

AMERICAN SOCIETY OF MAMMALOGISTS

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Grants-in-Aid Annual Report 2003

Committee Members: L. N. Carraway, B. J. Danielson, J. W. Demastes, T. L. Derting, J. W. Dragoo, C. W. Edwards, S. D. Gehrt, E. J. Heske (Chair), D. W. Kaufman, D. A. Kelt, C. W. Kilpatrick, J. L. Koprowski, A. Kurta, N. D. Moncrief, W. E. Sera, F. A. Smith, N. G. Solomon, M. A. Steele, S. J. Steppan, R. D. Stevens, K. D. Stone, P. D. Sudman, F. W. Weckerly, P. A. Zollner

Information Items:

1. Application forms and guidelines for the grants-in-aid and fellowships, including the new American Society of Mammalogists Fellowship in Mammalogy, were revised and posted on the GIA Committee web page (thanks again to Sue McLaren). The deadline for grants-in-aid proposals was set at March 1 to accommodate committee members and applicants with early field seasons, and that for fellowships was set at May 1.

2. Membership on the committee was changed slightly, with 3 members retiring (Jenkins, Keesing, Van Den Bussche), and 5 new members being added (Demboski, Koprowski, Moncrief, Solomon, Weckerly). Committee membership stabilized at 24 active members for 2003, plus the chair.

3. Eighty-seven (yes, 87!) grant proposals were received from students in 2003 (up 20 from 2002). Each proposal was evaluated by 10 committee members. This year, the maximum allowable request was raised to \$1500, and most applicants took advantage of the new limit. The committee ranked the proposals, and the top 27 were identified for funding (\$37,500 was available for support). As usual, committee members were impressed by the high quality of the proposals and found the ranking process difficult. Names of the grant recipients for 2003 follow at the end of this report.

4. We received 7 applications for fellowships in mammalogy (8 were received in 2002). Following tradition, the fellowship applications were distributed to the entire committee and the nominees will be determined at a meeting of the committee at the annual meeting of ASM. The fellowship winners will be announced at the banquet at the annual meeting of ASM in June. The American Society of Mammalogy Fellowship in Mammalogy will be \$14,000, and the Albert R. and Alma Shadle Fellowship in Mammalogy will be \$4,493 in 2003.

Action items:

1. The Grants-in-Aid Committee recommends that ASM move towards electronic submission of proposals and applications. We had hoped to do this last year, and will try again this year. This change would reduce the amount of paper used, eliminate postage

charges for applicants (now considerable, given the large number of copies requested per application), reduce processing and handling time by the committee chair when circulating proposals and applications for review, and eliminate postage charges borne by the chair's institution or ASM (about \$250).

2. Although not included in our 2004 budget request, I believe there will be some discussion about continuing to raise the amount of the ASM Fellowship, within the budget constraints of ASM.

Respectfully Submitted
Ed Heske, Chair
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2003 American Society of Mammalogists Grant-in-Aid Recipients

Leslie M. Turner. University of California, San Diego. The role of sperm competition in reproductive isolation: The evolution of ZP3 in monogamous and promiscuous species of *Peromyscus*. \$1500 (Horner Award Winner, receives an additional \$250 = \$1750 total)

Suzanne Cox Griffin. University of Montana. Connectivity in a heterogeneous landscape: the genetics and dynamics of Olympic marmots. \$1500

Carrie E. DeJaco. University of Illinois Urbana-Champaign. Influence of small mammals on development and maintenance of grassland communities. \$1500

Jill A. Holliday. Florida State University. Combined evidence phylogeny of aeluroid Carnivora and the effects of specialization on diversification. \$1500

Amy B. Pedersen. University of Virginia. Intestinal parasites, acorn masts, and population dynamics of *Peromyscus*. \$1416

Joshua R. Whorley. University of Washington. Gene flow between two genetically distinct clades of Antelope ground squirrels? \$1500

Krista Jones. University of California, Davis. A foundation for multiple-species management: the ecology of the island spotted skunk (*Spilogale gracilis amphiala*) in relation to the island fox (*Urocyon littoralis*). \$1460

Jason South. University of Maryland, College Park. Mating system, dispersal, and conservation of Bornean tree shrews. \$1500

Jacob R. Goheen. University of New Mexico. Are desert woodrats (*Neotoma lepida*) in Death Valley semelparous? \$1250

Jessica Pearce. University of Utah. The interaction between resource availability and plant cover in pathogen transmission: hantavirus and deer mice. \$1500

Quincy Anne Gibson. Georgetown University. The development of calf association patterns in wild bottlenose dolphins (*Tursiops* sp.) in Shark Bay, Western Australia. \$1500

Eva-Marie Muecke. Michigan State University. Does dispersal age influence male fitness? \$934

Eli Rudinow Saetnan. University of Illinois Urbana-Champaign. The interaction of Arvicoline rodents, sheep, and alpine plant communities. \$1500

Jessica L. Blois. Humboldt State University. The effects of habitat fragmentation on the demographic and genetic structure of a temperate rainforest endemic, the Sonoma tree vole (*Arborimus pomo*). \$1450

Larisa E. Harding. University of New Mexico. Speciation and biodiversity: phylogeography and population genetics of *Mustela frenata*. \$1500

Debra M. Shier. University of California, Davis. No title...2001 one was Development of anti-predator behavior in the black-tailed prairie dog as it applies to reintroduction strategies. \$1500

Alisse Garner. University of Idaho. The Idaho ground squirrel: understanding fragmentation and genetics. \$1500

Christine A. S. Turnbull. University of Utah. Dynamics of disease transmission in disturbed environments. \$1450

Diego Astua de Moraes. Universidade de Sao Paulo. Shape evolution in the skull, scapula, and pelvis of New World marsupials. \$1430

Nathanael I. Lichti. Portland State University. Ecology of small mammal communities in urban forest fragments of Portland, Oregon. \$1380

Susan W. Murray. Boston University. Resource partitioning of a pair of cryptic bat species in Malaysia. \$1500

Jaime Tanner. Michigan State University. Ontogenetic constraints on feeding performance in the spotted hyaena (*Crocuta crocuta*). \$1500

Yair Chaver. University of Nevada, Reno. Impacts of habitat spatial configuration on population genetics and dynamics in the North American pika (*Ochotona princeps*). \$1400

Sandra Leslie Peters. University of Toronto. Effects of selective logging on bat communities in southeastern Amazonia, Brazil. \$1400

Andrea Putnam. Columbia University. Genetic population structure of the swift fruit bat, *Throopterus nigrescens*, in Sulawesi, Indonesia. \$1400

Aaron Rundus. University of California, Davis. Effects of a ground squirrel infrared signal on rattlesnake predatory behavior. \$1400

Jennifer Verdolin. State University of New York at Stony Brook. Variation in the social structure and mating system of Gunnison's and Black-tailed prairie dogs. \$1400