

TEXAS STATE VITA

I. ACADEMIC/PROFESSIONAL BACKGROUND

A. Name: Thomas R. Simpson

Title: Assistant Professor of Biology

B. Educational Background

Degree	Year	University	Major	Thesis/Dissertation
Ph.D.	1980	Texas A&M University, College Station, TX	Wildlife & Fisheries Science	Influence of nutria feeding activities on aquatic vegetation and waterfowl in East Texas.
M.Sc.	1975	Texas A&M University, College Station, TX	Wildlife & Fisheries Science	The ontogeny of behavior in coyotes
B.A.	1972	University of Dallas, Irving, TX	Biology	

C. University Experience

Position	University	Dates
Assistant Professor	Texas State University-San Marcos, San Marcos, TX	2001-Present
Lecturer	Southwest Texas State University, San Marcos, TX	1989-2001
Research Assistant	Texas A&M University, College of Veterinary Medicine, College Station, TX	1988-1989
Research Assistant	Texas A&M University, College of Veterinary Medicine, College Station, TX	1979-1982
Teaching Assistant	Texas A&M University, Department of Wildlife and Fisheries Sciences, College Station, TX	1972-1979

D. Relevant Professional Experience

Position	Entity	Dates
Game Manager and Wildlife Biologist	McAllen Land and Cattle Co., Edinburg, Texas	1982-1988
Research Assistant	Department of Pathobiology, Texas A&M University	1979-1982
Graduate Teaching Assistant	Department of Wildlife and Fisheries Sciences	1972-1979

II. TEACHING

A. Teaching Honors and Awards:

Piper Professor Nomination from Biology - 2007

Presidential Award-Excellence in Teaching. 2006. Texas State University Educator of the Year, 2004. Texas Chapter of The Wildlife Society.

Favorite Professor, Alfred H. Nolle Chapter of Alpha Chi National Honor Scholarship Society,

1994, 1996, 1998, 2000.

Outstanding Mentor, SWT Mentoring Program, 1996.

B. Courses Taught:

Undergraduate:

BIO 1421, Modern Biology II
BIO 4299, Undergraduate Research
BIO 4304, Wildlife and Recreation, Impact and Management
BIO 4416, General Ecology
BIO 4416, Coordinator, Ecology labs
BIO 4420, Natural History of the Vertebrates
BIO 4435, Techniques in Wildlife Management
BIO 4481, Internship in Biological Laboratory Technologies

Graduate:

BIO 7325, Wildlife and Recreation, Impact and Management
BIO 5420, Natural History of the Vertebrates
BIO 5435, Techniques in Wildlife Management
BIO 5110W, Seminar on Wildlife Diseases
BIO 5110W, Seminar on Avian Ecology
BIO 5110W, Seminar on Urban Issues
(Seminars taught each fall semester; topics taught once each 3 year cycle)
BIO 5390, Problems in Biological Science
BIO 5424, Southwest Wild!
BIO 7324, Natural History and Conservation of Large Mammals

C. Graduate Theses/Dissertations or Exit Committees (if supervisor, please indicate):

Current M.Sc. Students (chair or co-chair):

Brown, Macy. Avian foraging response to seasonal burns on a central Texas ashe juniper-live oak savanna. M.Sc. Thesis
Connolly, Amy. (Co-chair Clay Green). Evaluation of ocelot habitat along the Rio Grande Corridor. M.Sc. Thesis
Lyons, Jacob. (Co-chair Francis Rose). Ecology of inland populations of the keeled earless lizard. M.Sc. Thesis
Mali, Ivana. Reproductive Characteristics of the Texas River Cooter (*Pseudemys texana*) and Red-Eared Slider (*Trachemys scripta elegans*) at Spring Lake, Hays County, Texas. M.Sc.
McDermid, Krista. (Co-chair Francis Rose). Food habits of the common musk turtle, *Sternotherus odoratus*, in Spring Lake. M.Sc. Thesis
O'Gan, Tate. Wildlife use of pecan stands in Central Texas. M.Sc.
Scalise, Jonathan. (Co-chair Francis Rose). Food habits of the Texas tortoise. M.Sc. Thesis
Sieber, Leska. (Co-chair Clay Green). Habitat and foraging interactions of the Green Heron (*Butorides virescens*). M.Sc. Thesis
Swanson, Romey. A survey of the amphibians, reptiles and mammals of Palmetto State Park with comparison to historical data M.Sc. Thesis

Tibbets, Mary. Impact of recreational activity within urban and suburban greenspace on bird communities M.Sc. Thesis

M.Sc. Students Supervised (chair or co-chair)

