

CURRICULUM VITÆ

Luis A. Ruedas

GENERAL INFORMATION:

Address (w): Portland State University
Department of Biology
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EDUCATION:

Fordham University: 1981–1984; B.Sc. in Biological Sciences (organismal biology), May 1984.
Fordham University: 1984–1986; M.Sc. in Biological Sciences, May 1986. Thesis: “Chromosomal variability in the New England cottontail, *Sylvilagus transitionalis* (Bangs, 1895) with evidence for the recognition of a new species.”
Texas A&M University: 1986–1992; Ph.D. in Wildlife and Fisheries Sciences, December 1992.
Dissertation: “Genome size evolution in the Class Mammalia.”

PROFESSIONAL POSITIONS:

current: Chair, Portland State University, Department of Biology, September 2023–present
current: Professor, Portland State University, Department of Biology, September 2018–present
current: Director and Curator of Mammals, Portland State University Museum of Natural History, Sept 2001– present
Assistant Chair, Department of Biology, September 2021–September 2023
Adjunct Curator of Vertebrates, Dióscoro Rabor Museum of Natural History, University of the Philippines at Los Baños; May 1993 – present.
Research Associate, Carnegie Museum of Natural History; May 1993 – present.
Associate Professor, Portland State University, Department of Biology, September 2007– 2018
Assistant Professor, Portland State University, Department of Biology, September 2001–August 2007
Assistant Chief, Medical Ecology Unit; Special Pathogens Branch, Centers for Disease Control, October 2000– October 2001
Research Assistant Professor, Department of Biology and Division of Mammals, Museum of Southwestern Biology, University of New Mexico; August 1995 – October 1999; May–October 2000.
Research Associate, Field Museum of Natural History; November 1999 – 2004
Curator of Mammals, University of Wisconsin Zoological Museum; University of Wisconsin, Madison; November 1999 – April 2000.
Instructor, Albuquerque Technical and Vocational Institute (Anatomy & Physiology); December – May 1997.
Faculty Research Fellow, University of Wisconsin—Madison; June – August 1995.
Assistant Professor, University of Puerto Rico, Cayey University College; August 1994 – August 1995.
Scientist–in–Residence, Thomas More College, Ohio River Biological Research Station; June 1993 – June 1994.
Assistant Curator and Coordinator, Philippine Biodiversity Inventory Program; Cincinnati Museum of Natural History; January 1992 – February 1994.
Adjunct Assistant Professor, Department of Biology, The College of Mount Saint Joseph; 1993.
Graduate Assistant, Teaching; Texas A&M University, Department of Wildlife and Fisheries Sciences; 1986–1991.
Graduate Assistant, Teaching; Texas A&M University, Department of Biology; Fall 1991.
Research Assistant; Section of Mammals, Carnegie Museum of Natural History, Summer, 1987.
Graduate Assistant, Teaching; Texas A&M University, Wildlife & Fisheries Dept., 1986–1991.

PROFESSIONAL POSITIONS (CONTINUED):

Research Assistant; Department of Herpetology, New York Zoological Park, 1985–1986.
 Intern; Department of Mammalogy, American Museum of Natural History; Summer 1985.
 Environmental Health Technician; Bureau of Environmental Health Protection—Medical Entomology
 Laboratory, Westchester County Health Department; Summers, 1983–1985.
 Graduate Teaching Assistant; Department of Biological Sciences, Fordham University; 1984–1986.

EDITORIAL POSITIONS:

Section Editor (Evolutionary Biology), Mammalian Biology; 2021–2023
 Editor in Chief, Journal of Mammalogy; 2020–2021
 Associate Editor, The Southwestern Naturalist; 1987–1991
 Associate Editor, Northwestern Naturalist; 2006–2007
 Associate Editor, Journal of Mammalogy; 2016–2019
 Reviewer for: Journal of Mammalogy; Systematic Biology; Biological Journal of the Linnean Society;
 Proceedings of the Biological Society of Washington; Northwestern Naturalist; Southwestern
 Naturalist; Biología Neotropical; Conservation Genetics; Mammal Review; Vector-Borne and
 Zoonotic Diseases; Mammalia; Acta Theriologica Sinica; Animal Conservation; BMC
 Evolutionary Biology; Diversity and Distributions; Journal of Wildlife Management; Molecular
 Phylogenetics and Evolution; The Auk; others.

EXTRA-UNIVERSITY COMMITTEES:

National Science Foundation Panel Member, International Programs (International Research Fellowship
 Awards; Biology), 1998, 2000; 2001; Dissertation Improvement (Systematics) 2005; Systematics
 (2007; 2016; 2017); Collections in Support of Biological Research (2017); Advancing Digitization
 of Biological Collections (2011; 2012; 2017).
 Federal Bureau of Investigation, Expert Witness (rodent morphology)
 Meeting Chair, American Society of Mammalogists Meeting, Portland, 2011 (joint meeting with Australian
 Mammal Society)
 Steering Committee Co-Chairman, Joint American Society of Mammalogists — European Mammal
 Society — Spanish Society of Mammalogy Meeting; held 19 – 24 June 1998, Santiago de
 Compostela, Spain.
 IUCN/SSC Lagomorph Specialist Group
 IUCN/SSC Rodent Specialist Group
 Nomenclature Committee member (current), American Society of Mammalogists
 International Relations Committee member (past), American Society of Mammalogists
 Systematic Collections Committee member (past), American Society of Mammalogists
 Program Committee member (past), American Society of Mammalogists
Ad-hoc Web Subcommittee of the Committee on Information Retrieval member (past), Amer. Soc.
 Mammalogists
 Biological Anthropology search committee, Department of Anthropology, University of New Mexico
 Computer Systems Administrator search committee, Long-Term Ecological Research Network Office

MEETINGS CHAIRED:

American Society of Mammalogists Annual Meeting; Portland State University, June 2011

MEETING SESSIONS CHAIRED:

Evolution & Population Biology, North American Bat Research Symposium, October 1998
 Biogeography of the Southwest, Southwestern Association of Naturalists, April 1998
 Biogeography, American Society of Mammalogists Meeting, June 1997
 Conservation Biology: ecological and behavioral factors, Ecological Society of America Meeting, August 1997
 Biogeography, American Society of Mammalogists Meeting, June 2006
 Evolutionary Biology, 5th World Lagomorph Conference, July 2016

TEACHING EXPERIENCE:

Portland State University:

Conservation Biology (UG/G); Mammalogy (UG/G); Ecology (UG); Grant writing (G); Philosophy and Ethics of Science (G); General Biology (non-majors); Field Ecology of Pacific Northwest Mammals (UG/G); Tropical Field Ecology (UG/G); Field Methods (UG/G); Systematics (UG/G).

