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Molecular analyses have revealed a clade which equates with the genus name *Mycetinis* Earle. An overall survey of this genus, however, has not been forthcoming. The current study summarizes taxa which are placed in *Mycetinis* based on morphological and/or molecular data. Fifteen taxa are accepted: *Mycetinis scorodonius* f. *diminutivus* and *Mycetinis yunnanensis* are proposed as new, while *Mycetinis cinnamomeus*, *Mycetinis olidus*, *Mycetinis prasiosmus*, *Mycetinis subalpinus* and *Myctinis virgultorum* are newly recombined binomials. Phylogenies based on molecular data show overall disposition in Omphalotaceae, Gymnopus and allied genera, and taxa of *Mycetinis*.

AN INVESTIGATION ON MYCETINIS (EUAGARICS, BASIDIOMYCOTA)

RONALD H. PETERSEN, KAREN W. HUGHES



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