

CURRICULUM VITA

Robert C. Dowler, Ph. D.

OFFICE ADDRESS: Department of Biology
Angelo State University
San Angelo, TX 76909

TELEPHONE: Office: 325/942-2189 x239

EDUCATION: B.S. (Natural Resources) June 1974;
Ohio State University, 1970-74;
Major area: wildlife management

M.A. (Museum Science), August 1976
Texas Tech University, 1974-1976
Major area: vertebrate collection management.

Ph.D. (Wildlife and Fisheries Sciences), December 1982
Texas A&M University, 1978-1982
Major area: mammalian systematics.
Dissertation title: Genetic interactions among three chromosomal races
of the *Geomys bursarius* complex.

PROFESSIONAL POSITIONS:

Mr. and Mrs. Victor P. Tippet University Professor of Biology
Angelo State University, September 1999-present.

Professor, Department of Biology
Angelo State University, September 1995-present.

Associate Professor, Department of Biology
Angelo State University, August 1991-August-1995.

Assistant Professor, Department of Biology
Angelo State University, August 1988-August 1991.

Assistant Professor, Department of Biological Sciences
Fordham University, August 1982-August 1988. (Tenured April 1988).

Tom Slick Graduate Research Fellow
Department of Wildlife and Fisheries Sciences
Texas A&M University, January 1981-December 1981. Fellowship
awarded by the College of Agriculture, Texas A&M University.

Instructor, Department of Wildlife and Fisheries Sciences
Texas A&M University, August 1979-July 1980.

PROFESSIONAL POSITIONS (continued):

Graduate Research Assistant, Department of Wildlife and Fisheries Sciences, Texas A&M University, August 1978-August 179; August 1980-December 1980; January 1982-August 1982.

Associate Curator in the Museum of the High Plains and Instructor in Biology, Fort Hays State University, KS, August 1976-August 1978.

UNIVERSITY SERVICE (Angelo State University)

ELECTED POSITIONS

Faculty Council, 1990-1992

Tenure and Promotions Committee, 2001-2003; 2006-2007.

APPOINTED POSITIONS-University Committees

International Education Committee, 2007-present

Everhart Scholarship Committee, 1991-present

Faculty Development and Enrichment Committee, 1989-1990; 1999; Chair, 2000-2003.

Admissions Committee, 1993-1994

Academic Excellence Committee, 1993-1997

University Curriculum Committee, 1996-1998

Director of Library Search Committee, 1995-1996

University Task Force Committee on Teaching Evaluation & Faculty Development, 1998-1999

Vice President for Academic Affairs Search Committee, 1999-2000

University Self Study Committee, Library and Learning Resources, 2000

ad hoc Tenure Review Committee (chair) for Agriculture Department, 2000

Dean, College of Sciences Search Committee, 2005-2006

ad hoc Endowed Chair and Professorship Guidelines Committee, 2008

APPOINTED POSITIONS-Departmental Committees

Chair, Departmental Peer Review Committee, 2008-2009

Graduate Assistant Selection Committee 1993-present

Ecologist Search Committee, 1995-1996

Biology Instructor Search Committee, 1995-1996

Molecular Biologist Search Committee, 1995-1996

Science Education Search Committee, 1998-1999

Visiting Professor Search Committee, 1998-1999

Anatomy & Physiology Search Committee, 1999

Cell/Molecular Biologist Search Committee, 2001-2002

Building Expansion Committee, 1999

Non-majors Biology Search Committee, 2003

TEACHING EXPERIENCE

Angelo State University

Undergraduate:

Problem Solving in Biology
Principles of Biology
Man and the Environment
General Zoology
Seminar in Biology
Evolution
Mammalogy
Conservation Biology
Field Methods in Mammalogy
Ecotourism and Biodiversity (International Studies course in Costa Rica-06, 08)
History and Function of Natural History Museums (International Studies Course-Europe 09)

Graduate:

Experimental Techniques in Biology
Principles of Biosystematics
Advanced Biology
Biometrics and Experimental Design
Graduate Seminar
Natural History Museums in Europe:
Contributions to Modern Biology
(International Studies Course-Europe 09)

