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A new *Eliomys* from the Late Miocene of Spain, and its implications for the phylogeny of the genus

Samuel Mansino, Antonio García-Alix, Francisco J. Ruiz-Sánchez, and Plinio Montoya
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In this paper, we describe a previously unknown species of the glirid *Eliomys* from the Late Miocene and Early Pliocene Cabriel, Alcoy and Granada basins of southeastern Spain. *Eliomys yevesi* sp. nov. is characterized by its relative small size, narrow lingual wall and common presence of two centrolophs in the upper molars, and well-developed centrolophids in the lower molars. The new species is the probable ancestor of *E. intermedius*, which in turn represents the ancestor of the extant *E. quercinus*. According to its morphologic and biometric features, the origin of *E. yevesi* sp. nov. is likely to be found in some population of *E. truci* from the Late Miocene. Based on these affinities, we propose the lineage *E. truci–E. yevesi* sp. nov.*–E. intermedius–E. quercinus*, in which there is a trend towards the development of centrolophs, as well as the reduction of accessory crests.

Key words: Mammalia, Rodentia, Gliridae, *Eliomys*, Late Miocene, Spain.

Samuel Mansino [samuel.mansino@uv.es] and Plinio Montoya [plinio.montoya@uv.es], Departament de Geologia, Universitat de València, 46100 Burjassot, Spain; Antonio García-Alix [agalix@ugr.es], Instituto Andaluz de Ciencias de la Tierra (IACTCSIC-UGR), Consejo Superior de Investigaciones Científicas, Universidad de Granada, Avenida de las Palmeras nº 4 18100 Armilla, Granada, Spain; Francisco J. Ruiz-Sánchez [francisco.ruiz@uv.es], Departament de Geologia, Universitat de València, 46100 Burjassot, Spain; and Museu Valencià d'Història Natural, L'Hort de Feliu, P.O. Box 8460, Alginet, Valencia, 46018, Spain.

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