

MARC A. MILNE

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Citizenship: Dual: Canada & USA

EDUCATION

Ph.D. Ecology, Old Dominion University (2010)
B.S. with Baccalaureate Honors in Biology, University of North Florida (2002)

PROFESSIONAL EMPLOYMENT

2020 – present Associate Professor, Dept. of Biology, University of Indianapolis, Indianapolis, IN
2014 – 2020 Assistant Professor, Dept. of Biology, University of Indianapolis, Indianapolis, IN
2011 – 2014 Full-time Instructor, Dept. of Biology, University of North Carolina at Greensboro, Greensboro, NC
2012 Adjunct Professor, Dept. of Biology, High Point University, High Point, NC
2010 – 2011 Full-time Instructor, Dept. of Biology, Randolph Community College, Asheboro, NC
2009 – 2010 Part-time Instructor, Dept. of Biology, Tidewater Community College, Virginia Beach, VA
2009 – 2010 Adjunct Professor, Dept. of Biology, Old Dominion University, Norfolk, VA
2009 Adjunct Professor, Dept. of Biology, Virginia Wesleyan University, Virginia Beach, VA
2004 – 2007 Teaching Assistant, Dept. of Biology, Old Dominion University, Norfolk, VA

PUBLICATIONS

Milne, M. A., C. Wimmersberger, and J. Bertaux. *In preparation*. A revision of *Neodietrichia* (Araneae: Linyphiidae). Zootaxa.
Hedin, M. and **M. A. Milne**. *In review*. New species in old mountains: Integrative taxonomy reveals ten new species and extensive short-range endemism in *Nesticus* spiders (Araneae, Nesticidae) from the southern Appalachian Mountains. Zookeys.
Milne, M. A., M. Brattain, R. Brodman, L. Cole, B. Davis-Swinford, G. Druschel, S. Gross, T. E. Hansen, R. Hedge, J. D. Holland, R. Jean, T. Lauer, W. Murphy, P. McMurray, M. J. Risch, P. Rothrock, S. Russell, C. Strang. *In review*. Results of the 2021 Mosquito Creek biodiversity survey, Harrison County, Indiana. Proceedings of the Indiana Academy of Science.
Holland, J. D., M. Brattain, R. Brodman, L. Cole, B. Davis-Swinford, G. Druschel, S. Gross, T. E. Hansen, R. Hedge, R. Jean, T. Lauer, **M. A. Milne**, W. Murphy, P. McMurray, M. J. Risch, P. Rothrock, S. Russell, C. Strang. *In review*. Results of the

- 2018 Eagle Creek Park biodiversity survey, Marion County, Indiana. Proceedings of the Indiana Academy of Science.
- Holland, J. D., M. Brattain, R. Brodman, L. Cole, B. Davis-Swinford, G. Druschel, S. Gross, T. E. Hansen, R. Hedge, R. Jean, T. Lauer, **M. A. Milne**, W. Murphy, P. McMurray, M. J. Risch, P. Rothrock, S. Russell, C. Strang. *In review*. Results of the 2019 Donaldson Woods biodiversity survey, Marshall County, Indiana. Proceedings of the Indiana Academy of Science.
- Zigler, K. and **Milne, M. A.** **2022**. Two new *Nesticus* Thorell, 1869 (Araneae: Nesticidae) from caves in northwest Georgia, USA. *Journal of Arachnology* 50: 292-300. <https://doi.org/10.1636/JoA-S-21-035>
- Campbell, J. W., S. M. Grodsky, **M. A. Milne**, P. Vigueira, C. C. Vigueira, E. Stern, and C. H. Greenberg. **2022**. Prescribed fire and other fuel-reduction treatments alter ground spider assemblages in a Southern Appalachian hardwood forest. *Forest Ecology and Management* 510(120127). <https://doi.org/10.1016/j.foreco.2022.120127>
- Milne, M. A.**, J. Gonsiorowski, N. Tuft, B. Deno, T. Ploss, J. Acosta, L. Frandsen, and C. Venable. **2021**. Effects of fire on ground-dwelling spider (Araneae) assemblages in central Indiana forests. *Environmental Entomology* 50(4): 781-789. doi.org/10.1093/ee/nvab051
- Lewis, J. J., **M. A. Milne**, C. Stephen, and D. Dourson. **2020**. Karst sinkholes as foci of biodiversity in the Hoosier National Forest. *The Journal of Cave and Karst Studies* 82(4): 169-182. <https://doi.org/10.4311/2020LSC0103>
- Bishop, L., R. Schnapp, J. Stant, J. E. Belth, R. Brodman, R. Carlson, L. Cole, S. Dunbar, J. D. Holland, R. Kerner, S. Russell, R. Jean, L. Koehn, J. Lendemer, T. Maloney, **M. A. Milne**, G. Mynhardt, P. Rothrock, D. Rupp, J. Sheets, D. Sparks, M. Martin, C. Strang, J. O. Whitaker Jr., and A. Chamberlain. **2020**. Results of the Indiana Forest Alliance Ecoblitz at Morgan-Monroe / Yellowwood State Forest in Indiana. *Proceedings of the Indiana Academy of Science* 128(2): 153-169.
- Zigler, K., M. L. Niemiller, C. D. R. Stephen, B. N. Ayala, **M. A. Milne**, N. S. Gladstone, A. S. Engel, J. B. Jensen, C. D. Camp, J. C. Ozier. **2020**. Biodiversity from caves and other subterranean habitats of Georgia, USA. *Journal of Cave and Karst Studies* 82(2): 125-167. <https://doi.org/10.4311/2019LSC0125>
- Milne, M. A.**, J. Louderman, B. Foster, I. Grijalva, J. J. Lewis, L. Bishop, B. L. Deno, J. Acosta, L. Frandsen, and E. Stern. **2019**. More spiders in Indiana: 100 new and updated distribution records. *Proceedings of the Indiana Academy of Science* 128(1): 87-105.
- Ruch, D. G., T. Stoelting, B. Simpson, R. Brodman, L. Cole, B. E. Fisher, J. D. Holland, R. P. Jean, **M. Milne**, S. Namestnik, K. Roth, S. Russell, L. Sterrenburg, C. Strang, B. Walters, J. O. Whitaker, Jr., A. Chamberlain. **2019**. Results of the second (2016) Goose Pond Fish and Wildlife biodiversity survey, Greene County, Indiana. *Proceedings of the Indiana Academy of Science* 128(1): 13-27.
- Campbell, J. W., **M. Milne**, B. Dinh, J. C. Daniels, and J. D. Ellis. **2019**. Spider (Araneae) abundance and species richness comparison between native wildflower plantings and fallow controls in intensively managed agricultural areas. *Arthropod-Plant Interactions*, 1 – 12. <https://doi.org/10.1007/s11829-019-09725-9>
- Draney, M. L., **M. A. Milne**, M. Ulyshen, and G. Madriz. **2019**. Revision of the spider genus *Epiceraticelus* (Araneae: Linyphiidae) with a description of a new species. *Zootaxa* 4646(1): 189-200.

