

## Selected Recent Publications with Relevance to the Trichoptera of the Nearctic Region

### 2020

- Bowles, D. E. (2020). Caddisfly (Insecta: Trichoptera) diversity in the Ozarks and tallgrass prairie transitional zone, Arkansas and Missouri, USA. *Ecoscience*, 27(3), 223-234.
- Bowles, D. E., Cheri, C., Usrey, F. D., & Williams, J. M. (2020). Caddisflies (Trichoptera) of the Buffalo National River, Arkansas. *Insecta Mundi*, 770, 1-17.
- Gerth, W. J., Kerst, C. D., Ruiter, D. E., & Wisseman, R. W. (2020). *Plectrocnemia crassicornis* (Walker, 1852)(Trichoptera: Polycentropodidae), pertinent literature, and first records from Oregon, USA. *The Pan-Pacific Entomologist*, 96(2), 93-97.
- Gonzales, L. E. R. (2020). *Phylogenomics of the Caddisfly Genus Smicridea, with a Taxonomic Revision of the S. nigripennis Species Group (Trichoptera: Hydropsychidae)*. Ph.D. dissertation, University of Minnesota.
- Houghton, D. (2020). New state species records and noteworthy re-captures of Michigan (USA) Trichoptera. *The Great Lakes Entomologist*, 53(1), 7.
- Houghton, D. C., & Lardner, R. (2020). Ash-free dry mass values for northcentral USA caddisflies (Insecta, Trichoptera). *ZooKeys*, 951, 37.
- Jain, A., Rasmussen, A. K., Milla, K. A., Richard, B. A., & Pescador, M. L. (2020). Water chemistry and aquatic insect assemblages of ephemeral ponds in the Munson Sand Hills region of the Apalachicola National Forest, Florida. *Southeastern Naturalist*, 19(2), 205-232.
- Lonsdale, O. (2020). Name-bearing type specimens of Trichoptera (Insecta) in the Canadian National Collection of Insects, Arachnids & Nematodes (CNC), with a biography of Fernand Schmid. *Opuscula Zoologica Instituti Zoosystematici et Oecologici Universitatis Budapestinensis*, 51.
- Metcalfe, A. N., Kennedy, T. A., Marks, J. C., Smith, A. D., & Muehlbauer, J. D. (2020). Spatial population structure of a widespread aquatic insect in the Colorado River Basin: Evidence for a *Hydropsyche oslari* species complex. *Freshwater Science*, 39(2), 000-000.
- Miller, S. W., Schroer, M., Fleri, J. R., & Kennedy, T. A. (2020). Macroinvertebrate oviposition habitat selectivity and egg-mass desiccation tolerances: Implications for population dynamics in large regulated rivers. *Freshwater Science*, 39(3), 584-599.
- Murray-Stoker, K. M., Batzer, D. P., Murray-Stoker, D., & McHugh, J. V. (2020). Shifts in the community composition of caddisflies (Insecta: Trichoptera) in a subtropical river over three decades. *Ecological Entomology*, 45(3), 514-524.
- Orfinger, A. B., & Etnier, D. A. (2020). *Polycentropus dinkinsorum* (Trichoptera: Polycentropodidae), a newly described caddisfly species from the southern Appalachian Mountains, USA. *Zootaxa*, 4853(1), 126-132.
- Pentinsaari, M., Blagoev, G. A., Hogg, I. D., Levesque-Beaudin, V., Perez, K., Sobel, C. N., . . . Borisenko, A. (2020). A DNA Barcoding Survey of an Arctic Arthropod Community: Implications for Future Monitoring. *Insects*, 11(1), 46.
- Stagliano, D. (2020). Clark Fork River Biomonitoring: Macroinvertebrate Community Assessments for 2019. Montana Biological Survey/Stag Benthics, report submitted to U.S. Environmental Protection Agency, Region 8.
- Surber, L., & Wilcox, J. T. (2020). Larvae of the caddisfly, *Nerophilus californicus* Banks, 1899 (Trichoptera: Odontoceridae), as scavengers of an American bullfrog, *Lithobates catesbeianus* Shaw, 1802 (Anura: Ranidae), carcass. *The Pan-Pacific Entomologist*, 96(1), 1-6.

Weaver, J. S. (2020). A phylogenetic review of the species groups of *Phylocentropus* Banks (Trichoptera: Dipseudopsidae). *Zoosymposia*, 18(1), 143-152.

