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**CURRICULUM VITAE**

NAME: **Lawrence R. Heaney**

CURRENT ADDRESS:

 Negaunee Curator of Mammals

 Field Museum of Natural History

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DATE OF BIRTH: 2 December 1952; Washington, D. C.

EDUCATION:

University of Minnesota, Minneapolis; B. S. - June 1975

University of Kansas, Lawrence; M.A. awarded with honors - May 1978

University of Kansas, Lawrence; Ph.D. - October 1979

EMPLOYMENT:

June 1967 to June 1971: Volunteer and Museum Technician, Division of Mammals, Smithsonian Institution

June 1971 to Sept. 1971: Field Collector, Delaware Museum of Natural History

June 1972 to June 1975: Undergraduate Curatorial and Research Assistant, University of Minnesota

June 1973 to August 1975: Field and Research Assistant, Smithsonian Institution (summers)

August to May, 1975 to 1979: Curatorial, Teaching, and Research Assistant, University of Kansas

June 1978 to Sept. 1978: Smithsonian Institution Visiting Graduate Student

Sept. 1979 to Aug. 1986: Assistant Professor, Dept. of Biology and Assistant Curator, Division of Mammals,

Museum of Zoology, University of Michigan

Sept. 1986 to Oct. 1988: Research Fellow, Smithsonian Institution

Oct. 1988 to present: Assistant Curator of Mammals, 1988-June 1991; Associate Curator, June 1991-2002; Curator, 2002-present, Field Museum

CURRENT HONORARY, ADJUNCT, AND ADVISORY APPOINTMENTS

1989 to present: Member, Committee on Evolutionary Biology, University of Chicago

1990 to present: Adjunct Curator and Research Fellow, Department of Zoology, Philippine National Museum

1991 to present: Research Associate, Department of Mammalogy, American Museum of Natural History

1994 to present: Research Curator of Zoology, Utah Museum of Natural History

1997 to present: Adjunct Professor and Curator, University of the Philippines - Diliman

AWARDS AND HONORS:

1993. Earth Day Award for “Contributions to Wildlife Conservation and a Greater Understanding of Philippine Zoogeography”, presented by the Philippine Department of Environment and Natural Resources.

1998. Foreward Magazine (independent publishing trade magazine), Bronze Award for “Environmental Book of the Year” presented for “Vanishing Treasures of the Philippine Rain Forest”, by Heaney and Regalado.

2007. Elected as Lifetime Emeritus Board Member, Wildlife Conservation Society of the Philippines.

2011. AGHAM Congressional Medal of Excellence in Research and Development; presented by Hon Angelo B. Palmones, Philippine House of Representatives.

2014. Aldo Leopold Award, American Society of Mammalogists, for “Lasting Scientific Contributions to the Conservation of Mammals and Their Habitats”.

2015. Negaunee Curator of Mammals (endowed chair).

2018. Research Fellow, National Museum of the Philippines.

2022. Lifetime Achievement Award, Biodiversity Conservation Society of the Philippines.

2023. C. Hart Merriam Award for “Outstanding Research in Mammalogy”, American Society of Mammalogists.

2024. Distinguished Fellow Award, International Biogeography Society.

PROFESSIONAL SOCIETY MEMBERSHIPS:

 American Society of Mammalogists

 Biological Society of Washington

 Linnean Society of London

 International Biogeography Society

 Sigma Xi

 Biodiversity Conservation Society of the Philippines

ADMINISTRATIVE EXPERIENCE

University of Kansas (1974-1979); Graduate student representative on the following committees: Division of Biological Sciences Executive Committee (2 yrs.); Museum of Natural History Administrative Committee (1 yr); faculty search committees (2).

University of Michigan (1979-1986); Executive Committee, Museum of Zoology, 1982-1986; Publications Committee, Museum of Zoology, 1982-1986; Seminar Committee, Biological Sciences, 1980-1982; Master's Program Committee, member, 1982-1983, Chair, 1983-1984.

