

## TEXAS STATE VITA

### I. Academic/Professional Background

A. Name: Michael Forstner                      Title: Professor of Biology

#### B. Educational Background

Degree	Year	University	Major	Thesis/Dissertation
Ph.D.	1995	Texas A&M University, College Station, TX	Genetics	Phylogenetic relationships of primitive snakes
M.Sc.	1991	Sul Ross State University, Alpine, TX	Zoology	Venom variation in rock rattlesnakes
B.Sc.	1988	Southwest Texas State University, San Marcos, TX	Zoology	

#### C. University Experience

Position	University	Dates
Alexander-Stone Chair of Genetics	Texas State University, San Marcos, TX	2008-Present
Professor of International Studies	Texas State University, San Marcos, TX	2008-Present
Professor	Texas State University, San Marcos, TX	2007-Present
Curator Vertebrate Collections	Texas State University, San Marcos, TX	2005-Present
Associate Professor	Texas State University, San Marcos, TX	2003-2007
Assistant Professor	Southwest Texas State University, San Marcos, TX	2000-2003
Assistant Professor	Florida Atlantic University, Davie, FL	1997-1999
Research Officer (Post-Doctoral)	Columbia University, New York, NY	1995-1999

#### D. Relevant Professional Experience

Position	Entity	Dates
Research Associate	Texas Tech Museum, Texas Tech University, Lubbock	2007-Present
Visiting Research Associate	Texas Cooperative Wildlife Collection, Texas A&M University, College Station	2003-Present

## II. SCHOLARLY/CREATIVE

### A. Works In Print

#### 1. Books (if not refereed, please indicate)

##### a. Scholarly Monographs:

N/A

**b. Textbooks:**

N/A

**c. Edited Books:**

d. N/A

**e. Chapters in Books:**

2012

Forstner, M.R.J. and P. Crump. (**Accepted July 28, 2011**). **Invited book chapter**. Population supplementation of the Houston toad in Texas, USA. In: Soorae Pritpal, ed. *Global reintroduction perspectives (re-introduction case studies from around the globe) 3<sup>rd</sup> Edition*. IUCN Species Survival Commission, Re-introduction Specialist Group; Environment Agency-Abu Dhabi; Denver Zoological Foundation.

2011

Forstner, M.R.J., J.R. Dixon, T.M. Guerra, J.L. McKnight, J. Stuart, and S.K. Davis. (*In press* 2009). Status of U.S. populations of the Big Bend slider (*Trachemys gaigeae*). Proceedings of the 6<sup>th</sup> Symposium of the Chihuahuan Desert Research Institute.

Rosenthal, J. and M.R.J. Forstner. (*In press* 2009). Effects of a Pleistocene Barrier on Chihuahuan desert herpetofauna. Proceedings of the 6<sup>th</sup> Symposium of the Chihuahuan Desert Research Institute.

Bailey, L., M.R.J. Forstner, J.R. Dixon, and R. Hudson. (*In press* 2009). The Status of *Pseudemys gorzugi* (The Rio Grande River Cooter) in Texas River Systems. Proceedings of the 6<sup>th</sup> Symposium of the Chihuahuan Desert Research Institute.

2005

Miller, L.A., J.D. Baldwin, B.K. Mealey, G.M. Parks, and M.R.J. Forstner. 2005. Insights into turtle conservation from observations of the diamondback terrapin, *Malaclemys terrapin* in Florida Bay. Chapter 20; pgs 178-184. In: *Conservation of Florida reptiles and amphibians*. Krieger Publishing, Malabar, FL. ISBN 1-57524-251-6. 334 pgs.

Mealy, B.K., G.M. Parks, J.D. Baldwin, and M.R.J. Forstner. 2005. Island ecology of snakes in the Florida Keys: the Mangrove snake, *Nerodia clarkii compressicauda*, and insular populations of the Eastern diamondback rattlesnake, *Crotalus adamanteus*. Chapter 19; pgs 169-177. In: *Conservation of Florida reptiles and amphibians*. Krieger Publishing, Malabar, FL. ISBN 1-57524-251-6. 334 pgs.

2001

Fitzsimmons, N.N., S. Tanksley, M.R.J. Forstner, E.E. Louis, R. Daghli, J. Gratten, and S. Davis. 2001. Microsatellite markers for *Crocodylus*: new genetic tools for population genetics, mating system studies and forensics. p. 51-57. In: *Crocodile Biology and Evolution*, Grigg, G. C., Seebacher, F. & Franklin, C.E. (eds.). Surrey Beatty, Sydney.

White, C.M., C.G. Messing, M.S. Shivji, and M.R.J. Forstner. 2001. Initial phylogeny of the Comasteridae (Crinoidea) from mtDNA sequences. pgs. 135-138. In: Barker, M. (ed.) *Echinoderms 2000*; Proc. Tenth International Echinoderm Conference, Dunedin, N.Z., 2000. Balkema, Rotterdam.

Forstner, M.R.J. and J.M. Forstner. 2001. Aplicaciones del DNA en la conservación de los crocodrilianos. (Applications of genetics in crocodilian conservation). In: *La Conservación y el Manejo de Caimanes Y Crocodrilos de America Latina Volumen 2. (Conservation and Management of Caimans and Crocodiles of Latin America, Volume 2)*. Luciano M. Verdade and Alejandro Larriera (eds.) La Región, Fundación Banco Bica, Santo Tomé, Sante Fe, Argentina.

**f. Creative Books:**

N/A

## 2. Articles

### a. Refereed Journal Articles: (Student first authors, *first publications*)

2011

- Bean, P., D. McHenry, T.H. Bonner, J.T. Jackson, and M.R.J. Forstner. 2011. An extant population of Headwater catfish (*Ictalurus lupus*) in a western gulf slope drainage. *SWAN* 56(2):287-291.
- Brown, D., J.T. Baccus, D.B. Means, M.R.J. Forstner. 2011. Potential positive effects of fire on juvenile amphibians in a southern USA pine forest. *Journal Fish and Wildlife Management* 2(2):135-145.
- Brown, D., I. Mali, and M.R.J. Forstner. 2011. No difference in short-term temporal distribution of trapping effort on hoop net capture efficiency for freshwater turtles. *Southeastern Naturalist* 10(2):245-250.
- Brown, D.J., B. Devolld, and M.R.J. Forstner. 2011. Escapes from hoop nets by Red-eared sliders (*Trachemys scripta elegans*). *Southwestern Naturalist* 56(1):124-127.
- Brown, D.J., V.R. Farallo, J.R. Dixon, J.T. Baccus, T.R. Simpson, M.R.J. Forstner. 2011. Freshwater turtle conservation in Texas: Lingering harvest effects and efficacy of the current management regime. *JWM* 75(3):486-494.
- Duarte, A., D.J. Brown, and M.R.J. Forstner. 2011. Estimating abundance of the endangered Houston toad (*Bufo houstonensis*) on a primary recovery site. *Journal Fish and Wildlife Management* 2(2): 207-215.
- Gaertner, J.P., J.A. Mendoza, T. Neang, M.R.J. Forstner, and D. Hahn. 2011. Detection of *Batrachochytrium dendrobatidis* in frogs from different locations in Cambodia. *Herpetological Review* 42(4):542-545.
- Gaertner, J.P., J.A. Mendoza, M.R.J. Forstner, D. Hahn. 2011. Recovery of Salmonella from biofilms in a headwater spring ecosystem. *Journal of Water and Health*. doi: 10.2166/wh.2011.173
- Jones, M., J.R. Dixon, and M.R.J. Forstner. 2011. Is bigger always better? Mate selection in the Houston Toad (*Bufo houstonensis*). *Journal of Herpetology* 45(4): 455-456.
- Mendoza, J.A., J.P. Gaertner, J. Holden, M.R.J. Forstner, and D. Hahn. 2011. Detection of *Batrachochytrium dendrobatidis* on amphibians in Pursat Province, Cambodia. *Herpetological Review* 42(4):546-549.
- Nuckels, R.J., M.R.J. Forstner, E.L. Capalbo, and D.M. Garcia. 2011. Developmental expression of Muscarinic receptors in the eyes of Zebrafish (*Danio rerio*). *Brain Research* 1405:85-94. doi:10.1016/j.brainres.2011.06.016
- Pruett, C. L., S.M. Tanksley, K.M. Hogan, M. Small, J.F. Taylor, and M.R.J. Forstner. 2011. The effects of range expansion on the population genetics of white-winged doves in Texas. *American Midland Naturalist* 166(2):415-425.
- Rodriguez, D., M.R.J. Forstner, P. Moler, J.A. Wasilewski, M.S. Cherkiss, and L.D. Densmore III. 2011. Effect of human-mediated migration and hybridization on the recovery of the American crocodile in Florida (USA). *Conservation Genetics* 12(2): 449-459, DOI: 10.1007/s10592-010-0153-1
- Sha, Q., A. Gunathilake, M.R.J. Forstner, and D. Hahn. 2011. Temporal analyses of the distribution and diversity of *Salmonella* in natural biofilms. *Systematic and applied microbiology* 34:353-359

**2010**

- Devolld, B., J.R. Dixon, and M.R.J. Forstner. 2010. Reproduction. *Thamnophis proximus*. Herpetological Review 44(4): 504.
- Farallo, V. and M.R.J. Forstner. 2010. An improved funnel trap for drift-fence surveys. SWAN 55(3):457-460.
- Farallo, V.R., M. Sasa, D.K. Wasko, M.R.J. Forstner. 2010. Out of the lab and into the field: a field study of black spiny-tailed iguanas (*Ctenosaura similis*) foraging behavior in the presence of predator cues. Phyllomedusa 9(2):99-109.
- Forstner, M.R.J. and J.R. Dixon. 2010. Oviposition. *Heterodon platirhinos*. Herpetological Review 41(3):364-365.
- Fujii, A. and M.R.J. Forstner. 2010. Genetic Variation and Population Structure of the Texas Tortoise, *Gopherus berlandieri* (Testudinidae), with Implications for Conservation. Chelonian Conservation Biology 9(1):61-69.
- Gaertner, J., D. McHenry, M.R.J. Forstner, D. Hahn. 2010. Annual variation of *Batrachochytrium dendrobatidis* in the Houston toad (*Bufo houstonensis*) and a sympatric congener (*Bufo nebulifer*). Herp Review 41(4):456-459.
- Gaston, M.A., A. Fujii, F. Weckerly, and M.R.J. Forstner. 2010. Potential Component Allee Effects and Their Impact on Wetland Management in the Conservation of Endangered Anurans. PLoS ONE 5(4): e10102. doi:10.1371/journal.pone.0010102.

**2009**

- Brown, D. and M.R.J. Forstner. 2009. A safe and efficient technique for handling of *Siren spp.* and *Amphiuma spp.* in the field. Herpetological Review 40(2):169-170.
- Dickerson, B. E., A.D. Schultz, D.J. Brown, B. DeVoll, M.R.J. Forstner, and J.R. Dixon. 2009. Geographic Distribution (Hidalgo County). *Chelydra serpentina serpentina*. Herpetological Review 40(4):448.
- Farallo, V., R.L. Swanson, G.R. Hood, J.R. Troy, and M.R.J. Forstner. 2009. New county records for the Mediterranean gecko (*Hemidactylus turcicus*) in Central Texas, with comments on human-mediated dispersal. Applied Herpetology 6:196-198.
- Gaertner, J., M.R.J. Forstner, L. O'Donnell, D. Hahn. 2009. Detection of *Batrachochytrium dendrobatidis* in endemic salamander species from Central Texas. EcoHealth 6(1):1612-9202.
- Gaertner, J., T. Garres, J.C. Becker, M.L. Jimenez, M.R.J. Forstner, F.L. Rose, and D. Hahn. 2009. Temporal analyses of Salmonellae in a headwater spring ecosystem. Journal of Water and Health 7(1):115-121.
- Gaertner, J.P., M.A. Gaston, D. Spontak, M.R.J. Forstner, and D. Hahn. 2009. Seasonal variation in the detection of *Batrachochytrium dendrobatidis* in a Texas population of Blanchard's cricket frog (*Acris crepitans blanchardi*). Herpetological Review 40(2):184-187.
- McCracken, S., J.P. Gaertner, M.R.J. Forstner, and D. Hahn. 2009. Detection of *Batrachochytrium dendrobatidis* in amphibians from the Upper Amazon Basin (Yasuni National Park, Ecuador). Herpetological Review 40(2):190-194.
- Small, M.F., M.R.J. Forstner, J.T. Baccus. 2009. Are karyotypes representative of taxonomy?: a simple test in R. Texas Journal of Science 61(3):195-202.
- Swannack, T.M., W. Grant, and M.R.J. Forstner. 2009. Projecting population trends of endangered amphibian species in the face of parametric uncertainty. Ecological Modeling 220(2):148-159.
- Swanson, R., Farallo, V., J.R. Troy, G.R. Hood, and M.R.J. Forstner. 2009. Geographic distribution. (Blanco County). *Hemidactylus turcicus*. Herpetological Review 40(4):453.
- Vandewege, M.W., A. Harper, V. Farallo, and M.R.J. Forstner. 2009. Geographic Distribution (Guadalupe County). *Gastrophryne olivacea*. Herpetological Review 40(4):445-446.

**2008**

- Bailey, L.A., J.R. Dixon, R. Hudson, and M.R. J. Forstner. 2008. Minimal genetic structure in the Rio Grande cooter (*Pseudemys gorzugi*). SWAN 53(3):406-411.
- Brown, D., J.R. Dixon and M.R.J. Forstner. 2008. Geographic distribution. *Graptemys pseudogeographica kohni*. Herpetological Review 39(4):481.
- Farallo, V., R. Swanson, J.R. Troy, G.R. Hood, and M.R.J. Forstner. 2008. Geographic distribution. Hays County, Texas. (*Lithobates sphenacephala*) (= *Rana sphenacephala*). Herpetological Review 39(3):363.
- Farallo, V., R. Swanson, J.R. Troy, G.R. Hood, and M.R.J. Forstner. 2008. Geographic distribution. Guadalupe County, Texas. *Hemidactylus turcicus*. Herpetological Review 39(3):368.
- Farallo, V., R. Swanson, J.R. Troy, G.R. Hood, and M.R.J. Forstner. 2008. Geographic distribution. McMullen County, Texas. *Coluber constrictor flaviventris*. Herpetological Review 39(4):484.
- Ferguson, A.W., W. Weckerly, J.T. Baccus, M.R.J. Forstner. 2008. Estimates and Effects of Vertebrate Predation on Drift Fence Associated Pitfall Traps. SWAN 53(4):450-457.
- Ferguson, A.W., M. McDonough, and M.R.J. Forstner. 2008. Herpetofaunal Inventory of Camp Mabry, Austin Texas: Community composition in an Urban Landscape. Texas Journal of Science 60(2):123-136.
- Fujii, A., D. Welchert, M.R.J. Forstner. 2008. Geographic distribution. Aransas County, Texas. *Gopherus berlandieri*. Herpetological Review 39(4):481.
- Gaertner, J., P.E. Wheeler, S. Obafemi, J. Valdez, M.R.J. Forstner, T.H. Bonner, and D. Hahn. 2008. Detection of salmonellae from fish in a natural river system. Journal of Aquatic Animal Health 20:150-157.
- Gaertner, J.P., D. Hahn, F.L. Rose, and M.R.J. Forstner. 2008. Detection of Salmonellae in different turtle species within a headwater spring ecosystem. Journal of Wildlife Diseases 44(2):519-526.
- Gaertner, J.P., D. Hahn, J. Jackson, F.L. Rose, and M.R.J. Forstner. 2008. Detection of salmonellae in captive and free-living turtles. Journal of Herpetology 42(2):223-231.
- Jackson, J., D.E. Starkey, R. W. Guthrie and M.R.J. Forstner. 2008. A mitochondrial DNA phylogeny of extant species of the genus *Trachemys* and resulting taxonomic implications. Chelonian Conservation Biology 7(1):131-135.
- Jones, M.C., J. Troy, and M.R.J. Forstner. 2008. Geographic Distribution. *Crotalus atrox*. Herpetological Review 39(2):240.
- McCracken, S.F. and M.R.J. Forstner. 2008. Canopy bromeliad patch sampling protocol for herpetofauna in neotropical forests. Herpetological Review 39(2):170-174.
- McVay, J.D., D. Rodriguez, T.R. Rainwater, J.A. Dever, S.G. Platt, S.T. McMurry, M.R.J. Forstner and L.D. Densmore. 2008. Evidence of Multiple Paternity in Morelet's Crocodile (*Crocodylus moreletii*) in Belize, CA, Inferred from Microsatellite Markers. Journal of Experimental Zoology A, Ecological Genetics and Physiology 309A(10): 643-648.
- Rodriguez, D., J.R. Cedeño-Vázquez, M.R. J. Forstner, and L.D. Densmore III . 2008. Hybridization Between the American (*Crocodylus acutus*) and Morelet's crocodile (*Crocodylus moreletii*) in the Yucatan Peninsula: II. Evidence from microsatellites. Journal of Experimental Zoology A, Ecological Genetics and Physiology 309A(10):674-686.
- Swanson, R., Farallo, V., J.R. Troy, G.R. Hood, and M.R.J. Forstner. 2008. Geographic distribution. Caldwell County, Texas. *Hemidactylus turcicus*. Herpetological Review 39(3):367.
- Swanson, R., V. Farallo, J.R. Troy, G.R. Hood, and M.R.J. Forstner. 2008. Geographic distribution. DeWitt County. *Anolis carolinensis*. Herpetological Review 39(4):482.
- Swanson, R., V. Farallo, J.R. Troy, G.R. Hood, and M.R.J. Forstner. 2008. Geographic distribution. Bee County. *Eleuthrodactylus cystignathoides*. Herpetological Review 39(4):478.

- Tan, Sik-Loo, A. Mohd-Adnan, M.R.J. Forstner, N. Y. Mohd-Yusof, K. Wan. 2008. Identification and analysis of a prepro-chicken gonadotropin releasing hormone II (preproGnRH-II) precursor in the Asian seabass, *Lates calcarifer*, based on an EST-based assessment of its brain transcriptome. GENE 411(1-2):77-86.
- Weaver, J.P., D. Rodriguez, M.R.J. Forstner, L.D.Densmore III. 2008. A Genetic Characterization of the Cuban Crocodile (*Crocodylus rhombifer*) Using Zoological Samples. Journal of Experimental Zoology A, Ecological Genetics and Physiology 309A(10):649-660.
- 2007**
- Bell, J., J.R. Dixon, and M.R.J. Forstner. 2007. Geographic Distribution: *Chelydra serpentina*. Hill County. Herpetological review 38(4):479.
- Bell, J., J.R. Dixon, and M.R.J. Forstner. 2007. Geographic Distribution: *Scaphiopus huerteri*. Hill County. Herpetological review 38(4):478.
- Bryson, R., J. Pastorini, F. Burbrink, and M.R.J. Forstner. 2007. A phylogeny of the *Lampropeltis mexicana* complex (Serpentes:Colubridae) based on mitochondrial DNA sequences suggests evidence for species-level polyphyly within *Lampropeltis*. Molecular Phylogenetics and Evolution 43:674-684.
- Buzo, D., M.A. Gaston, J.A. Parlos, J.R. Dixon and M.R.J. Forstner. 2007. Geographic distribution: *Anolis carolinensis*, Burnet County, TX. Herpetological Review. 38(4):481.
- Feltoon, A.R., C. Lehn, T. Guerra, and M.R.J. Forstner. 2007. Isolation and characterization of six microsatellites in the Mexican beaded lizard *Heloderma horridum*. Molecular Evolution Notes 7:433-435.
- Gaston, M.A., E. Riedlinger, A. Fujii, and M.R.J. Forstner. 2007. Geographic Distribution: *Pseudacris clarki*. Borden County. Herpetological review 38(4):477
- Gaston, M.A., L.M. Villalobos, D. Buzo, and M.R.J. Forstner. 2007. Geographic Distribution: *Rana clamitans*. Milam County. Herpetological review 38(4):477
- Gaston, M.A., L.M. Villalobos and M.R.J. Forstner. 2007. Geographic Distribution: *Chelydra serpentina*. Milam County. Herpetological review 38(4):479
- Hahn, D., J. Gaertner, M.R.J. Forstner, and F. Rose. 2007. High-resolution analysis of Salmonellae from turtles within a headwater spring ecosystem. FEMS Microbiology Ecology 60(1):148-155.
- Jones, M.C., T.R. Simpson, R. Manning, and M.R.J. Forstner. 2007. Texas shrews (*Blarina*) lacking external eye openings. Southeastern Naturalist 6(4):752-754.
- Lehn, C., I. Das, M.R.J. Forstner, R. Brown. 2007 Responsible vouchering in turtle research: an introduction and recommendations. Chelonian Conservation and Biology: Chelonian Research Monographs 4:146-155.
- McAllister, C.T., M.R.J. Forstner, and J.P. Fuller. 2007 Second report of the Southern Painted Turtle, *Chrysemys dorsalis* (TESTUDINES: EMYDIDAE), from Texas, with comments on its genetic relationship to other populations. Texas Journal of Science 59(2):155-160.
- McCracken, S., M.R.J. Forstner, and J.R. Dixon. 2007. A new frog in the genus *Eleuthrodactylus* from the bromeliad canopy of Ecuador. Phyllomedusa 6(1):23-35.
- McCracken, S.F., C. Stinson, P. Keller, and M.R.J. Forstner. 2007. Geographic Distribution: *Holbrookia propinqua propinqua*. Calhoun County, TX. Herpetological review 38(4):484.
- McHenry, D., S. McCracken, and M.R.J. Forstner. 2007. Geographic Distribution: *Pseudemys texana*. Herpetological Review. 38(2):217.
- McHenry, D., T. Hibbits, J.R. Dixon and M.R.J. Forstner. 2007. Geographic Distribution: *Pseudemys texana* Burnet County, TX. Herpetological review. 38(4):480.
- Swannack, T.M. and M.R.J. Forstner. 2007. Possible cause for the sex-ratio disparity of the endangered Houston Toad (*Bufo houstonensis*). SWAN 52(3):386-392.

Syed, G.P., H. Ota, R. Hudson, K. Buhlman, and M.R.J. Forstner. 2007. Genetics and the application of captive breeding in the conservation of freshwater turtles and tortoises. *Chelonian Conservation and Biology: Chelonian Research Monographs* 4:156-166.

## 2006

- Bates, C., M.R.J. Forstner, M. Barnes, M. Whiteley R.J.C. McClean. 2006. Identification of Heterotrophic limestone-adherent biofilm isolates from an uncontaminated freshwater karst aquifer. *Southwestern Naturalist*. 51(3):299-309
- Duvall-Jisha, J., J. Jackson, and M.R.J. Forstner. 2006. Geographic Distribution. *Nerodia rhombifer*. *Herpetological Review*. 37(4):499.
- Ferguson, A.W. and M.R.J. Forstner. 2006. Design and implementation of a predatory exclusion device for pitfall traps. *Herpetological Review*. 37(3):316-317.
- Jackson, J.T., F.W. Weckerly, T.M. Swannack, M.R.J. Forstner. 2006. Imperfect detection and number of auditory surveys for Houston toads. *J. Wildlife Management*. 70(5):1461-1463.
- Lutz-Carrillo, D.J., C.C. Nice, T.H. Bonner, M.R.J. Forstner and L.T. Fries. 2006. Admixture analysis of Florida largemouth bass and northern largemouth bass using microsatellite loci. *Transactions of the American Fisheries Society*. 135:779-791.
- McAliley, L. R., R. E. Willis, M.R.J. Forstner, T. Guerra, and L. D. Densmore III. 2006. Eight Microsatellite Markers for the San Esteban Chuckwalla, *Sauromalus varius*. *Molecular Evolution Notes*. 6(3):759-761.
- McCracken, S. and M.R.J. Forstner. 2006. Natural History Note. Geophagy. *Bufo margartifer*. *Herpetological Review*. 37(1):72-73.
- McCracken, S.F. and M.R.J. Forstner. 2006. Reproductive ecology and behavior of *Eleuthrodactylus aureolineatus* (Anura, Brachycephalidae) in the canopy of the Upper Amazon Basin, Ecuador. *Phyllomedusa* 5(2):135-43.
- McVay, J. and M.R.J. Forstner. 2006. Geographic Distribution. *Bufo debilis debilis*. *Herpetological Review*. 37(4):486.
- McVay, J. and M.R.J. Forstner. 2006. Geographic Distribution. *Gyalopion canum*. *Herpetological Review*. 37(3):362.
- McVay, J. and M.R.J. Forstner. 2006. Geographic Distribution. *Lampropeltis getula splendida*. *Herpetological Review*. 37(3):363.
- Parlos, J., Jisha-Duvall, J., and M.R.J. Forstner. 2006. Geographic Distribution. *Agkistrodon piscivorous*. *Herpetological Review*. 37(4):496.
- Parlos, J.A., J. Duvall, and M.R.J. Forstner. 2006. Geographic Distribution. *Opheodrys aestivus*. *Herpetological Review*. 37(4):499.
- Rodriguez, D., J. Duvall, and M.R.J. Forstner. 2006. Geographic Distribution. *Graptemys psuedogeographica kohnii*. *Herpetological Review*. 37(4):492.
- Rose, F.L., T.R. Simpson, M.R.J. Forstner, D.J. McHenry, and J. Williams. 2006. Taxonomic status of the Coastal cricket frog (*Acris gryllus paludicola*): In search of the pink frog. *J. Herpetology*. 40(4):429-435.
- Swannack, T.M., J.T. Jackson, and M.R.J. Forstner. 2006. Natural History Note. *Bufo houstonensis* (Houston toad) juvenile dispersal. *Herpetological Review*. 37(3):335 AND 37(2):199-200.