Fordham University

Undergraduate:

Biological Concepts
Zoology
Biology and Man
Mammalogy

Graduate:

Mammalogy
Conservation Biology
Principles of Ecology
Vertebrate Ecology and Behavior
Biological Colloquium

Texas A&M University

Undergraduate:

Museums and their Functions
Nature Centers for Learning
Ecology for Teachers

Fort Hays State University

Undergraduate:

Wildlife Management

Graduate:

Museum Collection Management
Museum Field Methods

PROFESSIONAL AFFILIATIONS:

American Society of Mammalogists, member, 1975-present; Life Member, 2006. Board of Directors, 2002-2006; Committee on Systematics Collections, 1997-present; member, Committee on Legislation and Regulations, 1979-1987; Chairman, Committee on Legislation and Regulations, 1982-1986; member, *ad hoc* Committee for Animal Care Guidelines, 1984-1985; member, *ad hoc* Committee on Acceptable Field Methods in Mammalogy, 1985-1987.

Southwestern Association of Naturalists, Elected to President-elect, 2009; Elected to Board of Governors, 1989-2001; Chair, *ad hoc* Committee for Disposition of Back Issues of *The Southwestern Naturalist*, 1992-present; Wilkes Award Committee, 2003; member, 1976-present;.

PROFESSIONAL AFFILIATIONS (continued):

Texas Society of Mammalogists, member 1989-present; Patron member; President, 2000; President-Elect, 1999; Secretary- Treasurer, 1994-1998; Executive Committee, 2001-present; Chair, Government Liaison Committee, 1991-present; member, Committee on Honoraria, 1991.

International Union for Conservation of Nature, 2003. Invited to serve as a member of the Species Survival Commission Rodent Specialist Group for IUCN..

Society for the Preservation of Natural History Collections, 1988-present. Member, Resource Committee, 1989.

Texas Academy of Sciences, 1991-present.

Society of Systematic Biology, 1976-present.

The Wildlife Society, 2007-present.

Research Associate, The Museum, Texas Tech University, 2007-present.

Research Associate, Section of Mammals, Carnegie Museum of Natural History, 1983-95.

Society for the Study of Evolution, 1980-1994.

Society for Conservation Biology, 1987-1993.

Society for the Study of Mammalian Evolution, 1993-2002.

Sigma Xi, 1983-1995.

Brazos Valley Museum, Bryan, Texas; Member of Board of Trustees, 1979-1982.

AWARDS

2005 Distinguished Faculty Achievement Award for the College of Science, Angelo State University Alumni Association

Edgewood High School Alumni Association, inducted in Edgewood Hall of Fame, September 2004.

Angelo State University Teaching Excellence Award, 2002 - 2003.

Robert L. Packard Outstanding Educator Award, Southwestern Association of Naturalists, April 2003

Awarded distinction as Scientific Fellow of the New York Zoological Society, 1988

Received award as Outstanding Doctoral Student, 1982, Department of Wildlife and Fisheries Sciences, Texas A&M University.

GRANTS:

Angelo State University Faculty Development Grant, \$3998. Curation and Expansion of the Collection of Mammals, Angelo State Natural History Collections. January 2009.

James A. "Buddy" Davidson Charitable Foundation, \$45,000. Wildlife Biology in West Texas: Ecology of Medium-sized Carnivores. September 2008.

GRANTS (continued):

Angelo State University Research Innovation Grant, \$6000. Captive Management of Galapagos Rodents as a Safeguard to Extinction. January 2008.

Texas Parks and Wildlife Department, \$1000. A Survey of Mammals of Bentsen Rio Grande Valley State Park. October, 2007.

Angelo State University, Research Enhancement Grant, \$9,113. Expansion of Galapagos Island Rodent Research, Dec, 2006.

Angelo State University, Research Enrichment Grant, \$2,400. Conservation Status of Skunks and Weasels in Texas. October 2006.

