

TEXAS STATE VITAE

I. Academic/Professional Background

John Thomas Baccus

Professor of Biology

A. Educational Background:

- 1971 Doctorate of Philosophy: University of North Texas, Major: Vertebrate Ecology
 Dissertation: The Influence of a Return of Native Grasslands upon the Ecology and
 Distribution of Small Rodents in Big Bend National Park
- 1968 Master of Science: Midwestern State University, Major: Vertebrate Zoology
 Thesis: The Effect of the Brazos River on the Mammal Distribution in Baylor County, Texas
- 1966 Bachelor of Science in Education: Midwestern State University, Major: Biology

B. University Experience:

Associate Chair, Department of Biology, Texas State University (2003 to 2005)

Director Wildlife Ecology Graduate Program, Biology Department, Texas State University (2000 to present)

Professor of Biology Department of Biology, Texas State University (1982 to present)

Acting Chairman, Department of Biology, Southwest Texas State University (1989)

Assistant Chairman, Department of Biology, Southwest Texas State University (1982-84)

Associate Professor, Department of Biology, Southwest Texas State University (1978-1982)

Assistant Professor, Department of Biology, Southwest Texas State University (1975-1978)

Chairman, Division of Science and Mathematics, Wiley College (1973-1975)

Chairman, Biology Department, Wiley College (1972-1975)

Associate Professor, Biology Department, Wiley College (1971-1975)

Ecological Research Collaborator, National Park Service, United States Department of Interior (1970)

Zoology Instructor, Department of Biology, University of North Texas (1969-1970)

Assistant Curator, Museum of Zoology, University of North Texas (1968-1971)

Public School Teacher, Wichita Falls Independent School District (1966-1968)

II. TEACHING

A. Teaching Honors and Awards:

Robert B. Packard Distinguished Educator, Southwestern Association of Naturalists (2002)

Outstanding Educator, Texas Chapter of The Wildlife Society (1999)

Piper Outstanding Teaching Award Nominee for School of Science (1986)

B. Courses Taught:

General Zoology	Human Anatomy and Physiology
General Botany	Comparative Vertebrate Anatomy
Undergraduate Research	General Ecology
Natural History of Vertebrates	Mammalogy
Wildlife Management	Herpetology
Techniques in Wildlife Management	Fire Ecology
Conservation of Endangered Species	Wildlife Law
Wildlife Habitat Analysis	Evolutionary Ecology
Environmental Impact Assessment	Management and Conservation of Big Game
Wildlife Seminar	Biogeography

C. Graduate Doctoral Dissertation Completed as the Major Professor (1):

Small, M. 2007. Flow alteration of the lower Rio Grande and White-winged Dove range expansion.

D. Graduate Master's Theses Completed as the Major Professor (92):

Stayer, J. 2008. Red-tailed Hawk (*Buteo jamaicensis*) presence along roadside corridors in relation to urban environment characteristics in Austin, Texas.

Korn, J. 2008. Evaluating avian communities of the Blanco River valley using occupancy modeling and landowner conducted surveys.

Barlow, R. 2008. Food habits of hunter collected Northern Bobwhite Quail (*Colinus virginianus*) at the Chaparral Wildlife Management Area, south Texas.

Houston, D. 2008. Foraging behavior of the Black-capped Vireo in central Texas.

Lindsey, J. 2007. Using landscape-level data to predict the presence of Hammond's Flycatcher, Dusky Flycatcher, and Gray Flycatcher in dry-pine forests of north-central Washington.

Sperry, C. 2007. Influences of borders on Golden-cheeked Warblers in the Canyonlands Preserve, Travis County, Texas.

Cooksey, L. 2007. Assessment of infrared-triggered camera surveys for estimating white-tailed deer populations in central Texas.

Rosson-Singleton, S. 2006. Summer habitat use by waterbirds and waterfowl at a biosolids facility.

Myers, S. L. 2006. Assessing Black-capped Vireo (*Vireo atricapillus*) breeding habitat based on the size, spatial distribution, and plant species in shrub mottes at Kerr Wildlife Management Area.

Johnston, M. 2006. A survey of potential predators of the Golden-cheeked Warbler (*Dendrocia chrysoparia*) in relation to different edges.

Troy, J. 2005. Winter foraging behavior by Eastern Phoebe (*Sayornis phoebe*) in central Texas.

Shelton, S. 2004. Annual and temporal population characteristics of *Tadarida brasiliensis* and *Myotis velifer* at the Old Tunnel Wildlife Management Area, Kendall County, Texas.

Kiefer, S. 2004. Habitat affinities for white-tailed deer and Rio Grande Turkey at the Griffith League Ranch, Bastrop County, Texas.

Smythe, V. 2004. Avian species richness along the urban-rural gradient of the San Marcos River.

- Schaefer, C. 2004. White-winged Dove movements and reproduction in a recently colonized urban environment.
- Fanning, A. 2004. Waterfowl use of stock ponds based on degree of disturbance.
- Dufault, D. 2004. Habitat occupancy by the Black-capped Vireo (*Vireo atricapillus*) following prescribed burns at the Kerr Wildlife Management Area
- Juergens, P. 2003. Ecology and populations of the Peregrine Falcon on South Padre Island.
- Mink, J. 2003. Hematological responses in captive White-winged Doves (*Zenaida asiatica*) induced by various radio transmitter attachments with observations on *Haemoproteus* spp. Susceptibility.
- Mostyn, C. 2003. White-tailed deer overabundance: a threat to regeneration of Golden-cheeked Warbler habitat.
- Burke, K. 2003. Seasonal food habits and preferences of white-tailed deer in the rolling plains ecological region of Texas.
- Moren, S. 2003. Site fidelity and sex ratios of eastern pipistrelles (*Pipistrellus subflavus*) hibernating in a central Texas cave.
- Beaver, T. 2003. Ethology of the exotic ungulate red lechwe: an interdisciplinary study.
- Scrivner, K. 2003. Characteristics and management of scimitar-horned oryx (*Oryx dammah*) in Texas.
- Bender, S. 2002. Waterfowl and waterbird use of a created wetlands.
- Gray, M. 2002. Breeding biology of subcutaneously transmitter implanted White-winged Dove (*Zenaida asiatica*) in Kingsville, Texas.
- Logsdon, J. 2002. Cover preference after flushing by pen-reared Northern Bobwhites (*Colinus virginianus*) on a hunting preserve in central Texas.
- Breeden, J. 2002. Breeding and nesting behavior and habitat of the Red-billed Pigeon (*Columba flavirostris*) along the Rio Grande River in Texas.
- Dean, R. 2002. The effects of wastewater effluent and a flood event on amphibian and reptilian communities.
- Pruitt, K. 2001. Variation in levels of fluctuating asymmetry in antlers of white-tailed deer based on age and yearling antler type.
- Peterson, C. 2001. Golden-cheeked Warbler (*Dendroica chrysoparia*: Parulidae) territory and non-territory habitat choice in fragmented Ashe juniper patches on the Kerr Wildlife Management Area.
- McGhee, J. 2001. Interspecies interactions between axis (*Axis axis*) and fallow (*Dama dama*) deer at supplemental food patches.
- Hein, C. 2001. Population structure and dynamics of juvenile Brazilian free-tailed bats (*Tadarida brasiliensis mexicana*) banded in central Texas.
- Najvar, P. 2001. The effects of diel water quality fluctuations on reproduction and growth in the San Marcos salamander.
- Poor, S. 2000. Food habits of white-tailed deer in the Western Cross Timbers of Texas.

- Pierce, B. 2000. A non-linear spotlight line transect method for estimating white-tailed deer densities.
- Nelka, J. 1999. The relationship between Black-capped Vireo (*Vireo atricapillus*) territory density and prescribed burn and environmental variables at the Kerr Wildlife Management Area, Kerr County, Texas.
- Tanner, T. 1999. Sex ratios and emergence patterns of *Tadarida brasiliensis* (Mexican Free-tailed Bat) at a central Texas pseudomaternal colony.
- Prado, F. 1999. Bird activity and seed dispersal in two neotropical trees: *Guarea macrophylla* and *Trichilia quadrijuga* (Meliaceae).
- Kerchoff, R. 1999. Comparison of antler measurements and body weights of fork-antlered as a yearling to spiked-antlered as a yearling white-tailed deer at age 2.5 years.
- Nickalus, A. 1998. Breeding biology of Mexican free-tailed bats in central Texas.
- Hendrick, P. 1998. Comparison of antler measurements and body weights of fork-antlered as a yearling to spiked-antlered as a yearling white-tailed deer at age 1.5 years.
- Kuhl, C. 1998. Ecology of the red lechwe (*Kob leche*) on a central Texas ranch.
- Becker, H. 1998. Small mammal diversity on a heavily grazed rangeland.
- Cypher, R. 1997. A Comparison of productivity of Northern Bobwhite with 1:1 and 1:5 male to female sex ratios.
- Harper, K. 1997. Population dynamics and emergence patterns of the bat colony at Old Tunnel Wildlife Management Area.
- Cooper, A. 1997. The effect of imposing hunting on an un hunted population of the American alligator (*Alligator mississippiensis*).
- Coats, C. 1997. Development of a geographic information system as an analysis tool for management of the Black-capped Vireo (*Vireo atricapillus*) on the Kerr Wildlife Management Area.
- Etinear, J. 1997. Population status and distribution of the White-collared Seedeater in the Rio Grande valley of Texas.
- Schwausch, K. 1997. Habitat affinity of small rodents at Colorado Bend State Park.
- Sutton, K. 1997. Baseline inventory and initial effects of three range management practices on the Tobusch fishhook cactus (*Ancistrocactus tobuschii*: Cactaceae) at the Walter Buck Wildlife Management Area, Texas.
- McGinty, K. 1996. Management of the Kerr Wildlife Management Area white-tailed deer herd.
- Perez, R. 1996. Survival and movement behavior of captive-raised Northern Bobwhite (*Colinus virginiana*) in the Coastal Sand Plain of Texas.
- Gass, L. 1996. Parental nesting behavior of Golden-cheeked Warblers.
- O'Neal, K. 1996. Effects of prescribed burning on the habitat, distribution, and production of Black-capped Vireos at the Kerr Wildlife Management Area.
- Schwertner, T. 1996. Habitat affinity of mammals at Kickapoo Cavern State Natural Area.