## 2005

- Bailey, L., J. Jackson, A. Ferguson, M.R.J. Forstner, and J.R. Dixon. 2005. Geographic Distribution. Brewster County, Texas. *Pseudemys gorzugi*. *Herpetological Review*. 36(4):465-466.
- Bailey, L., J.R. Dixon, and M.R.J. Forstner. 2005. Natural History Note. Color Pattern. Reticulate melanism in *Pseudemys gorzugi*. *Herpetological Review*. 36(3):313.
- Ferguson, A.W. and M.R.J. Forstner. 2005. Geographic Distribution. *Lampropeltis calligaster*. *Herpetological Review*. 36(4):469.

- Ferguson, A.W. and M.R.J. Forstner. 2005. Geographic Distribution. *Farancia abacura reinwardti* (Western Mudsnake). Herpetological Review. 36 (2):203.
- Jackson, J., M.R.J. Forstner, and M. Duran. 2005. Geographic Distribution. *Cemophora coccinea lineri*. Herpetological Review. 36(4):469.
- Jones, M., S. Reilly, M.R.J. Forstner, and J.R. Dixon. 2005. Geographic distribution. *Regina grahami* (Crayfish snake). Herpetological Review. 36(4):470.
- Jones, M., S. Reilly, M.R.J. Forstner, and J.R. Dixon. 2005. Geographic distribution. *Bufo punctatus* (Red spotted toad). Herpetological Review. 36(4): 462.
- McCracken, S., J. R. Dixon and M.R.J. Forstner. 2005. Geographic Distribution. *Agkistrodon piscivorus leucostoma*. Herpetological Review. 36(3):338.
- McLean, R. J.C. M.B. Barnes, M.K. Windham, M. Merchant, M.R.J. Forstner, and C. Fuqua. 2005. Cell-cell influences on bacterial community development in aquatic biofilms. Applied Environmental Microbiology. 71(12):8997-8990.
- Pastorini, J., P. Fernando, M.R.J. Forstner, D.J. Melnick. 2005. Characterization of new microsatellite loci for the ring-tailed lemur (*Lemur catta*). Molecular Ecology 5:149-151.
- Reilly, S.M., R.W. Manning, C.C. Nice, and M.R.J. Forstner. 2005. Systematics of the Texas endemic *Blarina*. Journal of Mammalogy. 86(5):887-894.
- Stout, J., L. Bailey, J.R. Dixon, M.R.J. Forstner. 2005. Natural History Note. Maximum Size. *Pseudemys gorzugi*. Herpetological Review. 36(4):443.
- 2004**
- Bailey, L. and M.R.J. Forstner. 2004. Geographic Distribution. Maverick County, Texas. *Pseudemys gorzugi*. Herpetological Review 35(4):407.
- Pastorini, J., P. Fernando, D.J. Melnick, and M.R.J. Forstner. 2004. Isolation of ten microsatellite markers for mongoose lemurs (*Eulemur mongoz*). Journal of Molecular Evolution 4:67-69.
- 2003**
- Dixon, J., M.R.J. Forstner, D.M. Garcia. 2003. Evolutionary history of the *alpha*-actinin gene family: a phylogenetic investigation. Journal of Molecular Evolution 56(1):1-10.
- Forstner, M.R.J. and T.L. Ahlbrandt. 2003. Abiotic pond characteristics potentially influencing breeding of Houston toads (*Bufo houstonensis*). Texas Journal of Science 55(4): 315-322.
- Greuter, K., M.R.J. Forstner. 2003. Natural History Note. Juvenile Growth. Houston toad (*Bufo houstonensis*). Herpetological Review 34(4):355-356.
- Starkey, D.E., H.B. Shaffer, R.L. Burke, M.R.J. Forstner, J.B. Iverson, F.J. Janzen, A.G.J. Rhodin, and G.R. Ultsch. 2003. Molecular systematics, phylogeography, and the effects of Pleistocene glaciation in the Painted turtle (*Chrysemys picta*) complex. Evolution 57(1):119-128.
- Swannack, T.M. and M.R.J. Forstner. 2003. Natural History Note. Diet. *Micrurus fulvius tener*. Herpetological Review 34(4):376.
- 2002**
- Ahlbrandt, L., K. Jones and M.R.J. Forstner. 2002. Geographic distribution. *Crotalus horridus* (Timber Rattlesnake). Herpetological Review 33(3):227
- Pastorini, J., M.R.J. Forstner, R.D. Martin. 2002. Phylogenetic relationships of gentle lemurs (*Haplemur*). Evolutionary Anthropology, Suppl 1:150-154.
- Pastorini, J., M.R.J. Forstner, R. D. Martin. 2002. Evolutionary history and species divergence in the family Lemuridae (*Primates*). J. Human Evolution 43:463-478
- Raxworthy, C.J., Forstner, M.R.J. & Nussbaum, R.A. 2002. Chameleon radiation by oceanic dispersal. Nature 415:784-787.
- 2001**
- Andayani, N., J.C. Morales, M.R.J. Forstner, J. Supriatna, and D.J. Melnick. 2001. Genetic variability in mitochondrial DNA of the Javan gibbon (*Hylobates moloch*): implications for the conservation of a critically endangered species. Conservation Biology 15(3):770-775.



- Gaston, M., E. Gaston, J.R. Dixon, L. Sherrod and M.R.J. Forstner. 2001. Geographic distribution. *Kinosternon flavescens*. Herpetological Review 32(3):192.
- Gaston, M., E. Gaston, J.R. Dixon, L. Sherrod and M.R.J. Forstner. 2001. Geographic distribution. *Trachemys scripta*. Herpetological Review 32(3):192.
- Gaston, M., E. Gaston, M.R.J. Forstner, J.R. Dixon, and L. Sherrod. 2001. Geographic distribution. *Kinosternon flavescens*. Herpetological Review 32(4):274.
- Gaston, M., M.R.J. Forstner, J.R. Dixon and L. Sherrod. 2001. Geographic distribution. *Trachemys scripta*. Herpetological Review 32(4):274-275.
- Gaston, M., T. Swannack, L. Ahlbrandt and M.R.J. Forstner. 2001. Geographic distribution. *Ambystoma tigrinum*. Herpetological Review 32(4):267.
- Gaston, M., T. Swannack, L. Ahlbrandt and M.R.J. Forstner. 2001. Geographic distribution. *Ambystoma tigrinum*. Herpetological Review 32(3):188.
- Gaston, M.A., J.R. Dixon and M.R.J. Forstner. 2001. Geographic distribution. *Bufo houstonensis*. Herpetological Review 32(3):189-190.
- Gaston, M.A., M.R.J. Forstner, J.R. Dixon. 2001. Geographic distribution. *Bufo houstonensis*. Herpetological Review 32(4):269.
- Pastorini, J., M.R.J. Forstner, and R.D. Martin. 2001. Phylogenetic history of sifakas (*Propithecus*: Lemuriformes) derived from mtDNA sequences. American Journal of Primatology 53:1-17.
- Pastorini, J., R.D. Martin, P. Ehresmann, E. Zimmermann, and M.R.J. Forstner. 2001. Molecular phylogeny of the lemur family Cheirogaleidae (Primates) based on mitochondrial DNA sequences. Molecular Phylogenetics and Evolution 19:45-56.

## 2000

- Pastorini, J., M.R.J. Forstner, and R.D. Martin. 2000. Relationships among brown lemurs (*Eulemur fulvus*) based on mitochondrial DNA sequences. Molecular Phylogenetics and Evolution 16:418-429.

## 1998

- Forstner, J.M., M.R.J. Forstner, and J.R. Dixon. 1998. Ontogenetic prey change in two sympatric East Texas ranids: the southern leopard frog, *Rana sphenoccephala* and the bronze frog, *Rana clamitans*. Herpetological Review 29(4):208-211.
- Forstner, M.R.J., J.R. Dixon, J.M. Forstner, and S.K. Davis. 1998. Apparent hybridization between *Cnemidophorus gularis* and *C. septemvittatus* from an area of sympatry in Southwest Texas. Journal of Herpetology 32(3):418-425.
- Pastorini, J., M.R.J. Forstner, R.D. Martin, and D.J. Melnick. 1998. A re-examination of the phylogenetic position of *Callimico* (Primates) incorporating new mitochondrial DNA sequence data. Journal of Molecular Evolution 47:32-41.

## 1997

- Forstner, M.R.J., J.R. Dixon, and D.E. Starkey. 1997. An improved method for formalin fixation of large vertebrates. Herpetological Review 28(2):77.
- Forstner, M.R.J., R.A. Hilsenbeck, and J.F. Scudday. 1997. Geographic variation in whole venom profiles from the mottled rock rattlesnake (*Crotalus l. lepidus*) (Kennicott) in Texas. Journal of Herpetology 31(2):277-285.
- Gonder, K., J. Oates, T. Disotell, M.R.J. Forstner, J.C. Morales, and D.J. Melnick. 1997. A new chimpanzee subspecies in West Africa? Nature 388:337.
- Wang, W., M.R.J. Forstner, Ya-oing Zhang, Zi-ming Liu, Yu Wei, Hong-guang Hu, You-xin Xie, Deng-hu Wu, and D.J. Melnick. 1997. A phylogeny of Chinese leaf monkeys using mitochondrial ND3-ND4 gene sequences. International Journal of Primatology 18(3):305-320.

## b. Non-refereed Articles:

- Crump, P. and M.R.J. Forstner. 2010. **Magazine Article**. Saving the Houston toad. Association of Zoos & Aquariums. CONNECT (3): 2.
- Parlos, J.A. and M.R.J. Forstner. 2009. **Newsletter**. Surveys of *Myotis vellifer* among Texas caves and the progress of a population genetic study. Texas Bat Working group, Southeastern Bat Diversity Network. Annual updates to ongoing research, February 2009.
- Dixon, J.R., T. Hibbits, and M.R.J. Forstner. 2007. Texas Herpetological Literature 2000-2006(7). Texas Herpetological Society Publications 2007(1):1-58.
- Bailey, L. and M.R.J. Forstner. 2005. **Species Account**. The Rio Grande River cooter (*Pseudemys gorzugi*). Pgs 1075-1076. In: S. Bender, S. Shelton, K. Bender, and A. Kalmbach (eds.). Texas comprehensive wildlife conservation strategy 2005-2010. Texas Parks and Wildlife Department, NonGame Division. Austin, TX. 1131pgs. September 2005.
- Forstner, M.R.J. 2005. **Species Account**. The Big Bend slider (*Trachemys gaigeae*). Pgs 1024-1025. In: S. Bender, S. Shelton, K. Bender, and A. Kalmbach (eds.). Texas comprehensive wildlife conservation strategy 2005-2010. Texas Parks and Wildlife Department, NonGame Division. Austin, TX. 1131pgs. September 2005.
- Jackson, J.T. and M.R.J. Forstner. 2005. **Species Account**. The Texas scarlet snake (*Cemophora lineari*). Pgs 1097-1098. In: S. Bender, S. Shelton, K. Bender, and A. Kalmbach (eds.). Texas comprehensive wildlife conservation strategy 2005-2010. Texas Parks and Wildlife Department, NonGame Division. Austin, TX. 1131pgs. September 2005.
- Schaffer, H.B., M.R.J. Forstner, H.D. Philippen, P.J. Baker, and P.Q. Spinks. 2001. **Proceedings Chapter**. Systematics. In: *IUCN Asian Turtle Workshop: Developing conservation strategies through captive management*. Pp.79-86.

### 3. Abstracts:

2011

- Sha, Q., M.R.J. Forstner, X. Vatten, and D. Hahn. 2011. **Abstract**. Assessing pathogenicity of Salmonella isolates from natural biofilms. 3<sup>rd</sup> Annual International Research Conference for Graduate Students. November 2-3, 2011, Texas State University, San Marcos, TX.
- Duarte, A., D.J. Brown, and M.R.J. Forstner. 2011. **Abstract**. Estimating abundance of the endangered Houston toad (*Bufo houstonensis*) on a primary recovery site. 3<sup>rd</sup> Annual International Research Conference for Graduate Students. November 2-3, 2011, Texas State University, San Marcos, TX.
- Harper, A.L. and M.R.J. Forstner. 2011. **Abstract**. Assessing impacts of drought on herpetofauna through repeated surveys and morphometric comparisons. Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.
- Mali, I., D.J. Brown, M.R.J. Forstner. 2011. **Abstract**. Trapping turtles using hoop-nets: testing assumptions and potential biases. Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.
- Preston, D. and M.R.J. Forstner. 2011. **Abstract**. Chemically mediated predator avoidance behavior in the endangered Houston toad (*Bufo houstonensis*) using the Coastal Plain toad (*Bufo nebulifer*) as a proxy. Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.
- Wallace, D., V. Farrallo, D. Buzo, and M.R.J. Forstner. 2011. **Abstract**. Prioritizing the remaining Houston toad habitat remnants for conservation in the face of ongoing fragmentation and wildfire. Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.
- Jones, M.C., D.J. Brown, I. Mali, A. McKinney, and M.R.J. Forstner. 2011. **Abstract**. Assessment of Public Knowledge and Support for Recovery of the Endangered Houston Toad (*Bufo houstonensis*) in Bastrop, Texas. Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.

- Duarte, A., D.J. Brown, and M.R.J. Forstner. 2011. **Abstract.** Estimating abundance of the endangered Houston toad (*Bufo houstonensis*) on a primary recovery site. Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.
- Brown, D.J., T.M. Swannack, and M.R.J. Forstner. 2011. **Abstract.** Influence of abiotic factors on activity patterns of the endangered Houston toad (*Bufo houstonensis*). Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.
- Jones, M., M.R.J. Forstner and J.R. Dixon. 2011. **Abstract.** Is bigger always better? Mate selection in the Houston toad (*Bufo houstonensis*). 96<sup>th</sup> Annual meeting, Ecological Society of America, August 7-12, 2011, Austin Convention Center, Austin, TX.
- Brown, D., J.T. Baccus, D.B. Means and M.R.J. Forstner. 2011. **Abstract.** Short-term outcomes for juvenile amphibians after fire in a southern USA pine forest. 96<sup>th</sup> Annual meeting, Ecological Society of America, August 7-12, 2011, Austin Convention Center, Austin, TX.
- Mali, I., M.R.J. Forstner and D. Brown. 2011. **Abstract.** Conservation and sustainable use of turtle populations worldwide: Past, present, and future strategies. 96<sup>th</sup> Annual meeting, Ecological Society of America, August 7-12, 2011, Austin Convention Center, Austin, TX.
- Farallo, V.R and M.R.J. Forstner. 2010. **Abstract.** Predation and the maintenance of color polymorphism in a habitat specialist squamate. 96<sup>th</sup> Annual meeting, Ecological Society of America, August 7-12, 2011, Austin Convention Center, Austin, TX.
- Harper, A. and M.R.J. Forstner. 2011. **Abstract.** Assessing impacts of drought on herpetofauna. 16<sup>th</sup> Annual Biology Student Colloquium, Apr 1, 2011, Texas State University, San Marcos, TX.
- Jones, M., J.R. Dixon and M.R.J. Forstner. 2011. **Abstract.** Is bigger always better? Mate selection in the Houston toad (*Bufo houstonensis*). 16<sup>th</sup> Annual Biology Student Colloquium, Apr 1, 2011, Texas State University, San Marcos, TX.
- McCracken, S. and M.R.J. Forstner. 2011. **Abstract.** Multi-rotor UAVS- A new tool for Biologists. 16<sup>th</sup> Annual Biology Student Colloquium, Apr 1, 2011, Texas State University, San Marcos, TX.
- Brown, D., J.T. Baccus, and M.R.J. Forstner. 2011. **Abstract.** Short-term effects of fire on juvenile amphibians in a southern USA pine forest. 16<sup>th</sup> Annual Biology Student Colloquium, Apr 1, 2011, Texas State University, San Marcos, TX.
- Vandewege, M. and M.R.J. Forstner. **Abstract.** Testing pedigree reconstruction to assess short term effects of head-starting on a Houston toad population. 16<sup>th</sup> Annual Biology Student Colloquium, Apr 1, 2011, Texas State University, San Marcos, TX.
- Mali, I., D. Brown, and M.R.J. Forstner. 2011. **Abstract.** Toward sustainable worldwide utilization of Chelonians. 16<sup>th</sup> Annual Biology Student Colloquium, Apr 1, 2011, Texas State University, San Marcos, TX.
- Brown, D., J.T. Baccus, and M.R.J. Forstner. 2011. **Abstract.** Short-term effects of fire on juvenile amphibians in a southern USA pine forest. 114th Annual Meeting, Texas Academy of Science, March 3-5, 2010, St. Edwards University, Austin, Texas.
- Mahato, N. and M.R.J. Forstner. 2011. **Abstract.** A general habitat suitability model for the endangered Houston toad (*Bufo houstonensis*) from remote sensing data. 114th Annual Meeting, Texas Academy of Science, March 3-5, 2010, St. Edwards University, Austin, Texas.
- Jones, M., J.R. Dixon and M.R.J. Forstner. 2011. **Abstract.** Is bigger always better? Mate selection in the Houston toad (*Bufo houstonensis*). 114th Annual Meeting, Texas Academy of Science, March 3-5, 2010, St. Edwards University, Austin, Texas. *\*winner Honorable Mention, Best student oral presentation.*
- Brown, D., T.M. Swannack and M.R.J. Forstner. **Abstract.** Influence of weather on capture variability for amphibians in the Lost Pines of Texas. Texas Chapter, Wildlife Society, Feb

- 17-19, 2011. San Antonio, TX.
- Mali, I., D. Brown, and M.R.J. Forstner. 2011. **Abstract.** Conservation and Sustainable Use of Turtle Populations Worldwide: Past, Present, and Future Strategies. Seventh International Conference on Environmental, Cultural, Economic, and Social Sustainability. 5-7, January 2011. University of Waikato, New Zealand.
- 2010
- Mahato, N. and M.R.J. Forstner. 2010. Abstract. Determining endangered species habitat in the face of cryptic species and few occupancy surveys: an example from the red panda (*Ailurus fulgens*) in Nepal. Organization of Fish and Wildlife Information Managers annual conference, Oct 18-21, Cadiz, Kentucky. \*winner 2010 Student Scholarship (\$600).
- Howard, L.L. M.E.B. Jones, J.P. Flangan, P.S. Crump, M.L. Marin, T.P. Prim, M.R.J. Forstner, A.P. Pessier. 2010. Abstract. Disseminated Mycobacteriosis in a headstart colony of Houston toads (*Bufo houstonensis*). "Wildlife and Ecosystem Health Without Borders." In conjunction with the AAZV/AAWV/ARAV Annual Conference. Trilateral Meeting of the Canadian, Mexican, and United States Wildlife Veterinary and Conservation. South Padre Island, Texas, USA. Oct 24-25, 2010.
- Vandewege, M., D. Rodriguez, J.P. Weaver, T.D. Hibbits, M.R.J. Forstner, and L.D. Densmore. 2010. Abstract. Bimodal pattern of hybridization between Baird's rat snake and the Texas rat snake inferred from mitochondrial and nuclear DNA data. 15<sup>th</sup> Annual Biology Student Colloquium, April 3, 2010, Texas State University, San Marcos, TX.
- Dickerson, B. and M.R.J. Forstner. 2010. Abstract. Effects of urbanization and road densities on the populations of *Trachemys scripta elegans* in the Lower Rio Grande valley. 15<sup>th</sup> Annual Biology Student Colloquium, April 3, 2010, Texas State University, San Marcos, TX.
- Brown, D.J., B. Devolld, and M.R.J. Forstner. 2010. Abstract. Red-eared slider (*Trachemys scripta elegans*) hoop net escapes: size versus sex. 15<sup>th</sup> Annual Biology Student Colloquium, April 3, 2010, Texas State University, San Marcos, TX. \*Runner-up best student presentation (Graduate level)
- Schultz, A. and M.R.J. Forstner. 2010. Abstract. Inferring Population Changes of Freshwater Turtles in South Texas. 15<sup>th</sup> Annual Biology Student Colloquium, April 3, 2010, Texas State University, San Marcos, TX.
- Devolld, B. and M.R.J. Forstner. 2010. Abstract. The effects of prescribed fire on red-imported fire ant (*Solenopsis invicta*) populations around ponds in the Lost Pines ecoregion of Texas. 15<sup>th</sup> Annual Biology Student Colloquium, April 3, 2010, Texas State University, San Marcos, TX.
- Mahato, N. and M.R.J. Forstner. 2010. Abstract. A distribution model for guidance toward the conservation planning of red panda (*Ailurus fulgens*) in Nepal. 11<sup>th</sup> Ecological Integration Symposium, Understanding Patterns and Processes across Scales, March 26-27, 2010, Texas A&M University, College Station, Texas.
- McHenry, D. and M.R.J. Forstner. 2010. Abstract. Characterizing natural levels of interspecific admixture in an endangered toad, (*Bufo houstonensis*). 57<sup>th</sup> Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX.
- Farallo, V.R and M.R.J. Farallo. 2010. Abstract. Maintenance of polymorphism in the mottled rock rattlesnake (*Crotalus lepidus lepidus*) consequent of predation? 57<sup>th</sup> Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX.
- Harper, A. and M.R.J. Forstner. 2010. Abstract. Assessing impacts of drought on herpetofauna through repeated surveys and morphometric comparisons. 57<sup>th</sup> Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX.

- Schultz, A. and M.R.J. Forstner. 2010. Abstract. Turtle trends in the Lower Rio Grande Valley across thirty years with both long and short-term replication. 57<sup>th</sup> Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX. 57<sup>th</sup> Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX.
- Mahato, N.K., P. Subedi, L. Poudel, and M.R.J. Forstner. 2010. Abstract. Status and conservation of the galliformes population in Pipar and the importance of the adjacent Santel area for pheasant conservation in Nepal. 57<sup>th</sup> Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX.
- Vandewege, M., McHenry, D. and M.R.J. Forstner. 2010. Abstract. Evidence of multiple paternity in the critically endangered Houston toad (*Bufo houstonensis*). 57<sup>th</sup> Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX.
- McHenry, D. and M.R.J. Forstner. 2010. Abstract. The bittersweet success of headstarting in the Houston toad (*Bufo houstonensis*). 113th Annual Meeting, Texas Academy of Science, March 4-6, 2010, Tarleton State University, Stephenville, Texas.
- Vandewege, M., D. Rodriguez, J.P. Weaver, T.D. Hibbits, M.R.J. Forstner, and L.D. Densmore. 2010. Abstract. The hybrid zone between (*Elaphe bairdi* and *Elaphe obsoleta lindheimeri*) in Texas inferred from microsatellite and mitochondrial DNA data. 113th Annual Meeting, Texas Academy of Science, March 4-6, 2010, Tarleton State University, Stephenville, Texas.
- Farallo, V.R. and M.R.J. Farallo. 2010. Abstract. Are the color forms in the mottled rock rattlesnake (*Crotalus lepidus lepidus*) consequent of predation? 113th Annual Meeting, Texas Academy of Science, March 4-6, 2010, Tarleton State University, Stephenville, Texas.
- Gaston, M.A., A. Fujii, F. Weckerly, M.R.J. Forstner. 2010. Abstract. Potential component Allee effects and their consequences in Houston toad (*Bufo houstonensis*) stewardship. 113th Annual Meeting, Texas Academy of Science, March 4-6, 2010, Tarleton State University, Stephenville, Texas.
- Dickerson, B.E. and M.R.J. Forstner. 2010. Abstract. Road densities as a proxy for urbanization effects using the Red eared slider (*Trachemys scripta elegans*) in the lower Rio Grande Valley. Texas Chapter of the Wildlife Society Annual Meeting, Feb 18-20<sup>th</sup>, Galveston, Texas.
- Mahato, N. and M.R.J. Forstner. 2010. Abstract. Distribution and GIS-based habitat modeling of red panda (*Ailurus fulgens*) in Nepal. 113th Annual Meeting, Texas Academy of Science, March 4-6, 2010, Tarleton State University, Stephenville, Texas.