- Washington, Alycia. (Co-chair Francis Rose). 2008 Predation on turtle nests in a periurban environment. M.Sc. Thesis
- Barlow, Rachel E. 2008. Food habits of hunter collected northern Bobwhite Quail (*Colinus virginianus*) at the Chaparral Wildlife Management Area in South Texas. M.Sc. Thesis
- Jones, Rickey. L. 2008. Ecological dynamics of native bottomland pecan communities in the Edward Plateau of Texas. M.Sc. Thesis
- Korn, Jennifer. M. 2008. (Co-chair John Baccus). Evaluating avian communities of the Blanco River Valley using occupancy modeling and landowner surveys. M.Sc. Thesis
- Grobe, Katherine. 2007. Nest site selection by Western Kingbirds in an urban habitat. M.Sc. Thesis
- Franklin, Stephanie. 2006. Home range of the Texas river cooter (*Pseudemys texana*) at Spring Lake, Hays County, Texas. M.Sc. Thesis
- Kalmbach, Arlene. 2006. Effects of nonindigenous plant species on bird communities in Central Texas periurban habitats. M.Sc. Thesis
- Osborne, Linda. 2006. Habitat use by the Texas river cooter (*Pseudemys texana*) in Spring Lake, Hays County, Texas. M.Sc. Thesis
- Shumate, Jason. (Co-chair Richard Manning). 2006. Home range and movement of nutria (*Myocastor coypus*) along a selected stretch of the Rio Grande River, Big Bend National Park, Texas. M.Sc. Thesis
- Zickler, Wilynn. 2006. Bird community surveys: a comparison of distance sampling and point counts. M.Sc. Thesis
- Milholland, Matthew. (Co-chair Richard Manning). 2005. Habitat use and food habits of nutria (*Myocastor coypus*) in the Rio Grande Village area of Big Bend National Park, Texas. M.Sc. Thesis
- O'Connor, Kathleen. 2003. Herptile abundance and diversity in response to seasonal burning on a Central Texas Ashe juniper-live oak savanna. M.Sc. Thesis
- Polito, Christine. 2003. Invertebrate fauna inhabiting carapaces of the Texas river cooter (*Pseudemys texana*) and the red-eared slider (*Trachemys scripta elegans*). M.Sc. Thesis
- White, Clay J.. 2003. Avian habitat affinity in the Lost Pines region of Texas. M.Sc. Thesis
- Burke, Kyle. (Co-chair John Baccus). 2002. Seasonal diets and foraging selectivity of white-tailed deer in the Rolling Plains ecological region of Texas. M.Sc. Thesis
- Gray, Shawn. 2002. Seasonal diets of greater kudu (*Tragelaphus strepsiceros*) in the Llano Uplift ecological region of Texas. M.Sc. Thesis
- Hunter, Amanda. 2002. Comparison of avian communities within traditional and wildscaped residential neighborhoods in San Antonio, Texas. M.Sc. Thesis
- Preite, Carrie. (Co-chair Paula Williamson). 2002. Algal species composition on turtle carapaces in Spring Lake, San Marcos, Texas. M.Sc. Thesis
- Ridenour, Karen. 2002. Home range of crevice spiny lizards (*Sceloporus poinsettii*) at Mason Mountain Wildlife Management Area. M.Sc. Thesis
- Towns, Kathy. 2002. Food habits of the nutria (*Myocastor coypu*) at Spring Lake, Hays County, Texas. M.Sc. Thesis

- Winters, Amy. 2002. Seasonal diets of gemsbok (*Oryx gazella gazella*) at Mason Mountain Wildlife Management Area, Mason, Texas. M.Sc. Thesis
- Banks, Beth. 2000. Avifauna diversity and habitat relationships on a central Texas ranch. M.Sc. Thesis
- Hudson, Jayson. 1999. Determination of home range of the raccoon (*Procyon lotor*) and the degree of interaction with domesticated animals at Aquarena Center, San Marcos, Hays County, Texas. M.Sc. Thesis
- Seaman, Jacqueline R. 1997. Food habits of the Texas River Cooter (*Pseudemys texana*) at Spring Lake, Hays County, Texas. M.Sc. Thesis.

Ph.D. Committees (committee member)

- Small, Michael, 2007. Effects of change in the lower Rio Grande valley on white winged doves and techniques for population monitoring. Ph.D. Dissertation.

M.Sc. Committees (committee member)

- Fujii, Akiko. 2008. Genetic diversity and population structure of the Texas tortoise (*Gopherus berlandieri*): implication for conservation. M.Sc. Thesis.
- Faas, Clinton J. 2008. Habitat interference by exotic axis deer (*Axis axis*) on native white-tailed deer (*Odocoileus virginianus*) in Texas. M.Sc. Thesis.
- Houston, Dawn. M.Sc. 2008. Foraging behavior of the Black-capped Vireo in Central Texas. M.Sc. Thesis.
- Gaston, Michelle. 2008. Geographic variation in *Acris crepitans*: A morphological and behavioral assessment across three Central Texas river basins, with comments on systematics. M.Sc. Thesis.
- Robinson, Sarah.. 2008. Forage selection and grouping patterns of male and female scimitar-horned oryx (*Oryx Dammah*) on Mason Mountain Wildlife Management Area, Mason Texas. M.Sc. Thesis.
- Cooksey, Matthew. 2007. Assessment of infra-red triggered camera surveys for estimating white-tailed deer in central Texas. M.Sc. Thesis.
- Sperry, Cynthia. 2007. Influences of borders on Golden-cheeked Warbler habitat in the Balcones Canyonlands Preserve, Travis County, Texas. M.Sc. Thesis
- Johnston, Megan. 2006. A survey of potential predators of the Golden-cheeked warbler (*Dendrocia chrysoparia*) in relation to different edges. M.Sc. Thesis
- Jones, Melissa. 2006. Effects of prescribed burns on small mammal populations with comments on Houston toad populations. M.Sc. Thesis
- Meyers, Stephanie L. 2006. Assessing Black-capped Vireo (*Vireo atricapillus*) breeding habitat based on size, spatial distribution, and plant species in shrub mottes at Kerr Wildlife Management Area. M.Sc. Thesis
- Rosson-Singleton, Stephanie. 2006. Summer habitat use by waterbirds and waterfowl at a biosolids facility. M.Sc. Thesis
- Francis, Deena R. 2005. Influence of opening weekend and weather on white-tailed deer harvest at Milan Army Ammunition Plant, Tennessee. M.Sc. Thesis
- Dufault, Deirdra. 2004. Habitat occupancy by the Black-capped Vireo (*Vireo atricapillus*) following prescribed burns at Kerr Wildlife Management Area. M.Sc. Thesis
- Greuter, Kensley L. 2004. Early juvenile ecology of the endangered Houston toad, *Bufo houstonensis*, (Anura: Bufonidae). M.Sc. Thesis