University of New Mexico:

Graduate/Undergraduate: Mammalogy; Systematics; Research Seminar; Ethics in Research Seminar; Research Techniques Seminar.

Albuquerque Technical and Vocational Institute

Undergraduate: Human Anatomy and Physiology (lecture, laboratory).

University of Puerto Rico:

Undergraduate courses: Introductory Biology (majors and non-majors); Ecology; Herpetology, Evolution; Vertebrate Zoology; Animal Behavior; Conservation Biology; Seminar in Research Techniques.

Texas A&M University:

Natural History of the Vertebrates (laboratory and lecture substitution).
Mammalogy (Laboratory and lecture substitution).
Chordate Anatomy (Laboratory only).

Fordham University:

Graduate courses: Mammalogy Laboratory; Principles of Ecology Laboratory.
Undergraduate courses: Biological Concepts Laboratory; Zoology Laboratory.

College of Mount Saint Joseph:

General Biology (non-majors; lecture and laboratory).

Thomas More College

Vertebrate Biology, Ichthyology, Aquatic Biology (guest lecturer).

Miami University of Ohio

Vertebrate Biology (guest lecturer).

FIELD EXPERIENCE:

- 2019; 2022.** *Cameroon.* Led two trips collecting bats in the Mbam Minkom inselberg massif.
- 2016; 2017.** Two weeks in Eastern Borneo, teaching a class in Tropical Field Ecology.
- 2010; 2012; 2014; 2015; 2016; 2018.** *Costa Rica:* one-month trips undertaking surveys and collections of cottontail rabbits in the Central Cordillera and Cordillera de Tilarán.
- 2008.** *Mongolia:* two months in Gobi Desert highlands as part of NSF grant: Mammals of Mongolia and their parasites
- 2006.** *Nepal:* six months, including primarily teaching at Kathmandu University, as well as research trips to Mustang, Southeast, and Northwest Nepal.
- 2005.** *Myanmar:* led one month survey and inventory trip to the Shan Plateau, eastern Myanmar; gave a one week class at Yangon University on analysis of ecological data derived from small mammal capture data.
- 2004.** *Myanmar:* participated in one month survey and inventory trip to Alangdaw Kathapa National Park, north central Myanmar.
- 2002.** *Indonesia:* Led three month mammal biodiversity (bats and rodents) survey focussing on Sulawesi
- 2000.** *Indonesia:* Led three month trip, as above.
- 2000.** *Panamá:* led three week trip on behalf of the CDC to collect rodents in order to determine host species involved in outbreak of new hantavirus
- 1999 – 2000.** *Bhutan:* Led four week exploratory trip to discuss foundations for future biodiversity studies; some collecting of mammals (Jigme Dorji National Park and Thimphu Province).
- 1998.** *México:* Led two week trip to Sonora (Bahía de San Carlos) with Mammalogy class.
- 1998.** *Guinea (Conakry):* two week trip with CDC, looking at Lassa Fever in mammals
- 1998.** *Indonesia:* Led three month biodiversity inventory survey of Sulawesi.
- 1996.** *México:* Led two week trip to Sonora (Isla Tiburón and mainland) with Mammalogy class.
- 1995–1998.** *New Mexico, Texas:* Led field trips as part of Mammalogy class; and in the course of a Hantavirus monitoring.

FIELD EXPERIENCE (CONTINUED):

- 1994–1995.** *Puerto Rico*: Led field studies of distribution, diversity, and abundance of Puerto Rican tetrapods. Direct execution of own projects as well as supervision of undergraduates while collecting and data analyses of tetrapods for systematic and conservation biology work.
- 1993.** *Philippines*: Led six month field trip, coordinating Philippine Biodiversity Inventory Program; collecting mammals and supervising the collection and preservation and curation of birds, amphibians and reptiles, fish, and insects.
- 1992.** *Philippines*: Six months, as above.
- 1986–1991.** *Texas, Louisiana, New Mexico, Arizona*: led field trips (two to four weeks) teaching Natural History of the Vertebrates and Mammalogy.
- 1989.** *México*: led five week trip collecting bats for dissertation work; states of Campeche, Tabasco, Quintana Roo, and Yucatán.
- 1988.** *México*: six weeks as above; states of Querétaro, Jalisco, Nayarit, Sinaloa, Sonora, and Tamaulipas.
- 1987.** *French Guiana*: field work (three weeks) involving collection of amphibians, reptiles, and bats and other mammals for dissertation work.
- 1987.** *México*: led field work (four weeks) involving collection of bats for dissertation work and behavioral research in zoological parks; states of Morelos, México, Puebla, and Guerrero.
- 1986.** *Bolivia*: field work (eight weeks) involving collection of mammals in the provinces of Beni, La Paz, and Pando.
- 1986.** *West Virginia, Connecticut, Massachusetts, Maine*: led fieldwork in Appalachians for Master's Thesis on New England Cottontail Rabbit (*Sylvilagus transitionalis*).
- 1985.** *Bolivia*: field work (twelve weeks) involving collection of mammals in the provinces of Beni and La Paz.
- 1985.** *New York*: field work (four weeks) for Westchester County Health Department; medical entomologist: mark recapture of mammals in county; collection of blood samples and arthropod ectoparasites from county mammals for Lyme Disease studies.
- 1984.** *México*: field work (four weeks) collecting mammals in the states of Campeche, Chiapas, Tabasco, and Yucatán.
- 1984.** *New York*: same work as described above for Westchester County Health Department (twelve weeks).
- 1983.** *New Jersey*: field studies of small mammal survey techniques in the Great Swamp National Wildlife Refuge (twelve weeks).
- 1983.** *New York*: same work as described above for Westchester County Health Department (twelve weeks).
- 1982.** *New York*: one semester course in field techniques in mammalogy.

LANGUAGES:

Fluent in English, Spanish, and French. Tolerable knowledge of Italian and Portuguese, better written.