- Bishop, L., **M. A. Milne**, and B. Foster. **2019**. A survey of spider diversity in Morgan-Monroe / Yellowwood State Forest. *Proceedings of the Indiana Academy of Science* 127(2): 131-139.
- Cardoso P, Shirey V, Seppälä S, Henriques S, Draney M, Foord S, Gibbons A, Gomez L, Kariko S, Malumbres-Olarte J, **Milne M**, Vink C. **2019**. Globally distributed occurrences utilised in 200 spider species conservation profiles (Arachnida, Araneae). *Biodiversity Data Journal* 7: e33264. <https://doi.org/10.3897/BDJ.7.e33264>
- Yancey, M. E., N. C. Mann, **M. A. Milne**, K. Zigler. **2018**. Egg sacs of *Liocranoides* Keyserling, 1881 (Araneae: Zoropsidae) cave spiders. *Journal of Arachnology* 46: 553-555.
- Seppala, S., S. Henriques, M. Draney, S. Foord, A. L. Gibbons, L. Gomez, S. Kariko, J. Malumbres-Olarte, **M. Milne**, C. Vink, P. Cardoso. **2018**. Species conservation profiles of a random sample of world spiders IV: Scytodidae to Zoropsidae. *Biodiversity Data Journal* 6: e30842. <https://doi.org/10.3897/BDJ.6.e30842>
- Milne, M. A.** **2018**. First description of the male of the linyphiid spider *Disembohus corneliae* (Chamberlin & Ivie, 1944) (Araneae, Linyphiidae). *Zootaxa* 4526(3): 393-396.
- Milne, M. A.** **2018**. A biogeographic comparison of spiders within Illinois and Indiana. *Proceedings of the Indiana Academy of Science* 127(1): 1-6.
- Ruch, D. G., B. Banks, R. Brodman, T. Carter, L. Cole, M. Dittmann, B. E. Fisher, J. D. Holland, K. Islam, R. P. Jean, M. McCarty, P. D. McMurray Jr., **M. Milne**, W. L. Murphy, K. Roth, S. Russell, C. Strang, J. Whitaker Jr., and A. Chamberlain. **2018**. Results of the 2017 Red-Tail Land Conservancy biodiversity survey, Delaware and Randolph Counties, Indiana. *Proceedings of the Indiana Academy of Science* 127(1): 37-54.
- Milne, M. A.**, and D. A. Waller. **2018**. Carnivorous pitcher plants eat a diet of certain spiders, regardless of what's on the menu. *Ecosphere* 9(11): e02504. <https://doi.org/10.1002/ecs2.2504>
- Seppala, S., S. Henriques, M. Draney, S. Foord, A. L. Gibbons, L. Gomez, S. Kariko, J. Malumbres-Olarte, **M. Milne**, C. Vink, P. Cardoso. **2018**. Species conservation profiles of a random sample of world spiders III: Oecobiidae to Salticidae. *Biodiversity Data Journal* 6: e27004. <https://doi.org/10.3897/BDJ.6.e27004>
- Seppala, S., S. Henriques, M. Draney, S. Foord, A. L. Gibbons, L. Gomez, S. Kariko, J. Malumbres-Olarte, **M. Milne**, C. Vink, P. Cardoso. **2018**. Species conservation profiles of a random sample of world spiders II: Gnaphosidae to Nemesiidae. *Biodiversity Data Journal* 6: e26203. <https://doi.org/10.3897/BDJ.6.e26203>
- Seppala, S., S. Henriques, M. Draney, S. Foord, A. L. Gibbons, L. Gomez, S. Kariko, J. Malumbres-Olarte, **M. Milne**, C. Vink, P. Cardoso. **2018**. Species conservation profiles of a random sample of world spiders I: Agelenidae to Filistatidae. *Biodiversity Data Journal* 6: e23555. <https://doi.org/10.3897/BDJ.6.e23555>
- Milne, M. A.** and E. Wells. **2018**. A new species of spider (Araneae, Linyphiidae: *Islandiana*) from a southern Indiana cave. *Subterranean Biology* 26: 19-26.
- Holland, J. D., R. W. Dolan, J. J. Sheets, M. S. Finkler, B. E. Fisher, R. L. Hedge, T. Swinford, N. Harby, R. P. Jean, M. K. Martin, B. McKnight, **M. Milne**, K. Roth, P. Rothrock, and C. Strang. **2017**. Results of the 2016 Indianapolis Biodiversity Survey, Marion County, Indiana. *Proceedings of the Indiana Academy of Science* 126(2): 166-175. https://digitalcommons.butler.edu/facsch_papers/991
- Ruch, D. G., C. Chapman, A. Deutch, B. Brodman, L. Cole, B. Fisher, J. D. Holland, **M. Milne**,

- B. Murphy, J. O'Keefe, K. Roth, S. Russell, C. Strang, J. Whitaker Jr., and A. Chamberlain. **2016**. Results of the 2015 Hills of Gold Biodiversity Survey, Johnson County, Indiana. *Proceedings of the Indiana Academy of Science* 125(2): 126-136.
- Milne, M. A., B. Foster, J. J. Lewis, L. Bishop, A. Hoffman, T. Ploss, and B. Deno. **2016**. Spiders in Indiana: Seventy-one new and updated distribution records. *Proceedings of the Indiana Academy of Science* 125(1): 75-85.
- Townsend, V. R. Jr., M. S. Bertram, and M. A. Milne. **2015**. Variation in ovipositor morphology among laniatorean harvestmen. *Zoomorphology*, 134(3): 487-497.
- Milne, M. A. and M. Schwarz. **2014**. Size matters: Purple pitcher plant (*Sarracenia purpurea*) pitcher size influences the presence of *Aedes albopictus* larvae. *American Midland Naturalist*, 172(2): 219-226.
- Milne, M. A. and D. A. Waller. **2013**. Does pitcher plant morphology affect spider residency? *Northeastern Naturalist*, 20(3): 419-429.
- Milne, M. A. **2012**. The purple pitcher plant as a spider oviposition site. *Southeastern Naturalist*, 11(4): 567-574.
- Townsend Jr., V. R., M. A. Milne, and D. N. Proud. **2011**. Two new species of Manaosbiidae (Opiliones: Laniatores) from Panama, with comments on interspecific variation in penis morphology. *Journal of Arachnology*, 39(1): 92-101.
- Townsend Jr., V. R. and M. A. Milne. **2010**. A new species of *Santinezia* (Opiliones: Cranidae) from Panama. *Journal of Arachnology*, 38(3): 460-465.
- Milne, M. A., E. J. Ross, and D. E. Sonenshine. **2009**. The attraction of *Triatoma dimidiata* and *Rhodnius prolixus* (Hemiptera: Reduviidae) to combinations of host cues tested at two distances. *Journal of Medical Entomology*, 46(5): 1062-1073.
- Milne, M. A., V. R. Townsend Jr., P. A. Smelser, F. Smith, B. E. Felgenhauer, and M. K. Moore. **2009**. Larval aquatic and terrestrial mites infesting a temperate assemblage of mosquitoes. *Experimental and Applied Acarology*, 47(1): 19-33.
- Milne, M. A., N. A. Greffe III, and D. A. Waller. **2008**. Colonization and development of the Asian tiger mosquito (*Aedes albopictus*) in the purple pitcher plant (*Sarracenia purpurea*). *American Midland Naturalist*, 160: 110-116.