2009

- McCracken, S.F., J.P. Gaertner, D. Hahn, M.R.J. Forstner. 2009. Abstract. Detection of *Batrachochytrium dendrobatidis* in amphibians from the forest floor to the upper canopy of an Ecuadorian Amazon lowland rainforest. 89<sup>th</sup> Annual meeting of the American Society of Ichthyologists and Herpetologists & Joint meeting of Ichthyologists and Herpetologists, 22-27 July, Portland, Oregon.
- Gaston, M.A., T.R. Simpson, F.L. Rose, and M.R.J. Forstner. 2009. Abstract. Geographic variation in male cricket frogs (*Acris blanchardi*): a behavioral and morphological assessment across three central Texas river basins, with comments on systematics. SWAN, Monterrey MX, April 2009.
- Gaston, M.A., A. Fujii, F. Weckerly, M.R.J. Forstner. 2009. Abstract. Allee effects in a critically endangered Texas toad (*Bufo houstonensis*): possible negative impacts of artificial ponds. SWAN, Monterrey MX, April 2009.

- McCracken, S.F., J.P. Gaertner, M.R.J. Forstner, and D. Hahn. 2009. Abstract #214. Detection of *Batrachochytrium dendrobatidis* in amphibians from the forest floor to the upper canopy of an Ecuadorian Amazon lowland rainforest. Texas Academy of Science, Junction, TX. March 5-7 2009.
- Gaertner, J.P., M.A. Gaston, D. Spontak, M.R.J. Forstner, D. Hahn. 2009. Abstract #262. Seasonal variation in the detection of *Batrachochytrium dendrobatidis* in a Texas population of Blanchard's cricket frog (*Acris crepitans blanchardi*). Texas Academy of Science, Junction, TX. March 5-7 2009.
- McHenry, D. and M.R.J. Forstner. 2009. Abstract #217. Identification of Texas bufonids using mitochondrial markers. Texas Academy of Science, Junction, TX. March 5-7 2009.
- Farallo, V. and M.R.J. Forstner. 2009. Abstract #200. Two are better than one: improved funnel trap design. Texas Academy of Science, Junction, TX. March 5-7 2009.
- 2008
- Fujii, A and M.R.J. Forstner. 2008. Abstract. The Texas Tortoise (*Gopherus berlandieri*) the only *Gopherus* without a plan; defining conservation units in Southern Texas. Joint meeting TSA and IUCN/SSC Tortoise and freshwater turtle specialist group. Sept 17-20, Tucson, AZ.
- Fujii, A and M.R.J. Forstner. 2008. Abstract. Phylogeography and Conservation of the Texas Tortoise (*Gopherus berlandieri*) in Southern Texas. SW PARC meeting, June 5-8, 2008, Austin, TX.
- Forstner, M.R.J., D. McHenry, D. Buzo, and J.R. Dixon. Abstract. Active stewardship toward recovery of the Houston toad (*Bufo houstonensis*). SW PARC meeting, June 5-8, 2008, Austin, TX.
- Forstner, M.R.J., J. Jackson, L. Bailey, and J.R. Dixon. Abstract. The Status of *Trachemys gaigeae* and *Pseudemys gorzugi* (Reptilia: Emydidae) in the Rio Grande Basin. SW PARC meeting, June 5-8, 2008, Austin, TX.
- Buzo, D., M.R.J. Forstner, M.C. Green and M.A. Fonstad. Abstract. A GIS predictive habitat distribution model for the Houston toad (*Bufo houstonensis*) in Bastrop and Lee counties, Texas. 111<sup>th</sup> Annual meeting of the Texas Academy of Sciences, March 6-8, Texas A&M Corpus Christi, Corpus Christi, Texas. \*Winner Honorable Mention Best Graduate Student Oral Presentation \$50.
- Duvall-Jisha, J.H., A. Blair, M.R.J. Forstner. Abstract. Arthropod diversity during drought conditions. 111<sup>th</sup> Annual meeting of the Texas Academy of Sciences, March 6-8, Texas A&M Corpus Christi, Corpus Christi, Texas.
- McCracken, S. and M.R.J. Forstner. Abstract. Does the canopy hold a missing piece of the Amazon rainforest amphibian diversity? New species from a new frontier in Yasuní National Park - Amazonian Ecuador. 111<sup>th</sup> Annual meeting of the Texas Academy of Sciences, March 6-8, Texas A&M Corpus Christi, Corpus Christi, Texas.
- McHenry, D.J. and M.R.J. Forstner. Abstract. Preliminary results from a population genetics study of coastal plains toads (*Bufo nebulifer*). 111<sup>th</sup> Annual meeting of the Texas Academy of Sciences, March 6-8, Texas A&M Corpus Christi, Corpus Christi, Texas.
- Parlos, J. and M.R.J. Forstner. Abstract. From Texas to California: population genetic and phylogenetic results in the Cave myotis. 111<sup>th</sup> Annual meeting of the Texas Academy of Sciences, March 6-8, Texas A&M Corpus Christi, Corpus Christi, Texas.
- Parlos, J. and M.R.J. Forstner. Abstract. Intrappecific Variation among Cave Myotis Inferred from the Mitochondrial Cytochrome b Gene. Texas Society of Mammalogists, 26<sup>th</sup> annual meeting, 22-24 February, Junction, Texas.
- Rodriguez, D. J.D. McVay, M.R.J. Forstner, L.D. Densmore. Abstract. Population genetics of the Concho water snake (*Nerodia paucimaculata*) in comparison to Harter's water snake (*Nerodia harteri*) and the blotched water snake (*Nerodia erythrogaster transversa*). 111<sup>th</sup> Annual meeting of the Texas Academy of Sciences, March 6-8, Texas A&M Corpus Christi, Corpus Christi, Texas.

- Vandewege, M., D. Rodriguez, J.P. Weaver, M.R.J. Forstner, and L.D. Densmore. Abstract. Population genetics of the Texas rat snake (*Elaphe obsoleta lindheimeri*). 111<sup>th</sup> Annual meeting of the Texas Academy of Sciences, March 6-8, Texas A&M Corpus Christi, Corpus Christi, Texas.
- Weaver, J.P., D. Rodriguez, M. Venegas-Anaya, J.R. Cedeno-Vasquez, M.R.J. Forstner, and L.D. Densmore. Abstract. Incongruence of species designations as determined by mitochondrial and nuclear DNA: an example from the Cuban crocodile (*Crocodylus rhombifer*). 111<sup>th</sup> Annual meeting of the Texas Academy of Sciences, March 6-8, Texas A&M Corpus Christi, Corpus Christi, Texas.
- Bean, P., T.H. Bonner, J.T. Jackson, and M.R.J. Forstner. Abstract. An extant population of Headwater catfish (*Ictalurus lupus*) in a western gulf slope drainage. 2008 Annual meeting of the Texas Chapter, American Fisheries Society. Jan 17-19, 2008, Junction, TX.
- 2007
- Parlos, J.A. and M.R.J. Forstner. 2007. Abstract. Preliminary population genetic and phylogeographic results in the Cave myotis (*Myotis velifer*) across Texas. 37th NASBR and XIV International Bat research conference, Merida, Mexico. August, 19-23 2007.
- Gaertner, J.P., M.R.J. Forstner, F. Rose, and D. Hahn, and. 2006. Abstract. Detection of salmonellae in wild turtles and their aquatic habitats. Biology Colloquium, April 30, 2007. Texas State University, San Marcos, Texas.
- Rodriguez, D., M.R.J. Forstner, P. Moler, and L.D. Densmore III. 2007. Abstract. Genetic structure of the American crocodile (*Crocodylus acutus*) in Florida and evidence of hybridization inferred from mitochondrial and nuclear markers. 3<sup>rd</sup> International Workshop on Crocodylian genetics and genomics. Smithsonian Tropical Research Institute, Panama City, Panama. April 13-15, 2007.
- Parlos, J. and M.R.J. Forstner. 2007. Abstract. Is a decline in average size of the Texas spiny softshell (*Apalone spinifera emoryi*) indicative of anthropogenic influences? Biology Colloquium, April 30, 2007. Texas State University, San Marcos, Texas.
- McCracken, S. and M.R.J. Forstner. 2007. Abstract. Reproductive ecology and behavior of *Eleuthrodactylus aureolineatus* (Anura, Brachycephalidae) in the canopy of the Upper Amazon Basin, Ecuador. Biology Colloquium, April 30, 2007. Texas State University, San Marcos, Texas.
- Sorenson, T. and M.R.J. Forstner. 2007. Abstract. The evolution of the Rh factor. Biology Colloquium, April 30, 2007. Texas State University, San Marcos, Texas.
- 2006
- Mealey, B.K., G.B. Mealey, J.D. Baldwin, G.D. Bossart, & M.R.J. Forstner. 2006. Abstract. The insular ecology of the diamondback terrapin (*Malaclemys terrapin*), on the mangrove keys of south Florida. First International symposium on Mangroves as Fish Habitat. University of Miami. Miami, FL. April 19-21.
- Bryson, R.W., J. Pastorini, and M.R.J. Forstner. Abstract. Phylogenetic relationships of the *Lampropeltis mexicana* complex (Serpentes: Colubridae) as inferred from mtDNA sequences. SWAN, Colima MX, April 13-15<sup>th</sup> 2006.
- Buzo, D. and M.R.J. Forstner. 2006. Abstract. A GIS model for identifying Houston Toad (*Bufo houstonensis*) habitat in Bastrop County, TX, USA. 102106-05. Texas Herpetological Society. Oct 20-21<sup>st</sup>, San Marcos, Texas.
- Jackson, J., M.R.J. Forstner, J.R. Dixon. 2006. Abstract. The Status of *Trachemys gaigeae* (Reptilia: Emydidae) in the Rio Bravo Basin. IX Reunion Nacional de Herpetologia. Universidad Autonoma de Nuevo Leon, Monterrey, Nuevo Leon, Mexico. Nov 6-9, 2006.
- Gaertner, J.P., D. Hahn, and M.R.J. Forstner. 2006. Abstract. Detection of *Salmonella spp.* in turtles and sediment of the Rio Grande. 102106-04. Texas Herpetological Society. Oct 20-21<sup>st</sup>, San Marcos, Texas.

- McHenry, D., J. Godwin, and M.R.J. Forstner. 2006. Abstract. Utility of various molecular markers among closely related *Graptemys*. Texas Academy of Science. Mar 2-4, Lamar University, Beaumont, TX. *Winner best student presentation: Endangered Species Section (\$250)*.
- McHenry, D.J. and M.R.J. Forstner. 2006. Abstract. Endangered species by proxy: a population genetics study of the federally endangered Houston toad, *Bufo houstonensis* (Anura: Bufonidae), and a common relative, the Gulf Coast toad, *Bufo valliceps*. 102106-02. Texas Herpetological Society. Oct 20-21<sup>st</sup>, San Marcos, Texas.
- Mealey, B.K., G.B. Mealey, G.D. Bossart, M.R.J. Forstner, and J.D. Baldwin. 2006. Abstract. Comparative Analysis of Health Assessment Parameters for Bald Eagles, *Haliaeetus leucocephalus*, and Ospreys, *Pandion haliaetus*, in Florida Bay, Everglades National Park. North American Ornithological Conference. Oct. 3-7, 2006, Vera Cruz, Mexico. Abstract 2032.
- Parlos, J.A., J.R. Dixon, J. Jackson, and M.R.J. Forstner. 2006. Abstract. Texas Spiny Softshell (*Apalone spinifera emoryi*): A decline in average measurements due to harvest? 102106-07. Texas Herpetological Society. Oct 20-21<sup>st</sup>, San Marcos, Texas.
- Rodriguez, D. M.R.J. Forstner, and L.D. Densmore. 2006. Abstract. Low allelic variation and its effects on detecting multiple paternity in two endangered species of crocodile: *Crocodylus acutus* and *Crocodylus moreletti*. Texas Tech Graduate Student Forum. Texas Tech University, Lubbock, TX. April 10-14.
- Swannack, T.M. and M.R.J. Forstner. Abstract. Impacts of the difference at age of first reproduction on a population of endangered Houston toads (*Bufo houstonensis*). Wildlife symposium, TAMU, College Station Texas, April 1, 2006.
- Swannack, T.M., K.L. Greuter, and M.R.J. Forstner. Abstract. Survivorship Estimates of Three Life Stages of the Houston Toad (*Bufo houstonensis*). ASIH, New Orleans, LA. 12-17 July, 2006.
- Swannack, T.M., K.L. Greuter, M.R.J. Forstner. 2006. Abstract. Estimating survival parameters for an endangered species with a complex life history. 102106-10. Texas Herpetological Society. Oct 20-21<sup>st</sup>, San Marcos, Texas.
- 2005
- McDonough M., Ferguson, A.W., and M.R.J. Forstner. 2005. Abstract. Mammalian survey of Camp Mabry TXARNG Training site, Austin, Texas: A problem with non-natives. Plenary session: Research on Army Reserves. SWAN. 2005.
- Ferguson, A.W., M. McDonough, and M.R.J. Forstner. 2005. Abstract. A Preliminary Inventory of the Herpetofauna at Camp Mabry, Austin, Texas. Plenary session: Research on Army Reserves. SWAN. 2005.
- Bailey, L, M.R.J. Forstner and J.R. Dixon. 2005. Abstract. Assessing the status of *Pseudemys gorzugi* (Rio Grande River cooter) in Texas. Texas Academy of Sciences. Edinburg, TX. 2005.
- McHenry, D. and M.R.J. Forstner. 2005. Abstract. Molecular systematics of the Texas genera of Nyctaginaceae. Texas Academy of Sciences. Edinburg, TX. 2005.
- Rainer, A. and M.R.J. Forstner. 2005. Abstract. Phylogenetic Reconstruction and Genetic Conservation of *Heloderma horridum*. Texas Academy of Sciences. Edinburg, TX. 2005.
- Swannack, T.M., K.L. Greuter, and M.R.J. Forstner. 2005. Abstract. Population dynamics and survivorship estimates of the Houston toad (*Bufo houstonensis*). Texas Academy of Sciences. Edinburg, TX. 2005.
- Ferguson, A.W. and M.R.J. Forstner. 2005. Abstract. Vertebrate Predator Influences On Pitfall Survey Data: A Case Study Involving the Houston Toad. Texas Academy of Sciences. Edinburg, TX. 2005.



Fuller, J.P., C.T. McAllister, and M.R.J. Forstner. 2005. Abstract. Second report of *Chrysemys dorsalis* from Texas. Arkansas Academy of Science in Conway, AR, Hendrix College, April 8-9, 2005.

2004

Fuller, J.P., C.T. McAllister, and M.R.J. Forstner. 2004. Abstract. Second report of *Chrysemys dorsalis* from Texas. Oklahoma Academy of Sciences. Nov 5, 2004.

Forstner, M.R.J., J.R. Dixon, T.M. Guerra, J.L. McKnight, J. Stuart, and S.K. Davis. 2004. Abstract. Status of the U.S. populations of the Big Bend slider (*Trachemys gaigeae*). The 6<sup>th</sup> Symposium of the Chihuahuan Desert Research Institute. Alpine TX. Oct 15-17.

Rosenthal, J. and M.R.J. Forstner. 2004. Abstract. Effects of a Pleistocene Barrier on Chihuahuan desert herpetofauna. The 6<sup>th</sup> Symposium of the Chihuahuan Desert Research Institute. Alpine TX. Oct 15-17. \*Winner best student presentation with cash award and prizes.

Bailey, L., M.R.J. Forstner, J.R. Dixon, and R. Hudson. 2004. Abstract. The Status of *Pseudemys gorzugi* (The Rio Grande River Cooter) in Texas River Systems. The 6<sup>th</sup> Symposium of the Chihuahuan Desert Research Institute. Alpine TX. Oct 15-17.

Ferguson, A. and M.R.J. Forstner. 2004. Abstract. Active predation of pitfall traps at a study site for the endangered Houston toad (*Bufo houstonensis*) in Bastrop, County Texas. 51<sup>st</sup> Annual meeting of the Southwestern Association of Naturalists. San Antonio, TX. Apr 15-17.

Swannack, T.M. and M.R.J. Forstner. 2004. Abstract. A possible cause of the disparity in the sex ratio of adult Houston toads. 51<sup>st</sup> Annual meeting of the Southwestern Association of Naturalists. San Antonio, TX. Apr 15-17.

Rainer, A. and M.R.J. Forstner. 2004. Abstract. Phylogenetic reconstruction and genetic conservation of *Heloderma horridum*. 51<sup>st</sup> Annual meeting of the Southwestern Association of Naturalists. San Antonio, TX. Apr 15-17.

Burpo, N. and M.R.J. Forstner. 2004. Abstract. Differential growth rates due to variable protein diet in endangered turtles. Texas Academy of Science. Kerrville, TX. Mar 5-7.

Swannack, T.M. and M.R.J. Forstner. 2004. Abstract. A Possible Cause Of The Disparity In The Sex Ratio Of Adult Houston Toads. Texas Academy of Science. Kerrville, TX. Mar 5-7.

2003

Morris, S. R. and M.R.J. Forstner. 2003. Abstract. Systematics of locally endemic short-tailed shrews, Blarina (Insectivora: Soricidae), in Bastrop and Aransas counties, Texas. #234. American Society of Mammalogists. June 25, Lubbock, TX.

Swannack, T. and M.R.J. Forstner. 2003. Abstract. Distribution of Houston toads (*Bufo houstonensis*) in heterogeneous habitats. #138. February 28<sup>th</sup> Texas Academy of Sciences, Nacogdoches, TX.

Ahlbrandt, T.L. and M.R.J. Forstner. 2003. Abstract. Initial survey of abiotic pond characteristics potentially influencing successful Houston toad (*Bufo houstonensis*) reproduction. #1. February 28<sup>th</sup> Texas Academy of Sciences, Nacogdoches, TX.

Greuter, K. and M.R.J. Forstner. 2003. Abstract. Post-emergent biology of the Houston toad, *Bufo houstonensis*. #141. February 28<sup>th</sup> Texas Academy of Sciences, Nacogdoches, TX.

2002

Windham, M.K., M.B. Barnes, C. Fuqua, M.R.J. Forstner, and R.J.C. McLean. 2002. Abstract Q 281. Novel bacterial influence on microbial diversity in aquatic biofilms. 102<sup>nd</sup> Annual Meeting, American Society for Microbiology. Salt Lake City, UT. Q 281.

Mealey, B.K., G.M. Parks, J.D. Baldwin, M.R.J. Forstner 2002. Abstract. The ecology and demographics of the diamondback terrapin, *Malaclemys terrapin macrospilota* and *rhizophorarum* in south Florida. ASIH, Kansas City, KS, July 2002.

2001

Pastorini, J., Zaramody, A., Curtis, D.J., Martin, R.D. and Forstner, M.R.J. 2001. Abstract. Sympatric hybridisation between *Eulemur fulvus* and *E. mongoz*. 7th Congress of the German Primate Society. Folia Primatol. 72: 176.

- Dixon, J.D., M.R.J. Forstner, D.M. Garcia. 2001. Abstract. Cloning and characterization of rat alpha-actinin 3: A Phylogenetic investigation. American Soc. Cell Biol. Dec 2001. Washington D.C. Molecular Biology of the Cell 12: 286A-286A 1565 Supplement S
- Needham, J., M.R.J. Forstner, D.M. Garcia. 2001. Abstract. Cloning and characterization of rat alpha-actinin 3: Structural Analysis. American Soc. Cell Biol. Dec 2001. Washington D.C.
- Pastorini, J., A. Zaramody, D.J. Curtis, R.D. Martin, and M.R.J. Forstner. 2001. Abstract. Sympatric hybridization between *Eulemur fulvus* and *E. mongoz*. Gesellschaft für Primatologie. University of Zürich.
- Needham, J.N., D.M. Garcia, J.R. Koke, and M.R.J. Forstner. 2001. Abstract. Molecular characterization of a possible *alpha*-actinin isoform. 104<sup>th</sup> meeting of the Texas Academy of Sciences, March 2001.
- Dixon, J.D., M.R.J. Forstner, D.M. Garcia, and J.R. Koke. 2001. Abstract. Molecular genetic characterization of *alpha*-actinin isoforms. 104<sup>th</sup> meeting of the Texas Academy of Sciences, March 2001.
- Lanier, William, M.R.J. Forstner. 2001. Abstract. Identification of Houston toads using mtDNA sequences. 104<sup>th</sup> meeting of the Texas Academy of Sciences, March 2001. \*Winner best student presentation with cash award and subscription to the journal.
- Pastorini, J., R.D. Martin, and M.R.J. Forstner. 2001. Abstract. Phylogenetic relationships among Sifakas (Primates: *Propithecus*) based on mtDNA sequences. 104<sup>th</sup> meeting of the Texas Academy of Sciences, March 2001.
- 2000
- Mealey, B.K., G.M. Parks, and M.R.J. Forstner. 2000. Abstract. The ecology and demographics of the diamondback terrapin, *Malaclemys terrapin macrospilota* and *rhizophorarum* in South Florida. Second Workshop on the Ecology, Status, and Conservation of Diamondback Terrapins. Wetlands Institute, Stone Harbor, New Jersey. Oct 2000.
- Melnick, D.J., N. Andayani, B.J. Evans, M.R.J. Forstner, A.J. Tosi, D.T. The, W. Wang, B.M.M. Zain, and J.C. Morales. 2000. Abstract. Reconstructing the evolutionary history of Asian primates using mitochondrial, Y-Chromosome, and autosomal DNA sequences. American Journal of Physical Anthropology S30:227.
- Morales, J.C., W. Wang, B.M.M. Zain, C. Lehn, M.R.J. Forstner, D.J. Melnick. 2000. Abstract. Molecular phylogeny of the Colobines. Amer. J. Physical Anthropol. Suppl. 30:232.
- Miller, L.A., J.D. Baldwin, B.K. Mealey, G. Parks, and M.R.J. Forstner. 2000. Abstract. Storm mitigated dispersal events in *Malaclemys terrapin rhizophorarum*. Second workshop on the ecology, status, and conservation of diamondback terrapins. Wetlands Institute, Stone Harbor, New Jersey. Oct 2000.
- Pastorini, J., P. Ehresmann, E. Zimmermann, R.D. Martin, and M.R.J. Forstner. 2000. Abstract. Phylogenetic relationships within the lemur family Cheirogaleidae from mtDNA sequence analyses. American Journal of Physical Anthropology S30:246.
- Pastorini, J., M.R.J. Forstner, and R.D. Martin. 2000. Abstract. Molecular phylogeny of brown lemurs (*Eulemur fulvus*). Folia Primatologica 71:235-236.
- 1999
- White, C.M., C.G. Messing, M. Shivji, and M. Forstner. 1999. Abstract. Initial molecular phylogenetic survey of the Comasteridae (Crinoidea). Proceedings 10th International Echinoderm Conference, University of Otago, Dunedin, N.Z.
- Pastorini, J., M.R.J. Forstner, and R.D. Martin. 1999. Abstract. Molecular phylogenetics of Lemuridae. In: Abstracts from the Centenary Congress of the Anthropological Institute and Museum in Zürich. Zürich: University of Zürich. pg. 40.
- Pastorini, J., M.R.J. Forstner, and R.D. Martin. 1999. Abstract. Phylogenetic relationships among Lemuridae (Primates) inferred from DNA sequences. Revue Suisse de Zoologie 106:775-776.