OTHER ACHIEVEMENTS:

Dean's List, Fordham University, 1981, 1982–1983, 1983–1984.
 Fordham University Track Team, 1981–1984; Four Years Athletic Service Award.

NATURAL HISTORY MUSEUM EXHIBITS:

Wildlife in Peril: The Philippine Biodiversity Inventory Project. Responsible for all aspects of exhibit. Cincinnati Museum of Natural History.

Our Weakening Web: The Story of Extinction. Consultant on selected modules. Cincinnati Museum of Natural History.

In the Dark: Living in a World Without Light. Conceptual development, and consultant on selected modules. Cincinnati Museum of Natural History.

GRANTS (TWENTY–SIX FUNDED GRANTS TOTALING \$1,393,431):

- Institute of Museum and Library Services, National Leadership Grants, \$324,055. Portland State University Museum of Natural History: Bridging Gaps at the PSU–MNH. Pending.
- National Science Foundation, \$702,961. CSBR: Natural History Collections: The Portland State Museum of Vertebrate Biology: Conservation and development of a public resource for the future. Principal Investigator (not funded).
- Department of Education, \$1,198,619. The ZooArch Project: Improving Middle Grade Student Achievement in Science. co–Principal Investigator (with V. Butler, Anthropology). Not funded.
- National Science Foundation, \$627,491. DEB 0717214: Mongolia Vertebrate Parasite Project (Biotic Surveys and Inventories). 2007–2012. Co–Principal Investigator (Scott L. Gardner, University of Nebraska, Lincoln, PI).
- Fulbright Fellowship, ca. \$30,000. For five months tenure in Nepal, Kathmandu University, teaching Conservation Biology and Ecology, and undertaking research on biodiversity of small mammals in Nepal.
- National Science Foundation, \$174,688. DEB 0616305: Biogeography and evolution of American cottontails, Lagomorpha: *Sylvilagus*, from morphology and molecules, emphasizing South and Central American taxa. 2006–2008. Principal Investigator, with J. Salazar–Bravo, Texas Tech University.
- Oregon Department of Human Services, Office of Disease Prevention and Epidemiology, Acute and Communicable Disease Program. \$3,614. DNA sequencing of Oregon’s *Hantaviruses*: identification of potentially novel pathogenic strains. 2005. Principal Investigator.
- National Oceanic and Atmospheric Administration (NOAA), \$102,170: Implementing an archival system for Cetacean tissue and anatomical specimens collected during ten years of stranding network activity. 2005–2006. Principal Investigator.
- The Julia and Albert Smith Foundation: Workshop: Integrative Approaches to Research in Parasitology—Biodiversity of mammal parasites: aspects of scale, diversity, and coevolution of host–parasite assemblages. \$9,000/1 year. PI, for a workshop in Sapporo, Japan.
- Murdock Charitable Trust: Distribution and prevalence of Hantavirus in mice throughout Oregon’s pristine high elevation forests. \$14,000/2 years. PI, with Mark Geren, Westview High School, Beaverton, Oregon.
- The Mazamas, \$3,494. Community ecology and biogeography of high elevation small mammal faunas: Conservation priorities based on community dynamics and prevalence of zoonotic disease. 2003–2004.
- National Science Foundation, \$220,001: Division of Environmental Biology, Systematic and Population Biology, Systematic Biology Panel: “Molecular Zoogeography of Indo–Pacific Rodents.” PI, with Juan Carlos Morales (Columbia University).
- New Mexico Department of Game and Fish, \$10,000: “Biogeography, systematics, and taxonomy of montane cottontails, genus *Sylvilagus*, in the Americas” Funded 1 June 2000 – 31 May 2001.
- National Institutes of Health, \$86,601: National Institute of Allergy and Infectious Diseases: “Hantavirus infections: ecology, immunity, and treatment (5P01 AI3978–03)—Research supplement for underrepresented minority investigator.” 1 August 1999–31 July 2000.
- New Mexico Department of Game and Fish, \$10,000: “Biogeography, systematics, and taxonomy of New Mexico’s montane cottontails, genus *Sylvilagus*.” Funded 1 June 1999 – 31 May 2000.
- National Science Foundation, \$80,747: Division of Environmental Biology, Research Collections in Systematics and Ecology Panel: “Improvement of the Museum of Southwestern Biology’s Biological Materials Collections: A genetic resource for the 21st Century.” Co–PI, with T. L. Yates and W. L. Gannon. Funded February 1999.
- National Geographic Society, \$20,000. Biodiversity in Sulawesi’s Central Peninsula: A new species of macaque? Funded April 1998.
- The Field Museum of Natural History, \$950 Collections Use Grant. Accepted for February 1998.
- Center for Environmental Research and Conservation, \$12,550: “Biogeography and evolution of rodents in Wallacea: a molecular approach using mitochondrial and nuclear genes.” Principal investigator, with Juan Carlos Morales (Columbia University).
- National Science Foundation/University of Wisconsin (Madison) Linkages Program, \$6,000: Summer Faculty Research Fellowship with Dr. John A. W. Kirsch; DNA/DNA hybridization studies of Southeast Asian Rodentia.

GRANTS (CONTINUED):

- Howard Hughes Foundation, \$3,000: "Ecological and morphological variation in Puerto Rican tetrapods: Pilot proposal for long term investigative research and training in zoology." Funded for 1 January – 31 December 1995.
- The Field Museum of Natural History, \$650 Collections Use Grant. Accepted for January 1994.
- The Nature Conservancy, \$1,500: "Systematic status and conservation of the Trans-Pecos cottontails, genus *Sylvilagus*." 1990–1991.
- Memorial Student Center–Jordan Institute for International Awareness, \$1,500; to hold a symposium entitled: "Fragile communities: Ecological perspectives in the Americas."
- Texas A&M University Graduate College Award, \$125 to present a paper entitled "Nuclear DNA content variation in Chiroptera: a genome size approximation to the question of monophyly versus paraphyly in bats," at the Annual Meeting, American Society of Mammalogists, Manhattan, Kansas, June 1991.
- Ludwig and Paula Altman Cell Biology Travel Fund, \$280; to present a paper entitled "Chromosomal variability in the New England cottontail, *Sylvilagus transitionalis*: evidence for a major subdivision in the species" at the Annual Meeting, American Society of Mammalogists, Madison, Wisconsin, June 1986.
- Seivers' Grant, \$125 to attend Annual Meeting, American Society of Mammalogists, Madison, Wisconsin, June 1986.
- Theodore Roosevelt Fund of the American Museum of Natural History, \$800 for thesis project entitled "Chromosomal variation in the New England cottontail, *Sylvilagus transitionalis*." 1985–1986.
- Ludwig and Paula Altman Cell Biology Travel Fund, \$250; to present a paper entitled "Analysis of hair morphology in the Ursidae using scanning electron microscopy," at the Annual Meeting, American Society of Mammalogists, Orono, Maine, June 1985.
- Department of Chemistry, Fordham University, \$500; for computer facilities use.