Research Grant, Texas National Guard, \$31,105. Survey of the Mammals, Reptiles, and Amphibians of Camp Bowie, August 2006 (co-principal investigator with Michael Dixon).

Research Grant, Texas National Guard, \$63,975. Bat Survey of Texas National Guard Training Sites, September 2005 (co-principal investigator with Loren Ammerman).

Research Grant, U. S. Department of Agriculture. \$33,479; A Field Survey of Small and Medium-sized Mammals of the Rio Grande Corridor-year 2, July 2005 (co-principal investigator with Loren Ammerman).

Angelo State University, Research Enhancement Grant, \$9,400. Field Investigations of Rare Mammals in Booderee National Park, Australia, Dec, 2004.

Research Grant, Texas Parks and Wildlife Department, \$10,000; Ecology of three species of skunks in west Texas with emphasis on developing management recommendations for the hog-nosed skunk, (grant extension) September 2004.

Research Grant, U. S. Department of Agriculture. \$24,731; A Field Survey of Small and Medium-sized Mammals of the Rio Grande Corridor (co-principal investigator with Loren K. Ammerman, July 2004).

Research Grant, Texas Parks and Wildlife Department, \$1500; A Short-term Survey of Mammals of Lake Brownwood State Park, January 2003.

Research Grant, Texas Parks and Wildlife Department, \$43,000; Ecology of Three Species of Skunks in West Texas with Emphasis on Developing Management Recommendations for the Hog-nosed Skunk, September 2002.

Research Grant, Texas Adjutant General's Office, Texas Army National Guard, \$24,000. "Survey of Mammals, Reptiles, and Amphibians of Camp Bowie" April, 2002.

Research Enhancement Grant, Angelo State University, \$10,000; "Field Investigations of Bats on the Island of Sulawesi, Indonesia" January 2002.

Research Enhancement Grant, Angelo State University, \$10,000; "Biological Investigations of Skunk Ecology in West Texas" January 2001.

GRANTS (continued):

Research Grant, National Science Foundation, \$154,929; Database development and internet dissemination for the biodiversity of the Concho Valley of West-Central Texas (co-principal investigator with B.A. Amos, T.C. Maxwell, and J.K. McCoy, June 2000-May 2002).

Research Enhancement Grant, Angelo State University, \$9,000; "Biological Survey for Endemic Rodents on Isla Isabela, Galápagos Islands, Ecuador." January 2000.

World Wildlife Fund, Inc. Travel Grant, \$1,117; to attend the Galápagos Biological Assessment Workshop held in the Galápagos Islands, 26-28 May 1999.

National Geographic Society, \$21,400; "Status of the endemic rodents of the Galápagos Islands, Ecuador." June 1999.

Texas Parks & Wildlife Department, \$6930; "Survey of mammals, amphibians, and reptiles of San Angelo State Park." April, 1999 (co-principal investigator with J. K. McCoy).

Research Enhancement Grant, Angelo State University, \$8,966; "Conservation biology and systematic relationships of the endemic rodents of the Galapagos Islands." February 1999.

Texas Parks & Wildlife Department, \$7000; "Characterization and documentation of the amphibian, reptilian, and mammalian faunas of the Devils River State Natural Area " April 1998 (co-principal investigator with J. K. McCoy and T. C. Maxwell).

Research Enhancement Grant, Angelo State University, \$12,742; "A rapid assessment survey of mammals on two islands of the Galapagos Archipelago." February 1997.

Research Enhancement Grant, Angelo State University, \$8,774; "The mammals of the Yucatan Peninsula: Establishment of a database for known specimens." February 1996.

Research Contract, U.S. Army, Fort Hood, administered through The Nature Conservancy, \$82,000; "Medium-sized mammal survey" September 1995.

Research Enhancement Grant, Angelo State University, \$15,761; "Survey of the last endemic rodents (genus *Nesoryzomys*) of the Galapagos Islands." February 1995.

Research Enhancement Grant, Angelo State University, \$9471; "The mammals of Guyana: A field survey in the south central region." March 1994.

Research Enhancement Grant, Angelo State University, \$1720; "The mammals of the Yucatan Peninsula: Analysis of specimens housed in museum collections in Mexico City." March 1993.