COURSES TAUGHT

University of Indianapolis:

- Biol 155: General Biology I – Introduction to the Diversity of Life – Lecture and Lab (2014 – present)
- Biol 155 Honors: General Biology I - Introduction to the Diversity of Life – Lecture and Lab (2014, 2018, 2021 - present)
- Biol 490: Undergraduate Independent Research Project (2015 – present)
- Biol 496: Undergraduate Capstone: Research Experience (2015 – present)
- Biol 277: Entomology – Lecture and Lab (2020 – present)
- Biol 250: Conservation Biology (2021 – present)
- Biol 563: Entomology (graduate course) – Lecture and Lab (2022 – present)
- Biol 277 Honors: Entomology – Lecture and Lab (2022 – present)
- Biol 280: Evolution – Lecture and Lab (2015 – 2021)
- Biol 280 Honors: Evolution – Lecture and Lab (2020)
- Biol 165: General Biology II – Introduction to Cell Biology – Lecture and Lab (2014 –

2020)

Biol 460: Topics in Biology: Spider Identification (2017 – 2019)

St 299: Biodiversity of Costa Rica (2016, 2018)

University of North Carolina at Greensboro:

Bio 105: Major Concepts of Biology – Lab (2012 – 2014)

Bio 111: General Biology I – Lab (2011 – 2014)

Bio 112: General Biology II – Lab (2011 – 2014)

Bio 322: Plant Diversity – Lab (2013)

High Point University:

Env 1110: Environmental Science – Lecture and Lab (2012)

Randolph Community College:

Bio 111: General Biology I – Lecture and Lab (2010 – 2011)

Bio 112: General Biology II – Lecture and Lab (2010 – 2011)

Bio 140: Environmental Science – Lecture and Lab (2010 – 2011)

Sci 095: Developmental Science – Lab (2011)

Old Dominion University:

Bio 115: General Biology I – Lab (2004 – 2007)

Bio 116: General Biology II – Lab (2004 – 2007)

Bio 291: Ecology – Lecture (2010)

Bio 292: Evolution – Lecture (2009)

Tidewater Community College:

Bio 101: General Biology I – Lecture and Lab (2009 – 2010)

Bio 102: General Biology II – Lecture and Lab (2009 – 2010)

Virginia Wesleyan College:

Bio 100: World of Biology – Lecture (2009)

Bio 101: World of Biology – Lab (2009)

Bio 311: Genetics – Lecture and Lab (2009)

SUPERVISED UNDERGRADUATE RESEARCH

2022 – present	Carmen Neuhauser: The spiders of the Mojave Desert
2022 – present	Allena Gelfius: Using biological illustration to describe new spider species from Appalachian caves
2020 – present	James Bertaux: A revision of <i>Neodietrichia</i> (Araneae: Linyphiidae)
2019 – present	Casey Venable: The spiders of subterranean habitats in Virginia
2021 – 2022	Kyle Humerickhouse: A biogeographical study of the spider genus <i>Liocranoides</i> (Araneae: Zoropsidae).
2020 – 2022	Ajah Taylor: Spiders of Appalachia
2019 – 2022	Lauren Cochran: The spiders of Indiana fields
2019 – 2022	Caylie Wimmersberger: A revision of <i>Neodietrichia</i> (Araneae: Linyphiidae)

- 2021 Carly Mabie: A biogeographical study of the spider genus *Liocranoides* (Araneae: Zoropsidae).
- 2020 – 2021 Primrose Paul: Spiders of Appalachia
- 2020 – 2021 Alex Flickinger: A biogeographical study of the spider genus *Liocranoides* (Araneae: Zoropsidae).
- 2018 – 2021 Spencer Burton: A biogeographical study of the spider genus *Liocranoides* (Araneae: Zoropsidae)
- 2018 – 2021 Esther Mullins: A revision of the genus *Neodietrichia* (Araneae: Linyphiidae)
- 2018 – 2021 Joseph Gonsiorowski: The effect of fire on spider diversity in a central Indiana forest
- 2018 – 2021 Nathan Tuft: The effect of fire on spider diversity in a central Indiana forest
- 2018 – 2020 Brandon Rhim: The spiders of subterranean habitats in Virginia
- 2017 – 2019 Lucas Frandsen: The effect of fire on spider diversity in a central Indiana forest
- 2017 – 2019 Erik Hart: Using DNA barcodes to determine species relationships in *Liocranoides*
- 2016 – 2019 Emily Stern: The effect of burning and mechanical felling on spider species richness and diversity in western North Carolina
- 2016 – 2019 Janise Acosta: The effect of fire on spider diversity in a central Indiana forest
- 2017 – 2018 Joel Williams: Using DNA barcodes to determine species relationships in *Liocranoides*
- 2017 – 2018 Alison Sobczak: The effect of fire on spider diversity in a central Indiana forest
- 2015 – 2018 Brodrick Deno: The effect of fire on spider diversity in a central Indiana forest.
- 2015 – 2018 Baothu Dinh: The effect of wildflower strips on spider richness and diversity near agricultural land in Florida.
- 2014 – 2018 Gabriele Madriz: A revision of the spider genus, *Epiceraticelus*
- 2017 – 2018 Isabelle Bergman: Using DNA barcodes to determine species relationships in *Liocranoides*
- 2016 – 2017 Marshal Sparenburg: The effect of fire on spider diversity in a central Indiana forest
- 2015 – 2016 Elizabeth Wells: Illustrating some of the smallest spiders in the world: the erigonines.
- 2015 – 2016 Tyler Ploss: The effect of fire on spider diversity in a central Indiana forest.
- 2015 Harleen Athwal: The role of intra-sexual competition in *Habronattus clypeatus* jumping spiders.
- 2014 Tyler Smith: The diversity of *Liocranoides* in Alabama caves.

GRANTS AND FELLOWSHIPS

- 2020 Zerfas Travel Grant, University of Indianapolis, \$2500
- 2019 CanaColl Grant to promote taxonomic research at the Canadian National Collection, of Insects, Arachnids, and Nematodes, The CanaColl Foundation, \$500

- 2019 Faculty Scholarship Grant, University of Indianapolis, \$4000
- 2018 Visiting Scholarship Grant, The Field Museum, \$1000
- 2018 Hardwood Ecosystem Experiment subgrant (Indiana Department of Natural Resources), \$2,300
- 2018 Co-leader travel grant, University of Indianapolis, \$2000
- 2016 Co-leader travel grant, University of Indianapolis, \$2000
- 2016 Sigma Zeta Student Research Grant – Advising PI, \$500
- 2016 Senior Research Award, Indiana Academy of Science, \$1883
- 2015 Inquiry Grant, University of Indianapolis, \$723
- 2010 Travel Grant, Association of Southeastern Biologists, \$313
- 2009 Travel Grant, Association of Southeastern Biologists, \$200
- 2008 Virginia Bagley Scholarship, ODU, \$2,200
- 2008 Travel Grant, American Arachnological Society, \$350
- 2007 Harold G Marshall and Vivian J. Marshall Scholarship, ODU, \$1,837
- 2007 Arachnological Research Grant, American Arachnological Society, \$300
- 2007 Martina Wadewitz Haggard Award, UNCW Highlands Biological Station, \$1,750
- 2002 Graduate Research Grant, University of North Florida, \$1,500

