TEXAS STATE VITA

I. ACADEMIC/PROFESSIONAL BACKGROUND

A. Name: Huffman, David G. Title: Professor of Biology

B. Educational Background

Degree	*Year*	*University*	*Major*	*Thesis/Dissertation*
Ph.D.	1973	University of New Hampshire, Durham, NH	Zoology	An analysis of morphological variability in North American *Echinorhynchus* Zoega in Mueller, 1776 (Acanthocephala).
M.S.	1970	Marshall University, Huntington, WV	Biology	*Fessisentis shoemakeri* sp n. (Acanthocephala: Fessisentidae) from the larvae of *Ambystoma opacum* (Caudata), with notes on the life cycle.
A.B.	1968	West Virginia University, Morgantown, WV	Biology	n/a

C. University Experience

Position	*University*	*Dates*
Technical Support Coordinator, Faculty Advancement Center	Texas State University	1989-2004
Professor of Biology	Texas State University	1983-
Associate Professor Biology	Texas State University	1978-83
Assistant Professor Biology	Texas State University	1973-78
Histology Lab Instructor	University of New Hampshire	1972
Laboratory Instructor	Marshall University	1968-69
Research Assistant, undergraduate	West Virginia University	1966-67

D. Relevant Professional Experience

Position	*Entity*	*Dates*
President	Southwestern Association of Parasitologists	1983-84
Advisory Board	U.S.D.A. Index-Catalog of Medical and Veterinary Zoology	1982-84
Secretary-Treasurer	Southwestern Association of Parasitologists	1980-83
Representative to American Society of Parasitologists	Southwestern Association of Parasitologists	1979

II. TEACHING

A. Courses Taught at Texas State

(† indicates new courses developed for Department):

Department	Number	Title
Biology	1310	Principles of Biology
Biology	1320	Modern Biology I

Biology	1410	General Biology (botany)
Biology	1420	General Biology (zoology)
Biology	1421	Modern Biology II
Biology	2340	Human Anatomy and Physiology
Biology	3460	Aquatic Biology
Biology	4299	Undergraduate Research
Biology	43/5301	Evolution
Biology	43/5310	Field Biology of Plants
Biology	44/5413	General Parasitology
Biology	4316	General Ecology
†Biology	43/5321	Ornithology
Biology	44/5425	Biometry
Biology	5110	Seminars in Biology
†Biology	5336	Parasites and Diseases of Fishes
Biology	5390	Problems in Biological Sciences

B. Graduate Theses

1. In Progress (by expected completion year)

2025 Silvagni, Enzo. A novel device based on counter-current heat exchange for simultaneously studying factors affecting the thermal preference, CT_{min}, and CT_{max} of small aquatic organisms.

2. Completed

2024 Donelon, M. Tanner. A prototypical thermal-preference assessment device for studying factors affecting the thermal biology of small aquatic animals.

2022 Peña, Tania. Endangered fishes, invasive parasites, and migratory birds: A study in habitat modification to interrupt parasitic life cycles.

2020 Bond, Alan. Investigations into *Huffmanela* (Nematoda: Trichosomoididae): New populations, life cycles, and eggshell ultrastructure.

2019 Leach, Jeremiah. The distribution and biology of the invasive eyefluke of waterfowl (*Philophthalmus gralli*) in Texas.

2019 Scott, Allison Elaine. Two highly invasive parasites now in ecologically sensitive Texas waters: Conservation implications from caged-fish, distributional, and physiological studies.

2018 Clements, Kelby A. Experimental tests of the effects of exotic heterophyid metacercariae on the swimming endurance of small fish hosts.

2016 Harding, Stephen F. Range expansion of an exotic Asian snail (*Melanoides tuberculata*) into Central Texas rivers, and the parasitological consequences thereof.

2015 Worsham, McLean LD. *Huffmanela huffmani*: Life cycle, natural history, and biogeography.

2014 Huston, Daniel C. Invasive heterophyid trematodes and their native aquatic hosts in Texas.

2008 Cook-Hildreth, Sandra L. Exotic armored catfishes in Texas: Reproductive biology, and effects of foraging on egg survival of native fishes (*Etheostoma fonticola*, endangered; and *Dionda diaboli*, threatened).

2007 O'Docharty, Erin. Studies on the life cycle of *Huffmanela huffmani* (Nematoda: Trichosomoididae).

2007 Bolick, Anne. The effects of spring flow on the abundance of heterophyid cercariae in the Comal River, New Braunfels, TX.

2007 Kuhlman, Tiffany A. The predominant definitive avian hosts of the invasive Asian trematode, *Centrocestus formosanus,* in the headwaters of the Comal, San Antonio, and San Marcos rivers of central Texas.

2004 Bock, Jennifer. Nesting ecology and ontogeny of hatchling Neotropic Cormorants (*Phalacrocorax brasilianus*).

2002 Reimer, Marsha May. Baseline survey and checklist of the birds of San Marcos Springs, Hays County, TX and surrounding vicinity.

2002 Fleming, Byron Paul. Downstream spread of the digenetic trematode *Centrocestus formosanus*, into the Guadalupe River, Texas.

2000 Salmon, Melissa J. Impact of an undescribed heterophyid trematode on the fountain darter *Etheostoma fonticola*.

1998 Cox, Marlin Keith. The distribution and life cycle of Huffmanela huffmani (Nematoda: Trichosomoididae).

1993 Stacell, Mark A. Oxytetracycline induced photosensitivity in channel catfish (*Ictalurus punctatus*).

1985 Bell, Ronny. A three-year survey of the diurnal birds of Hays County, Texas, with analysis of habitat and seasonal relationships.

1984 Michel, Gregory D. The biology of *Capillaria* sp. (Nematoda: Capillariidae) from gas bladders of sunfishes of the upper San Marcos River.

1984 Mathis, Michael. Studies on the life history of *Diplostomulum scheuringi* (Trematoda: Strigeoidea).

1984 Ahlm, Lief A. The effects of yellow grub (*Clinostomum marginatum*: Digenea, Trematoda) on the growth and condition of largemouth bass (*Micropterus salmoides*).

1982 Crowell, Diana K. Alarm calls and seeet calls of some Central Texas sparrows.

1980 Hurd, Sylvia L. A survey of the helminths of fishes from a hill country stream in Central Texas: with a description of a *Neascus metacercaria*.

1979 Lindholm, Jay Jack Titus. The gastropods of the upper San Marcos River and their trematode parasites.

1978 Schneider, Stanley. An ecological survey of the Helminths of *Gambusia affinis*: (Osteichthyes: Poeciliidae) from a pond environment in San Marcos, Texas.

1978 Phillips, Robert W. A comprehensive study of parasite dynamics at a warm-water fish hatchery in Central Texas.

1976 Martin, Marie H. An ecological survey of the helminths of *Notropis venustus* and *Notropis lutrensis* (Cyprinidae) from the area of San Marcos, Texas.

1976 Martin, James Lenial. An ecological survey of the helminths of *Sigmodon hispidus* (Rodentia: Cricetidae) from the area of San Marcos, Texas.

1975 Davis, Jack R. The ecology of the helminth parasites of *Gambusia affinis* and *Gambusia geiseri* (Osteichthyes: Poeciliidae) in the area of San Marcos, Texas.

C. Courses Prepared and Curriculum Development:

- Biology 44/5421 Ornithology
- Biology 5436 Parasites and Diseases of Fishes

D. Funded External Grants and Contracts:

2016 USFWS (Huffman, PI). Design and Implementation of a Thermal Preferenda Device for Small Aquatic Organisms. Funded @ $2,181.95.

2016 USFWS (Huffman, PI). Programming, and Replacement of Digital Controllers, for Two Environmental Chambers for CT_{min} Studies. Funded @ $2,140.00.

1995 (with Kevin Jones and Tom Arsuffi). From Descriptive to Adaptive Understanding: Using Interactive Computer Simulation in Quantitative Biology

and Statistics Labs. Similar NSF ILI proposals submitted 92, 93, and 94. Funded @ $124,64200 for a period of 3 years.

