

<b>Abbreviated Citation</b>	USGS (2006)
<b>Full Citation</b>	Vieira, N.K.M., N.L. Poff, D.M. Carlisle, S.R. Moulton II, M.K. Koski, and B.C. Kondratieff. 2006. A database of lotic invertebrate traits for North America: U.S. Geological Survey Data Series 187. Available at: <a href="http://pubs.water.usgs.gov/ds187">http://pubs.water.usgs.gov/ds187</a>
<b>Description</b>	In 2006, the U.S. Geological Survey (USGS) published a database of lotic invertebrate traits for North America. This was a collaborative effort between the USGS National Water-Quality Assessment Program and Colorado State University. This database represented the first comprehensive summary of traits for North American invertebrate taxa and the first effort to compile this trait information in a web-accessible database. The trait information was gathered from over 3,000 keys, texts, peer-reviewed publications, and reports on North American aquatic invertebrates. Traits were grouped into four general categories: ecology, morphology, behavior, or physiology. Trait states were established based on the types of information available in the literature and were expressed in categorical, binary, and quantitative terms. The traits could be mutually exclusive (only one or the other) or co-occurring (more than one trait state is appropriate and is therefore listed). Species-level resolution was used, but the focus and quality assurance efforts were concentrated on genus and family-level trait summaries.
<b>Tolerance Calculations</b>	not applicable
<b>Published</b>	yes (USGS Data Series)
<b>Highest Level of Taxonomic Resolution</b>	species
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<b>Data Integration Notes</b>	Jen Stamp (Tetra Tech) added in abbreviated entries (where applicable) for maximum body size, body shape, armoring, primary feeding group, and habit. Original data were not modified.