

Holotype: ♂ June 12, 1900, Fort Collins, Colorado; author's collection.

Allotype: ♀ June 7, topotypic.

Paratypes: 2♂ 2♀, "Colo." 2♀ Aug. 1, 1914, Hermit Rim road, Grand Canyon, Arizona (J. C. Bradley). ♀ July 12, 1919, Jemez Springs, alt. 6,400 ft., New Mexico (J. Woodgate). ♀ June-Aug., 1907, Cheyenne, Wyoming (Fanny T. Hartman).

Melanotrichus chelifer n. sp.

Allied to *incurvus*, antennal segment II not or scarcely equal to basal width of pronotum; differs in the shorter rostrum and in structure of the right genital clasper which is bifurcate or cheliform on apex.

♂. Length 3.4 mm., width 1.2 mm. Head: width .71 mm., vertex .33 mm. Rostrum, length .77 mm., scarcely attaining hind margins of middle coxae. Antennae: segment I, length .29 mm.; II, .98 mm.; III, broken. Pronotum: length .53 mm., width at base 1.03 mm.

Pubescence and coloration very similar to *incurvus*. Genital claspers distinctive, apical half of right clasper bifurcate, very much resembling the chela of a crayfish.

♀. Length 3.4 mm., width 1.3 mm. Head: width .70 mm., vertex .37 mm. Antennae: segment I, length .26 mm.; II, .84 mm. Pronotum: length .50 mm., width at base .93 mm. Very similar to the male in coloration and pubescence; membrane paler, fuscous along cubitus and in a ray-like cloud behind the areoles.

Holotype: ♂ July 12, 1917, Mesilla Park, New Mexico (H. H. Knight); author's collection.

Allotype: ♀, taken with the type.

Paratypes: 18♂ ♀, taken with the types. ARIZONA—♂ "Ariz. 2123" (Baker). COLORADO—♂ June 19, 1898, Fort Collins (E. D. Ball). SOUTH DAKOTA—♂ June 1, 1921, Capa; ♂ June 23, 1923, Philip (H. C. Severin).

Melanotrichus breviostris n. sp.

Allied to *chelifer* but larger and darker green in color; differs in the shorter rostrum, while length of second antennal segment (♂) is greater than basal width of pronotum.

♂. Length 4.5 mm., width 1.5 mm. Head: width .77 mm., vertex .38 mm. Rostrum, length .83 mm., only attaining hind margin of sternum. Antennae: segment I, length .37 mm.; II, 1.27 mm.; III, 1.11 mm.; IV, .34 mm.; dark green to fuscous. Pronotum: length 1.18 mm.

Color dark blue-green; membrane dark fuscous, paler on basal half of larger areole and spot bordering apex of cuneus, veins green, cubitus fuscous except under apex of larger areole where it is pale. Pubescence similar to that of *chelifer*. Genitalia very similar to *chelifer*, scarcely to be separated on that basis, although the dorsal claw of the bifurcate portion curves more strongly upward.

♀. Length 3.7 mm., width 1.5 mm. Head: width .77 mm., vertex .415 mm. Antennae: segment I, length .29 mm.; II, 1 mm.; III, .85 mm.; IV, .32 mm. More robust and hemelytra shorter than in the male, but pubescence and coloration very similar.

Holotype: ♂ Sept. 9, 1925, Bear River City, Utah (G. F. Knowlton); author's collection.