

Christopher Michael Ritzi, Ph.D.

Department of Biology
Sul Ross State University, Box C-64
Alpine, Texas 79832
Phone: (432) 837-8420
Email: critzi@sulross.edu

EDUCATION

- Indiana State University** Ecology/Systematics Ph.D. December 2004
Dissertation: The Ecology and Relationships of Chiropteran Ectoparasitic Communities of Indiana.
- Sul Ross State University** Biology M.S. May 1999
Thesis: Ectoparasites and Other Arthropods Associated with Bats of the Trans-Pecos Region of Texas.
- Texas A&M University** Biology/Chemistry B.A./minor May 1996

HONORS

- 2010-2011 Outstanding Teaching Award 2010-2011– Sul Ross State University Fall 2011
2011-2012 Who's Who in Science and Engineering
2008-2009 Quality Enhancement Innovation Award - Best Un-Funded Project – Sul Ross State University
2005 Who's Who Among American Teachers
2003 Outstanding Student Paper Award of the Acarology Society of America (26 Oct 2003)
2003 Student Travel Award of the Acarology Society of America
Best Oral Presentation in Entomology Section. Indiana Academy of Science. (16-17 Oct 2003)
2002 Joseph A. Camin Fellowship. Acarological Society of America/Entomological Society of America. (11 Nov 2002)
2002 Educational Excellence Award. Indiana State University. (16 Apr 2002)
Phi Kappa Phi Honor Society (Spring 2001-present)
Best Oral Presentation in Entomology Section. Indiana Academy of Science. (8-9 Nov 2001)
Best Oral Presentation in Entomology Section. Indiana Academy of Science. (2-3 Nov 2000)
Third place Presentation in 4th Annual Undergraduate/Graduate Research Showcase. Indiana State University School of Graduate Studies. Terre Haute, Indiana. (7-8 Apr 2000)
Outstanding Graduate Biology Student of the Year 1998-1999 Sul Ross State University
Beta Beta Beta Honor Society (Fall 1997-present)
Who's Who In American Colleges and Universities 1999 Sul Ross State University

ACADEMIC POSITIONS

Associate Professor of Biology at Sul Ross State University

Sept 2010 – Present

Chair of Biology at Sul Ross State University

July 2007-Present

Assistant Professor of Biology at Sul Ross State University

Aug 2004 – Aug 2010

Taught: General Zoology and Labs, Environmental Biology and Labs, Parasitology and Labs, Invertebrate Biology and Labs, Human Anatomy and Physiology and Labs, General Entomology, Animal Behavior, Applied Entomology, Collections Management and Labs, Science in Cinema and TV, Med/Vet Entomology and Labs

Curator of the Jim V. Richerson Invertebrate Collection at Sul Ross State University

Aug 2004 – Present

Managed collections, accessioned and preserved specimens, processed loan requests. Have accessioned/added over 15,000 specimens and increased new cabinets by ~50% since 2004.

Lecturer and Lab Coordinator at Indiana State University

Aug 2000 / Jan 2003 – May 2004

Taught: Human Anatomy and Physiology lecture and coordinated laboratory TA's

Graduate Teaching Assistant/Lab Coordinator at Indiana State University

Aug 1999 – May 2004

Taught: Human Anatomy and Physiology lab 231L and 241L, Vertebrate Zoology Lab, Herpetology Lab, Mammalogy Lab, Ichthyology Lab, Entomology Lab. Coordinated/directed other instructors from Fall 2000 to Spring 2004 for both 231L and 241L.

Assistant Curator of Mammals and Ectoparasites at the ISUVC

Aug 2000 – Aug 2004

Assist in the routine maintenance of museum specimens, including preparation, accession, and fumigation. Began efforts into linking the Indiana State University Vertebrate Collection to the Ectoparasite Depository. Also aided in the development and advising of undergraduate research projects.

Guest Lecturer at Indiana State University

Presentations: Molecular Techniques & Preparation of Tissues for Museum Seminar (2001)
Bat Capture and Handling to IACUC (2001, 2002, 2003, 2004)
General Bat talks to 5th graders at 5th Grade Field Days (2001)
Invited bat talk at local natural history festival (2003)
Bat talks to Mammalogy class (2000)

Graduate Teaching Assistant at Sul Ross State University

Jan – May 1999 - Helped design and teach Med/Vet Entomology laboratory

Jun – Aug 1998 - Taught General Zoology & General Botany laboratories

Graduate Research Assistant at Sul Ross State University

(Aug 1996 - May 1999)

Duties: Invertebrate curatorship, vertebrate curatorship, and entomology fieldwork.

COURSES TAUGHT AT SUL ROSS STATE UNIVERSITY

Biol 1301 Medical Terminology
Biol 1402 General Zoology and Lab
Biol 2404 Human Anatomy and Physiology I and Lab
Biol 2405 Human Anatomy and Physiology II and Lab
Biol 2407 Environmental Biology and Lab
Biol 3301 Human Nutrition
Biol 3303 Sciences in Cinema and TV
Biol 3307 Animal Behavior
Biol 3403 Parasitology and Lab
Biol 3408 Invertebrate Biology and Lab
Biol 3601 General Entomology
Biol 4300 Independent Study – Ectoparasites of *Mus musculus* (McNair Sum 2009)
Biol 4300 Independent Study – Study of Eating Disorders (McNair Sum 2009)
Biol 4300 Independent Study – Ectoparasites of Honduras (McNair Fall 2008-Spring 2009)
Biol 4300 Independent Study – Ectoparasites of Nicaragua (McNair Sum 2008)
Biol 4300 Independent Study – Dental Practices in the 21st Century (McNair Sum 2008)
Biol 4300 Independent Study – Individual Studies in Biological Sciences (Spring 2008)
Biol 4300 Independent Study – Invertebrates of the Trans Pecos (Fall 2007)
Biol 4300 Independent Study – Entomological Techniques (Sum 2007)
Biol 4300 Independent Study – Mammalian Ectoparasites (Spring 2007)
Biol 4409 Mammalogy and Lab
Biol 4410 Med/Vet Entomology
Biol 4413 Collections Management
Biol 5101 Graduate Seminar – Classics in Ecology and Evolution
Biol 5307 Animal Behavior
Biol 5307 Applied Entomology
Biol 5307 Applied Human Nutrition
Biol 5307 Readings in Ecology – Conservation Biology
Biol 5312 Graduate Research – Violet Bats (Fall 2006)
Biol 5312 Graduate Research – Biology in Practice (Spring 2006)
Biol 5312 Graduate Research – Quail Food Habits (Sum 2005)
Biol 6040 Thesis Research
Biol 6301 Thesis Prospectus
Biol 6302 Thesis Defense

GRADUATE ADVISING

Theses Directed as Advisor/Co-Advisor

Erin Lance Chambers – An Ecological Study of the Southern Plains Woodrat (*Neotoma micropus*)
on the Bar SR Bar Ranch in Alpine, TX – *In Progress*
Melinda Dooley – Forensic Entomology: Dipteran communities in the Trans Pecos – *In Progress*
Amanda Gutierrez – Forensic biology – *In Progress*
Kody Kubala – parasites of Feral Hogs and Javalinas – *In Progress*
Cynthia McAlister – Pollination ecology of CDRI – What's the Buzz? – *In Progress*
Karin Nilsen – Vertebrate Communities in Saltcedar – *In Progress*

Lizbeth Marquez – A comparison of ectoparasitic communities found on small rodents between two different ecotones – *In Progress*

David Sauerszopf – A Comparative Study of Presumptive Identified Bacterial Sample from the Texas Rio Grande Region to Gen III BioLog® Microplates - *In Progress*

Alice Harris – The Prevalence and Abundance of Endoparasites and Ectoparasites in Domesticated Cattle: A Study of Parasitism on the Eastern Edwards Plateau – (Graduated Summer 2011)

Sajag Bhattarai – Antibiotic Resistance of *Pseudomonas aeruginosa*, *Staphylococcus aureus*, and *Streptococcus* isolates from Restrooms in Western Texas – Mini-thesis (Graduated Spring 2010)

Timothy Mullet – GIS model validation for predicting Mexican Spotted Owl habitat in the Trans-Pecos Region of Texas (Graduated Fall 2008)

Leah Duran – PCR-Based Identification of *Legionella pneumophila*, *Aeromonas hydrophila*, and *Yersinia enterocolitica* in Water and Sediment Samples (Graduated Fall 2008) – *co-advisor*

Brandi Bell – The efficacy of Polymerase Chain Reaction Based Detection of *Salmonella enteritidis* and *Salmonella typhimurium* in water and sediment samples from the Rio Grande (Graduated Summer 2008) – *co-advisor*

Tara Poloskey – A Comparison of Artificial Structure Use and Associated Vegetation Characteristics between Midwestern and Trans-Pecos Bats (Graduated Summer 2008)

Dan Leavitt – Reassessing a lizard survey in Big Bend National Park, Brewster County, Texas (Graduated Spring 2007)