Field Museum of Natural History (1988 to present; major assignments only):

 *Administrative service*: Mammal Division Head (1993 - 2013); Brown Fund for Mammal Research coordinator, 1993-present; Science Advisory Council (member, 1990 - 1994, 2004-2014; Chair, 2013-2014); Chair, Malacology Search Committee (1989-1990); Strategic Planning Committee (1991-1992); Research Advisory Committee (1993 - 1996); Tenure and Promotions Appeals Committee (Member 1996, Chair 1998-1999, 2009); Chair, Herpetology Search Committee (1999 - 2000); Zoology Department Promotions Committee, Chair (2003); Chair, Life Sciences Promotion Committee, 2014; Integrative Research Center Promotions Committee (2018-present); Curatorial search committees (2), 2019-2020.

 *General service*: Facilities Planning Advisory Group (1998 - 2006); Pest Committee co-chair, 2000- present; Parker -Gentry Award Committee, 2008-2018.

 *Exhibits*: Zoology Representative, African Exhibit Program (1989-1990); Animal Kingdom Exhibit Project (1989 -1993); Temporary Exhibitions Strategic Planning Committee, 1998-1999; Biodiversity Exhibit Science Content Point Person (2000 - 2001); Crown Family PlayLab exhibit, Academic Affairs representative (2005-2007); Abbott Hall of Conservation, “Islands” subject specialist, 2009-2011; “Worlds Fair 1893" subject specialist, 2012-2013. Hyena Diorama Content Specialist, 2015-2016; Akeley Fighting Elephants Content Specialist, 201-2018; Four Seasons of the White-tailed Deer Content Specialist, 2016-2017; Exploring Philippine Mammals, FMNH Science Hub, 2019-2020.

University of Chicago (1989 - present): Graduate Admissions Committee, Committee on Evolutionary

Biology (1991-92)

Advanced Training Program in the Conservation of Biological Diversity (consortium program of the Field Museum, Chicago Zoological Society, and University of Illinois at Chicago); Director, 1994 to 1996.

TEACHING EXPERIENCE

Courses Taught: University of Michigan (1979-1986): Introductory Biology; Introduction to Evolutionary

Biology; Advanced Zoogeography

University of Chicago: Biogeography (every other year, 1990 to 2020)

 University of Illinois - Chicago: Ecology and Management of Tropical Biodiversity (1994, 1995, 1996)

 Northwestern University: Conservation Biology (1999, 2001)

 University of the Philippines, Diliman: Philippine Biogeography (intensive short course, 2007, 2016)

Seminar Courses: University of Michigan (1979-1986): Mammalian Behavioral Ecology; Life History Tactics of Mammals; Biogeography; Tropical Forest Ecology

Workshop: Mammalian Systematics and Museum Techniques, Silliman University, Philippines (1984)

Field Course: "Advanced Field Training in Philippine Vertebrate Diversity and Conservation Biology". Philippines, 1991-1993. Eight young faculty (or equivalent) participants per year, in three-week sessions, plus four persons/year in Chicago for 2 months of intensive training.

Intensive Training Program: "Advanced Training Program in the Conservation of Biological Diversity". Training for 39 young professional conservation biologists from the tropics. Two sessions per year, 5 - 9 participants per session for 8 or 16 weeks. Primary Core Instructor and Director, 1994 - 1996.

GRANTS (since 2000):

2001. “Development of an Integrated Network for Distributed Databases of Mammal Specimen Data”. National Science Foundation. Three years. Heaney, Lowther, Patterson, Stanley.

2001. “Dissertation Research: Comparative phylogeography of six Philippine fruit bats (Pteropodidae)”. National Science Foundation. Two years. Heaney, Bates, Roberts.

2002. “Building Capacity for Biodiversity Conservation, Research, and Education in Bhutan”. MacArthur Foundation. Three years.Heaney, Bates, Hackett, Kerbis, Willard.

2003. “EPA Star Fellowship for Rebecca Rowe.” Environmental Protection Agency. Three years. Heaney, Rowe.

2006. “A Field Guide to the Mammals of Luzon Island”. Grainger Fund for Science, Field Museum. Two years.