1980 NSF-ISEP. (John Durrett, P.I.) Computer laboratory for science educators. Funded at $20,000.00

1979 NSF-ISEUSE. (Paul Fonteyn, P.I.) Equipment needs to initiate a plant ecology course and to enhance the existing plant anatomy and biometry courses. Funded at $39,272.00

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

2024 Edwards Aquifer Authority (with assistance and support of USFWS) (Huffman, PI). Design and Implementation of a Thermal Preferenda & $CT_{min/max}$ Device for Small Aquatic Organisms. Applied in 2023-24; (actually funded @ ca $10,000 early Jan 2025)

2013 Texas Parks and Wildlife Department Traditional Section 6 Proposal. mtDNA sequences of some local morphs of *Melanoides tuberculata*, the obligate 1st host of a devastating gill parasite of *Etheostoma fonticola*, *Dionda diaboli*, et al. Requested $33,909.00

1996 Texas Telecommunication Infrastructure Fund. Application for funds to Equip Hernandez Middle School.
Requested $279,653.

1980 SF-DISE. (Theron Stimmel, P.I.) Workshops in computer instruction use for pre-college science teachers.
Funds requested $31,746.15

1979 NSF-CAUSE. (Grady Early, P.I.) Comprehensive computer retraining, literacy and instruction program.
Funds requested $214,914.00

1978 NSF-CAUSE. (Don Hazelwood, P.I.) Comprehensive computerization of science instruction project
Funds requested $248,702.00.

F. Funded Internal Grants and Contracts:

2010 Academic Computing Committee grant. Replacement of Ten Aging Laptops in Freeman Teaching Lab. Funded at $12,340.00

2009 (with Dan Smith) Academic Computing Committee grant. Replacement of Aging Computers in Freeman Teaching Lab and Supple Open Lab.
Funded at $20,848.00.

2008 Academic Computing Committee grant. Replacement of 10 Aging Laptops and Podium Equipment in Freeman Teaching Lab.
Funded at $18,827.00.

2006 (with Butch Weckerly). Academic Computing Committee grant. Replacement of Obsolete Computing Equipment in Freeman Aquatic Biology Teaching Lab.
Funded at $26,869.00.

1992 (with Al Groeger and Tom Arsuffi). VPAA/Senate Educational Computing Mini-Grant. Teaching Technologies Cart for Aquatic Biology.
Funded at $17,450.00.

G. Submitted, but not Funded, Internal Grants and Contracts:

1983 SWTSU/FAC Instructional Development proposal. A System for managing large question files on the DEC-10 interfaced with Apple Super PILOT.
Funds requested $1,800.00.

H. Other:

III. SCHOLARLY/CREATIVE

A. Works in Print

1. Books (not refereed)

2005 Huffman, DG. PowerPoint lectures on instructor CD in Mader's Biology, 9/e, McGraw-Hill.

2001 Huffman, DG. PowerPoint lectures on instructor CD in Audesirk and Audesirk's: Biology, 6/e. Prentice-Hall.

2. Refereed Journal Articles, with graduate and undergraduate coauthors so indicated

a. In Preparation, by expected date of acceptance

2025 Peña, T; Castro, Ivan; Green, Clay; Huffman, DG. *Butorides* herons, floating vegetation, and topminnows: An ecospatial nexus where heterophyid spillover from invasion of *Melanoides tuberculata* gets amplified from nuisance enzootics to crisis epizootics. (Based on Peña thesis; almost ready to submit).

2025 Peña, T; Castro, I; Green, C; Huffman, DG. A potential explanation of and mitigation point for heterophyid epizootics and clinical heterophyidiasis caused by floating mats of vegetation. (This will be a short synopsis of Peña, 2025 ecospatial-nexus paper, but oriented toward clinicians of 3rd World countries dealing with serious fish-borne human helminthiases, and offers a previously unknown potential mitigation of threats to humans and fishes. I discovered this link while studying invasive Asian parasites in Comal Springs.)

2025 Clements, K; Huffman, DG. Decline in swimming performance of two cyprinids after controlled experimental infection with invasive heterophyids: A quantitative analysis. (Still needs some organizational work; based on Clements thesis).

2026 Scott, AE; Clements, K; Leach, J; Harding, S; Huston, D; Donelon, MT; Bond, A; Huffman, DG. A 60 y chronicle of parasite spillover from *Melanoides tuberculata* threatening ducks and imperiled fishes in their natural Texas habitats. (This manuscript needs updating, but should be relatively easy to bring to submission status; based on multiple theses).

b. Submitted

c. Under Review (by expected year of acceptance)

d. In Press

e. Published

2023 Moravec, F; Huffman, DG; de Buron, I; González-Solís, D. Redescriptions of *Spinitectus acipenseri* and *S. micracanthus* (Nematoda, Cystidicolidae), with notes on the taxonomy of *Spinitectus*-like nematodes parasitising North American fishes. Parasite 30, 33: 1-17. (**Invited author**).

2023 Bond, A and Huffman, DG. Nematode eggshells: A new anatomical and terminological framework, with a critical review of relevant literature and suggested guidelines for the interpretation and reporting of eggshell imagery. Parasite 30 (6): 1-53.

2023 Worsham, MLD; Bond, A; Gibson, JR; Huffman, DG. Biogeography of selected spring endemics in Texas interglacial-drought refugia with unexpected insights from a spring-dependent nematode parasite. Hydrobiology 2(1), 97–133.

2022 Al-Sabi, MNS; Ibrahim, MM; AlHizab, F; Al-Jabr,OA; Al-Shubaythi, S; Huffman, DG. *Huffmanela selachii* n. sp. (Nematoda: Trichosomoididae: Huffmanelinae): a new species infecting the skin of the great hammerhead shark (*Sphyrna mokarran*) and the blacktip reef shark (*Carcharhinus melanopterus*) in the Arabian Gulf, off-shore Saudi Arabia. Saudi Journal of Biological Sciences 29 (12): (https://doi.org/10.1016/j.sjbs.2022.103430). (**Invited author**; all other authors Saudis).

2022 Bullard, SA; Moravec, F; Ksepka, SP; Warren, MB; Dutton, HR; Huffman, DG; Yanong, Roy, PE. *Huffmanela* cf. *huffmani* (Nematoda: Trichosomoididae) infecting swim bladder, peritoneum, and gonad of variable platyfish, *Xiphophorus variatus* (Cyprinodontiformes: Poeciliidae) and eastern mosquitofish, *Gambusia holbrooki* (Poeciliidae) in Florida; taxonomy, phylogenetic analysis, and pathological changes. Parasitology Research 121: 2307-2323. (https://doi.org/10.1007/s00436-022-07570-z). (**Invited author**)

2019 Ramos, P; R Carvalho; F Rosa; G Alexandre-Pires; F Seixas; A Esteves and DG Huffman. *Huffmanela lusitana* sp. n.(Nematoda: Trichosomoididae) infecting pouting, *Trisopterus luscus* (Teleostei: Gadidae) off the Atlantic coast of Portugal. International Journal of Parasitology: Parasites and Wildlife 9:266-273. (**Invited author**; all other authors from Portugal).

2017 Worsham, MLD; EP Julius; CC Nice; PH Diaz and DG Huffman. Geographic isolation facilitates the evolution of reproductive isolation and morphological divergence. Ecology and Evolution 7(23):10278-10288

2016 Moore, AM; MC Green; DG Huffman and TR Simpson. Green Herons (*Butorides virescens*) in an urbanized landscape: Does recreational disturbance affect foraging behavior? American Midland Naturalist 176(2): 222-233.

2016 Worsham, MLD; DG Huffman and JR Gibson. The aquatic annelid fauna of the San Marcos River headsprings, Hays County, Texas. ZooKeys 618: 1-14.

2016 Cook-Hildreth, SL; TH Bonner and DG Huffman. Female reproductive biology of an exotic suckermouth armored catfish (Loricariidae) in the San Marcos River, Hays Co., Texas, with observations on environmental triggers. Bioinvasions Records 5(3): 173-183.

2016 Worsham, MLD; DG Huffman; F Moravec and JR Gibson. The life cycle of *Huffmanela huffmani* Moravec, 1987 (Nematoda: Trichosomoididae), an endemic marine-relict parasite of Centrarchidae from a Central Texas spring. Folia Parasitologica 63(020): 15 pp.