Tiffany Beck – Environmental factors affecting ectoparasite density in bridge roosting *Tadarida brasiliensis* (Chiroptera: Molossidae) (Graduated Spring 2007)

Jeff Bardwell – Diet Selection by ontogenetic patterns in the yellow mud turtle (*Kinosternon flavescens*) (Graduated Fall 2006)

Amy Slover – Biology of *Opuntia davisii* (Graduated Summer 2006) – *coadvisor*

Non-Thesis Students

Rosalva Merez – *In Progress*

Raquel Acosta – *In Progress*

Levi Armendariz – *In Progress*

Jena Carey (Summer 2010)

Traci Guckian (Spring 2009)

Ron Schulze (Fall 2006)

Kari Murabito (Summer 2006)

Anne Marie Hilscher (Spring 2006)

Committees Served On

Jose Alec Nichols – *In Progress*

Molly Klein (Biology Mini-thesis student) – *In Progress*

Alcee Taverez (Biology Thesis student) – *In Progress*

Alisa Lanning (Biology Thesis student) – graduated 2010

Lorna Hernandez-Santin (NRM MS Thesis student) – graduated 2007

Sheri Tripp (Biology Thesis student) – graduated 2007

Tammy Hartke-Quiett (Biology Thesis student) – graduated 2005

Undergraduate Research Directed

Lisbeth Cruz – A Survey of Ectoparasites of Small Mammals from Honduras – 2011 McNair
Joel Natividad – A Survey of Ectoparasites of Small Mammals from Guatemala – 2011 McNair
David P. Rumbelow – A Look at the Population of Mexican Spotted Owls on the Davis Mountain Preserve in the Davis Mountains of Texas – 2011 McNair
Claudialina Duque - Identification and Quantification of DAAB Bacterial Consortium Using Fluorescence in situ Hybridization (FISH) – 2011 McNair
Shelton Williams – Comparison of cancer survey versus results reported cancer incidence rates for Brewster County, Texas. – 2011 McNair
Dianna Marin – Culberson County, Texas: The Unreported County in Regards to Cancer Occurrence – 2010 McNair
Sheryl Bitner – Ectoparasites of *Mus musculus* around Alpine, TX – 2009 McNair
Samantha Cohen – A Study on the Effects of Select Herbicides on the Growth, Development, and Activity of Bullfrog Tadpoles – 2008 – Texas Academy of Science Outstanding Undergraduate Poster Presentation at 2008 meeting in Junction
Lucia DeLaRosa – Reshaping of Dental Practices in the 21st Century – 2008 McNair
Jo Gina Gallego – A Survey of Ectoparasites of Small Mammals from Nicaragua – 2008 McNair oral presentation finalist

GRANTS

JAMP Grant \$12,242.00 Fall 2011 – Joint Admissions Medical Program.
SRSU Research Enhancement Grant \$5,000.00 - Spring 2011 – Tamarisk Biological Control on the Rio Grande in west Texas: Assessing *Diorhabda* spp. Affinity between Saltcedar and Athel.
JAMP Grant \$12,472.00 Fall 2010 – Joint Admissions Medical Program.
USDA-SAWC Grant \$89,295.00 Fall 2010 – Tamarisk Biological Control on the Rio Grande in West Texas: Assessing and Enhancing Biodiversity to Benefit Rare Fauna in Tamarisk Invaded Riparian Areas.
SRSU Research Enhancement Grant \$4,980.00 - Spring 2010 – Tamarisk Biological Control on the Rio Grande in west Texas: Assessing *Diorhabda* spp. Affinity between Saltcedar and Athel.
DOD-TRIES DAAB Appropriations Bill \$744,355.00 - Fall 2009– Deployable Aerobic Aqueous Bioreactor. (Note-PI of system-wide grant)
JAMP Grant \$15,000.00 Fall 2009 – Joint Admissions Medical Program.
USDA-SAWC Grant \$82,277.00 Fall 2009 – Tamarisk Biological Control on the Rio Grande in West Texas: Assessing and Enhancing Biodiversity to Benefit Rare Fauna in Tamarisk Invaded Riparian Areas.
TPWD Contract \$14,572.80 Summer 2009 – Student Summer Intern Program.
SRSU Research Enhancement Grant \$4,999.49 Spring 2009 - The Taxonomy of Laelapid Mites from Small Mammals in Honduras.
DOD-TRIES DAAB Appropriations Bill \$530,863.75 Fall 2008– Deployable Aerobic Aqueous Bioreactor.
USDA-SAWC Grant Years 1, 2, and 3 \$32,909.68 Fall 2008 – Surface Water Pathogens in the Rio Grande Basin.
JAMP Grant \$21,795.55 Fall 2008 – Joint Admissions Medical Program.

TPWD Contract \$2,240.00 Fall 2008 – Big Bend Ranch State Park Water Sampling.

CCRAA Sul Ross \$84,108.00 of \$1,838,365.00 Fall 2008 – Biology acquired this amount of the grant to disperse and utilize toward equipment purchases and developments. (Note- Grant Collaborator, not PI)

CCRAA COOP MC-SRSU \$11,312.00 of \$2,020,475.00 Fall 2008 – Biology acquired this amount of the grant to disperse and utilize toward equipment purchase and developments. (Note- Grant Collaborator, not PI)

SRSU Research Enhancement Grant \$4,800.00 Spring 2008 - The Taxonomy of *Alabidocarpus* sp. from Chiropteran hosts in the United States.

CDIMP Validation of two GIS-based habitat models for Mexican Spotted Owls in the Guadalupe Mountain range of west Texas and southern New Mexico Extension \$15,232.77 Spring 2008

CDIMP Validation of two GIS-based habitat models for Mexican Spotted Owls in the Guadalupe Mountain range of west Texas and southern New Mexico \$40,441.66 Spring 2007

SRSU Research Enhancement Grant \$4,922.50 Spring 2007 - A Survey of the Plant-Insect Pollinator Community in a Botanical Garden at the Chihuahuan Desert Research Institute, Jeff Davis County, Texas.

IMLS Museums for America Grant \$79,606 Summer 2006 – What’s the Buzz: Pollinators of the northern Chihuahuan Desert. (Note – Grant Co-PI with C. Hoyt)

SRSU Research Enhancement Grant \$4,583.95 Spring 2006 - The Ectoparasitic Ecology of *Tadarida braziliensis* in Brewster, Jeff Davis, and Presidio Counties, Texas.

SRSU Research Enhancement Grant \$4,835.00 Spring 2005 - Biodiversity of Small Mammalian Ectoparasites in Brewster County, Texas.

Proposal to monitor the area included in a habitat conservation plan for the Indiana myotis (*Myotis sodalis*) near the six points interchange \$453,567 Spring 2004– Co-PI with JO Whitaker Jr. and DW Sparks.

ISU Grad School Grant/OSP \$1300 Spring 2004 – Equipment/Research Dissemination/Workshop

ISU Grad School Grant \$800 Fall 2003 - Equipment/Dissemination of research/Workshop

Acarology Society of America Student Travel Award \$150 Fall 2003 – To attend annual meeting

Indiana Academy of Science \$2210 Spring 2003 – Ectoparasites of bats of Indiana

Indiana Academy of Science \$1080 Spring 2003 – Ectoparasites and Food Habits of *Blarina hylophaga* from Kansas

ISU Grad School Grant \$800 Spring 2003 – Equipment/Dissemination of research/Workshop

Joseph A. Camin Fellowship \$500 Fall 2002 – To attend summer Acarology workshops

ISU Grad School Grant/OSP \$1100 Fall 2002 – Equipment/publication costs

Indiana Academy of Science \$2210 Spring 2002 – Ectoparasites of bats of Indiana

ISU Grad School Grant/OSP \$900 Spring 2002 – Dissemination of research and field equipment

ISU Subvention Fund Grant \$550 Spring 2002 – Publication page costs

Indiana Academy of Science \$1670 Fall 2001 – Ectoparasites of Small Peruvian Mammals (\$250 of which are matching funds from ISU Office of Sponsored Programs)

ISU Grad School Grant \$600 Fall 2001 – Publication page costs and field equipment

Indiana Academy of Science \$1200 Spring 2001 – Ectoparasites of bats of Indiana

Grad School Grant \$240 Spring 2001 – Registration for Indiana bat symposium and equipment

Indiana Academy of Science \$980 Fall 2000 – Ectoparasites of mammals of Newport Chem.Depot

Grad School \$150 Fall 2000 – Research supplies (Slide mounting and books)

Indiana Academy of Science \$1300 Spring 2000 – Ectoparasites of bats of Indiana

Grad School Grant \$125 Spring 2000 – Registration for ASM meeting
Grad School Grant \$125 Fall 1999 – Research supplies (Slide mounting)

PUBLICATIONS

Sparks, D. W., **C. M. Ritzi**, J. O. Whitaker, Jr. (In Press). Behavioral Response of Indiana Bats to Loss of a Hub Roost. *Endangered Species Research*.

