

females (21), taken with the types on *Carya cordiformis*. NEW YORK—Female, 30 June, 1914, males and females (15), 18 June, 1915, Batavia; males and females (8), 23 June, 1920, Ithaca; male, 27 June, 1915, Portageville (H. H. Knight). MISSISSIPPI—Male, 4 May, males and females (12), 27 May, 1915, Agricultural College (C. C. Greer), collected on pecan (*Carya illinoensis*).

**P. repletus** Knight, new species.

Suggestive of *albatus* variety *vittiscutis* but having the rostrum distinctly shorter.

*Female*: Length 3.9 mm., width 1.4 mm. Head: Width .57 mm., vertex .36 mm.; black, somewhat paler on vertex, pale pubescent. Rostrum, length 1.35 mm., scarcely attaining hind margins of middle coxae, yellowish brown, basal segment and apex blackish.

Antennae: Segment i, length .27 mm., black, narrow apex yellowish; ii, 1.46 mm., slender, slightly thicker toward apex, yellowish, basal one-fourth blackish, finely pale pubescent; iii, .67 mm., yellowish, fuscous at base; iv, .37 mm., yellowish to dusky.

Pronotum: Length .60 mm., width at base 1.21 mm.; black, central area of disk, between calli and just before on anterior margin, pale yellowish; clothed only with simple slender, yellowish pubescent hairs. Scutellum yellowish, median line black, meso-scutum rather broadly exposed, blackish, yellowish pubescent. Sternum and pleura black, ostiolar peritreme blackish but with a yellow tinge.

Hemelytra: Embolar margin only very slightly arcuate; black, margins of clavus and corium bordering claval suture, basal one-third of corium, embolium, cuneus, anal ridge and extending along apex of corium to join cuneus, yellowish translucent; embolium somewhat dusky bordering black area of corium; moderately shining, yellowish pubescent. Membrane uniformly fuscous, a narrow clear spot bordering apex of cuneus, veins pale yellowish.

Legs: pale yellowish, hind coxae dark fuscous on basal half; hind femora becoming brownish on apical half except apex, two rows of black spots on anterior face, showing through the obscuration; anterior and middle femora showing only three or four fuscous points; tibiae yellowish, knees, spines and spots at base, black, tarsi fuscous. Venter black, or brownish black, yellowish pubescent.

Holotype: Female, 25 June, 1914, Batavia, N. Y. (H. H. Knight); author's collection.

**\*P. repletus var. apicatus** Knight, new variety.

Similar in structure to the typical *repletus* but differing in certain color aspects; cuneus black, pale only at base; black color of corium spread to include inner apical angles, also apical half of embolium darkened; antennae and legs not darker than in the typical species.