

types: 10 ♂ 5 ♀, taken with types on persimmon (*Diospyros virginiana*) where the species was evidently breeding. Paratypes deposited in Cornell University collection and Iowa State College collection.

In my key to the species of *Plagiognathus* in the "Hemiptera of Connecticut," *carinatus* runs to *repetitus* Knight, from which it may be separated by the double row of prominent black spots on anterior face of hind femora, also by the larger size. Some specimens of *carinatus* have antennal segment II more yellowish than black, and such individuals will run to *punctatipes* Knight, in my key to the species of *Plagiognathus*. These species may then be separated by the relative length of antennal segments as compared with the head. In the male of *carinatus* the length of antennal segment II is equal to the width of head across eyes plus the width of vertex, while in the male of *punctatipes* the length of segment II is distinctly less than width of head plus width of vertex. In the female *carinatus* the length of antennal segment II is greater than width of head across eyes plus the dorsal width of an eye, while in the female *punctatipes* the length of segment II is less than width of head plus dorsal width of an eye.

#### ***Plagiognathus dispar* Knight.**

This species was originally described as a variety of *punctatipes* Knight, but more recent examination of the genital characters under the high power binocular microscope reveals a distinct difference in structure of the left genital clasper. In *punctatipes* the dorsal projection of the left clasper takes the form of an incurved acuminate claw, while in *dispar* the dorsal angle of left clasper is distinctly impressed and with anterior margin carinate much as in *carinatus*.

#### ***Plagiognathus inopinus* n. sp.**

This species runs to *punctatipes* and *dispar* in my key to the species of *Plagiognathus* in the "Hemiptera of Connecticut," but differs from both in that antennal segment II is equal to (♀), or greater than (♂) width of pronotum at base.

♂. Length 4 mm., width 1.4 mm. Head: width .77 mm., vertex .34 mm. Rostrum, length 1.6 mm., reaching upon middle of posterior coxae, yellow, basal and apical segments becoming fuscous. Antennae: segment I, length .26 mm.,