Ritzi, C. M. (In Press). A Review of Mammalian Ectoparasites from the Northern Chihuahuan Desert. Papers from the Sixth Symposium on Resources of the Chihuahuan Desert Region, United States and Mexico, 15-16 October 2004. Chihuahuan Desert Research Institute and The Nature Conservancy.

Bardwell, J. H., **C. M. Ritzi**, S. P. Lerich, and A. M. Fedynich. (In Press). Late summer dietary survey of scaled quail (*Callipepla squamata*). *Bulletin of the Texas Ornithological Society*.

Leavitt, D. J., A. F. Leavitt, and **C. M. Ritzi**. 2010. Post-grazing changes in vegetation in Big Bend National Park, Texas: A 50-year perspective. *Southwestern Naturalist* 55(4): 493-500.

Leavitt, D. J., S. R. Goldberg, C. R. Bursey, and **C. M. Ritzi**. 2010. *Aspidoscelis scalaris septemvittata* (Big Bend Spotted Whiptail). *Endoparasites. Herpetological Review* 41: 351-352.

Judy, D. J., J. O. Whitaker, Jr., D. W. Sparks, and **C. M. Ritzi**. 2010. Unusual migratory behavior by an Indiana bat (*Myotis sodalis*). *Proceedings of the Indiana Academy of Science* 119(1): 99-100.

Ritzi, C. M., and O. M. Munzer. 2009. Ectoparasites of the Evening Bat (*Nycticeius humeralis*) from Michigan. *The Great Lakes Entomologist* 42(1 & 2): 97-99.

Platt, S. G., **C. M. Ritzi**, and T. R. Rainwater. 2009. An historic record of the red-cockaded woodpecker in Indiana. *Proceedings of the Indiana Academy of Science* 118(2): 200-202.

Whitaker, J. O., **C. M. Ritzi**, and C. W. Dick. 2009. Collecting and Preserving Ectoparasites for Ecological Study *In: Ecological and Behavioral Methods for the Study of Bats*. T. H. Kunz, editor. Smithsonian Institutional Press. Washington D.C.

Valdez, E. W., **C. M. Ritzi**, and J. O. Whitaker, Jr. 2009. Ectoparasites of the occult bat, *Myotis occultus* (Chiroptera: Vespertilionidae), in New Mexico and southern Colorado. *Western North American Naturalist* 69(3): 364-370.

Mullet, T. C., F. Armstrong, B. Zank, and **C. M. Ritzi**. 2008. Predicting the potential distribution of *Viola guadalupensis* habitat in the Guadalupe Mountains using a GIS-based habitat model: evidence of a new isolated population. *Journal of the Botanical Research Institute of Texas* 2(1): 677-684.

- Storm, J. J., and **C. M. Ritzi**. 2008. Ectoparasites of small mammals in western Iowa. *Northeastern Naturalist* 15(2): 283-292.
- Whitaker, J. O. Jr., B. L. Walters, L. K. Castor, **C. M. Ritzi**, and N. Wilson. 2007. Host and distribution lists of mites (Acari), parasitic and phoretic, in the hair or on the skin of North American wild mammals north of Mexico: Records since 1974. Faculty Publications from the Harold W. Manter Laboratory of Parasitology. 2007: 1-173. (posted at <http://digitalcommons.unl.edu/parasitologyfacpubs/1>)
- Leavitt, D. J., **C. M. Ritzi**, and S. G. Platt. 2007. Late Nesting of Scaled Quail (*Callipepla squamata*) in Big Bend National Park. *Bulletin of the Texas Ornithological Society* 40(2): 83.
- Bardwell, J. H., **C. M. Ritzi**, and J. A. Parkhurst. 2007. Dietary Selection Between Different Size Classes of Larval Jefferson Salamanders (*Ambystoma jeffersonianum*). *Northeastern Naturalist* 14(2): 293-299.
- Walters, B.L., **C. M. Ritzi**, D. W. Sparks, and J. O. Whitaker. 2007. Foraging Ecology of Eastern Red Bats (*Lasiurus borealis*) at an Urban-rural Interface. *American Midland Naturalist* 157: 365-373.
- Leavitt, D. J., J. M. Mueller, and **C. M. Ritzi**. 2007. *Phrynosoma cornutum* (Texas Horned Lizard). Winter Activity. *Herpetological Review* 38(1):80.
- Leavitt, D. J., T. C. Mullet, **C. M. Ritzi**, and J. R. Skiles. 2007. *Hyla cinerea*. Geographical Distribution. *Herpetological Review* 38(1):97.
- Reeves, W. K., L. A. Durden, **C. M. Ritzi**, K. R. Beckham, P. Super, and B. M. OConnor. 2007. Ectoparasites and other ectosymbiotic arthropods of vertebrates in the Great Smoky Mountains National Park, USA. *Zootaxa* 1392: 31-68.
- Walters, B. L., D. W. Sparks, J. O. Whitaker, Jr, and **C. M. Ritzi**. 2006. Timing of migration by eastern red bats (*Lasiurus borealis*) through central Indiana. *Acta Chiroptalogia* 8(1): 259-263.
- Tuttle, N. M., D. W. Sparks, and **C. M. Ritzi**. 2005. Extralimital Record of the Gray Bat (*Myotis grisescens*) in Indiana. *Bat Research News* 46(4): 147.
- Sparks, D. W., J. O. Whitaker, Jr, and **C. M. Ritzi**. 2005. Foraging ecology of the endangered Indiana bat. Pp 15-27 *In* Indiana Bats and Coal Mining, A Technical Interactive Forum (K. C. Vories and A. Harrington, eds). Office of Surface Mining, U.S. Department of the Interior, Alton, Illinois.

- Sparks, D. W., **C. M. Ritzi**, and B. L. Everson. 2005. Nocturnal Behavior and Roosting Ecology of a Juvenile *Lasiurus cinereus* Near Indianapolis. *Proceedings of the Indiana Academy of Science* 114(1): 70-72.
- Ulrey, W. A., D. W. Sparks, and **C. M. Ritzi**. 2005. Bat Communities in Highly Impacted Areas: Comparing Camp Atterbury to the Indianapolis Airport. *Proceedings of the Indiana Academy of Science* 114(1): 73-76.
- Sparks, D. W., **C. M. Ritzi**, J. E. Duchamp, and J. O. Whitaker Jr. 2005. Foraging Habitat of Indiana myotis (*Myotis sodalis*) at an Urban/Rural Interface. *Journal of Mammalogy* 86(4): 713-718.
- Ritzi, C. M.**, B. L. Everson, and J. O. Whitaker, Jr. 2005. Use of bat boxes by a maternity colony of Indiana myotis (*Myotis sodalis*). *Northeastern Naturalist* 12(2): 217-220.
- Ritzi, C. M.**, and C. M. Ritzi. 2005. Carrion Consumption by a Great Blue Heron (Aves: Ardeinae). *Bulletin of the Texas Ornithological Society* 38(1): 17-18.
- Ritzi, C. M.**, B. C. Bartels, and D. W. Sparks. 2005. The Ectoparasites and Food Habits of the Elliot's Short-tailed Shrew, *Blarina hylophaga*. *Southwestern Naturalist* 50(1): 88-93.
- Ritzi, C. M.**, B. L. Everson, B. J. Foster, J. J. Sheets, and D. W. Sparks. 2004. Urban Ichthyology: Changes in fish community structure along an urban-rural creek in Indiana. *Proceedings of the Indiana Academy of Science* 113(1):42-52.
- Ritzi, C. M.**, and J. O. Whitaker, Jr. 2003. Ectoparasites of small mammals from the Newport Chemical Depot, Vermillion County, Indiana. *Northeastern Naturalist* 10(2): 149-158.
- Sparks, D. W., K. C. Chapman, and **C. M. Ritzi**. 2003. Additional ectoparasitic records of bats from Kansas. *Prairie Naturalist* 35(1): 49-52.
- Ritzi, C. M.**, T. A. Wethington, and J. O. Whitaker, Jr. 2002. A summary of ectoparasites, including new host records. Pp. 216-220 *In* Kurta, A., and J. Kennedy, eds. *The Indiana bat: biology and management of an endangered species*. Bat Conservation International, Austin, Texas, 253pp.
- Ritzi, C. M.** 2002. New ectoparasites records of two rodents from North Carolina. *Journal of the North Carolina Academy of Sciences* 118(4): 243-245.
- Ritzi, C. M.**, and D. W. Sparks. 2002. The Ectoparasites of the Rock Squirrel (*Spermophilus variegatus grammurus*) in New Mexico. *Southwestern Entomologist* 27(3-4): 257-262.
- Ritzi, C. M.**, E. W. Valdez, and D. W. Sparks. 2002. New Host and Locality Records of Ectoparasites from Arizona and New Mexico. *Southwestern Naturalist* 47(3): 453-456.
- Goff, M. L., **C. M. Ritzi**, and C. L. Hice. 2002. A New Species of *Polylopadium* Brennan &

