

toward apex but scarcely exceeding thickness of first segment.

HABITS.—Occurs on willow (*Salix* sp.).

KNOWN DISTRIBUTION.—Illinois, Indiana, Iowa, Maryland, Minnesota, Missouri, New York, Ohio, Ontario.

Illinois Records.—Ten males and 16 females, taken May 29 to Aug. 23, are from Algonquin, Alton, Antioch, Byron, Campaign, Dubois, Eichorn, Kankakee, Meredosia, Savanna, Urbana, Waukegan.

***Pilophorus clavatus* (Linnaeus)**

Cimex clavatus Linnaeus (1767, p. 729).

MALE.—Length 4.60, width 1.53; from tip of tylus to basal margin of pronotum, 1.50. Rostrum, length 1.73, reaching to middle of hind coxae. Antennae, first segment, length 0.33, fusco-brownish; second, 1.75, gradually thickened from base toward apex, greatest thickness 0.11, slightly greater than thickness of first segment, dark brownish black, more nearly black on apical half; third, length 0.66, fuscous, pale on basal half; fourth, length 0.39, fuscous, paler at base. Pronotum, length 0.73, width at base 1.40. General color very dark brown, almost black; hemelytra brown; clavus darker than corium except for area bordering claval suture; polished only behind posterior silvery line exterior to radial vein. Dorsum clothed with fine, short, golden and yellowish pubescence intermixed with short, erect, stiff bristles; posterior silvery line dislocated at claval suture, but not disconnected with portion on clavus.

FEMALE.—Length 4.60, width 1.67; from tip of tylus to basal margin of pronotum, 1.55; very similar to male in form, color and pubescence.

HABITS.—Occurs on oaks (*Quercus* spp.).

KNOWN DISTRIBUTION.—This is a European species known in America from British Columbia, Colorado, Illinois, Iowa, Massachusetts, Michigan, Minnesota, New York, North Dakota, Ontario.

Illinois Records.—ILLINOIS: 2 ♀. CARY: Aug. 27, 1905, on oak, W. J. Gerhard, 1 ♂, 2 ♀, FM. KANKAKEE: Aug. 1, 1933, Ross & Mohr, 1 ♀.

***Pilophorus setiger* new species**

MALE.—Length 3.90, width 1.50. Head width 0.91, vertex 0.45. Rostrum, length 1.51, reaching base of hind coxae. Antennae,

first segment, length 0.30, yellowish brown; second, 1.34, yellowish, apical one-fourth very dark brown, slender, slightly thicker apically; third, 0.48, pale, apical half fuscous; fourth, 0.39, fuscous. Pronotum, length 0.73, width at base 1.23; from tip of tylus to basal margin of pronotum 1.38. Dorsum clothed with fine, simple, yellowish pubescence intermixed with sparsely set, suberect, bristlelike hairs; posterior silvery band dislocated at claval suture, but still making contact with that part on clavus; basal band thick, extending from costal edge to claval suture at a point very slightly behind tip of scutellum; paracuneus with two silvery patches. General color dark brown to almost black, hemelytra brown, corium dark brown and shining on area behind posterior silvery line and exterior to radial vein, cuneus also dark brown and shining; membrane pale fuscous, a large brown cloud covering larger areole and central area of membrane; legs brown; coxae partly paler; hind tibiae very slightly curved.

FEMALE.—Length 3.90, width 1.50. Very similar to male in general proportions, color and pubescence.

Holotype, male.—Kings Bluff, Winona County, Minn.: June 30, 1922, H. H. Knight, KC.

Allotype, female.—Same data as for holotype, KC.

Paratypes.—ILLINOIS.—GALENA: June 30, 1932, Dozier & Mohr, 2 ♀; July 10, 1934, DeLong & Ross, 1 ♂. PALOS PARK: May 31, 1914, W. J. Gerhard, 1 ♀. WILLOW SPRINGS: June 9, 1912, 1 ♂; June 28, 1903, 1 ♀; Sept. 4, 1904, W. J. Gerhard, 1 ♀, FM.

SOUTH DAKOTA.—TRAIL COUNTY: Aug. 19, 1923, A. A. Nichol, 1 ♂, KC.

MIRINAE

KEY TO GENERA

1. Pronotum distinctly swollen at middle as wide as or wider than hind margin, fig. 142. 2
Pronotum widest at hind margin, not noticeably swollen at middle, fig. 145 3
2. Length of first antennal segment less than width of vertex; pronotum not extending back to basal angles of hemelytra; base of scutellum poorly defined. **Pithanus**, p. 125
Length of first antennal segment