

Orthotylus pacificus Van Duzee, sp. nov.

“Closely allied to *dorsalis* but larger with longer antennae; black, marked with fulvotestaceous about as in *dorsalis*, the cuneus entirely pale, dextral male clasper deeply notched; length to tip of membrane 6 mm.

“Vertex moderately convex, transversely depressed before the broad convex basal carina, this depression produced forward a little on the median line. First antennal segment as long as posterior lobe of pronotum; second as long as from the base of pronotum to the apex of clavus; third about one-half the length of the second; fourth one-half the third and subequal to the first. Length of pronotum a little more than one-half its basal width; callosities prominent, broad oval, well defined posteriorly by an impressed line; sides slightly arcuated with the anterior angles well rounded; hind margin truncate. Elytra long, parallel, the costa almost rectilinear; abdomen attaining basal third of cuneus. Whole upper surface sparsely clothed with a short pale appressed pubescence. Rostrum attaining middle of intermediate coxae. Dextral male clasper almost straight along its ventral margin, produced in a smooth acuminate point at apex; dorsally produced in two serrated squarish lobes, the basal longer and a little narrower; sinistral clasper as long as the dextral, almost linear and a little sinuous, its base dorsally with a long slender parallel appendage which is bent into a curved hook at apex and attains the apical fourth of the clasper.

“Color fuscous or black marked with fulvotestaceous; above mostly black; margin of vertex next the eyes, anterior and lateral margins of pronotum, a broad median vitta from behind the callosities to apex of scutellum, and slender scutellar and commisural margins of the clavus, pale. Corium and cuneus

pale, the former with a large fuscous spot on its inner angle, which begins at the basal third and follows the radial nervure to its apical one-fourth where it forms a squarish projection extending half way to the costa; cuneus deeper yellow, immaculate. Membrane smoky, with a hyaline spot at outer angle beyond the areole followed by a deeper fuscous ray; veins yellowish at apex. Beneath pale with a black lateral vitta which may cover most of the venter; the male genital segment pale. Legs soiled yellowish, paler on the base of the femora, the tip of the rostrum and the tarsi infuscated. Antennae entirely black.

"Described from two males and one female taken at Victoria, V. I., B. C., July 14, 1918, on willow, by W. Downes.

"Holotype male in National Collection at Ottawa; allotype in collection of H. M. Parshley; paratype in collection of E. P. Van Duzee."

Since Van Duzee has recently published a review of *Orthotylus* I submitted the specimens of this species to him for study, and he has kindly sent the description quoted above for inclusion in the present paper.

Orthotylus formosus Van Duzee.

B. C.—Saanich Dist., V. I., July 8, 1918 (W. D.).

Mecomma gilvipes (Stål).

B. C.—Saanich Dist., V. I., Aug. 13, 1918 (W. D.).

Macrotylus multipunctatus Van Duzee.

B. C.—Vernon, June 10, 1918 (R. C. T.).

Van Duzee writes that this is the second specimen of the species he has seen.

Plagiognathus moerens Reuter.

B. C.—Vernon, June 18, 1917 (R. C. T.).

Plagiognathus obscurus Uhler.

B. C.—Royal Oak, V. I., July 24, 1917 (W. D.); Victoria,
V. I., July 31, 1918 (W. D.).

This and the preceding determined by Van Duzee.

Bolteria picta var. *hirta* Van Duzee.

B. C.—Vernon, June 10, 1918 (M. H. R.).

Two specimens in poor condition which Van Duzee determines with some doubt.

Campylomma verbasci (Meyer-Dür).

B. C.—Royal Oak, V. I., Sept. 13, 1917 (W. D.); Vernon,
Aug. 12, 1917 (M. H. R.).

Family GERRIDAE

Gerris remigis Say.

B. C.—Saanich Dist., V. I., May 6, 1917 (J. D. T.), Oct. 17,
1917 (W. D.); Vernon, 1908.

Limnoporus rufoscutellatus (Latreille).

B. C.—Saanich Dist., V. I., June 18, 1918, Sept. 1, 1917 (W.
D.); Vernon, May 5, 1915, (M. H. R.).

Family NOTONECTIDAE

Notonecta undulata Say.

B. C.—Saanich Dist., V. I., Sept. 1, 1917 (W. D.).

Notonecta insulata Kirby.

B. C.—Okanagan Landing, May 2, 1916 (E. M. A.); Ver-
non, Apr. 29, 1918, Dec., 1908 (M. H. R.).

Family BELOSTOMATIDAE

Lethocerus americanus (Leidy).

B. C.—Kamloops, June 20, 1914 (W. D.).