

List of Research Presentations (alphabetical by year)

2016

Bradke, D. 2016. 76th Midwest Fish and Wildlife Conference, Grand Rapids, MI.

Lambert, W., D. Lozon, R. Keys. 2016. The influence of habitat and landscape associations on breeding birds in managed grasslands of Southwest Michigan. 76th Midwest Fish and Wildlife Conference, Grand Rapids, MI.

2015

Bartman, J., N. Kudla, and J.A. Moore. 2015. Mark-recapture of eastern massasauga rattlesnakes: Effects of prey abundance on habitat use. Michigan Partners in Amphibian and Reptile Conservation (MI PARC), Lansing, Michigan. (Poster)

Bradke, D.R., J. Bartman, N. Kudla, Y. Lee, and J.A. Moore. 2015. Effective population size and demography of Eastern Massasauga rattlesnakes in Barry County, Michigan. The Wildlife Society Conference, Winnipeg, Manitoba. Poster.

Bradke, D. , J. Bartman, N. Kudla, Y. M. Lee, and J.A. Moore. Effective Population Size and Demography of Eastern Massasauga Rattlesnakes in Barry County, Michigan. The Wildlife Society 22nd Annual Conference, The Wildlife Society, Winnipeg, Manitoba, Canada. (Poster)

Dornbos, D.L., K. Smit, and P. Tubergen. 2015. Impact of the Invasive Shrub Autumn Olive on Soil Nitrogen and Cohabiting Plant Growth. American Society of Agronomy, Minneapolis, MN.

Lambert, W., D. Lozon, R. Keys. 2015. The influence of habitat and landscape associations on breeding birds in managed grasslands of Southwest Michigan. West Michigan Regional Undergraduate Science Research Conference. VanAndel Institute, Grand Rapids, MI.

Moore, J.A. 2015. Understanding population demography and snake fungal disease in eastern massasauga rattlesnakes. Biology Department Seminar Series, Eastern Michigan University, Ypsilanti, MI. (Invited)

Moore, J. A. 2015. Eastern massasauga population demography and snake fungal disease. U.S. Fish and Wildlife Service, East Lansing, MI. (Invited) Moore, J. A. 2015. Conservation Research on Michigan's Threatened Eastern Massasauga Rattlesnakes. John Ball Zoo, Grand Rapids, MI. (Invited)

Moore, J.A., M. Allender, E. Hileman, S. Tetzlaff. 2015. Occurrence of snake fungal disease in Michigan's eastern massasauga rattlesnakes. The Wildlife Society 22nd annual meeting,

Winnipeg, Canada. Proppe, D. 2015. The sound of conservation. Calvin College Biology Seminar Series, September 2015.

Proppe, D. 2015. The effects of short-term anthropogenic noise on acoustic production and perception in songbirds. Ecological Society of America, August 2015.

Proppe, D. 2015. Songbird Perception and Production in Anthropogenic Noise. International Urban Wildlife Conference, May 2015.

Stoller, P. 2015. Blow fly Oviposition and The Presence of Predators. Valparaiso University Department of Biology Fall 2015 Colloquium Series. December 4, 2015

Taylor, H., S. Bennett, A. Locher, and T. Aschenbach. January 2015. Modeling the Presence of Exotic Invasive Shrubs in West Michigan Forests Based on Habitat Characteristics. The Stewardship Network Conference, East Lansing, MI (poster presentation).

Tubergen, P., K. Smit, and D. Dornbos. 2015. Influence of Autumn Olive on Plant Community and Soil Composition. West Michigan Regional Undergraduate Science Research Conference. VanAndel Institute, Grand Rapids, MI.

2014

Cushman, D., T. Johnson, and R. Keys. 2014. Using electronic field recordings to increase the detectability of bird species at point count sites. 8th Annual Michigan Bird Conservation Initiative Conference, Tustin, MI.

Keys, R., A. Vander Geld, and J. Oosterhouse. 2014. An analysis of vegetative structure in the choice of nesting habitat by Midwestern songbirds. 8th Annual Michigan Bird Conservation Initiative Conference, Tustin, MI.

Harris, D., K. Geleyense, and D.L. Dornbos Jr. 2014. Gross Primary Productivity of Terrestrial Plant Communities and the Potential to Store Carbon in Soils. MASAL, Oakland, MI.