Research Enhancement Grant, Angelo State University, \$8700; "The mammals of the Yucatan Peninsula: Analysis of specimens housed in three major museum collections in the United States." February 1992.

Texas Nature Conservancy, Small Grants Research Program, \$1158; "Mammals of Brushy Canyon Preserve." January 1991.

Research Enhancement Grant, Angelo State University, \$6950; "Mammals of the Yucatan Peninsula," May 1990.

GRANTS (continued):

Organized Research Grant, Angelo State University, \$4000; "Distribution and Biogeography of Mammals of the Yucatan Peninsula of Mexico," May 1989.

Nixon Griffis Fund for Zoological Research, New York Zoological Society, \$3000; "An assessment of genetic variability in North American captive Gorillas," September 1987.

Mellon Summer Faculty Development grant, \$750; Fordham University; "Expansion of the undergraduate training program in field biology," May 1987.

Travel Grant, \$500; Carnegie Museum of Natural History, "Systematics of the New England Cottontail, *Sylvilagus transitionalis*," October 1986.

Nixon Griffis Fund for Zoological Research, New York Zoological Society, \$3000; "A Cytogenetic Survey of Captive Gorillas in the United States," May 1986.

Faculty Research Grant, Fordham University, \$2,000; "Distributional Limits of Mammals on the Yucatan Peninsula of Mexico," April 1986.

Faculty Research Grant, Fordham University, \$2,000; "Mammalian distribution and biogeography of the Yucatan Peninsula of Mexico," April, 1984.

Travel Grant, Section of Mammals, Carnegie Museum of Natural History \$1000; "Research on Mammals of the Yucatan Peninsula of Mexico," June 1984.

New Jersey Department of Environmental Conservation, Division of Nongame and Endangered Species, \$2500; "Evaluation of small mammal survey techniques," July 1983.

Mellon Summer Faculty Development grant, Fordham University \$950; "Establishing a cytogenetic research program with the Bronx Zoological Park," May 1983.

Faculty Research Grant, Fordham University, \$2000; "Genetic interactions among three races of pocket gophers (*Geomys*)" April 1983.

Awarded the Tom Slick Graduate Research Fellowship (\$6000) by the College of Agriculture, Texas A&M University, January, 1981. An additional award of \$1000 for research costs and travel was received in conjunction with the fellowship.

GRADUATE STUDENTS - Doctor of Philosophy

Eloise Aita, Ph.D. in Biological Sciences, Fordham University, 1990. Dissertation topic: Genetic variability in gorillas (*Gorilla gorilla*): implications for long term captive management.

Danny C. Wharton, Ph.D. in Biological Sciences, Fordham University, 1990. Dissertation topic: Backcrossing as a species restoration technique. Currently Director, Central Park Zoo, New York.

GRADUATE STUDENTS - Master of Science:

Luis A. Ruedas M.S. in Biological Sciences, Fordham University, 1986. Thesis topic: Chromosomal variability in the New England cottontail, *Sylvilagus transitionalis* (Bangs), 1895 with evidence for recognition of a new species. Completed Ph.D., Texas A&M University, 1992. Currently Assistant Professor, Portland State University, Oregon.

Susan J. Basford M.S. in Biological Sciences, Fordham University, 1988. Thesis topic: A study of temperature regimes at Sandy Point, St. Croix and possible effects on hatchlings of leatherback sea turtles (*Dermochelys*) (completed degree under G. Dale after my departure from Fordham University). Currently Director, Reid Park Zoo, Tucson, Arizona.

Kathy L. Curran M.S. in Biological Sciences, Fordham University, 1988. Thesis topic: Behavior of the raccoon, *Procyon lotor*, at a suburban winter feeding station. Completed Ph.D., Ohio State University, 1994.

Paula A. Smith M.S. in Biology, Angelo State University, 1992. Thesis topic: Population ecology of the nine-banded armadillo, (*Dasyus novemcinctus*) in west central Texas.