CONFERENCE ACTIVITY

- 6/2022 Sticky traps producing a sticky mess: The tree-dwelling spider genus, *Neodietrichia* (Araneae: Linyphiidae). The 46th Annual Meeting of the American Arachnological Society. Davis, CA.
- 6/2022 Maternally-inherited symbionts in spiders: diverse, novel, and mysterious. The 46th Annual Meeting of the American Arachnological Society. Davis, CA.
- 3/2022 A revision of *Neodietrichia*. The 136th Annual Meeting of the Indiana Academy of Science. Indianapolis, IN.
- 3/2022 Ghost hunting: A search for the rarest spider in North America, *Myrmekiaphila flavipes*. The 136th Annual Meeting of the Indiana Academy of Science. Indianapolis, IN. Poster.
- 8/2021 Effects of fire on ground-dwelling spider (Araneae) assemblages in central Indiana forests. The 105th Annual Meeting of the Ecological Society of America. Online.
- 6/2021 Effects of fire on ground-dwelling spider assemblages in central Indiana forests. The 45th Annual Meeting of the American Arachnological Society. Online.
- 3/2021 The effect of fire on spiders in central Indiana forests. The 135th Annual Meeting of the Indiana Academy of Science. Online.
- 3/2021 A revision of the tree-dwelling spider, *Neodietrichia*. The 135th Annual Meeting of the Indiana Academy of Science. Online.
- 3/2021 Emerging from the dark: Undescribed spiders from subterranean habitats in Virginia. The 135th Annual Meeting of the Indiana Academy of Science. Online.
- 6/2020 Increasing outreach opportunities for people of color within arachnology. The 44th Annual Meeting of the American Arachnological Society. Online.
- 9/2019 A testing of assessment methods for freshmen general biology students. Indiana College Biology Teachers Association, Hanover, IN.
- 6/2019 A phylogeographic study of *Liocranoides* (Araneae: Zoropsidae). The 43rd Annual Meeting of the American Arachnological Society. Lexington, VA.

- 3/2019 The effect of fire on spider assemblages in central Indiana forests. The 134th Annual Meeting of the Indiana Academy of Science. Indianapolis, IN.
- 3/2019 A survey of spiders for the Ecoblitz in Morgan-Monroe / Yellowwood State Forests in Indiana. The 134th Annual Meeting of the Indiana Academy of Science. Indianapolis, IN.
- 3/2019 Spiders at the Indiana Dunes National Park: New state records and undescribed species. The 134th Annual Meeting of the Indiana Academy of Science. Indianapolis, IN.
- 3/2019 Cave spiders of Appalachia: A phylogenetic study of *Liocranoides* (Araneae: Zoropsidae). The 134th Annual Meeting of the Indiana Academy of Science. Indianapolis, IN.
- 10/2018 Where the glaciers end: Newly discovered spiders highlight high diversity at a central Indiana nature preserve. The 45th Annual meeting of the Natural Areas Association, Bloomington, IN.
- 10/2018 The long-term effect of cutting and burning on spider abundance, diversity, and taxonomic composition in NC. The 45th Annual meeting of the Natural Areas Association, Bloomington, IN.
- 6/2018 The effect of wildflower strips on spider abundance and diversity. The 42nd Annual Meeting of the American Arachnological Society. Ypsilanti, MI.
- 4/2018 A new species of spider from Stygian River Cave. 2018 Indiana Cave Symposium, Bloomington, IN.
- 3/2018 An additional 100+ new spider distribution records in Indiana. The 133rd Annual Meeting of the Indiana Academy of Science, Indianapolis, IN.
- 3/2018 Identifying an unknown *Agyneta* sp. via DNA sequencing. The 133rd Annual Meeting of the Indiana Academy of Science, Indianapolis, IN.
- 3/2018 The effect of wildflower strips on spider abundance and diversity in Florida. The 133rd Annual Meeting of the Indiana Academy of Science, Indianapolis, IN.
- 3/2018 The effect of cutting and burning on spider abundance, composition, and diversity in North Carolina. The 133rd Annual Meeting of the Indiana Academy of Science, Indianapolis, IN.
- 3/2018 How to effectively teach biological writing to college freshmen and sophomores. The 133rd Annual Meeting of the Indiana Academy of Science, Indianapolis, IN.
- 3/2018 Identifying an unknown *Agyneta* sp. via DNA sequencing. Sigma Zeta National Meeting, Springfield, MO.
- 10/2017 Creating a syllabus for freshmen. Indiana College Biology Teachers Association, Indianapolis, IN.
- 7/2017 Two new species of *Eupoecilaema* (Cosmetidae) from Panama. The 41st Annual Meeting of the American Arachnological Society. Queretaro City, Queretaro, Mexico.
- 7/2017 A revision of *Epiceraticelus* (Araneae: Linyphiidae). The 41st Annual Meeting of the American Arachnological Society. Queretaro City, Queretaro, Mexico.
- 3/2017 Five recently found undescribed species and their mates from Indiana forests. The 132nd Annual Meeting of the Indiana Academy of Science. Indianapolis, IN.
- 3/2017 Eighteen new spider distribution records in Indiana. The 132nd Annual Meeting of the Indiana Academy of Science. Indianapolis, IN.
- 3/2017 A newly discovered horned spider in the genus *Epiceraticelus* (Araneae:

- Linyphiidae). The 132nd Annual Meeting of the Indiana Academy of Science. Indianapolis, IN.
- 3/2017 A preliminary survey of the diversity of spiders in Morgan-Monroe Forest. The 132nd Annual Meeting of the Indiana Academy of Science. Indianapolis, IN. Poster.
- 3/2017 An examination of spider diversity in wildflower plots from Northern and Central Florida. The 132nd Annual Meeting of the Indiana Academy of Science. Indianapolis, IN. Poster.
- 7/2016 The sampled red list index of spiders. The 20th International Congress of Arachnology. Golden, CO.
- 7/2016 Indiana spiders: Seventy-five new distribution records and five undescribed species. The 20th International Congress of Arachnology. Golden, CO. Poster.
- 3/2016 Eighteen new spider (Order: Araneae) distribution records from Indiana forests. The 131st Annual Meeting of the Indiana Academy of Science. Indianapolis, IN. Poster.
- 3/2016 Illustrating some of the smallest spiders in the world: the erigonines. The 131st Annual Meeting of the Indiana Academy of Science. Indianapolis, IN. Poster.
- 10/2015 A step-by-step approach to writing lab reports via interdepartmental collaboration. 2015 Meeting of the Indiana College Biology Teachers Association. Huntington, IN.
- 6/2015 A new species of *Liocranoides* (Tengellidae) from Alabama. The 39th Annual Meeting of the American Arachnological Society. Mitchell, SD.
- 4/2015 Using scanning electron microscopy to aid in the identification of some of the smallest spiders in the world. The 76th Annual Meeting of the Association of Southeastern Biologists. Chattanooga, TN. Poster.
- 3/2015 Using scanning electron microscopy to aid in the identification of some of the smallest spiders in the world. The 130th Annual Meeting of the Indiana Academy of Science. Indianapolis, IN. Poster.
- 4/2014 Purple pitcher plant (*Sarracenia purpurea*) pitcher size influences the presence or absence of *Aedes albopictus* larvae. The 75th Annual Meeting of the Association of Southeastern Biologists. Spartanburg, SC.
- 11/2013 A perilous mission: *Aedes albopictus* oviposition in the pitchers of the purple pitcher plant. The 48th Annual Meeting of the North Carolina Mosquito and Vector Control Association. Wrightsville Beach, NC.
- 7/2013 A preliminary study of spider diversity in the caves of northern Alabama and Georgia. The 37th Annual Meeting of the American Arachnological Society. Johnson City, TN. Poster.
- 4/2013 Environmental correlates of survival in the purple pitcher plant, *Sarracenia purpurea*. The 11th Annual Smithsonian Botanical Symposium. Washington, D.C. Poster.
- 10/2012 Importance of nectar and pigment in the capture of ants by carnivorous pitcher plants. The 5th Quadrennial Meeting of the North American Section of the International Union for the Study of Social Insects. Greensboro, NC. Poster.
- 4/2010 Spider residency contributes nutrients to the purple pitcher plant, *Sarracenia purpurea*. The 71st Annual Meeting of the Association of Southeastern Biologists. Asheville, NC.
- 4/2009 The effectiveness of the attraction mechanisms of the carnivorous plant, *Sarracenia purpurea*. The 70th Annual Meeting of the Association of Southeastern Biologists. Birmingham, AL.
- 11/2008 The effect of long and short-distance lures in the attraction of the triatomine bugs