## **2019**

- Bolton, M. J., Macy, S. K., Dewalt, R. E., & Jacobus, L. M. (2019). New Ohio and Indiana Records of Aquatic Insects (Ephemeroptera, Plecoptera, Trichoptera, Coleoptera: Elmidae, Diptera: Chironomidae). *Ohio Biological Survey Notes*, 9, 1--15.
- Frandsen, P. B., Bursell, M. G., Taylor, A. M., Wilson, S. B., Steeneck, A., & Stewart, R. J. (2019). Exploring the underwater silken architectures of caddisworms: comparative silkomics across two caddisfly suborders. *Philosophical Transactions of the Royal Society B*, 374(1784), 20190206.
- Fusaro, A. J., McCulloch, B., Petrella, S., & Willis, V. (2019). Discovery, dispersal, and genetic diversity of *Rhyacophila lobifera* Betten, 1934 (Trichoptera: Rhyacophilidae) in southeast Michigan, USA. *Zoosymposia*, 14(1), 177-188.
- Harris, S. C., & Rasmussen, A. K. (2019). Review of the *Orthotrichia* (Trichoptera: Hydroptilidae) of Florida, with descriptions of previously unknown females of three species. *Zoosymposia*, 14(1), 215-230.
- Hurn, A. D., & Benstead, J. P. (2019). Seasonal changes in light availability modify the temperature dependence of secondary production in an Arctic stream. *Ecology*, 100(6), e02690.
- Kremer, L. (2019). *Thermal Limits and Resilience of Hydropsyche oslari* (Banks) (Trichoptera: Hydropsychidae) in Fire-affected Upper Montane Grassland Streams. M.S. thesis, New Mexico State University.
- Mabee, W., Schuhmann, A., Poulton, B. C., Gironde, J., Swee, W., Buckley, T., . . . Rhodes, R. (2019). Reaffirmed occurrence of two vulnerable caddisfly species of conservation concern. *MDC Resource Science Notes*, 14(1).
- Mendez, P. K., Myers, M. J., Damerow, J. E., Lew, C., & Resh, V. H. (2019). Species occurrence and distribution of Trichoptera (caddisflies) in California. *Zoosymposia*, 14(1), 113-133.
- Mendez, P. K., Spagna, J. C., Holzenthal, R. W., & Houghton, D. C. (2019). PREFACE: Proceedings of the 15th International Symposium on Trichoptera. *Zoosymposia*, 14(1), 6-15.
- Morse, J. C., Frandsen, P. B., Graf, W., & Thomas, J. A. (2019). Diversity and ecosystem services of Trichoptera. *Insects*, 10(5), 125.
- Morse, J.C., Holzenthal, R. W., Robertson, D. R., Rasmussen, A. K. & Currie, D. C. (2019). Trichoptera. Pp. 585-784 In Merritt, R.W., K.W. Cummins, and M.B. Berg (eds.), An Introduction to the Aquatic Insects of North America, 5th edition. Kendall-Hunt Publishing Company.
- Oláh, J., Andersen, T., Beshkov, S., Bilalli, A., Coppa, G., & Kovács, T. (2019). Lineage sorting by parameres in Limnephilinae subfamily (Trichoptera): with description of a new tribe, new genera and new species. *OPUSCULA ZOOLOGICA (BUDAPEST)*, 50, 3-98.
- Orfinger, A. B. (2019). Transfer of *Polycentropus harpi* Moulton and Stewart to *Plectrocnemia* Stephens (Trichoptera: Polycentropodidae). *Insecta Mundi*, 718, 1-2.
- Robinson, J. L., & Parker, C. R. (2019). *Rhyacophila dandaganu*, a new caddisfly from the southern Cumberland Plateau (USA) (Trichoptera: Rhyacophilidae). *Zoosymposia*, 14(1), 261-272.
- Roble, S. M. F. J., O.S.; Harris, S.C. (2019). New Virginia records of Trichoptera and Neuroptera (Insecta). *Banisteria*, 52, 42-45.
- Ruiter, D., & Mutch, R. (2019). *Montiphylax*, (Trichoptera, Limnephilidae), a new genus to accommodate the western North American species: *Stenophylax antennatus* Banks, 1900, *Philocasca thor* Nimmo, 1971, and *Philocasca alba* Nimmo, 1977. *ZooKeys*, 845, 153-180.
- Ruiter, D. E., & Nishimoto, H. (2019). New species of *Allomyia* Banks from the Western United States (Trichoptera: Apataniidae). *Zoosymposia*, 14(1), 273-288.

