

THE NOMENCLATURE OF SPECIES OF *COPRINUS* RECORDED FROM SOUTH AUSTRALIAJ. A. Simpson¹ & C. A. Grgurinovic²¹Research Division, State Forests of N.S.W., P.O. Box 100, Beecroft 2119, Australia²Australian Biological Resources Study, GPO Box 787, Canberra 2601, Australia**Abstract**

The nomenclature of the species of *Coprinus* known from South Australia is revised and four new combinations are made.

Introduction

As a consequence of molecular studies the genus *Coprinus* Pers. has recently been greatly emended (Redhead *et al.* 2001). Most species of *Coprinus* have been transferred to the new family *Psathyrellaceae* and the genera *Coprinellus* P. Karst., *Coprinopsis* P. Karst. and *Parasola* Redhead, Vilgalys & Hopple. *Montagnea* Fr. is a statismosporic genus closely related to *Coprinus s. str.* (Redhead *et al.* 2001). This has made it necessary to revise the nomenclature of the species of *Coprinus* and *Montagnea* reported from South Australia by Grgurinovic (1997).

Agaricaceae

Coprinus comatus (O. F. Müll. : Fr.) Pers., Tentamen Disp. Meth. Fungorum p. 67 (1797)

Coprinus sterquilinus (Fr. : Fr.) Fr., Epicr. Syst. Mycol. p. 242 (1838)

Montagnea arenaria (DC) Zeller var. *macrospora* D. A. Reid & Eicker, *South African J. Bot.* **57**, 166 (1991)

Montagnea haussknechtii Rab., Sitzungs-Ber. Naturwiss. Ges. Isis Dresden p. 8 (1870)

Psathyrellaceae

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

= *Coprinus disseminatus* (Pers. : Fr.) S.F. Gray

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

= *Coprinus ephemerus* (Bull. : Fr.) Fr.

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

= *Coprinus truncorum* Scop. : Fr.

Coprinopsis karwinicola (Grgurinovic) J.A. Simpson & C.A. Grgurinovic, **comb. nov.**

Basionym: *Coprinus karwinicola* Grgurinovic, *Larger Fungi of South Australia* p. 473 (1997)

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

= *Coprinus niveus* (Pers. : Fr.) Fr.

Coprinopsis radicans (Cleland) J.A. Simpson & C.A. Grgurinovic, **comb. nov.**

Basionym: *Coprinus sterquilinus* var. *radicans* Cleland, *Toadst. Mushr. South Australia* p.159, (1934–1935)

= *Coprinus radicans* (Cleland) Grgurinovic, *Larger Fungi of South Australia* p. 469 (1997)

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

= *Coprinus plicatilis* (Curtis : Fr.) Fr.

Parasola subpronus (Cleland) J.A. Simpson & C.A. Grgurinovic, **comb. nov.**

Basionym: *Psathyrella subprona* Cleland, *Trans. Roy. Soc. South Australia* **51**, 306 (1927)

= *Coprinus subpronus* (Cleland) Grgurinovic, *Larger Fungi of South Australia* p. 475 (1997)

Parasola virgulacolens (Cleland) J.A. Simpson & C.A. Grgurinovic **comb. nov.**

Basionym: *Coprinus virgulacolens* Cleland, *Trans. Roy. Soc. South Australia* **57**, 194 (1933)

References

- Grgurinovic, C.A. (1997). *Larger Fungi of South Australia*. The Botanic Gardens of Adelaide and State Herbarium and the Flora and Fauna of South Australia Handbooks Committee, Adelaide, Australia.
- Redhead, S.A., Vilgalys, R., Moncalvo, J.-M., Johnson, J. & Hopple, J.S. Jr. (2001). *Coprinus* Pers. and the disposition of *Coprinus* species *sensu lato*. *Taxon* **50**, 203–241.