- Jones, 1961 (Acari: Trombiculidae) from Cricetid Rodents, Peru with Description of a New Character for the Genus and a Key to the Species. *Journal of Medical Entomology* 39(2): 275-277.
- Fain, A., and **C. M. Ritzi**. 2001. Observations on some astigmatic mites (Acari) parasitic on rodents from Peru, with description of three new species. *International Journal of Acarology* 27(4): 251-259.
- Ritzi, C. M.**, and M. K. Clark. 2001. New Ectoparasite Records of Bats from North Carolina. *Journal of the Elisha Mitchel Scientific Society* 117(3): 137-139.
- Ritzi, C. M.**, M. T. Dixon, L. K. Ammerman, and J. V. Richerson. 2001. Ectoparasites from the Trans-Pecos Region of Texas, Including Notes from Big Bend National Park. *Journal of Medical Entomology* 38(3): 400-404.
- Ritzi, C. M.**, and C. M. Ritzi. 2001. The Arthropod Community in Bat Guano from a Building in Presidio Co., Texas. *Texas Journal of Science* 53(1): 79-82.
- Ritzi, C. M.** 1999. Cave Myotis (*Myotis velifer*) Utilization of Cliff Swallow (*Petrochelidon pyrrhonata*) Nests in West Texas. *Southwestern Naturalist*, 44(3):414-415.
- Ritzi, C. M.**, C. W. Walker, and R. L. Honeycutt. 1998. Utilization of Cave Swallow Nests by the Cave Myotis, *Myotis velifer*, in Central Texas. *Texas Journal of Science*, 50(2): 175-176.

Manuscripts in review

- DeLoach, C.J., A. E. Knutson, P.J. Moran, C.M. Ritzi, M.A. Muegge, G. J. Michels, D. Bean, and D. Thompson. (In Review). 25 Years of Biological Control of Saltcedar in the Western U.S.: Emphasis Texas – 1986-2011. Proceedings of the XIII International Symposium on Biological Control of Weeds.
- DeLoach, C.J., A. Knutson, P. Moran, D. Thompson, R. Carruthers, J. Everitt, J. Michels, D. Eberts, P. Lewis, L. Milbrath, J. Herr, T. Fain, M. Donet, J. Sanabria, M. Muegge, D. Richman, T. L. Dudley, J. Tracy, T. Robbins, J. Hudgeons, V. Carney, K. Gardner, E. Knutson, C. Randal, **C. Ritzi**, T. Polosky, A. Berezin, R. Jashenko, I. Mityaev, B. Li, R. Sobhian, A. Kirk, D. Gerling, S. Myastseva, M. McMurry, F. Nibling, H. D. Soltero, and E. Delfosse. (In Review). Research and Initial Success on Biological Control of Saltcedar in the United States, with Emphasis on Texas and New Mexico. USDA-ARS Publications.
- Leavitt, D. J., and **C. M. Ritzi**. (In Review). A temporally astatic Chihuahuan desert lizard assemblage. *Journal of Herpetology*.
- Bardwell, J. H., **C. M. Ritzi**, S. G. Platt, and M. K. Terry. (In Review). Ontogenous dietary selection among yellow mud turtles (*Kinosternon flavescens flavescens*). *Journal of Herpetology*.

Manuscripts in preparation

- Ritzi, C. M.** and J. O. Whitaker, Jr. A copulatory aid for volant insemination in bats of the genus *Lasiurus*. In prep for Acta Chiroptalogia.
- Sparks, D. W., **C. M. Ritzi**, and J. O. Whitaker, Jr. Bats and urbanization near the Indianapolis International Airport. In prep. for Ecography.
- Sparks, D. W., J. E. Duchamp, **C. M. Ritzi**, and J. O. Whitaker, Jr. Comparison of the natural roosts of *Myotis septentrionalis*, *Nyctieius humeralis*, and *Myotis sodalis* near the Indianapolis International Airport. In prep. for Journal of Wildlife Management.
- Ritzi, C. M.** Reproductive linkage between *Steatonyssus ceratognathus* (Acari: Macronyssidae) and *Nycticeius humeralis* (Chiroptera: Vespertilionidae). In prep. for Environmental Entomology.
- Ritzi, C. M.** Changes in the Site Specificity of a Mite (Macronyssidae) According to Reproductive Stage of its Host (Chiroptera). In prep. for Journal of Medical Entomology.
- Ritzi, C. M.**, and D. W. Sparks. The Ectoparasites of Bat Communities in Indiana, Including New Host and Host Locality Records. In prep. for American Midland Naturalist.
- Ritzi, C. M.**, C. L. Hice, and M. Houck. The ectoparasites of a collection of small mammals from Peru. In prep. for Journal of Medical Entomology.
- Blackshear, S. D., K. B. Craig, and **C. M. Ritzi**. Endoparasitic Infection and Stone Debris Ingestion in the Texas Horned Lizard (*Phrynosoma cornutum*). In prep. for Herpetological Review.

PUBLISHED PHOTOGRAPHS AND ILLUSTRATIONS

- Sparks, D.W., C. J. Schmidt, and J. R. Choate. 2011. Bats of Kansas. Indiana State University Center for North American Bat Research and Conservation, Publication 5:1-60.
- Brack, V. Jr., D. W. Sparks, J. O. Whitaker, Jr., B. L. Walters, and A. Boyer. 2010. Bats of Ohio. Indiana State University Center for North American Bat Research and Conservation, Publication 4:1-92.
- Whitaker, J.O. Jr. 2009. Ectoparasites pp 429-444 *In*: Bats in Captivity: Volume 1: Biological and Medical Aspects. S. M. Barnard, editor. Logos Press. Washington D.C.
- Boyles, J., J. Timpone, and L. Robbins. 2009. Bats of Missouri. Indiana State University Center for North American Bat Research and Conservation, Publication 3:1-60.

Kurta, A. 2008. Bats of Michigan. Indiana State University Center for North American Bat Research and Conservation, Publication 2:1-72.

Whitaker, J.O., Jr., V. Brack, Jr., D.W. Sparks, J.B. Cope, and S. Johnson. 2007. Bats of Indiana. Indiana State University Center for North American Bat Research and Conservation, Publication 1:1-59.

Belifuss, M. L., D. W. Sparks, and K. Henman. 2007. The Indiana Bat. The Hoosier Science Teacher 32(3): 69-71.

NON-PEER REVIEWED PUBLICATIONS AND REPORTS

DeLoach, C.J., A. E. Knutson, P. J. Moran, J. H. Everitt, G. J. Michels, M. A. Muegge, C. W. Randel, T. G. Fain, M. P. Donet, and **C. M. Ritzi**. 2009. Progress on Biological Control of Salt Cedar in the Western U.S.: Emphasis – Texas 2004-2009. Submitted 27 Aug 2009 as a report of Information for the public by the USDA and AgriLIFE Research.

DeLoach, C.J., A. E. Knutson, P. J. Moran, J. H. Everitt, J. Michels, M. A. Muegge, C. W. Randel, T. G. Fain, M. P. Donet, and **C. M. Ritzi**. 2008. Progress on Biological Control of Salt Cedar in the Western U.S.: Emphasis – Texas 2004-2008. Submitted 20 Mar 2008 as a report of Information for the public by the USDA and AgriLIFE Research.

Ritzi, C. M., and T. C. Mullet. 2008. Evaluation of two GIS Habitat Models and initial characterization of nesting and breeding-season roosting microhabitat for Mexican spotted owls in the Guadalupe Mountains. Submitted to Chihuahuan Desert Network Inventory & Monitoring Network, National Park Service.

Whitaker, J. O., Jr. D. W. Sparks, J. G. Boyles, D. Judy, J. L. Burskey, and **C. M. Ritzi**. 2005. 2005 Monitoring program for the Indiana myotis (*Myotis sodalis*) near the site of the future Six Points Interchange in Hendricks and Marion Counties, Indiana as required under the Six Points Interchange Habitat Conservation Plan. Submitted to BAA Indianapolis for the Indianapolis Airport Authority, Indianapolis International Airport.

Whitaker, J. O., Jr., D. W. Sparks, and **C. M. Ritzi**. 2005. 2004 Monitoring program for the Indiana myotis (*Myotis sodalis*) near the site of the future Six Points Interchange in Hendricks and Marion Counties, Indiana as required under the Six Points Interchange Habitat Conservation Plan. Submitted to BAA Indianapolis for the Indianapolis Airport Authority, Indianapolis International Airport.

Whitaker, J. O., Jr., D. W. Sparks, and **C. M. Ritzi**, and Brianne L Everson. 2004. 2003 Monitoring program for the Indiana myotis (*Myotis sodalis*) near the site of the future Six Points Interchange in Hendricks and Marion Counties, Indiana as required under the Six Points Interchange Habitat Conservation Plan. Submitted to BAA Indianapolis for the Indianapolis Airport Authority, Indianapolis International Airport.