- Kiefer, Shane J. 2004. Habitat affinities for white-tailed deer and Rio Grande Wild Turkey at the Griffith League Ranch, Bastrop County, Texas. M.Sc. Thesis
- Longoria, Meredith P. 2004. Using motion-triggered cameras to estimate habitat use by collared peccaries. M.Sc. Thesis
- Schaefer, Cynthia L. 2004. White-winged Dove movements and reproduction in a recently colonized urban environment. M.Sc. Thesis
- Juergens, Paul W. 2003. Wintering Peregrine Falcons (*Falco peregrinus*) on South Padre Island, Texas. M.Sc. Thesis
- Moren, Sara D. 2003. Site fidelity and sex ratios of eastern pipestrelles (*Pipistrellus subflavus*) hibernating in a central Texas cave. M.Sc. Thesis
- Scrivner, Karen L. 2003. Characteristics and management of the scimitar-horned oryx (*Oryx dammah*) in Texas. M.Sc. Thesis.
- Breeden, Jeffrey B. 2002. Breeding and nesting behavior and habitat of the Red-billed Pigeon (*Columba flavirostris*) along the Rio Grande River in Texas. M.Sc. Thesis
- Dean, Roy B. 2002. The effect of wastewater effluent and a flood event on resident amphibian and reptilian communities. M.Sc. Thesis
- Denena, Melissa M. 2002. Home range and movement of nutria (*Myocastor coypus*) at Spring Lake in Central Texas, with anecdotal comments on the American beaver (*Castor canadensis*) of the same area. M.Sc. Thesis
- Logsdon, James F. 2002. Cover preference after flushing by pen reared Northern Bobwhites, *Colinus virginianus*) on a hunting preserve in Central Texas. M.Sc. Thesis
- Reimer, Marsha M. 2002. Baseline survey and checklist of the birds of San Marcos Springs, Hays County, Texas, and surrounding vicinity. M.Sc. Thesis.
- Hein, Chris D. 2001. Population structure and dynamics of juvenile Brazilian free-tailed bat (*Tadarida brasiliensis mexicana*) banded in Central Texas. M.Sc. Thesis.
- Nelan, Jane B. 2001. Egg comparisons and volume estimation methods between the common musk turtle (Kinosternidae: *Sternotherus odoratus*) and the Texas tortoise (Testudinidae: *Gopherus berlandieri*). M.Sc. Thesis.
- Petersen, Karin E. 2001 Golden-cheeked warbler (*Dendroica chrysoparia*: Parulidea) territory and non-territory habitat choice in fragmented Ash Juniper patches on the Kerr Wildlife Management Area. M.Sc. Thesis.
- Pruitt, Kenneth D. 2001. Fluctuating asymmetry of antlers of white-tailed deer (*Odocoileus virginianus*) in relation to yearling antler expression. M.Sc. Thesis.
- Pierce, Brian. 2000. A non-linear spotlight line transect method for estimating white-tailed deer population densities. M.Sc. Thesis.
- Poor, II, Stuart L. 2000. Seasonal food habits of the white-tailed deer in the Cross Timbers and Prairies ecological region of Texas. M.Sc. Thesis.
- Kirchhof, Ronald W. 1999. Comparison of antler characteristics and body weights of spike- and fork- antlered yearling white-tailed deer at 2.5 years of age. M.Sc. Thesis.
- al-Rashid Caskey, Nourah. 1998. Survey of blood parasites in central Texas freshwater turtles. M.Sc. Thesis.
- Becker, Helen M. 1998. Small rodent diversity and habitat utilization of heavily grazed shortgrass rangeland of the Edwards Plateau. M.Sc. Thesis.
- Keeley, Annika T. H. 1998. The mating system of the Mexican free-tailed bat (*Tadarida Braziliensis mexicana*) in a large bridge colony. M.Sc. Thesis.

- McGee, Brady K. 1999. Habitat utilization of mammals at Lost Maples State Natural Area, Texas. M.Sc. Thesis.
- Hendrix Jr, Paul G. 1998. Comparison of antler characteristics and body weights of spike- and fork- antlered yearling white-tailed deer at 1.5 years of age. M.Sc. Thesis.
- Jecker, Scott W. 1997. Hatchling orientation of the Texas river cooter (*Pseudemys texana*) and the red-eared slider (*Trachemys scripta elegans*) from Aquarena Center, Hays, County, Texas. M.Sc. Thesis.
- Schwausch, Kevin B. 1997. Habitat affinities of small rodents at Colorado Bend State Park, Texas. M.Sc. Thesis.
- Swannack, Todd M. 2000. Seasonal and ontogenetic changes in the sex ratio of a population of stinkpots (Kinosternidae: *Sternotherus odoratus*). M.Sc. Thesis.
- Smartt, Jessica. 1996. Determination of egg characteristics for the Mediterranean gecko (*Hemidactylus turcicus*) in Texas, M.Sc. Thesis.
- O'Neal, Kevin G. 1996. Effects of prescribed burning on Black-capped Vireo habitat, territory establishment, and production. M.Sc. Thesis.
- Dees, Kevin W. 1992. Productivity of wild Northern Bobwhite Quail (*Colinus virginianus*) under a 17 hour light regime. M.Sc. Thesis.
- Kainer, Mark A. 1992. Woody plant preferences by the American beaver (*Castor canadensis*) in Central Texas. M.Sc. Thesis.

D. Courses Prepared and Curriculum Development:

- BIO 4420/5420 Natural History of the Vertebrates
 BIO 4435/5435 Techniques in Wildlife Management
 BIO 4304/7325 Wildlife and Recreation; Impact and Management
 BIO 7324 Conservation of Large Mammals

E. Funded External Teaching Grants and Contracts:

- West, S. and T. Simpson. 1995. Higher Edu. Coord. Board. Southwest WILD! \$68,855.00.
 West, S. and T. Simpson. 1994. Higher Edu. Coord. Board. Southwest WILD! \$52,667.00.
 West, S. and T. Simpson. 1993. Higher Edu. Coord. Board. Southwest WILD! \$36,035.00.
 West, S. and T. Simpson. 1992. Higher Edu. Coord. Board. Southwest WILD! \$27,338.00.

F. Submitted, but not Funded, External Teaching Grants and Contracts:

NA

G. Funded Internal Teaching Grants and Contracts:

NA

H. Submitted, but not Funded, Internal Teaching Grants and Contracts:

NA

I. Other

NA

III. SCHOLARLY/CREATIVE

A. Works In Print

1. Books (if not refereed, please indicate)

NA

a. Scholarly Monographs:

Dillard, Jim, Steve Jester, John Baccus, Randy Simpson, Lin Poor. 2005. White-tailed deer food habits and preferences in the Cross Timbers and Prairies Region of Northcentral Texas. Texas Parks and Wildlife Department Publication PWD RP W7000-1017. 65 pp.

b. Textbooks:

NA

c. Edited Books:

NA

d. Chapters in Books:

McLean, R. J. C. and T. R. Simpson. 2008. Preparing for biofilm studies in the field. Current Protocols in Microbiol. 10:1B.4.1-1B.4.14.

e. Creative Books:

NA

2. Articles

a. Refereed Journal Articles:

Simpson, T. R. and F. L. Rose. 2007. Distribution of Cagle's Map Turtle (*Graptemys caglei*) in the Blanco and San Marcos rivers. Texas Journal of Science 59(3):201-208. (actual publication date, March 2008).