Rebecca Ann Boyd M.S. in Biology, Angelo State University, 1994. Thesis topic: The mammals of Tom Green County, Texas: Distributions and natural history.

Raymond L. Woodward, Jr. M.S. in Biology, Angelo State University, 1994. Thesis topic: The generic relationships of skunks (Mustelidae, Mephitinae) based on chromosome morphology and banding patterns. Completed Ph.D. at University of Memphis.

M. Scott Burt M.S. in Biology, Angelo State University, 1995. Thesis topic: Allozymic variation and genetic distance between *Geomys attwateri* and *Geomys breviceps* in eastern Texas. Completed Ph.D. at University of New Mexico. Currently Assistant Professor at Truman State University, Kirksville, Missouri.

Marcus D. King M.S. in Biology, Angelo State University, 1995. Thesis topic: Ticks and tick-borne diseases of west central Texas. Currently Instructor of Biology, U.S. Air Force Academy and Ph.D. student, University of Texas, San Antonio..

Anthony S. Hiller M. S. in Biology Angelo State University, 1996. Thesis topic: Rodent surveillance for Sin Nombre Virus in Uvalde County, Texas.

Stacey C. Slater M. S. in Biology Angelo State University, 1996. Thesis topic: An evaluation of prickly pear (*Opuntia* spp.) as a predator deterrent in nest site selection by Northern Bobwhite (*Colinus virginianus*); (co-chaired with Dale Rollins).

Cody W. Edwards M. S. in Biology Angelo State University, 1997. Thesis topic: Assessing medium-sized mammal abundance at Fort Hood Military Installation using live-trapping and spotlight counts. Completed Ph.D. at Texas Tech University. Currently Assistant Professor at George Mason University, Fairfax, Virginia.

Darin S. Carroll M. S. in Biology Angelo State University, 1997. Thesis topic: Estimates of relative abundance of the medium-sized mammals of Fort Hood, Texas using scent-station visitation. Completed Ph.D. at Texas Tech University. Currently with Pox Virus Branch, Centers for Disease Control, Atlanta, Georgia.

GRADUATE STUDENTS - Master of Science-continued:

Marcia A. Revelez M. S. in Biology, Angelo State University, 1999. Thesis topic: Distributional and systematic analysis of pocket gophers (genus *Geomys*) in west-central Texas. Currently Collection Manager, Mammalogy, Sam Noble Museum of Natural History, University of Oklahoma.

Joel G. Brant. M. S. in Biology, Angelo State University, 2000. A survey of the mammals of Devils River State Natural Area and relative abundance of small mammals in the area. Completed Ph.D. at Texas Tech University; Currently Assistant Professor of Biology, McMurry University, Abilene, Texas.

Eddie K. Lyons. M. S. in Biology, Angelo State University, 2002. Effects of short-term predator control on nesting success and survival of Northern Bobwhites (*Colinus virginianus*); (co-chaired with Dale Rollins). Currently Ph.D. student, Texas A&M University.

Jeffrey B. Doty. M. S. in Biology, Angelo State University, 2003. Denning ecology and home ranges of two sympatric skunk species (*Mephitis mephitis* and *Spilogale gracilis*) in west-central Texas. Currently Research Associate, Department of Microbiology, Immunology, and Pathology, Colorado State University.

Zane J. Laws. M. S. in Biology, Angelo State University, 2004. A comparison of home ranges for sympatric populations of *Perognathus merriami* and *Reithrodontomys montanus* at a site in west-central Texas. Currently teaching at Cisco Junior College, Abilene Campus, Texas.

Scott A. Clement. M.S. in Biology, Angelo State University, 2004. Taxonomic affinities of endemic rodent species of the Galapagos Islands; (co-chaired with Loren Ammerman).

Sean A. Neiswenter. M. S. in Biology, Angelo State University, 2004. Activity patterns, movements, and habitat use of sympatric skunk species (*Mephitis mephitis* and *Spilogale gracilis*) in west-central Texas. Currently Ph.D. student, University of Nevada, Las Vegas.