- Morales, J.C., D.J. Melnick, M.R.J. Forstner, L.L. Rosenblum, B.J. Evans, Tosi, A.J., W. Wang, N. Andayani, J. Supriatna, and M. Nordin. 1999. Abstract. Areas of genetic endemism (AGE) in Southeast Asian primates. *Amer. J. Physical Anthropol.* S28:206.
- Parks, G., B. Mealey, and M.R.J. Forstner. 1999. Abstract. The ecology of the diamondback terrapin in South Florida. *In: G. L. Heinrich and P. A. Meylan, coordinators. A Second Symposium on the Status and Conservation of Florida Turtles and the 1999 Annual Meeting of the Gopher Tortoise Council, 8–11 October 1999, Eckerd College, St. Petersburg, Florida, USA.*
- Pastorini, J., M.R.J. Forstner, A. Zaramody, W. Scheffrahn, M.S. Clark, M. Waters, D.J. Curtis, and R.D. Martin. 1999. Abstract. Population genetic study of mongoose lemurs based on DNA sequences. *The Seventh World Conference on Breeding Endangered Species, Cincinnati, USA.* pg. 259.
- 1998
- Melnick, D.J., J.C. Morales, M.R.J. Forstner, L.L. Rosenblum, B. Evans, W. Wang, A. Adnan, N. Andayani, J. Supriatna, and M. Nordin. 1998. Abstract. Conservation units, management units and genetic endemism in Southeast Asian primates and other large mammals. VII international Congress of Ecology. Special symposium - Gene Conservation: Identification and Management of Genetic Diversity. USGS sponsor, July 1998.
- Melnick, D.J., J.C. Morales, M.R.J. Forstner, L.L. Rosenblum, B.J. Evans, W. Wang, N. Andayani, J. Supriatna, and M. Nordin. 1998. Abstract. Conservation of genetic endemism in Southeast Asian primates. XVIIth Congress of the International Primatological Society. University of Antananarivo, Madagascar. August 1998.
- Pastorini, J. and M.R.J. Forstner. 1998. Abstract. Phylogenetic study of the family Lemuridae based on DNA sequences. XVIIth Congress of the International Primatological Society. University of Antananarivo, Madagascar. August 1998.
- Pastorini, J., M.R.J. Forstner, R.D. Martin, and D.J. Melnick. 1998. Abstract. Morphology and molecules in conflict: the phylogenetic relationship of *Callimico* within the Callitrichidae. *Revue Suisse de Zoologie* 105:756.
- Pastorini, J., M.R.J. Forstner, R.D. Martin, and D.J. Melnick. 1998. Abstract. Morphology and molecules in conflict: the phylogenetic relationship of *Callimico* within the Callitrichidae. *Folia Primatologica.* 69:237.
- Perez-Sweeney, B., M.R.J. Forstner, C. Valladares-Padua, and D.J. Melnick. 1998. Abstract. A preliminary examination of the taxonomy of *Leontopithecus* using mitochondrial ND4 and D-Loop sequences. XVIIth Congress of the International Primatological Society. University of Antananarivo, Madagascar. August 1998.
- 1997
- Forstner, J.M., M.R.J. Forstner, and S.K. Davis. 1997. Abstract. Identification of hybrid crocodiles using high resolution molecular markers. IUCN crocodile Specialist group. Villahermosa, Mexico. July 1997.
- Pastorini, J., M.R.J. Forstner, R.D. Martin, and D.J. Melnick. 1997. Abstract. Molecular phylogeny of the Callitrichidae (Platyrrhini, Primates) based on mitochondrial DNA sequences. 9th International Congress of Genes, Gene Families, and Isozymes, San Antonio, TX (USA). April 1997. *Recipient Student/Postdoctoral Assistance Award.*
- 1996
- Forstner, M.R.J., W. Wang, and L. Rosenblum. 1996. Abstract. Molecular phylogeny of the Asian Leaf monkeys from mtDNA sequence data analyses. XVI Congress of the International Primatological Society, Madison, WI (USA). #578. August 1996.
- Lehn C.A., M.R.J. Forstner, D.J. Melnick, S.K. Davis and J.F. Taylor. 1996. Abstract. Testing the African refuge theory: A genetic approach. *In: Proc. XVIth Congress of the International Primatological Society and XIXth Conference of the American Society of Primatologists, August 11-16, Madison, Wisconsin.* #788. August 1996.

- Pastorini, J. and M.R.J. Forstner. 1996. Abstract. Molecular evidence for the phylogenetic position of *Callimico goeldii* among platyrrhines based on mitochondrial DNA sequences, XVI Congress of the International Primatological Society, Madison, WI (USA). #782. August 1996.
- Wang, W., M.R.J. Forstner, and D.J. Melnick. 1996. Abstract. Phylogenetic relationships among Chinese leaf monkeys from analyses of mtDNA sequences. XVI Congress of the International Primatological Society, Madison, WI (USA). #579. August 1996.
- 1995
- Forstner, M.R.J., S.K. Davis, D. Barker, and T. Barker. 1995. Abstract. Phylogenetic analysis of the Henophidia using mitochondrial DNA sequence data. ASIH. A135:105.

#### 4. Reports:

##### 2011

- Crump, P.S., L.L. Howard, M.M. Marin, and M.R.J. Forstner. 2011. **Annual Report**. Houston toad *ex situ* Conservation. Submitted to the United States Fish and Wildlife Service. 24pgs
- Forstner, M.R.J., J. Bell, D. Wallace, J.T. Jackson and D. Brown. 2011. **Final report**. Houston toad 2011 data and final report for the CAC-Griffith League Ranch & Lost Pines Scout Reservation, Bastrop County, TX. Submitted to the CAC-BSA and United States Fish and Wildlife Service. 12pgs.
- Forstner, M.R.J., D. Wallace, J. Bell, D. Stout and J. Jackson. 2011. **Final report**. Houston toad 2011 data and final report for the LPHCP annual monitoring program, Bastrop County, TX. Submitted to Bastrop County and United States Fish and Wildlife Service. 15pgs.
- Vandewege, M.W., M.C. Jones, and M.R.J. Forstner. 2011. **Interim Report**. Conservation and management practices and strategies for an endangered amphibian: Testing head-starting efficiency and habitat preference or suitability for the Houston toad (*Bufo houstonensis*). Submitted to TPWD and USFWS, Oct 24, 2011. 44pgs.
- Mali, I., D.J. Brown, M. Jones, J.R. Dixon, and M.R.J. Forstner. 2011. **Final Report**. Assessing Texas Freshwater Turtle Populations: Project status and results from selected studies. Submitted to TPWD Oct 20, 2011. 83pgs
- Brown, D. and M.R.J. Forstner. 2011. **Interim Report Amendment**. Detection of fine scale outcomes from prescribed fire relevant to the endangered Houston toad (*Bufo houstonensis*) within the Lost Pines ecoregion of Texas: post-wild fire assessment (Amendment 1). Submitted to TPWD and USFWS, Oct 16, 2011. 4pgs.
- Brown, D. and M.R.J. Forstner. 2011. **Interim Report**. Detection of fine scale outcomes from prescribed fire relevant to the endangered Houston toad (*Bufo houstonensis*) within the Lost Pines ecoregion of Texas. Submitted to TPWD and USFWS, Oct 16, 2011. 24pgs.
- Jones, M. and M.R.J. Forstner. 2011. **Final Report**. Houston toad (*Bufo houstonensis*) monitoring 2011 data and final report for Bastrop State Park, Bastrop County, Texas. Submitted to TPWD Aug 5, 2011. 11pgs.
- Forstner, M.R.J., M.F. Small, J.A. Veech, and J.R. Dixon. 2011. **Report**. Data from field work, land cover change, and museum records of *Holbrookia lacerata* in Texas. Submitted to USFWS, July 25<sup>th</sup> 2011. 7pg.
- Chumchal, M. K. Jobe, A. Jacobsen, and M.R.J. Forstner. 2011. **Final Report**. Survey of mercury contamination in three species of Texas turtles and development of a non-lethal sampling technique. . Submitted to the Ft. Worth Zoo and Texas Parks and Wildlife Department. 8pgs.

Forstner, M.R.J., M. Vandeweghe, M. Jones, and A. Feltoon. 2011. Final Report. An assessment of the population genetics of *Heloderma horridum* useful for guidance in management of the captive populations. Jan Johnson, Arizona-Sonora Desert Museum/American Zoo & Aquarium Association. 21pgs.

2010

Mali, I., J. Jackson, D. Brown, J.R. Dixon, and M.R.J. Forstner. 2010. Annual Report. Assessing Texas Freshwater Turtle populations, Big Bend National Park. Submitted to Raymond Skiles, Big Bend National Park and the National Park Service. 10pgs.

Crump, P.S., L.L. Howard, M.R.J. Forstner. 2010. Annual Report. Houston toad *ex situ* Conservation. Submitted to the United States Fish and Wildlife Service. 17pgs

Forstner, M.R.J. and D.J. McHenry. 2010. Final report. Genetic characterization of Eurycea salamanders from Jacobs Well, Hays County, Texas. Final Report submitted to the Coypu Foundation, New Orleans, Louisiana and the River Systems Institute, Texas State University, San Marcos, Texas State University Dec 15, 2010. 24pgs.

Forstner, M.R.J., J. Jackson and J. Bell. 2010. Final report. Houston toad monitoring: 2009 data and final report for Jim Small family tract, Bastrop County, TX. Submitted to the Small Family and United States Fish and Wildlife Service. 11pgs.

Forstner, M.R.J., J. Bell, and J. Jackson. 2010. Final report. Houston toad monitoring: 2009 data and final report for the Long Family tract, Bastrop County, TX. Submitted to the Long Family and United States Fish and Wildlife Service. 11pgs.

Forstner, M.R.J. and D.J. Stout. 2010. Final report. Houston toad monitoring: 2010 data and final report for Musgrave family tract, Bastrop County, TX. Submitted to the Musgrave family and United States Fish and Wildlife Service. 11pgs.

Forstner, M.R.J., D. Brown, J. Jackson, D.J. Stout and J. Bell. 2010. Final report. Houston toad monitoring: 2010 data and final report for the CAC-Griffith League Ranch & Lost Pines Scout Reservation, Bastrop County, TX. Submitted to the CAC-BSA and United States Fish and Wildlife Service. 12pgs.

Forstner, M.R.J. and J. Bell. 2010. Final report. Houston toad monitoring: 2010 data and final report for LCRA, Bastrop County, TX. Submitted to LCRA and United States Fish and Wildlife Service. 14pgs.

Forstner, M.R.J. and D.J. Stout. 2010. Final Report. Minimizing Wildlife-Motorist Interactions, 2010 Cumulative Report for IAC 14-7XXIA001. Report submitted to Cal Newnam, TXDOT. 14pgs.

Forstner, M.R.J. and J. T. Jackson. 2010. Final report. Houston toad 2010 data and final report for the Lost Pines Habitat Conservation Plan monitoring, Bastrop County, TX. Submitted to Bastrop County and United States Fish and Wildlife Service. 17pgs.

Brown, D. and M.R.J. Forstner. 2010. Interim Report. Detection of fine scale outcomes from prescribed fire relevant to the endangered Houston toad (*Bufo houstonensis*) within the Lost Pines ecoregion of Texas. Submitted to TPWD and USFWS Aug 22, 2010. 22pgs.

Mali, I., J. Jackson, D. Brown, J.R. Dixon, and M.R.J. Forstner. 2010. Interim report. Assessing Texas Freshwater Turtle Populations: Project status and results from selected studies. Submitted to TPWD Sept 10, 2010. 46pgs.

Forstner, M.R.J. and V. Farallo. 2010. Final Report. Houston toad habitat suitability assessment for the Cross county water supply pipeline project in Lee and Burleson counties, Texas. Submitted April 19, 2010 to Aci consulting, Austin TX. 55pgs.

Forstner, M.R.J. and J.R. Dixon. 2010. Final Report. Houston toad (*Bufo houstonensis*) 5-Year review: Summary and evaluation. Submitted to TPWD and USFWS March 30, 2010. 64pgs.

2009

- Forstner, M.R.J. and V. Farallo. 2009. Final Report. Explicit tests of color morph predation on rock rattlesnake models. Annual Report submitted to BBNP, NPS December 18, 2008. 62pgs.
- Forstner, M.R.J., J. Jackson, and J.R. Dixon. 2009. Annual Report. 2009 Monitoring of the Big Bend slider (*Trachemys gaigeae*). Annual Report submitted to BBNP, NPS December 18, 2008. 2pgs.
- Forstner, M.R.J. and V. Farallo. 2009. Final Report. Explicit tests of color morph predation on rock rattlesnake models. Annual Report submitted to ANRA, NPS December 18, 2008. 62pgs.
- Forstner, M.R.J., D. Foley, and J.R. Dixon. 2009. Annual Report. 2009 Monitoring of the Rio Grande river cooter (*Pseudemys gorzugi*) in Lake Amistad. Annual Report submitted to ANRA, NPS December 18, 2008. 2pgs.
- Forstner, M.R.J., P. Crump, and D. Hahn. 2009. Final Report. Preventing Extinction: *In situ* and *ex situ* critical conservation stewardship in the Houston toad. Annual report submitted to the USFWS Dec 14, 2009. 22pgs.
- Crump, P., J.P. Flanagan, and M.R.J. Forstner. 2009. Annual Report. Houston toad *ex situ* Conservation permit report. Annual report submitted to the USFWS Dec 15, 2009. 20pgs.
- Forstner, M.R.J. and D.J. Stout. 2009. Final report. Houston toad monitoring: 2009 data and final report for Musgrave family tract, Bastrop County, TX. Submitted to the Musgrave family and United States Fish and Wildlife Service. 13pgs.
- Forstner, M.R.J. and J. Bell. 2009. Final report. Houston toad monitoring: 2009 data and final report for LCRA, Bastrop County, TX. Submitted to LCRA and United States Fish and Wildlife Service. 13pgs.
- Forstner, M.R.J. and J. Bell. 2009. Final report. Houston toad monitoring: 2009 data and final report for Bluebonnet Headquarters, Bastrop County, TX. Submitted to Bluebonnet Electric and United States Fish and Wildlife Service. 13pgs.
- Forstner, M.R.J. and J. Bell. 2009. Final report. Houston toad monitoring: 2009 data and final report for Jim Small family tract, Bastrop County, TX. Submitted to the Small Family and United States Fish and Wildlife Service. 12pgs.
- Forstner, M.R.J. and J. Bell. 2009. Final report. Houston toad monitoring: 2009 data and final report for the Long Family tract, Bastrop County, TX. Submitted to the Long Family and United States Fish and Wildlife Service. 12pgs.
- Schultz, A. and M.R.J. Forstner. 2009. Final report. 2009 Replication of 1976 Freshwater Turtle Population Study At Santa Ana National Wildlife Refuge. Submitted to Santa Ana National Wildlife Refuge. 10pgs.
- Schultz, A. and M.R.J. Forstner. 2009. Final report. 2009 Replication of 1976 Freshwater Turtle Population Study At Laguna Atascosa National Wildlife Refuge. Submitted to Laguna Atascosa National Wildlife Refuge. 7pgs.
- Forstner, M.R.J., D. Brown, J. Jackson, and J. Bell. 2009. Final report. Houston toad monitoring: 2009 data and final report for the CAC-Griffith League Ranch, Bastrop County, TX. Submitted to the CAC-BSA and United States Fish and Wildlife Service. 12pgs.
- Forstner, M.R.J. 2009. Final report. Houston toad 2009 data and final report for the Lost Pines Habitat Conservation Plan monitoring, Bastrop County, TX. Submitted to Bastrop County and United States Fish and Wildlife Service. 16pgs.
- Forstner, M.R.J. and D.J. Stout. 2009. Annual Report. Minimizing Wildlife-Motorist Interactions. Annual Report submitted to Cal Newnam, Sept, 10, 2009. TXDOT. 12pgs.
- McHenry, D.J. and M.R.J. Forstner. 2009. Final report. Houston toad metapopulation assessment and genetics: Data necessary for effective recovery strategies in a significantly fragmented landscape. Final report for Section 6 project #E-76 submitted to Texas Parks and Wildlife Department, Aug 31, 2009. 109pgs.

- Forstner, M.R.J., A. Schultz, D. Brown, B.E. Dickerson, and J.R. Dixon. 2009. Annual report. Assessing freshwater turtle populations: (Part 1) Project status and results from selected studies. Annual report submitted to Texas Parks and Wildlife Department, Aug 19, 2009. 19pgs.
- Dickerson, B.E., D. Brown, A. Schultz, J.R. Dixon, and M.R.J. Forstner. 2009. Annual report. Assessing freshwater turtle populations: (Part 2) Road densities and their effect on the red-eared slider in the lower Rio Grande valley. Annual report submitted to Texas Parks and Wildlife Department, Aug 19, 2009. 21pgs.
- Schultz, A., D. Brown, B.E. Dickerson, J.R. Dixon, and M.R.J. Forstner. 2009. Annual report. Short-term variability and Long-term changes in south Texas freshwater turtle populations. Annual report submitted to Texas Parks and Wildlife Department, Aug 19, 2009. 50pgs.
- Forstner, M.R.J., J. Jackson, and J. Bell. 2009. Final report. Houston toad monitoring: 2008 data and final report for the CAC-Griffith League Ranch, Bastrop County, TX. Submitted to the CAC-BSA and United States Fish and Wildlife Service. 10pgs.
- Forstner, M.R.J. and J. Jackson. 2009. Final report. Houston toad monitoring: 2008 data and final report for the Musgrave Family tract, Bastrop County, TX. Submitted to the Musgrave Family and United States Fish and Wildlife Service. 7pgs.
- Forstner, M.R.J. and J. Jackson. 2009. Final report. Houston toad monitoring: 2008 data and final report for the Long Family tract, Bastrop County, TX. Submitted to the Long Family and United States Fish and Wildlife Service. 7pgs.
- Forstner, M.R.J. and J. Bell. 2009. Final report. Houston toad monitoring: 2008 data and final report for South Shore Woods, Bastrop County, TX. Submitted to the Small Family and United States Fish and Wildlife Service. 7pgs.
- Forstner, M.R.J. and J. Bell. 2009. Final report. Houston toad monitoring: 2008 data and final report for the Small Family tract, Bastrop County, TX. Submitted to the Small Family and United States Fish and Wildlife Service. 7pgs.
- Forstner, M.R.J. and J. Bell. 2009. Final report. Houston toad monitoring: 2008 data and final report for Bluebonnet Headquarters, Bastrop County, TX. Submitted to Bluebonnet Electric and United States Fish and Wildlife Service. 7pgs.
- 2008
- Forstner, M.R.J., J. Bell, J. Jackson, and J.R. Dixon. 2008. Annual Report. 2008 the Big Bend slider (*Trachemys gaigeae*) monitoring: Evaluation of the exotic turtle threat to the Big Bend slider and continued test of mitigation strategies. Annual Report submitted to Raymond Skiles, BBNP, NPS December 15, 2008. 8pgs.
- Crump, P., M.R.J. Forstner, L. Howard, and M. Strausser. 2008. Annual Report. Houston toad annual ex situ conservation permit report. Annual report submitted to the USFWS Dec 15, 2008. 14pgs.
- Forstner, M.R.J. 2008. Annual Report. Rangewide status of the Houston toad and genetic results from the Concho watersnake. Annual Report submitted to the USFWS Dec 6, 2008. 15pgs.
- Forstner, M.R.J., J. Bell, J. Jackson, and J.R. Dixon. 2008. Annual Report. Minimizing Wildlife-Motorist Interactions. Annual Report submitted to Cal Newnam, TXDOT. 30pgs.
- Duvall-Jisha, J., A.W. Blair, M.R.J. Forstner. 2008. Annual Report. Arthropod diversity under fire ant broadcast treatment. Annual Report submitted to Cal Newnam, TXDOT. 12pgs.
- Forstner, M.R.J., D. J. Brown, B. S. Mirza, Y. Zhang, D. Hahn, F. Weckerly, R. Simpson, J. R. Dixon, J. Koukl, J. Johnson, J. Flanagan, D. Foley, C. J. Franklin. 2008 Interim Report. Assessing Texas' freshwater turtles. Contract 188771. Submitted to TPWD, Sept 20, 2008. 6pgs.
- Forstner, M.R.J., D. J. McHenry, M. Gaston, J. Bell, J.T., Jackson, P. Crump, and J.R. Dixon. Annual Report. Houston toad metapopulation assessment and genetics: Data necessary for effective recovery strategies in a significantly fragmented landscape. Submitted to TPWD/USFWS, Sept 19, 2008. 9pgs

- Brown, D.J., J.R.Dixon, and M.R.J. Forstner. 2008. Annual Report. The result of three decades of change in the lower Rio Grande Valley of Texas on freshwater turtle populations. Submitted to TPWD/Ft. Worth Zoo, Sept 6, 2008. 167pgs
- Forstner, M.R.J. and D.J. Stout. Final Technical Report. Houston toad surveys, East of Highway 21 in Bastrop County, TX. Submitted to ERM, May 3, 2008. 17pgs
- 2007
- Forstner, M.R.J., D.J. McHenry, M. Gaston, L. Villalobos, P. Crump, S. McCracken, J.T. Jackson, T. Swannack, J. Bell, J. Gaertner, S. Mays, D. Hahn, and J.R. Dixon. 2007. Final Technical Report. The Houston toad 2007: Annual research and monitoring. Submitted to the USFWS and our collaborating partners. 20pgs.
- Jackson, J. M.R.J. Forstner, and J.R. Dixon. 2007. Final Technical Report. Evaluation of hybridization and introgression of *Trachemys gaigeae* and *Trachemys scripta* in Big Bend National Park” PMIS Number: 94616. Submitted to Raymond Skiles, Big Bend National Park. 18pgs.
- Bell, J. and M.R.J. Forstner. 2007. Technical Report. *Felis catus* not *Herpailurus yaguarondi* found at Lake Amistad. Submitted to National Park Service Amistad National Recreation Area, United State Fish and Wildlife Service & Dan Foley, SRSU Rio Grande College. 2pgs.
- Forstner, M.R.J., D.J. McHenry, J.T. Jackson, S. McCracken, M. Gaston, P. Crump, and J.R. Dixon. 2007. Annual Report. Houston toad metapopulation assessment and genetics: Data necessary for effective recovery strategies in a significantly fragmented landscape. Annual report submitted to TPWD/USFWS. 8pgs.
- Forstner, M.R.J., J. Jackson, T. Swannack, and D. Wolfe. 2007. Final Technical Report. Livestock and Stewardship of the Houston toad. Final Technical Report submitted to TPWD/USFWS. 25pgs.
- Forstner, M.R.J., J. Bell, S. McCracken, and J.R. Dixon. 2007. Annual Report. Minimizing Wildlife-Motorist Interactions. Annual Report submitted to Cal Newnam, TXDOT. 14pgs.
- Forstner, M.R.J., A. Blair, J. Jisha. 2007. Annual Report. Arthropod diversity under fire ant broadcast treatment. Annual Report submitted to Cal Newnam, TXDOT. 15pgs.
- Dixon, J.R. and M.R.J. Forstner. 2007. Final Technical Report. Survey of amphibians and reptiles of west side of Highway 281 at its junction with park road 4, for Capitol Aggregates, Inc. Austin TX. Submitted to Ken Prince, Capitol Aggregates, Inc., Austin, TX. 4pgs.
- Forstner, M.R.J. and P. Diaz. 2007. Final Technical Report. Arthropod survey results from west Honey Creek, Burnet County, Texas. Submitted to Ken Prince, Capitol Aggregates, Inc., Austin, TX. 19pgs.
- Jackson, J., M.R.J. Forstner, and J.R. Dixon. 2007. Final Technical Report: Evaluation of hybridization and introgression of *Trachemys gaigeae* and *Trachemys scripta* in Big Bend National Park. 27pgs.
- 2006
- Jackson, J., M.R.J. Forstner, and J.R. Dixon. 2006. Interim report (Fall 2006): Evaluation of hybridization and introgression of *Trachemys gaigeae* and *Trachemys scripta* in Big Bend National Park. 14pgs.
- Forstner, M.R.J. 2006. Final Technical Report. Private lands stewardship and habitat enhancement for the Houston toad in NE Bastrop County, Texas: Multi-year summary findings (2004-2006) and Final report of the Daniel Property, Bastrop County, TX Houston Toad Survey 2006. Submitted to Mark Daniel and Environmental Defense. Sept 1, 2006. 11pgs.
- Forstner, M.R.J. 2006. Technical Report. Current Status of the Houston Toad: A summary of recent research and field determinations with solutions for recovery of the species by programs of active stewardship. Five year review federal report. Submitted to the USFWS. Oct 9, 2006. 18pgs.