- Johnson, J. 1996. A comparison of avifauna diversity of a woodlot with an urban area.
- Sparkman, L. 1996. Effects of moderate human intrusion on singing behavior of Black-capped Vireos (*Vireo atricapillus*) at Hill Country State Natural Area.
- Roberts, S. 1996. Comparison of antler measurements and body weights of fork-antlered as a yearling and spike-antlered as a yearling white-tailed deer at age 4.5 years.
- Smartt, J. 1996. Determination of egg characteristics for the Mediterranean gecko, *Hemidactylus turcicus*, in Texas.
- Hicks, C. 1995. Habitat affinity of the herpetofauna at Honey Creek State Natural Area.
- Dorsey, S. 1995. Age Determination of juvenile Northern Bobwhite (*Colinus virginianus*) by wing feather characteristics.
- Wallace, M. W. 1994. Distribution and habitat affinity of the swamp rabbit (*Sylvilagus aquaticus*) on the Edwards Plateau of Texas.
- Spears, P. 1994. Survival of hand-reared white-tailed deer fawns in the wild.
- Dees, k. 1994. Productivity of Northern Bobwhite (*Colinus virginianus*) under a 17-hour light regime.
- Sawyer, M. 1993. A study of the Trans-Pecos rat snake (*Bogertophis subocularis*) to evaluate movement, home range, temperature, den site preference, and plant association using radio telemetry.
- Bailey, M. 1993. Visitor impact and emergent behavior patterns of a central Texas bat colony.
- Kingswood, S. C. 1992. Synaptonemal complex analysis in spermatocytes of the Arabian sand gazelle (*Gazelle subgutturosa marica*).
- Kainer, M. 1992. Woody vegetation usage by American beaver (*Castor canadensis*) on the San Marcos, Blanco, and San Gabriel Rivers.
- Barrera, A. 1992. Ecology of the Red-crowned Parrot on the San Marcos River.
- Posey, J. C. 1991. The incidence of melanism in white-tailed deer along the eastern edge of the Balcones Escarpment.
- Terpening, K. K. 1989. Population dynamics and home range of the white-ankled mouse (*Peromyscus pectoralis*) in central Texas.
- Ellison, L. C. 1988. Feeding site selection by adult Rio Grande wild turkey (*Meleagris gallopavo*) as influenced by controlled habitat burning on the Edwards Plateau of Texas.
- Ramos, K. T. 1988. Net natality and fawn survival of white-tailed deer (*Odocoileus virginianus*) in the Edwards Plateau of Texas.
- Waldo, J. F. 1988. Electrophoretic analysis of hemoglobin banding patterns of Texas white-tailed deer.
- Merkord, P. 1987. Food habits of the scimitar-horned oryx.
- Welch, R. D. 1987. Food habits of the sika deer (*Cervus nippon*) in relation to the white-tailed deer.
- Harman C. R. 1986. Effects of rural development on avian community structure.

Beechinor, D. B. 1986. Preburn and postburn activity patterns of the white-tailed Deer (*Odocoileus virginianus*).

Ladd, G. C. 1985. Nesting habitat requirements of the Golden-cheeked Warbler.

Ewing, M. A. 1984. Felid infant diets and dietary formulations used in hand-rearing cubs.

Cross, D. C. 1984. The food habits of white-tailed deer on the Kerr Wildlife Management Area in conjunction with prescribed burning and rotational livestock grazing systems.

Skrei, S. G. 1984. Comparative food habits of white-tailed deer and blackbuck antelope.

McCoig, G. M. 1983. Population dynamics and habitat utilization by *Dipodomys compactus* in a beach community on North Padre Island National Seashore.

Hunter, N. L. 1983. The effects of prescribed burning on the forage utilization patterns and population density of white-tailed deer (*Odocoileus virginianus*) on the Kerr Wildlife Management Area.

Wiley, L. K. 1982. Interspecific interactions between white-tailed deer and blackbuck antelope.

Ray, R. T. 1982. Selenium concentrations in the hair of central and south Texas white-tailed deer.

Cordes, J. E. 1981. Population dynamics and movements of a cavern population of white-ankled mice, *Peromyscus pectoralis*, in Longhorn Cavern State Park.

Cox, D. A. 1981. Phylogenetic implications of two hair structures of some Texas land carnivores.

Dalby, F. C. 1980. Parapatric distributions of *Neotoma floridanus* and *Neotoma micropus* in south central Texas: an ecological and morphological study.

Hardwick, J. M. 1978. Food habits of *Peromyscus pectoralis* in central Texas.

Horton, J. K. 1978. Population dynamics, home range, habitat utilization, and other ecological aspects of *Peromyscus pectoralis* (Rodentia: Cricetidae) in an ecotone near the edge of the Edwards Plateau in central Texas.

D. Curriculum Development

Wildlife Biology/Management BS Program

2007-2008 Complete revision of undergraduate Wildlife Biology degree

Wildlife Ecology MS Program

F. Teaching Grants

2008. Human Dimensions in Research and Teaching. Texas Parks and Wildlife. \$301,876.00

III. SCHOLARLY/CREATIVE

A. Works in Print

1. Books

a. Scholarly Monographs:

Baccus, J. T., M. E. Tollé, and J. D. Cornelius. 2007. Response of Golden-cheeked Warblers (*Dendroica chrysoparia*) to wildfires at Fort Hood, Texas. Miscellaneous Publication of the Texas Ornithological Society. Occasional Publication No. 7, Texas Ornithological Society. 39 pp.

Small, M. F., J. T. Baccus, T. W. Schwertner. 2006. Historic and current distribution and abundance of white-winged doves in the United States. Miscellaneous Publication of the Texas Ornithological Society. Occasional Publication No. 6, Texas Ornithological Society. 22 pp.

Dillard, J., S. Jester, J. T. Baccus, T. R. Simpson, and L. Poor. 2005. White-tailed deer food habits and preferences in the Cross Timbers and Prairies of north-central Texas. Texas Parks and Wildlife Technical Bulletin 2005-1, Texas Parks and Wildlife Department, Austin, Texas. 65 pp.

b. Edited Books:

J. C. Eitnienar, J. T. Baccus, J. C. Carroll, and L. Dingle (Editors). 2005. Conservation of quail in the Neotropics. The Printery Press, Irvine, California.

Baccus, J. T. 1982. *Texas Wildlife Resources and Land Use*. Texas Chapter, The Wildlife Society. Austin, Texas. 199 pp.

c. Book Chapter:

Baccus, J. T., and J. C. Eitnienar. 2007. Quails on the Edwards Plateau. Pages 217-232 *in* Texas quails: ecology and management (L. Brennan, ed.). Texas A&M Press, College Station, Texas.

2. Articles

a. Refereed Journal Articles:

Houston, D. R. and J. T. Baccus. 2009. Foraging behavior of the Black-Capped Vireo in central Texas. *Wilson Journal of Ornithology*. In Review.

Small, M. F., J. T. Baccus, and J. A. Roberson. 2009. Intra-annual variation in White-winged Dove density in the Texas hill country. *Bulletin Texas Ornithological Society*. In Press.

Korn, J. M., T. R. Simpson, and J. T. Baccus. 2009. Evaluating avian communities of the Blanco River valley using occupancy modeling and landowner conducted surveys. *Bulletin of the Texas Ornithological Society*. In Press.

Small, M. F., M. L. Collins, J. T. Baccus, and S. J. Benn. 2009. Morning and Evening Densities of Doves in the lower Rio Grande valley, Texas. *Texas Journal of Science*. In Review.

Small, M. F., B. L. Pierce, J. Veech, J. T. Baccus, and J. A. Roberson. 2009. A field trial of morning versus evening distance sampling of White-winged Doves in Texas. *Auk*. In Review.

Brown, D. J., D. M. Spontak, M. N. Tibbits, A. R. Connolly, and J. T. Baccus. 2009. Enhancing the farm bill's conservation potential through land prioritization. *Journal of Wildlife Management*. In Press.

Jacques, C. N., J. A. Jenks, and J. T. Baccus. 2008. Semi-melanistic white-tailed deer in northern Wisconsin. *Prairie Naturalist*. In Press.

Stayer, J. R. and J. T. Baccus. 2009. Red-tailed Hawk (*Buteo jamaicensis*) presence along roadside corridors in relation to urban environment characteristics in Austin, Texas. *Urban Ecology*. In Review.

- Small, M. F., J. T. Baccus, T. R. Simpson, and M. C. Frisbie. 2009. Home range characteristics of two distinct urban nesting White-winged Dove populations in Texas. *Southwestern Naturalist*. In Press.
- Zickler, K. W., T. R. Simpson, B. L. Pierce, J. T. Baccus, F. W. Weckerly, and K. Bender. 2008. A comparison of distance sampling and point counts in assessing urban bird communities. *Journal of Field Ornithology*. In Review.
- Parlos, J. A. C. C. Nice, J. T. Baccus and M. R. J. Forstner. 2008. Inferences of population stability from the application of mitochondrial DNA to demographic analyses: *Myotis velifer* in Texas. *Endangered Species Research*. In Review.
- Small, M. F., J. T. Baccus, and J. A. Roberson. 2008. Productivity in an urban White-winged Dove population on the Edwards Plateau, Texas. *Southwestern Naturalist*. In Review.
- Barlow, R., T. R. Simpson, and J. T. Baccus. 2008. Food habits of hunter harvested bobwhite quail (*Colinus virginianus*) at the Chaparral Wildlife Management Area in south Texas. *Southeastern Association of Fish and Wildlife Agencies*. In Press.
- Small, M. F., M. R. J. Forstner, and J. T. Baccus. 2008. Are avian karyotypes representative of taxonomy?: a simple test in R. *Texas Journal of Science*. In Press.
- Baccus, J. T., J. M. Hardwick, D. G. Huffman and M. A. Kainer. 2008. Seasonal trophic ecology of the white-ankled mouse, *Peromyscus pectoralis* (Rodentia: Muridae) in central Texas. *Texas Journal of Science* 61. In Press.
- Troy, J. F. and J. T. Baccus. 2009. Effects of weather and habitat on foraging behavior of non-breeding Eastern Phoebe. *Wilson Journal of Ornithology* 121(2). In Press.
- Small, M. F., T. H. Bonner, and J. T. Baccus. 2009. Hydrologic alteration of the lower Rio Grande terminus: a quantitative assessment. *River Research and Applications*. 25:241-252.
- Small, M. F., J. T. Baccus, and M. C. Frisbie. 2008. Predation of a Northern Cardinal (*Cardinalis cardinalis*) by a fox squirrel (*Sciurus niger*). *Bulletin of the Texas Ornithological Society*. 41(2):68-69.
- Ferguson, A. W., F. W. Weckerly, J. T. Baccus, and M. R. J. Forstner. 2008. Estimates and Effects of Vertebrate Predation on Drift Fence Associated Pitfall Traps. *Southwestern Naturalist* 43:450-457.
- Breeden, J, M. F. Small, J. T. Baccus, and J. C. Eitniear. 2008. Vegetative composition of areas with and without Red-billed Pigeons (*Patagioenas flavirostris*) in Texas. *Southwestern Naturalist*. In Press.
- Small, M. F., J. T. Baccus, and T. W. Schwertner. 2008. Survivorship of radio-transmittered urban white-winged doves on the Edwards Plateau, Texas. *Texas Journal of Science* 60:45-56.
- Baccus, J. T., M. Kainer, T. R. Simpson, and M. F. Small. 2007. Woody plant use and preferences by foraging American beaver in central Texas. *Texas Journal of Science* 59:243-260.
- Eitniear, J. C., R. Cal, W. Martinez, O. Fiqueroa, J. T. Baccus, and M. F. Small. 2007. Hunting Black-throated Bobwhite for sustainability in Belize: preliminary results of a population study. *Quail VI*. In Press.
- Small, M. F., E. S. Taylor, J. T. Baccus, C. L. Schaefer, T. R. Simpson, and J. A. Roberson. 2007. Nesting home range and movements of an urban white-winged dove population. *Wilson Journal of Ornithology* 119:467-471.
- Deangelo, G and J. T. Baccus. 2007. First record of melanistic white-tailed deer in Pennsylvania. *American Midland Naturalist*. 157:401-403.