Jensen, J., and P. Laureto. 2014. Ordination and Classification of Mesic Hardwood Forests at Pierce Cedar Creek Institute, Barry County, Michigan. West Michigan Regional Undergraduate Science Research Conference. VanAndel Institute, Grand Rapids, MI.

Overweg, M.L., E.B. Snyder, and K.R. Phillips. 2014. Functional role of fringing floodplain wetlands on streams in south-central Michigan. (poster) Joint Aquatic Sciences Meeting, Portland, OR.

Phillips, K.R., E.B. Snyder, and M.L. Overweg. 2014. Unionids: Their current status, association with macroinvertebrates, and population dynamics in a 2nd order stream. (poster) Joint Aquatic Sciences Meeting, Portland, OR.

Proppe, D. 2014. The effect of anthropogenic noise on perception and production of acoustic signals in songbirds. Michigan Bird Conservation Initiative, March 2014.

Taylor, H., S. Bennett, A. Locher, and T. Aschenbach. November 2014. Modeling the Presence of Invasive Shrub Species Found in West Michigan. West Michigan Regional Undergraduate Science Research Conference, Grand Rapids, MI (poster presentation).

2013

Betts, J., and D.L.. Dornbos, Jr. 2013. Productivity of Gramineae Species from Nitrogen Produced by Autumn Olive and Cowpea Grown in Soils of Different Quality. American Society of Agronomy, Tampa, FL.

Betts, J., and D.L.. Dornbos, Jr. 2013. Productivity of Gramineae Species Growing with Autumn Olive and Cowpea in a Common Garden, MASAL, Holland, MI.

Betts, J., and D.L.. Dornbos, Jr. 2013. Productivity of Gramineae species from nitrogen produced by autumn olive and cowpea grown in soils of differing quality. ASA, CSSA, and SSSA International Annual Meetings, Tampa Bay, FL.

Cushman, D., T. Johnson, and R. Keys. 2013. Using electronic field recordings to increase the detectability of bird species at point count sites. West Michigan Undergraduate Science Research Conference, Grand Rapids, MI.

DeVries, C., and P. Laureto. 2013. A Study of Invasive Spotted Knapweed (*Centaurea stoebe* Asteraceae) in the Restored Prairies at Pierce Cedar Creek Institute. Presentation at GRCC.

Geleynse, K., D. Harris, and D.L. Dornbos Jr. 2013. Gross Primary Productivity of Terrestrial Plant Communities and the Potential to Store Carbon in Soils. American Society of Agronomy, Tampa, FL.

Leonard, S., J. Meppelink, P. Keenlance, and J. Jacquot. 2013. Got Worms? Distribution and prevalence of *Baylisascaris procyonis* in raccoon populations throughout Allegan and Barry Counties in Michigan. West Michigan Undergraduate Science Research Conference, Grand Rapids, MI.

Olson, T., and E.B. Snyder. 2013. A longitudinal stream health study for Pine Creek in Western Ottawa County, MI. (poster) West Michigan Undergraduate Research Conference, Grand Rapids, MI.

Phillips (previously Moore), K., and E.B. Snyder. 2013. Unionids: Their current status in Cedar Creek and their association with macroinvertebrates. (poster) West Michigan Undergraduate Research Conference, Grand Rapids, MI.

2012

Armagost, J., L. Rowe, and S. Malcolm. 2012. Origin and timing of monarch butterfly voltinism and disease incidence in southwest Michigan. Michigan Academy of Science Arts and Letters, Alma, MI.

Auer, D. 2012. International Association for Great Lakes Research. Cornwall Ontario. Faydenko, J. 2012. British Ecological Society Annual Meeting. Birmingham England.

Herakovich, H., and L. Eberhardt. 2012. Does branch structure of an invasive shrub (*Elaeagnus umbellata*) alter bird perching behavior? Midwest Ecology and Evolution Conference, Cincinnati, OH.

Johnson, A., and S. Malcolm. 2012. Origin and timing of monarch butterfly voltinism and disease incidence in southwest Michigan. Michigan Academy of Science Arts and Letters, Alma, MI.

Oosterhouse, J., A. Vander Geld, and R. Keys. 2012. An analysis of vegetative structure in the choice of nesting habitat by Midwestern songbirds. 73rd Midwest Fish and Wildlife Conference. Wichita, KS.

Stephens, J., and S. Malcolm. 2012. A Summer Ecological Study of the Monarch Butterfly in Southwest Michigan. Michigan Academy of Science Arts and Letters, Alma, MI.

