

## Graduate Student Presentations at Meetings

### Platform and Poster Presentations at Meetings

Names of graduate students are printed in **bold**.

#### 2016

**Beaton, K. R.**, J. Sharma, **C. M. Jones**, J. M. Miller, P. M. Stewart, S. C. Landers. 2016. Nematode assemblages in the Gulf of Mexico continental shelf collected during a two year survey. Presented at the 16th International Meiofauna Conference, Heraklion, Crete, July 3-8.

**Beaton, K. R.**, **C. M. Jones**, J. M. Miller, J. Sharma, P. M. Stewart, S. C. Landers, S.C. 2016. Marine Nematode assemblages in the Gulf of Mexico continental shelf. Presented at the 2016 Gulf of Mexico Oil Spill and Ecosystem Science Conference, Tampa, FL, Feb. 1-4.

**Bhattacharya, P.**, J. W. Park. 2016. Effects of COREXIT® 9500 on Benthic Bacterial Communities in the Gulf of Mexico, Dauphin Island, and Lake Pontchartrain, Troy University Student Research Conference, Apr 7-8, 2016, Troy, AL.

#### 2015

**Al Jawasim M.**, K. Yu, J. W. Park. 2015. Effects of Crude Oil and Dispersant on Bacterial Community in Louisiana Salt Marsh Sediments, 115<sup>th</sup> annual meeting of the American Society for Microbiology (ASM), May 30 – Jun 2, 2015, New Orleans, LA

**Al Jawasim M.**, Mai Hoang Tran, C. Stephen. Landers, J. W. Park. 2015. Geographical and Geological Distribution of Benthic Bacterial Communities in the Gulf of Mexico after 2010 Deepwater Horizon Oil Spill, The 2015 Gulf of Mexico Oil Spill and Ecosystem Science Conference, Feb 16 – 19, Houston, TX. [invited oral presentation]

**Duke, J., K. Ichikawa**, J. Pittman, M. W. Morris and S. Liu. 2015. Assessment of extracts prepared from native St. John's wort species (*Hypericum* spp.) on anxiety/depression-related behaviors and neural pathways in zebrafish (*Danio rerio*). *Southeastern Biology*, 62, 485.

**Martinec, C. C., K. R. Beaton**, J. M. Miller, J. Sharma, P. M. Stewart, S. C. Landers. 2015. Ecological relationships and patterns in biodiversity of benthic marine nematode assemblages in the Gulf of Mexico. Presented at the Aquatic Biodiversity and Ecosystems conference, Liverpool, England, Aug. 30<sup>th</sup>- Sept. 4<sup>th</sup>.

**Martinec, C.**, J. Sharma, J. M. Miller, P. M. Stewart, S. C. Landers. 2015. Nematode community structure in northern Gulf of Mexico continental in relation to environmental variables. Presented at the 2015 Gulf of Mexico Graduate Student Symposium, Mar 15-16th, Dauphin Island Sea Lab, Alabama.

**Martinec, C., J. Sharma, J. M. Miller, P. M. Stewart, S. C. Landers.** 2015. Nematode community structure in northern Gulf of Mexico continental shelf sediments following the Deepwater Horizon oil spill. Presented at the Gulf of Mexico Oil Spill and Ecosystem Science Conference, Houston, TX, Feb 16-19th.

**Martinec, C., J. Sharma, J. M. Miller, P. M. Stewart, S. C. Landers.** 2015. Multivariate analysis of Nematode Communities in northern Gulf of Mexico continental shelf sediments following the Deepwater Horizon oil spill. Presented at the 76th Association of Southeastern Biologists meeting, Chattanooga TN April 1-4, 2015. Conference abstract PDF page 69.

## 2014

**Dykes, B., A. R. Diamond and M. Woods.** 2014. The vascular flora of Bullock County, Alabama. *Southeastern Biology* 61(3): 379.

Pittman, J., **K. Ichikawa, K. Henry, C. Kelly, R. Hadi, J. Duke** and M.W. Morris. 2014. Mechanisms underlying changes in anxiety/depression-related behaviors and neural circuits in zebrafish (*Danio rerio*) following exposure to *Hypericum perforatum* extracts. *Journal of the Society of Biological Psychiatry*, 75, IS-401S.