Joshua B. Coffey, M.S. in Biology, Angelo State University, 2005. Home range and denning patterns of striped skunks (*Mephitis mephitis*) in Kimble County, Texas.

Amy L. Vestal, M.S. in Biology, Angelo State University, 2005. Genetic variation in the Davis Mountains cottontail (*Sylvilagus robustus*) (co-chaired with Loren Ammerman).

Sharon Ziadeh, M.S. in Biology, Angelo State University, 2005. Examination of foraging patterns of the Mexican ground squirrel, *Spermophilus mexicanus*, at artificial feeding stations. Currently teaching at Delgado Community College, New Orleans, Louisiana.

Carla E. Ebeling, M.S. in Biology, Angelo State University, 2006. Comparison of detection methods for three sympatric skunk species in west-central Texas.

Gema I. Guerra, M.S. in Biology, Angelo State University, 2008. Genetic variation within the western spotted skunk (*Spilogale gracilis*) (co-chaired with Loren Ammerman).

INVITED SEMINARS SINCE 1996:

Population status and conservation of the endemic rodents of the Galápagos Islands. Trinity University, Department of Biology, September 1996.

Status and conservation of the endemic rodents of the Galapagos Islands. Texas Tech University, Department of Biological Sciences, February 1998.

The rediscovery of “extinct” rodents in the Galapagos Islands. Abilene Christian University, Biology Department, April 1998.

Endemic rodents of the Galápagos Islands and their Conservation Biology. University of Texas, Arlington. Biology Department, September 1999.

The rediscovery and conservation biology of ‘extinct’ rodents in the Galápagos Islands. Mississippi State University, Biology Department, April 2002.

The rediscovery of “extinct” rodents in the Galápagos Islands and prospects for their conservation. Fordham University, Department of Biological Sciences, October 2003.

Galápagos conservation and the rediscovery of “extinct mammals”. Sam Houston State University, Department of Biological Sciences, February 2004.

Mammal research down under: Mammals of Booderee National Park, Australia. Beta Beta Beta Initiation Banquet speaker, Angelo State University, October 2005.

Status and conservation of the last remaining native Galápagos rodents. Chicago Zoological Society, Brookfield Zoo, Chicago. August 2007.

Charles Darwin and his influences on research in the Galapagos Islands: A celebration of 200 years. Cameron University, Department of Biology, February 12, 2009.

Following Darwin’s Path: Rodent Research in the Galapagos Islands. Symposium held at University of Central Oklahoma commemorating the 150th anniversary of the *Origin of Species*, November, 2009.

PHOTOGRAPHS PUBLISHED

The Smithsonian book of North American Mammals, 1999; photos of the Plains harvest mouse, *Reithrodontomys montanus*; Texas mouse, *Peromyscus attwateri*; Baird’s pocket gopher, *Geomys breviceps*.

PHOTOGRAPHS PUBLISHED

Birds, Mammals, and Reptiles of the Galapagos Islands: an identification guide. 2000; photos of Galapagos rodents, *Nesoryzomys narboroughi* and *N. fernandinae*.

Kaufman Focus Guides, Mammals of North America, 2003; two photos of the Texas mouse, *Peromyscus attwateri*.

Mammíferos del Ecuador, Guía de campo. 2007; photos of Galapagos rodents, *Nesoryzomys narboroughi* and *N. fernandinae*.

SELECTED PAPERS PRESENTED OR CO-AUTHORED AT SCIENTIFIC MEETINGS (SINCE 1996)

Robert C. Dowler and Darin S. Carroll. Verification of a New Rodent Species, *Nesoryzomys fernandinae*, to the Fauna of the Galapagos Islands. Presented at the annual meeting of American Society of Mammalogists, Grand Forks, North Dakota 15-19 June 1996.

Darin S. Carroll, Ann Boyd, and Robert C. Dowler. Environmental Influences on Roosting Patterns and Density of a Bridge Colony of Mexican Free-tailed Bats (*Tadarida brasiliensis*). Presented at the annual meeting of American Society of Mammalogists, Grand Forks, North Dakota 15-19 June 1996.

