NEW RECORD AND RANGE EXTENSION FOR RHYACOPHILA WALLOWA (TRICHOPTERA: RHYACOPHILIDAE) FROM ROCKY MOUNTAIN NATIONAL PARK, COLORADO

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ABSTRACT: Rhyacophila wallowa is reported for the first time from Colorado. This record represents a southeastern extension of the known range of the species. Current state distribution records of R. wallowa include OR, CA, WA, MT, ID, WY, UT and CO.

Three adult males of Rhyacophila wallowa Denning were collected in Rocky Mountain National Park (RMNP), Larimer County, Colorado, on 3 August 1984. The specific collection site in RMNP was at the confluence of Fall River and Chiquita Creek at an altitude of 2640 m amsl (8660 ft amsl) in T5N, R74W, S11 on the east side of the Continental Divide. The three adults were collected by the author with a standard sweep net at sunset. This is the first reported record of R. wallowa from Colorado.


The first published record from Colorado represents a southeastern extension of the known range of R. wallowa; it also represents the sixteenth species of Rhyacophila to be reported from Colorado (Herrmann, Ruiter and Unzicker 1986). Other species of Trichoptera collected simultaneously with R. wallowa at the Fall River (RMNP) site included: Rhyacophila hyalinata Banks, Rhyacophila harmnstoni Ross, Ecclisomyia maculosa Banks, Oligophlebodes minuta (Banks), Onocosmoeus unicolor (Banks), Agrypnia deflecta (Milne) and Hydropsyche oshari Banks. Ruiter and Lavigne (1985) stated that little is known about the habits of this species. At the RMNP collection site Fall River is classified as a cold, lower montane, second-order stream and Chiquita Creek as a cold,
lower montane, first-order stream.

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LITERATURE CITED