VanDongen, J., K. Poczekaj, N. Jansen-Yee, and E.B. Snyder. 2012. Understanding nutrient pathways and reciprocal subsidies between stream and riparian zones using stable isotope analysis. (poster) Society for Freshwater Science (formerly NABS) annual meeting, Louisville, KY.

Villalobos, L.M., A.M. Gibson, C. Caldwell, Snyder, E.B., J. Barnard, and S. Hanshue. 2012. A case study of successful dam removal in west Michigan. (invited (oral) special session on river fragmentation) Society for Freshwater Science (formerly NABS) annual meeting, Louisville, KY.

2011

Armagost, J., A. Johnson, L. Rowe, J. Stevens, and S. Malcolm. 2011. Origin and timing of monarch butterfly voltinism and disease incidence in southwest Michigan. Poster at the Michigan Academy meeting at Alma College.

Bouma, C., S. Rentschler, and D.L. Dornbos, Jr. 2011. Nitrogen Fixation In Autumn Olive As a Function of Root Nodule Content and Age. MASAL, Saginaw Valley University, Saginaw, MI.

Cannan, M., and J. Jacquot. 2011. Southern flying squirrel den site selection and genetic relatedness of summer nesting groups in south-central Michigan. Midwest Fish and Wildlife Conference, Des Moines, Iowa.

Cannan, M., T. Hillman, P. Keenlance, J. Jacquot, and M. Henshaw. 2011. Southern flying squirrel den site selection and genetic relatedness of summer nesting groups. Midwest Fish and Wildlife Conference, Des Moines, IA.

Gibson, A.M., L.M. Villalobos, C. Caldwell, E.B. Snyder. 2011. Low-Head Dam Removal Causes Immediate Physical Habitat and Water Chemistry Degradation. (oral) National Conferences on Undergraduate Research, Ithaca, NY.

Jansen-Yee, N., and E.B. Snyder. 2011. Food webs and rivers: Importance of contiguous habitat interactions. (oral) GVSU Student Summer Scholars Program final symposium.

MacLeod, A., R. Sibert, C. Snyder, and C.M. Koretsky. 2011. Eutrophication and salinization of urban and rural kettle lakes in Kalamazoo and Barry Counties, Michigan, USA. 9th Symposium on the Geochemistry of the Earth's Surface, Boulder, CO.

Oldenkamp, R., and M. Douglas. 2011. Opportunistic defense of bracken fern by patrolling ants. Presentation at Northern Michigan University.

Oosterhouse, J., A. Vander Geld, and R. Keys. 2011. The effects of trophic cascading by white-tailed deer (*Odocoileus virginianus*) on breeding songbird populations. 72nd Midwest Fish and Wildlife Conference. Des Moines, IA.

Rentschler, S., C. Bouma, and D.L. Dornbos, Jr. 2011. Alterations in Soil Fertility by Autumn Olive May Temporarily Affect Native Shrubs. MASAL, Saginaw Valley University, Saginaw, MI.

Snyder, E.B., A.M. Gibson, L.M. Villalobos, C. Caldwell, J. Barnard, and S. Hanshue. 2011. Management implications and functional responses to mill dam removal: A case study on the Thornapple River, MI. (poster) North American Benthological Society, Providence, RI.

Vander Geld, A., J. Oosterhouse, and R. Keys. 2011. The effects of trophic cascading by white-tailed deer (*Odocoileus virginianus*) on breeding songbird populations. West Michigan Undergraduate Research Symposium, Van Andel Institute, Grand Rapids, MI.

Villalobos, L.M., A.M. Gibson, C. Caldwell, and E.B. Snyder. 2011. Ecosystem responses to low-head dam removal: assessment of physical habitat, water chemistry, and macroinvertebrates. (poster) North American Benthological Society, Providence, RI.

Woolnough, D.A., D. Kuipers, D. Auer, and D.T. Zanatta. 2011. Entire Molluscan Communities (Even the Limpets!): Variation in Lentic and Lotic Environments. 5th biennial symposium of the Freshwater Mollusk Conservation Society. Louisville, KY.

2010

Bailey, R., and H. Campa, III. 2010. Modeling habitat suitability and population demographics of the eastern massasauga rattlesnake in managed lands in southwestern Michigan. USFWS Seminar Series, East Lansing, Michigan.