2015 Bock, JA; MC Green and DG Huffman. Nesting ecology and hatchling ontogeny of Neotropic Cormorants (*Phalacrocorax brasilianus*). Bulletin of the Texas Ornithological Society 48(1-2):1-17.

2014 Huston, DC; MLD Worsham; DG Huffman and KG Ostrand. Infection of fishes, including threatened and endangered species by the trematode parasite *Haplorchis pumilio* (Looss, 1896) (Trematoda: Heterophyidae). Bioinvasions Records 3(3):189-194.

2014 Huston, DC; V Cantu and DG Huffman. Experimental exposure of adult San Marcos salamanders and larval leopard frogs to the cercariae of *Centrocestus formosanus*. Journal of Parasitology. 100(2):239-241.

2012 Johnson, MS, A Bolick; M Alexander; DG Huffman; E Oborny and A Monroe. Fluctuations in densities of the invasive gill parasite *Centrocestus formosanus* (Trematoda: Heterophyidae) in the Comal River, Comal County, Texas, U.S.A. Journal of Parasitology 98(1):111-116.

2011 Fleming, BP; DG Huffman; TH Bonner and TM Brandt. Metacercarial Distribution of *Centrocestus formosanus* (Digenea: Heterophyidae) among fish hosts in the Guadalupe River drainage of Texas. Journal of Aquatic Animal Health 23(3):117-124.

2010 Pound, KL; WH Nowlin; DG Huffman and TH Bonner. Trophic ecology of a nonnative population of suckermouth catfishes (*Hypostomus*) in a central Texas spring-fed stream. Environmental Biology of Fish 90:277-285.

2009 Baccus, JT; JM Hardwick; DG Huffman and MA Kainer. Seasonal trophic ecology of the white-ankled mouse, *Peromyscus pectoralis* (Rodentia: Muridae) in central Texas. Texas Journal of Science 61(2):97-118.

2007 Muzzal, PM and DG Huffman. In memorium: Wilbur L Bullock, 1922–2007. Journal of Parasitology 93(54):973–974.

2007 Bean, MG; A Škeříková; TH Bonner; T Scholz and DG Huffman. First record of *Bothriocephalus acheilognathi* (Cestoda: Pseudophyllidea) in the Rio Grande with comparative ITS2 and V4-18S rDNA sequencing. Journal of Aquatic Animal Health 19:71-76

2004 Cox, MK; DG Huffman and F Moravec. Observations on the distribution and biology of *Huffmanela huffmani* (Nematoda: Trichosomoididae). Folia Parasitologica 51(1): 50-54.

2001 Žďárská, Z; DG Huffman; F Moravec and J Nebesářová. Egg shell ultrastructure of the fish nematode *Huffmanela huffmani* (Trichosomoididae). Folia Parasitologica 48(3): 231-234

2001 Moravec, F and DG Huffman. Observations on the biology of *Rhabdochona kidderi texensis* (Nematoda: Rhabdochonidae), a parasite of North American cichlids (Pisces). Journal of Helminthology, 75:197-203.

2000 Moravec, F and DG Huffman. Three new helminth species from two endemic plethodontid salamanders, *Typhlomolge rathbuni* and *Eurycea nana*, in central Texas. Folia Parasitologica 47(3): 186-194.

2000 Mitchell, AJ; MJ Salmon; DG Huffman; AE Goodwin and TM Brandt. Prevalence and pathogenicity of a heterophyid trematode infecting the gills of an endangered fish, the fountain darter, in two central Texas spring-fed rivers. Journal of Aquatic Animal Health 12(4):283-289.

1995 Moravec, F; DG Huffman and DJ Swim. The first record of fish as paratenic hosts of *Falcaustra* spp. (Nematoda: Kathlaniidae). Journal of Parasitology, 81(5): 809-812.

1995 Johnson, SK; LT Fries; J Williams and DG Huffman. Presence of the parasitic swim bladder nematode, *Anguillicola crassus*, in Texas aquaculture. World Aquaculture 26(3):35-36.

1994 Stacell, M and DG Huffman. Oxytetracycline-induced photosensitivity in channel catfish. Progressive Fish Culturist 56(3):211-213.

1991 Jones, KS; D Herod and DG Huffman. Fitting the negative binomial distribution to parasitological data. Texas Journal of Science 43(4):357-371.

1988 Moravec, F and DG Huffman. Observations on the genus *Rhabdochona* Railliet, 1916 (Nematoda: Rhabdochonidae) from the fishes of Central Texas, with descriptions of two new subspecies. Folia Parasitologica 35(4):341-351.

1988 Huffman, DG and F Moravec. First description of adult *Huffmanela huffmani* Moravec, 1987 (Nematoda: Trichosomoididae) from the swim bladder of centrarchid fishes of the upper San Marcos River, central Texas. Folia Parasitologica 35(3):227-234.

1988 Moravec, F and DG Huffman. *Rhabdochona longleyi* sp. n. (Nematoda: Rhabdochonidae) from the blind catfishes, *Troglanis pattersoni* and *Satan eurystomus* (Ictaluridae) from the subterranean waters of Texas. Folia Parasitologica 35(3):235-243.

1985 Spinelli, AJ; BG Whiteside and DG Huffman. Aquarium studies on the evaluation of stocking various-size channel catfish with established largemouth bass. North American Journal of Fisheries Management. 5(2A):138-145.

1985 Amin, O and DG Huffman. Interspecific variability in the genus *Acanthocephalus* from North American freshwater fishes, with a key to species. Proceedings of the Helminthological Society of Washington 51(2):238-240.

1982 Crowell, D; CC Carpenter and DG Huffman. Nest sharing by a Lark Sparrow. Auk 99(3):591-592.

1981 Gleason, LN and DG Huffman. Meristogram analysis of a collection of *Pomphorhynchus bulbocolli* from south-central Kentucky. Journal of Parasitology 67(1):133-134.

1981 Huffman, DG and DW Tuff. An index to the hosts in Yamaguti's *Synopsis of the Digenetic Trematodes of Vertebrates, 1971*. Texas Journal of Science 33(2,3,4):267-291.

1980 Martin, JL and DG Huffman. An analysis of the community and population dynamics of the helminths of *Sigmodon hispidus* (Rodentia: Cricetidae) from three Central Texas vegetational regions. Proceedings of the Helminthological Society of Washington 47(2):247-255.

1978 Huffman, DG and BB Nickol. Meristogram analysis of the acanthocephalan genus *Pomphorhynchus* in North America. Journal of Parasitology 64(5):851-859.

1978 Davis, JR and DG Huffman. Some factors associated with the distribution of helminths among individual mosquitofish, *Gambusia affinis*. Texas Journal of Science 30(1):43-53.

1977 Davis, JR and DG Huffman. A comparison of the helminth parasites of *Gambusia affinis* and *Gambusia geiseri* (Osteichthyes: Poeciliidae) from the Upper San Marcos River. Southwestern Naturalist 22(3):359-366.

1977 Huffman, DG and RG Kliever. *Echinorhynchus canyonensis* sp. n. (Acanthocephala) from *Maynea californica* (Osteichthyes: Zoarcidae) from the Monterey Submarine Canyon, California. Proceedings of the Helminthological Society of Washington 44(2):171-176.

1977 Tuff, DW and DG Huffman. An index to the genera of hosts in Yamaguti's *Systema Helminthum*. Texas Journal of Science 28 (1-4):161-191.

1975 Huffman, DG and WL Bullock. Meristograms: Graphical analysis of serial variation of proboscis hooks of *Echinorhynchus* (Acanthocephala). Systematic Biology 24(3):333-345.

1973 Huffman, DG and WL Bullock. *Capillaria cyprinodonticola* sp. n. (Nematoda: Trichinellida) from the livers of cyprinodontiform fishes of the Florida Keys. Journal of Parasitology 59(2):260-263.

1973 Tillinghast, EK and DG Huffman. The pattern of nitrogen excretion during fasting of two freshwater oligochaetes. Comparative Biochemistry and Physiology Part A: Physiology 45(2):555-557.