- Sparks, D. W., **C. M. Ritzi**, and J. O. Whitaker, Jr. What do Indiana myotis do when they lose a roost? Chapter 1 p1-12 *In* Whitaker, J. O., Jr. and D. W. Sparks. 2003. 2002 Monitoring program for the Indiana myotis (*Myotis sodalis*) near the site of the future Six Points Interchange in Hendricks and Marion Counties, Indiana as required under the Six Points Interchange Habitat Conservation Plan. Submitted to BAA Indianapolis for the Indianapolis Airport Authority, Indianapolis International Airport.
- Sparks, D. W., **C. M. Ritzi**, J. E. Duchamp, and J. O. Whitaker Jr. Foraging Habitat of Indiana myotis (*Myotis sodalis*) at an Urban/Rural Interface. Chapter 3 p1-25 *In* Whitaker, J. O., Jr. and D. W. Sparks. 2003. 2002 Monitoring program for the Indiana myotis (*Myotis sodalis*) near the site of the future Six Points Interchange in Hendricks and Marion Counties, Indiana as required under the Six Points Interchange Habitat Conservation Plan. Submitted to BAA Indianapolis for the Indianapolis Airport Authority, Indianapolis International Airport.
- Sparks, D. W., **C. M. Ritzi**, and J. O. Whitaker, Jr. Urbanization and Bats at the Indianapolis International Airport. Chapter 4 p1-8 *In* Whitaker, J. O., Jr. and D. W. Sparks. 2003. 2002 Monitoring program for the Indiana myotis (*Myotis sodalis*) near the site of the future Six Points Interchange in Hendricks and Marion Counties, Indiana as required under the Six Points Interchange Habitat Conservation Plan. Submitted to BAA Indianapolis for the Indianapolis Airport Authority, Indianapolis International Airport.

PRESENTATIONS

- C. M. Ritzi** and A. M. Hilscher. 2010. Status of the Tamarisk Leaf Beetle (*Diorhabda* spp.) as a Saltcedar (*Tamarisk*) Biocontrol Agent Along the Rio Grande in Presideo County and its Impact on a Non-target Species, *Tamarisk aphylla*. Texas Invasive Plant and Pest Conference. Lady Bird Johnson Wildflower Center, Austin, Texas. 8-10 Nov 2010.
- C. J. DeLoach, A. E. Knutson, **C. M. Ritzi**, P.J. Moran, J. Sirotnak, M. A. Muegge. 2010. Rapid Increase and Effects of Biological Control of Saltcedar (*Tamarisk* spp.) in the Western USA, Emphasis Texas. Texas Invasive Plant and Pest Conference. Lady Bird Johnson Wildflower Center, Austin, Texas. 8-10 Nov 2010.
- A. M. Hilscher and **C. M. Ritzi**. 2010. Impact of Saltcedar Biological Control Along the Rio Grande on Non-target species, *Tamarisk aphylla*. Texas Invasive Plant and Pest Conference. Lady Bird Johnson Wildflower Center, Austin, Texas. 8-10 Nov 2010.
- L. C. Marquez and **C. M. Ritzi**. 2010. A Survey of Ectoparasites of Small Mammals from Honduras. 4th Annual Mcnair-Tafoya Symposium. Sul Ross State University, Alpine, Texas, 7 Nov 2010.
- J. Natividad and **C. M. Ritzi**. 2010. A Survey of Ectoparasites of Small Mammals from Guatemala. 4th Annual Mcnair-Tafoya Symposium. Sul Ross State University, Alpine, Texas, 7 Nov 2010.

- D. P. Rumbelow and **C. M. Ritzi**. 2010. A Look at the Population of Mexican Spotted Owls on the Davis Mountain Preserve in the Davis Mountains of Texas. 4th Annual McNair-Tafoya Symposium. Sul Ross State University, Alpine, Texas, 7 Nov 2010.
- C. Duque, K. Little, and **C. M. Ritzi**. 2010. Identification and Quantification of DAAB Bacterial Consortium Using Fluorescence in situ Hybridization (FISH). 4th Annual McNair-Tafoya Symposium. Sul Ross State University, Alpine, Texas, 7 Nov 2010.
- C.M. Ritzi** and A.M. Hilscher. 2011. Expansion of *Diorhabda sublineata* (Tunisia) and *D. elongate* (Crete) tamarisk beetle populations and defoliation along the Rio grande between Lajitas and Candelaria. 2011 Texas-New Mexico-Mexico Saltcedar Biological Control Consortium Meeting, Sul Ross State University, Alpine, Texas, 4-5 October 2011.
- A.M. Hilscher and **C.M. Ritzi**. 2011. Regrowth of freeze-damaged athel trees and impact of tamarisk beetles along the Rio Grande in 2011. 2011 Texas-New Mexico-Mexico Saltcedar Biological Control Consortium Meeting, Sul Ross State University, Alpine, Texas, 4-5 October 2011.
- DeLoach, C.J., A. E. Knutson, P.J. Moran, **C.M. Ritzi**, M.A. Muegge, G. J. Michels, D. Bean, and D. Thompson. 2011. 25 Years of Biological Control of Saltcedar in the Western U.S.: Emphasis Texas – 1986-2011. XIII International Symposium on Biological Control of Weeds. Waikoloa Beach Marriott Resort & Spa, Hawai'i, 11-16 Sept 2011.
- Harris, A. L. and **C. M. Ritzi**. 2011. The prevalence and abundance of endoparasites and ectoparasites in domesticated cattle: A study of parasitism on the Eastern Edwards Plateau. SRSU Arts & Sciences Graduate Research Showcase. Sul Ross State University, Alpine, Texas, 30 March 2011.
- Nilsen, K. L., S. G. Platt, and **C. M. Ritzi**. 2011. A preliminary survey of reptiles, amphibians, and small mammals in invasive saltcedar (*Tamarisk* spp.) monocultures in Presidio County, Texas. SRSU Arts & Sciences Graduate Research Showcase. Sul Ross State University, Alpine, Texas, 30 March 2011.
- Ritzi, C. M.**, A. M. Hilscher, and A. Berezin. 2011. Introduction of the tamarisk leaf beetle (*Diorhabda* spp.) as a saltcedar (*Tamarisk*) biocontrol agent along the Rio Grande in Presidio County, Texas. 114th Annual Meeting of the Texas Academy of Science. St. Edwards University, Austin, Texas, 3-5 March 2011.
- Marin, D. and **C. M. Ritzi**. 2011. Culberson County, Texas: The Unreported County in Regards to Cancer Occurrence. 114th Annual Meeting of the Texas Academy of Science. St. Edwards University, Austin, Texas, 3-5 March 2011.
- Nilsen, K. L., S. G. Platt, and **C. M. Ritzi**. 2011. A preliminary survey of reptiles, amphibians, and small mammals in invasivesaltcedar (*Tamarisk* spp.) monocultures in Presidio County, Texas. 114th Annual Meeting of the Texas Academy of Science. St. Edwards University, Austin, Texas, 3-5 March 2011.

- Cruz, L. and **C. M. Ritzi**. 2011. A survey of ectoparasites from small mammals from Honduras. 114th Annual Meeting of the Texas Academy of Science. St. Edwards University, Austin, Texas, 3-5 March 2011.
- Hilscher, A. M. and **C. M. Ritzi**. 2011. The impact of saltcedar biological control on a non-target species, *Tamarisk aphylla*. 114th Annual Meeting of the Texas Academy of Science. St. Edwards University, Austin, Texas, 3-5 March 2011.
- Harris, A. L. and **C. M. Ritzi**. 2011. The prevalence and abundance of endoparasites and ectoparasites in domesticated cattle: A study of parasitism on the Eastern Edwards Plateau. 114th Annual Meeting of the Texas Academy of Science. St. Edwards University, Austin, Texas, 3-5 March 2011.
- Marin, D. and **C. M. Ritzi**. 2011. Culberson County, Texas: The Unreported County in Regards to Cancer Occurrence. Oklahoma State University Research Symposium. Stillwater, Oklahoma, 21-25 February 2011.
- Ritzi, C. M.**, A. M. Hilscher, and J. DeLoach. 2011. Impact of the Tamarisk Leaf Beetle (*Diorhabda spp.*) on Salt Cedar (*Tamarix spp.*) and Athel (*T. athel*) Along the Rio Grande River in Presidio County, Texas. The Landscape Ecology of Tamarisk 2011 Tamarisk Coalition Research Conference. Marriott University Park, Tucson, Arizona, 16-17 February 2011.
- Marin, D. and **C. M. Ritzi**. 2011. Culberson County, Texas: The Unreported County in Regards to Cancer Occurrence. 13th Annual Texas National McNair Honors Research Conference. University of North Texas, Denton, Texas, 18-20 February 2011.
- Marin, D. and **C. M. Ritzi**. 2011. Culberson County, Texas: The Unreported County in Regards to Cancer Occurrence. Texas Undergraduate Research Day at the Capital. Austin, Texas, 14 February 2011.
- Ritzi, C. M.**, A. Berezin, A. M. Hilscher, J. DeLoach, and J. Tracy. 2010. Introduction of the tamarisk leaf beetle (*Diorhabda spp.*) as a saltcedar (*Tamarix*) biocontrol agent along the Rio Grande River in Presidio and Brewster Counties, Texas. Chihuahuan Desert Education Coalition's Chihuahuan Desert Conference. Carlos M. Ramirez Tech₂0 Water Resource Learning Center, El Paso, Texas, 13-14 November 2010.
- Marin, D. and **C. M. Ritzi**. 2010. Culberson County, Texas: The Unreported County in Regards to Cancer Occurrence. 3rd Annual McNair-Tafoya Symposium. Sul Ross State University, 27 Oct 2010.
- Ritzi, C. M.** and A. Berezin. 2010. SAWC Tamarisk Biological Control on the Río Grade in West Texas: La Junta Project. Saltcedar Biological Control Consortium: Texas-New Mexico-Mexico Section. Sul Ross State University, Alpine, TX. 14-17 Sept 2010.