Bailey, R., H. Campa III, T.M. Harrison, and K. Bissell. 2010. Population viability analysis of the eastern massasauga rattlesnake in Michigan. Invited Speakers 17th Annual Wildlife Society Conference, Snowbird, Utah.

Boersma, S., A. T. Wiersma, and D.L. Dornbos, Jr. 2010 . Land Management Implications of Carbon Assimilation Rate Differences among Plant Communities (I). MASAL, Calvin College.

Gibson, A.M., L.M. Villalobos, C. Caldwell, and E.B. Snyder. 2010. Low-head dam removal causes immediate physical habitat and water chemistry degradation. (poster) West Michigan Undergraduate Research Conference, Grand Rapids, MI.

MacLeod A., C.M. Koretsky, R. Sibert, and C. Snyder. 2010. Comparison of salinity in rural and suburban lakes of southwest Michigan, USA. Geological Society of America, Denver, CO.

Powell, C., and B. Swanson. 2010. 90th Annual Meeting of the American Society of Mammalogists.

Snyder, C., C.M. Koretsky, A. MacLeod, and R. Sibert. 2010. Redox stratification in the water column of eutrophic rural and urban lakes in southwest Michigan, USA. Geological Society of America, Denver, CO.

Snyder, E.B., and C. Caldwell. 2010. Functional and structural responses to reservoir draw-down and dam removal, Thornapple River, MI. (oral) North American Benthological Society, Santa Fe, NM.

Villalobos, L.M., A.M. Gibson, C. Caldwell, and E.B. Snyder. 2010. Low-head dam removal positively affects macroinvertebrate community structure. (poster) West Michigan Undergraduate Research Conference, Grand Rapids, MI.

Wiersma, A., and D. Dornbos. 2010. Comparison of Carbon Assimilation Capacity by Restored Prairie with Natural Plant Communities. ASA, CSSA, and SSSA 2010 International Annual Meetings, Long Beach, CA.

Wiersma, A.T., S. Boersma, and D.L. Dornbos, Jr. 2010. Land Management Implications of Carbon Assimilation Rate Differences among Plant Communities (II). MASAL, Calvin College.

Woolnough, D.A., D. Kuipers, D. Auer, and D.T. Zanatta. 2010. Pelecypod and Gastropod Communities at Pierce Cedar Creek Institute: Variation in Understudied Organisms. Ohio Valley United Malacologists, Columbus, OH.

2009

Arnosky, S.E.* and A.M. Fraser. 2009. Native bee diversity of Pierce Cedar Creek Institute in southwest Michigan. Annual Meeting of the Entomological Society of America, Indianapolis, IN, Dec. 13-16, 2009.

Bailey, R., H. Campa, III, K. M. Bissell, and T. Harrison. 2009. Resource selection and survival of eastern massasauga rattlesnakes in southwestern Michigan. 16th Annual Wildlife Society Conference, Monterey, California.

Boersma, S., and D.L. Dornbos, Jr. 2009. Land Management Implications of Carbon Assimilation Rate Differences Among Plant Communities (I). West Michigan Regional Undergraduate Science Research Conference, VAI.

Caldwell, C., and E.B. Snyder. 2009. Response of chemico-physical variables and macroinvertebrate communities to the presence and drawdown of a low-head dam. (oral) West Michigan Undergraduate Research Conference, Grand Rapids, MI.

Eberhardt, L., C. Soley, and D. Houghton. 2009. The impacts of an invasive shrub, autumn olive (*Elaeagnus umbellata*), on behavior and nesting success of American Robins (*Turdus migratorius*) and Northern Cardinals (*Cardinalis cardinalis*). Oral presentation and published abstract at the 2009 Indiana Academy of Science Annual meeting.

Hesselink, R., and D.L. Dornbos, Jr. 2009. Physiological Competitiveness of Autumn Olive in Meadow and Forest Environments. MASAL, Wayne St. Univ. Michigan Academician 39(4): 262.

Hesselink, R., and D.L. Dornbos, Jr. 2009. Characterization of the Physiological Competitiveness of Autumn Olive in Meadow and Forest Environments. Michigan Stewardship Network Conference Poster Presentation, Michigan St. Univ.

Schumacher, K., R. Norris, J. Jacquot, and B. Swanson. 2009. Identifying hybrids of *Peromyscus leucopus* and *P. maniculatus* in Michigan using molecular genetics. American Society for Mammalogists annual meeting, University of Alaska Fairbanks, Fairbanks, AK.