1970 Shoemaker, JP; RV Hoffman and DG Huffman. *Trypanosoma cruzi*: Preference for brown adipose tissue in mice by the Tulahuen strain. Experimental Parasitology 27(3):403-407.

B. Works not in Print

1. Research presented at professional meetings, with †presenter and graduate, undergraduate, & public-school students so indicated:

2022 Proposed new standards for nematode eggshell terminology. Huffman, DG; Bond, A; Worsham, MLD. Southwestern Association of Parasitologists, 55th Annual Meeting, April, University of Oklahoma Biological Station.

2022 Donelon, MT and Huffman, DG. Thermal preferenda of *Melanoides tuberculata*: Variation among clonal lineages and infection states. Southwestern Association of Parasitologists, 55th Annual Meeting, April, University of Oklahoma Biological Station.

2022 Bond, A; Huffman, D; Worsham, MLD. Thermal sensitivity of a hyper-endemic nematode parasite of fishes. Southwestern Association of Parasitologists, 55th Annual Meeting, April, University of Oklahoma Biological Station.

2022 Peña, T; Huffman, DG. Endangered fishes, invasive parasites, and migratory birds: A study in habitat modification to interrupt parasitic life cycles. Southwestern Association of Parasitologists, 55th Annual Meeting, April, University of Oklahoma Biological Station.

2021 Gideon, KR and DG Huffman. Improved protocols for monitoring the status of invasive heterophyid trematodes. Southwestern Association of Parasitologists, 54th Annual Meeting (virtual meeting held remotely), April.

2021 Peña, T, KR Gideon, MT Donelon and DG Huffman. Endangered fishes, invasive parasites, and migratory birds: A study in habitat modification to interrupt parasitic life cycles. Southwestern Association of Parasitologists, 54th Annual Meeting (virtual meeting held remotely), April.

2021 Donelon, MT and DG Huffman. Thermal preferenda of the red-rimmed melania (*Melanoides tuberculata*): variation among clonal lineages and infection. Southwestern Association of Parasitologists, 54th Annual Meeting (virtual meeting held remotely), April.

2020 Several papers were prepared for delivery at the 2020 April 53rd meeting when it was cancelled at the last minute.

2019 Bond, AT, DG Huffman. Confusion in the literature regarding eggs of *Huffmanela* spp. Southwestern Association of Parasitologists, 52nd Annual Meeting, April, University of Oklahoma Biological Station.

2019 Calton, SL; AE Scott; J Leach; AT Bond; R Fiorini and DG Huffman. Effects of *Philophthalmus gralli* co-infection on the cercarial shedding rates of snails naturally infected with *Centrocestus formosanus* and *Haplorchis pumilio* (Trematoda: Heterophyidae). Southwestern Association of Parasitologists, 52nd Annual Meeting, April, University of Oklahoma Biological Station.

2019 †Fiorini, R; SL Calton; AE Scott; J Leach; AT Bond; and DG Huffman. A rapid method for determining cercarial densities in laboratory experiments involving trematode life cycles. Southwestern Association of Parasitologists, 52nd Annual Meeting, April, University of Oklahoma Biological Station.

2019 †Leach, J; AE Scott; N White and DG Huffman. Experimental determination of the substrate-encystment selection for the cercariae of *Philophthalmus gralli* (Trematoda: Philophthalmidae), with observations on cercarial behavior. Southwestern Association of Parasitologists, 52nd Annual Meeting, April, University of Oklahoma Biological Station. (Honorable mention for best grad presentation of meeting)

2019 †Scott, AE; L Campbell; J Leach; AT Bond; SL Calton; A Adkins and DG Huffman. Two highly invasive trematodes introduced into Texas spring-fed waters: Naturally-occurring levels of parasitism, and conservation implications for the endangered fountain darter (*Etheostoma fonticola*). Southwestern Association of Parasitologists, 52nd Annual Meeting, April, University of Oklahoma Biological Station.

2019 †Scott, AE; S Calton; M Huertas; L Campbell; and DG Huffman. Hematological indicators of physiological stress as a result of parasitism in blacktail shiner, and conservation implications of invasive trematodes in Texas spring systems. 2019 Joint Annual Conference of the American Fisheries Society and the Wildlife Society, 9/29-10/3, Reno, NV.

2018 †Scott, AE; KA Clements; AT Bond and DG Huffman. The expanding distributions of two highly invasive trematodes introduced into Central Texas waters by invasive Asian snails. Southwestern Association of Parasitologists, 51st Annual Meeting, April, University of Oklahoma Biological Station.

2018 †Leach, J; SF Harding; D Rodriguez; MC Green and DG Huffman. Distribution, prevalence, and impact of the invasive trematode, *Philophthalmus gralli*, on waterfowl wintering in Texas. Southwestern Association of Parasitologists, 51st Annual Meeting, April, University of Oklahoma Biological Station. (Awarded best grad paper of meeting).

2018 †Leach, J; DG Huffman; MC Green, D Rodriguez and SF Harding. *Philophthalmus gralli:* Distribution, prevalence, and impact on waterfowl wintering in Texas. Southwestern Association of Naturalists, 65th Annual Meeting, San Marcos, TX.

2018 †Keyser, TB; RM Tyler; LR Delices and DG Huffman. The design and testing of a novel device for testing the temperature preferenda of small aquatic animals. Southwestern Association of Parasitologists, 51st Annual Meeting, April, University of Oklahoma Biological Station.

2018 †Clements, KA; AT Bond; AE Scott and DG Huffman. Studies on the effects of *Haplorchis pumilio* (Trematoda: Heterophyidae) on the cyprinids *Dionda diaboli* and *Cyprinella venusta*: Lethal levels of infection and swimming endurance. Southwestern Association of Parasitologists, 51st Annual Meeting, April, University of Oklahoma Biological Station.

2018 †Bond, AT; AE Scott; KA Clements; MLD Worsham and DG Huffman. Investigations into the biology, taxonomy, and life cycle of a new freshwater species of *Huffmanela* (Nematoda). Southwestern Association of Parasitologists, 51st Annual Meeting, April, University of Oklahoma Biological Station.

2017 †Clements, K; DG Huffman and DC Huston. Testing the effects of gill and muscle metacercariae on the swimming ability of small fish. Southwestern Association of Parasitologists, 50th Annual Meeting, April, University of Oklahoma Biological Station.

2017 †Delices, LR and DG Huffman. An investigation to determine the critical thermal minimum (CT_{min}) of two thiarid snails supporting invasive trematodes in Central Texas riverine systems, and the development of a thermal preferenda trough-device. Southwestern Association of Parasitologists, 50th Annual Meeting, April, University of Oklahoma Biological Station.

2017 †Harding, SF; D Rodriguez; DG Huffman and JJ Jackson. Range expansion of an exotic Asian snail (*Melanoides tuberculata*) into Central Texas rivers, and the parasitological consequences thereof. Southwestern Association of Parasitologists, 50th Annual Meeting, April, University of Oklahoma Biological Station. (Awarded best grad paper of meeting).

2017 †Koll, CK; MLD Worsham and DG Huffman. A new species of *Huffmanela* (Nematoda: Trichosomoididae: Huffmanelinae) from a spring near Menard, TX. Southwestern Association of Parasitologists, 50th Annual Meeting, April, University of Oklahoma Biological Station.

2017 †Leach, J; CM Green; D Rodriguez; SF Harding and DG Huffman. The prevalence, distribution, and potential impact of eye-flukes (*Philophthalmus* spp.) in waterfowl populations Wintering in Texas. Southwestern Association of Parasitologists, 50th Annual Meeting, April, University of Oklahoma Biological Station.

2017 †Scott, AE; MLD Worsham; D Rodriguez and DG Huffman. Determining the identity and life cycle of a pentastomid (*Sebekia* sp.) suddenly found impacting fishes and aquatic turtles in the waterways of San Marcos, TX. Southwestern Association of Parasitologists, 50th Annual Meeting, April, University of Oklahoma Biological Station.