INVITED SEMINARS:

1. Chiropteran evolution: a case study in taxonomic and ecological radiation. Miami University of Ohio, 29 July 1993.
2. Globus Invited Speaker, Baruch College of New York, Department of Natural Sciences: "Novel vertebrates resulting from the Philippine Biodiversity Inventory and Survey Project," 4 November 1993.
3. Mammals of Ohio: Biodiversity and Distribution. Seminar and Workshop presented to The Cincinnati Nature Center, 22 November 1993.
4. Contributions of morphology and field biology to the conundrum of altitudinal zonation in mammals. Presented to a seminar class at the College of Mount Saint Joseph, 14 February 1994.
5. Population studies of *Otopteropus cartilagonodus* (Chiroptera: Pteropodidae): Variations in morphology and population structure. Presented to the Marine Sciences Department; Mayagüez College of University of Puerto Rico, 14 September 1994.
6. Vertebrate biodiversity in the Philippines: implications for conservation. Presented at the first Annual Symposium on Endangered Species, Interamerican University of Arecibo, Puerto Rico, 28 April 1995.
7. The unexamined life is not worth living: explorations in vertebrate biology. Presented to the Department of Biology, Sul Ross State University, Texas, 21 April 1995.
8. Pattern and process in mammalian evolution: from Monongahela to Tambusisi. Michigan State University Museum, 21 April 1997.
9. Biogeography of the area of Wallace's Line: a novel perspective from complete sequence of mtDNA 12S rRNA gene from rodents. University of Washington, Department of Zoology, 4 November 1997.
10. Niche partitioning and community structure in mammalian assemblages: bats and shrews in space and time. Ecology and Evolutionary Biology Seminar Series, University of New Mexico, 20 November 1997.
11. Hantavirus in New Mexico. New Mexico Branch, American Association of Laboratory Animal Science. Lovelace Respiratory Research Institute, Kirkland Air Force Base, Albuquerque, New Mexico, 17 November, 1998.

INVITED SEMINARS (CONTINUED):

12. Mountain Islands and Island Mountains: Molecular Biogeography of the Area of Wallace's Line. School of Biological Sciences, University of Nebraska, Lincoln, 10 December 1998.
13. Mammalian biogeographic trends between mountain islands and island mountains: Malaysian rats and American rabbits. University of Wisconsin at Stevens Point, 9 February 1999.
14. Historical Biogeography of the Area of Wallace's Line. Department of Vertebrate Zoology, Field Museum of Natural History, 24 February 1998.
15. Historical zoogeography of Indo-Australia: a perspective based on molecular systematics of rodents. Ecology and Evolutionary Biology Seminar Series, University of New Mexico, 19 December 1998.
19. Biogeography of Wallace's Malay Archipelago: a consensus approach based on molecular data from bats and rodents. University of Wisconsin at Whitewater, 17 March 2000.
20. Systematics and Ecology of a Southeast Asian mammal fauna. Centers for Disease Control and Prevention, Atlanta, Georgia, 26 April 2000
21. Animal locomotion: a skeletal approach. High Desert Museum, Bend, Oregon, 4 May 2003.
22. Biogeography of the area of Wallace's Line: Southeast Asia from a rodent's perspective. Southern Oregon University, School of Sciences, 14 November 2003.
23. Chiroptera: Global Biodiversity, Distribution, Evolution, and Ecology: focus in Nepal. Tribhuvan University—Institute of Forestry, Pokhara, Nepal. 5 September 2006
24. Hantavirus dynamics in the Pacific Northwest: a wildlife perspective. Annual Meeting, Society for Northwestern Vertebrate Biology (Symposium—Panic, Pandemics and Poisons: Ubiquitous Wildlife Diseases and Toxics). February 2007.
25. Using molecular markers to describe Oregon *Puma* populations. Musial T. S., M. B. Cruzan, and L. A. Ruedas. Invited lecture to ODFW biologists, ODFW State Headquarters, Salem OR. 2008
26. Origin and development of the Ecuadorian mammalian fauna. Invited capstone lecture, V Congreso Ecuatoriano de Mastozoología (V Ecuadorian Mammal Meeting), 21–24 October 2020, Samborondón, Ecuador.

PAPERS PRESENTED AT MEETINGS:

1. Analysis of hair morphology in the Ursidae using scanning electron microscopy. **L. A. Ruedas** and R. C. Dowler. Annual Meeting, American Society of Mammalogists, Orono, Maine, 1985.
2. Chromosomal variability in the New England cottontail, *Sylvilagus transitionalis*: evidence for a major subdivision in the species. **L. A. Ruedas**, E. Aita, and R. C. Dowler. Annual Meeting, American Society of Mammalogists, Madison, Wisconsin, June 1986.
3. Cranial morphometrics of the New England cottontail, *Sylvilagus transitionalis*: further evidence for a species distinction. **L. A. Ruedas** and R. C. Dowler. Annual Meeting, American Society of Mammalogists, Albuquerque, New Mexico, June 1987.
4. Flying primates revisited: genome size variation in micro- and megachiropterans suggests monophyly. **L. A. Ruedas** and J. W. Bickham. Texas Society of Mammalogists, February 1989.
5. Evolutionary implications of genome size variation in mammals. **L. A. Ruedas** and J. W. Bickham. Wilks' Award candidate paper, Southwestern Association of Naturalists, Arkansas State University, April 1989.
6. Conservative genome size evolution in Tuco-tucos (Rodentia: Ctenomyidae). **L. A. Ruedas**, J. A. Cook, and J. W. Bickham. Annual Meeting, American Society of Mammalogists, Frostburg, Maryland, June 1990.
7. Patterns of distribution and diversity of non-volant tropical West African mammals. **L. A. Ruedas**. First European Congress of Mammalogy, Lisbon, Portugal, March 1991.
8. Conservative genome size is tied to explosive chromosomal variation in ctenomyid rodents (Mammalia: Rodentia: Ctenomyidae). **L. A. Ruedas**, J. A. Cook, and J. W. Bickham. First European Congress of Mammalogy, Lisbon, Portugal, March 1991.
9. Nuclear DNA content variation in Chiroptera: a genome size approximation to the question of monophyly versus paraphyly in bats. **L. A. Ruedas** and J. W. Bickham. Annual Meeting of the American Society of Mammalogists, Manhattan, Kansas, June 1991.
10. Identification of centers of biological diversity and endemism in Philippine tetrapods: design and implementation of a biodiversity study. **L. A. Ruedas**. International Wildlife Management Congress, Costa Rica, September 1993.

