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RECORDS OF STONEFLIES (PLECOPTERA) FROM NEVADA¹

Mary R. Cather,² Bill P. Stark,² and Arden R. Gaufin²

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, *Pteronarcys 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.

Pteronarcys californica Newport.—New Records: *Washoe Co.*, Reno, 18-VII-51, T. H. Zehrbach, 1 ♂.

Pteronarcys 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.

Skwala parallela (Frison).—New records: *Elko Co.*, Columbia Creek, 20-IX-57, G. F. Edmunds, Jr. and R. K. Allen, nymphs; Secret Creek at Secret Pass, 15-VI-74, B. P. Stark, exuvium; same location, 4-VII-74, M. and E. Cather, nymph; *Washoe Co.*, Reno, 9-III-41.

Isoperla fulva Claassen.—Distribution: *Elko Co.*, Secret Creek, Highway 11, 15-VI-74, B. P. Stark, ♂ ♂ ♀ ♀; Secret Creek, Secret Pass, 15-VI-74, B. P. Stark, ♂ ♂ ♀ ♀.

Isoperla patricia Frison.—Distribution: *Humboldt Co.*, 5 miles north of Paradise Valley, 18-VI-67.

Doroneuria baumanni 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-54, 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.

Utaperla sopladora Ricker.—Distribution: *Elko Co.*, Lamoille Creek, 2 miles above Camp Lamoille, 6-VII-74, M. and E. Cather, mature ♂ nymph.

Alloperla severa Hagen.—Distribution: *Elko Co.*, Secret Creek, Highway 11, 15-VI-74, B. P. Stark, 11 ♂ 10 ♀; Secret Creek, Secret Pass, 15-VI-74, B. P. Stark, 1 ♂ 2 ♀.

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.

Malenka tina (Ricker).—Distribution: *Elko Co.*, Secret Creek, Secret Pass, 15-VI-74, B. P. Stark, 1 ♂ 2 ♀.

NEVADA LIST

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

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

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Pteronarcys californica Newport
P. princeps Banks

Peltoperlidae

Sierraperla cora (Needham and Smith)
Soliperla thyra (Needham and Smith)

Perlodidae

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

Perlidae

Doroneuria baumanni Stark and Gaufin
Hesperoperla pacifica (Banks)

Chloroperlidae

Utaperla sopladora Ricker
Alloperla severa Hagen
Suwallia pallidula (Banks)
Sweltsa 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 tahoensis (Nebeker and Gaufin)

Leuctridae

Paraleuctra occidentalis (Banks)

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