- Forstner, M.R.J. 2006. Final Technical Report. Detection of Houston toads in NE Bastrop County, Texas: Final report of the Daniel Property, Bastrop County, TX Houston Toad Survey 2005 submitted to Mark Daniel and Environmental Defense. 7pgs.
- Forstner, M.R.J. 2006. Final Technical Report. Evaluation of the potential for Houston toad occurrence in Southeast Limestone County, Texas. Submitted to HDR Engineering, Inc. 11pgs.
- Forstner, M.R.J. 2006. Final Technical Report. Houston toad monitoring: 2005 data and final report for the CAC-Griffith League Ranch, Bastrop County, TX. Submitted to the CAC-BSA and United States Fish and Wildlife Service. 10pgs.
- Forstner, M.R.J. 2006. Final Technical Report. Initial assessment and 2006 ecological monitoring of the Houston toad for the Pines and Prairies Land Trust, South Shore Woods, Bastrop County, Texas. Submitted to Pines and Prairies Land Trust. 10pgs.
- Forstner, M.R.J. 2006. Technical Report. Metapopulation connectivity goals for the Houston toad (*Bufo houstonensis*) breeding groups in Bastrop and Lee Counties, Texas. Submitted to Cal Newnam, Texas Department of Transportation (TXDOT). 7 pgs.
- Forstner, M.R.J. and A.W. Blair. 2006. Annual Technical Report. Fire ant control measures and the non-target arthropod community during roadway construction. 2006 Annual Report for IAC 14-6XXIA008. Submitted to TXDOT. 12pgs.
- Forstner, M.R.J. and J.Bell. 2006. Annual Technical Report. Minimizing Wildlife motorist interactions. 2006 Annual Report for IAC 14-6XXIA006. Submitted to TXDOT. 20pgs.
- Forstner, M.R.J. and J.T. Jackson. 2006. Final Technical Report. Final Report of the Blue Bonnet Headquarters Tract, Bastrop County, TX Houston Toad Survey 2006. Submitted to Blue Bonnet Electric Co-op. 7pgs.
- Forstner, M.R.J. and J.T. Jackson. 2006. Final Technical Report. Final Report of the Small Property, Bastrop County, TX Houston Toad Survey 2006. Submitted to Jim Small and Environmental Defense. 5pgs.
- Forstner, M.R.J. and J.T. Jackson. 2006. Final Technical Report. Houston toad monitoring and 2006 data for the Griffith League Ranch and Lost Pines Scout Reservation, Bastrop County, TX Houston Toad Survey 2006. Submitted to the CAC-BSA and Environmental Defense. 13pgs.
- Forstner, M.R.J. and J.T. Jackson. 2006. Final Technical Report. Final Report of the Long Property, Bastrop County, TX Houston Toad Survey 2006. Submitted to Bob Long and Environmental Defense. 8pgs.
- Forstner, M.R.J., M.C. Jones, F.W. Weckerly, and T.R. Simpson. 2006. Final Technical Report. Small mammal response to prescribed fire in Bastrop State Park, Bastrop, Texas. Submitted to D. Riskind Texas Parks and Wildlife Department. Aug 30, 2006. 33pgs.
- Forstner, M.R.J., S.Reilly, and J.R. Dixon. 2006. Final Technical Report. Persistence and distribution of *Nerodia harteri* in Texas river systems. Submitted to Robert Pine, USFWS. May 18, 2006. 23pgs.
- Freese and Nichols, Inc., et al. (65 contributors including myself). 2006. Final Ecosystem Restoration Plan. Upper Colorado River Watershed Restoration and Management plan. 498pgs. w/Appendices A-I.
- Loomis Austin, KES Consulting, and M.R.J. Forstner. County Wide Habitat Conservation Plan. Lost Pines Habitat Conservation Plan for Bastrop County, Texas, Vol 1: Habitat Conservation Plan. Submitted to the USFWS on behalf of Bastrop County, Dec 12 2006. 170pgs.
- 2005
- Jones, M. and M.R.J. Forstner. 2005. Technical Report. Small mammal population variation between unburned and previously burned tracts of Bastrop State Park, Bastrop County, Texas. Submitted to the Texas Parks and Wildlife Department. Nov 8, 2005. 14pgs.

- Forstner, M.R.J., J.T. Jackson, and T.M. Swannack. 2005. Final Technical Report. Final Report of the Long Property, Bastrop County, TX Houston Toad Survey 2005. Submitted to Bob Long and Environmental Defense. 13pgs.
- Jackson, J., J.R. Dixon, and M.R.J. Forstner. 2005. Technical Report. Big Bend Slider (*Trachemys gaigeae*) Research, Big Bend National Park (2005). Submitted to the NPS. Sept 16, 2005. 7pgs.
- Reilly, S.M., J.R. Dixon, and M.R.J. Forstner. 2005. Technical Report. Population status and genetic context of *Nerodia harteri* and in the Colorado and Brazos river systems. Submitted to the USFWS. Sept 16, 2005. 13pgs.
- Ferguson, A.W., M.M. McDonough, and M.R.J. Forstner. 2005. Final Technical Report. Herpetofaunal diversity of the Texas Army National Guard's Camp Mabry, Austin Texas May 2004 – May 2005. Submitted to Dawn Johnson, Texas Army National Guard. Aug 30, 2005. 47pgs.
- McDonough, M.M., A.W. Ferguson, and M.R.J. Forstner. 2005. Final Technical Report. Baseline Mammalian Survey of Camp Mabry: Texas Army National Guard Training Site, Austin, Texas September 2003 – September 2004. Submitted to Dawn Johnson, Texas Army National Guard. March 14, 2005. 45pgs.
- 2004
- Forstner, M.R.J., L. Bailey, S. Ferrell, J.R. Dixon, and R. Hudson. Population status, genetic structure, and ecological aspects of the Rio Grande River Cooter (*Pseudemys gorzugi*) in Texas. 2004. Final Technical Report. Submitted to the NonGame Division of Texas Parks and Wildlife Department. Dec 1, 2004. 69pgs.
- Forstner, M.R.J. 2004. Safe harbor habitat restoration and metapopulation connectivity goals for the Houston toad on the LCRA/Lost Pines Scout Reservation. Final Technical Report. Submitted to the BSA/CAC and USFWS. Dec 1, 2004. 13pgs.
- Forstner, M.R.J. and T.M. Swannack. (eds.) 2004. The Houston toad in Context. Final Technical Report. Submitted to the Capitol Area Council, Boy Scouts of America and Texas Parks and Wildlife Department in completion of United State Fish and Wildlife Service Section 6 Grant "Habitat use of the Houston toad." 746pgs.
- Koepf, P., J.R. Dixon and M.R.J. Forstner. 2004. Final Technical Report. Introduction to the Houston toad and its sympatric fauna and flora with a description of the Study Area (Griffith League Ranch, Bastrop Co., TX). Pgs iii-xv. *In*: Forstner, M.R.J. and T. Swannack. (eds.) The Houston toad in Context. Final Project report submitted to TPWD/USFWS. 746pgs.
- Swannack, T.M., S.R. Morris, J.T. Jackson, A.D. Rainer and M.R.J. Forstner. 2004. Final Technical Report. Activity patterns of the dominant herpetofauna of the Griffith League Ranch with emphasis on the Houston toad. Pgs 1:1-22. *In*: Forstner, M.R.J. and T. Swannack. (eds.) The Houston toad in Context. Final Project report submitted to TPWD/USFWS. 746pgs.
- Swannack, T.M. and M.R.J. Forstner. 2004. Final Technical Report. Spatial distribution and habitat associations of Adult Houston Toads. Pgs 1:22-31. *In*: Forstner, M.R.J. and T. Swannack. (eds.) The Houston toad in Context. Final Project report submitted to TPWD/USFWS. 746pgs.
- Swannack, T.M. and M.R.J. Forstner. 2004. Final Technical Report. Population dynamics of adult Houston Toads. Pgs 1:31-37. *In*: Forstner, M.R.J. and T. Swannack. (eds.) The Houston toad in Context. Final Project report submitted to TPWD/USFWS. 746pgs.
- Swannack, T.M. and M.R.J. Forstner. 2004. Final Technical Report. A Possible cause for the disparity in the sex ratio of the explosively breeding Houston Toad. Pgs 1:37-48. *In*: Forstner, M.R.J. and T. Swannack. (eds.) The Houston toad in Context. Final Project report submitted to TPWD/USFWS. 746pgs.
- Greuter, K.L. and M.R.J. Forstner. 2004. Final Technical Report. The Importance of juvenile ecology in the conservation and management of the Houston Toad. Pgs 2:1-11. *In*: Forstner,

- M.R.J. and T. Swannack. (eds.) The Houston toad in Context. Final Project report submitted to TPWD/USFWS. 746pgs.
- Greuter, K.L. and M.R.J. Forstner. 2004. Final Technical Report. Field Techniques that aid in the determination of Houston Toad, *Bufo houstonensis*, juvenile survivorship. Pgs 2:11-29. *In: Forstner, M.R.J. and T. Swannack. (eds.) The Houston toad in Context. Final Project report submitted to TPWD/USFWS. 746pgs.*
- Greuter, K.L. and M.R.J. Forstner. 2004. Final Technical Report. Post-metamorphic bioecology of the juvenile Houston Toad, *Bufo houstonensis*. Pgs 2:29-71. *In: Forstner, M.R.J. and T. Swannack. (eds.) The Houston toad in Context. Final Project report submitted to TPWD/USFWS. 746pgs.*
- Greuter, K.L. and M.R.J. Forstner. 2004. Final Technical Report. Conservation implications of survivorship techniques and juvenile ecology in the Houston Toad, *Bufo houstonensis*. Pgs 2:71-81. *In: Forstner, M.R.J. and T. Swannack. (eds.) The Houston toad in Context. Final Project report submitted to TPWD/USFWS. 746pgs.*
- Swannack, T.M. and M.R.J. Forstner. 2004. Final Technical Report. Juvenile spatial distribution based on fluorescent tracking. Pgs 2:81-83. *In: Forstner, M.R.J. and T. Swannack. (eds.) The Houston toad in Context. Final Project report submitted to TPWD/USFWS. 746pgs.*
- Jackson, J.T., S.R. Morris and M.R.J. Forstner. 2004. Final Technical Report. Effects of various levels of predation and abiotic factors on the survivorship of bufonid tadpoles. Pgs 3:1-13. *In: Forstner, M.R.J. and T. Swannack. (eds.) The Houston toad in Context. Final Project report submitted to TPWD/USFWS. 746pgs.*
- Ferguson, A.W. and M.R.J. Forstner. 2004. Final Technical Report. Active predation of pitfall traps at a study site for the endangered Houston Toad. Pgs 4:1-11. *In: Forstner, M.R.J. and T. Swannack. (eds.) The Houston toad in Context. Final Project report submitted to TPWD/USFWS. 746pgs.*
- Morris, S.R. and M.R.J. Forstner. 2004. Final Technical Report. Systematics of locally endemic populations of Short-Tailed Shrews, *Blarina* (Insectivora: Soricidae), in Bastrop and Aransas Counties, Texas. Pgs 6:1-87. *In: Forstner, M.R.J. and T. Swannack. (eds.) The Houston toad in Context. Final Project report submitted to TPWD/USFWS. 746pgs.*
- Forstner, M.R.J. and T.M. Swannack. 2004. Final Technical Report. Final Report of the Long Property, Bastrop County, TX Houston Toad Survey 2004. Submitted to Bob Long and Environmental Defense. 5pgs.
- Forstner, M.R.J. and T.M. Swannack. 2004. Final Technical Report. Final Report of the Small Property, Bastrop County, TX Houston Toad Survey 2004. Submitted to Jim Small and Environmental Defense. 6pgs.
- Forstner, M.R.J. 2004. Final Technical Report. Final Report of the Daniel Property, Bastrop County, TX Houston Toad Survey 2004. Submitted to Mark Daniel and Environmental Defense. 5pgs.
- Forstner, M.R.J. 2004. Final Technical Report. Final report of the DNA analysis of unknown tadpole samples from Robertson County. Submitted to Loomis Austin, Inc. in fulfillment of Tadpole DNA analysis 2004. 5pgs.
- Forstner, M.R.J. 2004. Final Technical Report. Compilation of Houston toad survey data and interpretation supporting a zero baseline assessment for the Lost Pines Reservation in Bastrop County, TX. Submitted to the USFWS. Aug 1, 2004. 7 pgs.
- Forstner, M.R.J. 2004. Final Technical Report. Survey for Houston Toads in Robertson County in May 2004, using both field and subsequent molecular methods. Submitted to Loomis Austin, Inc. 5pgs.
- 2003
- Forstner, M.R.J. 2003. Final Technical Report. Final report of the 2003 Bastrop County coordinated Houston toad surveys. Bastrop County Citizen's Workgroup. 12pgs.

- Forstner, M.R.J., T.M. Swannack, K.L. Greuter, and S.R. Morris. 2003. Final Technical Report. Houston toad research and surveys: 2003 data and final report for the CAC-Griffith League Ranch, Bastrop County, TX. Texas Parks and Wildlife and United State Fish and Wildlife Service. 18pgs.
- Forstner, M.R.J. and T. Swannack. 2003. Final Technical Report. Final report of the Long Property, Bastrop County, TX, Houston toad survey. Environmental Defense. 5pgs.
- 2002
- Swannack, T.M. and M.R.J. Forstner. 2002. Final Technical Report. Houston Toad (*Bufo houstonensis*) Habitat Assessment Off System Bridge Replacement FWHA CR 525 (Milam CR 364) at Little River, Milam County, TX. Texas Department of Transportation. 5 pg.
- Forstner, M.R.J. 2002. Final Technical Report. Houston Toad Survey: Long Property, Bastrop County, TX. Environmental Defense, Austin, TX. 8 pg.
- Forstner, M.R.J. 2002. Final Technical Report. Houston toad audio survey: ColoVista. Submitted to ColoVista properties, Bastrop County, TX. 6 pg.
- Bates, C.L., M.R.J. Forstner, M.B. Barnes, M. Whiteley, J. Pastorini, and R.J.C. McLean. 2002. Abstract. Population analysis of aquifer biofilm isolates. Texas Branch spring meeting, American Society for Microbiology. San Antonio, TX.
- Forstner, M.R.J. 2002. Final Technical Report. Houston toad research and surveys: CAC-Lost Pines & Griffith League Ranch, Bastrop County, Texas. Capital Area Council-Boy Scouts of America. 20 pg.
- Forstner, M.R.J. 2002. The 2002 Houston toad surveys in Bastrop County. Final Technical Report. Bastrop County citizen's workgroup and Bastrop County Houston toad project. 20 pg.
- 2001
- Forstner, M.R.J. 2001. Final report of Houston toad surveys and observations on the Griffith League Ranch, Bastrop County, Texas for 2001. Final Technical Report. Capital Area Council-Boy Scouts of America/USFWS. 32pg.
- Forstner, M.R.J. and J.R. Dixon. 2001. Final Technical Report. Report of Houston toads (*Bufo houstonensis*) surveys in Lee County, TX. David Jackson, Jackson and Sjoberg, LLC. Austin, TX. 7pg.
- 2000
- Forstner, M.R.J. 2000. Final Technical Report. Griffith league ranch Houston toad survey. 2000. Bastrop Co. TX. Capital Area Council-Boy Scouts of America/USFWS. 40 pg.
- Forstner, M.R.J. 2000. Final Technical Report. Avian habitat assessment of Oak Crest Point expansion 37.49 acres. SECOR, Inc. Bellevue, WA. 7 pg.
- Forstner, M.R.J. and J.R. Dixon. 2000. Final Technical Report. An overview and genetic assessment of the occurrence of Houston toads on the Three Oaks lignite mine site. Jackson and Sjoberg, LLC. Austin, Texas. 19 pg.
- Forstner, M.R.J., G. Parks, L. Miller, B. Herbert, K. Halbrook, B.K. Mealey. 2000. Final Technical Report. Genetic variability and geographic structure of *Malaclemys terrapin* populations in Texas and south Florida. Species at Risk program of the USGS. 25 pg.
- 1999
- Forstner, M.R.J., J.M. Forstner, J.R. Dixon, and S.K. Davis. 1999. Final Technical Report. The population status and genetic variation in U.S. populations of the Big Bend slider (*Trachemys gaigeae*). Species At Risk program of the USGS. 30 pg.

## 5. Book Reviews:

- Forstner, M.R.J. 2006. Book Review. Incubation of Reptile eggs: Basics, guidelines, and experiences by Gunther Kohler (translated by Valerie Haecky) 2005 Krieger Publishers, Malabar FL. 80pgs. Texas Herpetological Society Newsletter 68(1&2):12.

- Forstner, M.R.J. 2006. Book Review. Merker, G. and W. Merker. 2006. Grey banded kingsnakes. 80pgs. LM Digital publishers. Benicia, California, US. Texas Herpetological Society Newsletter 68(1&2):12.
- Forstner, M.R.J. 2006. Book Review. Mulks, M. 2005. Zonata: The California Mountain Kingsnake. 64pgs. LM Digital publishers. Benicia, California, US. Texas Herpetological Society Newsletter 68(1&2):12.
- Forstner, M.R.J. 1999. Book Review. Miglani, G.S. *Dictionary of plant genetics and molecular biology*. 348 pg. Economic Botany. 53:459-460.
- Forstner, M.R.J. 1998. Book Review. Hartl, D.L. and A.G. Clark. *Principles of Population Genetics* (3rd edition). 542 pg. Economic Botany 52(4):433-434.

## 6. Other

- Dayton, G., M.R.J. Forstner, M. Goode. 2011. **Checklist**. Reptiles and Amphibians of Big Bend National Park. National Park Service. 2011 revision. 13pgs.
- Mahato, N. and M.R.J. Forstner. 2010. **Poster**. A distribution model for the red panda (*Ailurus fulgens*) – a tool for conservation planning. Organization of Fish and Wildlife Information Managers annual conference, Oct 18-21, Cadiz, Kentucky.
- McHenry, D.J., and M.R.J. Forstner. 2010. **Poster**. Measuring natural levels of interspecific admixture in an endangered toad. Texas State University Women in Science and Engineering Conference, April 30th 2010, San Marcos TX.
- Weaver, J.P., D. Rodriguez, M.R.J. Forstner, and L.D. Densmore III. 2007. Poster Presentation. Genetic characterization of the Cuban crocodile (*Crocodylus rhombifer*) using zoological samples. 3<sup>rd</sup> International Workshop on Crocodylian genetics and genomics. Smithsonian Tropical Research Institute, Panama City, Panama. April 13-15, 2007.
- McVay, J.D., D. Rodriguez, T.R. Rainwater, D.A. Ray, J.A. Dever, S.G. Platt, S.T. McMurry, M.R.J. Forstner, L.D. Densmore III. 2007. Poster Presentation. Evidence of multiple paternity in Morelet's crocodile (*Crocodylus moreletii*) in Belize, CA, inferred from microsatellite markers. 3<sup>rd</sup> International Workshop on Crocodylian genetics and genomics. Smithsonian Tropical Research Institute, Panama City, Panama. April 13-15, 2007.
- Rodriguez, D., J. Rogelio Cedeño-Vázquez, M.R.J. Forstner and L.D. Densmore III. 2007. Poster Presentation. Endangered species conservation: Using DNA to detect hybridization zones between the American crocodile (*Crocodylus acutus*) and Morelet's crocodile (*Crocodylus moreletii*) in the Yucatan Peninsula. 3<sup>rd</sup> International Workshop on Crocodylian genetics and genomics. Smithsonian Tropical Research Institute, Panama City, Panama. April 13-15, 2007.
- Rodriguez, D., J. Rogelio Cedeño-Vázquez, M.R.J. Forstner and L.D. Densmore III. 2007. Poster Presentation. Endangered species conservation: Using DNA to detect hybridization zones between the American crocodile (*Crocodylus acutus*) and Morelet's crocodile (*Crocodylus moreletii*) in the Yucatan Peninsula. Sixth annual Graduate Student Research Poster Competition. Texas Tech University, Lubbock, Texas. March 22, 2007.
- Bryson, R. W., J. Pastorini, and M.R.J. Forstner. Poster Presentation. 2006. Phylogenetic Relationships of Mexican Kingsnakes (*Lampropeltis mexicana* complex). Southwestern Association of Naturalists Annual Meeting, April 13-15<sup>th</sup>, Colima, Mexico.
- Forstner, M.R.J. 2006. Current Status of the Houston Toad: A summary of recent research and field determinations with solutions for recovery of the species by programs of active stewardship. Five year review federal report. Submitted to the USFWS. Oct 9, 2006. 18pgs.
- McHenry, D.J., J.C. Godwin, and M.R.J. Forstner. Poster Presentation. Genetic variation in two map turtles, *Graptemys barbouri* and *Graptemys ernsti* (Testudines: Emydidae). University

- of Missouri-Columbia. Division of Biological Sciences Graduate student symposium, Apr 18 2006.
- Forstner, M.R.J. and R. Hudson. 2005. Educational Poster. Texas Turtles. Published for distribution to K-12 Science instructors. Texas Parks and Wildlife Department, Non-game division. June 1, 2005.
- Fuller, J.P., C.T. McAllister, and M.R.J. Forstner. 2004. Poster Presentation. Second report of *Chrysemys dorsalis* from Texas. TAMUS Pathways Symposium. Corpus Christi, Texas. Oct 15-16, 2004.
- Pastorini, J., M.R.J. Forstner, A. Zaramody, W. Scheffran, M.S. Clark, M. Waters, D.J. Curtis, and R.D. Martin. 1999. Poster Presentation. Population genetic study of mongoose lemurs based on DNA sequences. 7th World Conference on Breeding Endangered Species. Linking Zoo and Field Research to Advance Conservation, Poster Abstracts. Cincinnati Zoo and Botanical Garden, USA.
- Pastorini, J., M.R.J. Forstner, R.D. Martin. 1999. Poster Presentation. Phylogenetic relationships among Lemuridae (Primates) inferred from DNA sequences. Zoologia et Botanica. Zurich Switzerland.
- Brooks, L.A., M.R.J. Forstner, R. Horton, S. Sundquist. 1997. Program bulletin. Columbia University: Graduate program in ecology and evolutionary biology (CERC). Columbia University Press. 76 pg.
- Forstner, M.R.J. 1991. Magazine Article. The Hidden World of Ultra-Microscopic Detail. Chihuahuan Desert Discovery 29:8-9.

## B. Works not in Print

### 1. Papers Presented at Professional Meetings:

2011

- Sha, Q., M.R.J. Forstner, X. Vatten, and D. Hahn. 2011. **Abstract.** Assessing pathogenicity of Salmonella isolates from natural biofilms. 3<sup>rd</sup> Annual International Research Conference for Graduate Students. November 2-3, 2011, Texas State University, San Marcos, TX.
- Duarte, A., D.J. Brown, and M.R.J. Forstner. 2011. **Abstract.** Estimating abundance of the endangered Houston toad (*Bufo houstonensis*) on a primary recovery site. 3<sup>rd</sup> Annual International Research Conference for Graduate Students. November 2-3, 2011, Texas State University, San Marcos, TX.
- Harper, A.L. and M.R.J. Forstner. 2011. **Abstract.** Assessing impacts of drought on herpetofauna through repeated surveys and morphometric comparisons. Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.
- Mali, I., D.J. Brown, M.R.J. Forstner. 2011. **Abstract.** Trapping turtles using hoop-nets: testing assumptions and potential biases. Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.
- Preston, D. and M.R.J. Forstner. 2011. **Abstract.** Chemically mediated predator avoidance behavior in the endangered Houston toad (*Bufo houstonensis*) using the Coastal Plain toad (*Bufo nebulifer*) as a proxy. Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.
- Wallace, D., V. Farrallo, D. Buzo, and M.R.J. Forstner. 2011. **Abstract.** Prioritizing the remaining Houston toad habitat remnants for conservation in the face of ongoing fragmentation and wildfire. Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.
- Jones, M.C., D.J. Brown, I. Mali, A. McKinney, and M.R.J. Forstner. 2011. **Abstract.** Assessment of Public Knowledge and Support for Recovery of the Endangered Houston Toad (*Bufo houstonensis*) in Bastrop, Texas. Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.

