

Journal of Mammalogy

Volume 94 Number 5 October 2013



www.mammalogy.org

American Society of Mammalogists

Leading the science of mammalogy
since 1919

Journal of Mammalogy

An Official Publication of the
American Society of Mammalogists



Volume 94, Number 5

15 October 2013

CONTENTS

FEATURE ARTICLES

- A new species of shrew-opossum (Paucituberculata: Caenolestidae) with a phylogeny of extant caenolestids—Reed Ojala-Barbour, C. Miguel Pinto, Jorge Brito M., Luis Albuja V., Thomas E. Lee, Jr., and Bruce D. Patterson 967
- Thomomys nayarensis*, a new species of pocket gopher from the Sierra del Nayar, Nayarit, Mexico—Verity L. Mathis, Mark S. Hafner, David J. Hafner, and James W. Demastes 983
- A new genus for the Andean mice *Akodon latebricola* and *A. bogotensis* (Rodentia: Sigmodontinae)—Diego F. Alvarado-Serrano and Guillermo D'Elia 995
- Phylogeography of the western jumping mouse (*Zapus princeps*) detects deep and persistent allopatry with expansion—Jason L. Malaney, Chris J. Conroy, Lena A. Moffitt, Harmony D. Spoonhunter, James L. Patton, and Joseph A. Cook 1016
- Genetic characterization of the Pacific sheath-tailed bat (*Emballonura semicaudata rotensis*) using mitochondrial DNA sequence data—Sara J. Oyler-McCance, Ernest W. Valdez, Thomas J. O'Shea, and Jennifer A. Fike 1030
- The impact of genetic restoration on cranial morphology of Florida panthers (*Puma concolor coryi*)—Kyle T. Finn, Marc A. Criffield, Dave P. Onorato, and David L. Reed 1037
- Linking intraspecific variation in territory size, cone supply, and survival of North American red squirrels—Jalene M. LaMontagne, Cory T. Williams, Jenna L. Donald, Murray M. Humphries, Andrew G. McAdam, and Stan Boutin 1048
- Landscape-scale features affecting small mammal assemblages on the northern Great Plains of North America—Leanne M. Heisler, Christopher M. Somers, Troy I. Wellicome, and Ray G. Poulin 1059
- Food restriction affects the maternal behavior provided by female meadow voles (*Microtus pennsylvanicus*)—Ramona M. Sabau and Michael H. Ferkin 1068
- Demographic responses of plateau pikas to vegetation cover and land use in the Tibetan Autonomous Region, China—Migmar Wangdwei, Brian Steele, and Richard B. Harris 1077

JOURNAL OF MAMMALOGY (ISSN 0022-2372) is an official publication of the American Society of Mammalogists and is published 6 times per year in February, April, June, August, October, and December. Publishing services are provided by Allen Press Publishing Services, 810 East 10th Street, Lawrence, KS 66044. Member subscription prices for 2013 are \$75.00 for members and \$55.00 for students for print and online access for *Journal of Mammalogy* and online access only for *Mammalian Species*; rates for online access only to both publications are \$55.00, \$20.00 for members in developing countries. Institutional subscriptions in 2013 are \$312.00 for U.S. print and online access to the *Journal*, \$111.00 for online-only access to *Mammalian Species*, or \$461.00 outside the United States for both publications. Subscriptions, changes of address, and requests for missing issues should be sent to *Journal of Mammalogy*, Allen Press Association Management Services, 810 East 10th Street, P.O. Box 1897, Lawrence, KS 66044-8897; 785-843-1234; FAX 785-843-1274; asm@allenpress.com. A "claim" is hereby defined as a request by a subscriber of a publication due to damage, faulty copy or non-receipt. All claims must be submitted via mail, fax or email. All claim requests must be received within two months of the journal mail date for United States addresses and four months for non-United States addresses. If claim is approved, replacement issue(s) will only be provided once. After initial replacement, the issue must be purchased. The maximum that can be claimed per subscription term is 2. Specific membership concerns should be sent to the Secretary-Treasurer, at ron.van_den_bussche@okstate.edu. Periodicals postage paid at Lawrence, KS. POSTMASTER: Send address changes to *Journal of Mammalogy*, Allen Press Association Management Services, 810 East 10th Street, P.O. Box 1897, Lawrence, KS 66044-8897.