Jones, M. C., T. R. Simpson, R. W. Manning, and M. R. J. Forstner. 2007. Texas shrews (*Blarina hylophaga*) lacking external eye openings. Southeastern Naturalist 6(4):752-754.

Gray, S. S., T. R. Simpson, J. T. Baccus, R. W. Manning, T. W. Schwertner. 2007. Diets and foraging preference of greater kudu *Tragelaphus strepsiceros* in the Llano Uplift of Texas. Wildlife Biology 13(1):75-83.

Small, M. F., E. S. Taylor, J. T. Baccus, C. L. Schaefer, T. R. Simpson, J. A. Roberson. 2007. Nesting home range and movements of an urban White-winged Dove population. The Wilson Journal of Ornithology 119(3):467-471.

Rose, F. L., T. R. Simpson, M. R. J. Forstner, D. J. McHenry, and J. Williams. 2006. Taxonomic Status of *Acris gryllus paludicola*: In search of the pink frog. Journal of Herpetology 40(4):429-435.

Fields, J. R., T. R. Simpson, R. W. Manning, F. L. Rose. 2003. Food habits and selective foraging of the Texas river cooter (*Pseudemys texana*) in Spring Lake, Hays County, Texas. Journal of Herpetology 37(4) 726-729.

- Towns, Kathy, T. R. Simpson, R. W. Manning, F. L. Rose. 2003. Food habits and selective foraging of the nutria (*Myocastor coypus*) in Spring Lake, Hays County, Texas. Occasional Papers Museum of Texas Tech University. No. 227. 12 pp.
- Denena, M. M., R. W. Manning, T. R. Simpson. 2003. Home range and movement of nutria (*Myocastor coypus*) at Spring Lake in central Texas, with anecdotal comments on the American beaver (*Castor canadensis*) of the same area. Occasional Papers Museum of Texas Tech University. No. 226. 12 pp.
- Baccus, J. T., H. M. Becker, T. R. Simpson, and R. W. Manning. 2000. Mammals of the Freeman Ranch, Hays County, Texas. Freeman Ranch Publication Series 1-2000. 31 pp.
- Fields, J. R., T. R. Simpson, R. W. Manning, and F. L. Rose. 2000. Modifications to the stomach flushing technique for turtles. Herpetological Review 31: 32-33.
- Rose, F. R., R. W. Manning, T. R. Simpson and S. Jenkins. 1998. A sustaining population of the Florida Red-Bellied Turtle, *Pseudemys nelsoni* (Reptilia: Emydidae), in Spring Lake, Hays County, Texas. Texas J. Sci. 50(1) 89-92.
- Rose, F.R., T. R. Simpson, and R.W. Manning. 1996. Measured and predicted egg volume of *Pseudemys texana* with comments on turtle egg shape. J. Herpetology 30: 433-435.
- Davis, D. and T. Simpson. 1984. Circular pens for handling native or exotic game animals. Proc. Deer in the southwest: a workshop.
- Hoekstra, R.E., S.J. Magyar, T.G. Biediger, K.P. Coscarelli, T.R. Simpson, J.D. McCrady, D.C. Kraemer, S.W.J. Seager. 1984. Artificial insemination in white-tailed deer (*Odocoileus virginianus*) with frozen epididymal spermatazoa. Ann. Proc. AAZV. Vol. 84, pp. 174-180.
- Simpson, R. 1984. Captive white-tailed deer breeding projects on the Guajolota Ranch. Proc. Deer-proof fencing. A workshop, Texas A & I University : 25 -26.
- Simpson, T. and W. Swank. 1979. Trap avoidance in marked nutria: a problem in population estimation. Proc. Ann. Conf. S.E. Assoc. Fish & Wildlife Agencies 33:11-14.

Articles *in press* or provisionally accepted:

- Aurora, A. L., T. R. Simpson, M. F. Small, K. C. Bender. Avian community diversity in a traditional versus wildscaped neighborhood in San Antonio, Texas. *Final acceptance by Urban Ecosystems, 12 January 2009. Currently, online.*
- Barlow, R. E., T. R. Simpson, J. T. Baccus. Food Habits of Hunter Collected Northern Bobwhite Quail (*Colinus virginianus*) at the Chaparral Wildlife Management Area in South Texas. *Accepted for Southeastern Association of Fish and Wildlife Agencies, proofs received 25 February 2009.*
- Rose, F. L., T. R. Simpson, J. R. Ott, R. W. Manning, J. Martin, and J. D. Nichols. Survival of western cottonmouths (*Agkistrodon piscivorus leucostoma*) in a pulsing environment. *Accepted Southwestern Naturalist, 2 October 2008.*
- Small, M. F., J. T. Baccus, T. R. Simpson, M. C. Frisbie. Home range characteristics of two distinct urban nesting white-winged dove populations in Texas. *Final acceptance Southwestern Naturalist, 27 January 2009.*
- Rose, Francis L., Thomas R. Simpson, James R. Ott, and Richard W. Manning. Space use by western cottonmouths (*Agkistrodon piscivorus*) inhabiting a variable flow stream. *Submitted to Southwestern Naturalist, 30 January 2009.*

Korn, Jennifer M, Thomas R. Simpson, John T. Baccus, and Stephen L. Jester. Evaluating avian communities of the Blanco River Valley using occupancy modeling and landowner surveys. *Submitted to Bulletin of the Texas Ornithological Society, 27 January 2009.*

b. Non-refereed Articles:

Bentsen, S. and R. Simpson. 1986. Private landowners key to wildlife's future. *Texas Parks and Wildlife* 44(7):38 -41.

Simpson, R. 1983. The management buck. *Texas Hunters Directory* : 58-61.

