

**MAMMALS FROM THE BLUE ASH LOCAL FAUNA (LATE OLIGOCENE), SOUTH DAKOTA.  
RODENTIA, PART 1: FAMILIES EUTYPOMYIDAE, EOMYIDAE, HELISCOMYIDAE,  
AND *ZETAMYS***

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ABSTRACT

More than twenty species of rodents have been listed from the Blue Ash local fauna of South Dakota in preliminary surveys, but only four species have been formally identified and described. Species of rodents from the families Eutypomyidae, Eomyidae, and Heliscomyidae are described here. There are one species of eutypomyid, *Eutypomys wilsoni* (new species); three species of eomyids, *Paradjidaumo* sp., *Leptodontomys* sp. cf. *L. douglassi*, and *Zophoapeomys indicus* (new genus and species); and two heliscomyids, *Heliscomys medius* (new species) and *Heliscomys* sp. An additional specimen of the problematical rodent *Zetamys* sp. is also cited. This increases the number of described taxa from the Blue Ash fauna to seven. There appears to be some ambiguity as to the age of the fauna, latest Whitneyan or earliest Arikareean. Unfortunately, the species described here (and previously) are unique to this fauna and cannot be used to correlate with other North American faunas to determine the exact biostratigraphic age.