2017 †Valenta, E; SF Harding; D Rodriguez and DG Huffman. The parasites, genetics, and morphometry of the invasive thiarid snail, *Tarebia granifera*, in Central Texas. Southwestern Association of Parasitologists, 50th Annual Meeting, April, University of Oklahoma Biological Station.

2016 †Martinez, JA; I Castro-Arellano; TR Simpson and DG Huffman. Prevalence of endoparasitic helminths of the Small Indian Mongoose (*Herpestes auropunctatus*) on the island of Puerto Rico. Southwestern Association of Parasitologists, 49th Annual Meeting, April, University of Oklahoma Biological Station.

2016 †Worsham, MLD and DG Huffman. Final Act: The experimentally completed life cycle of *Huffmanela huffmani* (Nematoda: Trichosomoididae: Huffmanelinae). Southwestern Association of Parasitologists, 49th Annual Meeting, April, University of Oklahoma Biological Station.

2016 †Koll, CK; MLD Worsham and DG Huffman. A new freshwater species of *Huffmanela* (Nematoda: Trichosomoididae: Huffmanelinae) from a spring near Menard, TX. Southwestern Association of Parasitologists, 49th Annual Meeting, April, University of Oklahoma Biological Station.

2016 †Huffman, DG; SF Harding and MLD Worsham. Digimizer® image-analysis software: A demonstration of host/parasite morphometric applications. Southwestern Association of Parasitologists, 49th Annual Meeting, April, University of Oklahoma Biological Station.

2016 †Harding, SF; D Rodriguez; DG Huffman and JJ Jackson. An update on the Central Texas invasion of thiarid snails and their trematodes, with morphometric and DNA analysis. Southwestern Association of Parasitologists, 49th Annual Meeting, April, University of Oklahoma Biological Station.

2016 †Delices, LR and DG Huffman. An investigation to determine the critical thermal minimum and thermal preferenda of two thiarid snails supporting invasive trematodes in Central Texas riverine systems. Southwestern Association of Parasitologists, 49th Annual Meeting, April, University of Oklahoma Biological Station.

2015 †Worsham, MLD; SF Harding and DG Huffman. The most recent findings on the life-cycle of *Huffmanela huffmani* Moravec 1987 (Nematoda: Trichosomoididae: Huffmanelinae). Southwestern Association of Parasitologists, 48th Annual Meeting, April, University of Oklahoma Biological Station.

2015 †Worsham, MLD; EP Julius; S. Kim and DG Huffman. The biogeography of freshwater *Huffmanela* (Nematoda: Trichosomoididae: Huffmanelinae). Southwestern Association of Parasitologists, 48th Annual Meeting, April, University of Oklahoma Biological Station.

2015 †Martinez, JA; I Castro-Arellano; TR Simpson and DG Huffman. Prevalence of endoparasitic helminths of the Small Indian Mongoose (*Herpestes auropunctatus*) on the island of Puerto Rico. Southwestern Association of Parasitologists, 48th Annual Meeting, April, University of Oklahoma Biological Station.

2015 †Huffman, DG; MLD Worsham; SF Harding and D Hahn. Metacercariae of *Macroderoides* from cranial bones of *Dionda diaboli* refugium stock, with notes on infection of other small fishes from spring-fed systems in west Texas. Southwestern Association of Parasitologists, 48th Annual Meeting, April, University of Oklahoma Biological Station.

2015 †Harding, SF; MLD Worsham; DG Huffman and JJ Jackson. A current assessment of the thiarid snail invasion of Central Texas waters. Southwestern Association of Parasitologists, 48th Annual Meeting, April, University of Oklahoma Biological Station.

2014 †Harding, SF; MLD Worsham; DC Huston and DG Huffman. Detection of *Haplorchis pumilio* in *Ictalurus punctatus*, *Lepomis macrochirus*, and *Astyanax mexicanus* in the Guadalupe River, Texas. Southwestern Association of Parasitologists, 47th Annual Meeting, April, University of Oklahoma Biological Station.

2014 †Worsham, MLD; SF Harding; R Gibson and DG Huffman. Presumptive *Stellantchasmus* (Heterophyidae) metacercariae from the cranial bones of the endangered Devils River minnow (*Dionda diaboli*) from west Texas. Southwestern Association of Parasitologists, 47th Annual Meeting, April, University of Oklahoma Biological Station.

2014 †Worsham, MLD; SF Harding; H Wukaasch and DG Huffman. Further attempts to solve the life-cycle riddle of *Huffmanela huffmani* Moravec 1987 (Nematoda: Trichosomoididae: Huffmanelinae). Southwestern Association of Parasitologists, 47th Annual Meeting, April, University of Oklahoma Biological Station.

2014 †Huston, DC; DG Huffman; KG Ostrand and I Castro-Arellano. A methodology for estimating the effects of trematode metacercariae upon the swimming endurance of fish. Southwestern Association of Parasitologists, 47th Annual Meeting, April, University of Oklahoma Biological Station.

2014 †Huston, DC; MLD Worsham; V Cantu; DG Huffman and KG Ostrand. Second intermediate hosts of *Centrocestus formosanus* and *Haplorchis pumilio* in Texas. Southwestern Association of Parasitologists, 47th Annual Meeting, April, University of Oklahoma Biological Station.

2012 †Huston, DC; KS McDermott; TL Arsuffi; KG Ostrand and DG Huffman. The distribution of the invasive trematode (*Centrocestus formosanus*) in west Texas, with patterns of infection in the snail and fish hosts. Southwestern Association of Parasitologists, 45th Annual Meeting, April, University of Oklahoma Biological Station.

2012 †Worsham, MLD and DG Huffman. Underwater studies on the feeding behaviors of some centrarchid hosts of *Huffmanela huffmani* (Nematoda: Trichosomoididae) in San Marcos Springs. Southwestern Association of Parasitologists, 45th Annual Meeting, April, University of Oklahoma Biological Station.

2012 †Huston, DC and DG Huffman. Swim tunnel endurance studies on minnows artificially infected at varying rates with varying intensities of *Centrocestus formosanus*. Southwestern Association of Parasitologists, 45th Annual Meeting, April, University of Oklahoma Biological Station.

2012 †Bushong, S; J Lindholm and DG Huffman. The invasive progression of the Malaysian trumpet snail (*Melanoides tuberculata*) and its parasites in the Comal and Guadalupe Rivers, Texas. Southwestern Association of Parasitologists, 45th Annual Meeting, April, University of Oklahoma Biological Station.

2012 †Van Tine, J and DG Huffman. The status of the invasive trematode *Centrocestus formosanus* as an unexpected threat to the fishes of the Guadalupe River in Texas.

2011 †Gollihar, J and DG Huffman. To clone or not to clone: Population genetics and gametogenesis in the invasive Asian snail *Melanoides tuberculata*. Southwestern Association of Parasitologists, 44th Annual Meeting, University of Oklahoma Biological Station.

2011 †Huffman, DG. The decline of healthy skepticism and the rise of repressive advocacy in contemporary science. Southwestern Association of Parasitologists, 44th Annual Meeting, University of Oklahoma Biological Station.

2011 †Gollihar, J and DG Huffman. Worlds within: Metagenomics and sensing among the microbiotics of the invasive snail, *Melanoides tuberculata*. Southwestern Association of Parasitologists, 44th Annual Meeting, University of Oklahoma Biological Station.

2011 †Huffman, DG. The resurrection of the meristogram: Two new resources for analyzing patterns of variability in serially homologous structures. Southwestern Association of Parasitologists, 44th Annual Meeting, University of Oklahoma Biological Station.

2011 †Huston, DC; BJ Daigneault; MLD Worsham and DG Huffman. The continued spread of *Centrocestus formosanus* into Texas waters once thought safe from infestation. Southwestern Association of Parasitologists, 44th Annual Meeting, University of Oklahoma Biological Station.

2011 †Phillips, CA; J Gollihar and DG Huffman. Distribution of the exotic snail *Melanoides Tuberculata* in the Guadalupe River, Texas. Southwestern Association of Parasitologists, 44th Annual Meeting, University of Oklahoma Biological Station.

2010 †Phillips, CA; JD McCracken; and DG Huffman. Longitudinal gradients in population structure, and the lethal thermal minimum of *Melanoides tuberculatus* in the Guadalupe River, TX. Southwestern Association of Parasitologists, 43rd Annual Meeting, University of Oklahoma Biological Station.

