

Atractotomus reuteri n. n.

A new name proposed for *Atractotomus hesperius* Reuter (Acta Soc. Sci. Fenn., xxxvi, No. 2, p. 78, 1909) which is preoccupied in the genus by *hesperius* Uhler (1872). This change is made necessary by the above synonymy.

Atractotomus crataegi n. sp.

Allied to *mali* (Meyer) but size smaller, second antennal segment shorter and more slender, scale-like pubescence silvery white and with individual scales broader, tibiae black.

♂. Length 2.6 mm., width 1.34 mm.; form ovate, robust. Head: width .69 mm., vertex .35 mm. Rostrum: length 1.12 mm., nearly attaining hind margins of posterior coxae. Antennae: segment I, length .19 mm., thickness .06 mm., more slender at base; II, .60 mm., thickness .09 mm., slightly fusiform, length not equal to width of head; III, .39 mm., slender, dusky yellow; IV, .30 mm., dusky. Pronotum: length .54 mm., width at base 1.06 mm.

Color uniformly black, moderately shining, tarsi pale to dusky, eyes, posterior tibial knees and wing joints showing reddish; ostiolar peritreme black. Membrane blackish, vein around tip of areoles reddish. Clothed with fine, dusky, simple pubescence and intermixed with prominent, appressed, silvery-white scales on dorsum and sides of body.

♀. Length 2.8 mm., width 1.4 mm. Head: width .71 mm., vertex .37 mm. Antennae: segment I, length .19 mm.; II, .67 mm.; III, .45 mm.; IV, .26 mm.; form and color similar to the male. Pronotum: length .56 mm., width at base 1.08 mm.

Form, color and pubescence very similar to the male.

Holotype: ♂, July 16, 1929, Ames, Iowa (H. H. Knight); Iowa State College collection. *Allotype*: taken with the type on *Crataegus*. *Paratypes*: ♂, June 29; ♀, July 18, 1927; 3♂ 1♀, July 2, 1928; 2♂, June 24; ♂ 2♀, July 11, 1929; 6♂♀, June 24, 1930, Ames, Iowa (H. H. Knight); all taken on *Crataegus* which is the host plant. ♂, June 25, 1927, Ames, Iowa (H. G. Johnston).

Atractotomus cercocarpi n. sp.

Form, color and pubescence very similar to *reuteri*, but distinguished by the more slender second antennal segment.

♂. Length 3 mm., width 1.5 mm. Head: width .86 mm., vertex .44 mm. Rostrum: length 1.17 mm., reaching to middle of hind coxae. Antennae: segment I, length .21 mm., thickness .086 mm.; II, .69 mm., thickness .09 mm., more