

Research article

Pseudosperma brunneopilosum, a new species of Inocybaceae from West Africa

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A new species of *Pseudosperma* is described based on collections recently made in Benin in West Africa. *Pseudosperma brunneopilosum* sp. nov. occurs in forests dominated by ectomycorrhizal Fabaceae *Isoberlinia* and Phyllanthaceae *Uapaca* trees. Phylogenetic analysis of combined ITS-LSU-RPB2-TEF1 gene regions shows that *P. brunneopilosum* is unrelated and distinct from several recently described species of *Pseudosperma* also from West Africa. Complete descriptions and illustrations, including photographs and line drawings are presented.

Keywords: Benin, ectomycorrhizal fungi, molecular systematics, phylogeny,