- Marin, D. and **C. M. Ritzi**. 2010. Culberson County, Texas: The Unreported County in Regards to Cancer Occurrence. 18th Annual Ronald E. McNair California Scholars Symposium. University of California Berkeley, 5-8 Aug 2010.
- Ritzi, C. M.** 2010. Outdoor Learning to Enhance Medical and Veterinary Entomology Experiences. Outdoor Teaching/Learning Conference. Sul Ross State University, Alpine, TX. 5-6 August 2010.
- Ritzi, C. M.** and A. Berezin. 2010. SAWC Tamarisk Biological Control on the Río Grande in West Texas: La Junta Project. Rio Grande Basin Initiatives Annual Conference. Sul Ross State University, Alpine, TX. 17-20 May 2010.
- Little, K. J. and **C. M. Ritzi**. 2010. Four Years on the Rio Grande: The Surface Water Pathogen Project, 2004-2008. Rio Grande Basin Initiatives Annual Conference. Sul Ross State University, Alpine, TX. 17-20 May 2010.
- Berezin, A., **C. M. Ritzi**, J. DeLoach, and J. Tracy. 2010. Introduction of the Beetle (*Diorhabda* Spp.) as a Salt Cedar (*Tamarix*) Biocontrol Agent Along the Rio Grande River in Presidio and Brewster County, Texas. Rio Grande Basin Initiatives Annual Conference. Sul Ross State University, Alpine, TX. 17-20 May 2010.
- Armendariz, L., K. J. Little, **C. M. Ritzi**, and D. Sauerzopf. Effect of System Shocks on Performance in an Aerobic Bioreactor System. Rio Grande Basin Initiatives Annual Conference. Sul Ross State University, Alpine, TX. 17-20 May 2010.
- DeLoach, C. J., R. Carruthers, A. Knutson, T. Fain, B. Skeen, **C. Ritzi**, P. Moran, and R. Lujan Godínez. Success of Biological Control of Saltcedar in the Western USA – Emphasis Texas and along the Mexican Border. International Organization for Biological Control: Nearctic and Neotropic Regional Sections Conference Biocontrol in the Americas – Past, Present and Future. Niagara Falls, Ontario, Canada. 11-13 May 2010.
- Nilsen, K. and **C.M. Ritzi**. 2010. Insect Survey of Three Artificial Ecological Zone Gardens. 113th Annual Meeting of the Texas Academy of Science. Tarleton State University, Stephenville, TX. 4-6 Mar 2010.
- Bitner, S. and **C. M. Ritzi**. 2010. Ectoparasites of *Mus musculus* Around Alpine, with Notes on the Ectoparasites Associated with Other Rodent Species. 113th Annual Meeting of the Texas Academy of Science. Tarleton State University, Stephenville, TX. 4-6 Mar 2010.
- Berezin, A., and **C. Ritzi**. 2009. Introduction of the Beetle (*Diorhabda* spp.) as a Salt Cedar (*Tamarisk*) Biocontrol Agent Along the Rio Grande River in Presidio and Brewster County, Texas. Texas Invasive Plant and Pest Conference, Trinity University, San Antonio, TX. 13-14 Nov 2009.

- DeLoach, C. J., A. E. Knutson, **C. Ritzi**, and A. Berezin. 2009. SaltCedar Biological Control, Field Results – Emphasis Big Spring Area of Texas, 2004-2009. Texas Invasive Plant and Pest Conference, Trinity University, San Antonio, TX. 13-14 Nov 2009.
- Bitner, S. and **C. M. Ritzi**. 2009. Ectoparasites of *Mus musculus* Around Alpine, with Notes on the Ectoparasites Associated with Other Rodent Species. 2nd Annual McNair-Tafoya Symposium. Sul Ross State University, Alpine, TX. 28 Oct 2009.
- Fain, T., M. Donet, **C. Ritzi**, and J. DeLoach et al. 2009. Saltcedar Biological Control Rio Grande: Forgotten River Area, Presidio to Candelaria, TX. Binational Meeting of Saltcedar Biological Control Projects along the Banks of the Rio Grande in Texas. USIBWC Presidio Field Office, Presidio, TX. 4 Sept 2009.
- Cohen, S. and **C. M. Ritzi**. 2009. Select Herbicides and Their Effects on Growth, Development, and Activity Levels of *Rana Catesbeiana* Tadpoles. 112th Annual Meeting of the Texas Academy of Science. Texas Tech Field Station, Junction, TX. 5-7 Mar 2009.
- Gallego, J.G. and **C. M. Ritzi**. 2009. A Survey of Ectoparasites of Small Mammals from Nicaragua. 112th Annual Meeting of the Texas Academy of Science. Texas Tech Field Station, Junction, TX. 5-7 Mar 2009.
- Cohen, S. and **C. M. Ritzi**. 2009. Select Herbicides and Their Effects on Growth, Development, and Activity Levels of *Rana Catesbeiana* Tadpoles. McNair-Tafoya Symposium. Sul Ross State University, Alpine, TX. 4 Mar 2009.
- DeLaRosa, L. and **C. M. Ritzi**. 2009. Light Amplification of Simulated Emissions of Radiation. McNair-Tafoya Symposium. Sul Ross State University, Alpine, TX. 4 Mar 2009.
- Gallego, J.G. and **C. M. Ritzi**. 2009. A Survey of Ectoparasites of Small Mammals from Nicaragua. McNair-Tafoya Symposium. Sul Ross State University, Alpine, TX. 4 Mar 2009.
- Little, K. and **C. M. Ritzi**. 2009. Sul Ross Does Dirty Job: The Deployable Aerobic Aqueous Bioreactor Project. Rio Grande Branch of the American Society of Microbiology Conference. Las Cruces, NM. 28 Feb 2009.
- Berezin, A., M. Donet, and **C. Ritzi**. 2008. Saltcedar leaf beetle Rio Grande Release Program: La Junta Project. 2008 World Wildlife Fund Chihuahuan Desert Workshop. Alpine, TX 12-13 Nov 2008.
- Baxter, D., G. Freeman, **C. Ritzi**, and M. Spanowicz. 2008. Big Bend Naturalists on Nature Notes. Center for Big Bend Studies 15th Annual Conference. Alpine, Texas 7-8 Nov 2008.
- Ritzi, C. M.** 2008. Ectoparasitic Ecology of Bats. Big Bend Sierra Club. 16 Oct 2008.

