singer) Singer, *Mycologia* **51**(4): 583, 1959.

Bas: *Deconica alnetorum* Singer, 1952 [1951].

Dist: J, T

Ref: Guzmán (1978), Raithelhuber (1988, 1991, 2004), Singer (1959), Singer & Digilio (1952).

**Psilocybe araucana** Singer, *Beih. Nova Hedwigia* **29**: 239, 1969.

Dist: N, RN

Ref: Raithelhuber (1977, 1988, 1991, 2004), Singer (1969).

**Psilocybe argentina** (Speg.) Singer, *Beih. Nova Hedwigia* **29**: 241, 1969.

Bas: *Deconica argentina* Speg., 1899.

Dist: BA

Ref: Farr (1973), Guzmán (1978), Raithelhuber (1974, 1988, 1991, 2004), Singer (1969), Spegazzini (1899).

**Psilocybe caerulescens** Murrill, *Mycologia* **15**(1): 20, 1923.

Dist: T

Ref: Singer & Digilio (1952).

**Psilocybe chrysocystidiata** Singer, *Beih. Sydowia* **7**: 82, 1973.

Dist: T

Ref: Raithelhuber (1991, 2004).

**Psilocybe collybioides** Singer & A.H. Sm., *Mycologia* **50**(1): 141, 1958.

Dist: T

Ref: Guzmán (1983).

**Psilocybe coprophila** (Bull.) P. Kumm., *Führ. Pilzk.* (Zwickau): 71, 1871.

Bas: *Agaricus coprophilus* Bull., 1793 [1792-93].

= *Deconica coprophila* (Bull.) Fr., 1821.

Dist: CBA, BA, TF, IM

Ref: Horak (1980), Raitelhuber (1988, 1991, 2004), Spegazzini (1887b, 1899, 1925, 1926a), Watling & Richardson (2010).

**Psilocybe cordobensis** Singer, *Beih. Sydowia* 7: 83, 1973.

Dist: J, CBA

Ref: Raitelhuber (1988, 1991, 2004), Singer (1973).

**Psilocybe cubensis** (Earle) Singer, *Sydowia* 2: 37, 1948.

Bas: *Stropharia cubensis* Earle, 1906.

Dist: ER, BA, IM

Ref: Guzmán (1978), Moreno & Albertó (1996), Singer (1960), Watling & Richardson (2010), Wright & Albertó (2002).

**Psilocybe dunicola** (Speg.) Singer, *Mycopathol. Mycol. Appl.* 34: 137, 1968.

Bas: *Stropharia dunicola* Speg., 1899.

Dist: BA

Ref: Farr (1973), Singer (1968, 1969), Spegazzini (1899).

**Psilocybe ecbola** (Fr.) Singer, *Beih. Nova Hedwigia* 29: 254, 1969.

Bas: *Agaricus inquilinus* var. *ecbolus* Fr., 1874.

Dist: N, RN

Ref: Raitelhuber (1977, 1988, 1991), Singer (1969).

**Psilocybe fuegiana** (E. Horak) Singer, *Beih. Nova Hedwigia* 29: 256, 1969.

Bas: *Deconica fuegiana* E. Horak, 1967.

Dist: N, TF

Ref: Horak (1980), Raitelhuber (1988, 1991, 2004), Singer (1969), Spegazzini (1925).

**Psilocybe hoogshagenii** R. Heim, *Rev. Mycol. (Paris)* 24: 103, 1959.

Dist: BA

Ref: Guzmán (1978).

**Psilocybe horakii** Guzmán, *Mycotaxon* 7(2): 244, 1978.

Dist: J

Ref: Guzmán (1978).

**Psilocybe inquilina** (Fr.) Bres., *Iconogr. Mycol. (Milan)* **18**: 863, 1931.

Bas: *Agaricus inquilinus* Fr., 1818.

= *Tubaria inquilina* (Fr.) Gillet, 1874.

Dist: S, AP

Ref: Raithelhuber (1991, 2004), Spegazzini (1909).

**Psilocybe jujuyensis** Singer, *Beih. Sydowia* **7**: 82, 1973.

Dist: J, CBA

Ref: Raithelhuber (1991, 2004), Singer (1973).

**Psilocybe mesospora** Singer, *Beih. Nova Hedwigia* **29**: 245, 1969.

Dist: N

Ref: Raithelhuber (1988, 1991), Singer (1969).

**Psilocybe moelleri** Guzmán, *Mycotaxon* **7**(2): 245, 1978.

= *Psilocybe merdaria* (Fr.) Ricken, 1912.