2007. “Collaborative Proposal: Curation, Data-basing, and Integration of the Orphaned Illinois Mammal Collection”. National Science Foundation, with Univ. New Mexico and Brigham Young Univ. Heaney, Stanley.

2008. “Web-Based Education to Promote Philippine Conservation”. Negaunee Foundation. One year.

2009. “Promoting Conservation in the Philippines Through Public Education: A Field Guide to the Mammals of Luzon Island”. Negaunee Foundation.

2009. “Support for the Division of Mammals Preparator”. Negaunee Foundation.

2010. “Promoting Conservation in the Philippines through Public Education: A Field Guide to the Mammals of Luzon Island, Year 2.” Negaunee Foundation.

2011. “Promoting Conservation in the Philippines: The Mammals of Luzon, Year 3". Negaunee Foundation.

2011. “Support for the Mammals Preparation Lab”. Negaunee Foundation.

2011. “Survey of mammals and infectious agents in the Congo River Basin”. Center for Disease Control and Prevention. Stanley, Heaney.

2012. “Mammals of Luzon Project: Completion of Field Surveys”. Grainger Foundation.

2012. “Survey of mammals and infectious agents in the Congo River Basin, Year 2”. Center for Disease Control and Prevention. Stanley, Heaney.

2013. “Patterns of Mammalian Diversity on Mindoro Island, Philippines: Testing Models of Biodiversity Dynamics on Oceanic Islands” National Geographic Society. Heaney, Balete, Rickart.

2013. “The Mammals of Luzon Island: A Natural History”. Negaunee Foundation.

2015. “Promoting Conservation in the Philippines Through Research and Public Education”. Negaunee Foundation.

2017. “Cryogenic vessel for mammal tissue”. Negaunee Foundation.

2018. “Collaborative Research: Rates of lineage, phenotypic, and genome diversification in replicated radiations of murine rodents”. National Science Foundation. Jacob Esselstyn, Louisiana State University, PI; Heaney, Senior Personnel.

2018. “Discovering Diversity: Description of Previously Unknown Species of Mammals”. Negaunee Foundation.

2021. “Of models and specimens: Testing predictions of betacoronavirus hosts with the Field Museum’s mammal tissue collection.” Grainger Science Center Innovation Award for 2021, Field Museum. Ferguson (PI), Goodman, Heaney, and Patterson.

2021. “MRI: Acquisition of a Field-Emission Scanning Electron Microscope for the Field Museum.” Submitted to National Science Foundation. P. Heck (PI), Bieler, Heaney, O’Connor, Williams (Co-PIs).

SERVICE (since 1985)

*American Society of Mammalogists*: Vice President, 2000-2001, 2004-2005; Board of Directors, 1990 - 2000; Committee on Nomenclature, 1984 - 1991; Committee on Conservation of Land Mammals, 1985 - 1995; Program Committee, 1990 - 1996; 75th Anniversary Planning Committee, 1992-1994; Checklist Committee, 1993 - 2000; Animal Care and Use Committee, 1995-1998; Merriam Award Committee, 1996-2003; Grinnell Award Committee, Chair, 2000-2002.

*Wildlife Conservation Society of the Philippines*: Board of Trustees, 1994 - 1996, 1997 - 2007; Emeritus Board Member, 2007-present; Editorial Board, 1993 - present; Threatened Species Committee, Co-Chair 2014-2015, Mammal Section Co-Chair, 2014-present.

*International Biogeography Society*, Founding Member; Conference Committee, 2000- present; Interim Vice President for Development and Membership, 2002-2003; President Elect, 2009-2011; President, 2011-2013; Past President, 2013-2015.

*Journal of Biogeography*: Associate Editor, 2004 - 2016.

*Frontiers of Biogeography*: Associate Editor, 2016 - present.

*National Museum of the Philippines Journal of Natural History*, Editorial Board, 2013 - present*.*

*Publications in Natural History, University of the Philippines - Los Banos Museum of Natural History*, International Board of Editors, 2014 - present.