PAPERS PRESENTED AT MEETINGS (CONTINUED):

11. Theoretical and practical considerations of the methodology of biodiversity inventory surveys. **L. A. Ruedas**. Special Symposium on Biodiversity Research, Annual Meeting of the Willi Hennig Society, 2 August 1995.
12. Systematics of *Maxomys* Sody, 1936 (Rodentia: Muridae: Murinae): DNA/DNA hybridization studies of some Borneo–Javan species and allied Sundaic and Australo–Papuan genera. (**L. A. Ruedas** and John A. W. Kirsch). Annual Meeting of the Southwestern Association of Naturalists; Edinburg, Texas, April 1996.
13. Systematics of *Maxomys* Sody, 1936 (Rodentia: Muridae: Murinae): DNA/DNA hybridization studies of some Borneo–Javan species and allied Sundaic and Australo–Papuan genera. (**L. A. Ruedas** and J. A. W. Kirsch). Annual Meeting of the American Society of Mammalogists, Grand Forks, North Dakota, June 1996.
14. Wallace’s Line & Biogeography: a perspective through rodents’ eyes (**L. A. Ruedas**, J. C. Morales). Annual Meeting of the Southwestern Association of Naturalists; Fayetteville, Arkansas, April 1997.
15. Demographics of small mammals at 4 locations in New Mexico, with relation to Hantavirus infection. (With: Campbell, M. L., **L. A. Ruedas**, J. Milner, J. L. Dunnum, K. K. Lamke, P. J. Polechla, C. A. Parmenter, T. L. Yates, and J. N. Mills). Annual Meeting of the Southwestern Association of Naturalists; Fayetteville, Arkansas, April 1997.
16. Zoogeography of the Indo–Pacific area and Wallace’s Line: a perspective based on mtDNA 12S rRNA gene sequence from rodents. (**L. A. Ruedas** and Juan C. Morales). Annual Meeting of the American Society of Mammalogists, Stillwater, Oklahoma, June 1997.
17. Ecomorphological relationships among shrew communities (Mammalia: Insectivora: Soricidae) compared between Southwestern and Northeastern United States. **L. A. Ruedas**. Annual Meeting of the Ecological Society of America, Albuquerque, August 1997.
18. Mammalian Collections Care: towards a higher standard. **L. A. Ruedas** and T. L. Yates. International Theriological Congress, Acapulco, México, September 1997.
19. Systematics and ecomorphology of rhinolophoid communities: point comparison of African mainland and Sundo–Wallacean insular assemblages. **L. A. Ruedas**. 27th Annual North American Symposium on Bat Research, Tucson, Arizona, October 1997.
20. Systematics and biogeography of *Sylvilagus* Gray, 1867 (Lagomorpha: Leporidae) in North America. **L. A. Ruedas**. Euro–American Mammal Congress. Santiago de Compostela, Spain, July 1998.
21. Wallace’s Malay Archipelago 140 years later: new biological explorations in Sulawesi. **L. A. Ruedas**. 28th Annual North American Symposium on Bat Research, Hot Springs, Arkansas, October 1998.
22. A concordance of ear shape and echolocation call structure in three species of vespertilionid bats (with Tagide N. deCarvalho, **L. A. Ruedas**, and William L. Gannon). 28th Annual North American Symposium on Bat Research, Hot Springs, Arkansas, October 1998.
23. Molecular and morphological evolution in the rousettine bats (Pteropodidae). **L. A. Ruedas**. 29th Annual North American Symposium on Bat Research, Madison, Wisconsin, October 1999.
24. Genetic Relationships of Rodents from Southeast Asia to Australo–Papua (Juan Carlos Morales and **L. A. Ruedas**). International conference on “Where Worlds Collide: faunal and floral migrations and evolution in Southeast Asia–Australasia,” University of New England, Armidale, Australia, 29 November–2 December 1999.
25. Identification and distribution of *Myotis yumanensis* in Oregon. Scott, S.A., P. Ormsbee, J.M. Zinck, D.A. Duffield and **L. A. Ruedas**. 2002. 23rd Annual North American Symposium on Bat Research, Burlington, Vermont, 6–9 November.
26. Toward a Rational Circumscription of the Species Limits for *Miniopterus schreibersii*. **L. A. Ruedas**, Zoltan Nagy, Amy C. Dolan, Ibrahim Rasit Bilgin, and Juan Carlos Morales. 23rd Annual North American Symposium on Bat Research, Burlington, Vermont, 6–9 November 2002.
27. Identification and Distribution of *Myotis yumanensis* in Oregon. Scott, S.A., P.C. Ormsbee, J.M. Zinck, D.A. Duffield, and **L. A. Ruedas**. 2nd Four Corners Regional Bat Conference and 1st Annual Western Bat Working Group Conference for the Management and Conservation of Bats, Durango, CO. Jan 29–Feb 1 2003.
28. Identification and Distribution of *Myotis yumanensis* in Oregon. Scott, S.A., P.C. Ormsbee, J.M. Zinck, D.A. Duffield, and **L. A. Ruedas**. 2003. Joint Annual Meeting: Oregon Chapter and Northwest Section. The Wildlife Society, Eugene OR. Feb 10–14 2003.
29. Multivariate morphological approaches to the ecological niche concept of an n–dimensional hypervolume. Patrick, L. E., and **Ruedas, L. A.** Oral presentation at the Annual Northwest Undergraduate Research Conference, 2003.

