

**PEER-REVIEWED JOURNAL ARTICLES, BOOK CHAPTERS,  
AND SYMPOSIUM PROCEEDINGS  
BASED ON MARYLAND BIOLOGICAL STREAM SURVEY DATA**

(updated 05/30/13)

(in alphabetical order by lead author last name)

**Published Journal Articles, Book Chapters, and Symposium Proceedings**

Ashton, M.J. and P.J. Ciccotto. 2010. First records of the invasive Oriental Weatherfish (*Misgurnus anguillicaudatus*) in Maryland---Northeastern Naturalist 17(4): 671-672.

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Ashton, M.J. and T.J. Near. (2010). Threatened fishes of the world: *Percina bimaculata* Haldeman 1842 (Percidae: Etheostomatinae). *Environmental Biology of Fishes* 88:37-38.

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Barker, L.S., G.K. Felton, and E. Russek-Cohen. 2006. Use of Maryland Biological Stream Survey data to determine effects of agricultural riparian buffers on measures of biological stream health. *Environmental Monitoring and Assessment* 117:1-19.

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Bressler, D.W., M.J. Paul, A.H. Purcell, M.T. Barbour, E.T. Rankin, and V.H. Resh. 2009. Assessment tools for urban catchments: Developing stressor gradients. *Journal of the American Water Resources Association* 45(2):291-305.

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Ciccotto, P.J. 2011. Water chemistry and landscape patterns in the distribution of banded sunfish (*Enneacanthus obesus*) in streams of the Atlantic Coastal Plain in Maryland. *Copeia* 2011(3):463-469.

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<http://www.ingentaconnect.com/content/klu/ebfi/2011/00000092/00000002/00009823>

Graves, P.H. III and P.J. Ciccotto. 2011. The nymphal Odonate fauna of two watersheds in the lower Potomac River basin, Maryland, with emphasis on rare taxa. *Northeastern Naturalist* 18(4):445-456.

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Hall, L.W. Jr., M.C. Scott, W.D. Killen, and R.D. Anderson. 1996. The effects of land use characteristics and acid sensitivity on the ecological status of Maryland coastal plain streams. *Environmental Toxicology and Chemistry* 15(3): 384-394.

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habitat and American eel abundance in five river basins in Maryland.  
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### **Manuscripts in Press, In Review, or In Preparation**

- Ashton, M.J. (In Preparation). How a state-wide stream survey can aid in understanding freshwater mussel (*Bivalvia: Unionidae*) ecology: examples of utility and limitations from Maryland. *Freshwater Mollusks Conservation Society*.
- Bressler, D.B., M.J. Paul, and J.B. Stribling. (In Preparation/Review). Development of stream tolerance values for benthic macroinvertebrates in Maryland.
- Paul, J.F. (In Press). Public health and ecological interconnectivity: a conditional probability approach associating degradation of streams and infant mortality. *Environmental Health Perspectives*.
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- Strain, G.F., R.L. Raesly, and R.H. Hildebrand. (In Press). A comparison of techniques to sample salamander assemblages along highland streams in Maryland. *Environmental Monitoring and Assessment*.
- Stribling, J.B., E. L. Leppo, and J. Diamond (In Preparation). Performance characteristics and comparability analysis for biological assessments.
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