

W. Eugene Hall

WORK ADDRESS

Collection Manager: Zoology Section
CU Museum of Natural History
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EDUCATION

1998: MS in Entomology: Department of Entomology, Dr. David Maddison Lab, University of Arizona.

1995: BFA in Studio Art: Painting, Department of Art, University of Arizona, Tucson.

1981 High School: Sabino High School, Tucson, Arizona.

PRINCIPAL AREAS OF PROFESSIONAL INTEREST

Management of Natural History Collections/Curatorial techniques.

Evolutionary relationships of Coleoptera.

Broad interest in Entomology and natural history in general.

CURRENT RESEARCH

Systematics, phylogenetics and biogeography of Ptiliidae (Coleoptera: Staphylinoidea).

Phylogenetics of Sphaeriusidae and Hydroscaphidae (Coleoptera: Myxophaga).

Morphological survey/literature review of the Coleoptera pterothorax.

Review of Desert Coleoptera.

Fossil insects from fossil packrat middens and amber.

PRINCIPAL AREAS OF PERSONAL INTEREST

Art (painting, illustration); Hiking, being outdoors, road trips; Collecting music; Fly tying and fly fishing; Reading (natural history, poetry, art history; non-fiction); Environmental issues.

PROFESSIONAL EXPERIENCE

Collections Manager: Invertebrate Zoology (2001-present), Invertebrate Paleontology (2001-2003), Vertebrate Zoology (2003-2005) CU Museum of Natural History, University of Colorado, Boulder.

Collections Manager: Division of Entomology, University of Nebraska State Museum, Lincoln, NE (1998- 2001).

Fossil Packrat Middens Research. Assistant Researcher to Dr. Thomas R. Van Devender, Arizona-Sonora Desert Museum, Tucson (1983-1995).

Arizona-Sonora Desert Museum. Arthropod Keeper (1984-1985).

PRE-PROFESSIONAL EXPERIENCE

University of Arizona Insect Collection. Assist in Curatorial Duties (1984-1998).

University of Arizona Insect Identification Clinic. Assistant (1990-1998).

University of Arizona Invertebrate Zoology Collection. Curation (Fall 1991).

Arizona-Sonora Desert Museum. Volunteer: Invertebrates (Summer 1983).

University of Arizona Herpetology Collection. Lab, fieldwork (Fall 1980- Fall 1982).

University of Arizona Ichthyology Collection. Curation, lab work (Fall 1980).

University of Arizona Paleoenvironmental Laboratory. Curation, lab and fieldwork related to fossil pack rat midden research (Summer 1979-Summer 1985).

TEACHING/OUTREACH

Munching Melanoplus Program. Summer course for secondary/high school teachers using insects as educational tools. 1993–1995. University of Arizona, Tucson.

Career Day at Reid Park Zoo. Annual event using outreach to interest the public in science as a career. 1994–1996. Tucson, AZ.

Jewels of the Night. Assistant to Carl Olson, instructor. Night time summer event, presenting arthropod diversity in the southwest (Santa Rita Mountains, AZ). 1993–1996.

Ptiliidae web page coordinator on the Tree of Life. A multi-authored, distributed internet project containing information about phylogeny and biodiversity. 1996 – present.

<http://tolweb.org/tree?group=Ptiliidae&contgroup=Staphylinoidea>

Insect Systematics (Course lab assistant), Fall 1997. University of Arizona, Tucson.

Outside Examiner for Honors Student, 1999. Knox College, Galesburg, IL.

Insect Diversity (Coleoptera lab), December 2001, 2003. University of Colorado, Boulder.

Ask the Expert (Zoology Section). 2002, 2003, 2004. CU Museum of Natural History, Open House Celebrating Museum's Centennial. University of Colorado, Boulder.

Collections Management and Conservation (guest lecturer), June 2002. 'Introduction to Museum Studies' course, University of Colorado, Boulder.