PAPERS PRESENTED AT MEETINGS (CONTINUED):

30. Zoonotic Disease Load in Urban Parks Small Mammal Fauna is Inversely Proportional to Biodiversity. **L. A. Ruedas** and L. J. Dizney. Urban Ecology & Conservation Symposium, Portland State University, Portland, Oregon, 24 January 2003.
31. Marching Across Wallacea—Dispersion and Speciation Among Southeast Asian Rodents. American Society of Mammalogists' Annual Meeting. (Juan Carlos Morales and **L. A. Ruedas**). June 2003.
32. A prolegomenon to the systematics and biogeography of *Miniopterus schreibersii* (Kuhl, 1819). American Society of Mammalogists' Annual Meeting. (**L. A. Ruedas**, Zoltan Nagy, Amy C. Dolan, Ibrahim Rasit Bilgin, and Juan Carlos Morales). June 2003.
33. Sloth, anteater, and armadillo biomechanics: analyzing xenarthran evolutionary relationships through modality. Barbara J. S. Edmunds and **L. A. Ruedas**. Pacific Ecology and Evolution Conference. 7 February 2004.
34. The molecular biogeography and coevolution of Sin Nombre virus and its host, *Peromyscus maniculatus*, in the Pacific Northwest. Philip D. Jones and **L. A. Ruedas**. Pacific Ecology and Evolution Conference. 7 February 2004.
35. The link between diversity and disease. L. J. Dizney, and **L. A. Ruedas**. Pacific Ecology and Evolution Conference. 7 February 2004.
36. The link between diversity and disease. L. J. Dizney, P. D. Jones, and **L. A. Ruedas**. Oregon Chapter of the Wildlife Society. 11–13 February 2004.
37. Mesoscale Population Dynamics of Small Mammals at the Urban–suburban Interface. **L. A. Ruedas**, L. J. Dizney, P. D. Jones. Oregon Academy of Sciences. February 28 2004.
38. Epizootiology of Sin Nombre Hantavirus and population dynamics of small mammals in urban parks: human health implications of host ecology and viral incidence. **L. A. Ruedas**, L. J. Dizney, P. D. Jones. International Conference on Emerging Infectious Diseases. February 29–March 3 2004.
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40. Multivariate morphological approaches to the ecological niche concept of an N -dimensional hypervolume. L. E. Patrick and **L. A. Ruedas**. Oregon Academy of Sciences. 28 February 2004.
41. Multivariate morphological approaches to the ecological niche concept of an n -dimensional hypervolume. L. E. Patrick and **L. A. Ruedas**. EVO-WIBO Conference, 2004.
42. Sloth, anteater, and armadillo biomechanics: analyzing xenarthran evolutionary relationships through modality. Barbara J. S. Edmunds and **L. A. Ruedas**. Oregon Academy of Sciences. February 28 2004.
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47. Serosurvey of wild rodents for hantaviruses in Panamá, 2000–2003. Blas Armién, J. Salazar-Bravo, A. Armién, G. Suzán, **L. A. Ruedas**, J. M. Pascale, F. Gracia, T. L. Yates. American Society of Mammalogists' Annual Meeting. June 2004.
48. Chromosomes of *Sylvilagus brasiliensis* from the Peninsula del Azuero, Panamá. J. L. Dunnum, **L. A. Ruedas**, and J. Salazar-Bravo. American Society of Mammalogists' Annual Meeting. June 2004.
49. Evolutionary relationships among phalangerids, (Diprotodontia: Phalangeridae) inferred from mitochondrial DNA (12S rRNA) sequence data. **L. A. Ruedas** and J. C. Morales. American Society of Mammalogists' Annual Meeting. June 2004.
50. Mesoscale population cycling in urban parks' small mammal fauna: influence of disease load on population ecology and conservation implications. **Ruedas, L. A.**, L. J. Dizney, J. J. P. Veerman, G. Lafferiére, and P. D. Jones. Annual Meeting of the Society for Conservation Biology. July 2004.
51. The link between diversity and disease. L. J. Dizney, P. D. Jones, and **L. A. Ruedas**. Annual Meeting of the Ecological Society of America, August 2004.

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52. Mesoscale population ecology of Sin Nombre *Hantavirus* and *Peromyscus maniculatus* in the Pacific Northwest. **L. A. Ruedas**, L. J. Dizney, and P. D. Jones. Annual Meeting of the Ecological Society of America, August 2004.
53. A Novel, non-invasive technique for assessing bat cranial morphometrics. Lorelei E. Patrick and **L. A. Ruedas**. North American Symposium on Bat Research, October 2004.
54. A novel, non-invasive technique for assessing bat cranial morphometrics. Patrick, L. E., and **L. A. Ruedas**. Sigma Xi Columbia Willamette Chapter Student Research Symposium, 2005.
55. A novel, non-invasive technique for assessing bat cranial morphometrics. Patrick, L. E., and **L. A. Ruedas**. Oregon Academy of Sciences Annual Meeting, 2005.
56. Anteater, armadillo and sloth evolution and the relationship of *Ernanodon antelios* to Xenarthra. Barbara J. Shaw and **L. A. Ruedas**. Oregon Academy of Sciences, February 2005.
57. Anteater, armadillo and sloth evolution: morphological and biomechanical analyses, and the relationship of *Ernanodon antelios* to Xenarthra. Sigma Xi Research Symposium, April 2005.
58. Phylogenetics of Sin Nombre *Hantavirus* and its host, *Peromyscus maniculatus*, in the Pacific Northwest. Philip D. Jones, **L. A. Ruedas**, Laurie J. Dizney, Annual Meeting of the American Society of Mammalogists, June 2005.
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60. Non-invasive computed tomography scanning in chiropteran morphometrics. Lorelei E. Patrick and **L. A. Ruedas**. Annual Meeting of the American Society of Mammalogists, June 2005.
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62. A novel, non-invasive technique for assessing bat cranial morphometrics. Patrick, L. E., and **L. A. Ruedas**. Annual Meeting of the American Society of Mammalogists, June 2005.
63. Of mice and squirrels: phylogeography of the Pacific Northwest Cascades' mountain islands. Zachary T. Harlow, Debbie A. Duffield, Zachary Hyde, & **L. A. Ruedas**. Annual Meeting of the American Society of Mammalogists, June 2005.
64. Morphology and systematics of *Rhinolophus* from Lore Lindu National Park, Sulawesi, Indonesia. Patrick, L. E., and **L. A. Ruedas**. North American Symposium on Bat Research, 2005.
65. Transmission and population dynamics of hantaviruses in North America. **L. A. Ruedas**. IX International Mammalogical Congress, Sapporo, Japan, August 2005.
66. Ligers and griffins and mules, oh, my!: misunderstanding/misrepresentation of the concept of "theory" as being unclear and unfinished in an attempt to hybridize the study of biology by modeling spiritual beliefs with scientific Principles. Lindsay, T., **Ruedas, L. A.**, Shaw, B., & Cummings, M. Society for Vertebrate Paleontology, October 2005.
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68. Multivariate morphological approaches to the ecological niche partitioning in Costa Rican bats (Mammalia : Chiroptera). Patrick, L. E., and **L. A. Ruedas**. Society of Integrative and Comparative Biology, January 2006, Orlando, Florida. (Abstract published in Integrative and Comparative Biology, 45(6):1176, December 2005).
69. The evolution of xenarthran modality distinct from all other mammals. Shaw, B. J., and **L. A. Ruedas**. Society of Integrative and Comparative Biology, January 2006, Orlando, Florida. (Abstract published in Integrative and Comparative Biology, 45(6):1193, December 2005).
70. A walk on the wild side: evolution of order Xenarthra modality distinct from all other mammals. Sigma Xi Student Research Symposium Poster, Shaw, B. J., **L. A. Ruedas**.
71. Morphology and systematics of *Rhinolophus* from Lore Lindu National Park, Sulawesi, Indonesia. Patrick, L. E., and **L. A. Ruedas**. Poster, EVO-WIBO, **one of six winners of the poster competition**
72. Sloths et al. teaching the "E" word: using extant and extinct xenarthran cranial materials to exemplify for middle school students change through time and how science works. Shaw, B. J., and **L. A. Ruedas**. Annual Meeting of the American Society of Mammalogists, June 2006.