*Peer Reviews* for the following publications: American Midland Naturalist; American Naturalist; Asia Life Sciences; Biotropica; Bulletin of the American Museum of Natural History; Conservation Biology; Ecology; Evolution; Fieldiana; Global Ecology and Biogeography; International Journal of Primatology; Journal of Biogeography; Journal of Mammalogy; Journal of Morphology; Journal of Tropical Ecology; Proceedings of the National Academy of Sciences; Science; Smithsonian Contributions to Zoology; Smithsonian Press; University of California Press; University of Chicago Press; Sylvatrop (Philippine Journal of Forest Ecology); Journal of Zoology.

*Research proposal reviews* for National Science Foundation, National Geographic Society, Smithsonian Institution, Wildlife Conservation Society, Bat Conservation International, Lubee Foundation.

*Consulting* on conservation issues: Conservation International (Washington office and Philippines); Conservation Breeding Specialist Group (CBSG); International Union for the Preservation of Nature (IUCN); Jersey Wildlife Preservation Trust; Lubee Foundation; MacArthur Foundation; National Geographic Magazine; Philippine Protected Areas and Wildlife Bureau; Smithsonian Institution; World Conservation Monitoring Centre (WCMC); World Wide Fund for Nature (WWF); U.S. Fish and Wildlife Service.

SYMPOSIUM AND WORKSHOP PARTICIPATION (since 2000)

2000. Biological Diversity in the Philippines: an Introduction to Megadiversity in a Nation of Islands. Invited presentation, “Philippine National Biodiversity Conservation Priority-Setting Workshop”, Manila.

2000. Invited Participant, “Foundations and Future of Biogeography”, National Center for Ecological Analysis and Synthesis, Santa Barbara, CA.

2001. Invited Participant, “Foundations and Future of Biogeography, Part II”, National Center for Ecological Analysis and Synthesis, Santa Barbara, CA.

2004. Invited Participant, “Evolution and Conservation of Island Bats”. Association for Tropical Biology and Conservation. Gaineseville, FL (with Trina Roberts as junior author).

2005. Invited Participant, staff meeting of Biodiversity Assessment Subcommittee, Species Survival Committee, IUCN. Cambridge, UK.

2006. Global Mammal Assessment Workshop, Philippines (co-organizer). IUCN/Species Survival Committee. Puerto Princesa, Philippines.

2009. Invited speaker, University of the Philippines Alumni Association in America, symposium on “Building Bridges to the Future”, Washington, DC.

2010. Invited speaker, Biodiversity Forum, Foundation for the Philippine Environment and Department of Environment and Natural Resources, Manila. “Status of Philippine mammal conservation and the impact of climate change”, and launching of new Philippine Mammals Website.

2010. Invited Speaker, Wildlife Biologist Biosafety Meeting, Center for Disease Control, Atlanta, Georgia.

2011. Keynote speaker, “Oceanic island biogeography: emerging perspectives and questions”. International Biogeography Society, Young Investigators Conference, University of Oxford.

2013. Invited Speaker, “Biodiversity Dynamics in Oceanic Archipelagoes: A Call for Integration of Biological and Geological Perspectives”. International Biogeography Society, Florida International University.

2013. Invited participant, “Species diversity dynamics on islands”. Oxford Island Biogeography Workshop, University of Oxford, UK.

2015. Invited Plenary Speaker, Wildlife Conservation Society of the Philippines.

2015. Invited Plenary Speaker, American Society of Mammalogists.

2016. Invited Symposium Organizer, “The role of topography and elevation in biological diversification on

Islands.” Island Biology 2016.

PAPERS PRESENTED AT ANNUAL SCIENTIFIC SOCIETY MEETINGS SINCE 2000:

2000. An analysis of current gaps in the protection of threatened Philippine mammals and our knowledge of their distribution. Wildlife Conservation Society of the Philippines (with N. A. Mallari, B. R. Tabaranza, N. R. Ingle, and E. K. Walker as junior authors).