- Sheffield, C., deWaard, J., Morse, J., & Rasmussen, A. (2019). Trichoptera of Canada. *The Biota of Canada—A Biodiversity Assessment. Part, 1*, 507-520.
- Weaver, D., Spagna, J. C., & Mendez, P. K. (2019). Phylogenetics of a small caddisfly genus (Thremmatidae: *Oligophlebodes*): comparison among multiple hypotheses from DNA barcode data. *Zoosymposia*, *14*(1), 193-203.
- Wrege, C. F., & Morse, J. C. (2019). Females of southeastern United States species of *Brachycentrus* Curtis, 1984 (Trichoptera: Brachycentridae). *Aquatic Insects*, *40*(3), 196-206.

## **2018**

- Claeson, S. M., Crisafulli, C. M., & Gerth, W. J. (2018). Diversity of Large-Bodied Macroinvertebrates in Ponds Created on the Debris-Avalanche Deposit Following the 1980 Eruption of Mount St. Helens *Ecological Responses at Mount St. Helens: Revisited 35 years after the 1980 Eruption* (pp. 235-249): Springer.
- Friedrich, F., & Kubiak, M. (2018). Comparative anatomy of pupal tarsi in caddisflies (Insecta: Trichoptera) with focus on the claw system. *Zoomorphology*, *137*(2), 305-314.
- Genco, M. S. (2018). *Description and Diagnosis of Associated Larvae and Adults of Vietnamese and South Carolina Caddisflies (Trichoptera)*. M.S. thesis, Clemson University.
- Givens, D. R. (2018). The Nearctic *Ecclisomyia* species (Trichoptera: Limnephilidae). *Zootaxa*, *4413*(2), 201-259.
- Hjalmarsson, A., Graf, W., Jähnig, S., Vitecek, S., & Pauls, S. (2018). Molecular association and morphological characterisation of *Himalopsyche* larval types (Trichoptera, Rhyacophilidae). *ZooKeys*(773), 79-108.
- Holzenthal, R. W., & Rios-Touma, B. (2018). *Nectopsyche* of Ecuador: a new species from the high Andean páramo and redescription of *Nectopsyche spiloma* (Ross)(Trichoptera: Leptoceridae). *PeerJ*, *6*, e4981.
- Houghton, D. C., DeWalt, R. E., Pytel, A. J., Brandin, C. M., Rogers, S. E., Ruitter, D. E., . . . Armitage, B. J. (2018). Updated checklist of the Michigan (USA) caddisflies, with regional and habitat affinities. *ZooKeys*, *730*, 55.
- Park, K. A. (2018). *Wastewater Treatment Plant Influences on Macroinvertebrate Assemblage, Functional Feeding Groups, and Productivity*. M.S. thesis, Appalachian State University.
- Tozer, W. (2018). A preliminary checklist of the caddisflies of Broome County, New York (Trichoptera). *Entomologica Americana*, *124*(1), 31-34.
- Wissinger, S. A., Perchik, M. E., & Klemmer, A. J. (2018). Role of animal detritivores in the breakdown of emergent plant detritus in temporary ponds. *Freshwater Science*, *37*(4), 826-835.

## **2017**

- Evans, R., Floyd, M., Etnier, D., Cook, C., & Vogel, M. (2017). New Records of Caddisflies (Insecta: Trichoptera) from Kentucky. *Entomological News*, *127*(2), 117-122.
- Flint Jr, O. S. (2017). More Caddisfly Species (Insecta: Trichoptera) New to, or Noteworthy Records from, The State of Virginia. *Proceedings of the Entomological Society of Washington*, *119*, 737-740.
- Genco, M. S., & Morse, J. C. (2017). Pupae of North American Glossosomatidae (Trichoptera). *Freshwater Science*, *36*(4), 816-822.
- Hunt, A. S. (2017). List of Rhode Island caddisflies (Trichoptera) with new records from Block Island. *Entomological News*, *127*(2), 107-111.
- Morse, J.C., Holzenthal, R.W., Yadamsuren, O. (2017). Chapter 4 Trichoptera *In: Morse, J. C., McCafferty, W. P., Stark, B. P., & Jacobus, L. M. (Eds) Larvae of the Southeastern USA Mayfly, Stonefly, and Caddisfly Species:(Ephemeroptera, Plecoptera, and Trichoptera)* (pp. 248-442). Clemson Public Service and Agriculture, Clemson University.
- Peterson, M. G., O'Grady, P. M., & Resh, V. H. (2017). Phylogeographic comparison of five large-bodied aquatic insect species across the western USA. *Freshwater Science*, *36*(4), 823-837.