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73. Morphology and systematics of *Rhinolophus* from Lore Lindu National Park, Sulawesi, Indonesia. Patrick, L. E., and **L. A. Ruedas**. Poster, Sigma Xi Columbia Willamette Chapter Student Research Symposium. 2006.
74. Hantavirus dynamics in the Pacific Northwest: a human perspective. Dizney, L. J., and **L. A. Ruedas**. Annual Meeting, Society for Northwestern Vertebrate Biology (Symposium—Panic, Pandemics and Poisons: Ubiquitous Wildlife Diseases and Toxics). October 2006.
75. Old wine in new casks or new wine in old casks? Broad scale biogeographic patterns in Southeast Asia. **L. A. Ruedas** & J. C. Morales. Annual Meeting of the American Society of Mammalogists, June 2006.
76. Healthy ecosystems are good for your health. L. J. Dizney, P. D. Jones, & **L. A. Ruedas**. Annual Meeting of the American Society of Mammalogists, June 2006.
77. Teaching the “E” word: using extant and extinct xenarthran cranial material to exemplify for middle school students change through time and how science works. Shaw, B. J., and **L. A. Ruedas**. Society for the Study of Evolution, June 2006.
78. Multivariate morphological analysis of niche partitioning among Costa Rican bats. Patrick, L. E., and **L. A. Ruedas**. Poster, North American Symposium on Bat Research, October 2006.
79. Morphology and systematics of *Rhinolophus* from Lore Lindu National Park, Sulawesi, Indonesia. Patrick, L. E., and **L. A. Ruedas**. Poster, Oregon Academy of Science, Monmouth, OR, 2007.
80. Morphometric analysis of *Sylvilagus brasiliensis*. Travis Wilson, Miguel Pinto, **Luis A. Ruedas**, and J. Salazar–Bravo. Annual Meeting of the American Society of Mammalogists, June 2007.
81. A preliminary analysis of the phylogenetic relationships of rabbits of the genus *Sylvilagus* in Meso– and South America. Jorge Salazar–Bravo and **Luis A. Ruedas**. Annual Meeting of the American Society of Mammalogists, June 2007.
82. Biogeography of archipelagic Southeast Asia: insights from unrecognized and misrecognized species, and a new species in the *Rhinolophus arcuatus* species complex (Chiroptera: Rhinolophidae) from Sulawesi, Indonesia. Patrick, L. E., and **L. A. Ruedas**. American Society of Mammalogists annual meeting, Albuquerque, NM, June 2007.
83. Records of mammals from the Nepali Himalayas: strange species; stranger molecules. **Luis A. Ruedas**. Annual Meeting of the American Society of Mammalogists, June 2007.
84. Multivariate Morphological Analysis of Niche Partitioning among Costa Rican Bats. Patrick, L. E., and **L. A. Ruedas**. American Society of Mammalogists annual meeting, Brookings, SD, June 2008.
85. Population genetics of Oregon *Puma concolor*. Musial T. S., M. B. Cruzan, and **L. A. Ruedas**. Oregon Chapter of the Wildlife Society, Salishan OR, 2008.
86. Describing population genetics of Oregon Cougars. Musial T. S., M. B. Cruzan, and **L. A. Ruedas**. Poster presentation to Evo-WIBO Conference, Port Townsend WA, 2008.
87. Multivariate Morphological Analysis of Niche Partitioning between a Mainland and Island Bat Assemblage. Patrick, L.E., and **Ruedas, L.A.** Poster presentation to EVO-WIBO Conference, Port Townsend, WA, 2008.
88. Biogeography and evolution of the cottontail genus *Sylvilagus* (Lagomorpha: Leporidae). **Ruedas, L. A.**, and Salazar–Bravo, J. 3rd World Lagomorph Conference, Morelia, Mexico.
89. Multivariate Morphological Analysis of Niche Partitioning among Costa Rican Bats. Patrick, L. E., and **L. A. Ruedas**. North American Symposium on Bat Research, Portland, Oregon, 2009.
90. Evolutionary genetics of the North American mountain lion in Oregon. Musial T. S., M. B. Cruzan, and **L. A. Ruedas**. Annual Meeting of the American Society of Mammalogists, June 2011.
91. Landscape genetic analyses reveal distinct lineages of the North American mountain lion in Oregon. Musial T. S., M. B. Cruzan, and **L. A. Ruedas**. Annual Meeting of the Ecological Society of America, 2012.
92. Morphological Variation in Pikas (Lagomorpha: Ochotonidae: *Ochotona*) of the Mesic Habitat Islands in Mongolia’s Gobi Desert. **Ruedas, L. A.**, N. Batsaikhan, S. L. Gardner, S. Ganzorig, S. A. Jones, G. R. Rácz, and D. S. Tinnin. Annual Meeting of the American Society of Mammalogists, June 2012.
93. Morphological variation in pikas (*Ochotona*) of the mesic habitat islands in Mongolia’s Gobi Desert. **Ruedas, L. A.**, N. Batsaikhan, S. L. Gardner, S. Ganzorig, S. A. Jones, G. R. Rácz, and D. S. Tinnin. 4th World Lagomorph Conference, Vienna, Austria, July 2012.