3. Abstracts:

NA

4. Reports:

Simpson, T. R. and F. L. Rose. 2007. Final report on the presence of Cagle's Map Turtle (*Graptemys caglei*) and the occurrence of suitable habitat at or near low water crossings and bridges in the San Marcos River. Texas Department of Transportation Contract No. 14-6XXIA007.

Korn, J. M., T. R. Simpson, and J. T. Baccus. 2008. Interim report on bird communities of the Blanco River Valley. Submitted to Texas Nature Conservancy.

Wildlife Management Techniques (Bio 4435/5435) class. 2008. Vegetation and Wildlife Survey of Spring Lake Preserve, Winter / Spring. 2008. Report submitted to San Marcos Recreation Department. T. R. Simpson, instructor.

5. Book Reviews:

NA

6. Other

In Preparation.

Zickler, K. W., T. R. Simpson, B. L. Pierce, J. T. Baccus, A. Kalmbach, K. L. Bender. A comparison of distance sampling and point counts in assessing urban bird communities. *Submitted to Journal of Field Ornithology.*

Walker, L. C., T. R. Simpson, F. L. Rose, F. W. Weckerly. Vertical dispersion in Spring Lake by the Texas River Cooter (*Pseudemys texana*). *Suggested journal, Journal of Herpetology.*

Jones, R., and T. R. Simpson. Difficulty in Aging Pecan (*Carya illinoensis*) by Standard Tree-ring Counts. *Suggested journal, Tree-Ring Research.*

Kalmbach, A., T. R. Simpson, B. L. Pierce, K. W. Zickler, K. L. Bender. Effects of non-indigenous plant species on bird communities in central Texas periurban habitats. *Suggested journal, Urban Habitats.*

Grobe, K. and T. R. Simpson. Nest site selection by Western Kingbirds in an urban habitat. *Suggested journal, Urban Ecosystems.*

B. Works not in Print

1. Papers Presented at Professional Meetings:

- Barlow, R. E., T. R. Simpson, J. T. Baccus. 2008. Food Habits of Hunter Collected Northern Bobwhite Quail at the Chaparral Wildlife Management Area, Texas. Sixty-second Annual Conference of the Southeastern Association of Fish and Wildlife Agencies. Corpus Christi, Texas. 12-15 October 2008.
- Barlow, R. E., T. R. Simpson, J. T. Baccus, F. L. Weckerly. 2008. Food Habits of Hunter Collected Northern Bobwhite Quail (*Colinus virginianus*) at the Chaparral Wildlife Management Area in South Texas. First Annual Southeastern Natural Resources Graduate Symposium (26-28 March 2008), Mississippi State University.
- Jones, R. L., T. R. Simpson, J. T. Baccus, F. L. Weckerly, and T. W. Schwertner. Ecological dynamics of native bottomland pecan communities in the Edward Plateau of Texas. 2008. Texas Chapter of the Wildlife Society annual meeting (14-16 February 2008), San Antonio, Texas.
- Korn, J. M., T. R. Simpson, J. T. Baccus, F. L. Weckerly. 2008. Evaluating avian communities of the Blanco River Valley using occupancy modeling and landowner surveys. Texas Chapter of the Wildlife Society annual meeting (14-16 February 2008), San Antonio, Texas, *and* First Annual Southeastern Natural Resources Graduate Symposium (26-28 March 2008), Mississippi State University.
- Kalmbach, Arlene, T. R. Simpson, Brian Pierce, Kelly Bender. 2007. Effects of Nonindigenous Plant Species on Bird Communities in Central Texas Periurban Habitats. Texas Invasive Plant Conference, Austin, Texas., November 2007.
- Grobe, Katherine M., T.R. Simpson, John Baccus, and Floyd Weckerly. 2007. Nest Site Selection by Western Kingbirds (*Tyrannus verticalis*) in an Urban Environment. Annual meeting of Southwestern Association of Naturalists, Stephenville, Texas. April 2007.
- Franklin, Stephanie D., Thomas R. Simpson, Francis L. Rose, Richard W. Manning. 2007. Home Range of Texas River Cooters (*Pseudemys texana*) at Spring Lake, Hays County, Texas. Annual meeting of Southwestern Association of Naturalists, Stephenville, Texas. April 2007.
- McGowan, Sherrie A., Matt Wagner, Jon Purvis, and Thomas R. Simpson. 2007. Commercial Turtle Harvest in Texas: Managing a Growing Demand Through the Nongame Permit Program. Annual meeting of Southwestern Association of Naturalists, Stephenville, Texas. April 2007.
- Kalmbach, Arlene, Thomas R. Simpson, John Baccus, and Floyd Weckerly. 2007. Effects of nonindigenous plant species on bird communities in Central Texas periurban habitats. Annual meeting of Texas Chapter of The Wildlife Society, February 2007 (accepted January 2007).
- Zickler, Wilynn, Thomas R. Simpson, John Baccus, and Floyd Weckerly. 2007. Bird community surveys: a comparison of distance sampling and point counts. Annual meeting of Texas Chapter of The Wildlife Society, February 2007 (accepted January 2007).
- Osborne, L., T. Simpson, F. Rose, F. Weckerly. 2006. Habitat use by *Pseudemys texana* in Spring Lake, Hays County, Texas. Annual meeting of Texas Chapter of The Wildlife Society (February 2006) and annual meeting of Texas Academy of Sciences (March 2006)