= *Stropharia merdaria* (Fr.) Quéél., 1872.

= *Psilocybe merdaria* var. *macrospora* (F.H. Møller) Singer, 1969.

Dist: S, T, BA, IM

Ref: Guzmán (1978), Horak (1967), Raithelhuber (1991, 2004), Singer (1969), Spegazzini (1899, 1926b), Watling & Richardson (2010).

**Psilocybe omiumsancorum** Singer, *Beih. Nova Hedwigia* **29**: 249, 1969.

Dist: N, RN

Ref: Raithelhuber (1977, 1988, 1991), Singer (1969).

**Psilocybe pegleriana** Guzmán, *Doc. Mycol.* **29**(116): 43, 2000.

Dist: CBA

Ref: Moyano & Daniele (2003).

**Psilocybe praetervisa** Singer, *Beih. Nova Hedwigia* **29**: 244, 1969.

Dist: N

Ref: Raithelhuber (1991, 2004), Singer (1969).

**Psilocybe pteridophytorum** Singer, *Mycologia* **51**(4): 582, 1960.

Dist: T

Ref: Singer (1959).

**Psilocybe squalens** (Fr.) P. Karst., *Syll. fung.* **5**: 1054, 1887.

Bas: *Agaricus squalens* Fr., 1838.

Dist: MNES

Ref: Spegazzini (1926b).



**Psilocybe squarrosipes** Singer, *Mycologia* **51**(4): 580, 1960.

Dist: T

Ref: Singer (1959).

**Psilocybe subalnetorum** Guzmán & E. Horak, *Mycotaxon* **7**(3): 521, 1978.

Dist: T

Ref: Guzmán & Horak (1978).

**Psilocybe subcoprophila** (Britzelm.) Sacc., *Syll. fung.* **11**: 72, 1895.

Bas: *Agaricus subcoprophilus* Britzelm., 1891.

= *Deconica subcoprophila* (Britzelm.) E. Horak, 1967.

Dist: TF, IM

Ref: Horak (1980), Raithelhuber (1988, 1991, 2004), Singer (1969), Watling & Richardson (2010).

**Psilocybe uda** (Pers.) Gillet, *Hyménomycètes* (Alençon): 586, 1878.

Dis: SC

Ref: Horak (1967).

Obs: According to Horak (1967) this species is a species dubiae.

**Psilocybe wrightii** Guzmán, *Mycotaxon* **7**(2): 251, 1978.

Dist: T

Ref: Guzmán (1978, 1983).

### **Stagnicola Redhead & A.H. Sm.**

**Stagnicola perplexa** (P.D. Orton) Redhead & A.H. Sm., *Can. J. Bot.* **64**(3): 645, 1986.

Bas: *Phaeocollybia perplexa* P.D. Orton, 1977.

= *Panaeolus sphinctrinus* var. *minor* (Fr.) Singer, 1960.

Dist: N

Ref: Singer (1969).

### **Stropharia (Fr.) Quél.**

**Stropharia aeruginosa** var. **neuquenensis** M.M. Moser & Singer, *Beih. Nova Hedwigia* **29**: 229, 1969.

Dist: N, RN

Ref: Raithelhuber (1977, 1988, 1991, 2004), Singer (1969).

**Stropharia agrocyboides** (Raithelh.) Raithelh., *Nueva Flora Micológica Argentina*: 243, 2004.

Bas: *Hypholoma agrocyboides* Raithelh., 1974.

Dist: BA  
Ref: Raithelhuber (1988, 1991, 2004).

**Stropharia aurantiaca** (Cooke) M. Imai, *J. Coll. Agric., Hokkaido Imp. Univ.* **43**: 267, 1938.  
Bas: *Agaricus thraustus* var. *aurantiacus* Cooke, 1885.  
Dist: BA  
Ref: Moreno & Albertó (1996).

**Stropharia bruchii** Speg., *Bol. Acad. Ci. (Córdoba)* **29**(2-3): 131, 1926.  
Dist: CBA  
Ref: Farr (1973), Spegazzini (1926a).

**Stropharia coronilla** (Bull.) Quél., *Mém. Soc. Émul. Montbéliard*, Sér. 2 **5**: 110, 1872.  
= *Agaricus coronilla* Bull. ex DC., 1805.  
Dist: T, CBA, BA, RN  
Ref: Ramadori (1992), Raithelhuber (1974, 1988, 1991, 2004), Singer (1969), Singer & Digilio (1952), Spegazzini (1926a), Wright & Albertó (2002).