2001. A molecular phylogeny of the endemic Philippine rodent *Apomys* and its biogeographic implications. Steppan, S. J., L. R. Heaney, and C. Zawadski. American Society of Mammalogists.

2001. A molecular phylogeny of Philippine murid rodents and its implications for patterns of diversification. S. Jansa and L. R. Heaney. American Society of Mammalogists.

2001. Philippine rats of the genus *Bullimus* (Rodentia: Muridae). E. Rickart, L. R. Heaney, and Blas R. Tabaranza, Jr. American Society of Mammalogists.

2002. Conservation of mammalian diversity in the Philippines: new perspectives from the northern Central Cordillera of Luzon. Wildlife Conservation Society of the Philippines (with N. A. Mallari, B. R. Tabaranza, D. S. Balete, G. Gee, and M. Lepiten-Tabao as junior authors).

2003. The biogeography of conservation in oceanic island archipelagos. International Biogeography Society.

2003. Biogeography and Diversification in Philippine Murids of the genus *Apomys*. Wildlife Conservation Society of the Philippines (with Scott J. Steppan and Christopher Zawadski as junior authors).

2003. Testing Models of Island Biogeography: Implications from Philippine Murids of the genus *Apomys*. American Society of Mammalogists (with Scott Steppan and Christopher Zawadski as junior authors).

2003. Philippine murids of the genus *Chrotomys*. American Society of Mammalogists (with Eric A. Rickart as senior author).

2004. A molecular assessment of the origin and evolution of Philippine murid rodents. Wildlife Conservation Society of the Philippines. (With Sharon Jansa as junior author).

2004. Use of the vicariance model of biogeography as a heuristic tool. American Society of Mammalogists.

2005. Use of the vicariance model of biogeography as a heuristic tool. International Biogeography Society.

2005. Local mammal species richness is correlated with peak elevation on Luzon Island, Philippines. American Society of Mammalogists. (Heaney, D. S. Balete, and E. A. Rickart)

2005. Phylogeography of *Sorex palustris* among Utah’s montane islands. American Society of Mammalogists. (A. R Gates, T. E. Roberts, R. J. Rowe, E. A. Rickart, and Heaney)

2005. Habitat disturbance and the ecology of small mammals in the Philippines. American Society of Mammalogists. ( E. A. Rickart, D. S. Balete, Heaney).

2005. Biogeographic history of adaptive radiation by murid rodents in the oceanic Philippine Islands. 9th International Mammalogical Congress. (Heaney, Balete, Jansa, Rickart, Steppan)

2006. Are mammals on islands intrinsically vulnerable to extinction?. Wildlife Conservation Society of the Philippines. (Heaney, D. S. Balete, S. Jansa, E. A. Rickart, and S. Steppan)

2007. The mammals of Mt. Data, Luzon: A 110-year record of faunal and habitat change. Wildlife Conservation Society of the Philippines. (Heaney, D. S. Balete, P. A. Alviola, and E. A. Rickart)

2007. Preliminary report on the mammals of the Mingan Mountains in the Sierra Madre of Luzon Island, Philippines. Wildlife Conservation Society of the Philippines. (P. A. Alviola, D. Balete, M. R. Duya, M. V Duya, and Heaney).

2007. The mammals of Mt. Data, Luzon: A 110-year record of faunal and habitat change. American Society of Mammalogists. (Heaney, D. S. Balete, P. A. Alviola, and E. A. Rickart).

2008. The impact of increasing human population and immigration on Philippine mammals. Wildlife Conservation Society of the Philippines. (Heaney, D. S. Balete, and E. A. Rickart).

2009. The complexities of mammalian diversity and conservation in Mt. Pulag National Park. Wildlife Conservation Society of the Philippines. (L. R. Heaney, D. S. Balete, and M. J. Veluz).

2009. Small Mammals of the Central Cordillera, Luzon: Discovery, Diversity, and Survival. American Society of Mammalogists. (L. R. Heaney, D. S. Balete, E. A . Rickart, and M. J. Veluz).