Curatorial Techniques of Zoology Collections. Co-instructor. Fall 2002. University of Colorado, Boulder.

Graduate Committee member, 2004–2006. Roxana Raska, Museum & Field Studies Program, University of Colorado, Boulder.

GRANTS/AWARDS

Visiting Scholar Grant (1996, 1999, 2000), Division of Insects, Field Museum of Natural History.

Ernst Mayr Grant (1997), Museum of Comparative Zoology, Harvard University.

Putney Fund (1998, 1999, 2000), University of Nebraska State Museum.

Research Training Grant (1996), Department of Ecology and Evolutionary Biology, University of Arizona.

'Outstanding Paper of the Year' award, Coleopterists Society (1995) for the 1994 Coleopterists Bulletin paper by T. R. Van Devender and W. E. Hall.

PROFESSIONAL SOCIETIES

Entomological Society of America
Coleopterists Society (Editorial Board and Open Access Journal Committee)
Windstar Foundation (Environmental Scholarship Committee)

MANUSCRIPT REVIEWER

Annals of the Entomological Society of America, Coleopterists Bulletin, Pan Pacific Entomologist, Zootaxa

SEMINARS AND PRESENTATIONS

Featherwing Beetles (Coleoptera: Ptiliidae) Associated with Ants and Termites. Entomological Society of America Annual Meeting, December 2000, Montreal, Canada.

Featherwing Beetles (Coleoptera: Ptiliidae): Systematics, Morphology and Biology. Entomological Society of America Annual Meeting, December 1999, Atlanta, Georgia.

A Revision of the Tribe Nanosellini (Coleoptera: Ptiliidae: Ptiliinae). Entomological Society of America Annual Meeting, November 1998, Las Vegas, Nevada.

Review of North American Featherwing Beetles (Coleoptera: Ptiliidae) and Revision of the Tribe Nanosellini (Coleoptera: Ptiliidae: Ptiliinae). Masters Degree Defense, May 1998, University of Arizona, Tucson, Arizona.

PUBLICATIONS

Hall, W.E., T.R. Van Devender and C.A. Olson. **1988**. Late Quaternary Arthropod Remains from Sonoran Desert Packrat Middens, Southwestern Arizona and Northwestern Sonora. *Quaternary Research*. 29: 277-293.

Hall, W.E., C.A. Olson and T.R. Van Devender. 1989. Late Quaternary and Modern Arthropods from the Ajo Mountains of Southwestern Arizona. *Pan-Pacific Entomologist*. 65(3): 322-347.

Hall, W.E., T.R. Van Devender and C.A. Olson. **1990**. Arthropod history of the Puerto Blanco Mountains, Organ Pipe Cactus National Monument, Southwestern Arizona. In "Fossil Packrat Middens: The last 40,000 years of Biotic Change in the Arid West" (P.S. Martin, T.R. Van Devender, J.L. Betancourt, Eds.). Univ. of Arizona Press, Tucson.

Van Devender, T.R., A.M. Rea and **W.E. Hall. 1991.** Faunal Analysis of Late Quaternary Vertebrates from Organ Pipe Cactus National Monument, Southwestern Arizona. *Southwestern Naturalist*. 36(1): 94-106.

Olson, C.A. and **W.E. Hall. 1992.** Cockroaches of Arizona. Cooperative Extension Bulletin, No. 191059, College of Agriculture, University of Arizona.

Van Devender, T.R. and **W.E. Hall. 1993.** Fossil Arthropods from the Sierra Bacha, Sonora, Mexico. *Ecologica*. 3(1): 1-12.

Van Devender, T.R. and **W.E. Hall. 1994.** Holocene Arthropods from the Sierra Bacha, Mexico, with Emphasis on Beetles (Coleoptera). *Coleopterists Bulletin*, 48(1): 30-50.

Hall, W. E. 1999. Generic Revision of the Tribe Nanosellini (Coleoptera: Ptiliidae: Ptiliinae). *Transactions of the American Entomological Society* 125 (1- 2): 39 - 126.

