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# Read Book Key To Psathyrella And Related Species Vielepilze

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## A16 - WILSON MAGDALENA

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Most Psathyrellaceae basidiospores have germ pores, and the pigment in the spore walls bleaches in concentrated sulfuric acid. This contrasts with another phylogenetically unrelated dark-spored genus, *Panaeolus*. Psathyrellaceae are saprotrophs or rarely mycoparasites on other agarics (e.g. *Psathyrella epimyces*). They often occur in nitrogen-rich habitats such as muck soils, dung, wet soft decayed wood, lawns, garden soils.

### **Psathyrella and Panaeolus - Alpental**

Twenty seven species of *Psathyrella* have been found in North-east China. Amongst them, *P. conica*, *P. jilinensis*, *P. mycenoides* and *P. subsingeri* are described as new species, based on studying morphological characteristics and phylogenetic analyses. Detailed morphological descriptions, line drawings and photographs of the new species are presented.

### **The Genus Psathyrella (MushroomExpert.Com) impossible variability 1971b) (1972) species appendix, #177: Coprinoid Mushrooms - Fungus Fact Friday**

Bibliography - list of reference books, identification keys and field guides to used identify fungi recorded in the Outer Hebrides  
New and newly recorded species of *Psathyrella* (Psathyrellaceae, Agaricales) from Northeast China. *Phytotaxa*, 321(1), 139-150.  
Based on microscopic features

*Psathyrella*. *Psathyrella* is a large genus of about 400 species, and is similar to the genera *Coprinellus*, *Coprinopsis*, *Coprinus* and *Panaeolus*, usually with a thin cap and white or yellowish white hollow stem. The caps do not self digest as do those of *Coprinellus* and *Coprinopsis*. Some also have brown spores rather than black.

### **Bibliography Fungi Outer Hebrides**

These are very fragile mushrooms. In fact, one criteria for identification is that the mushroom does not survive the trip to bring it to an identifier. Psathyrellas are related to most inky caps, except they do not have the enzyme to turn to ink and the caps are not strongly striate.

### **Psathyrellaceae - Wikipedia**

Genera and species within the Psathyrellaceae. The Psathyrellaceae form a well-defined family including the eponymous Psathyrella, the 'crumble caps', well named because of their fragile caps, a consequence of the microscopic structure consisting of spherical cells (a hymeniderm) rather than hyphal strands that bind together. It includes most of the ink-cap species once placed in Coprinus.

References: Melzer (2018) Key to Psathyrella and related species Overall (2017) Fungi: Mushroom & Toadstools of parks, gardens, heaths and woodlands TOP Information

The genera Psathyrella and Panaeolus are sometimes included in the coprinoid mushrooms. I decided to include them here because they are closely related to the main group of coprinoid mushrooms and because they generally have darker spore prints than the strophariaceae.

348 PERSOONIA Vol. 8, Part4, 1976 Since sporeprints were often not available we always used spores from gills of mature carpophores, mounted in NH<sub>4</sub>OH 10% for measuring spores sizes and producing sporograms. We were careful to use only the darkest coloured (=ripest) spores, also for assessing the colour of the spores in water, NH<sub>4</sub>OH 10% and KOH 5% and the opacity in water. In the liter-

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**(PDF) PSATHYRELLA SALINA, NOUVELLE ESPÈCE DES MILIEUX ...**

**Psathyrella Genus - Mushroom**

**Psathyrella - Wikipedia**

**A new species of Psathyrella (Psathyrellaceae, Agaricales ...**

**Mushroom Observer: Observation 393023: Psathyrella senex ...**

×For the past several months the Mushroom Observer site has been extremely taxed by a series of users attempting to scrape data. MO has very limited resources.

**Genera and species within the Psathyrellaceae · iNaturalist**

### **Key To Psathyrella And Related**

The border line between Psathyrella and Panaeolus has always been confusing, even before contemporary DNA studies (see the linked page for more information), and we are learning that some species of Psathyrella are more closely related to coprinoid mushrooms in the genera Coprinellus and Coprinopsis than they are to some other species of Psathyrella. For more information see Matheny and collaborators 2006, Vasutova and collaborators 2008, and Padamsee and collaborators 2008.

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by Redhead et al.

### **PSATHYRELLA in the Pacific Northwest**

References: Melzer (2018) Key to *Psathyrella* and related species Overall (2017) Fungi: Mushroom & Toadstools of parks, gardens, heaths and woodlands TOP Information

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*Psathyrella* Genus Key to Gilled Mushrooms Key This is a key to gilled mushrooms, that is, mushrooms having a definite cap with a fertile surface consisting of gills. The fruiting body usually also has a stem, although that may be lateral or absent (usually, then, the mushroom is growing from wood).

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### **Mushroom Observer: Observation 394595: Psathyrella ...**

This lawn and garden dweller, formerly known as *Psathyrella velutina*, is widely distributed on the continent, and easily recognized by its dark, mottled gills, its nearly black spore print, its hairy ("fibrillose," in Mycologese) cap, and the ring zone on its stem.

### **Lacrymaria velutina (MushroomExpert.Com)**

PDF | On Jan 1, 2018, Micheline Broussal and others published PSATHYRELLA SALINA, NOUVELLE ESPÈCE DES MILIEUX HALOPHILES MÉDITERRANÉENS ... Key to *Psathyrella* and related species in *vielepilz* ...

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### **#177: Coprinoid Mushrooms - Fungus Fact Friday**

Morphological traits and phylogenetic analyses reveal that *Psathyrella* forms a strongly supported sister clade to *Hebeloma*, *Naucoria* and *Hymenogaster*. Morphologically *Psathyrella* resembles *He-*

*beloma*...

### **Psathyroma, a new genus in Hymenogastraceae described from ...**

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### **The Northeast Chinese species of Psathyrella (Agaricales ...**

Sporophores of a new *Psathyrella* species have been reported for the first time as growing at the base of *Cladiummariscus* culms in the Botanical Garden of the University of Calabria, Rende, Cosenza, southern Italy. The fungus was initially identified as *P. thujina* (= *P. almerensis*) by means of both ecology and macro- and microscopic characteristics of the basidiomes, then referred to *P. cladii* ...

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**Lacrymaria velutina (MushroomExpert.Com)**