

TWO NEW SPECIES OF MACROTYLUS FIEBER
FROM THE WESTERN UNITED STATES

(Hemiptera, Miridæ)*

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Macrotylus polymonii Knight, n. sp.

Allied to *multipunctatus* Van D. but nearly black in color, antennal segments longer and tylus more vertical; pronotum, clavus, and corium with white ground color, each black bristle-like hair set in a round black spot, the spots largely coalescing and giving the impression that the dorsum is half black.

Male. Length 4.2 mm., width 1.7 mm. Head: width .69 mm., vertex .39 mm.; black, bucculæ and geminate mark on base of vertex and collum, white; frons tumidly convex, tylus strongly vertical. Rostrum: length 1.34 mm., reaching upon middle of hind coxæ. Antennæ: segment I, length .39 mm., black, tip white; II, 1.16 mm., black, narrow base and tip white; III, .86 mm.; IV, .36 mm. Pronotum: length 1.03 mm., width at base 1.17 mm.

Clothed with short, black, bristle-like hairs; color black, dorsum with white ground color and marked with coalescing black spots as described above; mesoscutum with yellowish white spot each side, calli black. Cuneus black, base, narrow membrane margin and apex white. Membrane black, veins opaque white, a small clear spot bordering apex of cuneus, also a rounded pale spot beyond, near membrane margin. Legs black, tips of femora becoming pale.

Female. Length 4.3 mm.; width 1.8 mm. Head: width .69 mm., vertex .43 mm. Antennæ: segment I, length .41 mm.; II, 1.12 mm.; III, .84 mm.; IV, .34 mm. Slightly more robust but very similar to the male in form and coloration.

Holotype: Male, August 14, 1931, altitude 10,000 feet, Mount Rainier, Washington (H. H. Knight). *Allotype*: same data as the type. *Paratypes*: 26 ♂ ♀, taken with the types on *Polymonium humile* R. & S., as determined by Dr. J. T. Howell. Mr. C. W. Getzendaner took the first specimens and called my attention to this interesting species. By careful searching we were able to hand-pick specimens from the host plant; I also observed a few cast nymphal skins sticking to leaves of the host. Paratypes will be deposited in collection

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