- Duarte, A., D.J. Brown, and M.R.J. Forstner. 2011. **Abstract.** Estimating abundance of the endangered Houston toad (*Bufo houstonensis*) on a primary recovery site. Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.
- Brown, D.J., T.M. Swannack, and M.R.J. Forstner. 2011. **Abstract.** Influence of abiotic factors on activity patterns of the endangered Houston toad (*Bufo houstonensis*). Annual meeting of the Texas Herpetological Society, 22 October, 2011, The University of Texas, Austin, Texas.
- Jones, M., M.R.J. Forstner and J.R. Dixon. 2011. Abstract. Is bigger always better? Mate selection in the Houston toad (*Bufo houstonensis*). 96<sup>th</sup> Annual meeting, Ecological Society of America, August 7-12, 2011, Austin Convention Center, Austin, TX.
- Brown, D., J.T. Baccus, D.B. Means and M.R.J. Forstner. 2011. Abstract. Short-term outcomes for juvenile amphibians after fire in a southern USA pine forest. 96<sup>th</sup> Annual meeting, Ecological Society of America, August 7-12, 2011, Austin Convention Center, Austin, TX.
- Mali, I., M.R.J. Forstner and D. Brown. 2011. Abstract. Conservation and sustainable use of turtle populations worldwide: Past, present, and future strategies. 96<sup>th</sup> Annual meeting, Ecological Society of America, August 7-12, 2011, Austin Convention Center, Austin, TX.
- Farallo, V.R and M.R.J. Forstner. 2010. Abstract. Predation and the maintenance of color polymorphism in a habitat specialist squamate. 96<sup>th</sup> Annual meeting, Ecological Society of America, August 7-12, 2011, Austin Convention Center, Austin, TX.
- Harper, A. and M.R.J. Forstner. 2011. Abstract. Assessing impacts of drought on herpetofauna. 16<sup>th</sup> Annual Biology Student Colloquium, Apr 1, 2011, Texas State University, San Marcos, TX.
- Jones, M., J.R. Dixon and M.R.J. Forstner. 2011. Abstract. Is bigger always better? Mate selection in the Houston toad (*Bufo houstonensis*). 16<sup>th</sup> Annual Biology Student Colloquium, Apr 1, 2011, Texas State University, San Marcos, TX.
- McCracken, S. and M.R.J. Forstner. 2011. Abstract. Multi-rotor UAVS- A new tool for Biologists. 16<sup>th</sup> Annual Biology Student Colloquium, Apr 1, 2011, Texas State University, San Marcos, TX.
- Brown, D., J.T. Baccus, and M.R.J. Forstner. 2011. Abstract. Short-term effects of fire on juvenile amphibians in a southern USA pine forest. 16<sup>th</sup> Annual Biology Student Colloquium, Apr 1, 2011, Texas State University, San Marcos, TX.
- Vandewege, M. and M.R.J. Forstner. Abstract. Testing pedigree reconstruction to assess short term effects of head-starting on a Houston toad population. 16<sup>th</sup> Annual Biology Student Colloquium, Apr 1, 2011, Texas State University, San Marcos, TX.
- Mali, I., D. Brown, and M.R.J. Forstner. 2011. Abstract. Toward sustainable worldwide utilization of Chelonians. 16<sup>th</sup> Annual Biology Student Colloquium, Apr 1, 2011, Texas State University, San Marcos, TX.
- Brown, D., J.T. Baccus, and M.R.J. Forstner. 2011. Abstract. Short-term effects of fire on juvenile amphibians in a southern USA pine forest. 114th Annual Meeting, Texas Academy of Science, March 3-5, 2010, St. Edwards University, Austin, Texas.
- Mahato, N. and M.R.J. Forstner. 2011. Abstract. A general habitat suitability model for the endangered Houston toad (*Bufo houstonensis*) from remote sensing data. 114th Annual Meeting, Texas Academy of Science, March 3-5, 2010, St. Edwards University, Austin, Texas.
- Jones, M., J.R. Dixon and M.R.J. Forstner. 2011. Abstract. Is bigger always better? Mate selection in the Houston toad (*Bufo houstonensis*). 114th Annual Meeting, Texas Academy of Science, March 3-5, 2010, St. Edwards University, Austin, Texas. *\*winner Honorable Mention, Best student oral presentation.*
- Brown, D., T.M. Swannack and M.R.J. Forstner. Abstract. Influence of weather on capture variability for amphibians in the Lost Pines of Texas. Texas Chapter, Wildlife Society, Feb

- 17-19, 2011. San Antonio, TX.
- Mali, I., D. Brown, and M.R.J. Forstner. 2011. Abstract. Conservation and Sustainable Use of Turtle Populations Worldwide: Past, Present, and Future Strategies. Seventh International Conference on Environmental, Cultural, Economic, and Social Sustainability. 5-7, January 2011. University of Waikato, New Zealand.
- 2010
- Mahato, N. and M.R.J. Forstner. 2010. Abstract. Determining endangered species habitat in the face of cryptic species and few occupancy surveys: an example from the red panda (*Ailurus fulgens*) in Nepal. Organization of Fish and Wildlife Information Managers annual conference, Oct 18-21, Cadiz, Kentucky. \*winner 2010 Student Scholarship (\$600).
- Howard, L.L. M.E.B. Jones, J.P. Flangan, P.S. Crump, M.L. Marin, T.P. Prim, M.R.J. Forstner, A.P. Pessier. 2010. Abstract. Disseminated Mycobacteriosis in a headstart colony of Houston toads (*Bufo houstonensis*). "Wildlife and Ecosystem Health Without Borders." In conjunction with the AAZV/AAWV/ARAV Annual Conference. Trilateral Meeting of the Canadian, Mexican, and United States Wildlife Veterinary and Conservation. South Padre Island, Texas, USA. Oct 24-25, 2010.
- Vandewege, M., D. Rodriguez, J.P. Weaver, T.D. Hibbits, M.R.J. Forstner, and L.D. Densmore. 2010. Abstract. Bimodal pattern of hybridization between Baird's rat snake and the Texas rat snake inferred from mitochondrial and nuclear DNA data. 15<sup>th</sup> Annual Biology Student Colloquium, April 3, 2010, Texas State University, San Marcos, TX.
- Dickerson, B. and M.R.J. Forstner. 2010. Abstract. Effects of urbanization and road densities on the populations of *Trachemys scripta elegans* in the Lower Rio Grande valley. 15<sup>th</sup> Annual Biology Student Colloquium, April 3, 2010, Texas State University, San Marcos, TX.
- Brown, D.J., B. Devolld, and M.R.J. Forstner. 2010. Abstract. Red-eared slider (*Trachemys scripta elegans*) hoop net escapes: size versus sex. 15<sup>th</sup> Annual Biology Student Colloquium, April 3, 2010, Texas State University, San Marcos, TX. \*Runner-up best student presentation (Graduate level)
- Schultz, A. and M.R.J. Forstner. 2010. Abstract. Inferring Population Changes of Freshwater Turtles in South Texas. 15<sup>th</sup> Annual Biology Student Colloquium, April 3, 2010, Texas State University, San Marcos, TX.
- Devolld, B. and M.R.J. Forstner. 2010. Abstract. The effects of prescribed fire on red-imported fire ant (*Solenopsis invicta*) populations around ponds in the Lost Pines ecoregion of Texas. 15<sup>th</sup> Annual Biology Student Colloquium, April 3, 2010, Texas State University, San Marcos, TX.
- Mahato, N. and M.R.J. Forstner. 2010. Abstract. A distribution model for guidance toward the conservation planning of red panda (*Ailurus fulgens*) in Nepal. 11<sup>th</sup> Ecological Integration Symposium, Understanding Patterns and Processes across Scales, March 26-27, 2010, Texas A&M University, College Station, Texas.
- McHenry, D. and M.R.J. Forstner. 2010. Abstract. Characterizing natural levels of interspecific admixture in an endangered toad, (*Bufo houstonensis*). 57<sup>th</sup> Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX.
- Farallo, V.R and M.R.J. Forstner. 2010. Abstract. Maintenance of polymorphism in the mottled rock rattlesnake (*Crotalus lepidus lepidus*) consequent of predation? 57<sup>th</sup> Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX.
- Harper, A. and M.R.J. Forstner. 2010. Abstract. Assessing impacts of drought on herpetofauna through repeated surveys and morphometric comparisons. 57<sup>th</sup> Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX.



- Schultz, A. and M.R.J. Forstner. 2010. Abstract. Turtle trends in the Lower Rio Grande Valley across thirty years with both long and short-term replication. 57<sup>th</sup> Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX. 57<sup>th</sup> Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX.
- Mahato, N.K., P. Subedi, L. Poudel, and M.R.J. Forstner. 2010. Abstract. Status and conservation of the galliformes population in Pipar and the importance of the adjacent Santel area for pheasant conservation in Nepal. 57<sup>th</sup> Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX.
- Vandewege, M., McHenry, D. and M.R.J. Forstner. 2010. Abstract. Evidence of multiple paternity in the critically endangered Houston toad (*Bufo houstonensis*). 57<sup>th</sup> Annual meeting Southwestern Association of Naturalists, Apr 22-24, 2010, Llano River Field Station, Junction, TX.
- McHenry, D. and M.R.J. Forstner. 2010. Abstract. The bittersweet success of headstarting in the Houston toad (*Bufo houstonensis*). 113th Annual Meeting, Texas Academy of Science, March 4-6, 2010, Tarleton State University, Stephenville, Texas.
- Vandewege, M., D. Rodriguez, J.P. Weaver, T.D. Hibbits, M.R.J. Forstner, and L.D. Densmore. 2010. Abstract. The hybrid zone between (*Elaphe bairdi* and *Elaphe obsoleta lindheimeri*) in Texas inferred from microsatellite and mitochondrial DNA data. 113th Annual Meeting, Texas Academy of Science, March 4-6, 2010, Tarleton State University, Stephenville, Texas.
- Farallo, V.R and M.R.J. Forstner. 2010. Abstract. Are the color forms in the mottled rock rattlesnake (*Crotalus lepidus lepidus*) consequent of predation? 113th Annual Meeting, Texas Academy of Science, March 4-6, 2010, Tarleton State University, Stephenville, Texas.
- Gaston, M.A., A. Fujii, F. Weckerly, M.R.J. Forstner. 2010. Abstract. Potential component Allee effects and their consequences in Houston toad (*Bufo houstonensis*) stewardship. 113th Annual Meeting, Texas Academy of Science, March 4-6, 2010, Tarleton State University, Stephenville, Texas.
- Dickerson, B.E. and M.R.J. Forstner. 2010. Abstract. Road densities as a proxy for urbanization effects using the Red eared slider (*Trachemys scripta elegans*) in the lower Rio Grande Valley. Texas Chapter of the Wildlife Society Annual Meeting, Feb 18-20<sup>th</sup>, Galveston, Texas.
- Mahato, N. and M.R.J. Forstner. 2010. Abstract. Distribution and GIS-based habitat modeling of red panda (*Ailurus fulgens*) in Nepal. 113th Annual Meeting, Texas Academy of Science, March 4-6, 2010, Tarleton State University, Stephenville, Texas.
- 2009
- Brown, D., V. Farallo, J.R. Dixon, J. Baccus, T. R. Simpson and M.R.J. Forstner. 2009. Abstract. Freshwater turtle conservation in Texas: Lingering Harvest Effects and Efficacy of the current management system. International Research Conference, Nov 4-5, Texas State University, San Marcos, Texas.
- Dickerson, B.E. and M.R.J. Forstner. 2009. Abstract. Road densities and their effect on the Red eared slider (*Trachemys scripta elegans*) in the lower Rio Grande Valley. International Research Conference, Nov 4-5, Texas State University, San Marcos, Texas.
- Farallo, V.R and M.R.J. Farallo. 2009. Abstract. Why so many forms? Field tests of the selective pressures on color pattern variation and its maintenance in the mottle rock rattlesnake (*Crotalus lepidus lepidus*). International Research Conference, Nov 4-5, Texas State University, San Marcos, Texas.
- Holihan, R.J. and M.R.J. Forstner. 2009. Abstract. An analysis of trends in sea turtle rehabilitation on the Texas coast. International Research Conference, Nov 4-5, Texas State University, San Marcos, Texas.

- Mahato, N.K., P. Subedi, L. Poudel, and M.R.J. Forstner. 2009. Abstract. The rationale for expanding the Pipar pheasant reserve of Nepal: A perspective from surveys of the Galliformes population in Santel. International Research Conference, Nov 4-5, Texas State University, San Marcos, Texas.
- McCracken, S.F., J.P. Gaertner, D. Hahn, M.R.J. Forstner. 2009. **Abstract.** Amphibian chytrid fungus across the vertical strata of an Ecuadorian Amazon lowland rainforest. International Research Conference, Nov 4-5, Texas State University, San Marcos, Texas.
- Swanson, R.L., T.R. Simpson, M.R.J. Forstner, and F.L. Rose. 2009. Abstract. Herpetofauna of Palmetto State Park and the Ottine wetlands with comments on temporal and spatial trends. International Research Conference, Nov 4-5, Texas State University, San Marcos, Texas.
- Vandewege, M., D. Rodriguez, J.P. Weaver, T.D. Hibbits, M.R.J. Forstner, and L.D. Densmore. 2009. Abstract. When species hybridize: The case of two Texas snakes (*Elaphe bairdi* and *Elaphe obsoleta lindheimeri*) using evidence inferred from microsatellite and mitochondrial DNA data. International Research Conference, Nov 4-5, Texas State University, San Marcos, Texas.
- McCracken, S.F., J.P. Gaertner, D. Hahn, M.R.J. Forstner. 2009. Abstract. Detection of *Batrachochytrium dendrobatidis* in amphibians from the forest floor to the upper canopy of an Ecuadorian Amazon lowland rainforest. 14<sup>th</sup> Annual Biology Student Colloquium, April 3, 2009, Texas State University, San Marcos, TX.
- 2008
- Gaston, M. and M.R.J. Forstner. Abstract. Patterns of behavioral and morphological variation in male *Acris crepitans* across three adjacent central Texas river basins. 13<sup>th</sup> Annual Biology Student Colloquium. March 28, 2008, Texas State University, San Marcos, TX.
- Duvall-Jisha, J. Abstract. Arthropod diversity during drought conditions. 13<sup>th</sup> Annual Biology Student Colloquium. March 28, 2008, Texas State University, San Marcos, TX.
- Farallo, V. and M.R.J. Forstner. Abstract. Two are better than one: efficient funnel trap design. 13<sup>th</sup> Annual Biology Student Colloquium. March 28, 2008, Texas State University, San Marcos, TX.
- 2007
- Gaertner, J.P., M.R.J. Forstner, F. Rose, and D. Hahn, and. 2006. Abstract. Detection of salmonellae in wild turtles and their aquatic habitats. Biology Colloquium, April 30, 2007. Texas State University, San Marcos, Texas.
- McCracken, S. and M.R.J. Forstner. 2007. Abstract. Reproductive ecology and behavior of *Eleuthrodactylus aureolineatus* (Anura, Brachycephalidae) in the canopy of the Upper Amazon Basin, Ecuador. Biology Colloquium, April 30, 2007. Texas State University, San Marcos, Texas.
- Parlos, J. and M.R.J. Forstner. 2007. Abstract. Is a decline in average size of the Texas spiny softshell (*Apalone spinifera emoryi*) indicative of anthropogenic influences? Biology Colloquium, April 30, 2007. Texas State University, San Marcos, Texas.
- Parlos, J.A. and M.R.J. Forstner. 2007. Abstract. Preliminary population genetic and phylogeographic results in the Cave myotis (*Myotis velifer*) across Texas. 37th NASBR and XIV International Bat research conference, Merida, Mexico. August, 19-23 2007.
- Rodriguez, D., M.R.J. Forstner, P. Moler, and L.D. Densmore III. 2007. Abstract. Genetic structure of the American crocodile (*Crocodylus acutus*) in Florida and evidence of hybridization inferred from mitochondrial and nuclear markers. 3<sup>rd</sup> International Workshop on Crocodylian genetics and genomics. Smithsonian Tropical Research Institute, Panama City, Panama. April 13-15, 2007.
- Sorenson, T. and M.R.J. Forstner. 2007. Abstract. The evolution of the Rh factor. Biology Colloquium, April 30, 2007. Texas State University, San Marcos, Texas.
- 2006
- Buzo, D. and M.R.J. Forstner. 2006. Abstract. A GIS model for identifying Houston Toad (*Bufo*

- houstonensis*) habitat in Bastrop County, TX, USA. 102106-05. Texas Herpetological Society. Oct 20-21<sup>st</sup>, San Marcos, Texas.
- Gaertner, J.P., D. Hahn, and M.R.J. Forstner. 2006. Abstract. Detection of *Salmonella spp.* in turtles and sediment of the Rio Grande. 102106-04. Texas Herpetological Society. Oct 20-21<sup>st</sup>, San Marcos, Texas.
- McHenry, D.J. and M.R.J. Forstner. 2006. Abstract. Endangered species by proxy: a population genetics study of the federally endangered Houston toad, *Bufo houstonensis* (Anura: Bufonidae), and a common relative, the Gulf Coast toad, *Bufo valliceps*. 102106-02. Texas Herpetological Society. Oct 20-21<sup>st</sup>, San Marcos, Texas.
- Parlos, J.A., J.R. Dixon, J. Jackson, and M.R.J. Forstner. 2006. Abstract. Texas Spiny Softshell (*Apalone spinifera emoryi*): A decline in average measurements due to harvest? 102106-07. Texas Herpetological Society. Oct 20-21<sup>st</sup>, San Marcos, Texas.
- Rodriguez, D. M.R.J. Forstner, and L.D. Densmore. 2006. Abstract. Low allelic variation and its effects on detecting multiple paternity in two endangered species of crocodile: *Crocodylus acutus* and *Crocodylus moreletii*. Texas Tech Graduate Student Forum. Texas Tech University, Lubbock, TX. April 10-14.
- Swannack, T.M. and M.R.J. Forstner. Abstract. Impacts of the difference at age of first reproduction on a population of endangered Houston toads (*Bufo houstonensis*). Wildlife symposium, TAMU, College Station Texas, April 1, 2006.
- Swannack, T.M., K.L. Greuter, M.R.J. Forstner. 2006. Abstract. Estimating survival parameters for an endangered species with a complex life history. 102106-10. Texas Herpetological Society. Oct 20-21<sup>st</sup>, San Marcos, Texas.
- 2005
- Rodriguez, D., M.R.J. Forstner, L.D. Densmore. 2005. Abstract. Low allelic variation in wild populations of two endangered species of crocodile: *Crocodylus acutus* and *Crocodylus moreletii*. Texas Herpetological Society, Austin, TX. Nov 18-19, 2005.
- Jones, M. and M.R.J. Forstner. 2005. Abstract. Prescribed Fire and Timber Harvest: Tools Used for the Adaptive Management and Restoration of Lost Pines Habitat. Texas Herpetological Society, Austin, TX. Nov 18-19, 2005.
- McCracken, S. and M.R.J. Forstner. 2005. Abstract. Can GIS tools be applied to model Amphibian distributions? Preliminary results from Yasuni National Park - Amazonian Ecuador. Texas Herpetological Society, Austin, TX. Nov 18-19, 2005.
- Feltoon, A.R. and M.R.J. Forstner. Abstract. Diversity and conservation genetics of the Mexican beaded lizard (*Heloderma horridum*). Texas Herpetological Society, Austin, TX. Nov 18-19, 2005.
- Jackson, J. and M.R.J. Forstner. Abstract. Imperfect detection of Houston toads (*Bufo houstonensis*) by call surveys. Texas Herpetological Society, Austin, TX. Nov 18-19, 2005.
- Ferguson, A.W. and M.R.J. Forstner. 2005. Abstract. Impacts of vertebrate predators on terrestrial drift fence sampling. Texas Herpetological Society, Austin, TX. Nov 18-19, 2005.
- Reilly, S.M., M.R.J. Forstner, and J.R. Dixon. 2005. Abstract. *Nerodia harteri*: Summary of 2005 research. Texas Herpetological Society, Austin, TX. Nov 18-19, 2005.
- Ferguson, A.W. and M.R.J. Forstner. 2005. Abstract. Consequences and solutions in predation on drift fence and pit-fall arrays. 40th Annual Meeting of the Texas Chapter of the Wildlife Society. Amarillo, TX, February 24-26, 2005.
- 2004
- Fuller, J.P., C.T. McAllister, and M.R.J. Forstner. 2004. Poster. Second report of *Chrysemys dorsalis* from Texas. TAMUS Pathways Symposium. Corpus Christi, Texas. Oct 15-16, 2004.
- 2003

- Burpo, N., R. Guthrie, and M.R.J. Forstner. 2003. Abstract. Differential growth rates due to variable protein diet in endangered turtles. Texas Herpetological Society, San Marcos, TX. Oct 10-11.
- Rainer, A. and M.R.J. Forstner. 2003. Abstract. Phylogenetic reconstruction and genetic conservation of *Heloderma horridum*. Texas Herpetological Society, San Marcos, TX. Oct 10-11.
- Lobban G. and M.R.J. Forstner. 2003. Abstract. Evaluation of the wildlife disease *Haemogregarina* sp. in turtles: identification, pathogenicity, and host-specificity. Texas Herpetological Society, San Marcos, TX. Oct 10-11.
- Greuter, K.L. and M.R.J. Forstner. 2003. Abstract. Post-metamorphic dispersal patterns in the juvenile Houston Toad (*Bufo houstonensis*). Texas Herpetological Society, San Marcos, TX. Oct 10-11.
- Morris, S.R. and M.R.J. Forstner. 2003. Abstract. Effects of pond slope and aquatic predators on survivorship of larval Houston toads (*Bufo houstonensis*). Texas Herpetological Society, San Marcos, TX. Oct 10-11.
- Rosenthal, J. and M.R.J. Forstner. 2003. Abstract. Consequences of Lake Cabeza de Vaca on Chihuahuan desert herpetofauna, Texas Herpetological Society, San Marcos, TX. Oct 10-11.
- Swannack, T.M. and M.R.J. Forstner. 2003. Abstract. A possible cause of the disparity in the sex ratio of adult Houston Toads. Texas Herpetological Society, San Marcos, TX. Oct 10-11.
- Marquardt, A. and M.R.J. Forstner. 2003. Abstract. Early identification of the endangered Houston toad (*Bufo houstonensis*) using mitochondrial DNA markers. Texas Herpetological Society, San Marcos, TX. Oct 10-11.
- 2002
- Bates, C.L., M.R.J. Forstner, M.B. Barnes, M. Whiteley, J. Pastorini, and R.J.C. McLean. 2002. Abstract. Population analysis of aquifer biofilm isolates. Texas Branch spring meeting, American Society for Microbiology. San Antonio, TX.
- Wilkins, N. J.R. Dixon, J. Engle, M.R.J. Forstner, and A. Price. 2002. Abstract. Developing a habitat importance model for the endangered Houston toad. New applications of GIS databases: GIS in Conservation. Symposium, San Antonio, TX July 2002.
- 2001
- Bates, C.L., M.R.J. Forstner, M.B. Barnes, M. Whiteley, J. Pastorini, and R.J.C. McLean. 2001. Abstract. Population analysis of aquifer biofilm isolates. Texas Branch fall meeting, American Society for Microbiology. Junction, TX.

## 2. Invited Talks, Lectures, and Presentations:

- 2012
- Crump, P., M. Vandewege, and M.R.J. Forstner. 2012. Using high resolution genetic markers to track the success of headstarted bufonids (*Bufo houstonensis*) in supplementation of the wild population. 7<sup>th</sup> World Congress of Herpetology. August 8-12, Vancouver, Canada.
- 2011
- Forstner, M.R.J., D. McHenry, M. Vandewege. 2011. Genetic management of the Houston toad: state of the knowledge, options, and implications for future recovery efforts. Houston toad recovery team meeting, USWFS, Austin TX. Apr 25, 2011.
- Forstner, M.R.J., D. Brown, and S. McCracken. 2011. Stewardship of the Houston toads. Capital Area Council, Boy Scouts of America, 2011 alumni meeting. Bastrop, TX, Apr 9, 2011.
- Forstner, M.R.J. and A. Fujii. 2011. Genetic Diversity and Population Structure of the Texas Tortoise (*Gopherus berlandieri*). Texas Tortoise working group workshop, El Tropicana Riverwalk Hotel, 17 February, 2011. San Antonio, TX

Forstner, M.R.J., D. Brown, and D. McHenry. 2011. Active stewardship: Houston toads now and then. Bastrop County LPHCP stakeholders group, Alum creek WMA 2011 meeting. Bastrop, TX, Jan 22, 2011.

2010

Forstner, M.R.J. 2010. Applications of genetics and genomics for wildlife conservation. Centre for Biodiversity Conservation. Royal University of Cambodia, Phnom Penh, Cambodia. December 13-14<sup>th</sup>, 2010. Invited seminar series.

Forstner, M.R.J., D. Brown, J. Jackson, A. Schultz, B. Dickerson, D. McHenry, and J.R. Dixon. 2010. Texas' turtles: the Good, the Bad, and the Ugly. Joint meeting of the Texas Herpetological Society and the Dallas-Ft. Worth Herpetological Society. October 15-17, University of Texas at Arlington, Arlington, TX.

Dixon, J.R. and M.R.J. Forstner. 2010. The changing world of Texas' turtles. East Texas Herpetological Society 20th Annual Conference, Reptile Sale & Educational Exhibit. September 24 - 26, 2010, Brookhollow Crowne Plaza, Houston, Texas

Forstner, M.R.J., D. Buzo, T. Swannack, and J. Bell. 2010. Road ecology in the endangered Houston toad, the data enabling proactive approaches. 2010 Environmental Coordinators Conference, September 14-16, 2010, Austin, TX. (conference canceled).

Forstner, M.R.J. 2010. Private partners in Houston toad recovery. Invited speaker. Hilltop Lakes Association Stakeholders meeting. May 27, 2010, Normangee, TX.

Forstner, M.R.J. 2010. Field data, testing assumptions, guiding stewardship: a comprehensive approach to Houston toad conservation. Plenary speaker. Natureserve: Southeast Natural Heritage Conference. April 29-30, 2010, Austin TX.

Mahato, N. and M.R.J. Forstner. 2010. Status and Distribution of red panda (*Ailurus fulgens*) in Nepal Himalaya for use in prioritizing nationwide conservation efforts. National Seminar on Red Panda conservation, Initiatives in Sacred Himalaya Landscape of Nepal's Himalaya. Department of National Parks and Wildlife Conservation and the Department of Forests. February 18-19, 2010, Kathmandu, Nepal.