Cody W. Edwards, Darin S. Carroll, and Robert C. Dowler. A Survey of Medium-sized Mammals at Fort Hood, Texas with a Comparison of Methods for Estimating Relative Abundance. Annual meeting of the Southwestern Association of Naturalists, Fayetteville, Arkansas; 10-12 April 1997.

Cody W. Edwards, Darin S. Carroll, and Robert C. Dowler. A Survey of Medium-sized Mammals of Fort Hood, Texas with a Comparison of Live-trapping and Spotlight Data for Estimating Relative Abundance. Presented at the annual meeting of the American Society of Mammalogists, Oklahoma State University, June 14-18, 1997.

Darin S. Carroll, Cody W. Edwards, and Robert C. Dowler. A Survey of Medium-sized Mammals of Fort Hood, Texas with a Comparison of Scent-station Methods for Estimating Relative Abundance. Presented at the annual meeting of the American Society of Mammalogists, Oklahoma State University, 14-18 June 1997.

Robert C. Dowler. The Status of the Endemic Rodents (Genus *Nesoryzomys*) of the Galápagos Islands. Presented at the 7th International Theriological Congress held in Acapulco, Mexico, September 1997.

Robert C. Dowler, Darin S. Carroll, and Cody W. Edwards. The Rediscovery of an "Extinct" Rodent in the Galápagos Islands. Presented at the annual meeting of the American Society of Mammalogists, Virginia Tech, 6-10 June 1998.

SELECTED PAPERS PRESENTED OR CO-AUTHORED AT SCIENTIFIC MEETINGS (SINCE 1996-continued)

Robert C. Dowler. The Status of Endemic Rodents of the Galapagos Islands and Prospects for their Conservation. Presented at the 80th annual meeting of the AAAS, Pacific Division, San Francisco State University, 19-23 June 1999.

Robert C. Dowler. The Endemic Rodents of the Galápagos Islands and Strategies for their Conservation. Symposium on Science and Conservation in the Galápagos, sponsored by the Charles Darwin Foundation for the Galápagos Islands, Quito, Ecuador; 21 July 1999.

Robert C. Dowler and Thomas E. Lee, Jr. Current Status of Introduced Rodents in the Galápagos Islands and their Potential Impact on Native Rodents. Presented at the 8th International Theriological Congress held in Sun City, South Africa, August 2001.

Jeffrey B. Doty and Robert C. Dowler. Den site selection in sympatric populations of the striped skunk (*Mephitis mephitis*) and the western spotted skunk (*Spilogale gracilis*); presented at the annual meeting of the American Society of Mammalogists, Texas Tech University, Lubbock, Texas, 21-25 June 2003.

Scott A. Clement, Robert C. Dowler, and Loren K. Ammerman. Phylogeographic relationships of endemic rodent species of the Galapagos Islands; presented at the annual meeting of the American Society of Mammalogists, Humboldt State University, Arcata, California, 12-16 June 2004.

Sean A. Neiswenter and Robert C. Dowler. Activity patterns and spatial organization of western spotted skunk and striped skunk in west-central Texas; presented at the annual meeting of the American Society of Mammalogists, Humboldt State University, Arcata, California, 12-16 June 2004.

Amy L. Vestal, Robert C. Dowler, and Loren K. Ammerman. Genetic variation in the Davis Mountains Cottontail (*Sylvilagus robustus*); presented at the annual meeting of the American Society of Mammalogists, Southwest Missouri State University, Springfield, Missouri, 15-19 June 2005.

Sean A. Neiswenter, Danny B. Pence, and Robert C. Dowler. Helminths of sympatric striped, hog-nosed, and spotted skunks in west central Texas; presented at the annual meeting of the American Society of Mammalogists, Southwest Missouri State University, Springfield, Missouri, 15-19 June 2005.

Carla E. Ebeling and Robert C. Dowler. Comparison of detection methods for three sympatric skunk species in west-central Texas; presented at the annual meeting of the Southwestern Association of Naturalists, Colima, Mexico, 13-16 April 2006.

