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Geometric morphometrics nesomyinae rodent skulls V.2

Lea Terray, Christiane Denys, Steven Goodman, Voahangy Soarimalala, Aude Lalis, Raphaël Cornette[1],
christiane.denys [1]
[1]ISYEB MNHN

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christiane.denys

Here we aim to define how skull morphology in an endemic and monophyletic clade of rodents (subfamily Nesomyinae), which show considerable morphological variation and are largely forest-dwelling, has evolved and to characterize this disparity in a phylogenetical and ecological context. We performed a two-dimensional geometric morphometric analysis on 371 dorsal and 400 ventral skull images comprising all nine extant endemic genera (26 different species) and tested the influence of ecological parameters in a phylogenetic context on size and shape.

Figure_1.pdf mada-rodent-leaterray-REVISED-protocole.docx Supplementary_Tables_REVISED3.LAST.docx

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christiane.denys

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Skull morphological evolution in Malagasy endemic Nesomyinae rodents

geometric morphometrics protocols, neomyine skulls, Madagascar

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@Christiane Denys

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