2010. The distribution of small mammals across gradients of habitat disturbance in the northern Philippines. American Society of Mammalogists. (E. A. Rickart, D. S. Balete, and L. R. Heaney)

2010. Climate change and its impact on Philippine small mammals: A preliminary assessment. American Society of Mammalogists. (L. R. Heaney, E. A. Rickart, and D. S. Balete)

2010. Climate change and its impact on Philippine mammals. Wildlife Conservation Society of the Philippines. (L. R. Heaney, E. A. Rickart, and D. S. Balete)

2011. Oceanic Islands, Species Richness, and Endemism: A Cautionary Tale. International Biogeography Society. (L. R. Heaney, D. S. Balete, S. A. Jansa, S. J. Steppan, and E. A. Rickart)

2011. Surprising diversity: phylogeography of seven new species of forest-mice *Apomys* from Luzon (Philippines) using multiple genes. Society for the Study of Evolution. (S.J. Steppan, R. Justiniano, L. VanderVrede, J. J. Schenk, D. S. Balete, E. A. Rickart, and L. R. Heaney)

2012. Doubling Diversity: a cautionary tale from Luzon Island, Philippines. American Society of Mammalogists. (L. R. Heaney, D. S. Balete, S. A. Jansa, S. J. Steppan, and E. A. Rickart)

2013. Phylogeography of the white-browed shortwing in the Philippines. International Biogeography Society (S. Reddy, M. Wjodyla, B. Alam, H. Mays, P. Hosner, and L. R. Heaney)

2014. Three new species of *Musseromys*: why does it matter? Wildlife Conservation Society of the Philippines. (L. R. Heaney, D. S. Balete, E. A. Rickart, M. J. Veluz, and S. A. Jansa)

2015. The role of biogeography in promoting the conservation of mammalian diversity in the Philippines. American Society of Mammalogists

2016. The small mammals of Mindoro Island: an initial assessment of diversity. Biodiversity Conservation Society of the Philippines.

2016. Rates and patterns of morphological diversification in two clades of Philippine murine rodents. American Society of Mammalogists. (D. M. Rowsey, S. A. Jansa, and L. R. Heaney)

2016. Dynamics of genetic and morphological diversification in an incipient intra-island radiation of Philippine rodents. American Society of Mammalogists. (C. C. Kyriazis, J. M. Bates, and L. R. Heaney\*)

2016. The role of topography in speciation by mammals within a complex plate-margin island. Island Biology 2016 (L. R. Heaney\*, et al.)

2017. The shrew from Palawan. American Society of Mammalogists (Hutterer, Balete, Giarla, Heaney\*, Esselstyn).

2018. How small an island? Speciation by endemic mammals (*Apomys*, Muridae) on an oceanic Philippine island. Biodiversity Conservation Society of the Philippines (Heaney\*, Kyriazis, Balete, Steppan, Rickart).

2018. Incumbency and ecological opportunity in two clades of oceanic island endemic rodents (Muridae: Murinae). American Society of Mammalogists (Rowsey\*, Heaney, Jansa).

2018. New perspectives on mammalian diversity on Mindoro Island, Philippines. Biodiversity Conservation Society of the Philippines (Heaney\*, Balete, Duya, and Veluz).

2019. Three new extinct species from the endemic Philippine giant cloud rat radiation (Rodentia, Muridae, Phloeomyini). American Society of Mammalogists (Ochoa, Mijares, Piper, Reyes, and Heaney\*).

2019. The role of collection-based research in promoting the conservation of mammalian diversity in the Philippines. American Society of Mammalogists (Heaney\*, Rickart, and Balete).

2021. Wallacea: a brief history of a tortuous tangle of biogeographical concepts. American Society of Mammalogists (Ali and Heaney\*).

2021. The mammals of Mt. Pinatubo, Luzon Island, Philippines: extreme resilience following catastrophic disturbance. American Society of Mammalogists (Rickart\*, Balete, Heaney).

2021. Living small in the clouds: body size and bone microstructure in Philippine cloud forest rodents. American Society of Mammalogists (Smith\*, Heaney, Angielzcyk).