Gray, S. S., T. R. Simpson, J. T. Baccus, R. W. Manning, and T. W. Schwertner. 2007. Seasonal diets and foraging preference of greater kudu in the Llano uplift ecological region of Texas. *Wildlife Biology* 13:75-83.

Najvar, P. A., J. N. Fries, and J. T. Baccus. 2007. Fecundity of San Marcos salamanders in captivity. *Southwestern Naturalist* 52:145-147.

Small, M. F., J. T. Baccus, and T. W. Schwertner. 2007. Observations of recaptured White-winged Doves with subcutaneous radio-transmitter implants. *Bulletin of the Texas Ornithological Society*. 40:29-31.

McGhee, J. and J. T. Baccus. 2006. Interspecies interactions between axis (*Axis axis*) and fallow (*Dama dama*) deer at supplemental food patches. *Southwestern Naturalist* 51:358-367.

Troy, J. R. and J. T. Baccus. 2006. Foraging in insect swarms by eastern phoebes. *Bulletin of the Texas Ornithological Society*. 39:63-64.

Small, M. F., J. T. Baccus, and F. W. Weckerly. 2006. Are subcutaneous implanted transmitters really better than intracoelomic? A response. *Wildlife Society Bulletin* 34:890-893.

Small, M. F., J. T. Baccus and J. A. Roberson. 2006. Breeding ecology of radio-tagged white-winged doves (*Zenaida asiatica*) in the coastal bend of Texas. *Texas Journal of Science* 58: 79-86.

Small, M. F., C. L. Schaefer, J. T. Baccus, and J. A. Roberson. 2005. Breeding ecology of a recently colonized urban white-winged dove population. *The Wilson Bulletin* 117 (2): 172-176.

Small, M. F., J. T. Baccus, J. N. Mink, and J. A. Roberson. 2005. Hematological responses in captive white-winged doves (*Zenaida asiatica*) induced by various radiotransmitter attachments. *Journal of Wildlife Diseases*. 41 (2): 387-394.

Baccus, J. T. 2005. Conservation of the bearded wood-partridge in Mexico. Pp 9-12 in J. C. Eitniear, J. T. Baccus, J. C. Carroll, and L. Dingle (Editors). *Conservation of quail in the Neotropics*. The Printery Press, Irvine, California.

Schaefer, C. L., J. T. Baccus, M. F. Small, and R. D. Welch. 2005. Trapping and recapture rates for urban white-winged doves in Waco, Texas. *Bulletin of the Texas Ornithological Society* 38: 12-15.

Schaefer, C. L., M. F. Small, J. T. Baccus, and R. D. Welch. 2004. First definitive record of more than two nesting attempts by wild white-winged doves in a single breeding season. *Texas Journal of Science* 56:179-182.

Baccus, J. T. and J. C. Posey. 2004. Melanistic whitetails: the rarest of trophies. *Journal of Texas Trophy Hunters*. 29:(4): 246-251.

Ross-Schaefer, C., J. T. Baccus, G. Waggenerman, M. F. Small, J. Cano, and R. D. Welch. 2004. White-winged dove distribution, movements, and reproduction in a recently colonized urban environment. Pp 42-44 in *Webless migratory game bird research program* (D. D. Dalton, ed.). U. S. Fish and Wildlife Service, Division of Migratory bird Management, Denver, Colorado.

Small, M. F., R. Rosales, J. T. Baccus, F. W. Weckerly, D. N. Phalen, and J. A. Roberson. 2004. A comparison of effects of radiotransmitter attachment techniques on captive white-winged doves. *Wildlife Society Bulletin* 627-637.

Small, M. F., J. T. Baccus, and G. L. Waggenerman. 2004. A mobile anesthesia unit for implantation of radio transmitters in the field: a case study. *Southwestern Naturalist* 49:279-282.

- Ross-Schaefer, C., J. T. Baccus, G. Waggener, M. F. Small, J. Cano, and R. D. Welch. 2003. White-winged dove distribution, movements, and reproduction in a recently colonized urban environment. Pp 41-43 in *Webless migratory game bird research program* (D. D. Dalton, ed.). U. S. Fish and Wildlife Service, Division of Migratory bird Management, Denver, Colorado.
- Baccus, J. T. 2002. The impact of game ranching on wildlife management in Texas. *Transactions of the North American Wildlife and Natural Resources Conference* 67: 276-288.
- Eitnienar, J. C., and J. T. Baccus. 2002. Management implications of estimating abundance of quail species inhabiting forest environs in Mexico. *Fifth National Quail Symposium* 5:201-205.
- Eitnienar, J. C., S. H. Aguilar-Rodriguez, J. T. Baccus, and J. P. Carroll. 2001. Response rates of bearded wood-partridges (*Dendrortyx barbatus*, Aves: Phasianidae) to playback of a recorded call. *Vida Silvestre Neotropical* 10 (1-2):55-57.
- 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* 1-2000:1-31.
- Eitnienar, J. C., A. Aragon-Tapia, V. Gonzales, R. Pedraza, and J. T. Baccus. 2000. New galliformes for the Mexican state of Queretaro. *Cotinga* 13:31-34.
- Baccus, J. T. and J. C. Posey. 1999. Melanism in white-tailed deer in central Texas. *The Southwestern Naturalist* 44:184-192.
- Ott, J. R., S. A. Roberts, J. T. Baccus, D. E. Harmel, W. E. Armstrong, and E. Fuchs. 1999. Antler quality and body mass of spike- and fork-antlered yearling white-tailed deer at maturity. *Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies* 55: 400-413.
- Baccus, J. T. and J. C. Posey. 1999. Melanistic whitetails: the rarest of trophies. *Journal of Texas Trophy Hunters*. 24(5): 32-38.
- Ott, J. R., J. T. Baccus, S. A. Roberts, D. E. Harmel, E. Fuchs, and W. E. Armstrong. 1998. The comparative performance of spike- and fork-antlered yearling white-tailed deer: the basis for selection. Pp 22-32, in *Proceedings of the role of genetics in white-tailed deer management* (D. Rollins, ed.). Texas A&M University, College Station.
- Eitnienar, J. C., A. Aragon-Tapia, and J. T. Baccus. 1998. Unusual nesting of the muscovy duck, *Cairina moschata*, in northeastern Mexico. *Texas Journal of Science* 50:173-175.
- Demarais, S., J. T. Baccus, and M. S. Traweek, Jr. 1998. Nonindigenous ungulates in Texas: Long-term population trends and possible competitive mechanisms. *Transactions of the North American Wildlife and Natural Resources Conference* 63: 49-55.
- Sutton, K., J. T. Baccus, and M. Traweek. 1997. Habitat of Tobusch fishhook cactus in central Texas. *Southwestern Nat.* 42:441-445.
- Baccus, J. T., and M. W. Wallace. 1997. Distribution and habitat affinity of the swamp rabbit (*Sylvilagus aquaticus*: Lagomorpha: Leporidae) on the Edwards Plateau of Texas. *Occasional Papers of the Museum, Texas Tech University* 167:1-13.
- Sawyer, M. W., and J. T. Baccus. 1996. Movement ecology and thermal biology of *Bogertophis subocularis* (Brown) from Texas (Serpentes: Colubridae). *The Southwestern Naturalist* 41:182-186.
- O'Neal, K. G., and J. T. Baccus. 1996. Effects of prescribed burning on Black-capped Vireo habitat and distribution. *Transactions of the North American Wildlife and Natural Resources Conference* 61: 220-227.