Robinson, J. L., Wetzel, M. J., & Tiemann, J. S. (2017). Some Phoretic Associations of Macroinvertebrates on Transplanted Federally Endangered Freshwater Mussels. *Northeastern Naturalist*, 24(4), N29-N34.

## **2016**

- Denson, D. R., Rasmussen, A. K., & Harris, S. C. (2016). Caddisflies (Insecta: Trichoptera) of the Chipola River basin in Florida and southeast Alabama, USA: a faunistic survey. *Check List*, 12(4), 1936.
- DeWalt, R. E., South, E. J., Robertson, D. R., Marburger, J. E., Smith, W. W., & Brinson, V. (2016). Mayflies, stoneflies, and caddisflies of streams and marshes of Indiana Dunes National Lakeshore, USA. *ZooKeys*, (556), 43.
- Flint JR, O. S., Floyd, M. A., & Moulton, J. K. (2016). A new species of *Oecetis* McLachlan (Trichoptera, Leptoceridae) from the Sandhills region of South Carolina, USA. *Zoosymposia*, 10(1), 188-192.
- Harris, S. C., & Flint JR, O. S. (2016). New species of microcaddisflies (Trichoptera: Hydroptilidae) from the western United States, Canada, Mexico, and Belize. *Insecta Mundi*, 0499, 1-22.
- Houghton, D. C. (2016). The caddisflies (Trichoptera) of an undisturbed Lower Michigan habitat. *The Great Lakes Entomologist*, 49, 41-54.
- Kerst, C. (2016). *Rhyacophila haddocki*: A rare find. *Bulletin of the Oregon Entomological Society*, 2016(3), 3.
- Lee, J. J. (2016). *Farula klahhane* sp. nov. (Trichoptera: Uenoidae) from Olympic National Park, Washington, USA. *The Pan-Pacific Entomologist*, 92(3), 127-132.
- Lund, J. O., Wissinger, S. A., & Peckarsky, B. L. (2016). Caddisfly behavioral responses to drying cues in temporary ponds: implications for effects of climate change. *Freshwater Science*, 35(2), 000-000.
- Melnitsky, S. I., & Ivanov, V. D. (2016). Structure of the antennal sensilla in the genera *Molanna* and *Molannodes* (Trichoptera, Molannidae). *Zoosymposia*, 10(1), 292-300.
- Ruiter, D. E., & Harris, S. C. (2016) ("2015"). New *Ochrotrichia* Mosely, 1934 (Trichoptera: Hydroptilidae) from Western North America. *The Pan-Pacific Entomologist*, 91(4), 318-336.
- Tarter, D. C., & Floyd, M. A. (2016). A Revised Checklist of the Caddisflies (Insecta: Trichoptera) of West Virginia. *Entomological News*, 126(3), 175-190.
- Zhou, X., Frandsen, P. B., Holzenthal, R. W., Beet, C. R., Bennett, K. R., Blahnik, R. J., ... & Collins, G. E. (2016). The Trichoptera barcode initiative: a strategy for generating a species-level Tree of Life. *Phil. Trans. R. Soc. B*, 371(1702), 20160025.