2021. How small an island? Minimum area for speciation and the latitudinal diversity and speciation-area relationships. American Society of Mammalogists (S. J. Steppan\*, M. R. Bangs, J. R. Ali, L. R. Heaney, and S. Meiri).

2021. Extinct giant cloud rats and tigers in the Philippines: new perspectives from the fossil record. Biodiversity Conservation Society of the Philippines. (J. A. Ochoa\*, A. S. B. Mijares, A. Garong, and L. R. Heaney\*).

2021. Yes, they really do eat earthworms: DNA metabarcoding to determine deeding niches of small mammals from Luzon Island. Biodiversity Conservation Society of the Philippines. (A. L. Petrosky, D. M. Rowsey, and L. R. Heaney\*).

2022. Phylogenetic signal in trabecular bone of the Philippine endemic earthworm-mouse Chrotomys. Society for Integrative and Comparative Biology. (S. M. Smith\* and L. R. Heaney).

2022. Philippines rodents and shrews show the process of colonization and speciation over evolutionary time. International Biogeography Society. (D. M. Rowsey\* and L. R. Heaney).

2022. Discovering diversity: a new center of mammalian endemism on Mindanao Ilsand, Philippines. American Society of Mammalogists (L. R Heaney\*, D. S. Balete, J. Ibanez, R. Quidlat, E. A Rickart, and D. M. Rowsey)

2022. Diversification of Philippine murid rodents: mating system disparity suggests the involvement of sexual selection. American Society of Mammalogists (E. A. Rickart\*, D. M. Rowsey, T. H. Horton, V. Fitzpatrick, D. S. Balete, and L. R. Heaney)

2022. Locomotion, body mass, and phylogeny are reflected in trabecular bone of Philippine “earthworm mice” (Chrotomyini). American Society of Mammalogists (S. M. Smith, J. Nations, and L. R. Heaney)

2022. The taphonomy of small mammals from Callao Cave (ca. 67 ky BP to 3.6 ky cal. BP): Methods and preliminary assessment. 22nd Indo-Pacific Prehistory Association (IPPA) Congress. (P. S. Cabrera\*, J. C. Rofes, J. Ochoa, L. R. Heaney, & A. S. B. Mijares)

2022. Multi-scale morphological effects of body size in an arboreal rodent clade (Muridae: Phloeomyini) Society for Intergrative and Comparative Biology. (S. M. Smith, L. R. Heaney, and K. Angielczyk)

2022. On the origins and modern extent of Philippine mammalian diversity. Biodiversity Conservation Society of the Philippines. (L. R. Heaney, D. M. Rowsey, and Janine Ochoa)

2023. Multi-scale morphological effects of body size in a fully arboreal clade of rodents (Muridae:Phloeomyini). Society for Integrative and Comparative Biology (S. M. Smith,, K. D. Angielczyk, and L. R. Heaney)

2023. Body size effects on trabecular bone morphology in Philippine cloud forest rodents. International

 Congress of Vertebrate Morphology Cairns, Queensland, Australia (S. M. Smith, K. D.

Angielczyk, and L. R. Heaney)

PUBLICATIONS: (\* = non-technical, not peer reviewed)

1. Tuttle, M. D., and L. R. Heaney. 1974. Maternity habits of *Myotis leibii* in South Dakota. Bulletin of the Southern California Academy of Science, 73:80-83.

2. Heaney, L. R., and E. C. Birney. 1975. Comments on the distribution and natural history of some mammals

in Minnesota. Canadian Field-Naturalist, 89:29-34.

3. Heaney, L. R., and E. C. Birney. 1976. Distribution and natural history notes on some mammals from

Puebla, Mexico. Southwestern Naturalist, 21:543-545.

4. Timm, R. M., L. R. Heaney, and D. D. Baird. 1977. Natural history of rock voles (*Microtus chrotorrhinus*) in

 Minnesota. Canadian Field-Naturalist, 91:177-181.

5. Heaney, L. R. 1978. Island area and body size of insular mammals: evidence from the tri-colored squirrel (*Callosciurus prevostii*) of Southeast Asia. Evolution, 32:29-44.