- Bailey, M., J. T. Baccus, and R. D. Welch. 1995. Managing visitors to prevent disruption of emergence of bats. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies 49:348-355.
- Baccus, J. T. 1991. White-tailed deer: a study in population growth. Pp. 98-100, in *Texas Environmental Guide* (S. Felkamp, ed.). Holt, Rinehart, and Winston, Inc. Publishers, Austin, Texas. 124 pp.
- Mullican, T. R., and J. T. Baccus. 1990. Horizontal and vertical movements of the white-ankled mouse (*Peromyscus pectoralis*) in central Texas. *Journal of Mammalogy* 71:378-381.
- Hutcheson, A. M., J. T. Baccus, T. M. McClean, and P. J. Fonteyn. 1990. Response of herbaceous vegetation to prescribed burning in the Hill Country of Texas. *Texas Journal of Agriculture and Natural Resources* 3:42-47.
- Gu, Y. M., J. O. Whitaker and J. T. Baccus. 1990. A new species of the genus *Rhizolaelaps* (Acarina; Laelapidae). *Acarologia* 31:215-220.
- Whitaker, J. O., J. T. Baccus, A. G. Cleveland, and Y. M. Gu. 1990. Ectoparasites of some mammals from southern China. *Bulletin of Society of Vector Ecology* 15:53-58.
- Fonteyn, P. J., M. W. Stone, M. A. Yancy, J. T. Baccus, and N. M. Nadkarni. 1988. Determination of community structure by fire. Pp. 79-90, in *Edwards Plateau Vegetation Plant Ecological Studies in Central Texas* (B. B. Amos and F.R. Gehlbach, eds.). Baylor University Press, Waco, Texas. 145 pp.
- Goff, M. L., J. T. Baccus, and A. G. Cleveland. 1988. A new species of *Trombigastia* (Acari: Trombiculidae) from a horseshoe bat collected in China. *International Journal of Acarology* 13:149-151.
- Barrientos, R., J. T. Baccus, C. D. Carson, T. M. McClean, and P. J. Fonteyn. 1988. Effects of brush pile burning on soil nutrients and microbes in the Edwards Plateau of Texas. *Texas Journal of Agriculture and Natural Resources* 2:66-71.
- Nadkarni, N. M., P. J. Fonteyn and J. T. Baccus. 1985. Taking the brakes off of cedar. *Texas Parks and Wildlife*. 43(6):36-38.
- Baccus, J. T., D. E. Harmel and W. E. Armstrong. 1985. Management of exotic deer species in conjunction with white-tailed deer. Pp. 213-226, in *Game Harvest Management* (S.L. Beasom, ed.). Caesar Kleberg Wildlife Research Institute, Kingsville, Texas. 503 pp.
- Cleveland, A. G., J. T. Baccus and E. G. Zimmerman. 1984. Distributional records and notes for nine species of mammals in eastern Texas. *Texas Journal of Science* 35:323-326.
- Baccus, J. T. and J. K. Horton. 1984. Habitat utilization by *Peromyscus pectoralis* in central Texas. Pp. 7-26, in *Festschrift for Walter W. Dalquest in honor of his sixty-six birthday* (Norman V. Horner (ed.)). Biology Dept., Midwestern State Univ., Wichita Falls, TX. 163 pp.
- Fonteyn, P. J., M. W. Stone, M. A. Yancy, and J. T. Baccus. 1984. Fire-generated intraspecific and interspecific microhabitat variations in temperature. *American Midland Naturalist* 112:246-250.
- Baccus, J. T. and R. D. Welch. 1983. Asymmetry in the antler structure of sika deer from the Edwards Plateau of Texas. Pp. 211-221, in *Antler Development in Cervidae*, (R. Brown, ed.). Caesar Kleberg Wildlife Research Institute, Kingsville, Texas. 480 pp.
- Baccus, J. T. and J. K. Horton. 1982. Pedestrian impacts: Padre Island, Texas. Pp. 89-102, in *Barrier Island Forum and Workshop* (B. Mayo and L. Smith, eds.). National Park Service, Boston, Massachusetts 207 pp.

Baccus, J. T. and J. K. Horton. 1980. Studies of the relation between vehicle traffic and biotic sedimentary processes at Padre Island National Seashore. Proceedings of the Second Conference on Scientific Research in National Parks 9:307-46.

Fry, B., W. L. Jeng, R. S. Scalan, P. L. Parker and J. T. Baccus. 1978. Del ^{13}C food web analysis of a Texas sand dune community. *Geochimica et Cosmochimica Acta* 42:1299-302.

Baccus, J. T. 1977. Notes on the distribution of some mammals from Coahuila, Mexico. *The Southwestern Naturalist* 24:62.

Loomis, R. B., W. J. Wrenn and J. T. Baccus. 1975. Two new species of North American mites in the genus *Euschoengastia* (Acarina: Prostigmata). *The Southwestern Naturalist* 21:301-309.

Baccus, J. T. 1974. A preliminary ecological study of the mammals of Padre Island National Seashore. *Transactions of the Southwest Region Natural Science Conference of the National Park Service* 1: 144-5.

Easterla, D. A., and J. T. Baccus. 1972. A collection of bats from the Fronteriza Mountains, Coahuila, Mexico. *The Southwestern Naturalist* 17:424-427.

Loomis, R. B., W. J. Wrenn and J. T. Baccus. 1972. The chiggers (Acarina: Trombiculidae) of Big Bend National Park. *Nat. Park Serv. Tech Rep.* 17 pp.

Baccus, J. T. 1971. The mammals of Baylor County, Texas. *Texas Journal of Science* 22: 176- 185.

Baccus, J. T. 1971. Additional records of *Baiomys taylori* (Rodentia: Cricetidae) for northern Texas. *Texas Journal of Science* 23:148-149.

Baccus, J. T. 1968. Two noteworthy records of rodents from Baylor County. *The Southwestern Naturalist* 13: 362.

3. Reports:

Pierce, B. L. T. W. Schwertner, J. Roberson, M. F. Small, and J. T. Baccus. 2007. Lead shot position statement and literature review for the Texas Parks and Wildlife Department. Final Report, Texas Parks and Wildlife Department. Austin, Texas. 64 pp.

Baccus, J. T. 2006. Threatened and endangered species survey along a pipeline route to a wastewater treatment plant City of Jarrell, Texas. Final Report Future Links Technologies. 24 pp.

Baccus, J. T. 2006. A biological and endangered species survey for a proposed water treatment plant for the City of Jarrell, Texas. Final Report Future Links Technologies. 20 pp.

Baccus, J. T. 2003. Wildlife management plan for the Randolph Air Force Base Canyon Lake Recreational Area. Final Report. Department of Defense and U. S. Air Force and U. S. Fish and Wildlife Service. 53 pp.

Baccus, J. T. 2003. Wildlife depredation plan for Randolph Air Force Base and Seguin Auxiliary Air Field. Final Report. Department of Defense and U. S. Air Force and U. S. Fish and Wildlife Service. 75 pp.

Gray, M. G., M. F. Small, and J. T. Baccus, and G. L. Waggener. 2001. Field testing and refinement of surgical subcutaneous transmitter implants in white winged doves (*Zenaida Asiatica*). Final Report, Texas Parks and Wildlife Department. Austin, Texas. 15 pp.

Baccus, J. T., and M. Tolle. 2001. Response of the Golden-cheeked Warbler (*Dendroica chrysoparia*) to a wildfire on Fort Hood, Texas. Final report to the Nature Conservancy, Fort Hood Army Base, Texas. 35 pp.

- Baccus, J. T. and T. Rueckle. 1999. The effects of three range management practices (grazing, prescribed burning, and cutting Ashe juniper) on the distribution, population density, and vitality of Tobusch fishhook cactus (*Ancistrocactus tobuschii*) at the Walter Buck Wildlife management Area. Progress Report: Federal Aid Project, Texas Parks and Wildlife Department. 10 pp.
- Baccus, J. T. and C. Heidt. 1999. Population dynamics of juvenile Mexican free-tailed bats (*Tadarida brasiliensis*) banded at the Old Tunnel Wildlife Management Area. Progress Report: Federal Aid Project, Texas Parks and Wildlife Department. 9 pp.
- Baccus, J. T. and B. Hunt. 1999. Use of Ashe juniper woodland strips by Golden-cheeked Warblers on the Kerr Wildlife Management Area. Progress Report: Federal Aid Project, Texas Parks and Wildlife Department. 9 pp.
- Pierce, B. and J. T. Baccus. 1999. Wildlife trend analysis: A white-tailed deer management plan for Camp Bullis, Texas. U. S Corps of Engineers, Contract # DACA-63-92-D-0011. 80 pp.
- Baccus, J. T. 1998. Avian and small mammal ecology and grazing management. Proceedings of Diversity Symposium, Texas Parks and Wildlife Department, Southwest Texas State University, San Marcos, Texas.
- Baccus, J. T., and J. H. Koo. 1998. Assessment of proposed wildlife habitat sites for Formosa Plastics. Report # IEIS-98-01. Institute for Environmental and Industrial Science, Southwest Texas State University. 36 pp.
- Baccus, J. T., and J. H. Koo. 1998. Creation of wildlife habitat units at the Tejano Farms sites of Formosa Plastics. Report # IEIS-98-03. Institute for Environmental and Industrial Science, Southwest Texas State University. 29 pp.
- Pierce, B. and J. T. Baccus. 1998. Whited-tailed deer 1997 progress report for Camp Bullis, Texas. U. S Corps of Engineers, Contract # DACA-63-92-D-0011. 46 pp.
- Baccus, J. T. 1995. Effects of prescribed burning and juniper control on Black-capped Vireos Progress Report: Federal Aid Project No. W-125-R-3, Job 88. 4 pp.
- Baccus, J. T. and G. C. Ladd. 1986. Golden-cheeked warbler study. Progress Report: Federal Aid Project No. W-103-R-14, Job 53. 65 pp.
- Baccus, J. T. 1984. Effects of prescribed burning upon white-tailed deer habitat. Progress Report: Federal Aid Project No. W-109-R-4, Job 39. 50 pp.
- Baccus, J. T. 1984. Sika deer - white-tailed deer relationships. Federal Aid Project No. W-109-R-4, Job 40. 21 pp.
- Baccus, J. T. and G. C. Ladd. 1984. Golden-cheeked warbler study. Progress Report: Federal Aid Project No. W-103-R-14, Job 53. 27 pp.
- Baccus, J. T. 1983. Effects of prescribed burning upon white-tailed deer habitat. Progress Report: Federal Aid Project No. W-109-R-4, Job 39. 40 pp.
- Baccus, J. T. 1982. Effects of prescribed burning upon white-tailed deer habitat. Progress Report Federal Aid Project No. W-109-R-4, Job 39. 21 pp.
- Baccus, J. T. 1982. Sika deer - white-tailed deer relationships. Progress Report: Federal Aid Project No. W-109-R-4, Job 40. 25 pp.
- Baccus, J. T. 1981. Effects of prescribed burning upon white-tailed deer habitat. Progress Report: Federal Aid Project No. W-109-R-4, Job 39. 8 pp.

Baccus, J. T. 1981. Sika deer - white-tailed deer relationships. Progress Report: Federal Aid Project No. W-109-R-4, Job 40. 15 pp.

Baccus, J. T. and J. K. Horton. 1979. An ecological and sedimentary study of Padre Island National Seashore. Final Report, National Park Service Contract No. CX 702970059. 272 pp.