- Triatoma dimidiata* and *Rhodnius prolixus*. The 56th Annual Meeting of the Entomological Society of America, Reno, NV.
- 6/2008 Arachnid kleptoparasitism of the purple pitcher plant, *Sarracenia purpurea*. The 37th Annual Meeting of the American Arachnological Society. Berkeley, CA.
- 5/2008 Nectar consumption by spiders: A crack in the generalist predator paradigm. The 86th Annual Meeting of the Virginia Academy of Science. Hampton, VA.
- 4/2008 Parasitizing the parasite: mite parasitism of mosquitoes in an urban environment. The 69th Annual Meeting of the Association of Southeastern Biologists. Spartanburg, SC.
- 4/2007 Survivorship of the Asian-tiger mosquito (*Aedes albopictus*) in the purple pitcher plant (*Sarracenia purpurea*): evidence for invasive facultative mutualism. The 68th Annual Meeting of the Association of Southeastern Biologists. Charleston, SC.
- 2/2007 The importance of color in the oviposition and meal-seeking behavior of *Aedes albopictus*. The 60th Annual Meeting of the Virginia Mosquito Control Association. Williamsburg, VA.

INVITED PUBLIC TALKS

- 10/2022 Searching for ghosts: Hunting down lost spider species in North America. Eastern Illinois University speaker series. Charleston, IL.
- 7/2022 Indiana Spiders. Little River Wetlands Project speaker series. Fort Wayne, IN.
- 4/2022 Spiders of Indiana. Master Naturalist Class. Southeastway Park, Indianapolis, IN.
- 9/2021 Spiders in Indiana. Tippecanoe County Master Naturalist Class. Online.
- 6/2021 Spiders within Indiana. Tippecanoe County Park and Recreation Department, Wednesdays in the Wild speaker series, Lilly Nature Center, West Lafayette Park, West Lafayette, IN.
- 2/2020 A phylogeographic study of *Liocranoides* (Araneae: Zoropsidae). Butler University Seminar Series, Butler University, Indianapolis, IN.
- 11/2019 Spiders of the Indiana Dunes National Park. Indiana Dunes National Park Seminar series, Paul H. Douglas Environmental Center, Gary, IN.
- 4/2019 Indiana Spiders. Master Naturalist Class. Southeastway Park, Indianapolis, IN.
- 9/2018 Spiders in Indiana. Indiana Dunes National Lakeshore: Science Saturday, Paul H. Douglas Environmental Center, Gary, IN.
- 6/2018 Spiders at the Indiana Dunes National Lakeshore. Indiana Dunes National Lakeshore Seminar series, Paul H. Douglas Environmental Center, Gary, IN.
- 5/2018 Spiders within the Hardwood Ecosystem Experiment (HEE). Tippecanoe County Park and Recreation Department, Wednesdays in the Wild speaker series, Lilly Nature Center, West Lafayette Park, West Lafayette, IN.
- 12/2017 Spiders in Indiana: Recent discoveries. Illinois Natural History Survey, Seminar series, University of Urbana-Champaign, Champaign, IL.
- 3/2017 The Diversity of Spiders and Millipedes in Illinois and Indiana. Indiana Academy of Science, Biodiversity Symposium, Indianapolis, IN.
- 10/2016 Terrestrial arthropods of Indiana. Master Naturalist Class. Fort Harrison State Park, Indianapolis, IN.
- 3/2016 Spiders of Indiana. Master Naturalist Class. Lilly Nature Center at Celery Bog, West Lafayette, IN.
- 11/2008 Spiders and carnivorous plants: unraveling the association. Virginia Wesleyan

- College, Department of Biology, Norfolk, VA.
- 5/2008 Spiders and carnivorous plants. National Audubon Society, Norfolk Botanical Gardens, Norfolk, VA.
- 6/2006 Stealing from the predator: spiders as parasites of the carnivorous plant, *Sarracenia purpurea*. Virginia Native Plant Society, Norfolk Botanical Gardens, Norfolk, VA.

UNIVERSITY/DEPARTMENTAL PRESENTATIONS

- 10/2022 Medicocriminal entomology. FOUND graduate student association, University of Indianapolis, Indianapolis, IN.
- 4/2022 A sampling of spider diversity in the Appalachian Mountains. Scholars Showcase, University of Indianapolis, Indianapolis, IN.
- 4/2022 Evaluating COI procedures using a tiny, poorly-known genus, *Tapinocyba*. Scholars Showcase, University of Indianapolis, Indianapolis, IN.
- 4/2022 A revision of *Neodietrichia*. Scholars Showcase, University of Indianapolis, Indianapolis, IN.
- 4/2022 Updates on the phylogeographic study of *Liocranoides* (Araneae: Zoropsidae). Scholars Showcase, University of Indianapolis, Indianapolis, IN.
- 4/2021 A revision of the tree-dwelling spider, *Neodietrichia*. Scholars Showcase, University of Indianapolis, Indianapolis, IN.
- 4/2021 The effect of fire on spiders in central Indiana forests. Scholars Showcase, University of Indianapolis, Indianapolis, IN.
- 4/2021 Updates on the phylogeographic study of *Liocranoides* (Araneae: Zoropsidae). Scholars Showcase, University of Indianapolis, Indianapolis, IN.
- 4/2019 A phylogeographic study of *Liocranoides* (Araneae: Zoropsidae). Scholars Day, University of Indianapolis, Indianapolis, IN.
- 4/2019 Spider research at the University of Indianapolis, University of Indianapolis, Indianapolis, IN.
- 4/2018 An additional 100+ new spider distribution records in Indiana. Scholars Day, University of Indianapolis, Indianapolis, IN. (Poster)
- 4/2018 Identifying an unknown *Agyneta* sp. via DNA sequencing. Scholars Day, University of Indianapolis, Indianapolis, IN. (Poster)
- 4/2018 The effect of wildflower strips on spider abundance and diversity in Florida. Scholars Day, University of Indianapolis, Indianapolis, IN.
- 4/2018 The effect of cutting and burning on spider abundance, composition, and diversity in North Carolina. Scholars Day, University of Indianapolis, Indianapolis, IN.
- 5/2017 An examination of spider diversity in wildflower plots from Northern and Central Florida. Summer Research Institute, University of Indianapolis, Indianapolis, IN.
- 5/2017 A preliminary examination of the effect of mechanical felling and burning on spider abundance and diversity in North Carolina. Summer Research Institute, University of Indianapolis, Indianapolis, IN. (Poster)
- 4/2017 An examination of spider diversity in wildflower plots from Northern and Central Florida. Honors Day, University of Indianapolis, Indianapolis, IN.
- 4/2017 A revision of the spider genus, *Epiceraticelus* (Araneae: Linyphiidae). Honors Day, University of Indianapolis, Indianapolis, IN.