**Martinec, C., J. M. Miller, N. Barron, S. C. Landers, K. Yu, P. M. Stewart, A. Nichols, D. A. Steffy.** 2014. Analysis of meiofauna and sediment from the Northern Gulf of Mexico continental shelf following the Deepwater Horizon oil spill. Presented at the Gulf of Mexico Oil Spill and Ecosystem Science Conference, Mobile AL. Jan 26-29.

## 2013

**Dykes, B., and A. Diamond.** 2013. A survey of the vascular flora of Bullock County, Alabama. *Alabama Academy of Science*.

**Dykes, B., D. Morrison, G. Newman, L. Ryan** and M.W. Morris. 2013. A floristic survey of communities in the Big Creek Watershed, Barbour County, Alabama. *Journal of Alabama Academy of Science*, 84, 74.

**Dykes, B., E. Minton, D. Morrison, G. Newman, L. Ryan, and M. W. Morris.** 2013. A floristic survey of communities in the Big Creek Watershed, Barbour County, Alabama, 90<sup>th</sup> Annual Meeting, Alabama Academy of Science, hosted by Samford University, Birmingham, AL, March 20-22.

Landers, S. C., A. Nichols, A., N. K. Barron, **C. A. Schimmer, M. D. Schneider, J. C. McDonald,** P. M. Stewart and S. Ramroop. 2013. Meiofauna and heavy metals from Gulf of Mexico sampling in 2012. *SE Biology* 60:181

Landers, S. C., F. A. Romano. III, **C. A. Schimmer,** A. Nichols, D. A. Steffy, P. M. Stewart, S. Ramroop. 2013. Analysis of continental shelf meiofauna in the Northern Gulf of Mexico

following the Deepwater Horizon oil spill. Presented at the Gulf of Mexico Oil Spill and Ecosystem Science Conference, New Orleans. Jan 21-23. Conference Abstracts PDF page 75.

Park, J. W., and **A. Gupta**. 2013. Detection of waterborne pathogenic bacteria in Lake Pontchartrain, 113<sup>th</sup> American Society for Microbiology International meeting, May 18-21, 2013, Denver, CO.

Park, J. W., and **A. Gupta**. 2013. Detection of waterborne pathogenic bacteria in Lake Pontchartrain, 99<sup>th</sup> Annual Meeting of the Southeastern Branch of the ASM, Nov 7-9, 2013, Auburn, AL.

## 2012

**Biebinger, B.**, and C. Magrath. 2012. The impacts of wastewater treatment and antimicrobial agents on *Saccharomyces cerevisiae*, a comparative analysis. Presented at the 73<sup>rd</sup> Annual Meeting of the Association of Southeastern Biologists, Athens, GA, April 4-7, 2012.

**Biebinger, B.**, and C. Magrath. 2012. The impacts of wastewater treatment and antimicrobial agents on *Saccharomyces cerevisiae*, a comparative analysis. *Southeastern Biology* 59: 374.

**Dey, I.**, and C. Magrath. 2012. Autonomous replicating sequences of *Saccharomyces cerevisiae*: methods to assess transcription termination activity. Presented at the 73<sup>rd</sup> Annual Meeting of the Association of Southeastern Biologists, Athens, GA, April 4-7, 2012.

**Dey, I.**, and C. Magrath. 2012. Autonomous replicating sequences of *Saccharomyces cerevisiae*: methods to assess transcription termination activity. *Southeastern Biology* 59: 297.

**Dey, I.**, **B. Biebinger**, and C. Magrath. 2012. Antibiotics and filamentous growth in environmentally-derived water samples. Presented at the 19<sup>th</sup> Annual Southeastern Regional Yeast Meeting, Atlanta, GA, February 24-26, 2012.

**Dykes, B.**, and A. Diamond. 2012. Rare vascular plants of Bullock County, Alabama. *Alabama Academy of Science* 82(2):73.