- Williams, J., T. Simpson, F. Rose. 2005. Analysis of the feeding habits of *Sternotherus odoratus* in lentic and lotic habitats of Spring Lake, Hays County, Texas. Poster presentation at the 52nd annual meeting of Southwestern Association of Naturalists.
- Shumate, J., R. Manning, T. Simpson, R. Skiles. 2005. Home range and movement patterns of nutria (*Myocastor coypus*) in a selected stretch of the Rio Grande River, Big Bend National Park. Chihuahuan Desert Research Institute 6th Symposium. October 2004., and the 52nd meeting of Southwestern Association of Naturalists; 14-16 April 2005.
- Milholland, M., R. Manning, T. Simpson, R. Skiles. 2005. Preliminary survey of nutria populations and food habits in Big Bend National Park. Chihuahuan Desert Research Institute 6th Symposium. October 2004, and the annual meeting of Texas Chapter of The Wildlife Society, February 2005.
- Simpson, T. 2004. Impact of Forestry management practices on herptiles. Presented at Temple Inland Industries Reptile and Amphibian Workshop, May 2004. (organized and presented by T. Simpson, M. Longoria, T. Swannack).
- Kathleen M. O'Connor, Thomas R. Simpson, John T. Baccus, Francis L. Rose, and Steven Windhager. 2004. Herptile abundance and diversity in response to seasonal burning on a Central Texas Ashe juniper-live oak savanna. Annual meeting of Southwestern Association of Naturalists, San Antonio, Texas. April 2004. And the Annual meeting of the Texas Chapter of The Wildlife Society., Kerrville, TX, February, 2004.
- White, C., T. Simpson, R. Manning, F. Weckerly. 2004. Avian habitat affinity in the Lost Pines region of Texas.. Annual meeting of the Texas Chapter of The Wildlife Society. Kerrville, TX, February, 2004.
- Allender, Karen C., Thomas R. Simpson, Richard W. Manning, Francis L. Rose, and T. Wayne Schwertner. 2003. Home range of the crevice spiny lizards (*Sceloporus poinsettii*) at Mason Mountain Wildlife Management Area, Mason County, Texas. Annual meeting, Texas Herpetological Society; San Marcos, Texas.
- Simpson, T. 2004. Who was Aldo Leopold and what is A Sand County Almanac. Setting the Stage for Wildlife Conservation in the 21st Century. Texas Chapter of The Wildlife Society Conservation Education Workshop for Teachers. Texas State University-San Marcos.
- Burke, Kyle M., Thomas R. Simpson, John T. Baccus, Richard W. Manning. 2003. Seasonal food habits/preferences of white-tailed deer in the Rolling Plains Ecological Region of Texas. 38th annual meeting of the Texas Chapter of The Wildlife Society. Waco, Texas.
- Gray, Shawn S., Thomas R. Simpson, John T. Baccus, Richard W. Manning, T. Wayne Schwertner. 2003. Seasonal diets of greater kudu (*Tragelaphus stripsiceros*) in the Llano Uplift Ecological Region of Texas. 50th annual meeting of the Southwestern Association of Naturalists, Norman, Oklahoma and 38th annual meeting of the Texas Chapter of The Wildlife Society, Waco, Texas.
- Hunter, Amanda L., Thomas R. Simpson, John T. Baccus, Richard W. Manning, Kelly Bender. 2003. Comparison of avian communities within traditional and wildscaped residential neighborhoods in San Antonio, Texas. 50th annual meeting of the Southwestern Association of Naturalists, Norman, Oklahoma. and 38th annual meeting of the Texas Chapter of The Wildlife Society. Waco, Texas.
- O'Connor, Kathleen M., Thomas R. Simpson, John T. Baccus, Francis L. Rose, and Steven Windhager. 2003. Herptile abundance and diversity in response to seasonal burning on a

- Central Texas Ashe juniper-live oak savannah. Annual meeting, Texas Herpetological Society; San Marcos, Texas.
- Polito, Christine R., Thomas R. Simpson, Richard W. Manning, John T. Baccus, Thomas L. Arsuffi. 2003. Invertebrate fauna inhabiting carapaces of the Texas river cooter (*Pseudemys texana*) and the red-eared slider (*Trachemys scripta elegans*). Annual meeting, Texas Herpetological Society; San Marcos, Texas and the 50th annual meeting of the Southwestern Association of Naturalists, Norman, Oklahoma.
- Winters, Amy M., Thomas R. Simpson, John T. Baccus, Richard W. Manning, T. Wayne Schwertner. 2003. Seasonal diets of gemsbok (*Oryx gazella gazella*) at Mason Mountain Wildlife Management Area, Mason County, Texas. 50th annual meeting of the Southwestern Association of Naturalists, Norman, Oklahoma and 38th annual meeting of the Texas Chapter of The Wildlife Society. Waco, Texas.
- Allender, Karen C., Richard W. Manning, Francis L. Rose, T. Wayne Schwertner, and Thomas R. Simpson. 2002. Home range of the crevice spiny lizards (*Sceloporus poinsettii*) at Mason Mountain Wildlife Management Area, Mason County, Texas. 37th annual meeting of the Texas Chapter of The Wildlife Society, Corpus Christi, Texas, and 2001, the 48th annual meeting of the Southwestern Association of Naturalists, Fort Hays, Kansas.
- Hein, Cris D., John T. Baccus, R.W. Manning, and T. R. Simpson. 2001. Population structure and dynamics of juvenile brazilian free-tailed Bats (*Tadarida brasiliensis mexicana*) banded in Central Texas. 48th annual meeting of the Southwestern Association of Naturalists, Fort Hays, Kansas.
- Swannack, Todd M., Francis L. Rose, R. W. Manning, T. R. Simpson. 2000. Seasonal sex ratio differences in a population of stinkpots (*Sternotherus odoratus*). 47th annual meeting of the Southwestern Association of Naturalists, Denton, Texas.
- Banks, Beth W., Thomas R. Simpson, John T. Baccus, Richard W. Manning. 1999. Avifauna diversity and habitat relationships on a central Texas ranch. 46th annual meeting of the Southwestern Association of Naturalists, Monterrey, Nuevo Leon, Mexico
- Simpson, Thomas R., Francis L. Rose, Richard W. Manning, Melissa D. Chesser. 1999. Effects of major flooding on turtle populations of Spring Lake, Hays County, Texas. 46th annual meeting of the Southwestern Association of Naturalists, Monterrey, Nuevo Leon, Mexico.
- Hudson, Jayson M., Thomas R. Simpson, Richard W. Manning, Francis L. Rose. 1999. Determination of home range of the raccoon, *Procyon lotor*, and the degree of interaction with domesticated animals at Aquarena Center, San Marcos, Hays County, Texas. 46th annual meeting of the Southwestern Association of Southwestern Association of Naturalists, Monterrey, Nuevo Leon, Mexico, the 49th Annual Southwest Conference on Diseases in Nature Transmissible to Man, Tyler, Texas 25 May 1999.
- Rose, Francis L., Richard Manning, Thomas R. Simpson, and James Ott. 1999. Structure of the Honey Creek cottonmouth (*Agkistrodon piscivorus*) population, Comal County, Texas. 46th annual meeting of the Southwestern Association of Naturalists, Monterrey, Nuevo Leon, Mexico.
- Simpson, T.R., R.W. Manning, and F.L. Rose 1998. Nesting ecology of the Texas river cooter (*Pseudemys texana*) and the red-eared slider (*Trachemys scripta*) at Spring Lake, Hays County, Texas. 45th Annual Southwestern Association of Naturalists, Albuquerque, New Mexico.