- 4/2016 Illustrating some of the smallest spiders in the world: the erigonines. Honors Day, University of Indianapolis, Indianapolis, IN. (Poster)
- 2/2010 Ecological interactions between spiders and the purple pitcher plant, *Sarracenia purpurea*. Old Dominion University, Department of Biology, Norfolk, VA.
- 3/2009 The effectiveness of the attraction mechanisms of the carnivorous plant, *Sarracenia purpurea*. Old Dominion University, Department of Biology, Norfolk, VA.
- 4/2008 Spiders as victims of *Sarracenia* in Virginia and North Carolina. Old Dominion University, Department of Biology, Norfolk, VA.
- 4/2008 The effect of long and short-distance lures in the attraction of the triatomine bugs *Triatoma dimidiata* and *Rhodnius prolixus*. Research Exposition. Old Dominion University, Norfolk, VA.
- 4/2007 Araneae visitors of the purple pitcher plant, *Sarracenia purpurea*. Old Dominion University, Department of Biology, Norfolk, VA.
- 4/2007 Survivorship of the Asian Tiger mosquito (*Aedes albopictus*) in the Purple Pitcher Plant (*Sarracenia purpurea*): Evidence for invasive facultative mutualism. Research Exposition. Old Dominion University, Norfolk, VA.
- 5/2006 Niche expansion of the Asian tiger mosquito, *Aedes albopictus*. Old Dominion University, Department of Biology, Norfolk, VA.

PUBLISHED CONFERENCE ABSTRACTS

- Milne, M.**, E. Hart, S. Burton, J. Williams, K. Zigler, N. C. Mann, M. E. Yancey, M. L. Niemiller, and J. Campbell. A phylogeographic study of *Liocranoides* (Araneae: Zoropsidae). The 43rd Annual Meeting of the American Arachnological Society. Lexington, VA, 2019.
- Gonsiorowski, J., N. Tuft, J. Acosta, L. Frandsen, and **M. Milne**. The effect of fire on spider assemblages in central Indiana forests. The 134th Annual Meeting of the Indiana Academy of Science. Indianapolis, IN, 2019.
- Bishop, L. and **M. Milne**. A survey of spiders for the Ecoblitz in Morgan-Monroe / Yellowwood State Forests in Indiana. The 134th Annual Meeting of the Indiana Academy of Science. Indianapolis, IN, 2019.
- Milne, M.** Spiders at the Indiana Dunes National Park: New state records and undescribed species. The 134th Annual Meeting of the Indiana Academy of Science. Indianapolis, IN, 2019.
- Hart, E. and **M. Milne**. Cave spiders of Appalachia: A phylogenetic study of *Liocranoides* (Araneae: Zoropsidae). The 134th Annual Meeting of the Indiana Academy of Science. Indianapolis, IN, 2019.
- Milne, M.**, B. Dinh, J. Campbell, and J. Ellis. The effect of wildflower strips on spider abundance and diversity in Florida. The 42nd Annual Meeting of the American Arachnological Society. Ypsilanti, MI, 2018.
- Milne, M. A.**, M. L. Draney, M. Ulyshen, and G. Madriz. A revision of *Epiceraticelus* (Araneae: Linyphiidae). The 41st Annual Meeting of the American Arachnological Society. Queretaro, Mexico, 2017.
- Cardoso, P., S. Henriques, S. Seppala, M. L. Draney, A. T. Gibbons, S. Kariko, J. Malumbres-Olarte, **M. Milne**, C. Vink, and P. Cushing. The IUCN Spider Specialist Group. The 40th Annual Meeting of the American Arachnological Society and the 20th International

- Congress of Arachnology (Joint meeting). Golden, CO, 2016.
- Milne, M. A., B. Foster, J. J. Lewis, L. Bishop, A. Hoffman, T. Ploss, and B. Deno. Seventy-two new spider distribution records and four undescribed species from Indiana forests. The 40th Annual Meeting of the American Arachnological Society and the 20th International Congress of Arachnology (Joint meeting). Golden, CO, 2016.
- Milne, M., J. Campbell, A. Abbate, T. Smith, B. Campbell, and J. Ledford. A new species of *Liocranoides* (Tengellidae) from Alabama. The 39th Annual Meeting of the American Arachnological Society. Mitchell, SD, 2015.
- Madriz, G. and M. Milne. Using scanning electron microscopy to aid in the identification of some of the smallest spiders in the world. The 76th Annual Meeting of the Association of Southeastern Biologists. Chattanooga, TN, 2015.
- Milne, M.A. and M. Schwarz. Size Matters: Purple pitcher plant (*Sarracenia purpurea*) pitcher size influences the presence or absence of *Aedes albopictus* larvae. The 75th Annual Meeting of the Association of Southeastern Biologists. Spartanburg, SC, 2014.
- Milne, M. A., J. McAndrews, and D. A. Waller. Environmental correlates of survival in the purple pitcher plant, *Sarracenia purpurea*. The 11th Annual Smithsonian Botanical Symposium. Washington, D.C., 2013.
- Milne, M. A. and D. A. Waller. Spider residency contributes nutrients to the purple pitcher plant, *Sarracenia purpurea*. The 71st Annual Meeting of the Association of Southeastern Biologists. Asheville, NC, 2010.
- Milne, M. A. and D. A. Waller. The effectiveness of the attraction mechanisms of the carnivorous plant, *Sarracenia purpurea*. The 70th Annual Meeting of the Association of Southeastern Biologists. Birmingham, AL, 2009.
- Milne, M. A., D. E. Sonenshine, and P. Kirsch. The effect of long and short-distance lures in the attraction of the triatomine bugs *Triatoma dimidiata* and *Rhodnius prolixus*. The 56th Annual Meeting of the Entomological Society of America, Reno, NV, 2008.
- Milne, M. A. and D. A. Waller. Arachnid kleptoparasitism of the purple pitcher plant, *Sarracenia purpurea*. The 32nd Annual Meeting of the American Arachnological Society. Berkeley, CA, 2008.
- Milne, M. A., V. R. Townsend Jr., P. A. Smelser, F. Smith, B. E. Felgenhauer and M. K. Moore. Parasitizing the parasite: mite parasitism of mosquitoes in an urban environment. The 69th Annual Meeting of the Association of Southeastern Biologists. Spartanburg, SC, 2008.
- Milne, M. A., N. A. Grefe III and D. A. Waller. Survivorship of the Asian-tiger mosquito (*Aedes albopictus*) in the purple pitcher plant (*Sarracenia purpurea*): evidence for invasive facultative mutualism. The 68th Annual Meeting of the Association of Southeastern Biologists. Charleston, SC, 2007.