**Dykes, B.**, D. Morrison, L. Ryan, and M. W. Morris. 2012. Preliminary results of a floristic survey of communities in the Big Creek Watershed, Barbour County, Alabama, 89<sup>th</sup> Annual Meeting, Alabama Academy of Science, hosted by Tuskegee University, Tuskegee, AL, February 22-24.

**Dykes, B.**, D. Morrison, L. Ryan and M. W. Morris. 2012. Preliminary results of a floristic

survey of communities in the Big Creek Watershed, Barbour County, Alabama. *Journal of Alabama Academy of Science*, 83, 72-73.

Park, J. W., and **A. Gupta**. 2012. Changes in microbial populations affected by oil spill in Gulf of Mexico, 9<sup>th</sup> International Association for Ecology (INTECOL) International Wetlands Conference, Jun 3-8, 2012, Orlando, FL.

## 2011

**Abulfaraj, A. A.**, N. Billington, **S. Bethala**, and J. Gaston. 2011. Use of allozyme markers to detect genetic heterogeneity in sauger populations. *Southeastern Biology* 58: 271.

**Abulfaraj, A. A.**, **S. Bethala**, J. Gaston, and N. Billington. 2011. Use of allozyme markers to detect genetic variation in walleye populations. *Journal of the Alabama Academy of Science* 82: 78.

**Biebinger, B.**, and C. Magrath. 2011. Determining antibiotic resistance in wastewater exposed *Saccharomyces cerevisiae*. Presented at the 72<sup>nd</sup> Annual Meeting of the Association of Southeastern Biologists, Huntsville, AL, April 13-16, 2011.

**Biebinger, B.**, and C. Magrath. 2011. Determining antibiotic resistance in wastewater exposed *Saccharomyces cerevisiae*. *Sotheastern Biology* 58: 412.

**Browning, J. S.**, and S. C. Landers. 2011. Exuviotrophic apostome ciliates from freshwater decapods in southern Alabama. Presented at the 72<sup>nd</sup> Annual Meeting of the Association of Southeastern Biologists, Huntsville, AL, April 13-16, 2011.

**Browning, J. S.**, S. C. Landers. 2011. Exuviotrophic apostome ciliates from freshwater decapods in southern Alabama. *Southeastern Biology* 58:325

**Dey, I.**, and C. Magrath. 2011. Induction of filamentous growth in yeast deletion strains. Presented at the 72<sup>nd</sup> Annual Meeting of the Association of Southeastern Biologists, Hunsville, AL, April 13-16, 2011.

**Dey, I.**, and C. Magrath. 2011. Induction of filamentous growth in yeast deletion strains. *Southeastern Biology* 58: 280.

Garner, E., and **I. Dey**. Examining environmental stress response in filament formation mutant strains of *Saccharomyces cerevisiae*. Presented at the 72<sup>nd</sup> Annual Meeting of the Association of Southeastern Biologists, Huntsville, AL, April 13-16, 2011.

Garner, E., and **I. Dey**. 2011. Examining environmental stress response in filament formation mutant strains of *Saccharomyces cerevisiae*. *Southeastern Biology* 58: 432.

Garner, E., J. Barron, A. Shearing, **I. Dey**, T. Moore, and C. Magrath. 2011. *Saccharomyces cerevisiae* deletion strains identified as sensitive to wastewater effluent: genetics and

filamentation. Presented at the 18<sup>th</sup> Annual Southeastern Regional Yeast Meeting, Starksville, MS, March 11-13, 2011.

Landers, S. C., F. A. Romano III, and **C. A. Schimmer**. 2011. Analysis of the BP Deepwater Horizon oil spill impact using meiofauna. Presented at the 72<sup>nd</sup> Annual Meeting of the Association of Southeastern Biologists, Huntsville, AL, April 13-16, 2011.

Landers, S. C., F. A. Romano. III and **C. A. Schimmer**. 2011. Analysis of the BP Deepwater Horizon oil spill impact using meiofauna. *Southeastern Biology* 58:393-394.