Wiersma, A., and D.L. Dornbos, Jr. 2009. Land Management Implications of Carbon Assimilation Rate Differences Among Plant Communities (II). West Michigan Regional Undergraduate Science Research Conference, VAI.

2008

Bailey, R., H. Campa, III, and K. Bissell. 2008. Habitat relationships and population ecology of eastern massasaugas in southwestern Michigan. Eastern Massasauga Rattlesnake Species Survival Plan Conference, Chicago, Illinois (Lincoln Park Zoo), Invited Speakers.

Bissell, K., H. Campa, III, and R. Bailey. Modeling habitat ecology and population viability of the eastern massasauga rattlesnake in southwestern lower Michigan. Eastern Massasauga Working Group Meeting, East Lansing, Michigan.

Eberhardt, L., and J. Finger. 2008. The use of activated carbon to mediate the negative phytotoxic effects of *Alliaria petiolata* on germination and seedling growth of *Aquilegia canadensis*. Poster with published abstract, Ecological Society of America.

Edwards, K., and D.L. Dornbos Jr. 2008. Physiological Competitiveness of Autumn Olive in a Mature Oak-Beech Forest. MASAL, Western Michigan Univ. Michigan Academician 39(2): 19.

2007

Bissell, K.M., H. Campa, III, K.F. Millenbah, and T.M. Harrison. 2007. Modeling habitat suitability and population viability of the eastern Massasauga rattlesnake in Southwestern lower Michigan. 14th Annual Wildlife Society Conference, Tucson, Arizona.

Dornbos, Jr., D.L., L. Holtrop, M. Ritsema, and E. VanderGaast. 2007. Comparison of the photosynthetic capacity of three invasive shrubs with native woody species in meadow and woodland ecosystems of southwest Michigan. Natural Areas Association and Midwest Invasive Plant Network Annual Meeting, Cleveland, OH.

Fleishmann, E. and Keys, R. 2007. Effects of environmental variables on plant communities in a ravine system in southwest Michigan. Michigan Academy of Science, Arts, Letters Annual Meeting, Ferris State University, MI

Griffiths L., R. Sturm, and E.A. Jensen. 2007. The Relationship of Vehicle Traffic to Metal Ion (Pb, Cu, Zn) Concentrations in Roadside Soils of Southwestern Michigan. Poster presented at the Central Regional ACS meeting, May 2007, Covington, Kentucky.

Heys, B., and R. Keys. 2007. The potential habitat fragmentation caused by white-tailed deer (*Odocoileus virginianus*) and its impact on nest predation. Michigan Academy of Science, Arts, and Letters Annual Meeting, Ferris State University, MI.

Ritsema, M., and D.L. Dornbos, Jr. 2007. Physiological characterization of autumn olive. MASAL, Big Rapids, MI. Michigan Academician 38(4): 17.

2006

Broderick, M., M. Conklin, and E.A. Jensen. 2006. Analysis of Water Quality in Brewster Lake, Pierce Cedar Creek Institute. Poster presented at the Central Regional ACS meeting, Frankenmuth, Mich.

Haydon, J., G. Greer, P. Aldrich III, & J. Jacquot. 2006. Low doses of Tree-of-Heaven toxins do not affect rodent herbivory. American Society for Mammalogists annual meeting, University of Massachusetts at Amherst, MA.

Wildman, K., H. Campa, III, K.F. Millenbah, and T.M. Harrison. 2006. Population demographics and viability model for eastern massasauga rattlesnakes in southwestern lower Michigan. 67th Midwest Fish and Wildlife Conference, Omaha, Nebraska.

Wildman, K., and H. Campa, III. 2006. Eastern massasauga rattlesnake habitat ecology and population viability in southwestern lower Michigan. Eastern Massasauga Working Group Annual Meeting, Lansing, Michigan.

2005

Wildman, K.M., H. Campa, III, K.F. Millenbah, and T.M. Harrison. 2005. Eastern massasauga rattlesnake habitat selection and movement patterns in southwestern Michigan. 66th Midwest Fish and Wildlife Conference, Grand Rapids, Michigan.

Wildman, K.M., H. Campa, III, and K.F. Millenbah. 2005. Eastern massasauga telemetry and habitat use in southwestern lower Michigan. Eastern Massasauga Working Group Meeting, East Lansing, Michigan.