

- C. Colour very pale.....hyalinus.
 CC. Colour dark yellow.....coryli.
 BB. Body more than twice as long as broad.
 D. Four rows of setiferous tubercles on back of
 abdomen.....castaneæ.
 DD. Setiferous tubercles not in rows.....arundicolens.
 AA. Body without dorsal setæ.
 E. Seventh joint of antennæ shorter than sixth.....caryæ.
 EE. Seventh joint of antennæ longer than sixth.....betulæcolens.
Caryæ, Monell; black walnut; Berkeley.
Betulæcolens, Fitch; birch; Berkeley.
Castaneæ, Fitch; chestnut; Berkeley.
Arundicolens, n. sp.—Apterous viviparous female.

Length of body, 1.54 mm.; width .69 mm. Length of joints of antennæ: III., .77 mm.; IV., .50 mm.; V., .54 mm.; VI., .27 mm.; VII., .27 mm. Body setiferous; general colour light lemon-yellow to darker yellow. Nectaries reduced to tubercles. Cauda wart-like. Rostrum reaching to second coxæ. Antennal joints III., IV. and V. black at outer ends. Tarsi dusky. Eyes red-brown.

Alate viviparous female.

Length of body, 2.19 mm.; width .81 mm. Expanse of wings from tip to tip, 7.19 mm. Length of joints of antennæ: III., 1.04 mm.; IV., .58 mm.; V., .61 mm.; VI., .35 mm.; VII., .35 mm. General colour of body light lemon-yellow. Wings hyaline; veins and stigma greenish. Cauda short, tip black. Nectaries reduced to tubercles. Tarsi dusky. Eyes red. Sixth antennal joint dusky; Vth and IVth black at outer end; IIIrd ringed with black one-third distance from joint II. and at outer end.

Small colonies, and also distributed singly on under sides of leaves of bamboo (*Arundo*, sp.), Berkeley.

Hyalinus, Monell; oak (*Quercus imbricata*); Berkeley.

Coryli, Gœtze; hazelnut (*Corylus*, sp.); Berkeley.

DREPHANOSIPHUM.—*Acerifolii*, Thos.; live oak; Berkeley.

HVALOPTERUS.—*Arundinis*, Fabr.; apricot; Berkeley.

APHIS.—

A. Antennæ not more than half the length of body.

B. Honey tubes reaching not quite half way to tip of abdomen.

C. Honey tubes red-brown.....Alamedensis.

CC. Honey tubes yellow.....calendulicola.

CCC. Honey tubes black.