SELF-PUBLISHED TEACHING MATERIAL

- Milne, M., S. Davis, D. Scholes, and M. Gobbett. 2019. General Biology I: Introduction to the Diversity of Life, Laboratory Manual (V.9). Indianapolis (IN): Self-published 234 pp.
- Milne, M., S. Davis, D. Scholes, and M. Gobbett. 2019. General Biology I: Introduction to the Diversity of Life, Laboratory Manual (V.8). Indianapolis (IN): Self-published 220 pp.
- Milne, M., S. Davis, D. Scholes, and M. Gobbett. 2018. General Biology I: Introduction to the Diversity of Life, Laboratory Manual (V.7). Indianapolis (IN): Self-published 216 pp.
- Milne, M., M. Gobbett, K. Baker, and D. Stemke. 2018. General Biology II: Introduction to Cell

- Biology, Laboratory Manual (V.7). Indianapolis (IN): Self-published 161 pp.
- Milne, M.**, S. Davis, D. Scholes, and M. Gobbett. 2018. General Biology I: Introduction to the Diversity of Life, Laboratory Manual (V.6). Indianapolis (IN): Self-published 264 pp.
- Milne, M.**, M. Gobbett, K. Baker, and D. Stemke. 2018. General Biology II: Introduction to Cell Biology, Laboratory Manual (V.6). Indianapolis (IN): Self-published 196 pp.
- Milne, M.**, S. Davis, D. Scholes, and M. Gobbett. 2017. General Biology I: Introduction to the Diversity of Life, Laboratory Manual (V.5). Indianapolis (IN): Self-published 278 pp.
- Milne, M.**, K. Baker, and D. Stemke. 2017. General Biology II: Introduction to Cell Biology, Laboratory Manual (V.5). Indianapolis (IN): Self-published 225 pp.
- Milne, M.**, S. Davis, D. Scholes, and M. Gobbett. 2017. General Biology I: Introduction to the Diversity of Life, Laboratory Manual (V.4). Indianapolis (IN): Self-published 278 pp.
- Milne, M.**, K. Baker, and D. Stemke. 2017. General Biology II: Introduction to Cell Biology, Laboratory Manual (V.4). Indianapolis (IN): Self-published 226 pp.
- Milne, M.** and S. Davis. 2016. General Biology I: Introduction to the Diversity of Life, Laboratory Manual (V.3). Indianapolis (IN): Self-published 214 pp.
- Milne, M.**, K. Baker, and D. Stemke. 2016. General Biology II: Introduction to Cell Biology, Laboratory Manual (V.3). Indianapolis (IN): Self-published 212 pp.
- Milne, M.** and S. Davis. 2016. General Biology I: Introduction to the Diversity of Life, Laboratory Manual (V.2). Indianapolis (IN): Self-published 184 pp.
- Milne, M.**, K. Baker, and D. Stemke. 2016. General Biology II: Introduction to Cell Biology, Laboratory Manual (V.2). Indianapolis (IN): Self-published 204 pp.
- Milne, M.** and S. Davis. 2015. General Biology I: Introduction to the Diversity of Life, Laboratory Manual (V.1). Indianapolis (IN): Self-published 183 pp.
- Milne, M.**, K. Baker, K. Gribbins, and D. Stemke. 2015. General Biology II: Introduction to Cell Biology, Laboratory Manual (V.1). Indianapolis (IN): Self-published 202 pp.

HONORS, DISTINCTIONS, AND AWARDS

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| 2022 | Outstanding Scholar Award, University of Indianapolis |
| 2021 | Named a Ron and Laura Strain Honors Faculty Fellow, University of Indianapolis |
| 2019 | Teacher of the Year Nominee, University of Indianapolis |
| 2017 | Faculty Achievement Award, University of Indianapolis |
| 2010 | Outstanding Graduate Teaching Award for the Dept. of Biology at ODU |
| 2009 | Eugene P. Odum Award, Ecological Society of America (Southeastern Chapter) |
| 2009 | 1 st prize, ODU Biology Symposium |
| 2008 | Honorable Mention, ODU Research Expo |
| 2008 | 1 st prize, ODU Biology Symposium |
| 2007 | Honorable Mention, ODU Research Expo |
| 2007 | 1 st prize, ODU Biology Symposium |

SERVICE TO PROFESSION

Biological Inventories

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| 6/21/2022 | EcoBlitz through the Indiana Division of Natural Resources at Hoosier National Forest, Nebo Ridge Trail |
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- 6/4/2022 Beanblossom Bottoms bioblitz near Bloomington, IN through the Indiana Academy of Science (spider team leader)
- 6/19/2021 Mosquito Creek bioblitz near Corydon, IN through the Indiana Academy of Science (Bioblitz coordinator, spider team leader)
- 8/27/2020 Southwestway Park in Indianapolis, IN through Butler University (Insect and spider team leader)
- 6/29/2019 Poor Handmaids of Jesus Christ bioblitz in Donaldson, IN through the Indiana Academy of Science (Spider team leader)
- 6/2/2018 Eagle Creek Park bioblitz in Indianapolis, IN through the Indiana Academy of Science (Spider team leader)
- 6/10/2017 White River Woods and McVey Memorial Forest bioblitz near Muncie, IN through the Indiana Academy of Science (Spider team leader)
- 9/17/2016 Restoring Our Waterways bioblitz in Indianapolis (Spider team leader)
- 7/16/2016 EcoBlitz through the Indiana Division of Natural Resources at Morgan-Monroe State Park
- 6/18/2016 Goose Pond Fish and Wildlife Area Bioblitz through the Indiana Academy of Science (Spider team leader)
- 6/6/2015 EcoBlitz through the Indiana Division of Natural Resources at Morgan-Monroe State Park
- 5/16/2015 Hills of Gold Bioblitz through the Indiana Academy of Science at Glacier's End Forest Preserve (Spider team leader)
- 9/14/2014 EcoBlitz through the Indiana Division of Natural Resources at Morgan-Monroe State Park

Guest Curation Work

- 3/15 – 3/18/2018 Visited the Field Museum of Natural History in Chicago, IL to help curate their spider collection.
- 6/18 – 6/23/2018 Visited the Canadian National Collection in Ottawa, Canada to help curate their spider collection.
- 3/18 – 3/23/2019 Visited the Field Museum of Natural History in Chicago, IL to help curate their spider collection.
- 5/27 – 5/31/2019 Visited the Canadian National Collection in Ottawa, Canada to help curate their spider collection.
- 6/20 – 6/21/2019 Visited the Field Museum of Natural History in Chicago, IL to help curate their spider collection.
- 8/18 – 8/20/2022 Visited the Field Museum of Natural History in Chicago, IL to help curate their spider collection.