Dowler, Robert C., Carla E. Ebeling, and Adam W. Ferguson. Conservation Status of Skunks in Texas: Filling in the Gaps. presented at the Texas Parks and Wildlife Department Wildlife Diversity Conference, held at the Houston Zoo, January 2008.

SELECTED PAPERS PRESENTED OR CO-AUTHORED AT SCIENTIFIC MEETINGS (SINCE 1996-continued)

Dowler, R. C., Carla E. Ebeling, and Adam W. Ferguson. Strategies for Monitoring Skunk Populations in Texas; presented at the annual meeting of the American Society of Mammalogists, Brookings, South Dakota, June 2008

Brashear, Wesley A. and Robert C. Dowler. Home range analysis of the American hog-nosed skunk, *Conepatus leuconotus*. presented at the annual meeting of the Southwestern Association of Naturalists, Monterrey, Mexico, April 2009.

Brashear, Wesley A., Robert C. Dowler, and Adam W. Ferguson. Home range and den site selection of the American hog-nosed skunk, *Conepatus leuconotus*. presented at the annual meeting of the American Society of Mammalogists, Fairbanks, Alaska, June 2009.

PUBLICATIONS:

1. Dowler, R.C. and H.H. Genoways, 1976. Supplies and suppliers for vertebrate collections, *Museology*, Texas Tech University 4:1-83.
2. Choate, J.R., and R.C. Dowler, 1977. (Review of) State laws as they pertain to scientific collecting permits, by M.H. McGaugh and H.H. Genoways. *Southwestern Naturalist* 22:287.
3. Dowler, R.C. and H.H. Genoways. 1978. *Liomys irroratus*. *Mammalian Species* (publ. of the American Society of Mammalogists) 82:1-6.
4. Dowler, R.C., D.K. Dean, T.E. Herman and A.C. Simon. 1978. County records for birds housed in the Museum, Texas Tech University. *Bulletin of the Texas Ornithological Society* 11:12-16.
5. Dowler, R.C. and M.D. Engstrom. 1978. Albinism and large litter size in a cotton rat (*Sigmodon hispidus*) from Kansas. *Trans. Kansas Acad. Sci.* 81:375-376.
6. Pence, D.B. and R.C. Dowler, 1979. Helminth parasitism in the badger, *Taxidea taxus* (Schreber, 1778), from the Western Great Plains. *Proc. Helminthol. Soc. Wash.* 46:245-253.
7. Choate, J.R., R.C. Dowler, and J.E. Krause. 1979. Mensural discrimination between *Peromyscus leucopus* and *P. maniculatus* (Rodentia) in Kansas. *Southwestern Naturalist* 24:577-602.
8. Dowler, R.C. and H.H. Genoways. 1979. Variation in *Pappogeomys castanops* (Geomyidae) on the Llano Estacado of Texas and New Mexico. *Southwestern Naturalist* 24:577-602.

PUBLICATIONS (continued):

9. Engstrom, M.D., R.C. Dowler, D.S. Rogers, D.J. Schmidly, and J.W. Bickham. 1981. Chromosomal variation within four species of harvest mice (*Reithrodontomys*). *Journal of Mammalogy* 62:159-164.
10. Engstrom, M.D. and R.C. Dowler. 1981. Field observations of mating behavior *Dipodomys ordii*. *J. Mammal.* 62:384-386.
11. Genoways, H.H., R.C. Dowler, and C.H. Carter. 1981. Intraisland and interisland variation in Antillean populations of *Molossus molossus* (Mammalia: Molossidae). *Annals Carnegie Museum of Natural History* 50:475-492.
12. Dowler, R.C. and J.W. Bickham. 1982. Chromosomal relationships of the tortoises (family Testudinidae). *Genetica* 58:189-197.
13. Dowler, R.C. and G.A. Swanson. 1982. High mortality of cedar waxwings associated with highway plantings. *Wilson Bulletin* 94:602-603.
14. Dowler, R.C., H.M. Katz, and A.H. Katz. 1985. Comparison of live trapping methods for surveying small mammal populations. *Northeastern Environmental Science* 4:165-171.
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