Baccus, J. T. 1976. A study of beach and dunes floral and faunal interrelations as influenced by recreational and user impact on Padre Island National Seashore. Final Report, National Park Service Contract No. CX 702960168. 120 pp.

B. Works not in Print

1. Papers Presented at Professional Meetings:

Korn, J. M., T. R. Simpson, J. T. Baccus, and F. W. Weckerly. 2008. Evaluating avian communities of the Blanco River Valley using occupancy modeling and landowner conducted surveys. Paper read at 43rd annual meeting of the Texas Chapter of the Wildlife Society.

Eitnienar, J., R. Cal, J. T. Baccus, and M. F. Small. 2007. Paper read at 50th annual meeting of the Southwestern Association of Naturalists. Managing Black-throated Bobwhites for sustainability in Belize: preliminary results of a population study. Paper read at 51th annual meeting of the Southwestern Association of Naturalists.

Grobe, K., T. R. Simpson, J. T. Baccus, and F. Weckerly. 2007. Nest site selection by Western Kingbirds, *Tyrannus verticalis*, in an urban environment. Paper read at 51th annual meeting of the Southwestern Association of Naturalists.

Small, M. F., J. T. Baccus, B. L. Pierce, and T. W. Schwertner. 2007. A field trial of morning versus evening distance sampling of white-winged doves in Texas. Paper read at the 110th annual meeting of the Texas Academy of Science.

Kalmbach, A., T. R. Simpson, F. Weckerly, J. T. Baccus, B. Pierce, and K. Bender. 2007. Effects of nonindigenous plants on bird communities in central Texas periurban habitats. Paper read at 42nd annual meeting of the Texas Chapter of the Wildlife Society.

Zickler, W., T. R. Simpson, F. Weckerly, J. T. Baccus, B. Pierce, and K. Bender. 2007. Bird community surveys: a comparison of results from distance sampling and point counts. Paper read at 42nd annual meeting of the Texas Chapter of the Wildlife Society.

Baccus, J. T. 2006. The effects of white-tailed deer overabundance of biodiversity. Presentation at Overabundant White-tailed Deer Symposium. Nature Conservancy.

Small, M. F. and J. T. Baccus 2004. Breeding biology of white-winged doves (*Zenaida asiatica*) with subcutaneously implanted radiotransmitters in Kingsville, Texas. Paper read at 51st annual meeting of the Southwestern Association of Naturalists.

O'Connor, K., T. Simpson, F. Rose, J. T. Baccus, and S. Windhager. 2004. Herptile abundance and diversity in response to seasonal burning on a central Texas live oak savanna. Paper read at 50th annual meeting of the Southwestern Association of Naturalists.

Baccus, J. T. and M. Tolle. 2003. Response of the golden-cheeked warbler to a wildfire at Fort Hood, Texas. Paper read at 50th annual meeting of the Southwestern Association of Naturalists.

Hunter, A., T. R. Simpson, R. W. Manning, J. T. Baccus, and K. C. Bender. 2003. Comparison of avian communities within traditional wildscaped residential neighborhoods in San Antonio, Texas. Paper read at 50th annual meeting of the Southwestern Association of Naturalists.

Winters, A. M., T. R. Simpson, R. W. Manning, J. T. Baccus, and T. W. Schwertner. 2003. Seasonal diet of gemsbok (*Oryx gazella gazella*) at Mason Mountain Wildlife Management Area, Texas. Paper read at 50th annual meeting of the Southwestern Association of Naturalists.

Polito, C. R., T. R. Simpson, R. W. Manning, J. T. Baccus, and T. L. Arsuffi. 2003. Invertebrate fauna inhabiting algal mats of carapaces of the Texas river cooter (*Pseudemys texana*) and the red-eared slider (*Trachemys elegans*). Paper read at 50th annual meeting of the Southwestern Association of Naturalists.

Gray, S. S., T. R. Simpson, R. W. Manning, J. T. Baccus, and T. W. Schwertner. 2003. Seasonal diet of greater kudu (*Tragelaphus strepsiceros*) in the Llano Uplift Ecological Region of Texas. Paper read at 50th annual meeting of the Southwestern Association of Naturalists.

Ott, J. R., D. Frels, W. Armstrong, J. Carrol, R. DeYoung, M. Mitchell, D. Honeycutt, L. Skow, J. Baccus, R. Honeycutt, and R. Gonzales. 2003. Comparative mating success of male white-tailed deer in relation to age and antler quality. Paper read at 50th annual meeting of the Southwestern Association of Naturalists.

Bender, S. L and J. T. Baccus. 2003. Use of newly constructed wetlands by wintering waterfowl and waterbirds. Paper read at 38th annual meeting of the Texas Chapter of The Wildlife Society.

Hunter, A., T. R. Simpson, R. W. Manning, J. T. Baccus, and K. C. Bender. 2003. Characteristics of avian communities within traditional wildscaped residential neighborhoods in San Antonio, Texas. Paper read at 38th annual meeting of the Texas Chapter of The Wildlife Society.

Winters, A. M., T. R. Simpson, R. W. Manning, J. T. Baccus, and T. W. Schwertner. 2003. Seasonal diet of gemsbok (*Oryx gazella gazella*) at Mason Mountain Wildlife Management Area, Texas. Paper read at 38th annual meeting of the Texas Chapter of The Wildlife Society.

Gray, S. S., T. R. Simpson, R. W. Manning, J. T. Baccus, and T. W. Schwertner. 2003. Seasonal diet of greater kudu (*Tragelaphus strepsiceros*) in the Llano Uplift Ecological Region of Texas. Paper read at 38th annual meeting of the Texas Chapter of The Wildlife Society.

Scrivner, K. and J. T. Baccus. 2003. Scimitar-horned oryx in Texas. Paper read at 38th annual meeting of the Texas Chapter of The Wildlife Society.

Ott, J. R., D. Frels, W. Armstrong, J. Carrol, R. DeYoung, M. Mitchell, D. Honeycutt, L. Skow, J. Baccus, R. Honeycutt, and R. Gonzales. 2003. Comparative mating success of male white-tailed deer in relation to age and antler quality. Paper read at the 25th Annual Meeting of the Southeast Deer Study Group.

Ott, J. R., D. Frels, W. Armstrong, J. Carrol, R. DeYoung, M. Mitchell, D. Honeycutt, L. Skow, J. Baccus, R. Honeycutt, and R. Gonzales. 2003. Comparative mating success of male white-tailed deer in relation to age and antler quality. Paper read at 38th annual meeting of the Texas Chapter of The Wildlife Society.

Burke, K. M., T. R. Simpson, J. T. Baccus, and R. W. Manning. 2003. Seasonal food habits and preferences of white-tailed deer in the Rolling Plains Ecological region of Texas. Paper read at 38th annual meeting of the Texas Chapter of The Wildlife Society.

Breeden, J. B., J. T. Baccus, and J. C. Eitniear. 2002. Red-billed pigeon breeding and nesting behavior in Texas. Paper read at the 104th annual meeting of the Texas Academy of Science.

Baccus, J. T. 2002. Impacts of game ranching on wildlife management in Texas. Paper read at the 67th North American Wildlife and Natural Resources Conference.

Eitnienar, J. C. and J. T. Baccus. 2002. Management implications of estimating abundance of quail species inhabiting forest environs in Mexico. Paper read at the 5th National Quail Symposium.

Pierce, B. L., J. T. Baccus, R. W. Manning, and T. R. Simpson. 2002. A comparison of methods for obtaining perpendicular distances from non-linear transects. Paper read at the 25th Annual Meeting of the Southeast Deer Study Group.

Pierce, B. and J. T. Baccus. 2001. Estimating deer density from non-linear transects. Paper read at the International Conference on Distance Sampling, St. Andrews, Scotland.

McGhee, J. and J. T. Baccus. 2001. Interspecies dominance between axis and fallow deer at high quality food patches. Paper read at the 48th Annual meeting of The Southwestern Association of Naturalists.

Hein, C. D., J. 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. Paper read at the 48th Annual meeting of The Southwestern Association of Naturalists.

Najvar, P. A., J. T. Baccus, and J. N. Fries. 2001. The effects of diel water quality fluctuations on reproduction and growth in the Marcos salamander. Paper read at the 48th Annual meeting of The Southwestern Association of Naturalists.

Hein, C. D., J. T. Baccus, R. W. Manning, and T. R. Simpson. 2001. Population dynamics of juvenile Brazilian free-tailed bats (*Tadarida brasiliensis mexicana*) banded in central Texas. Paper read at the 104th annual meeting of the Texas Academy of Science.

Breeden, J. B., J. T. Baccus, and J. C. Eitnienar. 2001. Red-billed pigeon nesting microhabitat, chronology, and cooing activity in Texas. Paper read at the 104th annual meeting of the Texas Academy of Science.

Jecker, K. A. and J. T. Baccus. 2001 Baseline inventory and initial effects of three range management practices on the Tobusch fishhook cactus (*Ancistrocactus tobuschii*, Cactaceae) at the Walter Buck Wildlife Management Area, Texas. Paper read at the 104th annual meeting of the Texas Academy of Science.

Najvar, P. A., J. T. Baccus, and J. N. Fries. 2001. The effects of diel water quality fluctuations on reproduction and growth in the Marcos salamander. Paper read at the 104th annual meeting of the Texas Academy of Science.

Pierce, B. and J. T. Baccus. 2000. A line-transect method for surveying deer populations in forested areas. Paper read at the 23rd Annual meeting of the Southeast Deer Study Group. Wilmington, NC.

Tolle, M. E. and J. T. Baccus. 2000. Aging and sexing criteria for *Dendroica chrysoparia*. Paper read at the 103rd Annual Meeting of the Texas Academy of Science.

Tanner, T. and J. T. Baccus. 1999. Differential emergence in the Mexican free-tailed bat (*Tadarida brasiliensis*). Paper read at the annual meeting of the Texas Mammal Society meeting.

Pierce, B. L., and J. T. Baccus. 1999. Addressing two criticisms of line-transect sampling. Paper read at 34th annual meeting of the Texas Chapter of The Wildlife Society.

Eitnienar, J. C., V. Gonzales, A. T. Aragon, and J. T. Baccus. 1999. Quail research in El Cielo and Sierra Gorda Biosphere Reserves, Mexico. Memoria VI Simposium Internacional de Fauna Silvestre, Universidad Autonoma de Tamaulipas Ciudad Victoria, Mexico.