Hall, W. E. 1999. Swimming Through the Air: Size Does Matter. *Museum Notes, University Of Nebraska State Museum*, No. 104.

Hall, W. E. 2000. Ptiliidae Erichson, 1845, pp. 233-246. In: Arnett, R. H., Jr. and M. C. Thomas (eds.). 2000. *American Beetles*. Vol. 1. Archostemata, Myxophaga, Adepaga, Polyphaga: Staphyliniformia. CRC Press, Boca Raton, Florida. xv + 443 pp.

Hall, W. E. 2000. Microsporidae Crotch, 1873, pp. 24-26. In: Arnett, R. H., Jr. and M. C. Thomas (eds.). 2000. *American Beetles*. Vol. 1. Archostemata, Myxophaga, Adepaga, Polyphaga: Staphyliniformia. CRC Press, Boca Raton, Florida. xv + 443 pp.

Hall, W. E. 2000. Hydroscaphidae LeConte, 1874, pp. 27-29. In: Arnett, R. H., Jr. and M. C. Thomas (eds.). 2000. *American Beetles*. Vol. 1. Archostemata, Myxophaga, Adepaga, Polyphaga: Staphyliniformia. CRC Press, Boca Raton, Florida. xv + 443 pp.

Mico, E., **W. E. Hall** and B. C. Ratcliffe. **2001.** Descriptions of the Larvae of *Hoplopyga singularis* (Gory and Percheron) and *Hologymnetis cinerea* (Gory and Percheron) with a Revised Key to the Larvae of the New World Gymnetini (Coleoptera: Scarabaeidae: Cetoniinae). *Coleopterists Bulletin*, 55 (2): 205-217.

Hall, W. E. 2001. (book review). *Texas Bug Book: The Good, the Bad, and the Ugly*. Great Plains Research, Vol. 11, No. 1: 204-206.

Hall, W.E. 2003. Sphaeriusidae (Coleoptera). pp. 37-41. *In: Water Beetles of China, Volume 3*. Wien: Zoologisch-Botanische Gesellschaft in Österreich and Wiener Coleopterologenverein.

Hall, W. E. 2003 *Limulopteryx*, a new genus of neotropical featherwing beetle (Coleoptera: Staphylinoidea: Ptiliidae) and comments on pteryicine ptiliids. Pp. 85-102. -In: G. Cuccodoro and R.A.B. Leschen (eds.), *Systematics of Coleoptera:*

Papers Celebrating the Retirement of Ivan Lóbl. Memoirs on Entomology, Volume 17. International Associated Publishers, Florida.

Guralnick, R., **W.E. Hall** and S. Perkins. **2004.** A comparative approach to understanding causes and consequences of mollusk-digenean size relationships: a case study with allocreadiid trematodes and *Cycloclayx* clams. *Journal of Parasitology*, 90(6): 1253-1262.

Hall, W. E. 2005. Ptiliidae. Pp. 251- 261 in R. G. Beutel and R.A.B. Leschen (eds.), Handbook of Zoology, Volume 4. Arthropoda: Insects: Part 38. Coleoptera, Beetles. Volume 1: Morphology and Systematics. De Gruyter, Berlin/New York.

ILLUSTRATIONS

McNamee, G. 1994. Gila: The Life and Death of an American River. Crown Publishers.

Smith, R. L and W.B. Thomas. 1988. Southwestern distribution and habitat ecology of *Gryllodes supplicans*. Bulletin of the Entomological Society of America, Winter 1988.

Werner, F.G. and D. S. Chandler. 1995. Anthicidae (Insecta: Coleoptera). Fauna of New Zealand, No. 34. (W.E. Hall illustrator, Figures 6-10).

Werner, F.G. and C.A. Olson. 1994. Learning About and Living with Insects of the Southwest (W.E. Hall, illustrator). Fisher Books, Tucson, Arizona, 162pp.