

*Alloperla imbecilla*, Say.—Port Renfrew, B. C., 3rd July; Glacier, B. C., 20th July and 21st August; Bear Lake, B. C., 20th July (Currie); Ainsworth, 11th July (Currie).

*Alloperla pacifica*, Banks.—Port Renfrew, B. C., 3rd July.

*Alloperla borealis*, Banks.—Port Renfrew, 29th June; Banff, Alta., 17th June; Laggan, Alta., 22nd July and 23rd August.

*Teniopteryx pacifica*, Banks.—Banff, Alta., 17th June; Kaslo, B. C., 18th June (Currie).

*Teniopteryx occidentalis*, Banks.—Kaslo, B. C., 18th June (Currie). One specimen, the second I have seen.

*Nemoura cinctipes*, Banks.—Port Renfrew, 3rd July; Goldstream, B. C. (E. A. Anderson); Wellington, B. C., 29th February (Taylor); Laggan, Alta., 23rd July; Kaslo, B. C., 18th, 30th June, 16th August (Currie, Caudell).

*Nemoura depressa*, Banks.—Laggan, Alta., 21st August; Bear Lake, B. C., 20th July (Currie).

*Perlomyia collaris*, Banks.—Wellington, B. C., 26th April (Taylor).

*Arsapnia grandis*, n. sp.—Black; antennæ brownish; legs brownish; wings brownish, sometimes darker on the anastomosis; venation dark brown. Posterior ocelli about twice as far apart as from the eyes; pronotum about as long as broad, narrowed behind, slightly rugose each side; abdomen elongate, setæ nearly as long as the abdomen, their joints (beyond basal ones) very long and slender; hind tibiæ scarcely reaching to tip of abdomen. Wings large and elongate, three to seven costal cross-veins, also one beyond end of subcosta, apical cells longer than discal cell; in the median and cubital areas there is but one cross-vein, which is continuous.

Expanse, 22–25 mm.

Specimens from Wellington, February; Vancouver, April; and Banff, Alberta, 17th June.

*Arsapnia decepta*, Banks.—Banff, Alta., 17th June.

*Leuctra occidentalis*, n. sp.—Black; antennæ brownish; legs pale brown; dorsum of abdomen reddish; wings smoky, veins brown, costal area at extreme base brown. Head with some fine white hairs; pronotum broader than long, rather narrowed behind, its surface slightly rugose, with a broad median depression containing a median ridge. Wings rather short and broad, the radial sector forks before the upper