- Eitnienar, J. C., S. A. Rodriguez, A. A. Tapia, V. Gonzales, J. T. Baccus, and J. P. Carroll. 1999. Conservation of tree-partridge in Mexico: a model for quail conservation? Paper read at the 6th Annual conference of The Wildlife Society. Austin, TX.
- Pierce, B. and J. T. Baccus. 1999. Application of GPS and GIS to line-transect sampling methodology. Paper read at the 4th Microcomputer Applications in Fish and Wildlife Conference. Stateline, NV.
- Banks, B. W., T. R. Simpson, J. T. Baccus, and R.W. Manning. 1999. Avifauna diversity on and habitat relationships on a central Texas ranch. Paper read at the 46th Annual Meeting of the Southwestern Association of Naturalists.
- Tanner, T. R. and J. T. Baccus. 1999. Differential emergence patterns in *Tadarida brasiliensis* at a central pseudomaternal colony. Paper read at the 46th Annual Meeting of the Southwestern Association of Naturalists.
- Tanner, T. R. and J. T. Baccus. 1999. Differential emergence patterns in *Tadarida brasiliensis* at a central pseudomaternal colony. Paper read at the Annual Meeting of the Texas mammal Society.
- Ott, J. R., J. T. Baccus, P. G. Hendrix, R.W. Kirchof, S. A. Roberts, D. E. Harmel, E. Fuchs, and W. E. Armstrong. 1998. Predicting antler quality and body mass of white-tailed deer at 2.5, 3.5, 4.5 years of age based on yearling antler characteristics. Paper read at 33rd annual meeting of the Texas Chapter of The Wildlife Society.
- Pierce, B. L. and J. T. Baccus. 1998. Decreasing variability in the spotlight survey method. Paper read at 33rd annual meeting of the Texas Chapter of The Wildlife Society.
- Poor, S. L. and J. T. Baccus. 1998. Seasonal food habits of white-tailed deer in the Cross Timbers and Prairies Ecological Region of Texas during a drought. Paper read at 33rd annual meeting of the Texas Chapter of The Wildlife Society.
- Tanner, T. and J. T. Baccus. 1998. Differential emergence in the Mexican free-tailed bat (*Tadarida brasiliensis*). Paper read at the 45th annual meeting of the Southwestern Association of Naturalists.
- Eitnienar, J. C. and J. T. Baccus. 1998. Current status of the bearded wood-partridge, *Dendrotyx barbatus*. Paper read at the 45th annual meeting of the Southwestern Association of Naturalists.
- Baccus, J. T. and W. E. Armstrong. 1998. Restoration of Black-capped Vireo habitat and Populations by Prescribed Burning in Central Texas. Paper read at the Society of Ecological Restoration International Conference.
- Ott, J. R., J. T. Baccus, S. A. Roberts, D. E. Harmel, E. Fuchs, and W. E. Armstrong. 1998. The comparative performance of spike- and fork-antlered yearling white-tailed deer: the basis for selection. Paper presented at the Symposium on the role of genetics in white-tailed deer management (D. Rollins, ed.). Texas A&M University, College Station.
- Eitnienar, J. C. and J. T. Baccus. 1998. Current status of the Bearded Wood-partridge, *Dendrotyx barbatus*. Paper read at the 45th Annual Meeting of the Southwestern Association of Naturalists.
- Tanner, T. R. and J. T. Baccus. 1998. Differential emergence in the Mexican free-tailed bat (*Tadarida brasiliensis*). Paper read at the 45th Annual Meeting of the Southwestern Association of Naturalists.
- Ott, J., S. W. Roberts, J. T. Baccus, D. E. Harmel, E. Fuchs, and W. E. Armstrong. 1997. Comparative antler characteristics of spike- and fork-antlered yearling white-tailed deer in Texas at age 4.5 years. Paper read at the 22nd Annual Meeting of the Southeast Deer Study Group.

Ott, J., S. W. Roberts, J. T. Baccus, D. E. Harmel, E. Fuchs, and W. E. Armstrong. 1997. Comparative antler characteristics of spike- and fork-antlered yearling white-tailed deer in Texas at age 4.5 years. Paper read at the annual meeting of The Texas Chapter, The Wildlife Society.

Sutton, K., J. T. Baccus, and M. Traweck. 1997. Habitat of Tobusch fishhook cactus at the Walter Buck Wildlife Management Area. Paper read at the 44th Annual Meeting of the Southwestern Association of Naturalists.

Ott, J. R., S. A. Roberts, J. T. Baccus, D. E. Harmel, W. E. Armstrong, and E. Fuchs. 1997. Antler quality and body mass of spike- and fork-antlered yearling white-tailed deer at maturity. Paper read at the 51st Annual Conference of the Southeastern Association of Fish and Wildlife Agencies.

O'Neal, K. and J. T. Baccus. 1996. Effects of prescribed burning on Black-capped Vireo habitat and distribution. Paper read at the 61st North American Wildlife and Natural Resources Conference.

Baccus, J. T. and J. C. Possey. 1996. Unusual abundance of melanistic white-tailed deer in central Texas: Public perceptions and management implications. Paper read at the 21st Annual Meeting of the Southeast Deer Study Group.

Dorsey, S. and J. T. Baccus. 1996. Assessment of methods for aging Northern Bobwhite. Paper read at the annual meeting of the Texas Chapter of The Wildlife Society.

Eitniewski, J. C., S. Aquilar, J. Carroll, J. T. Baccus, and T. Rueckle. 1996. Estado actual del Chivizcoyo (*Perdiz Vercruzan*) *Dendrotyx barbatus*. Paper read at the Sixth International Symposium on the Fauna of Mexico.

Sears, M. and J. T. Baccus. 1995. Population ecology of a central Texas bat colony. Paper read at the Texas Mammal Society meeting.

O'Neal, K. and J. T. Baccus. 1995. Effects of prescribed burning on Black-capped Vireo habitat, distribution and production. Paper read at the Texas Chapter of The Wildlife Society meeting.

Sparkman, L. and J. T. Baccus. 1995. Human intrusion: affects on Black-capped Vireo behavior. Paper read at the Texas Chapter of The Wildlife Society meeting.

O'Neal, K. and J. T. Baccus. 1995. Effects of prescribed burning on Black-capped Vireo habitat, distribution, and production. Paper read at the Southwestern Naturalists Association meeting.

Sparkman, L. and J. T. Baccus. 1995. Human intrusion: affects on Black-capped Vireo behavior. Paper read at the Southwestern Naturalists Association meeting.

Bailey, M., J. T. Baccus, and R. D. Welch. 1995. Managing visitors to prevent disruption of bat colony emergence. Paper read at the 49th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies.

Eitniewski, J. C., and J. T. Baccus. 1995. Decline of the White-collared Seedeater: an indication of habitat quality for wintering seed-eating guild birds? Paper read at a Workshop on the Conservation of Grassland Birds in the Western Hemisphere.

Wallace, M. and J. T. Baccus. 1994. The distribution of the swamp rabbit in the Edwards Plateau. Paper read at the Texas Mammal Society meeting.

Dees, K., J. T. Baccus, and D. Wilson. 1994. Flight speed of Northern Bobwhite. Paper read at the Texas Chapter of The Wildlife Society.

- Bailey, M. and J. T. Baccus. 1993. Visitor impact on the evening emergent time of a colony of *Tadarida brasiliensis* at the Old Tunnel Wildlife Management Area. Paper read at the Texas Mammal Society meeting.
- Wallace, M. and J. T. Baccus. 1993. Habitat affinity and distribution of the swamp rabbit on the Edwards Plateau of Texas. Paper read at the Texas Mammal Society meeting.
- Bailey, M., J. T. Baccus, and R. D. Welch. 1993. Visitor impact on the evening emergence time of a colony of *Tadarida brasiliensis* at the Old Tunnel Wildlife Management Area. Paper read at the International Bat Conference.
- Baccus, J. T. and J. C. Posey. 1992. Occurrence of melanistic white-tailed deer in central Texas. Paper read at the Texas Wildlife Society meeting.
- Baccus, J. T. V. L. Sybert, and D. W. Tuff. 1992. A comparison of protozoan species associated with white-tailed deer and exotic deer. Paper read at the Texas Wildlife Society meeting.
- Kainer, M. A. and J. T. Baccus. 1992. Woody species use and preferences by American beavers on the Blanco, San Gabriel, and San Marcos Rivers. Paper read at the Texas Mammal Society meeting.
- Baccus, J. T. and J. C. Posey. 1992. Occurrence of melanistic white-tailed deer in central Texas. Paper read at the Southwestern Association of Naturalists meeting.
- Cleveland, A. G., J. T. Baccus, and B. R. Chapman. 1989. Status of rodent and bat taxonomic problems in Southern China. Paper read at Texas Academy of Science meeting.
- Mullican, T. R. and J. T. Baccus. 1989. Horizontal and vertical movements in an isolated population of the white-ankled mouse (*Peromyscus pectoralis*) in central Texas. Paper read at Southwestern Association of Naturalists meeting.
- Cleveland, A. G., J. T. Baccus, Wu Delin, Liao Weiping, and B. R. Chapman. 1989. Conservation of rodents and rats in southern China: a long-range project with a limited time for success. Paper read at the Fifth International Theriological Congress, Rome, Italy.
- Baccus, J. T. 1988. Habitat relationships of the white-tailed deer (*Odocoileus virginianus*). Paper read at the Southwestern Association of Naturalists meeting.
- Cleveland, A. G., J. T. Baccus, and L. Weiping. 1988. Mammals of Dinghushan Reserve, Guangdong Province, PROC. Paper read at the symposium of Asian Pacific Mammalogy, Beijing, PROC.
- Beechinor, D. B. and J. T. Baccus. 1987. Preburn and postburn activity patterns of the White-tailed Deer. Paper read at Southwestern Association of Naturalists meeting.
- Baccus, J. T. 1986. Resource partitioning and evidence of competitive exclusion in Texas deer species. Paper read at the Southwestern Association of Naturalists meeting.
- Welch, R. D. and J. T. Baccus. 1984. Elaeophorsis in exotic species in Texas. Paper read at the Texas Exotic Wildlife Association meeting.
- Fonteyn, P. J., M. W. Stone, M. A. Yancy, J. T. Baccus, and N. Nadkarni. 1984. Determination of community structure by fire. Paper read at Southwestern Association of Naturalists meeting.
- Nadkarni, N., P. J. Fonteyn, and J. T. Baccus. 1984. Long-term changes in abundance and morphology of *Juniperus ashei* in the Hill Country of Texas. Abstr. Bull. Ecol. Soc. 65:67. Paper read at the Ecological Society meeting.