Journal Editorial Board Member

Proceedings of the Indiana Academy of Science: Zoology

Guest Editor

Southeastern Naturalist

Manuscript Reviewer

American Museum Novitates
Arthropod Systematics
Biodiversity Data Journal
Biological Invasions
Diversity
Ecological Restoration
Environmental Entomology
FEMS Microbiology Ecology
Journal of Arachnology
Journal of Cave and Karst Studies
Megataxa
Parasites and Vectors
PeerJ
Proceedings of the Royal Society B
Southeastern Naturalist
SpringerPlus
ZooKeys

Textbook Reviewer

Ecology: An Evolutionary Perspective

PROFESSIONAL MEMBERSHIPS AND POSITIONS

2004 – present	American Arachnological Society <ul style="list-style-type: none">• Vincent Roth Fund selection committee Chair: 2019 – present• Grants committee member: 2017 – present• Poster and presentation judge: 2018 – present
2008 – present	Entomological Society of America
2014 – present	Indiana Academy of Science <ul style="list-style-type: none">• President: 2022 - present• President-elect: 2021 - 2022• Biodiversity and Natural Areas Committee Chair: 2019 – 2021• Social Media Working Group: 2020 - 2022• Budget Committee: 2019 – present• Biodiversity and Natural Areas Committee member: 2015 - present• Senior Research Grant Committee: 2019 – 2021• Zoology and Entomology Section Chair: 2018 – 2019• Zoology and Entomology Section Vice-chair: 2017 – 2018
2014 – present	Indiana College Biology Teachers Association <ul style="list-style-type: none">• Media coordinator: 2015 - present
2015 – present	National Speleological Society

2015 – present	Indiana Karst Conservancy <ul style="list-style-type: none"> • Secretary: 2018 - 2021
2015 – present	Central Indiana Grotto
2015 – present	IUCN Spider and Scorpion Specialists Group
2016 – present	Alabama Cave Survey
2017 – present	Natural Areas Association
2019 – present	Indiana Natural Resources Commission science representative
2021 – present	Ecological Society of America
2004 – 2019	International Carnivorous Plant Society
2013 – 2014	North Carolina Science Olympiad <ul style="list-style-type: none"> • Event leader for “Designer Genes” event: 2013 – 2014
2007 – 2015	Association of Southeastern Biologists
2004 – 2010	Society of Wetland Scientists
2007 – 2010	Golden Key International Honour Society
2007 – 2008	American Mosquito Control Association

EXTRACURRICULAR UNIVERSITY SERVICE

2018 – 2019	Mentor of new faculty member, Dr. George Ricco.
2017, 2018	University of Indianapolis Honors Retreat Leader
2015 – 2019	University of Indianapolis Ice Hockey Club – Faculty Advisor
2004 – 2010	Old Dominion University Biology Graduate Student Association (President: 2007 – 2008; Treasurer: 2005 – 2006)
2007 – 2010	Old Dominion University Graduate Student Organization (Vice-President: 2008 – 2009)

COMMUNITY OUTREACH

2022	Volunteered at the “Arach-NO-phobia” station at BugFest 2022 at Southeastway Park.
2018	Visited Hanover College as a guest lecturer on spider anatomy and diversity for an Entomology course.
2017	Participated in Creepy Crawly Fest in Terre Haute by conducting a presentation and forest walk on local spider fauna.
2015	Participated in Decatur Township School for Excellence passage critique.
2015	Participated in Seymour Community School Bioblitz with elementary school students.
2007	“Strange Garden: A seminar on Virginia’s curious and fascinating native plants.” Portsmouth Courthouse Gallery Museum, May 19 th .

MEDIA COVERAGE

2019	Featured guest on Hoosier History Live, a radio show on WICR 88.7FM, to discuss spider research in Indiana.
2017, 2018	Research featured on the Great Lakes Research and Education Center Facebook page for my research done at the Indiana Dunes National Lakeshore.

- 2018 Research on a new species of spider (*Islandiana lewisi*) featured on television on WGN Chicago morning news and PBS, on the radio by PBS/NPR Bloomington, in print in IndyStar, and online by CBC News Canada, Gizmodo, Phys.org, Yahoo.com, FOX News, Smithsonian Magazine, Iflscience, and other similar websites.
- 2016 Research featured online at FOX News, Yahoo! News, Washington Times, FOX59, TV6ABC, 93.1FM WIBC, and in print in Outdoor Indiana magazine and IndyStar, and on the radio and TV for public news WTIU.
- 2016 Research featured on Hardwood Ecosystem Experiment's website: <https://www.purdue.edu/fnr/hee/research-activities/#spiders>.
- 2016 Research featured in the Summer 2016 issue of the "Forest Defender," the newsletter for the Indiana Forest Alliance.
- 2016 Interviewed by Herald-Times (Bloomington) about Goose Pond Bioblitz.
- 2016 Featured on WTWO NBC / WAWV ABC news for participation in the Goose Pond Bioblitz
- 2015 1400 Magazine: "Discovering new species of invertebrates: spiders, millipedes, pseudoscorpions." Online at: <https://1400.uindy.edu/2015/06/23/discovering-new-species-of-invertebrates-spiders-millipedes-pseudoscorpions/>
- 2015 UIndy News: "Prof's cave crawl turns up new spider species." Online at: <http://news.uindy.edu/2015/06/15/profs-cave-crawl-turns-up-new-spider-species/>
- 2015 Newspaper article: "From birds to butterflies, it's science alive." On the front page of "The Tribune" of Jackson County, Indiana.
- 2008 Carnivorous Plants of North Carolina, Heart of the High Country (Highlands, NC, local TV show)

ADDITIONAL TRAINING

- 6/2016 IUCN Red List Assessment Training Workshop, Colorado School of Mines, Golden, CO
- 9/2014 F.A. Davis Company Webinar: Teaching Basic Study Skills
- 9/2013 iDigBio Invertebrate Imaging Workshop, University of Michigan, Ann Arbor, MI
- 4/2011 iPlant Faculty Workshop on DNA barcoding and analysis, NC A&T University, Greensboro, NC

NON-PEER-REVIEWED PUBLICATIONS

- Milne, M.** 2017. Species surveys within the Garrison Chapel Karst Area hint at high species richness. Indiana Karst Conservancy Update: No. 126.

NON-TEACHING WORK

- 2016 – 2017 Arthropod Taxonomist, Dept. of Biology, University of Florida, Gainesville, FL
- 2016 Arthropod Taxonomist, Dept. of Biology, High Point University, High Point, NC

2007 – 2009 Biology Research Assistant, Old Dominion University, Department of Biology: Research consisted of studying the effect of long and short-distance lures in the attraction of the triatomine bugs *Triatoma dimidiata* and *Rhodnius prolixus*.

6/2006 – 8/2006;
6/2005 – 8/2005 Vector Control Assistant Biologist, Department of Public Health, City of Norfolk, Norfolk, VA

1/2003 – 7/2004 Extraction and Gas Chromatography Specialist, Advanced Environmental Labs, Jacksonville, FL

REFERENCES

- Dr. Robb Bennett (robb.bennett@shaw.ca): Research Associate at the Royal British Columbia Museum, specialist in western North American spider taxonomy.
- Dr. Glené Mynhardt (mynhardt@hanover.edu): Associate Professor of biology at Hanover College, Indiana, specialist in beetle taxonomy and ecology.
- Dr. Michael L. Draney (draneym@uwgb.edu): Professor of Biology and chair of biology department at University of Wisconsin-Green Bay, specialist in eastern North American linyphiid spider ecology and taxonomy.
- Dr. Julian J. Lewis (lewisbioconsult@gmail.com): Independent subterranean biological consultant in Indiana, leading North American specialist in isopod taxonomy.