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## Novelties in the Family *Psathyrellaceae*. Part VI

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### Key words:

*Psathyrellaceae*  
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*Coprinellus*  
*Narcissea*  
*Psathyrella* sect. *Spintrigerae*

**Abstract:** New combinations are proposed of taxa belonging to the family *Psathyrellaceae*. That of *Coprinellus hylaeus* proceeds from the application of the modern systematics by Redhead et al. (2001) to the classical generic use of the name *Coprinus*; the new combinations in *Psathyrella* reflects the application of the systematics proposed by Örstadius et al. (2015) to recently proposed new genera which are superfluous names for section *Spintrigerae* (Fr.) Konrad & Maubl which is typically characterized by absence of pleurocystidia and has a worldwide diffusion.

### TAXONOMIC NOVELTIES

#### New combinations

*Coprinellus hylaeae* (Singer) Voto, comb. nov. [IF559541]. Basionym: *Coprinus hylaeae* Singer, Nova Hedwigia **29**(1-2): 49. 1977.

#### NOTES

This is a good South American species morphologically close to *C. arenicola* Wartchow & A.R.P. Gomes from which differs for a number of characters such as oval and smaller, 7-8×4-5×4-4.5 µm, spores (against triangular, 7.6-9.6×6.1-7.6×4.6-6.1 µm spores), cheilocystidia only vesiculose (against pyriform to lageniform cheilocystidia), habitat on wood in tropical rainforest (against habitat on sandy soil).

*Narcissea cardiaspora* (Bender) Voto, comb. nov. [IF559542]. Basionym: *Coprinus cardiasporus* Bender, Zeitschrift für Mykologie **52**(1): 102. 1986.

*Psathyrella euryspora* (A. Karich, E. Büttner & R. Ullrich) Voto, comb. nov. [IF559543]. Basionym: *Candolleomyces eurysporus* A. Karich, E. Büttner & R. Ullrich, Österreichische Zeitschrift für Pilzkunde **28**: 85. 2020.

*Psathyrella floriformis* (Hauskn.) Voto, comb. nov. [IF559544]. Basionym: *Galerella floriformis* Hauskn., Österreichische Zeitschrift für Pilzkunde **12**: 34. 2003.

= *Hausknechtia floriformis* (Hauskn.) D. Wächt. & A. Melzer, Österreichische Zeitschrift für Pilzkunde **12**: 34. 2020.

*Psathyrella subcacao* (T. Bau & J.Q. Yan) Voto, comb. nov. [IF559545]. Basionym: *Candolleomyces subcacao* T. Bau & J.Q. Yan, MycoKeys **80**: 152. 2021.

*Psathyrella subminutispora* (T. Bau & J.Q. Yan) Voto, comb. nov. [IF559546]. Basionym: *Candolleomyces subminutisporus* T. Bau & J.Q. Yan, MycoKeys **80**: 155. 2021.

### REFERENCES

Örstadius L., Ryberg M, Larsson E (2015). Molecular phylogenetics and taxonomy in *Psathyrellaceae* (*Agaricales*) with focus on psathyrelloid species: introduction of three new genera and 18 new species. *Mycological Progress* **14**(5).  
Redhead SA, Vilgalys R, Moncalvo J-M et al. (2001). *Coprinus* Pers. and the disposition of *Coprinus* species sensu lato. *Taxon* **50**:203-241.