- Welch, R. D., and J. T. Baccus. 1983. The sika deer in Texas. Paper read at the Texas Exotic Wildlife Association meeting.
- Fonteyn, P. J., M. A. Yancy, M. W. Stone, and J. T. Baccus. 1983. Fire-generated temperature variations in Texas oak-savannah and postburn vegetational responses. Paper read at the Ecological Society meeting.
- Baccus, J. T., D. E. Harmel, and W. E. Armstrong. 1983. Management of exotic deer species in conjunction with white-tailed deer. Paper read at the International Symposium on Game Harvest Management.
- Horton, J. K. and J. T. Baccus. 1982. Response of beach vegetation to different types of disturbance. Paper read at the American Institute of Biological Science meeting.
- Baccus, J. T. 1982. Prescribed burning: a tool to shape deer habitat. Paper read at the Texas Parks and Wildlife Staff Conference.
- McCoig, G. C. and J. T. Baccus. 1981. Population dynamics and beach utilization by the Padre Island kangaroo rat (*Dipodomys compactus*). Paper read at the Texas Academy of Science meeting.
- Ray, R. T. and J. T. Baccus. 1981. The effects of rural subdivision and development on wildlife populations. Paper read at the Texas Wildlife Society meeting.
- Welch, R. D. and J. T. Baccus. 1981. Public opinion concerning rural subdivision development in Blanco, Comal and Hays Counties, Texas. Paper read at the Texas Wildlife Society meeting.
- Baccus, J. T. and R. D. Welch. 1981. Asymmetry in antler structure of sika deer (*Cervus nippon*) from the Edwards Plateau area of Texas. Paper read at the International Symposium on Antler Development in Cervidae.
- Horton, J. K. and J. T. Baccus. 1980. Recent beach erosion on Padre Island. Paper read at the Texas Academy of Science meeting.
- Horton, J. K. and J. T. Baccus. 1980. Longshore changes in the ecological structure of Padre Island. Paper read at the Texas Academy of Science meeting.
- Baccus, J. T. 1980. Beach and dune affinities of rodents on Padre Island National Seashore. Paper read at the Southwestern Association of Naturalists meeting.
- Horton, J. K. and J. T. Baccus. 1980. Vehicles and beach erosion. Paper read at the Southwestern Association of Naturalists meeting.
- Dalbey, F. C. and J. T. Baccus. 1980. Woodrat distribution and hybridization. Paper read at the Southwestern Association of Naturalists meeting.
- Baccus, J. T. and J. K. Horton. 1980. Pedestrian impacts on beach structure and function. Paper read at the Barrier Island Forum and Symposium. (Invited).
- Horton, J. K., and J. T. Baccus. 1979. A new method for delineation and mapping of biotopes by means of cluster and discriminate analyses. Paper read at the Ecological Society meeting.
- Luton, D. W. and J. T. Baccus. 1979. Winter and spring food habits of the axis deer and sika deer in the Edwards Plateau of Texas. Paper read at the Texas Wildlife Society.

- Horton, J. K. and J. T. Baccus. 1979. Historical and current impact of humans on sedimentary and biotic interactions of Padre Island National Seashore. Paper read at the Southwestern Association of Naturalists meeting.
- Baccus, J. T. and J. K. Horton. 1979. Status of studies on sedimentary and biotic processes at Padre Island National Seashore. Paper read at the Second National Symposium on Research in the National Parks.
- Hardwick, J. M., and J. T. Baccus. 1978. Annual food habits of *Peromyscus pectoralis*. Paper read at the Texas Academy of Science meeting.
- Horton, J. K. and J. T. Baccus. 1978. The influence of pedestrian and vehicular traffic on plant diversity and topography of a barrier beach. Paper read at the Texas Academy of Science meeting.
- Horton, J. K. and J. T. Baccus. 1978. The physiographic location of the major plant species in beach-dune ecosystem. Paper read at the Texas Academy of Science meeting.
- Baccus, J. T. and J. J. Hardwick. 1977. Food habits of *Peromyscus pectoralis*. Paper read at the Texas Academy of Science meeting.
- Horton, J. K. and J. T. Baccus. 1977. Population dynamics of *Peromyscus pectoralis*. Paper read at the Texas Academy of Science meeting.
- Baccus, J. T. 1977. Carbon isotopes: a tool for studying feeding habits. Paper read at the American Society of Mammalogists meeting.
- Baccus, J. T. 1976. Sexual dimorphism in the pelvic structure of cotton rats (*Sigmodon*). Paper read at the American Society of Mammalogists meeting.
- Baccus, J. T. 1974. Preliminary ecological and population studies of the mammals of Padre Island National Seashore. Paper read at the Southwest Region Natural Science Conference, National Park Service.
- Baccus, J. T. 1973. Sexual dimorphism in the pelvic structure of cotton rats of the genus *Sigmodon*. Paper read at Southwestern Association of Naturalists meeting.
- Baccus, J. T. 1972. New records of chiggers from rodent hosts in Big Bend National Park. Paper read at Southwestern Association of Naturalists meeting.
- Baccus, J. T. 1969. The influence of the Brazos River on mammal distribution in Baylor County, Texas. Paper read at the Texas Academy of Science meeting.
2. Invited Talks, Lectures, Presentations:
- Baccus, J. T. 2008. Habitats of Texas mammals. Presentation at Master Naturalists meeting. Kyle, Texas.
- Baccus, J. T. 2008. Prescribed burning and white-tailed deer food habits. Range Management Symposium and Workshop. Texas State University, Department of Agriculture.
- Baccus, J. T. 2007. Habitats of Texas mammals. Presentation at Master Naturalists meeting. Wimberley, Texas.
- Baccus, J. T. 2006. The effects of white-tailed deer overabundance on biodiversity. Presentation at Overabundant White-tailed Deer Symposium. Nature Conservancy. San Marcos, Texas.
- Forstner, M.R.J., M. Jones, J. Jackson, K. Greuter, F. Weckerly, J. Baccus, and T. Swannack . 2005. Collaborative restoration of Houston toad habitat. United States Fish and Wildlife Service. Austin, Texas.

Baccus, J. T. 1995. Avian and small mammal ecology and grazing management. Paper read at the Conference on Managing for Wildlife Diversity in Texas. (Invited).

Baccus, J. T. 1993. Management of bat colonies by a state game agency. Paper read at the Texas Parks and Wildlife Technical Guidance Training Seminar.

Baccus, J. T. 1992. Integrated ecosystem management: basic ecological principles. Paper read at the Texas Parks and Wildlife Technical Guidance Training Seminar.

Baccus, J. T. 1991. Juniper management for the Golden-cheeked Warbler. Paper read at the symposium on Managing Rangelands and Endangered Species. Austin, Texas.

Baccus, J. T. 1989. The giant panda - bamboo rat - human triangle: just one of China's conservation problems. Paper read at Texas Junior Academy of Science Banquet.

Baccus, J. T. 1989. Niche principles important in the management of native and exotic deer. Paper read at the Third Regional Conference of the U.S.-Mexico Border States on Parks and Wildlife.

C. GRANTS AND CONTRACTS

1. Funded External Grants and Contracts (\$5,601,376.00):

2008. Prevalence of Lead and Ingested/Imbedded Shot in Mourning Dove and White-Winged Dove. Texas Parks and Wildlife. \$1,660,000.00.

2007. Addressing Information Deficiencies Related to Mourning Dove, White-winged Dove, and Eastern Wild Turkey Management in Texas: Input and Analysis of Historical Data Needed to Support Current and Future Management Objectives. Texas Parks and Wildlife. \$677,982.00.

2007. Blanco River Avian Project. Nature Conservancy. \$10,000.00. Co-PI Thomas R. Simpson.

2005. Population Dynamics of White-winged Doves (*Zenaida asiatica*) in Texas: Development of a Population Model and Determination of Selected Ecological Parameters of Recently Colonized Populations. Texas Parks and Wildlife. \$298,588.00.

2004. Monitoring White-tailed Deer Population at Camp Bullis. U.S. Army. 15, 068.00.

2003. Monitoring Tobusch Fishhook Cactus Population, Assessing Recruitment into the Population, and Defining Microhabitat of Individual Plants at the Walter Buck Wildlife Management Area. Texas Parks and Wildlife. \$21,356.00.

2003. Monitoring White-tailed Deer Population at Camp Bullis. U.S. Army. 7, 534.00.

2003. Annual and Temporal Population Characteristics of Bats at the Old Tunnel Wildlife Management Area. Texas Parks and Wildlife. \$9,890.00.

2002. Houston toad life history and genetics. U. S. Fish and Wildlife Service, Texas Parks and Wildlife, Boy Scouts of America. \$346,800.00. Co-PI M. R. J. Forstner

2002. Documentation and Quantification of an Extended Breeding Season for Urban, Non-migratory White-winged Doves in Texas. Texas Parks and Wildlife. \$183,494.00.

2002. Population Characteristics and Movements of Bats in the Bat Colony at the Old Tunnel Wildlife Management Area. Texas Parks and Wildlife. \$2,900.00.

