

LYCOPERDACEAE—GASTEROMYCETES

AUTHOR CITATION AND PUBLICATION DATE OF THE NAME *CALVATIA CRANIIFORMIS*

In the course of our taxonomic studies on the genus *Calvatia* Fr. emend. Morgan in southern Africa, we occasionally come across interesting nomenclatural inconsistencies. An important and noteworthy case addressed in this contribution concerns the origin of the name *Calvatia craniiformis*, the type of the genus *Calvatia* Fr., a conserved generic name. Originally described as *Bovista craniiformis* by Von Schweinitz (1832), this taxon has subsequently been treated as a member of *Calvatia*.

Throughout the literature, Fries (1849: 442), where the genus *Calvatia* was first established, is consistently cited also as the place of valid publication of the combination *Calvatia craniiformis*. In terms of ICBN Article 33.1 (Greuter *et al.* 2000: 56), however, that is incorrect, since, when Fries (1849) established the genus *Calvatia*, he merely remarked: '*Hujus loci Bovista cranif. Schw.*', and nowhere in the original publication did he actually definitely associate the specific epithet *craniiformis* with the genus name *Calvatia* or its abbreviation as required by Art. 33.1. Two similar cases are discussed in Art. 33.1, Ex. 2, which make it very clear that the name *Calvatia craniiformis* was not validly published in Fries (1849).

As far as we could ascertain, the combination *Calvatia craniiformis* was first validly published by De Toni (1888: 106) in Saccardo's *Sylloge fungorum* 7. Although De Toni also ascribed this name to Fries (1849), it should be cited either as *Calvatia craniiformis* (Schwein.) Fr. ex De Toni or merely as *Calvatia craniiformis* (Schwein.) De Toni, and not as *Calvatia craniiformis* (Schwein.) Fr. as has been the exclusive practice in the past.

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J.C. COETZEE* and A.E. VAN WYK**

* Department of Horticulture and Food Technology, Peninsula Technikon, P.O. Box 1906, 7535 Bellville.

** H.G.W.J. Schweickerd Herbarium, Department of Botany, University of Pretoria, 0001 Pretoria.
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