- Mullet, T. C., J. P. Ward, **C. M. Ritzi**. 2008. Evaluation of two GIS-based habitat models for Mexican spotted owls in the Guadalupe Mountains of Texas and New Mexico. American Ornithologist's Union 126th Annual Meeting, Portland OR. 7-9 Aug 2008.
- Guckian, T., R. Meraz, and **C. M. Ritzi**. Endo- and Ectoparasites of small rodents from Brewster County, Texas. The 111th Annual Meeting of the Texas Academy of Science, Texas A&M University-Corpus Christi, Corpus Christi, Texas 6-8 Mar 2008.
- McAlister, C. G., and **C. M. Ritzi**. Comparison of native bee diversity between a botanical garden and adjacent grasslands, Chihuahuan Desert Research Institute, Jeff Davis County, Texas. The 111th Annual Meeting of the Texas Academy of Science, Texas A&M University-Corpus Christi, Corpus Christi, Texas 6-8 Mar 2008.
- Hernandez-Santin, L., L. A. Haveson, B. J. Warnock, and **C. M. Ritzi**. Biodiversity of mesocarnivores along riparian areas of the Big Bend National Park. The 111th Annual Meeting of the Texas Academy of Science, Texas A&M University-Corpus Christi, Corpus Christi, Texas 6-8 Mar 2008.
- Ritzi, C. M.**, and J. J. Storm. Ectoparasites and other ectosymbiotic arthropods of small mammals in western Iowa. The 87th Annual Meeting of the American Society of Mammalogists, University of New Mexico, Albuquerque, New Mexico 6-10 Jun 2007.
- Leavitt, D. J., and **C. M. Ritzi**. Reassessing a lizard survey in Big Bend National Park. The 54th Annual Meeting of the Southwestern Association of Naturalists, Tarleton State University, Stephenville, Texas 19-21 Apr 2007.
- Leavitt, D. J., A. F. Leavitt, and **C. M. Ritzi**. Measuring vegetative change: Fifty year differences in Big Bend National Park. The 54th Annual Meeting of the Southwestern Association of Naturalists, Tarleton State University, Stephenville, Texas 19-21 Apr 2007.
- Poloskey, T. M., and **C. M. Ritzi**. Relationship between artificial structures and surrounding habitat variables as predictors of potential bat day roosts: Comparison study of patterns in Indiana and Texas. The 54th Annual Meeting of the Southwestern Association of Naturalists, Tarleton State University, Stephenville, Texas 19-21 Apr 2007.
- Storm, J. J., and **C. M. Ritzi**. Ectoparasites and other ectosymbiotic arthropods of small mammals in Western Iowa. The 110th Annual Meeting of the Texas Academy of Science, Baylor University, Waco, Texas 1-3 Mar 2007.
- Mullet, T. C., and **C. M. Ritzi**. Validation of a GIS-based habitat model for Mexican Spotted Owls in the Guadalupe Mountain range of West Texas. The 110th Annual Meeting of the Texas Academy of Science, Baylor University, Waco, Texas 1-3 Mar 2007.
- McAlister, C. G., and **C. M. Ritzi**. Characterization of an insect pollinator community in a Northern Chihuahuan Desert Botanical Garden, Chihuahuan Desert Research Institute, Jeff

- Davis County, Texas. The 110th Annual Meeting of the Texas Academy of Science, Baylor University, Waco, Texas 1-3 Mar 2007.
- Poloskey, T. M., and **C. M. Ritzi**. Relationship between artificial structures and surrounding habitat variables as predictors of potential bat day roosts: Comparison study of patterns in Indiana and Texas. The 110th Annual Meeting of the Texas Academy of Science, Baylor University, Waco, Texas 1-3 Mar 2007.
- Leavitt, D. J., and **C. M. Ritzi**. Reassessing a lizard survey in Big Bend National Park. The 110th Annual Meeting of the Texas Academy of Science, Baylor University, Waco, Texas 1-3 Mar 2007.
- Leavitt, D. J., A. F. Leavitt, and **C. M. Ritzi**. Measuring vegetative change: Fifty year differences in Big Bend National Park. The 110th Annual Meeting of the Texas Academy of Science, Baylor University, Waco, Texas 1-3 Mar 2007.
- Ritzi, C. M.** A copulatory aid for volant insemination in bats of the genus *Lasiurus*. The 109th Annual Meeting of the Texas Academy of Science, Lamar University, Beaumont, Texas 2-4 Mar 2006.
- Bardwell, J. H., and **Ritzi, C. M.** Ontogenous prey specific selection among yellow mud turtles (*Kinosternon flavescens*). The 109th Annual Meeting of the Texas Academy of Science, Lamar University, Beaumont, Texas 2-4 Mar 2006.
- Leavitt, D. J., and **Ritzi, C. M.** Reassessing lizard community assemblages in Big Bend National Park. The 109th Annual Meeting of the Texas Academy of Science, Lamar University, Beaumont, Texas 2-4 Mar 2006.
- Mullet, T. C., **Ritzi, C. M.**, and J. Karges. Survey for the contemporary status, population density, distribution, and habitat use of Mexican Spotted Owls, *Strix occidentalis lucida*, in the Davis Mountains of West Texas. The 109th Annual Meeting of the Texas Academy of Science, Lamar University, Beaumont, Texas 2-4 Mar 2006.
- Sparks, D. W., **C. M. Ritzi**, and B. L. Everson. Nocturnal Behavior and Roosting Ecology of a Juvenile *Lasiurus cinereus* near Indianapolis, Indiana. The 85th Annual Meeting of the American Society of Mammalogists, Southwest Missouri State University, Springfield, Missouri 15-19 June 2005.
- Everson, B. L., **C. M. Ritzi**, D. W. Sparks, and J. O. Whitaker, Jr. Foraging Behavior of Eastern Red Bats in Central Indiana. The 85th Annual Meeting of the American Society of Mammalogists, Southwest Missouri State University, Springfield, Missouri 15-19 June 2005.
- Ritzi, C. M.** A Preliminary Survey of Chiropteran Ectoparasites from the Trans-Pecos Region of Texas. The 52nd Annual Meeting of the Southwestern Association of Naturalists, Sam Houston State University, Huntsville, Texas 14-16 Apr 2005.

Ritzi, C. M. A Preliminary Survey of Chiropteran Ectoparasites from the Trans-Pecos Region of Texas. The 108th Annual Meeting of the Texas Academy of Science, University of Texas – Pan American, Edinburg, Texas 3-5 Mar 2005.

Everson, B. L., **C. M. Ritzi**, D. W. Sparks, and J. O. Whitaker, Jr. Foraging behavior of eastern red bats in central Indiana. The Annual Meeting of the Midwest Fish and Wildlife Conference, Indianapolis, Indiana 8 Dec 2004.

Sparks, D. W., J. O. Whitaker, Jr., and **C. M. Ritzi**. Foraging Ecology of the Endangered Indiana Bat. Indiana Bat and Coal Mining Symposium. Louisville, Kentucky 16-18 Nov 2004.

Everson, B. L., **C. M. Ritzi**, D. W. Sparks, and J. O. Whitaker, Jr. Foraging behavior of eastern red bats in central Indiana. The 120th Annual Meeting of the Indiana Academy of Science, Hanover College, Hanover, Indiana 28-29 Oct 2004.

Ritzi, C. M. A Review of Mammalian Ectoparasites from the Northern Chihuahuan Desert. Chihuahuan Desert Research Symposium, Sul Ross State University, Alpine, Texas 15-16 October 2004.

Sparks, D.W., **C. M. Ritzi**, and J.O. Whitaker. What do Indiana myotis do when they lose a roost? 84th Annual Meeting of the America Society of Mammalogist. Humboldt State University, Arcata, California. 12-16 June 2004.

Ritzi, C. M. Site Specificity in Macronyssid Mites on Two Species of Bat in Relation to Host Reproductive State. 8th Annual Graduate School Showcase. Indiana State University. Terre Haute, Indiana. 24 April 2004.

Ritzi, C. M. Comparison of the ectoparasites of three species of *Blarina*, with new host records from Elliot's short-tailed shrew (*Blarina hylophaga*). 51st Annual Meeting of the Southwestern Association of Naturalists. San Antonio, Texas. 15-17 April 2004.

Ritzi, C. M. Site specificity of Macronyssid mites on two species of vespertilionid bat in Indiana. 2003. 51st Annual Meeting of the Entomological Society of America. Cincinnati, Ohio. 26-29 October 2003.

Ritzi, C. M. Site specificity of Macronyssid Mites (Acari: Macronyssidae) on the Big Brown Bat (*Eptesicus fuscus*) and the Evening Bat (*Nycticeius humeralis*) in Relation to Host Reproductive State. 2003. 119th Annual Meeting of the Indiana Academy of Science. Anderson, Indiana. 16-17 October 2003

Everson, B. L., **C. M. Ritzi**, D. W. Sparks and J. O. Whitaker, Jr. Foraging Behavior of Eastern Red Bats, *Lasiurus borealis*, in Central Indiana. 2003. 119th Annual Meeting of the Indiana Academy of Science. Anderson, Indiana. 16-17 October 2003

Sparks, D. W., **C. M. Ritzi** and B. L. Everson. The Indiana Bat as an Umbrella Species for Wildlife near Indianapolis. 2003. 119th Annual Meeting of the Indiana Academy of Science. Anderson, Indiana. 16-17 October 2003.

Ritzi, C. M., and B. L. Everson. Site specificity of *Steatonyssus occidentalis* (Acari: Macronyssidae) on the big brown bat (*Eptesicus fuscus*) in relation to host reproductive state. 2003. 83rd Annual Meeting of the American Society of Mammalogists. Lubbock, TX. 21-25 June 2003.

Sparks, D. W., **C. M. Ritzi** J. E. Duchamp, and J. O. Whitaker Jr. Foraging ecology of the Indiana myotis (*Myotis sodalis*) at the Indianapolis international airport. 2003. 83rd Annual Meeting of the American Society of Mammalogists. Lubbock, TX. 21-25 June 2003.

Ritzi, C. M. Site specificity of macronyssid mites on two species of vespertilionid bat in Indiana. 2002. 118th Annual Meeting of the Indiana Academy of Science. Indianapolis, Indiana. 10-11 October 2002.