2002. Monitoring the Tobusch Fishhook Cactus Population and Assessing Recruitment at the Walter Buck Wildlife Management Area. Texas Parks and Wildlife. \$28,466.00.
2002. A Wildlife Depredation Plan for Randolph AFB and Seguin AA. U. S. Fish and Wildlife Service. \$8,192.00.
2002. A Wildlife Management Plan for Canyon Lake Recreation Area, Canyon Lake, Texas. U. S. Fish and Wildlife Service. \$12,288.00.
2001. Population Characteristics and Movements of Bats in the Bat Colony at the Old Tunnel Wildlife Management Area. Texas Parks and Wildlife. \$2,900.00.
2001. Monitoring the Tobusch Fishhook Cactus Population and Assessing Recruitment at the Walter Buck Wildlife Management Area. Texas Parks and Wildlife. \$30,495.00.
2001. Food Habits of White-tailed Deer in the Rolling Plains. Texas Parks and Wildlife. \$30,000.00.
2001. Population and Habitat Attributes of the Black-capped Vireo at Dolan Falls State Natural Area. Texas Parks and Wildlife. \$19,300.
2000. Population Characteristics and Movements of Bats in the Bat Colony at the Old Tunnel Wildlife Management Area. Texas Parks and Wildlife. \$2,900.00.
2000. Monitoring the Tobusch Fishhook Cactus Population and Assessing Recruitment at the Walter Buck Wildlife Management Area. Texas Parks and Wildlife. \$30,495.00.
2000. Habitat of Black-capped Vireo at Dolan Falls State Natural Area. Texas Parks and Wildlife. \$10,500.
2000. Refinement and Testing of Surgical Subcutaneous Transmitter Attachment Technique in White-wing Doves in Texas under Field Conditions. Texas Parks and Wildlife. \$81,400.00.
1999. Habitat Utilization and Dispersal Patterns of Golden-cheeked Warblers in a Landscape Impacted by Wildfire on Fort Hood, Texas. Nature Conservancy. \$28,800.00.
1999. Land Condition Trend Analysis II. Texas Parks and Wildlife. \$33,000.00.
1999. Monitoring Wildlife on Wildlife Management Areas. Texas Parks and Wildlife. \$24,496.00.
1999. Food habits of White-tailed Deer in the Rolling Plains. Texas Parks and Wildlife. \$70,000.00.
1999. The Effects of Three Range Management Practices (Grazing, Prescribed Burning, and Cutting Juniper) on the Distribution, Population Density and Vitality of Tobusch Fishhook Cactus at the Walter Buck Wildlife Management Area. Texas Parks and Wildlife. \$24,909.00.
1998. The Effects of Diel Water Quality Fluctuations on Reproduction in the San Marcos Salamander. U. S. Geological Service. \$25,000.00. Co-PIs Joe Fries and Francis Rose.
1998. Habitat Utilization and Dispersal patterns of Golden-cheeked Warblers in a Landscape Impacted by Wildfire on Fort Hood, Texas. Nature Conservancy. \$37,244.00.
1998. Use of Fragmented Juniper Strips and Hardwood Regeneration Sites by Golden-cheeked Warblers on the Kerr Wildlife Management Area. Texas Parks and Wildlife. \$65,790.
1998. White-tailed Deer Management Plan for Camp Bullis. DOD. \$34,000.00.

1998. Land Condition Trend Analysis. Texas Parks and Wildlife. \$15,458.00.
1998. Census Line Survey. Texas Parks and Wildlife. \$25,688.00.
1997. Population Characteristics and Movements of Bats in the Bat Colony at the Old Tunnel Wildlife Management Area. Texas Parks and Wildlife. \$5,814.00.
1997. The Effects of Three Range Management Practices (Grazing, Prescribed Burning, and Cutting Juniper) on the Distribution, Population Density and Vitality of Tobusch Fishhook Cactus at the Walter Buck Wildlife Management Area. Texas Parks and Wildlife. \$49,818.00.
1997. Seasonal Food Habits of White-tailed Deer in the Cross Timbers and Prairies Region of North Texas. Texas Parks and Wildlife. \$21,546.00
1997. White-tailed Deer Management Plan for Camp Bullis. DOD. \$24,000.00.
1996. Food Habits of White-tailed Deer in the Cross Timbers of Texas. Texas Parks and Wildlife. \$59,660.00
1996. Bat Colony Survey. Texas Parks and Wildlife. \$2,622.00
1996. Vertebrate Survey of Kerr Wildlife Management Area. Texas Parks and Wildlife. \$34,000.
1996. Site Fidelity of *Pipistrellus subflavus* at Gorman Cave. Texas Parks and Wildlife. \$1,500.
1995. Faunal Baseline Inventory Studies of Colorado Bend State Park I. Texas Parks and Wildlife. \$4,900.00.
1995. Faunal Baseline Inventory Studies of Colorado Bend State Park II. Texas Parks and Wildlife. \$3,100.00.
1995. The Effects of Prescribed Burning and Regrowth Ashe Juniper Control on Black-capped Vireo Habitat, Distribution, and Production. Texas Parks and Wildlife. \$8,111.00.
1995. Population Characteristics of the Bat Colony at the Old Tunnel Wildlife Management Area. Texas Parks and Wildlife. 2,280.00.
1995. An Assessment of Postburn Effects on Black-capped Vireo Habitat, Distribution, and Production at the Kerr Wildlife Management Area. Texas Parks and Wildlife. \$17,078.54
1995. The Effects of Three Range Management Practices (Livestock Grazing, Prescribed Burning, and Juniper Cutting) on the Population Ecology of Tobusch Fishhook Cactus on the Walter Buck Wildlife Management Area. Texas Parks and Wildlife. \$35,898.42.
1994. Faunal Baseline Inventory Studies of Kickapoo Cavern and Devils Sinkhole State Natural Areas. Texas Parks and Wildlife. \$9,500.00.
1993. The Effects of Prescribed Burning and Regrowth Ashe Juniper Control on Black-capped Vireo Habitat, Distribution, and Production. Texas Parks and Wildlife. \$11,812.50.
1993. Population Dynamics of a Free-tailed Bat Colony. Texas Parks and Wildlife. \$1,980.00.
1992. The Impact of Human Disturbance on Bat Emergence. Texas Parks and Wildlife. \$4,000.

1983. Population Status and Habitat Utilization by the Golden-cheeked Warbler at the Kerr Wildlife Management Area. Texas Parks and Wildlife. \$40,830.

1983. Sika Deer - White-tailed deer Relationships. Texas Parks and Wildlife. \$95,134.

1983. The Effects of Prescribed Burning upon White-tailed Deer Habitat. Texas Parks and Wildlife. \$240,010.

1981. Sika Deer-White-tailed Deer Interactions. Texas Parks and Wildlife. \$145,000.

1981. Biology of the Sika Deer and Burning Effects on White-tailed Deer Habitat. Texas Parks and Wildlife. \$453,317.

1978. Morphology of Hair Scale Patterns in Carnivores by Utilization of the Scanning Microscope. Southern Regional Education Board. \$868.

1977. Investigation of Land Use Problems; an Evaluation of Wildlife Habitat and Populations. NSF \$11,456.

1977. Beach, Floral and Faunal Ecological Studies of Padre Island National Seashore. National Park Service. \$30,557.

1976. A Study of Beach and dunes Floral and Faunal Relationships as Influenced by Recreational and User Impact on Padre Island National Seashore. National Park Service. \$19,996.

2. Funded Internal Grants and Contracts (\$19,508.00):

1998. Ecology and Conservation of Bearded Wood-quail in Mexico. University Organized Research Grant. \$7,800.00.

1997. Ecology and Conservation of Bearded Wood-quail in Veracruz and Puebla, Mexico. University Organized Research Grant. \$5,700.

1985. An Ecological Study of the Mammals of Guangdong Province, China. University Organized Research Grant. \$4,500.

1977. A Study of Wood Rat Hybrid Zones in Central and south Texas. University Organized Research Grant. \$1,508.

D. Fellowships, Awards, Honors:

Outstanding Scientific Publication, Texas Chapter of The Wildlife Society (2008)

Distinguished Alumnus, College of Science and Mathematics, Midwestern State University (2004)

Honorary Life Membership, Texas Chapter of The Wildlife Society (2001)

Who's Who Environmental Registry (1992)

Fellow, Texas Academy of Science (1992)

Graduate School Commencement Speaker (SWT) (1988)

SWT Presidential Seminar (1986)

Arthropod species named for me by Dick Loomis, *Otorhinophilus baccusi* (1973)

IV. SERVICE

A. University:

Graduate School Council (2004-2006)

Presidential Scholar Committee (1998-2004)

Special Vice-Presidential Committee on Faculty Discipline Procedures (2002-2004)

Southern Association Accreditation Steering Committee (1986-1989)

Chair, Institutional Assessment Committee, Southern Association Accreditation (1986-1989)

B. Departmental:

Associate Chair, Department of Biology, Texas State University (2003 to 2005)

Director Wildlife Ecology Graduate Program (1998 to present)

Acting Chairman, Department of Biology (1989)

Chair Search Committee (2004-2005)

Member and chair of numerous committees

C. Professional:

Biological Advisory Team (BAT) for the Comal County Regional Habitat Conservation Plan (2008)

Promotion Referee for Department of Natural Resources Management, Texas Tech University (2007)

Associate Editor: Bulletin of the Texas Ornithological Society and Miscellaneous Publications (2007-2008)

Edwards Plateau Ecological Advisory Committee, The Nature Conservancy (2002 to present)

Development Committee, The Wildlife Society (2002 to 2006)

Development Committee (Chair), The Southwestern Association of Naturalists (2003 to 2008)

Quail Technical Committee, Texas Parks and Wildlife Department (2001 to 2006)

Member of Game Warden Educational Qualifications Task Committee, Texas Parks and Wildlife Department (2001)

Silver Sponsor, Ducks Unlimited (2000-2004)

Board of Governors, Southwestern Association of Naturalists (1999-2001)

Member White-tailed Deer Genetics Committee, Texas Parks and Wildlife (1998)

Nongame Advisory Committee, Texas Parks and Wildlife (1997-2003)

Research Advisor, Kerr Wildlife Management Area, Texas Parks and Wildlife (1993 to present)

Nongame Program Committee, Texas Parks and Wildlife (1986)

Commissioner's White-tailed Deer Roundtable, Texas Parks and Wildlife (1985-1989)

President, Texas Chapter, The Wildlife Society (1985-1986)

Vice-President, Texas Chapter, The Wildlife Society (1984-1985)

Board of Governors Texas Chapter, The Wildlife Society (1983-1987)

Associate Editor, Bulletin of the Texas Ornithological Society

Associate Editor, Occasional Papers Texas Ornithological Society

D. Organizations

1. Honorary:

Texas Chapter of the Wildlife Society

2. Professional:

American Ornithological Union; Association of Field Ornithologists; Cooper Ornithological Society;

Wilson Ornithological Society; The Wildlife Society; Texas Chapter, The Wildlife Society; Ducks

Unlimited; Quail Unlimited, Southwestern Chapter, The Range Society; The Range Society of Texas;

Wildlife Management Institute; American Society of Mammalogy; Southwest Association of Naturalists;

Texas Academy of Science; Texas Mammal Society; Bird Conservation Society; Cornell Bird Laboratory,

Texas Ornithological Society.