Forstner, M.R.J. 2010. Current status of the Houston toad and a suitable model for depicting its habitat. United States Fish and Wildlife Service, Austin Ecological Services Branch, Texas Parks and Wildlife, Environmental Defense Fund, Natural Resources Conservation Service, and Bastrop County. Bastrop, TX, Jan 14, 2010.

2009

Forstner, M.R.J. and J. H. Bell. Challenging recovery: the 2005-2009 drought and the Houston toad. Utilities Habitat Conservation Plan Committee, Environmental Defense, and the USFWS. McKinney Roughs State Park auditorium, Austin TX. Nov 2, 2009.

Gaston, M. and M.R.J. Forstner. Biology, Ecology, and Conservation of the Houston toad. Texas Parks and Wildlife Department, Bastrop County, and Alum Creek WMA. 1<sup>st</sup> Annual stakeholders meeting. June 26, 2009, Bastrop TX.

Jackson, J., J.R. Dixon, and M.R.J. Forstner. Assessment of population structure and hybridization in extant *Trachemys gaigeae* populations in the Rio Grande: an application of molecular methods in turtle conservation. Turtle Survival Alliance 7<sup>th</sup> Annual meeting, Aug 5-8, 2009. St. Louis, MO.

Forstner, M.R.J. Turtles as biological indicators in the Rio Grande Basin. River's End seminar series. Texas State University. May 7, 2009.

Forstner, M.R.J. The Texas tortoise as an icon for nongame conservation in Texas. San Marcos Chapter Lions Club. April 24, 2009.

Fujii, A. and M.R.J. Forstner. Genetic Diversity and Population Structure of the Texas Tortoise (*Gopherus berlandieri*): Implications for Conservation. 34<sup>th</sup> Annual Meeting and Symposium of the Desert Tortoise Council. Casa Blanc Resort and Casino, Mesquite, NV. February 19-22, 2009.

2008

- Forstner, M.R.J and D. Buzo. Rangewide status review and GIS habitat model validation for the Houston toad. United States Fish and Wildlife Service, Austin Ecological Services Branch, Houston toad team meeting. Bastrop, TX, Nov 24, 2008.
- Forstner, M.R.J., J. Jackson, L. Bailey, and J.R. Dixon. The Status Status of two native turtles of the Rio Grande Basin (Emydidae: *Trachemys gaigeae* and *Pseudemys gorzugi*): fieldwork, ecology, and genetics. TAS meeting, Sept 17-20, 2008, Tuscon, AZ. (canceled, death in the family)
- Forstner, M.R.J. Texas turtles: the good, the bad, and the ugly. East Texas Herpetological Society. Annual Meeting, Sept 12-14, Houston, TX. (Conference canceled, Hurricane Ike)
- Forstner, M.R.J. Stewardship of the Houston toad. United States Fish and Wildlife Service, Austin Ecological Services Branch, Houston toad recovery Initiative kick off meeting. Bastrop, TX, March 26. 2008.
- McHenry, D.J. and M.R.J. Forstner. Results from population genetics studies of the Houston toad. United States Fish and Wildlife Service, Austin Ecological Services Branch, Houston toad recovery Initiative kick off meeting. Bastrop, TX, March 26. 2008.
- Buzo, D. and M.R.J. Forstner. A GIS predictive habitat distribution model for the Houston toad. United States Fish and Wildlife Service, Austin Ecological Services Branch, Houston toad recovery Initiative kick off meeting. Bastrop, TX, March 26. 2008.
- Gaston, M. and M.R.J. Forstner. Stewardship options and priorities for the Houston toad. United States Fish and Wildlife Service, Austin Ecological Services Branch, Houston toad recovery Initiative kick off meeting. Bastrop, TX, March 26. 2008.
- Forstner, M.R.J. and M. Wagner. New Dimensions in wildlife management: Impacts of commercial turtle harvest in Texas. 2008 Texas Wildlife Diversity Conference. Implementation of the Texas Wildlife Action Plan (TWAP): Focus on Partnerships and Implementation. Houston, TX, Jan 17-19.
- 2007
- Forstner, M.R.J. Advanced Phylogenetic Analyses: from markers to genes. Malaysia Genome Institute, University of Malaysia, Kebangsaan. Dec 3-7, Bangi, Selangor, Malaysia. (Invited Workshop leader)
- 2006
- Forstner, M.R.J., L. Bailey, J.R. Dixon. 2006. The Status of *Pseudemys gorzugi* (Reptilia: Emydidae) in the Rio Bravo Basin. IX Reunion Nacional de Herpetologia. Universidad Autonoma de Nuevo Leon, Monterrey, Nuevo Leon, Mexico. Nov 6-9, 2006. (Invited Presentation).
- Forstner, M.R.J. Current Research and Status of the Houston toad. Texas Herpetological Society, President's Seminar. Oct 20, 2006. San marcos, Texas. (Invited Presentation).
- Forstner, M.R.J. Recent Houston toad research accomplishments and current needs. Houston toad Conservation committee for Utilities Mitigation funds. Sept. 27, 2006. Bastrop, Texas. (Invited Presentation).
- Forstner, M.R.J. Stewardship at the edge of extinction. Department of Biology Seminar Series. Sept 18, 2006. Texas State University. San Marcos, Texas. (Invited Presentation).
- Forstner, M.R.J. Endangered Species Research: The Houston toad. Seminar in Conservation Biology. Texas State University. April 18, 2006. (Invited Presentation).
- 2005
- Forstner, M.R.J. Turtle Genetics Workshop. National Science Foundation. Harvard University, Boston, MA. Aug 7-12, 2005. (Invited participant).
- Forstner, M.R.J., M. Jones, J. Jackson, K. Greuter, and T. Swannack, B. Weckerly, and J. Baccus. Aspects of Houston toad ecology critical to management options. Texas Parks and Wildlife Department, Bastrop, Texas. June 1, 2005. (Invited Presentation and workshop participant).

- Forstner, M.R.J., M. Jones, J. Jackson, K. Greuter, F. Weckerly, J. Baccus, and T. Swannack . Collaborative restoration of Houston toad habitat. United States Fish and Wildlife Service. Austin, Texas. Apr 27, 2005. (Invited Presentation).
- 2004
- McCracken, S., P. Herbertson, M. Mulligan, and M.R.J. Forstner. Toward a GIS framework of amphibian diversity, distribution, and density in Amazonia: work from Yasuni National Park. 2nd Annual Ecuador Tropical Forest Research and Education Conference. Oct 15-17, 2004. Mindo Biological Station, Ecuador. (Invited Presentation)
- Swannack, T. and M.R.J. Forstner. 2004. Lessons learned from the Houston toad: implications for forestry management. Temple-Inland Forestry management seminar. July 2004. Austin, TX. (Invited Presentation)
- Mealey, B.K., G.M. Parks, J.D. Baldwin, M.R.J. Forstner. The Insular Ecology of *Malaclemys terrapin macropsilota* and *M. t. rhizophorarum* of Florida Bay and the Florida Keys. Third workshop on the ecology, status, and conservation of Diamondback terrapins. 17-19 Sept 2004, Jacksonville, Florida. (Invited Participant/Presentation)
- Forstner, M.R.J., T. Swannack, K. Greuter, S. Morris, S. Keifer, A. Ferguson, and J. Baccus. Quantitative aspects of Houston toad ecology. Wildlife diversity conference. Texas Parks and Wildlife Department. San Marcos, TX. Aug 2004. (Invited Presentation)
- 2003
- Status assessment, reproduction, habitat use, and survivorship of Houston toads using new techniques and integrated experimental design. 2003. Michael R.J. Forstner, Todd Swannack, Kensley Greuter, Sue Morris, Shane Keifer, William Lanier, Aaron Marquardt, Adam Ferguson, and John Baccus. USFWS Endangered species seminar series. Albuquerque, NM. Dec 17, 2003. (Invited Presentation)
- History in the molecules: Pleistocene signatures on Texas vertebrates. 2003. Baylor University Seminar Series. Nov 12, 2003. Waco, Texas. (Invited Presentation)
- Heosemys grandis* captive assurance colonies: wild founder characteristics and parasitism. M.R.J. Forstner, G. Lobban, and S.R. Morris. IUCN Turtle Survival Alliance Symposium. Orlando FL, Aug 18-21, 2003. (Invited Presentation)
- Managing small populations of vertebrates. M.R.J. Forstner and T. Swannack. IUCN Turtle Survival Alliance Symposium. Orlando FL, Aug 18-21, 2003. (Invited Presentation).
- Integrated culture of turtles. IUCN Turtle Survival Alliance Symposium. Orlando FL, Aug 18-21, 2003. (Invited Presentation).
- Houston toad habitat and status in Bastrop County, Texas. 2003. USFWS. Jan 29, San Marcos, TX. (Invited Presentation).
- Invasive species threats and priorities (Big Bend National Park). 2003. National Park Service, Big Bend National Park Research Priority Scoping meeting. Jan 3, Odessa, TX. (Invited contributor)
- 2002
- Population trends, current status, and ongoing investigations of the Houston toad (*Bufo houstonensis*). 2002. USFWS, Houston toad recovery team public information seminar. Oct 23, Bastrop, TX. (Invited Presentation)
- History in the molecules: Using phylogenetics and biogeography to reconstruct near term climatic changes in Texas. 2002. Southwest Texas State University, Dept. of Biology Seminar series. Oct 14, San Marcos, TX. (Invited Presentation)
- Preliminary results of Houston toad research in Bastrop County, TX. 2002. USFWS Houston toad recovery team/implementation team joint meeting. June 18, Austin, TX. (Invited Presentation)
- Current status of the Houston toad. 2002. Bastrop County/Stakeholders Group/Prairies and Pines Land Trust. April 2, Bastrop, TX. (Invited Presentation)
- 2001

- Houston toad results from the Griffith League Ranch, Bastrop County, TX. 2001. Bastrop County, Stakeholders group and Public forum. June 27, Bastrop, TX. (Invited Presentation)
- Handling scientific and technical information in contentious public issues. 2001. National Public Policy Conference Workshop. Sept 17, San Antonio, TX. (Invited Panelist) (cancelled due to the events of 9/11/01)
- Chihuahuan Desert Parks, Inventory and Monitoring. 2001. National Park Service. Inventory Scoping Meeting. May 30-Jun 1, Odessa, TX. (Invited Contributor)
- 2000
- Environment, microhabitat, and occurrence correlations for the Houston toad (*Bufo houstonensis*) on the Griffith League Ranch, Bastrop County, TX. 2000. USFWS/TPWD/BSA seminar. Aug 1, Bastrop, TX. (Invited Presentation)
- 1999
- A molecular perspective of the historical radiations of the Serpentes (Reptilia: Squamata). 1999. University of Miami. Nov 29, Miami, FL. (Invited Presentation)
- Molecular phylogenetics of the Lemnidae. 1999. Centenary Congress of the Anthropological Institute and Museum, University of Zurich. Oct, Zurich, Switzerland. (Invited Presentation)
- Diamondback terrapin ecology: population size, demographics, genetics, and ecology. 1999. Distinguished seminar series, Florida International University, Nov 16, Miami, FL. (Invited Presentation)
- Population ecology and genetics of *Malaclemys terrapin* in Florida Bay. 1999. All Florida Herpetological conference. May, Gainesville, FL. (Invited speaker w/Brian Mealey)
- Molecular markers and systematics: tools for understanding evolution and managing populations. 1999. Southwest Texas State University, Seminar series. April, San Marcos, TX. (Invited Presentation)
- 1998
- Molecular markers for conservation genetics: lessons from new world crocodiles. 1998. Universiti Kebangsaan. July 17, Kuala Lumpur, Malaysia. (Invited Presentation)
- High resolution identification of interspecific hybrids of the American crocodile (*Crocodylus acutus*) and the Cuban crocodile (*C. rhombifer*). 1998. Symposia of Crocodylian Biology and Evolution. University of Australia. July, Brisbane, Australia. (Invited Presentation)
- Adaptive radiations: the topology of success: examples from anthropoids. 1998. Institute of Anthropology. University of Switzerland. May 4, Zurich, Switzerland. (Invited Presentation)
- Molecular systematics and tissue preservation: Results from the laboratory and the field. 1998. Texas Cooperative Wildlife Collection, Texas A&M University. March, College Station, TX. (Invited Presentation)
- 1997
- Ancient divergences and modern populations: applications of molecular genetics in reptile evolution and conservation. 1997. Florida Atlantic University seminar series. April 11, Davie, FL. (Invited Presentation)
- Reptile conservation and the pet trade. 1997. Columbia University. May, New York, NY. (Invited Presentation)
- Identification of crocodylian hybrids using molecular markers: a case study in the Cuban crocodile (*Crocodylus rhombifer*) and the American crocodile (*C. acutus*). 1997. Environmental Leaders Forum, Columbia University. May, New York, NY. (Invited Presentation)
- Molecular Systematics: Applications to Conservation Biology. 1997. Arden House Biological Retreat. Columbia University Faculty. January, Harriman, NY. (Invited Presentation)
- 1996
- Workshop on Phylogenetics: methods and molecular systematics. 1996. Center for Biodiversity and Conservation, Faculty of Math and Sciences, University of Indonesia, Campus UI, Depok-Jakarta. June 24-26, Jakarta, Indonesia. (Invited Workshop)



Conservation genetics. Mid-Career Day Series. 1996. Center for Environmental Research and Conservation, Morningside Institute Mid-Career Training Committee, Department of Anthropology, Columbia University. May, New York, NY. (co-host/lecturer)

1995

The phylogeny and evolution of primitive snakes. 1995. 14th Meeting of the William Hennig Society. July, College Station, TX. (Invited Presentation)

Squamate relationships and the phylogeny of the Henophidia. 1995. American Society of Ichthyologists and Herpetologists/Herpetologist's League. July, Edmonton, Canada. (Invited Symposium Lecture)

### 3. Consultancies:

Endangered Species Related Consultancies:

*Sceloporus arenicolus* USFWS 2011-Present  
Aci Consulting, Inc.

American Crocodile: Florida Game and Fish Commission 2002-Present  
USFWS 2003-Present

Concho WaterSnake: USFWS 2002-Present

Houston toad: ALCOA, Inc 2000-2003  
Bastrop County 2001-Present  
Boy Scouts of America 2000-Present  
Environmental Defense Fund 2002-Present  
Texas Forestry Service 2003-Present  
Loomis Austin, Inc. 2003-2006  
TXDOT 2005-Present  
TPWD 2004-Present  
USFWS 2000-Present

NonGame Wildlife Resources:

Big Bend Slider: National Park Service 1998-Present  
TPWD 2001-Present

Mexican Beaded Lizard: Arizona Sonoran Desert Museum 2002-Present

### 4. Workshops:

2011

Gharial species recovery, Conservation Genetics and monitoring. Gharial Survival Alliance. June 2011. Delhi, India. (rescheduled to 2011 out of conflicts with CSG meeting of 2010)

2009

Inaugural Panel Session, National Phenology Network, Animal Phenology program. NatureServe and the National Science Foundation. June 16-19, 2009. Arlington, Virginia, USA.

2007

Forstner, M.R.J. Advanced Phylogenetic Analyses: from markers to genes. Malaysia Genome Institute, University of Malaysia, Kebangsaan. Dec 3-7, Bangi, Selangor, Malaysia. (Invited Workshop leader)

2003

Threats to the Houston toad and research toward its conservation. Long distance Learning course. National Wildlife Federation. Dec 22, 2003. (Invited on-line course)

2001

IUCN Asian turtle workshop: Developing Conservation Strategies through captive management. Jan 2001. Ft. Worth Zoo, Ft. Worth Texas, USA.

1999

Workshop on methods in gene analysis II: DNA sequencing and analysis. 1999. UKM-MTDC Biotechnology Academy, NBD, MOSTE, and Center for Gene Analysis and Technology, University of Malaysia, Kebangsaan. Oct 18-27, Bangi, Selangor, Malaysia. (Invited Workshop leader)

**5. Other:**

N/A

**C. Grants and Contracts**

**1. Funded External Grants and Contracts:**

2011

Forstner, M.R.J. Jan 11-Aug 13. Houston toad (*Bufo houstonensis*) response to habitat recovery efforts, Bastrop State Park, Bastrop, Texas. TPWD

Forstner, M.R.J. and D. Hahn. Feb 11-Nov 15. Assessing connectivity and highway infrastructure permeability in the Houston toad. USFWS/TXDOT.

Forstner, M.R.J. and D. Hahn. Feb 11-Nov 15. Primary and secondary outcomes of fire ant management within Houston toad habitat. USFWS/TXDOT.

2010

Forstner, M.R.J., P. Crump and D. Hahn Sept 2010-Aug 2012. Population supplementation: a proven means toward endangered species recovery for the Houston toad. USFWS/TPWD.

Hoth, D., P. Crump, D. Hahn and M.R.J. Forstner. Jan 11-Dec 12. Range-wide Houston toad conservation *ex situ* operations. USFWS

Mahato, N. and M.R.J. Forstner. Jan 10-Mar 10. Red Panda habitat suitability in Nepal from GIS analysis of the environmental correlates of known detection observations. Houston Zoo, Inc.

2009

Musgrave, D., D. Wolfe, M. Gaston, and M.R.J. Forstner. Jan 10-Dec 11. Houston toad habitat improvement: Musgrave Property. Landowner Incentive Program, Texas Parks and Wildlife Department.

Nava, P., D. Wolfe, M. Gaston, and M.R.J. Forstner. Jan 10-Dec 11. Houston toad habitat improvement: Nava Property. Landowner Incentive Program, Texas Parks and Wildlife Department.

Rust, D., M. Gaston, M.R.J. Forstner and D. Wolfe. Jan 10-Dec 11. Houston toad habitat improvement: Rust Property. Landowner Incentive Program, Texas Parks and Wildlife Department.

Riger, P., P. Crump and M.R.J. Forstner. May 2009-Dec 2010. Houston toad (*Bufo houstonensis*) head-starting program: *Mycobacterium* outbreak supplemental. USFWS.

Wolfe, D. and M.R.J. Forstner July 2009-Aug 2013. Forest Restoration and Enhancement in the Lost Pines Ecosystem with an Emphasis on Recovery of the Houston Toad. Cooperative Conservation Partnership Initiative, USDA.

Forstner, M.R.J. Jan 2010-Dec 2012. Fine scale effects of prescribed fire on the Lost Pines ecosystem. USFWS/TPWD.

Riger, P., P. Crump and M.R.J. Forstner. July 2009-Dec 2010. Houston toad (*Bufo houstonensis*) head-starting program. Mohamed bin Zayed Species Conservation Fund.

2008

Forstner, M.R.J. Dec 08-Dec 09. Gharial recovery planning and critical needs assessment. Batchelor Foundation

Krejca, J. and M.R.J. Forstner. Dec 08-Aug 09. Biological inventory and monitoring at Jacobs Well. Coypu Foundation Trust/Texas River Systems Institute.

Forstner, M.R.J., J.R. Dixon, J.H. Yantis, and J.S. Hatfield. Nov 08-Aug 09. Status review of the Houston toad. USFWS/TPWD.

- Jackson, J., J.R. Dixon, and M.R.J. Forstner June 08-Dec 08. Monitoring of Big Bend slider populations using mark-recapture in Big Bend National Park. NPS.
- Forstner, M.R.J., D. Wolfe, M. Snyder, and D. Hahn,. Jan 08-Dec 11. The Effects of Fire and Other Habitat Manipulations on the Houston Toad (*Bufo houstonensis*) emphasizing removal of fire suppression in occupied habitat. Utilities Houston toad conservation committee.
- Forstner, M.R.J., R. Simpson, Y. Zhang, D. Hahn. Mar 08-Dec 13. Assessing freshwater turtle populations and consequences of harvest regimes across Texas. TPWD
- Forstner, M.R.J. and D. Hahn. Feb 08-Dec 09. Recovery of species imminently threatened by extinction: the Houston toad. USFWS
- Forstner, M.R.J., M.C. Green, and M. Fonstad. Jan 08-Dec 08. GIS model assessment of the Houston toad for areas of scheduled bridge replacements. TXDOT.
- Riger, P., M.R.J. Forstner, D. Hahn, D. Wolfe, P. Crump, and S. Mays. Sept 2008-Jan 2012. Lost Pines private land stewardship supporting high priority species integrating both *in situ* and *ex situ* conservation projects. TPWD/USFWS
- 2007
- Hudson, R., M.R.J. Forstner, D. Hahn, M. Chumchal, R. Drenner, T. Rainwater. 2007. Oct 07-Dec 09. Freshwater turtle trends in the Rio Grande/Rio Bravo and Brazos basin evaluating abundance and bioaccumulation. USDA/TPWD
- Forstner, M.R.J. Mar 07-Dec 13. Houston toads at the headwaters of Alum creek. D. Musgrave family.
- Adnan, A.M., K.T. Ariffin, M.R.J. Forstner, S.A. Harmin, I. Ishak, R.N. Lah, W.K. Lian, R. Mohamed, S.A.M. Nor, A.S. Othman, and D.N. Sin. Jan 07-Aug 09. Asian Sea bass Genomics and Genetics. TOP-DOWN Biotechnology project, National Biotechnology Division, Malaysia.
- Hahn, D. and M.R.J. Forstner. Jan 07-Dec 08. Chytrid fungus risks to Central Texas endangered amphibians. Texas State University REP program.
- 2006
- Forstner, M.R.J. Sept 06-Aug 09. Houston toad metapopulation assessment and genetics: recovery strategies in a widely fragmented landscape. USFWS/TPWD
- Forstner, M.R.J. Jun 06-Nov 11. Landscape scale fire ant management effects on arthropod diversity within Houston toad habitat. USFWS/TXDOT.
- Forstner, M.R.J. Jun 06-Sept 07. Habitat improvements for Endangered species: Rattlesnake Cave.
- Forstner, M.R.J. Mar 06-Dec 09. Habitat and herpetology of South Shore Woods. Pines and Prairies Land Trust.
- Forstner, M.R.J. Jan 06-Nov 11. Houston toad habitat: effects of modifications on highway underpasses on vertebrate travel and mortality. USFWS/TXDOT.
- Forstner, M.R.J. Apr 2006-Dec 2009. Population structure of *Heloderma horridum charlesborgerti*. ASDM
- 2005
- Wolfe, D. and M.R.J. Forstner. Jul 05-Dec 06. Conservation of the Houston toad on private lands in Bastrop County, Texas. Environmental Defense/National Fish and Wildlife Foundation.
- Hahn, D. and M.R.J. Forstner. Aug 05-Aug 07. Incidence and prevalence of chytrid fungus in central Texas. Braun and Associates, Inc. Austin, TX.
- Forstner, M.R.J. and T. R. Simpson. May 05-June 06. Prescribed fire in the Lost Pines: Effects on small mammal fauna of Bastrop State Park. Texas Parks and Wildlife Department.
- Forstner, M.R.J., C. Nice, and D. Hahn. Mar 05-Nov 06. Integrating genomics CE laboratory hardware and fluidics automation within undergraduate and graduate coursework in the Department of Biology, Texas State University|San Marcos. Beckman-Coulter, Inc.

