

(4.) Long. 6-6½ mm.

(a) Convex, alt. 4 to 6 mm.

(i) Antennæ 6-jointed.

(b) Legs slender; ♂ abdomen as wide as thorax *tiliæ*.

(bb) Legs robust; tibia longer than tarsus.

(c) Scale finely punctured; alt. 6 mm., the highest of this group *capree*.

(cc) Scale strongly punctured on the sides; alt. 4 mm.; ♂ abdomen hardly half as wide as thorax *æsculi*.

(ii) Antennæ 7 jointed; scale not pruinose; legs ordinary.

(b) Scale hemispherical; legs rather slender *robinie*.

(bb) Scale with the anterior part very convex, the posterior depressed *takachihoi*.

(aa) Less convex, alt. 3 mm. or less.

(i) Antennæ 8-jointed; European.

(b) Anterior legs with very broad tarsi *berberidis*.

(bb) Legs ordinary *rosarum*.

(ii) Antennæ 7-jointed; Canadian.

(b) Third joint very long; scale alt.

2⅔ mm *caryarum*.

(bb) Third joint not especially long; scale

alt. 2 mm *fraxini*.

(iii) Antennæ 6-jointed; France *ciliatum*, var.

(5.) Long. 5-5½ mm.

(a) Flattened form.

(i) Antennæ 6-jointed *Kansasense* (alt. 2 mm.) and [*Folsomi* (alt. 1½ mm.).

(ii) Antennæ 7-jointed ... *Lintneri*, *assimile* and *aurantiacum*.

(iii) Antennæ 8-jointed ... *hortensiae*, *berberidis* and *persice*.

(aa) Less flat, alt. 2 to 3 mm *Guignardi*, *ciliatum* and [*distinguendum*.

(aaa) Convex to subglobular *Hoferi*, *antennatum*, *quercitroneis*, [*bituberculatum*, *caryarum*, *corni*, *cynosbati*, *pyri*, [*robinie*, *robiniarum*, *rubi*, *rugosum*, *Canadense*.