Movements and burrow use by northern grasshopper mice as a possible mechanism of plague spread in prairie dog colonies— <i>John P. Kraft and Paul Stapp</i>	1087
Hierarchical fruit selection by Neotropical leaf-nosed bats (Chiroptera: Phyllostomidae)— <i>Tiago Y. Andrade, Wibke Thies, Patricia K. Rogeri, Elisabeth K. V. Kalko, Marco A. R. Mello</i>	1094
Marine and terrestrial food sources in the diet of the fish-eating myotis (<i>Myotis vivesi</i>)— <i>Aída Otálora-Ardila, L. Gerardo Herrera M., José Juan Flores-Martínez, and Christian C. Voigt</i>	1102
Prey availability and foraging activity of grassland bats in relation to urbanization— <i>Joanna L. Coleman and Robert M. R. Barclay</i>	1111
Indo-Pacific humpback dolphins (<i>Sousa chinensis</i>) assist a finless porpoise (<i>Neophocaena phocaenoides sunameri</i>) calf: evidence from Xiamen waters in China— <i>Xianyan Wang, Fuxing Wu, Jianfeng Mou, and Qian Zhu</i>	1123
Anthropogenic and physiologically induced stress responses in captive coyotes— <i>Christopher J. Schell, Julie K. Young, Elizabeth V. Lonsdorf, and Rachel M. Santymire</i>	1131
Diets of sympatric red wolves and coyotes in northeastern North Carolina— <i>Justin M. McVey, David T. Cobb, Roger A. Powell, Michael K. Stoskopf, Justin H. Bohling, Lisette P. Waits, and Christopher E. Moorman</i>	1141
Indirect evidence of prey-switching in minks: empirical evidence, theoretical modeling, and spatial drivers— <i>Mekala Sundaram, Janna R. Willoughby, and Bradley J. Swanson</i>	1149
An evaluation of a weaning index for wild fishers (<i>Pekania [Martes] pennanti</i>) in California— <i>Sean M. Matthews, J. Mark Higley, John T. Finn, Kerry M. Rennie, Craig M. Thompson, Kathryn L. Purcell, Rick A. Sweitzer, Sandra L. Haire, Paul R. Sievert, and Todd K. Fuller</i>	1161
Space use, habitat selection, and day-beds of the common palm civet (<i>Paradoxurus hermaphroditus</i>) in human-modified habitats in Sabah, Borneo— <i>Yoshihiro Nakashima, Miyabi Nakabayashi, and Jumrafiha Abd. Sukor</i>	1169

REVIEW

Return to the Sea: The Life and Evolutionary Times of Marine Mammals by A. Berta— <i>J. G. M. Thewissen</i> ...	1179
---	------

BOOKS RECEIVED	1180
----------------------	------

STUDENT PROGRAMS	1181
------------------------	------

COMMENTS AND NEWS	1182
-------------------------	------

Front Cover—A new species of shrew-opossum from the eastern Andes of Ecuador is described. The new species, *Caenolestes sangay*, was trapped in Parque Nacional Sangay, a UNESCO World Heritage Site that encompasses a vast elevational gradient in the eastern slopes of the Andes. Small mammal trapping was conducted in cloud forests along a recently opened highway that bisects the park. New road construction and associated land conversion threatens remaining cloud forests in southeastern Ecuador. An article with the new species description and a phylogeny of extant caenolestids by Ojala-Barbour et al. can be found on pages 967-982. Photo by Jorge Brito M.