**Reátegui Zirena, E. G.**, J. M. Miller, and P. M. Stewart. 2011. Dam effects on fish assemblages upstream of impoundment in small southeastern Alabama rivers. Presented at the 38<sup>th</sup> Annual Natural Areas Conference, Tallahassee, FL, November 1-4, 2011.

Stewart, P. M., and **E. G. Reátegui Zirena**. 2011. Seminar – Conservation Biology: From the Species to the Landscape. Presented at Universidad de la Ciencias, Iquitos, Peru, June 28, 2011.

Stewart, P. M., and **E. G. Reátegui Zirena**. 2011. Effects of contaminants on organisms and aquatic toxicity testing. Presented at the Conferencia Magistral “Ecotoxicologica Aquatica”, DIREPRO, Direccion Regional de la Produccion – Loreto, Iquitos, Peru, June 16, 2011.

## 2010

**Bethala, S.**, J. McDaniel, **J. Zhu, M. H. Alami**, J. Gaston, and N. Billington. 2010. Population genetic variation in sauger and walleye. Presented at 71<sup>st</sup> Annual Meeting of the Association of Southeastern Biologists, Asheville, NC, April 7-10<sup>th</sup>, 2010.

**Bethala, S.**, J. McDaniel, **J. Zhu, M. H. Alami**, J. Gaston, and N. Billington. 2010. Population genetic variation in sauger and walleye. *Southeastern Biology* 57: 297-298.

**Chitrakar, S.**, N. Billington, P. M. Stewart, C. K. Metcalf. 2010. Use of a sedimentation risk index to assess unpaved road-stream crossings in the upper Pea River watershed, Alabama. *Journal of the Alabama Academy of Science* 81: 76.

**Dey, I.**, and C. Magrath. 2010. Filamentous growth in yeast deletion strains exposed to wastewater treatment effluent. Presented at 17<sup>th</sup> Annual Southeastern Regional Yeast Meeting, Little Rock, AR, March 12-14<sup>th</sup>, 2010

**Dey, I.**, **P. Nahar**, T. Slaney, and C. Magrath. 2010. Transcription termination activity of ARS elements in *Saccharomyces cerevisiae*. Presented at 71<sup>st</sup> Annual Meeting of the Association of Southeastern Biologists, Asheville, NC, April 7-10<sup>th</sup>, 2010.

**Dey, I.**, **P. Nahar**, T. Slaney, and C. Magrath. 2010. Transcription termination activity of ARS elements in *Saccharomyces cerevisiae*. *Southeastern Biology* 57: 265-266.

- Shrestha, P.,** Z. Heath, M. W. Morris, and N. Billington. 2010. Population genetics of bald cypress in southeastern Alabama. *Journal of the Alabama Academy of Science* 81: 70-71.
- Shrestha, P.,** N. Billington, and M. W. Morris. 2010. Genetic variation in bald cypress and pond cypress populations from southeastern Alabama. Presented at 71<sup>st</sup> Annual Meeting of the Association of Southeastern Biologists, Asheville, NC, April 7-10<sup>th</sup>, 2010.
- Shrestha, P.,** N. Billington, and M. W. Morris. 2010. Genetic variation in bald cypress and pond cypress populations from southeastern Alabama. *Southeastern Biology* 57: 314-315.
- Zhu, J.,** N. Billington, J. McDaniel, **S. Bethala,** J. Gaston, **M. H. Alami,** and **H. El Brak.** 2010. Population genetic variation in Mid-western and Great Plains walleye and sauger. *Journal of the Alabama Academy of Science* 81: 70.