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94. Taxonomy, systematics, biogeography, and evolution of the South American cottontail rabbits (Lagomorpha, Leporidae: *Sylvilagus*). **Ruedas, L. A.**, S. M. Silva, J. H. French, R. N. Platt II, J. Salazar-Bravo, J. M. Mora, and C. W. Thompson. Annual Meeting of the American Society of Mammalogists, June 2016.
95. Taxonomy, systematics, biogeography, and evolution of the South American cottontail rabbits (Lagomorpha, Leporidae: *Sylvilagus*). **Ruedas, L. A.**, S. M. Silva, J. H. French, R. N. Platt II, J. Salazar-Bravo, J. M. Mora, and C. W. Thompson. 5th International Lagomorph Conference, Turlock, California, July 2016.
96. Wind farm impact and increasing knowledge of Honduras bats. Mora, J. M., **L. A. Ruedas**, M. R. Espinal, and L. I. López. International Bat Research Conference, Durban, South Africa, 31 July – 5 August 2016.
97. New species of cottontails (Leporidae: *Sylvilagus*) from northern South America illuminate previously concealed regional biodiversity. **Luis A. Ruedas**. 97th Annual Meeting of the American Society of Mammalogists, University of Idaho, Moscow, Idaho, 20–24 June 2017.
98. The cottontail rabbits (Lagomorpha: Leporidae: *Sylvilagus*) of Costa Rica: a novel taxonomic and systematic perspective. José M. Mora, Lucía I. López, and **Luis A. Ruedas**. 12th International Mammalogical Congress, Perth, Australia, 9–14 July 2017.
99. Revisiting the phylogeny and taxonomy of South American cottontails, *Sylvilagus* Gray, 1867 (Lagomorpha: Leporidae). **Luis A. Ruedas**, Sofia Marques Silva, Johnnie H. French, Roy Nelson Platt II, Jorge Salazar-Bravo, José M. Mora, and Cody W. Thompson. Annual Meeting of the American Society of Mammalogists, Kansas State University, Manhattan, Kansas, 25–29 June 2018.
100. Origin and development of the South American montane mammal fauna by the Andean speciation engine. Gardner, S. L., and **L. A. Ruedas*** (presenter). Annual Meeting of the American Society of Mammalogists, Washington, D.C., 27 June–2 July 2019.
101. Comparative phylogeography of *Sorex monticola* and relatives and Jemez Springs virus. Liphardt, S., H. Kang, L. J. Dizney, **L. A. Ruedas**, J. A. Cook, and R. Yanagihara. Annual Meeting of the American Society of Mammalogists, Washington, D.C., 27 June–2 July 2019.
102. Workshop—Describing a new genus or species of mammal and constructing a synonymy. R. W. Norris and **L. A. Ruedas**. Annual Meeting of the American Society of Mammalogists, Tucson, Arizona, 17–21 June 2020.
103. Systematics of the Eastern cottontail rabbit (*Sylvilagus floridanus*) from Southwestern North America to South America. **L. A. Ruedas**, M. McDonough, J. H. French, S. Silva, and J. M. Mora. Annual Meeting of the American Society of Mammalogists, Tucson, Arizona, 17–21 June 2020.
104. A. L. Grunwald, T. C. Demos, B. D. Patterson, **L. A. Ruedas**, C. Volk, P. J. Atagana, F. Meyo, Eric-Moise Bakwo Fils, M. N. Tchamba, and D. J. Ballhorn. Western Bat Working Group Biennial Conference, Victoria, British Columbia, 18–21 April 2023.
105. Influence of inselbergs on bat faunal diversity in Cameroon. A. L. Grunwald, T. C. Demos, C. Volk, F. Meyo, P. J. Atagana, D. J. Ballhorn, T. Kingston, E.-M. Bakwo Fils, I. Bevers, A. Talla, W. Frick, B. D. Patterson, and **L. A. Ruedas**. Influence of inselbergs on bat faunal diversity in Tropical ecosystems. American Society of Mammalogists Annual Meeting (in conjunction with International Mammalogical Congress XIII). Anchorage, Alaska, 14–20 July 2023.
106. *Sylvilagus floridanus* and the invasion of the Neotropics by cottontails, *Sylvilagus* (Lagomorpha: Leporidae). McDonough, M., S. Castañeda-Rico, and **L. A. Ruedas**. American Society of Mammalogists Annual Meeting. Boulder, Colorado, 7–11 June 2024.
107. The influence of inselbergs on bat diversity in an Afrotropical ecosystem. Grunwald, A. L. [...] and **L. A. Ruedas**. American Society of Mammalogists Annual Meeting. Boulder, Colorado, 7–11 June 2024.
108. An introduction to the systematics of the cottontail rabbits *Sylvilagus* (Lagomorpha: Leporidae) from Peru. Diaz, S., **L. A. Ruedas**, E. Escobar, D. Bustamante, M. Calderón, R. Cadenillas, M. Arakaki, D. Ruelas, and V. Pacheco. 7th World Lagomorph Conference. Belfast, United Kingdom, 22–26 July 2024.
109. *Sylvilagus floridanus* is not. Castañeda Rico, S., M. McDonough, and **L. A. Ruedas**. 7th World Lagomorph Conference. Belfast, United Kingdom, 22–26 July 2024.

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7. **Ruedas, L. A.**, J. A. Cook, T. L. Yates, and J. W. Bickham. 1993. Conservative genome size and rapid chromosomal evolution in the South American tuco-tucos (Rodentia: Ctenomyidae). *Genome*, 36(3):449–459.
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