2010 †Vargas, E; M Elliot and DG Huffman. Aspects of the thermal and spatial distribution of *Centrocestus formosanus* in the Guadalupe and Comal Rivers, I: Survey of native fishes. Southwestern Association of Parasitologists, 43rd Annual Meeting, University of Oklahoma Biological Station.

2010 †Elliot, M; E Vargas and DG Huffman. Thermal and spatial aspects of the distribution of *Centrocestus formosanus* in the Guadalupe and Comal Rivers, II: Caged-fish studies. Southwestern Association of Parasitologists, 43rd Annual Meeting, University of Oklahoma Biological Station.

2010 †Williford, A and DG Huffman. Techniques for estimating the effects of gill metacercariae on swimming endurance of small fishes. Southwestern Association of Parasitologists, 43rd Annual Meeting, University of Oklahoma Biological Station.

2010 †McCracken, JD; CA Phillips and DG Huffman. Longitudinal gradients in the genetics of *Melanoides tuberculatus* from Comal Springs to downstream Guadalupe R, TX. Southwestern Association of Parasitologists, 43rd Annual Meeting, University of Oklahoma Biological Station.

2010 †Huffman, DG and A Williford. Dose-response effects of *Centrocestus formosanus* gill infections on the swimming endurance of a riffle minnow, *Cyprenella venusta*. Southwestern Association of Parasitologists, 43rd Annual Meeting, University of Oklahoma Biological Station.

2010 †Huffman, DG. The creationism vs. evolutionism wrangle: A raging battle between opposing world views, neither of which is based on the Bible or science. Southwestern Association of Parasitologists, 43rd Annual Meeting, University of Oklahoma Biological Station.

2007 †O'Docharty, EM and DG Huffman. Use of infection challenges to study the lifecycle of *Huffmanela huffmani*. Southwestern Association of Parasitologists, 40th Annual Meeting, University of Oklahoma Biological Station.

2007 †O'Docharty, EM and DG Huffman. Induced hatching of histozoic trichosomoidid eggs using in vivo and in vitro techniques. Southwestern Association of Parasitologists, 40th Annual Meeting, University of Oklahoma Biological Station.

2007 †Kuhlman, TA and DG Huffman. The dominant definitive hosts of the invasive Asian trematode, *Centrocestus formosanus*, in the Comal River, Texas – Preliminary results. Southwestern Association of Parasitologists, 40 th Annual Meeting, University of Oklahoma Biological Station.

2007 †Groeger, AW; DG Huffman; A Broun and MS Cave. Current and historical water flow in the Blanco River watershed. Texas Academy of Science, Waco, TX. `

2007 †Huffman, DG. Common misinterpretations and misapplications of statistical methods in the life sciences. Southwestern Association of Parasitologists, 40 th Annual Meeting, University of Oklahoma Biological Station.

2007 †Bolick, AE and DG Huffman. The effects of spring flow on the abundance of heterophyid cercariae in the Comal River, New Braunfels, TX. Southwestern Association of Parasitologists, 40th Annual Meeting, University of Oklahoma Biological Station.

2006 †O'Docharty, EM and DG Huffman. Studies on the lifecycle strategy of *Huffmanela huffmani* in the San Marcos River (TX). Southwestern Association of Parasitologists, 39th Annual Meeting, University of Oklahoma Biological Station.

2006 †Kuhlman, TA and DG Huffman. The dominant definitive hosts of the invasive Asian trematode, *Centrocestus formosanus*, in the Comal River, Texas. Southwestern Association of Parasitologists, 39th Annual Meeting, University of Oklahoma Biological Station.

2006 †Huffman, DG. The null hypothesis (H_0) in parasitology: What to do when it won't go away. Southwestern Association of Parasitologists, 39 th Annual Meeting, University of Oklahoma Biological Station.

2006 †Bolick, AE and DG Huffman. The effects of spring flow on the abundance of an invasive Asian trematode, *Centrocestus formosanus*, in the Comal River, New Braunfels, TX. Southwestern Association of Parasitologists, 39 th Annual Meeting, University of Oklahoma Biological Station.

2006 †Bean, MG; DG Huffman; TH Bonner and WH Nowlin. New records of the Asian fish tapeworm, *Bothriocephalus acheilognathi*, in fishes of the Rio Grande, Texas. Southwestern Association of Parasitologists, 39th Annual Meeting, University of Oklahoma Biological Station.

2006 †Dedden, JE; G Longley and DG Huffman. Host/parasite records for the Texas Shiner (*Notropis amabilis*) in Central Texas. Southwestern Association of Parasitologists, 39th Annual Meeting, University of Oklahoma Biological Station.

2002 †Fleming, BP; DG Huffman; TM Brandt and TH Bonner. Downstream spread of the heterophyid trematode *Centrocestus formosanus* in the Guadalupe River, Comal County, Texas. Texas Academy of Science; Laredo, Texas.

2001 †Reimer, MM; DG Huffman and PS Williamson. Baseline survey of birds at the Aquarena Center and the effects of wetland boardwalk on waterbird behavior. Texas Academy of Science 104th meeting at San Marcos; March 1-3.

2001 †Reimer, MM; DG Huffman and PS Williamson. Baseline survey of birds at the San Marcos springs, San Marcos, Texas. Southwestern Association of Naturalists 48th meeting at Hays Kansas, April 19-21.

2000 †Salmon, MJ; DG Huffman; AJ Mitchell; AE Goodwin and TM Brandt. Impact of an unnamed heterophyid trematode on the endangered fountain darter in the Comal River, Texas. Southwestern Association of Parasitologists, University of Oklahoma Biological Station.

1998 †Salmon, MJ; TM Brandt and DG Huffman. Lethal heterophyid infections in an endangered fish in Central Texas: The snail host. Southwestern Association of Parasitologists, University of Oklahoma Biological Station. April 10-11

1998 †Kaczmarek, CA; JN Fries and DG Huffman. A survey of the San Marcos salamander (*Eurycea nana*) for a parasitology study. Southwestern Association of Parasitologists, University of Oklahoma Biological Station. April 10-11.

1998 †Cox, MK and DG Huffman. The distribution and life cycle of *Huffmanela huffmani* (Nematoda: Trichosomoididae). Southwestern Association of Parasitologists, University of Oklahoma Biological Station. April 10-11.

1998 †al-Rashid, N and DG Huffman. A survey of blood parasites of turtles from Central Texas. Southwestern Association of Parasitologists, University of Oklahoma Biological Station. April 10-11.

1993 †Swim, JD and DG Huffman. Internal parasites of *Etheostoma lepidum* and the endangered *Etheostoma fonticola* from the Comal River, Texas. Southwestern Association of Parasitologists, University of Oklahoma Biological Station. April 16-171.

1992 †Swim, JD and DG Huffman. New parasite records for an endangered darter. Southwestern Association of Parasitologists, University of Oklahoma Biological Station.

1991 †Stacell, M, and DG Huffman, Oct 14. Oxytetracycline-induced photolysis of channel catfish. Texas Chapter of American Fisheries Society, Galveston.

1991 †Stacell, M, and DG Huffman, March 1-2. Photosensitivity of channel catfish to oxytetracycline. Texas Academy of Science, Nacogdoches.

1991 †Huffman, DG and M Stacell, April 4-5. Photosensitivity and consequent fatal mycosis induced in channel catfish by tetracycline prophylaxis. Southwestern Association of Parasitologists, University of Oklahoma Biological Station.

1989 †DG Huffman. LXR•Test: The ultimate test-generation and question-management program. Annual Meet. of Texas Computer Education Program, Houston.

1986 †Ahlm, A and DG Huffman. The effects of yellow grub (*Clinostomun marginatum*: Digenea, Trematoda) on the growth and condition of largemouth bass (*Micropterus salmoides*). Arizona-New Mexico Chapter, Am. Fish. Soc.

1984 †Michels, G and DG Huffman. The biology of a new species of *Capillaria* (Nematoda: Trichurata) from sunfishes of the San Marcos River. Ibid.