**Stropharia coronilla** var. **magnispora** Raithelh., *Metrodiana South*. **5**: 54, 2000.  
Dist: BA  
Ref: Raithelhuber (2000b, 2004).

**Stropharia luteonitens** (Fr.) Quél., *Mém. Soc. Émul. Montbéliard*, Sér. 2 **5**: 112, 1872.  
Bas: *Agaricus luteonitens* Fr., 1832.  
Dist: BA  
Ref: Spegazzini (1899).

**Stropharia melanosperma** (Bull.) Gillet, *Hyménomycètes* (Alençon): 579, 1878.  
Bas: *Agaricus melanospermus* Bull. ex Pers., 1801.  
Dist: T, BA  
Ref: Albertó et al. (1996), Horak (1967), Raithelhuber (2004), Singer & Digilio (1952), Wright & Albertó (2002).

**Stropharia mitorhiza** Speg., *Bol. Acad. Ci. (Córdoba)* **28**: 333, 1926.  
Dist: BA  
Ref: Farr (1973), Spegazzini (1926b).

**Stropharia pampeana** Speg., *Anales Mus. Nac. Buenos Aires* **6**: 149, 1899.  
Dist: BA  
Ref: Farr (1973), Spegazzini (1899).

**Stropharia pendolae** (Speg.) Singer, *Sydowia* **15**: 69, 1962.

Bas: *Pilosace pendolae* Speg., 1926.

Dist: BA, "North Argentina"

Ref: Farr (1973), Raithelhuber (1991), Spegazzini (1926b).

**Stropharia purpureoaurantiaca** Raithelh., *Hong. Argentin.* **1**: 148, 1974.

Dist: BA

Ref: Ramadori (1992), Raithelhuber (1974, 1988, 1991, 2004).

**Stropharia purpureoaurantiaca** var. **magnispora** Raithelh., *Hong. Argentin.* **1**: 148, 1974.

Dist: BA

Ref: Raithelhuber (1974, 1991, 2004).

**Stropharia purpureoviolacea** Raithelh., *Hong. Argentin.* **1**: 148, 1974.

Dist: BA

Ref: Raithelhuber (1974, 1988, 1991, 2004).

**Stropharia rugosoannulata** Farl. ex Murrill, *Mycologia* **14**(3): 139, 1922.

= *Naematoloma ferrei* (Bres.) Singer, 1951.

Dist: T, MNES, BA

Ref: Raithelhuber (1974, 1988, 2004), Singer & Digilio (1952), Wright & Albertó (2002), Wright et al. (2008), Wright & Wright (2005).

**Stropharia rugosoannulata** var. **farlowiana** (Raithelh.) Raithelh., *Nueva Flora Micológica Argentina*: 243, 2004.

Bas: *Stroparia farlowiana* Raithelh., 2000.

Dist: BA

Ref: Raithelhuber (2000a, 2004).

**Stropharia semiglobata** (Batsch) Quél., *Mém. Soc. Émul. Montbéliard*, Sér. 2 **5**: 143, 1872.

Bas: *Agaricus semiglobatus* Batsch, 1786.

= *Stropharia stercoraria* (Schumach.) Quél., 1872.

Dist: S, T, MNES, CBA, BA, MZA, N, RN, TF, IM

Ref: Horak (1967, 1980), Niveiro et al. (2010), Ramadori (1985b, 1992), Raithelhuber (1991, 2004), Singer (1954, 1969), Singer & Digilio (1952), Spegazzini (1887a, 1887b, 1899, 1919, 1926a, 1926b), Watling & Richardson (2010), Wright & Albertó (2002).

**Stropharia umbonescens** (Britzelm.) Sacc. & Traverso, *Syll. fung.* **20**: 913, 1911.

Bas: *Agaricus umbonescens* Britzelm., 1893.

Dist: N, RN

Ref: Raithelhuber (1991, 2004), Singer (1954, 1969).

### General remarks

There are 251 species belonging to the families *Coprinaceae* and *Strophariaceae* recorded for Argentina. These 240 species are distributed in 21 genera: *Coprinellus* (14 species), *Coprinopsis* (13), *Coprinus* (33), *Lacrymaria* (1), *Panaeolus* (16), *Parasola* (3), *Psathyra* (2), *Psathyrella* (41), *Flammula* (8), *Hypholoma* (16), *Kuehneromyces* (4), *Melanotus* (7), *Naematoloma* (2), *Pachylepyrum* (1), *Phaeogalera* (1), *Phaeomarasmius* (10), *Pholiota* (28), *Pleuroflammula* (3), *Psilocybe* (29), *Stagnicola* (1) and *Stropharia* (18).

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