## **2015**

- Brakel, K., Wassink, L. R., & Houghton, D. C. (2015). Nocturnal flight periodicity of the caddisflies (Trichoptera) in forest and meadow habitats of a first order Michigan stream. *Great Lakes Entomol.*, 48, 34-44.
- Cavallaro, M. C., Vivian, L. A., & Hoback, W. W. (2015). Aquatic vertebrate predation threats to the Platte River caddisfly (Trichoptera: Limnephilidae). *Florida Entomologist*, 98(1), 152-156.
- DeWalt, R. E., & South, E. J. (2015). Ephemeroptera, Plecoptera, and Trichoptera on Isle Royale National Park, USA, compared to mainland species pool and size distribution. *ZooKeys*, (532), 137.
- Givens, D. R. (2015). *Parapsyche* species (Trichoptera: Hydropsychidae: Arctopsychinae) of western North America. *Zootaxa*, 4057(4), 451-489.
- Givens, D. R., & Ruiter, D. E. (2015). Clarification of the taxonomic status and distribution of *Arctopsyche inermis* Banks, 1943 and *Arctopsyche ladogensis* (Kolenati, 1859)(Trichoptera: Hydropsychidae: Arctopsychinae). *Pan-Pacific Entomologist*, 91(2), 192-195.
- Harris, S. C., & O'Neil, P. E. (2015). Trichoptera of the Mobile-Tensaw River Delta, Alabama, with description of the female of *Phylocentropus harrisi* and notes on other aquatic fauna. *Geological Survey of Alabama Bulletin* 184, 1-95.
- Hoemsen, B. M., Phillips, I. D., Parker, D. W., Bell, A. J., Bergsveinson, J. A., Armstrong, J. S., & Chivers, D. P. (2015). Extended family: a caddisfly new to Saskatchewan, Canada with notes on the life history of *Neophylax splendens* (Trichoptera: Thremmatidae). *The Canadian Entomologist*, 147(4), 425-431.
- Houghton, D. C. (2015). A 5-Year Study of the Adult Flight Periodicity of 27 Caddisfly (Trichoptera) Species in Forest and Meadow Habitats of a First-Order Lower Michigan (USA) Stream.
- Keth, A. J., Harris, S. C., & Armitage, B. J. (2015). The genus *Neotrichia* Morton (Trichoptera: Hydroptilidae) in North America, Mexico, and the Caribbean islands, v + 147 pp., The Caddis Press, Columbus, Ohio.

- Muñoz-Quesada, F. J., & Holzenthal, R. W. (2015). Revision of the Neotropical species of the caddisfly genus *Wormaldia* McLachlan (Trichoptera: Philopotamidae). *Zootaxa*, 3998(1), 1.
- Simon, T. P., Morris, C. C., Robb, J. R., & McCoy, W. (2015). Biological diversity, ecological health and condition of aquatic assemblages at national wildlife refuges in southern Indiana, USA. *Biodiversity Data Journal*, (3).
- Thomson, R. E., & Holzenthal, R. W. (2015). A revision of the Neotropical caddisfly genus *Leucotrichia* Mosely, 1934 (Hydroptilidae, Leucotrichiinae). *ZooKeys*, (499), 1.

## **2014**

- Blahnik, R. J., & Holzenthal, R. W. (2014). Review and redescription of species in the *Oecetis avara* group, with the description of 15 new species (Trichoptera, Leptoceridae). *ZooKeys*(376), 1.
- Cushman, R. M. (2014). Biogeography of the caddisfly genus *Arctopsyche* McLachlan, 1868 (Trichoptera: Hydropsychidae) in North America. *Pan-Pacific Entomologist*, 90(4), 174-181.
- Flint JR, O. S. (2014). Caddisfly species new to, or rarely recorded from, the state of Virginia (Insecta: Trichoptera). *Banisteria*, 43, 89-92.
- Givens, D. R. (2014). An annotated list of Caddisflies (Trichoptera) collected in Lassen Volcanic National Park, California, USA during 2011-2013. *Entomological News*, 124(3), 153-175.
- Houghton, D. C., & Shoup, L. (2014). Seasonal changes in the critical thermal maxima of four species of aquatic insects (Ephemeroptera, Trichoptera). *Environmental Entomology*, 43(4), 1059-1066.
- Ito, T., Wisseman, R. W., Morse, J. C., Colbo, M. H., & Weaver III, J. S. (2014). The genus *Palaeagapetus* Ulmer (Trichoptera, Hydroptilidae, Ptilocolepinae) in North America. *Zootaxa*, 3794(2) 201-221.
- Kendrick, M. R., & Huryn, A. D. (2014). The plecoptera and trichoptera of the Arctic North Slope of Alaska. *Western North American Naturalist*, 74(3), 275-285.
- Lee, J. J., & Giersch, J. J. (2014). A new species in the *Rhyacophila vagrita* group (Trichoptera: Rhyacophilidae) from Olympic National Park, Washington, USA. *The Pan-Pacific Entomologist*, 90(2), 53-56.
- Ruiter, D. E., Baumann, R. W., & Flint Jr, O. S. (2014). Studies on the caddisfly (Trichoptera) fauna of Nevada. *The Pan-Pacific Entomologist*, 90(1), 23-32.