## 2009

- Alami, M. H.,** N. Billington, S. Lyle, J. Gaston, and **J. Zhu.** 2009. Genetic variation in Great Plains and Mid-Western walleye populations. *Journal of the Alabama Academy of Science* 80: 107.
- Cho, I. Ki., and** A. Whatley. 2009. Mutagenicity of Walnut Creek and Troy (Alabama) wastewater treatment plant influent and effluent. Presented at 70<sup>th</sup> Annual meeting of the Association of Southeastern Biologists, Birmingham, AL, April 1-4<sup>th</sup>, 2009.
- Cho, I. K.,** and A. Whatley. 2009. Mutagenicity of Walnut Creek and Troy (Alabama) wastewater treatment plant influent and effluent. *Southeastern Biology* 56: 277.
- Cho, I. K.,** C. Magrath, R. Li, and A. Whatley. 2009. Induction of the cytochrome P450 enzyme in channel catfish (*Ictalurus punctatus*) following exposure to wastewater treatment plant effluent. Presented at 70<sup>th</sup> Annual meeting of the Association of Southeastern Biologists, Birmingham, AL, April 1-4<sup>th</sup>, 2009.
- Cho, I. K.,** C. Magrath, R. Li, and A. Whatley. 2009. Induction of the cytochrome P450 enzyme in channel catfish (*Ictalurus punctatus*) following exposure to wastewater treatment plant effluent. *Southeastern Biology* 56: 248.
- Chitrakar, S.,** N. Billington, P. M. Stewart, P. L. Witmer, and C. K. Metcalf. 2009. Use of a sedimentation risk index (SRI) to assess unpaved road-stream crossings in the upper Choctawhatchee River watershed. Presented at 70<sup>th</sup> Annual meeting of the Association of Southeastern Biologists, Birmingham, AL, April 1-4<sup>th</sup>, 2009.
- Chitrakar, S.,** N. Billington, P. M. Stewart, P. L. Witmer, and C. K. Metcalf. 2009. Use of a sedimentation risk index (SRI) to assess unpaved road-stream crossings in the upper Choctawhatchee River watershed. *Southeastern Biology* 56: 245-246.

- Chitrakar, S.,** N. Billington, and P. M. Stewart. 2009. Unpaved road-stream crossings in Pike County, AL, assessed by used of a sedimentation risk index (SRI). *Journal of the Alabama Academy of Science* 80: 115.
- Dey, I.,** and C. Rasuck. 2009. Assessing Transcription Termination Capacity of Autonomous Replication Sequences From Chromosome III in *S. cerevisiae*. *Association of Southeastern Biologists* 56(3): 385.
- Hinkle, B. T.** 2009. The effect of HSP90 and ubiquitin-proteasome degradation on the androgen receptor. *Southeastern Biology* 56: 318.
- Hinkle, B. T.,** C. Magrath, and P. Reynolds. 2009. The effect of HSP90 and ubiquitinproteasome degradation on the androgen receptor. Presented at 70<sup>th</sup> Annual meeting of the Association of Southeastern Biologists, Birmingham, AL, April 1-4<sup>th</sup> , 2009.
- Lyle, S. D., **M. H. Alami,** J. Gaston, R. N. Koigi, A. M. Wotawa, and N. Billington. 2009. Management implications of genetic variation in walleye populations. Presented at 70<sup>th</sup> Annual meeting of the Association of Southeastern Biologists, Birmingham, AL, April 1-4<sup>th</sup> , 2009.
- Miller, J. M.,** and P. W. Stewart. 2009. Water quality, fish, crayfish, and mussels of the Little Choctawhatchee River: A pre-dam assessment. Presented at the Annual Meeting of the Alabama Water Resource Conference, Sept. 9-11. Perdido Beach, AL.
- Shrestha, P.,** M. W. Morris, and N. Billington. 2009. Genetic variation in southeast AL, bald cypress populations, 70<sup>th</sup> Annual Meeting, Association of Southeastern Biologists, hosted by the University of Alabama at Birmingham and Jacksonville State University, Birmingham, AL, April 1-4.
- Shrestha, P.,** M. W. Morris, and N. Billington. 2009. Genetic variation in bald cypress populations from southeastern Alabama. *Southeastern Biology* 56:244-245.
- Shrestha, P.,** N. Billington, and M. W. Morris. 2009. Genetic variation in Pike County, AL, bald cypress populations, 86<sup>th</sup> Annual Meeting, Alabama Academy of Science, hosted by the University of West Alabama, Livingston, AL, March 25-27.
- Shrestha, P.,** N. Billington, and M. W. Morris. 2009. Genetic variation in Pike County, Alabama, bald cypress populations. *The Journal of the Alabama Academy of Science* 80: 107-108.

