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Monodoreae (Annonaceae) is a tribe composed of 11 genera and 90 species restricted to the tropical African rain forests. All the genera are taxonomically well circumscribed except the species rich genera *Uvari dendron* and *Uvariopsis* which lack a recent taxonomic revision. Here, we inferred the phylogenetic tree of the Monodoreae based on a robust phylogenomics approach with more than 300 nuclear genes, and test the limits between the genera and species. We erect a new tribe, Ophrypetaleae, to accommodate the genera *Ophrypetalum* and *Sanrafaelia*, as we recover them excluded from the Monodoreae tribe with good support. We reinstate the monotypic genus *Dennettia* for its single species *Dennettia tripetala*. Our results support the description of several new species of *Uvari dendron* and *Uvariopsis*, as well as new synonymies. Finally, we present a taxonomic revision of the genera *Dennettia*, *Uvari dendron* and *Uvariopsis*, which contain one, 18 and 17 species respectively. We provide a key to the 11 genera of the Monodoreae and describe four new species to science and provide provisional descriptions of three putatively new species. We also present lectotypifications and nomenclatural changes implying synonymies and new combinations.

PHYLOGENOMIC INFERENCE OF THE AFRICAN TRIBE MONODOREAE (ANNONACEAE) AND TAXONOMIC REVISION OF *DENNETTIA*, *UVARIODENDRON* AND *UVARIOPSIS*

BY
LÉO-PAUL M. J. DAGALLIER, FRANK M. MBAGO,
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Uvariopsis lovettiana Couvreur & Q. Luke

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

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