

Publication Announcement

On October 23, 1985 the long awaited study by Rebecca F. Surdick, Nearctic Genera of Chloroperlinae (Plecoptera: Chloroperlidae) was published by the University of Illinois Press. This is her doctoral dissertation written at the University of Utah under the direction of Arden R. Gaufin and Geroge F. Edmunds, Jr.

She includes ten genera in three tribes, one of which is described as new, *Plumiperla*. *Hastaperla* is correctly changed to *Haploperla* and *Chloroperla ovibovis* is listed as *Chloroperla* (S.L.).

Keys are provided for males, females and nymphs to the generic level. Excellent illustrations compliment the keys and text and make it a very useful tool. Habitus drawings are given for each genus but the most useful figures are those of the details of the nymphal mouthparts, thoracic terga and cerci. Also of special value are detailed drawings of the male genitalia, including the aedeagus.

A partial phylogeny is provided for the included genera which delineates the tribes and separates the genera in the Alloperlini and Suwalliini. The tribe Chloroperlini is discussed and character states are listed along with indications regarding relative apomorphy and pleisomorphy.

Historical biogeography is discussed in an interesting section, which of necessity, is based primarily on the North American fauna. The ideas given are a starting point for further studies in the subfamily.

Copies can be obtained for \$14.95 from the University of Illinois Press. A complete reference and mailing address follows:

Surdick, Rebecca F. 1985. Nearctic Genera of Chloroperlinae (Plecoptera:Chloroperlidae). Illinois Biological Monographs, 54:146pp.

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