## 2008

- Catrett, J.,** and P. Reynolds. 2008. Computational and Biological Screening Assays for Endocrine Disruptors. *The Journal of the Alabama Academy of Science*, in-press.

- Chitrakar, S.,** N. Billington, and P. M. Stewart. 2008. Determination of sediment loading at unpaved road crossings in southeastern Alabama. *The Journal of the Alabama Academy of Science*, 79: 75-76.
- Cummings, R.,** P. M. Stewart, and **A. F. McCall.** 2008. Comparison of the structure and function of stream fish assemblages in beaver ponds vs. free-flowing southeastern Alabama streams. 2008 Annual Meeting of the Alabama Fisheries Society, Orange Beach, AL.
- Daniel, N.,** M. Parker, J. Gaston. 2008. The interactive technology of classroom communication systems as an approach to actively engage science students and assess learning in the science classroom. 85<sup>th</sup> Annual Meeting of the Alabama Academy of Sciences, Samford University, Birmingham, AL. *The Journal of the Alabama Academy of Science*, 79.
- McKenzie, A. D.,** and P. M. Stewart. 2008. Impacts of unpaved road stream crossings on fish assemblages in the Choctawhatchee-Pea watershed. 2008 Annual Meeting of the Alabama Fisheries Society, Orange Beach, AL.
- Miller, J. M.,** and P. M. Stewart. 2008. The Little Choctawhatchee River: A pre-dam assessment progress report on water quality, mussel, fish, and crayfish assemblages. Presented at the First Annual Mattie Kelly Environmental Symposium on Choctawhatchee Bay, June 2. Miramar Beach, FL.
- Miller, J. M.,** and P. M. Stewart. 2008. Water quality, fish, crayfish, and mussel assemblages of the Little Choctawhatchee River: a pre-dam assessment progress report. 2008 Annual Meeting of the Alabama Fisheries Society, Orange Beach, AL.
- Miller, J. M.,** D. N. Shelton, and P. M. Stewart. 2008. Mussel survey of candidate species in the Yellow, Conecuh/Escambia, and Choctawhatchee Rivers in southern Alabama and northern Florida. 2008 Annual Meeting of the Alabama Fisheries Society, Orange Beach, AL.
- Miller, J. M.,** D. N. Shelton and P. M. Stewart. 2008. Mussel survey of candidate species in the Yellow, Conecuh/Escambia, and Choctawhatchee Rivers in southern Alabama and northwest Florida. Presented at the Annual Meeting of the Alabama Fisheries Association, Feb. 18-20.
- Morris, M. W., **J. Williams, M. Pschandl, and R. Van Cleave.** 2008. A floristic study of Burks Mountain ultramafic woodland, Columbia County, Georgia. *Southeastern Biology*, 55, 352-353.
- Morris, M. W., **R. N. Koigi** and C. Magrath. 2008. Integrated learning: First-Year Reading Initiative and Principles of Biology. *Journal of Alabama Academy of Science*, 79, 147.



**Turner, J., P. M. Stewart, J. M. Miller, A. D. McKenzie, and R. Cummings.** 2008. The effects of sediment risk index ranked stream crossings on small streams in southeastern Alabama. 2008 Annual Meeting of the Alabama Fisheries Society, Orange Beach, AL.

Turner, J. W., P. M. Stewart, **J. M. Miller**, A. D. McKenzie and R. Cummings. 2008. The effects of sediment risk index ranked unpaved road stream crossings on small streams in southeastern Alabama. Presented at the Annual Meeting of the Alabama Fisheries Association, Feb. 18-20.

## 2007

Barr, A. M., **R. N. Koigi**, J. Gaston, R. E. Creech, and N. Billington. 2007. Hybridization between walleye and sauger determined by protein electrophoresis. *Southeastern Biologist* 54: 232.

Billington, N., **R. N. Koigi**, R. P. Franckowiak, B. L. Sloss, J. Xiong, and W. Gardner. 2007. Population genetic structure of sauger in the upper Missouri River system. *Southeastern Biologist* 54: 110.

