

NEW APLODONTID RODENTS (MAMMALIA) FROM THE OLIGOCENE
(ORELLAN AND WHITNEYAN) OF SLIM BUTTES, SOUTH DAKOTA

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ABSTRACT

Five new species, including two new genera, of aplodontids are named from the late Orellan to Whitneyan of Slim Buttes, South Dakota. A new genus *Dakotamys* is named and two species are assigned to it, *D. lillegraveni* n. sp. and *D. pelycomyoides* n. sp. This genus appears closely related to *Pelycomys* Galbreath and may have been derived from that genus. The Orellan *Haplomys galbreathi* n. sp. is the earliest record of this genus, previously known only from the Whitneyan. *Allomys storeri* n. sp. from the Whitneyan, is the earliest species of this genus and may be ancestral to all later North American allomyines. A second new genus, represented by a single species, *Leptoromys wilsoni* n. sp. is also described. A single specimen from Nebraska may represent an additional species referable to *Leptoromys*. The recognition of these new species adds to the known diversity of aplodontids during the Orellan and Whitneyan.