6. Heaney, L. R., and R. W. Thorington, Jr. 1978. Ecology of Neotropical red-tailed squirrels, *Sciurus granatensis*, in the Panama Canal Zone. Journal of Mammalogy, 59:846-851.

7. Heaney, L. R., and R. S. Hoffmann. 1978. A second specimen of the Neotropical montane squirrel,

 *Syntheosciurus poasensis*. Journal of Mammalogy, 59:854-855.

8. Heaney, L. R. 1979. A new species of tree squirrel *(Sundasciurus*) from Palawan Island, Philippines

 (Mammalia: Sciuridae). Proceedings of the Biological Society of Washington, 92:280-286.

9. Thorington, R. W., and L. R. Heaney. 1981. Body proportions and gliding adaptations of flying squirrels (Petauristinae). Journal of Mammalogy, 62:101-114.

10. Heaney, L. R., P. D. Heideman, and K. M. Mudar. 1981. Ecological notes on mammals in the Lake

 Balinsasayao region, Negros Oriental, Philippines. Silliman Journal (Philippines), 28:122-131.

11. Heaney, L. R., and D. S. Rabor. 1982. Mammals of Dinagat and Siargao Island, Philippines.

Occasional Papers of the Museum of Zoology, University of Michigan, 699:1-30.

12. Heaney, L. R., and G. S. Morgan. 1982. A new species of gymnure (*Podogymnura*) from Dinagat Island, Philippines (Mammalia: Erinaceidae). Proceedings of the Biological Society of Washington, 95:13-26.

13. Timm, R. M., E. B. Hart, and L. R. Heaney. 1982. Karyotypic variation in pocket gophers (Geomyidae:

*Geomys*) from a narrow contact zone in Nebraska.Mamm. Chromosome Newsletter, 23:108-117.

14. Glanz, W. E., R. W. Thorington, J. Madden, and L. R. Heaney. 1982. Seasonal food use and

demographic trends in *Sciurus granatensis*. pp. 239-252, In E. G. Leigh, A. S. Rand, and D. M. Windsor (eds.), The ecology of a tropical forest: seasonal rhythms and long-term changes. Smithsonian Institution Press, Washington.

15. Heaney, L. R., and R. M. Timm. 1983. Systematics and distribution of shrews of the genus *Crocidura* (Mammalia: Insectivora) in Vietnam. Proceedings of the Biological Society of Washington, 96:115-120.

\*16. Heaney, L. R. 1983. Acta Theriologica Sinica (review). Journal of Mammalogy, 64:362.

17. Heaney, L. R., and R. M. Timm. 1983. Relationships of pocket gophers of the genus *Geomys* from

the central and northern Great Plains. Miscellaneous Publications of the Museum of Natural History, University of Kansas, 74:1-59.

18. Heaney, L. R. 1983. *Sciurus granatensis*. pp. 489-490. In D. H. Janzen (ed.), Costa Rican Natural History. University of Chicago Press. 816 pp.

19. Heaney, L. R. 1984. Mammalian species richness on islands on the Sunda Shelf, Southeast Asia.

Oecologia, 61:11-17.

20. Heaney, L. R. 1984. Mammals from Camiguin Island, Philippines. Proceedings of the Biological Society of Washington, 97:119-125.

21. Heaney, L. R., and R. L. Peterson. 1984. A new species of tube-nosed fruit bat (*Nyctimene*) from

Negros Island, Philippines (Mammalia: Pteropodidae). Occasional Papers of the Museum of Zoology, University of Michigan, 708:1-16.

22. Heaney, L. R. 1984. Climatic influences on life history tactics and behavior of North American tree

squirrels. pp. 43-78. In J. O. Murie and G. R. Michener (eds), The biology of ground dwelling squirrels. University of Nebraska Press. 459 pp.

23. Wells-Gosling, N., and L. R. Heaney. 1984. *Glaucomys sabrinus*. Mammalian Species, 229:1-8.

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