**Catrett, J., and P. Reynolds.** 2007. Endocrine disruptor screening using docking software. Southeast Regional Collegiate Environmental Science and Health Symposium. November 14, 2007. Tom Harkin Global Communications Center, Center for Disease Control, Atlanta, GA.

**Chakravarty, T. A., M. W. Mullen, and P. M. Stewart.** 2007. Analysis of phosphorus concentrations and sources in the Choctawhatchee River basin. 2007 Alabama Water Resources Conference, September 5-7, Orange Beach, AL.

**Chakravarty, T. A., M. W. Mullen, and P. M. Stewart.** 2007. Assessment of loading, enrichment, and sources of phosphorus in the Choctawhatchee River Basin. 84<sup>th</sup> Annual Meeting of the Alabama Academy of Science. February 28 to March 2, 2007. Tuskegee University, Tuskegee, Alabama.

**Chakravarty, T. A., M. W. Mullen, and P. M. Stewart.** 2007. Phosphorus concentrations and sources in the Choctawhatchee River, S.E. Alabama. 84<sup>th</sup> Annual Meeting of the Alabama Academy of Sciences, Tuskegee University, Tuskegee, AL. *The Journal of the Alabama Academy of Science* 78:XX.

**Chakravarty, T. A., M. W. Mullen, and P. M. Stewart.** 2007. Trophic state and water quality of the Choctawhatchee watershed (southeastern Alabama in relation to the ecoregional nutrient criteria: improving or worsening? Southeast Regional Collegiate Environmental Science and Health Symposium. November 14, 2007. Tom Harkin Global Communications Center, Center for Disease Control, Atlanta, GA.

**Cummings, R., P. M. Stewart, and A. F. McCall.** 2007. Comparison of the structure and function of stream fish assemblages in beaver ponds vs. free-flowing southeastern

Alabama streams. Southeast Regional Collegiate Environmental Science and Health Symposium. November 14, 2007. Tom Harkin Global Communications Center, Center for Disease Control, Atlanta, GA.

**Ezell, P. T.,** and N. Billington. 2007. Limnology of southeastern Alabama water bodies. 84<sup>th</sup> Annual Meeting of the Alabama Academy of Science. February 28 to March 2, 2007. Tuskegee University, Tuskegee, Alabama.

**Ezell, P. T.,** and N. Billington. 2007. Limnology of southeastern Alabama water bodies. The Journal of the Alabama Academy of Science 78: 105-106.

**Farr, J., and** A. R. Diamond. 2007. Species richness and diversity of treefrogs in Lillian Swamp, Baldwin country, Alabama. 84<sup>th</sup> Annual Meeting of the Alabama Academy of Science. February 28 to March 2, 2007. Tuskegee University, Tuskegee, Alabama.

**Farr, J., and** A. R. Diamond. 2007. Species richness and diversity of treefrogs in Lillian Swamp, Baldwin County, Alabama. Southeastern Biology 54(3): 240.

**Hodges, K., J. Stewart, A. McKenzie, P. Witmer,** and P. M. Stewart. 2007. Assessment of fish assemblages upstream and downstream of unpaved road stream crossing in two Choctawhatchee River sub-watersheds. 84<sup>th</sup> Annual Meeting of the Alabama Academy of Science. February 28 to March 2, 2007. Tuskegee University, Tuskegee, Alabama.

**McCall, A. D.,** P. M. Stewart, and T. Simon. 2007. Agonistic behavior of male crayfish *Procambarus suttkusi*. 84<sup>th</sup> Annual Meeting of the Alabama Academy of Science. February 28 to March 2, 2007. Tuskegee University, Tuskegee, Alabama.

**McCall, A. F.,** P. M. Stewart, and T. P. Simon. 2007. Agonistic behavior of male *Procambarus suttkusi*. 84<sup>th</sup> Annual Meeting of the Alabama Academy of Sciences, Tuskegee University, Tuskegee, AL. The Journal of the Alabama Academy of Science 78:XX.

