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RECORDS OF STONEFLIES (PLECOPTERA) FROM NEVADA:

Mary R. Cather, Bill P. Stark, and Arden R. Gaufin

ABSTRACT.—Distributional data are presented for 13 species of Nevada stoneflies including eight species new to the state list. A checklist of 30 species confirmed for Nevada is included.

The Nevada stonefly fauna has received scant attention from collectors working the intermountain region. A review of the literature reveals 22 species recorded from the state, most of these without specific distributional data.

We are reporting eight additional species, Pteronarcy's princeps Banks, Isoperla fulva Claassen, Isoperla patricia Frison, Hesperoperla pacifica (Banks), Utaperla sopladora Ricker, Alloperla severa Hagen, Sweltsa coloradensis (Banks) and Malenka tina (Ricker). Distributional data are presented for these species as well as new records for species previously reported.

We thank R. W. Baumann, U. S. National Museum, for species records.

Pteronarcella badia (Hagen).—New Records: Humboldt Co., Cottonwood Creek near Paradise Valley, 30-VII-68, nymphs.


Pteronarcy's princeps Banks.—Distribution: Elko Co., Franklin River, Highway 11, 19-IX-57, G. F. Edmunds, Jr., and R. K. Allen, nymph; Lander Co., Big Creek, 9-IX-54, T. C. Frantz, nymphs; Big Creek, Big Creek Campground, 14-VI-74, B. P. Stark, 18 ♀ 11 ♂, nymphs.


Doroneuria baumannii Stark and Gaufin.—New Records: Lander Co., Big Creek, Big Creek Campground, 14-VI-74, B. P. Stark, nymphs; Nye Co., South Twin River, 10-VII-74, T. C. Frantz, nymphs; Ophir Creek, 4-X-54, T. C. Frantz, nymphs.

Hesperoperla pacifica (Banks).—Distribution: Elko Co., Willow Creek, 10-I-65, C. Murvosh, nymph; Secret Creek, Highway 11, 15-VI-74, B. P. Stark, 2 ♀; Secret Creek, Secret Pass, 15-VI-74, B. P. Stark, 1 ♀ 1 ♂; Lamoille Creek, 2 miles above Camp Lamoille, 6-VII-74, M. and E. Cather, 1 ♀, nymphs.


Sweltsa coloradensis (Banks).—Distribution: Elko Co., Secret Creek, Secret Pass, 15-VI-74, B. P. Stark, 1 ♀; Lamoille Creek, 2 miles above Camp Lamoille, 6-VII-74, M. and E. Cather, 2 ♀ 1 ♀, nymph; Lander Co., Big Creek, Big Creek Campground, 14-VI-74, B. P. Stark, 13 ♀ 9 ♀; White Pine Co., Lehman Cave, Baker, 11-VI-61, S. G. Jewett, Jr., 6 ♀ 3 ♀.

Triznaka pintada (Ricker).—New records: Clark Co., Deer Creek, 5-VIII-69.


NEVADA LIST

The following is a checklist of the 30 species confirmed as occurring in Nevada.

Pteronarctidae
Pteronarcella badia (Hagen)
P. regularis (Hagen)

1Study supported by NSF Grant No. 096-609 and EPA Grant No. 3053-304.
2Department of Biology, University of Utah, Salt Lake City, Utah 84112.
Pteronarcys californica Newport
P. princeps Banks

Peltoperlidae
Sierrerperla cora (Needham and Smith)
Soliperla thyra (Needham and Smith)

Perlodidae
Kogotus modestus (Banks)
Skwala parallela (Prison)
Isoperla fulva Claassen
I. marmorata Needham and Claassen
I. patricia Prison

Perlidae
Doroneuria baumannii Stark and Gaufin
Hesperoperla pacifica (Banks)

Chloroperlidae
Utaperla sopladora Ricker
Alloperla severa Hagen
Suculita pallidula (Banks)
Swelta coloradensis (Banks)
S. pacifica (Banks)
Triznaka pintada (Ricker)
Chloroperla cydippe Newman

Needham and Claassen (1925) recorded this species from Washoe Co., Reno. We have not examined the specimens, but they probably are Hastaperla chilnualna Ricker.

Nemouridae
Malenka californica (Claassen)
M. coloradensis (Banks)
M. tina (Ricker)
Podmosta delicatula (Claassen)

Prostoia besametsa (Ricker)
Soyedina nevadensis (Claassen)
Zapada cinctipes (Banks)

Capniidae
Capnia lacustra Jewett
Utacapnia tahoenesis (Nebeker and Gaufin)

Leuctridae
Paraleuctra occidentalis (Banks)

References