- Jenkins, Sarah, Francis L. Rose, Thomas R. Simpson, Richard W. Manning. 1998. Comments on the status of the Texas river cooter, *Pseudemys texana*, based on head patterns. 45th Annual Meeting of Southwestern Association of Naturalists, Albuquerque, New Mexico.
- Aguirre, Paul B., Francis L. Rose, T.R. Simpson, and R.W. Manning. 1998. Space use patterns of the common snapping turtle (*Chelydra serpentina*) in the headwaters of the San Marcos River, Hays County, Texas. 45th Annual Meeting of Southwestern Association of Naturalists, Albuquerque, New Mexico.
- Rose, Francis L., Richard W. Manning, Thomas R. Simpson. 1998. Comments on the syntopic populations inhabiting the headwaters of the San Marcos River, Hays County, Texas. 45th Annual Meeting of Southwestern Association of Naturalists, Albuquerque, New Mexico.
- Simpson, T. R. 1993. Deer breeding programs -myths and realities. 6th Annual South Texas Wildlife Conference 9-10 September 1993. Texas A&M University, Kingsville.
- Simpson, T. 1990. Management strategies for different markets. Workshop, wildlife management for recreation on private lands. 20 October, Southwest Texas State Univ. Freeman Ranch.
- Simpson, T. 1990. The helicopter census, what it will and will not do. Invited paper, South Texas Wildlife Conf. 26 -28 September, Laredo, TX.
- Simpson, T. and S. Bentsen. 1990. The effects of increasing canopy cover on helicopter censusing of white-tailed deer herds. Annual meeting Texas Chapter, The Wildlife Society.
- Simpson, T., J. Everitt, S. Bentsen. 1986. Treatment of white-tailed deer rumen contents affecting analyses of nutritional components. Annual meeting Texas Chapter, The Wildlife Society.
- Simpson, T. 1984. The applicability to trophy management programs of selectively breeding white-tailed deer for improved antler development. Annual meeting, Texas Chapter, The Wildlife Society.
- Davis, D., L. Adams, F. Heck, J. Williams, and T. Simpson. 1981. Interspecific transmission of *Brucella abortus* from experimentally infected coyotes to parturient heifers. Annual meeting, Wildlife Disease Assoc.
- Davis, D., L. Adams, T. Simpson, F. Heck, J. Williams. 1981. Experimental infection of captive Axis deer with *Brucella abortus*, Biotype I. Annual meeting, Wildlife Disease Assoc.
- Simpson, T. 1981. The influence of nutria feeding activities on aquatic vegetation and waterfowl in East Texas. Annual meeting, Texas Chapter, The Wildlife Society.
- Simpson, T. 1979. Trap avoidance in marked nutria: a problem in population estimation. Thirty-third Ann. Conf. S.E. Fish & Wildl. Agencies, Hot Springs, AK.

2. Invited Talks, Lectures, and Presentations:

NA

3. Consultancies:

NA

4. Workshops:

Member of organizational teams for the following programs and workshops:
Overabundant White-tailed deer in Texas: impacts on people, communities, and the Land.
May 18, 2006. Texas State University-San Marcos.
Impact of Forestry management practices on herptiles. Temple Inland Industries Forest
Management and Herptile Conservation, May 2004. (organized and presented by T.
Simpson, M. Longoria, T. Swannack).
Setting the Stage for Wildlife Conservation in the 21st Century. Texas Chapter of The
Wildlife Society Conservation Education Workshop for Teachers. Texas State
University-San Marcos.
Hays County Chapter of Texas Master Naturalists. Various presentations to local chapter.

5. Other:

N/A

Grants and Contracts

1. Funded External Grants and Contracts:

Simpson, T. R. and M. Clay Green. 2008. Mammal Survey of Camp Mabry, Austin, Texas.
Texas National Guard, \$26,735.00.
Simpson, T. R. and M. Clay Green. 2007. Defining Areas of Potential Ocelot Habitat.
Section 6 Endangered Species Federal funds administered by Texas Parks and Wildlife,
\$52,513.00 (*Notification of funding received by e-mail, 6-24-2008; awaiting signature of
regional director*).
Forstner, M. R. J., T. R. Simpson, (plus 13 other participants from different universities in Texas)
US Department of Agriculture/Texas Parks and Wildlife Department: Assessing Texas'
freshwater turtles (\$893,108, 5 years, 02/01/08-01/31/13)
Simpson, T. and J. Baccus. 2007-2008. Blanco Avian Project. Texas Nature Conservancy,
\$10,000.00
Simpson, T. and T. Schwertner. 2006-2009. Ecological Dynamics of Bottomland Hardwood
Communities in the Edwards Plateau of Texas. Texas Parks and Wildlife Department,
\$96,649.00
Simpson, T. and F. Rose. 2006-2007. Evaluation of the San Marcos River at or near all road
crossings in Hays, Guadalupe, and Gonzales Counties as *Graptemys caglei* habitat. Texas
Department of Transportation, \$20,852.
Forstner, M.R.J. and T. R. Simpson. 2005-2006. Prescribed fire in the Lost Pines: Effects on
small mammal fauna of Bastrop State Park, Texas Parks and Wildlife Department.
(\$8,500)
Bender, K. and T. Simpson. 2005. Effect of exotic plant species in central Texas urban
habitats on grassland nesting bird species composition, relative abundance, distribution,
and nesting behavior. Orion, Inc. and Braun & Associates. \$11,450.00.
Simpson, T. and L. Linam. 2004. Horned Lizard intern grant. Texas Parks and Wildlife
Department, \$1275.
Rose, F. and T. Simpson. 2004. Survey of the Blanco River for *Graptemys caglei*.
International Institute for Sustainable Water Resources and The Nature
Conservancy, \$30,000.
Bender, K. and T. Simpson. 2004-2005, Effect of exotic plant species in central Texas urban
habitats on neotropical migrant bird species and relative abundance. Orion,
Inc. and Braun and Associates, \$10,000.

