



DNA sequences show that the traditional genus *Micromphale* appears to be polyphyletic. Nuclear ribosomal LSU and ITS DNA sequences place *Micromphale* sect. *Perforantia* Singer (typus sect. *M. perforans*) within *Gymnopus*, comprising a clade sister to a mixture of traditional *Gymnopus* taxa including *G. fusipes* (typus generis) plus traditional *Marasmius* sect. *Androsacei*. This study enlarges sect. *Perforantia* and shows that sect. *Perforantia* is a clade separate from those including *Micromphale* sect. *Micromphale* and sect. *Rhizomorphigena*. A new subsection *Pinophili* is proposed to include new species *G. pinophilus* and *G. ponderosae*. Eleven taxa are accepted at species rank, of which nine are proposed as new, mostly morpho-taxa.

MICROMPHALE SECT. PERFORANTIA (AGARICALES, BASIDIOMYCETES); EXPANSION AND PHYLOGENETIC PLACEMENT

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For those who want their work rapidly known to the World !

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