

Holotype: Male, 22 Aug., 1916, Whiteface Mountain, N. Y. (H. H. Knight); author's collection. Allotype: same data as the type. Paratypes: Males (3) and females (4), taken with types. MASSACHUSETTS—Female, 5 July, 1914, Beach Bluff (H. M. Parshley). Female, 28 July, 1916, Pigeon Cove (C. E. Olsen). NEW JERSEY—Male, 15 June, 1908, Lakehurst (Wm. T. Davis). NEW YORK—Male, 22 July, 1920, Conifer (H. Osborn). Female, 12 Aug., 1920, Wanakena (C. J. Drake). NOVA SCOTIA—Male, 17, July, Truro (W. H. Brittain).

Plagiognathus suffuscipennis Knight, new species.

Color aspect suggestive of *Plesiodema pinetellum* (Zetterstedt) but tibiae with black spots at base of spines; antennal segment i and base of ii, black.

Male: Length 3.4 mm., width 1.3 mm. Head: Width .68 mm., vertex .36 mm.; black, moderately shining, scarcely paler on vertex. Rostrum, length 1.2 mm., reaching upon hind coxae, yellowish, base and apex becoming blackish.

Antennae: Segment i, length .23 mm., black, slenderly pale at apex; ii, .81 mm., yellowish tinged with fuscous, blackish at base, cylindrical, not equal to thickness of segment i; iii, .54 mm., yellowish; iv, .36 mm., yellowish.

Pronotum: Length .45 mm., width at base .98 mm.; dark brownish black; pubescence yellowish to dusky. Scutellum black, yellowish pubescent, minutely transversely rugulose; mesoscutum moderately exposed, black. Sternum, pleura, and ostiolar peritreme black.

Hemelytra: Embolar margins distinctly arcuate; uniformly brownish translucent, yellowish pubescent, slightly shining. Membrane uniformly pale fuscous, margins appearing slightly darker, veins yellowish brown.

Legs: Yellowish testaceous; coxae fuscous except apices; femora with two series of fuscous spots on anterior face, a group of six or eight spots on apical half of posterior face; tibiae yellowish, spot on knee, spines and small spot at base of each, blackish. Venter black, moderately shining, clothed with very fine pale yellowish pubescence.

Female: Length 3.2 mm., width 1.37 mm.; very similar to the male in coloration but in form more robust.

Food plant: *Picea mariana*.

Holotype: Male, 11 July, 1914, Rochester Junction, N. Y. (M. D. Leonard); author's collection. Allotype: same data as the type. Paratypes: Female, 11 July, female, 18 July, 1914, topotypic (M. D. Leonard), collected on spruce (*Picea*). MAINE—Male, 26 July, 1920, Peaks Island (G. A. Moore). MINNESOTA—Males and females (32), 12 Aug., 1922, Beaver Dam, Cook County (H. H. Knight), on *Picea mariana*.

Microphylellus Reuter.

Key to Species.

1. Hemelytra uniformly blackish 2
- Hemelytra more or less pale; embolium, cuneus, and basal half of