- Bender, K. and T. Simpson. 2003. Conservation Action Grant. Texas Parks and Wildlife Department, \$13,648.
- Simpson, T. and R. Manning. 2003. Home range and movements of nutria along the Rio Grande River, Big Bend National Park, \$12,000
- Simpson, T. and R. Manning. 2003. Desert Southwest Cooperative Ecosystem Study Unit, National Park Service Contract. Preliminary survey of nutria in a selected stretch of the Rio Grande River, Big Bend National Park, \$19,800
- Simpson, T. and K. Bender. 2000 – 2001. Texas Parks and Wildlife Urban Intern Program. \$8700.00
- Baccus, J. and T. Simpson. 1999-2002. Texas Parks and Wildlife. Seasonal Food Habits/Preference of White-tailed deer in the Rolling Plains Ecological Region of Texas, \$100,000.00
- Simpson, T., J. Baccus, R. Manning. 1998. Avifauna Survey of Freeman Ranch, extension. Southwest Texas State University. \$1000.00
- Simpson, T., J. Baccus, R. Manning. 1997. Avifauna Survey of Freeman Ranch. Southwest Texas State University. \$5000.00
- Simpson, T. and J. Baccus. 1997. Helicopter survey of Freeman Ranch. Southwest Texas State University. \$2500.00
- Baccus, J. and T. Simpson. 1996. Texas Parks and Wildlife. Seasonal Food Habits/Preference of White-tailed deer in the Cross Timbers and Prairies Region of Texas. \$59,659.00.

2.

a. Submitted, but not Funded, External Grants and Contracts:

- Green, M. C., J. T. Baccus, T. R. Simpson. 2008. Small mammal and avian response to wildfire in the South Texas Plains. Texas Parks and Wildlife Department. \$50,217.00.
- Simpson, T. R., F. L. Rose. 2008. Evaluation of Cagle's Map Turtle (*Graptemys caglei*) Habitat in the Blanco and San Marcos Rivers. Texas State Wildlife Grants and Wildlife Diversity Grants, Texas Parks and Wildlife. \$31,645.00.
- Simpson, T. R., F. L. Rose. 2007. Evaluation of Cagle's Map Turtle (*Graptemys caglei*) Habitat in the Blanco and San Marcos Rivers. Texas Parks and Wildlife Diversity Grants. \$43,982.00.
- Simpson, T. R. and M. Clay Green. 2007. Defining Areas for Potential Ocelot Habitat in the South Texas Brushlands. Texas Parks and Wildlife Diversity Grants. \$47,883.00.
- Green, Clay, John Baccus, Michael Forstner, Francis Rose, Randy Simpson, Floyd Weckerly, Michael Small. 2007. Assessment of Lower Rio Grande River Corridor vertebrate fauna and connectivity correlates. Texas Parks and Wildlife Department. \$152,850.00
- Weckerly, F. L. and T. R. Simpson. 2007. Developing a visibility model for aerial surveys of mule deer. Texas Parks and Wildlife Department. \$528,016.00

b. Submitted, awaiting outcome

Funded Internal Grants and Contracts:

- Rose, F., T. Simpson, R. Manning. 1997. Movements of the raccoon, *Procyon lotor*, between relic riparian habitats and a wooded urban transitional zone at Aquarena Center. Southwest Texas State University.

3. Submitted, but not Funded, Internal Grants and Contracts

Home Range of *Pseudemys texana* in Spring Lake, Hays County, Texas. 2003. REP submission,

4. Fellowships, Awards, Honors:

NA

IV. SERVICE

A. University:

Selection Committee for the Presidential Award for Excellence in Teaching, 2007 & 2008

Texas State University Environmental Service Committee, 2006 - 2008.

Texas State University Freeman Ranch Operations Committee 2005

Texas State IACUC Committee 2003

Texas State University Travel Task Force, member; 2000

Texas State University. October 14, 2008. Building Productive Mentoring Relationships with Master's Students. Speaker at workshop hosted by Academic Development and Assessment,.

B. Departmental:

Aquarena Operations Committee – 2008-2009

Faculty Recognition Committee – 2008-2009

Biology Department Curriculum Committee - 2006 - 2008

Biology Department Space Committee - 2008

Texas State University Biology Departmental Self Review -2005

Internship Program Coordinator - 2003-2008

Member, Norris Scholarship Award Committee -1992 -2008

Member, Vehicle Use Committee -1995 -2005, 2007-2008

C. Community:

Vegetation and Wildlife Survey of Spring Lake Preserve, Winter / Spring. 2008. Report submitted to San Marcos Recreation Department. Wildlife Management Techniques (Bio 4435/5435) class.

Member-Comal County Biological Assessment Team - 2008

Workshop - Impact of Forestry management practices on herptiles. May 2004. Temple Inland Industries Forest Management and Herptile Conservation,. (organized and presented by T. Simpson, M. Longoria, T. Swannack).

Hays County Master Naturalists - multiple presentations, 2001-2007

D. Professional:

Texas Chapter, The Wildlife Society Chair, 8 committees 1986-2002

Reviewed scientific papers for:

Southeastern Naturalist

Journal of Herpetology
Journal of Arid Lands
Journal of Mammalogy

C. Organizations

NA

1. Honorary:

NA

2. Professional:

Faculty Sponsor for the Texas State University Student Chapter of The Wildlife Society -
1991-2008.

The Wildlife Society

American Ornithologists Union

Society for the Study of Amphibians and Reptiles

Southwestern Association of Naturalists

Texas Academy of Science