Sheets, J. J., **C. M. Ritzi**, B. L. Everson, B. J. Foster, S. S. Nard, and D. W. Sparks. Fishes of the Indianapolis International Airport, Marion and Hendricks Counties, Indiana. 2002. 118th Annual Meeting of the Indiana Academy of Science. Indianapolis, Indiana. 10-11 October 2002.

Everson, B. L., D. W. Sparks, **C. M. Ritzi**, and J. E. Duchamp. Foraging behavior of Indiana bats at the Indianapolis International Airport. 2002. 118th Annual Meeting of the Indiana Academy of Science. Indianapolis, Indiana. 10-11 October 2002.

Ritzi, C. M. Host-ectoparasitic relationships within bat communities in Indiana. 2002. 82nd Annual meeting of the American Society of Mammalogists. Lake Charles, Louisiana. 15-19 June 2002.

Sparks, D. W., J. E. Duchamp, and **C. M. Ritzi**. Comparison of roosts used by *Myotis septentrionalis* and *Nycticeius humeralis*. 2002. 82nd Annual meeting of the American Society of Mammalogists. Lake Charles, Louisiana. 15-19 June 2002.

Ritzi, C. M. The Ectoparasitic Relationships within Two Bat Communities in Indiana. 2001. 117th Annual Meeting of the Indiana Academy of Science. Fort Wayne, Indiana. 8-9 November 2001.

Amlaner, C. J., W. Franklin, **C. Ritzi**, S. Lima, and N. Rattenborg. 2001. Sleep-wake behavior patterns and eye closure states in juvenile Greater Rheas (*Rhea americana*). Association of Professional Sleep Societies. Chicago, Illinois. June 2001.

Amlaner, C. J., W. Franklin, **C. Ritzi**, S. Lima, and N. Rattenborg. 2001. Sleep-wake behavior patterns and eye closure states in juvenile Greater Rheas (*Rhea americana*). International Symposium on Biotelemetry 16. Vienna, Austria. May 2001.

- Ritzi, C. M.,** T. A. Wethington, and J. O. Whitaker, Jr. 2001. The Ectoparasites of the Indiana bat, *Myotis sodalis*, Including New Host Records. Wabash Valley Chapter of Sigma Xi. Rose Hulman Institute of Technology. Terre Haute, Indiana. 19 April 2001.
- Ritzi, C. M.,** T. A. Wethington, and J. O. Whitaker, Jr. 2001. The Ectoparasites of the Indiana bat, *Myotis sodalis*, Including New Host Records. National Symposium of the Indiana Bat, Management and Conservation of an Endangered Species. Lexington, Kentucky. 30 March-1 April 2001.
- Ritzi, C. M.** 2000. The Ectoparasitic Fauna of the Bats of Prairie Creek, Vigo County, IN. 116th Annual Meeting of the Indiana Academy of Science. Richmond, Indiana. 2-3 November 2000.
- Ritzi, C. M.,** M. T. Dixon, and J. V. Richerson. 2000. Bat Ectoparasites and Other Symbiotic Arthropods from the Trans-Pecos Region of Texas. 80th Annual Meeting of the American Society of Mammalogists. Durham, New Hampshire. 17-21 June 2000.
- Ritzi, C. M.** and J. V. Richerson. 2000. Bat Ectoparasites and Other Symbiotic Arthropods from the Trans-Pecos Region of Texas. 4th Annual Undergraduate/Graduate Research Showcase. Indiana State University School of Graduate Studies. Terre Haute, Indiana. April 7-8 2000.
- Ritzi, C. M.** and J. V. Richerson. 1999. Ectoparasites and Other Arthropods Associated with Bats in the Trans-Pecos region of Texas. 47th Annual Southwestern Branch Meeting of the Entomological Society of America. Las Cruces, New Mexico. 23-26 February 1999.
- Ritzi, C. M.** and J. V. Richerson. 1999. Ectoparasites and Other Arthropods Associated with Bats in the Trans-Pecos region of Texas. 102nd Annual Meeting of the Texas Academy of Science. Seguin, Texas. 4-6 March 1999.
- Ritzi, C. M.** and J. V. Richerson. 1998. Ectoparasites and Other Arthropods Associated with Bats in the Trans-Pecos Region of Texas. 45th Annual Meeting of the Association of Southwestern Naturalists. Albuquerque, New Mexico. 9-11 April 1998.

PROFESSIONAL AFFILIATIONS

American Society of Mammalogy	The Association of Southwestern Naturalists
Entomological Society of America	The Texas Academy of Science
Southwestern Entomological Society	The Indiana Academy of Science
Acarological Society of America	Chihuahuan Desert Research Institute
Texas Association of Allied Health Professionals	Bat Conservation International
Texas Invasive Plant and Pest Council	Tamarisk Coalition

RESEARCH EXPERIENCE

Worked on Salt Cedar beetle introduction along the Rio Grande River from Candelaria to Lajitas (Fall 2006-present)

Worked on insect pollinators of the Chihuahuan desert, using hand capture, blacklight, and pan trapping at CDRI, Fort Davis, TX (Summer 2006-present)
Attended 2004 Medical and Veterinary Acarology Summer Workshop at OSU, Columbus, Ohio
Field and laboratory examination of small mammals for ectoparasitic organisms (Fall 1997-present).
Attended 2003 Introductory Acarology Summer Workshop at OSU, Columbus, Ohio
Laboratory examination of Ratites. Monitoring of asynchronous sleep behavior (Spring 2000-Spring 2001).
Fieldwork on bat reproductive assessment and roost studies. Projects included mistnetting, bat banding, radio telemetry, ectoparasitic sampling, harp trapping, vegetative sampling, vaginal washes, anesthesia, and insect population sampling. (Fall 1999-present)
Masters Thesis entitled "Ectoparasites and Other Arthropods Associated with Bats of the Trans-Pecos Region of Texas." (Fall 1997-Spring 1999)
Fieldwork on Ponderosa Pine Bark Beetle project. Project involved insect sampling and survey work (Spring 1998-Spring 1999)
Molecular techniques including primer development, PCR, and manual DNA sequencing of vespertilionid bats (Fall 1996-Fall 1997)
Senior Research Project on Bat Roosts (Spring 1996)

TECHNICAL EXPERIENCE

Certified in Texas Parks and Wildlife project WILD program
Designed and maintained webpages for my courses at Sul Ross State University, as well as developing Blackboard courses. This included making PowerPoint lectures and supplemental information available for the various courses
Designed and maintained webpages for Dr. John O. Whitaker. This included making PowerPoint lectures available for the various courses I have taught, those courses taught by Dr. Dale W. Sparks, and maintaining the electronic museum holdings.
Designed ectoparasite webpages for the All Taxa Biodiversity Inventory in the Great Smoky Mountains. This involved developing detailed accounts of host records for various ectoparasitic insects and mites located in the national park.

SERVICE POSITIONS

SRSU Advisory Council of Institutional Effectiveness (Summer 2011 – present)
SRSU Nonteaching Activities Policy Committee (Summer 2011 – present)
Kiwanis Board Member-at-Large (Fall 2010-present)
SRSU Special Committee for Faculty Evaluations (Fall 2010 – present)
Tamarisk Coalition Board of Directors (Summer 2010-present)
Kiwanis member (Spring 2010 – present)
SRSU Outstanding Teacher Award Committee (Spring 2009)
SRSU Teacher Education Council (Spring 2009-present)
SRSU JAMP Faculty Director (Fall 2008-present)
SRSU Special Committee for Faculty Evaluations (Fall 2009-Summer 2010)

SRSU Learning Communities Committee (Fall 2008-Sept 2010)
SRSU A&S Rio Grande Research Center Advisory Committee – Chair (Fall 2008- present)
TAS Academic Board of Directors (Academic Director; Mar 2008-Mar 2011: Local Host; Mar 2011-present)
SRSU Graduate Council (Fall 2007-Sept 2010; Sept 2011 to present) – Secretary (Fall 2009 –Sept 2010)
SRSU Information Technology Committee (Fall 2007-Sept 2010: Sept 2011 – present))
SRSU Web Advisory Committee - Chair (Spring 2007-Sept 2010)
TAS Chair of Terrestrial Ecology and Management Section (2007-2009)
SRSU QEP Committee (Fall 2006-Spring 2007)
TACCO Scientific Advisory Committee for La Junta Salt Cedar Control Project (Fall 2006- 2009)
SRSU University Task Force to evaluate academic programs (Fall 2006)
TAS Assistant Chair of Terrestrial Ecology and Management Section (2006-2007)
SRSU Core Curriculum Assessment Committee (Spring 2005)
SWAN Clark Hubbs Student Poster Award Committee (Spring 2005)
CDRI 6th Symposium Poster Coordinator (Fall 2004)
Biology Club President (Spring 1998 - Spring 1999)
Cottle Lecture Committee (Fall 1998-Spring 1999)
Biology Club Vice President (Spring 1997 - Summer 1997)