1984 †Michels, G and DG Huffman. Discovery of a new species of *Capillaria* (Nematoda: Capillariidae) from gas bladders of San Marcos River sunfishes; Ibid.

1984 †Mathis, ML and DG Huffman. The adults of *Diplostomulum scheuringi* (Trematoda: Strigeoidea) are in the genus *Tylodelphis* and mature in Pied-billed Grebes. The Annual Meeting of the Texas academy of Science, San Antonio.

1984 †Mathis, ML and DG Huffman. Studies on the life history of *Diplostomulum scheuringi* (Trematoda: Strigeoidea) from the mosquitofish, *Gambusia affinis*; Ibid.

1984 †Hurd, SL; RAL Shorey and DG Huffman. Using VisiCalc to design palatable diets conforming to rigorous specifications for human subjects; Ibid.

1984 †Ahlm, LA and DG Huffman. The effects of yellow grub (*Clinostomum marginatum*) on the growth and condition of largemouth bass: Preliminary results. The Annual Meeting of the Southwestern Association of Parasitologists, Univ. of Oklahoma Biological Station, Lake Texoma.

1984 †Ahlm, A and DG Huffman. The effects of the yellow grub (*Clinostomum marginatum*) on the growth and condition of largemouth bass: Preliminary results. Ibid.

1983 †Michel, GD and DG Huffman. The biology of a new species of *Capillaria* (Nematoda: Trichurata) from sunfishes of the San Marcos River. Ibid. AND 16th Annual Meeting of the Southwestern Association of Parasitologists, Univ. Okla. Biol. Sta., Lake Texoma.

1983 †Mathis, ML and DG Huffman. Investigations of the biology of *Diplostomulum scheuringi* (Trematoda: Strigeoidea) from the mosquitofish, *Gambusia affinis*. Ibid.

1983 †Mathis, ML and DG Huffman. Current research into the biology of *Diplostomulum scheuringi* (Trematoda: Strigeoidea) from the mosquitofish, *Gambusia affinis*. Ibid.

1983 †Huffman, DG. The negative binomial *k* as an ecological constant: Monte Carlo simulations of sampling from real and artificial populations. Ibid.

1983 †Huffman, DG. Using a microcomputer simulation to teach some concepts of parasite ecology. 16th Annual Meeting of the Southwestern Association of Parasitologists, Okla. University Biol. Sta., Lake Texoma.

1983 †Huffman, DG. Population Dynamics of Fish Parasites. Presented at the Workshop on Applications of Microcomputers in Fisheries Education. The Annual Meeting of the Am. Fisheries Soc., Milwaukee, WI.

1983 †Crowell, DK and DG Huffman. Alarm calls and seeet calls of some Central Texas sparrows. The Annual Meeting of the Southwestern Association of Naturalists, Little Rock, Ark.

1983 †Bell, RJ and DG Huffman. A comparison of two avian census techniques: Mist net versus fixed-diameter point count. 86th Annual Meeting of the Texas Academy of Science, Nacogdoches.

1982 †Palma, VD; BG Whiteside and DG Huffman. On the life history of the walleye (*Stizostedion vitreum*) in Canyon Reservoir, Texas. Ibid.

1982 †Kiefer, R; BG Whiteside and DG Huffman. Heritability of temperature tolerance in largemouth bass from heated reservoirs. Ibid.

1982 †Kiefer, R and DG Huffman. A definitive host suitability study for an unidentified cestode cyst infesting fishes from the Blanco River. Ibid.

1982 †Huffman, DG. Why we should be computing Taylor's *b* instead of the negative binomial *k*. 15th Annual Meeting of the Southwestern Association of Parasitologists, Univ. Okla. Biol. Sta., Lake Texoma.

1982 †Huffman, DG. Problems encountered while attempting to introduce micro-CAI into biology courses at Southwest Texas State University. INVITED PAPER presented at the 18th Annual Meeting of the Texas Assoc. for Educational Data Systems. Austin, Texas.

1982 †Huffman, DG. The negative binomial distribution in host/parasite modeling: An educational program for the Apple computer. Fifth International Congress of Parasitology, Toronto, Canada.

1982 †Douglas, JD and DG Huffman. The population ecology of parasites found in the major lepomids of the Upper San Marcos River. 85th Annual Meeting of Texas Academy of Science, Angelo State University, San Angelo.

1982 †Crowell, D and DG Huffman. "Seeet" calls of some sparrows, a spectrographic analysis. Ibid.

1982 †Bell, R and DG Huffman. Avifauna and related plant associations of Hays County. Ibid.

1981 †Hurd, SL and DG Huffman. Description of a very small *Neascus* (Trematoda: Strigeoidea) larva causing black spot in *Gambusia affinis*. Ibid.

1981 †Huffman, DG A review of the use of the negative binomial distribution in parasitology. 84th Texas Acad. Sci. Meeting, Austin, TX.

1981 †Crowell, D and DG Huffman. Spectrographic analysis of "seeet" calls of some central Texas sparrows. Part 1. Ibid.

1981 †Bell, RJ and DG Huffman. Expanded uses of avian seasonal abundance checklists. Ibid.

1980 †Schneider, S and DG Huffman. Frequency distribution analysis of the larval parasites, *Diplostomulum scheuringi* and *Spiroxys* sp. in mosquitofish, *Gambusia affinis*. 83rd Tex. Acad. Sci. Meeting, Corpus Christi.

1980 †Huffman, DG. Problems peculiar to the shape analysis of serially homologous structures. INVITED PAPER in a symposium entitled, "Shoring up the foundations of modern biology: Systematics." 53rd Amer. Soc. Parasitol. Meet, U. C. Berkeley, California.

1979 †Wayne, L; BG Whiteside and DG Huffman. Notes on the ecology of the roundnose minnow, *Dionda episcopa*, from a central Texas spring. Ibid.

1979 †Schneider, S and DG Huffman. Some observations on the frequency distributions of *Diplostomulum scheuringi* and larval *Spiroxys* sp. infecting female *Gambusia affinis*. 12th Southw. Assoc. Parasitol. Meeting, Univ. Okla. Biol. Sta., Lake Texoma.

1979 †Schneider, S and DG Huffman. A comparison of the species-richness and evenness components of the diversity of the helminths of *Gambusia affinis*. Ibid.

1979 †Lindholm, JJT and DG Huffman. The snails of the spring-fed upper San Marcos River and their trematode parasites. Ibid.

1979 †Lindholm, J and DG Huffman. The snails of the spring-fed upper San Marcos River and their trematode parasites. Poster presentation, Ibid.

1979 †Hurd, SL and DG Huffman. Some notes on the biology and taxonomy of the fish helminths of the Little Blanco River. Ibid AND 12th Southw. Assoc. Parasitol. Meeting, Univ. Okla. Biol. Sta., Lake Texoma.

1979 †Huffman, DG. Meristogram analysis of the confusing acanthocephalan genus *Echinorhynchus* from North American fishes. 82nd Tex. Acad. Sci. Meeting, Arlington, Texas.

1979 †Huffman, DG. Meristogram analysis and the importance of "percent-position" in acanthocephalan taxonomy. Poster presentation, Ibid.

1978 †Schneider, S and DG Huffman. Some observations on the diversity of helminths from *Gambusia affinis*. Ibid.

1978 †Schneider, S and DG Huffman. Evidence of competitive interaction between four species of strigeoid trematodes in the eye of the mosquitofish, *Gambusia affinis*. 81st Tex. Acad. Sci. Meeting, Lubbock, Texas.

1978 †Schneider, S and DG Huffman. An apparent case of competitive interaction between four species of strigeoid trematodes in the eye of *Gambusia affinis*. 11th Southw. Assoc. Parasitol. Meeting, Univ. Okla. Biol. Sta., Lake Texoma, Texas.

1978 †Manns, R; BG Whiteside and DG Huffman. Observations on the biology and parasites of the spotted bass, *Micropterus punctulatus*, in a central Texas deep-storage reservoir. Ibid.

1978 †Huffman, DG. Meristogram analysis of the acanthocephalan genus *Echinorhynchus* in North America. 53rd Am. Soc. Parasitol. Meeting, Chicago, Ill.

