

Orthotylus ulmi new species.

Allied to *translucens* Tucker, but more robust, eyes more transverse on posterior margins; distinguished by the shorter rostrum which does not attain hind margins of intermediate coxae.

♂. Length 3.5 mm., width 1.2 mm. Head: width .71 mm., vertex .266 mm.; hind margin of head nearly transverse, eyes only slightly curved, large and prominent. Rostrum, length 1.09 mm., reaching a little over middle of intermediate coxae. Antennae: segment I, length .28 mm., thickness .089 mm.; II, 1.3 mm., thickness .059 mm.; III, .99 mm.; IV, .38 mm.; yellowish green, last two segments fuscous, segment II sometimes dusky. Pronotum: length .44 mm., width at base .93 mm.

Uniformly green, head, scutellum, ventral aspect and legs, more yellowish green; membrane pale, veins green; tip of rostrum and apices of tarsi fuscous. Clothed with simple pale yellowish pubescence, more than half of the hairs on hemelytra recumbent, suggestive of very fine sericeous pubescence. Genital claspers small, not easily distinguished from *translucens* without dissection.

♀. Length 3.5 mm., width 1.2 mm. Head: width .67 mm., vertex .326 mm. Antennae: segment I, length .29 mm.; II, 1.18 mm.; III, .84 mm.; IV, .37 mm. Pronotum: length .46 mm., width at base 1 mm. Very similar to the male in form, pubescence, and coloration.

Holotype: ♂ June 18, 1921, Phalen Park, St. Paul, Minnesota (H. H. Knight); author's collection.

Allotype: taken with the type.

Paratypes: 12 ♂ ♀, taken with the types on elm (*Ulmus* sp.). MINNESOTA—2 ♂ July 12, 1919, Hennepin County; ♀ July 10, 1924, Ramsey County (H. H. Knight). NEW YORK—♂ 4 ♀ July 19, 1916, Batavia; ♀ July 8, 1920, Ithaca (H. H. Knight), taken on *Ulmus* sp. ♀ Aug. 1-7, Wanakena (C. J. Drake). ONTARIO—♀, "Ottawa." QUEBEC—♂ July 28, 1915, Roberval (G. Beaulieu).

Orthotylus ute new species.

•Aspect suggestive of *ornatus* Van D., but more elongate and the basal angles of pronotal disk fuscous; genital claspers indicate a relationship with *affinis* Van D., but right clasper with basal prong produced dorsally into a thick prong which forms a part of the crescent shaped hook.

♂. Length 6.6 mm., width 1.9 mm. Head: width 1.01 mm., vertex .37 mm. Rostrum, length 1.74 mm., nearly attaining hind margins of intermediate coxae. Antennae: segment I, length .64 mm.; II, 2.25 mm.; III, 1.12 mm.; IV, .62 mm.; black. Pronotum: length .86 mm., width at base 1.6 mm.

Clothed with rather prominent, suberect, pale yellowish pubescence. Dorsum fuscous to black, embolium, basal half of corium, and cuneus pale translucent; mesoscutum except lateral declivities, and more or less broadly on middle and apex of scutellum, yellowish to pale; calli and basal angles of pronotal disk fuscous to black; head pale, frons except spot on median line, tylus except apex, and lora, fuscous to black; collar, a broad ray across top of coxal cleft and extending to spread along basal margin to humeral angles, blackish; metapleura,