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NOTE

Baetis jesmondensis McDunnough, a New Junior Synonym of *Baetis tricaudatus* Dodds (Ephemeroptera: Baetidae)

In their revision of the Nearctic *Baetis* species, Morihara and McCafferty (1979. Trans. Am. Entomol. Soc. 105: 139–221) inadvertently omitted *Baetis jesmondensis* McDunnough from their account of species synonymies. They had found the species equivalent to *Baetis tricaudatus* based on an examination of the type material and larvae tentatively assigned to *B. jesmondensis*. Our recent rediscovery and review of this material leads to the same conclusion, fully substantiating the previous conclusion of Morihara and McCafferty.

Members of the Holarctic *Baetis rhodani* species group, to which *B. tricaudatus* and *B. jesmondensis* belong, demonstrate considerable morphological variation with respect to developmental temperature gradients and geographic distribution. The adult types of *B. jesmondensis* are clearly within the known range of variation of *B. tricaudatus*.

Furthermore, our examination of numerous larval series from the northwestern United States and southwestern Canada, including those assumed to be *B. jesmondensis* and taken from its type locality, showed that all larvae fell within the concept of *B. tricaudatus*. All of these data lead us to reaffirm that the two names are synonymous. We therefore designate *B. jesmondensis* McDunnough as a junior synonym of *Baetis tricaudatus* Dodds, New Synonym.

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