

♀. Length 3.3 mm., width 1.24 mm. Head: width .93 mm., vertex .48 mm. Antennae: segment I, length .23 mm.; II, 1.03 mm.; III, .46 mm.; IV, .43 mm. Slightly more robust than the male but very similar in coloration and pubescence.

Holotype: ♂, Aug. 7, 1925, Stonewall, alt. 8,500 ft., near Trinidad, Colorado (H. H. Knight); author's collection. *Allotype*: same data as type. *Paratypes*: 12 ♂ ♀, taken with types on the limber pine (*Pinus edulis*). ♂ ♀, Aug. 10, 1925, Ft. Garland, Colorado (H. H. Knight), taken on *Pinus edulis*. ♂ ♀, Aug. 3, 1917, Grand View, Grand Canyon, Arizona (H. H. Knight). Paratypes in collections of Iowa State College and Colorado Agricultural College.

***Pilophorus opacus* n. sp.**

In the key of Poppius (1914) to the species of *Pilophorus* this form runs to *walshii* Uhler, but it is very different in several respects; in general aspect more nearly that of *clavatus* Linn. but the rostrum and antennal segment II shorter, the dorsal surface darker and more opaque.

♂. Length 4.2 mm., width 1.54 mm. Head: width 1.08 mm., vertex .60 mm.; black, the jugs and margins of tylus and lora brownish. Rostrum: length 1.54 mm., just attaining posterior margins of intermediate coxae, piceous. Antennae: segment I, length .28 mm., fusco-brownish, paler beneath; II, 1.38 mm., gradually enlarged toward apex to a thickness of .10 mm., black, reddish brown on basal half; III, .57 mm., rather slender, pale and tinged with reddish, apical half blackish; IV, .46 mm., blackish, pale at base. Pronotum: length .74 mm., width at base 1.28 mm.; black, scarcely shining; distance between tip of tylus and base of disk 1.56 mm. Scutellum nearly as in *clavatus*. Dorsum clothed with simple, recumbent, golden yellow pubescence, the margins of pronotum, scutellum, and the hemelytra sparsely set with erect, stiff, brownish hairs. Clavus black, opaque, with velvety sheen, slender sutural margin and the corium dark chocolate brown, the inner apical field of clavus nearly black, although apical margin paler; posterior silvery band transverse on corium, but dislocated at the claval suture, the band on clavus disconnected and set forward for a space equal to thickness of band. The usual shining areas are here frosted over with a wax-like sheen. Membrane fusco-brownish, slightly darker on central area. Legs black, apical one-third of tibiae more brownish; coxae deep black, apices pale, tro-