**McCall, A. F.,** P. M. Stewart, and T. P. Simon. 2007. Aggressive interactions among Form I and Form II males of the crayfish, *Procambarus suttkusi*. 68<sup>th</sup> Annual Meeting of the Association of Southeastern Biologists, Columbia, S.C., Southeastern Biology 54(3): 248.

**McCall, A. F.,** P. M. Stewart, and T. P. Simon. 2007. Life history of the crayfish, *Procambarus suttkusi*. 68<sup>th</sup> Annual Meeting of the Association of Southeastern Biologists, Columbia, S.C., Southeastern Biology 54(3): 247-248.

**McKenzie, A. D., and** P. M. Stewart. 2007. Effects of unpaved road stream crossings on fish assemblages in SE coastal plain watershed. 2007 Alabama Water Resources Conference, September 5-7, Orange Beach, AL.

**McKenzie, A. D., and** P. M. Stewart. 2007. Impacts of unpaved road stream crossings on fish assemblages in the Choctawhatchee-Pea watershed. Southeast Regional Collegiate

Environmental Science and Health Symposium. November 14, 2007. Tom Harkin Global Communications Center, Center for Disease Control, Atlanta, GA.

**Miller, J. M.,** D. N. Shelton, and P. M. Stewart. 2007. Candidate mussel surveys in the Escambia, Yellow, and Choctawhatchee rivers in southern Alabama and northwest Florida. 2007 Alabama Water Resources Conference, September 5-7, Orange Beach, AL.

**Miller, J. M.,** D. N. Shelton, and P. M. Stewart. 2007. Mussel survey of candidate species in the Yellow, Conecuh/Escambia, and Choctawhatchee Rivers in southeastern Alabama and northern Florida. Southeast Regional Collegiate Environmental Science and Health Symposium. November 14, 2007. Tom Harkin Global Communications Center, Center for Disease Control, Atlanta, GA.

**Miller, J. M.,** and P. M. Stewart. 2007. Water quality, fish, crayfish, and mussel assemblages of the Little Choctawhatchee River: a pre-dam assessment progress report. Southeast Regional Collegiate Environmental Science and Health Symposium. November 14, 2007. Tom Harkin Global Communications Center, Center for Disease Control, Atlanta, GA.

**Miller, J. M.,** P. M. Stewart, **J. W. Turner, A. D. McKenzie,** and H. E. Miller. 2007. Water quality, mussel, fish, and crayfish assemblages of the Little Choctawhatchee River: a pre-dam assessment. 2007 Alabama Water Resources Conference, September 5-7, Orange Beach, AL.

Stewart, J. L., **P. L. Witmer, A. McKenzie, K. Hodges,** and P. M. Stewart. 2007. Assessment of fish assemblages upstream and downstream of unpaved road stream crossings in two Choctawhatchee River subwatersheds. *Journal of Alabama Academy of Science* 78: 99.

**Turner, J.,** P. M. Stewart, **J. M. Miller, A. D. McKenzie,** and **R. Cummings.** 2007. Effects of unpaved road stream crossing on fish assemblages in the SE coastal plain watershed. 2007 Alabama Water Resources Conference, September 5-7, Orange Beach, AL.

**Turner, J.,** P. M. Stewart, **J. M. Miller, A. D. McKenzie,** and **R. Cummings.** 2007. The effects of sediment risk index ranked stream crossings on small streams in southeastern Alabama. Southeast Regional Collegiate Environmental Science and Health Symposium. November 14, 2007. Tom Harkin Global Communications Center, Center for Disease Control, Atlanta, GA.

**Witmer, P. L.,** C. K. Metcalf, and P. M. Stewart. 2007. Indexing unpaved road stream crossing conditions in the Choctawhatchee watershed: pre-implementation risk rankings. 68th Annual Meeting of the Association of Southeastern Biologists, Columbia, S.C., *Southeastern Biology* 54(3): 251.

## 2006

**Barron, J., A. Briant, B. D. Cantrell, G. Childers, M. Clifton, S. Gowder, R. Van Cleave** and M.W. Morris. 2006. A floristic study of Ramblewood, Lumpkin County, Georgia.

*Southeastern Biology*, 53, 184.

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