

<b>Abbreviated Citation</b>	Poff et al. (2006)
<b>Full Citation</b>	Poff, N.L., J.D. Olden, N.K.M. Vieira, D.S. Finn, M.P. Simmons, and B.C. Kondratieff. 2006. Functional trait niches of North American lotic insects: traits-based ecological applications in light of phylogenetic relationships. <i>Journal of the North American Benthological Society</i> 25(4):730-755 (Trait Matrix, Appendix)
<b>Description</b>	The Traits Matrix in the Appendix of this journal article provides information on 20 traits (in 59 trait states) that span four broad categories of trait groups (life history, morphological, mobility, and ecological) for 311 taxa from 75 families. Each trait has anywhere from 2 to 6 trait states. Each taxonomic unit is assigned to only one trait state, based on literature and expert opinion. The traits information in the Traits Matrix was cross-referenced with the USGS (Vieira et al. 2006) traits database. This database is in a format that can be readily analyzed.
<b>Tolerance Calculations</b>	not applicable
<b>Published</b>	yes (journal article)
<b>Highest Level of Taxonomic Resolution</b>	genus
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<b>Data Integration Notes</b>	Categorical text was used instead of numbers (based on information in Table 1). Thermal preference categories were adapted to fit the USGS (2006) format, so that 'cold stenothermal or cool eurythermal' = Cold-cool eurythermal (0-15°C); 'cool / warm eurythermal' = No strong preference; and 'warm eurythermal' = Warm eurythermal (15-30°C).