1978 †Heath, L; BG Whiteside and DG Huffman. Notes on the biology and parasites of the roundnose minnow, *Dionda episcopa*, from some Central Texas Springs. Ibid.

1977 Huffman, DG and †RW Phillips. A study of parasite dynamics at a warm-water fish hatchery in Central Texas. Ibid.

1977 †Schneider, S; DG Huffman and DW Tuff. Seasonal variation in the incidence and intensity of infection of *Diplostomulum scheuringi* in the mosquitofish, *Gambusia affinis*. Ibid.

1977 †Schneider, S and DG Huffman. Factors influencing the abundance of *Diplostomulum scheuringi* in *Gambusia affinis*. Ibid.

1977 †Phillips, RW and DG Huffman. *Henneguya* sp. from the Mexican tetra, *Astyanax fasciatus*. 10th Southwest. Assoc. Parasitol. Meeting, Univ. Okla. Biol. Sta., Lake Texoma.

1977 †Huffman, DG. The meristogram: A sensitive algorithm for the graphical elucidation of variation in serially repeating structures. Ibid.

1977 †Huffman, DG. Application of computer generated "meristograms" to the taxonomy and geographic distribution of *Pomphorhynchus* in North America. Ibid.

1977 †Huffman, DG and BB Nickol. Host and geographic distribution of *Pomphorhynchus bulbocolli* and *P. rocci* (Acanthocephala) as revealed by computer-generated meristograms. Ibid.

1977 †Huffman, DG and BB Nickol. Host and geographic distribution of *Pomphorhynchus bulbocolli* and *P. rocci* (Acanthocephala) as revealed by computer generated meristograms. 52nd Amer. Soc. Parasitol. Meeting, Las Vegas, Nevada.

1977 †Davis, JR and DG Huffman. A comparison of the helminth parasites of *Gambusia affinis* and *G. geiseri* from the San Marcos River. 80th Tex. Acad. Sci. Meeting, Baylor Univ., Waco, Tex.

1976 †Warren, JW and DG Huffman. Some notes on a new species of *Capillaria* (Nematoda) from the swim bladder of sunfishes (Centrarchidae) in the San Marcos River. Ibid.

1976 †McIntosh, SA and DG Huffman. A new case of hyperparasitism by *Hexamita* (Mastigophora) parasitizing *Spinitectus* (Nematoda) taken from the gut of the green sunfish, *Lepomis cyanellus*. 79th Tex. Acad. Sci. Meeting, Tex. A&M Univ., College Station, Tex.

1976 †Martin, MH and DG Huffman. A study of some factors which influence the helminth fauna of *Notropis lutrensis* and *N. venustus* (Pisces) from the area of San Marcos, Texas. Ibid.

1976 †Martin, JL and DG Huffman. Helminths of the cotton rat, *Sigmodon hispidus*, from the area of San Marcos, Texas. II. The effects of season and the sex, weight and age of the host. 79th Tex. Acad. Sci. Meeting, Tex. A&M Univ., College Station, Texas, AND 9th Southwest. Assoc. Parasitol. Meeting, Univ. Okla. Biol. Sta., Lake Texoma.

1976 †Huffman, DG. Applications of the meristogram to acanthocephalan systematics. Ann. Midwest. Conf. Parasitol., Univ. Nebraska, Lincoln.

1975 Davis, JR and DG †Huffman. Studies on the ecology of the helminth fauna of *Gambusia affinis* in the area of San Marcos, Texas. 50th Amer. Soc. Parasitol. Meeting, New Orleans, La.

1975 †Martin, MH and DG Huffman. Some notes on the anatomy of a new species of *Echinorhynchus* from New England. Ibid. AND 8th Southwest. Assoc. Parasitol. Meeting, Univ. Okla. Biol. Sta., Lake Texoma.

1975 †Martin, JL and DG Huffman. Some notes on the helminths of *Sigmodon hispidus* in the area of San Marcos, Texas. 78th Tex. Acad. Sci. Meeting, Sam Houston St. Univ., Huntsville, Tex.

1975 †Davis, JR and DG Huffman. Helminths of *Gambusia affinis* of the San Marcos, Texas area. Ibid.

1974 †Huffman, DG. Proboscis prints: A new computer method for studying hook variability in the acanthocephalan genus *Echinorhynchus*. 77th Tex. Acad. Sci. Meeting, North Tex. St. Univ., Denton, Tex.

1974 †DG Huffman. Some recommendations for interpreting and reporting biological data. 8th Southwest. Assoc. Parasitol. Meeting, Univ. Okla. Biol. Sta., Lake Texoma.

2. Invited Talks, Lectures, Presentations:

1983 Problems likely to be encountered while introducing micro-CAI into a college department. An invited lecture presented for the faculty of El Centro Community College, Dallas.

1982-83 Access to microcomputers for educational purposes at SWTSU. Invited presentation at Faculty Orientation, SWTSU.

1981-84 Estimates of heritability in fisheries genetics projects. Presented each summer at a national workshop on fish culture sponsored by the U. S. Fish and Wildlife Service.

1981 What is so unique about micros in education? Invited lecture presented at an NSF workshop, "Automated Systems for the Science Educator," SWTSU.

1981 The uses and misuses of the negative binomial in parasite ecology. An invited lecture presented for the University of Wisconsin Distinguished Lecturer Series, Parkside Campus.

1981 Appropriate uses for microcomputers in science education. Invited lecture presented at an NSF workshop, "Special Methods for Special Students", SWTSU.

C. Fellowships, Awards, Honors:

1993 Developmental Leave, Fall.

1986 Developmental Leave, Spring.

1975 Phi Sigma National Research Medal; Presented with silver medallion and $500 prize at the Plenary Session of AIBS, Corvallis.

1973 Phi Sigma Award for Meritorious Graduate Research, University of New Hampshire.

1970-73 NDEA Predoctoral Fellowship, Univ. of New Hampshire.

1970 Tuition Scholarship, University of New Hampshire.

1966 Academic Scholarship, West Virginia University.

IV. SERVICE

A. University:

2019-2020 Search Committee for new parasitologist.
2006-2007 Library Committee.
2006-2007 Library Committee Subcommittee on Library Grants.
2005-2006 Library Committee Subcommittee on Library Grants.
2005-2006 Library Committee Subcommittee on Library Grants.
1989-2004 Technical Support Coordinator for the Faculty Advancement Center.
1989-2004 Academic Computing Committee, representative for Faculty Advancement Center (all years I was not chair through 2004).
1988-1989 Editor, FACademic Computing News. A newsletter published internally by FAC.
1988 SACS Review Committee; Chair of Computing Services Division.
1986-1989 Apple Support Coordinator for the University's HEPP II contract with Apple Computer Corp.
1985-2011 Computer Coordinator for Freeman Building computer labs
1982-2000 Academic Computing Committee, Chair for several 3-year terms.
1981-2004 Academic Computing Committee, Founder, member, and chair for several terms.

B. Community:

2019 The Biblical, Scientific, and Logical Problems with Creation Science. Invited talk with discussion at Fellowship Bible Church, New Braunfels, TX.
2009 The Fallacies of Creationism as Science, and Naturalism as Truth. Invited talk, presented to the School for Missionary Preparation, Austin, March.
2008 The Fallacies of Creationism as Science, and Naturalism as Truth. Invited talk, presented to the School for Missionary Preparation, Austin, March.
2007 The Fallacies of Creationism as Science, and Naturalism as Truth. Invited talk, presented to the Hill Country Christian School, San Marcos. November.
2007 Birding by Ear. Presentation before the Wimberley Birding Association, February.
2007 Birding by Ear. Presentation before the Outdoor Women of Texas, TPWD, March.

C. Professional:

1984 President. Southwestern Association of Parasitologists.
1983 Vice President and Program Director, Southwestern Association of Parasitologists.
1982-1984 Advisory Board. U.S.D.A. Index-Catalog of Medical and Veterinary Zoology.
1980-1983 Secretary-Treasurer. Southwestern Association of Parasitologists.
1977-1979 Representative to American Society of Parasitologists, Southwestern Association of Parasitologists.