- Forstner, M.R.J. and J.R. Dixon. April 05-Dec 06. Conservation genetic evaluation of *Nerodia harteri* and population status of the snakes in the Colorado and Brazos river systems using state of the art molecular markers and analyses. United States Fish and Wildlife Service.
- Forstner, M.R.J. March 2005-Sept 2007. Introgressive threats to native turtle fauna, *Trachemys gaigeae*. National Park Service.
- 2004
- Forstner M.R.J. May 2004-Dec 2004. Tadpole DNA Analysis 2004. Loomis Austin, Inc.
- Forstner, M.R.J. Jan 2004-Aug 2006. Management of Houston toads on Private lands. Environmental Defense, Plateau Environmental, Mark Daniels.
- 2003
- Forstner, M.R.J. Sept 2003-Dec 2006. Population structure of the captive population of *Heloderma horridum*. ASDM
- Forstner, M.R.J. Oct 2003-Aug 2006. Habitat management options for Houston toads on livestock ranches. USFWS/TPWD/Environmental Defense.
- Forstner, M.R.J. Apr 2003-Aug 2004. Determining the Status of the Rare Rio Grande cooter (*Pseudemys gorzugi*) in the South Texas Plains and Edwards Plateau Regions of Texas. Ft. Worth Zoo and TPWD.
- Forstner, M.R.J. Mar 2003-June 2005. Multiple life-stage tracking of the Houston toad (*Bufo houstonensis*) using active and passive methodologies. USFWS/USGS.
- 2002
- Forstner, M.R.J. Sept 2002-Sept 2003. Baseline assessments in conservation: the Houston toad in Bastrop County. Bastrop County/EPA.
- Forstner, M.R.J. June 2002-May 2004. Genetics of a putative Houston toad hybrid zone. ALCOA
- Forstner, M.R.J. Jan 2002-Dec 2003. Houston toad biology. USFWS/TPWD/BC.
- Forstner, M.R.J. & J. Baccus Jan 2002-Dec 2005. Houston toad life history and genetics. USFWS/TPWD/BSA.
- 2001
- Forstner, M.R.J. May 2001-June 2002. Genetic analyses of unknown tadpoles. ALCOA.
- Forstner, M.R.J. March 2001-March 2002. Habitat use by the Houston toad. ALCOA.
- Pastorini, J. and M.R.J. Forstner. Jan 2001-Dec 2001. Population genetics of Ringtailed lemurs. A.H. Schultz Foundation.
- 2000
- Pastorini, J. and M.R.J. Forstner. Nov 2000-Dec 2001. Population genetics of Mongoose lemurs. Julius Klaus Foundation.
- Forstner, M.R.J. and J. Pastorini. Nov 2000-Jan 2001. Genetic marker development for endangered lemurs.
- Forstner, M.R.J. Mar 2000-Dec 2000. DNA sequence identification of *Bufo* tadpoles including those of the endangered Houston toad (*Bufo houstonensis*). ALCOA.
- 1998
- Forstner, M.R.J. and B.K. Mealey. Jun 1998-Dec 1999. Conservation genetics of *Malaclemys* in Texas and Florida. Species at Risk Program of the USGS.
- Melnick, D., J.C. Morales, M.R.J. Forstner. April 1998. Supplemental award toward: Population genetics, molecular systematics, and the evolution and conservation of Asian macaques and Leaf monkeys. NSF Physical Anthropology Panel.
- 1997
- Melnick, D., J.C. Morales, M.R.J. Forstner. Aug 1997-Jul 2001. Population genetics, molecular systematics, and the evolution and conservation of Asian macaques and Leaf monkeys. NSF Physical Anthropology Panel.

Forstner, M.R.J. and S.K. Davis. Jun 1997-Dec 1998. Population status and genetic variation in U.S. populations of the Big Bend slider (*Trachemys gaigeae*). Species at Risk Program. USGS.

Forstner, M.R.J. and S.K. Davis. Jan 1993-Jan 1995. Phylogenetic analysis of the snake family Boidae using mtDNA sequence data. NSF Dissertation Improvement Grant, #DEB9310983.

## **2. Submitted, but not Funded, External Grants and Contracts:**

Forstner, M.R.J. and D. Hahn. **In review**. Genetics as teacher, tool, and guide: University Capacity Building for Sustainable Management in the Cambodian Mekong Basin. MacArthur Foundation

Tomasso, J., D. Hahn, and M.R.J. Forstner. (Jan 2012-Aug 2012). **In review**. Avoidance designs for Houston toad conservation during FEMA operations in Bastrop County. FEMA  
Forstner, M.R.J. (Jan 2012-Aug2012). **In review**. Avoidance designs for Houston toad conservation during federal highways operations in Bastrop County. TXDOT

Forstner, M.R.J., J.R. Dixon and D. Hahn. (Aug 12-Aug15). **In review**. Drawing on experience in the initiation of 15 years of post-delisting monitoring of the Concho Watersnake (*Nerodia harteri paucimaculata*). USFWS/TPWD

Forstner, M.R.J., M. Jones and D. Hahn. (Aug 12-Aug15). **In review**. Testing habitat restoration options in the Houston toad (*Bufo houstonensis*) within the aftermath of the Bastrop County Complex Fire. USFWS/TPWD

## **3. Funded Internal Grants and Contracts:**

Forstner, M.R.J. Jan 2010-Dec 2010. Leveraging critical genomics hardware into future research success at Texas State University. Texas State University, Associate Vice President for Research, Presidential initiative fund.

Forstner, M.R.J. and D. M. Garcia. Jan 2001-Dec 2001. Phylogenetic analyses of the alpha-actinins and sequence characterization of novel isoforms. SWT-REP Program.

Forstner, M.R.J. May 2000-Aug 2000. Grant and Research Development Award. SWTSU.

Forstner, M.R.J. Jan 2000-Dec 2001. The genetic consequences of an ancient lake for Chihuahuan desert reptiles. SWTSU REP program.

Forstner, M.R.J. April 1998. International Travel Award. University Research Council, FAU.

Forstner, M.R.J. Jan 1998-Jan 1999. Population genetics of the turtle, *Malaclemys terrapin*, in Florida. Florida Atlantic University Research Council.

## **4. Submitted, but not Funded, Internal Grants and Contracts:**

I submit ~1 new requests each year with the results above, unsuccessful projects are most often recycled into new submissions. I have not listed the remaining here.

## **5. Fellowships, Awards, Honors:**

Professor of International Studies (Honorary title). 2011-2014.

Presidential Award for Excellence in Scholarly/Creative Activities (Associate/Full Professor level) 2010. Texas State University, San Marcos, TX. (\$5,000).

Recipient, Presidential Developmental Leave supplemental award (~\$40,000). 2010-2011.

Endowed Chair of Genetics (Alexander-Stone Chair), Texas State University. 2008-2014.

Professor of International Studies (Honorary title). 2008-2011.

Biography published in Who's Who in America. 2009.  
 Biography published in Marquis Who's Who 2008-2009.  
 Excellence in Scholarly/Creative Activities. 2007. San Marcos Chamber of Commerce Education Committee. San Marcos, TX.  
 Biography published in Who's who among American teachers and educators. 2007.  
 Presidential Award for Excellence in Scholarly/Creative Activities (Associate/Full Professor level) 2006. Texas State University, San Marcos, TX.  
 Outstanding Achievement in Academics. 2002. San Marcos Chamber of Commerce Education Committee. San Marcos, TX  
 SWTSU Presidential Award for Excellence in Scholarly/Creative Activities (Assistant Professor level), 2001. Southwest Texas State University. San Marcos, TX.

### III. TEACHING

#### A. Teaching Honors and Awards:

N/A

#### B. Courses Taught:

2000-present

Undergraduate: BIO 2450 Genetics

BIO 4299 Undergraduate Research

BIO 4369 Biosystematics

BIO 4465 Entomology

BIO 3401 Evolution & Genetics

BIO 4434 Herpetology

BIO 4299 Undergraduate Research

BIO 1420 Zoology

Graduate:

BIO 7466 Advanced Phylogenetics

BIO 7102 Seminar in Aquatic Resources

BIO 5434 Herpetology

BIO 7402 Molecular Field Techniques

BIO 5466 Phylogenetic Methods

BIO 7314 Research Experience

BIO 7303 Research

BIO 7203 Problems in Aquatic Resources

BIO 5465 Entomology

BIO 5319 Topics in Ecology (Molecular Biology)

BIO 5466 Phylogenetic Methods

BIO 7360 Special Topics in Biology/Aquatic Resources

1997-1999 (Florida Atlantic University)

Undergraduate: BSC 4427L Biotechnology Lab II (was Biotechnology)

BSC 4403L Biotechnology Lab I (was Intermediate Microbiology)

PCB 4674 Evolution

PCB 3063 Genetics

PCB 4522 Molecular Genetics

BSC 4905 Undergraduate Directed Independent Studies

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

**Ph.D. STUDENTS SUPERVISED:****Current: 6 (Chair), 7 total**

Emrah Ozel (Ph.D. 2011-exp 2015). Phylogeography in the karst invertebrates of Central Texas. Texas State University, San Marcos, TX. Chair.

Margaret Collins (Ph.D. 2009-exp2012). Impact of Large Scale Habitat Change from Impoundments and Effects on Surrounding Avian Communities in the United States. Texas State University, San Marcos, TX. Co-Chair.

Melissa Jones (Ph.D. 2010-exp 2014). Genetics and Ecology of headstarting an endangered amphibian. Texas State University, San Marcos, TX. Chair.

Ivana Mali (Ph.D. 2010-exp 2014). Sustainability in wildlife utilization. Texas State University, San Marcos, TX. Chair.

Donald Brown (Ph.D. 2009- exp 2013). Aquatic ecosystem effects from prescribed fire in southern forests. Texas State University, San Marcos, TX. Chair.

Brian Mealey (Ph.D. exp 2008 (2004, candidacy 2007)). Vertebrate ecology of the Florida Bay estuarine vertebrates. Florida Atlantic University. Davie, FL. Committee member.

Shawn McCracken (Candidacy 2008, Ph.D. exp 2010). Modeling hydrologic patterns correlated with diversity in tropical amphibians. Texas State University, San Marcos, TX. Chair

**Graduates: 4 as Chair/co-Chair, 9 total**

James (Buddy) Gaertner Ph.D. 2010. The autecology of Salmonella. Texas State University, San Marcos, TX. Committee member.

Jake Jackson Ph.D. 2010. Consequences of anthropogenic changes in the Rio Grande drainage on vertebrate community composition and population dynamics. Texas State University, San Marcos, TX. Chair.

Diana McHenry Ph.D. 2010. Population genetics and endemism, the Houston toad and sympatric proxy in understanding its historical population dynamics. University of Missouri, Columbia, MO. Co-Chair.

Allana Welsh Ph.D. 2009. Microbial ecology of the soil bacteria, *Frankia*. Texas State University, San Marcos, TX. Committee member. Current Position: Post doc, Upsalla, Sweden.

Todd Swannack Ph.D. 2007. Ecology of the Houston toad (*Bufo houstonensis*). Texas A&M University, College Station, TX. Committee member. Current Position: Post doc, Texas A&M University

David Rodriguez Ph.D. 2007. The genetics of endangered species recovery: an example from *Crocodylus acutus*. Texas Tech University. Lubbock, TX. Co-Chair. Current Position: NSF post doc, Cornell University.

Jennifer Pastorini Ph.D. 2000. Molecular systematics of lemurs. University of Zürich, Zürich, Switzerland. Co-chair. Current Position: Research Scientist, Centre for Conservation and Research, 35 Gunasekara Gardens, Nawala Road, Rajagiriya, Sri Lanka.

Adura Adnan Ph.D. 1999. Conservation genetics of the Malaysian mouse deer (*Tragulus*). University of Malaysia, Kuala Lumpur, Malaysia. External Advisor. Current Position: Assistant professor, University of Malaysia, Kuala Lumpur, Institute of Biotechnology and Life Sciences, KL, Malaysia.

Wen Wang Ph.D. 1996. Conservation genetics of the Chinese leaf monkeys. Kunming Institute, Kunming, China. External Advisor. Leader, Max Planck Junior Research Group on Evolutionary genomics and deputy director of the Key laboratory of cellular and molecular evolution, and Assistant director of the Kunming institute of Zoology, Chinese Academy of Sciences.

**M.Sc. STUDENTS SUPERVISED: Current: 5 (Chair); 6 total**

- Derek Wallace (M.Sc. 2010-2012). GIS assessment of habitat loss and modification in the Houston toad. Texas State University. San Marcos, TX. Chair.
- Mindy Murray (M.Sc. 2010-2012). Identifying prey base for predators using molecular tools. Texas State University. San Marcos, TX. Chair.
- Devin Preston (M.Sc. 2010-2013). Tadpole responses to predation. Texas State University. San Marcos, TX. Chair.
- Steven Bird (M.Sc. 2010-2012). TBA. Texas State University. San Marcos, TX. Chair.
- Amber Harper (M.Sc. 2008- exp 2010). Comparative methods for assessing drought impacts on nongame wildlife resources. Texas State University. San Marcos, TX. Chair.
- Rebecca Holihan (M.Sc. 2007-exp 2009). Assessing success in sea turtle rehabilitation efforts in Texas. Texas State University. San Marcos, TX. Chair.
- Jim Bell (M.Sc. 2005-exp 2009). Detection of rare fauna using automated and molecular techniques. Texas State University. San Marcos, TX. Chair.

**Graduates: 27 (Chair); 39 total**

2011

- Megan Lindsay (M.Sc. 2009- 2011). Turtle effects in pond ecosystems. Texas State University. San Marcos, TX. Committee Member.

2010

- Naveen Mahato (M.Sc. 2008-2010). Conservation planning in the red panda of Nepal. Texas State University. San Marcos, TX. Chair.
- Amanda Schultz (M.Sc. 2009-2010). Inferring population changes of freshwater turtles in south Texas. Texas State University. San Marcos, TX. Chair.
- Brian Dickerson (M.Sc. 2009-2010). Impacts of urbanization on freshwater turtle demographics. Texas State University. San Marcos, TX. Chair.

2009

- Vincent Farallo. 2009. Population genetics of mottled rock rattlesnakes (*Crotalus lepidus lepidus*) toward an understanding of adaptive color hypotheses. Texas State University. San Marcos, TX. Chair.
- Romey Swanson. 2009. Amphibian, Reptile and Mammal Assemblages of Palmetto State Park and the Ottine Wetlands with Comparisons to Historical Data. Texas State University. San Marcos, TX. Committee Member.

2008

- Donald Brown (M.Sc. 2007-2008). The effects of three decades of change on the south Texas aquatic turtle community. Texas State University. San Marcos, TX. Chair.
- Akiko Fujii (M.Sc. 2006-2008). Conservation genetics in Texas tortoises (*Gopherus berlandieri*). Texas State University. San Marcos, TX. Chair.
- Michele Gaston (M.Sc. {2001}2006-2008). Are common reptile and amphibian taxa also in decline? Texas State University, San Marcos, TX. Chair.
- Julie Parlos (M.Sc. 2005-2008). Effects of roost size on the metapopulation genetics in microchiropterans. Texas State University. San Marcos, TX. Chair.
- Daniela Buzo (M.Sc. 2006-2008). Conservation stewardship using GIS modeling and tools in habitat characterization of the Houston toad. Texas State University. San Marcos, TX. Chair.

2007

- David Von Miller (M.A. 2004-2007). A GIS approach for the Texas Diamondback terrapin, *Malaclemys terrapin littoralis* applicable for management and conservation priorities. University of West Florida, Pensacola, FL. Practicum Supervising Advisor (Faculty Chair).
- James (Buddy) Gaertner (M.Sc. 2005-2007). Tracking wildlife pathogens in applications of ecosystem management. Texas State University. San Marcos, TX. Committee member.
- John McVay (M.Sc. 2004-2007). Phylogeography of the blotched watersnake (*Nerodia erythrogaster*) in Texas. Texas Tech University. Lubbock, TX. Committee member.

2006



- Zach Gompert (M.Sc. 2004-2006). Evolutionary consequences of hybridization in the *Lycaides* species complex. Texas State University. San Marcos, TX. Committee member. Current Position: Doctoral Student, University of Cambridge, UK.
- Melissa Jones. M.Sc. 2006. Effects of prescribed burns on small mammal populations with comments on amphibian populations. Texas State University. San Marcos, TX. Chair. Current Position: Lecturer, Comparative Anatomy, Virginia.
- Angela Feltoon M.Sc. 2006. Conservation genetics using mtDNA and microsatellite markers in the beaded lizards. Texas State University. San Marcos, TX. Chair. Current Position: Research Technician III, Ambion, a division of Applied Biosystems.
- 2005
- Adam Ferguson M.Sc. 2005. Predation effects and consequences to pit fall survey assessments of vertebrate fauna. Texas State University. San Marcos, TX. Chair. Current position: Museum Assistant, San Angelo State University, San Angelo, Texas.
- Lindley Bailey M.Sc. 2005. Conservation genetics in Texas river turtles. Texas State University. San Marcos, TX. Chair. Current Position: doctoral student, Texas State University. Current Position: Air Quality Planning section, TCEQ, Austin, Texas. (512) 239-0003.
- Maurine Spencer M.Sc. 2005. Population genetics of locally endemic butterflies. Texas State University. San Marcos, TX. Committee member. Current Position: IPC High School teacher, Dallas, TX.
- Jonas Rosenthal M.Sc. 2005. Phylogeographic signatures of a Pleistocene lake in west Texas. Texas State University. San Marcos, TX. Chair. Current Position: Human ancestry researcher, laboratory technician, Trace Genetics, Richmond, CA.
- 2004
- Christa Bates M.Sc. 2004. Gene regulation in biofilm formation. Texas State University, San Marcos, TX. Committee member. Current Position: Laboratory Technician, Ambion, Inc., Austin, TX.
- Nicole Burpo M.Sc. 2004. Dietary protein effects on the Black Knob Sawback (*Graptemys nigrinoda*). Texas State University. San Marcos, TX. Chair. Current Position: Research Scientist, Division of Waste Management, 14 Reilly Road, Frankfort, KY 40601, (502) 564-6716 ext. 244, Fax (502) 564-2705.
- Prasad Phatarpekar M.Sc. 2004. Isolation and sequencing of Muscarinic Acetylcholine Receptor genes from fish. Texas State University. San Marcos, TX. Committee member. Current Position: doctoral student, University of Oklahoma
- Kensley Greuter M.Sc. 2004. Survivorship and growth in the endangered Houston toad. Texas State University, San Marcos, TX. Chair. Current Position: Supervisor, water resource quality, TCEQ, Austin TX
- Dijar Lutz-Carillo M.Sc. 2004. Evaluation of polymorphic microsatellite loci in largemouth bass (*Micropterus salmoides*). Texas State University, San Marcos, TX. Committee member. Current Position: Research scientist, population genetics, TPWD, San Marcos, TX
- 2003
- Sue Morris M.Sc. 2003. Systematic status of *Blarina* in the Lost Pines, Bastrop Co. TX. Texas State University, San Marcos, TX. Chair. Last known Position: doctoral student, Texas State University
- Gina Lobban M.Sc. 2003. Molecular dynamics of intra-erythrocyte parasites in chelonian populations. SWTSU, San Marcos, TX. Chair. Current Position: Instructor, community college
- 2002
- Diana McHenry M.Sc. 2002. Molecular systematics of the Texas genera of Nyctaginaceae. SWTSU, San Marcos, TX. Chair. Current Position: doctoral student, University of Missouri, Columbia, MO

- Mike McFadden M.Sc. 2002. Phylogenetic evaluation of the Corn snake (*Elaphe guttata*). SWTSU, San Marcos, TX. Chair. Current Position: DVM surgical intern, Texas A&M University
- Dolores Weisbaum M.Sc. 2002. Description and distribution of antennular setae of Scyllarid lobsters (*Scyllarides aequinoctialis*, *S. latus*, and *S. nodifer*) with comments on their possible function. SWTSU, San Marcos, TX. Chair. Current Position: Technician, UTMB, Galveston, TX
- Matt Stephens M.Sc. 2002. Phylogenetic dynamics of feeding apparatus in cichlid fishes. SWTSU, San Marcos, TX. Committee member.
- 2001
- Lindsay Miller M.Sc. 2001. Effects of hurricane Georges on a population of *Malaclemys terrapin* in Florida bay. FAU, Davie, FL. Co-chair. Current Position: Instructor, Nova SE University, Davie, FL.
- Jamie D. Dixon M.Sc. 2001. The genetic constitution of a possible *alpha*-actinin isoform. SWTSU, San Marcos, TX. Committee member. Current Position: Self employed, Bulverde, TX
- Janie Nelan M.Sc. 2001. Egg comparisons and volume estimation methods between the common musk turtle (Kinosternidae: *Sternotherus odoratus*) and the Texas tortoise (Testudinidae: *Gopherus berlandieri*). SWTSU, San Marcos, TX. Committee member. Current Position: doctoral student, UT Arlington, Arlington, TX
- Katy Windham M.Sc. 2001. Acyl-homoserine lactone recruitment of bacteria into biofilms. SWTSU, San Marcos, TX. Committee member. Research Technician II, Cornell University, Ithaca, NY.
- 2000
- Chris White M.Sc. 2000. Phylogenetic relationships among members of the crinoid family Comasteridae from DNA sequence analyses of extant taxa. NOVA, Davie, FL. Committee member.
- 1999
- Pat Razzano, M.Sc. 1999. Genetic variation in North American populations of the six-lined racerunner (*Cnemidophorus sexlineatus*). Hofstra University, Long Island, NY. External Advisor. Current Position: North Shore/LIJ Research Institute, Manhasset, NY 11030.

#### **D. Courses Prepared and Curriculum Development:**

BIO 2450 Genetics  
 BIO 4369 Biosystematics  
 BIO 5466 Phylogenetic Methods  
 BIO 7466 Advanced Phylogenetics  
 BIO 7402 Molecular Field Techniques

#### **E. Funded External Teaching Grants and Contracts:**

Forstner, M.R.J. Feb 06-Dec 10. Student conservation stewardship award for Houston toad research. Bluebonnet Electric. (\$64,781)

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

N/A

#### **G. Funded Internal Teaching Grants and Contracts:**

Rodriguez, D. and M.R.J. Forstner. June 06-Aug 06. Predoctoral fellowships in Science for underrepresented minorities. Texas State University. (\$11,000)

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

N/A

**I. Other**

N/A

**IV. SERVICE****A. University:**

Proposal development and submission committee 2011-present  
 Blanket travel policy committee 2011-present  
     Texas State Vivarium proposal committee 2009-2011  
     Freeman Ranch Advisory Board, 2004-2011  
 IACUC-committee member, 2000-2004, 2010-present  
     IACUC-Chair, 2004-2010  
 University Ambassadors Council: Department of Biology Representative, 2006-present  
     Academic Computing Committee, 2008-2010  
     College Review Committee (alternate) 2008-2010  
 College Representative, Research Enhancement Program 2011-present  
     Presidential award (Scholarship), Selection committee member, 2001-2002  
     Mitte Chair in Water Search Committee member 2007  
     Presidential Award (Scholarship), Selection committee member, 2006-2007

**B. Departmental:**

Graduate committee, member 2001-2010  
 Development Committee, member 2006-present  
 Computers and Network committee, member 2004-2010  
 Aquarena Building Management Committee, Chair 2008-2010  
     Land and Properties Use Committee, Chair 2004-2008  
     Space committee, Chair 2007-2008  
     member 2005-2007  
     Norris Award committee 2005-2010  
     Research committee, member 2004-2007  
     Tenure/promotion/continuance committee, member 2004-2005  
     Mitte Chair development committee, member 2004-2006  
     Academic Program review committee, member 2004-2005  
     Safety committee, 2001-2005  
     Annual Review committee (Scholarship), member 2004-2005  
     Planning committee, 2002-2004

**C. Community:**

Professional Advisor (exotics), City of Austin, Town Lake Animal Shelter, 2001-present  
     Houston toad Biological Advisory council, 2000-2002  
     Scientific Review Board, Miami Museum of Science, 1999-2003

**D. Professional:****International:**

Gharial Survival Alliance species recovery plan working group 2009-present  
 Scientific advisory group member, Institute of Biotechnology, University of Malaysia 1999-present  
     IUCN Turtle Survival Alliance founding partner, 2001-2008

IUCN/TSA/SSC Steering committee member, 2003-2007  
 IUCN/TSA/SSC TMG Chair (*Erymnochelys madagascariensis*), 2005-2007  
 IUCN/TSA/SSC TMG co-Chair (*Erymnochelys madagascariensis*), 2003-2005  
 IUCN/TSA/SSC Scientific advisor, 2002-2004  
 IUCN/TSA/SSC TMG Chair (*Heosemys grandis*), 2001- 2005

**National:**

Houston toad habitat delivery team, 2010-present  
 Houston toad Recovery team member, 2001-present  
 Elect Member, Board of Scientists, Chihuahuan Desert Research Council 1999-present  
 Grant Reviewer: NSF, National Geographic, IUCN/TSA, National Wildlife Federation  
 Molecular Ecology, Molecular Evolution  
 Tewksbury Herpetological Institute, Advisory board member, 2003-2005

**State:**

Bastrop County Environmental Recovery and Rehabilitation Team 2011-present  
 Bastrop County Wildlife Management subcommittee 2011-present  
 Bastrop County Habitat restoration subcommittee 2011-present  
 Texas Conservation Action Plan, Core team 2010-present  
 Lost Pines Habitat Conservation Plan, Biological Advisory team 2009-present  
 Grant reviewer: Texas Academy of Science  
 President-Texas Herpetological Society 2005-2006  
 President Elect-Texas Herpetological Society 2004-2005  
 Vice President- Texas Herpetological Society, 2003-2004

**E. Organizations**

President-Texas Herpetological Society 2005-2006  
 President Elect-Texas Herpetological Society 2004-2005  
 Vice President- Texas Herpetological Society, 2003-2004  
 Elect Member, Board of Scientists, Chihuahuan Desert Research Council 1999-present  
 Scientific Review Board, Miami Museum of Science, 1999-2003

**1. Honorary:****2. Professional:**

Society of Systematic Biologists, 2001-present  
 Society for the Study of Amphibians and Reptiles, Life Member 1998-present  
 Southwestern Association of Naturalists Life Member 2005-present  
 Texas Academy of Science, 2000-2004  
 American Society of Ichthyologists and Herpetologists, 1998-2000