

Parthenicus vaccini (Van Duzee)
(Fig. 6, 13)

Psallus vaccini Van Duzee, 1915: 117

Parthenicus vaccini Van Duzee, 1916: 45

DESCRIPTION: MALE—Length 2.68-2.96 mm (n=10), width 1.00-1.04 mm. **Head:** Width 0.54-0.56 mm, vertex 0.24-0.26 mm. **Rostrum:** Length 1.20-1.28 mm, reaching base of genital segment. **Antenna:** Segment I, 0.24-0.26 mm; II, 0.94-1.00 mm; III, 0.72-0.74 mm; IV, 0.42 mm. **Pronotum:** Length 0.32-0.36 mm, basal width 0.78-0.80 mm.

General coloration gray to grayish green, mesosternum fuscous, abdomen green, 1st and 2nd antennal segments, pronotum, scutellum, and hemelytra with numerous fuscous spots; legs grayish, femora thickly dark spotted, some spots coalescing to form blotches on metafemora; pale tibial spines with large fuscous spots at bases. Dorsum with erect and semierect, pale, simple setae, intermixed with silvery sericeous setae on head, pronotum and hemelytra, and black scalelike setae on scutellum, apical 1/3 of corium and on cuneus.

Parameres: Left (Fig. 13a); right (Fig. 13b) slender and nearly C-shaped with the apex gradually tapering.

MACROPTEROUS FEMALES—Similar to males in color, form, and pubescence.

BRACHYPTEROUS FEMALE (Fig. 6b)—Length to apex of abdomen 2.08-2.30 mm (n=10), length to apex of hemelytra 1.76-1.92 mm, width 0.96 mm. **Head:** Width 0.52-0.54 mm, vertex 0.26-0.28 mm. **Rostrum:** Length 1.26-1.30 mm, reaching base of ovipositor. **Antenna:** Segment I, length 0.24 mm; II, 0.86-0.92 mm; III, 0.62-0.66 mm; IV, 0.36-0.38 mm. **Pronotum:** Length 0.30 mm, basal width 0.70 mm.

Similar to macropterous forms in color and pubescence, differing only in the broader form and the abbreviated membrane of the hemelytra.

REMARKS: *Parthenicus vaccini* (Van Duzee), described from Ipswich [Essex Co.], Massachusetts (Van Duzee 1915), was later recorded from Long Island, New York (Knight 1923), Florida (Blatchley 1926, Frost 1964), and New Jersey (Henry 1978).

Parthenicus vaccini is known to occur on mats of *Hudsonia ericoides* L. (Cistaceae) (Henry 1978). A. G. Wheeler, Jr. and I collected adults and nymphs of *vaccini* in abundance near Yaphank and Quoque, Suffolk Co., 29 August 1981 on *Hudsonia tomentosa* Nutt. (PDA, USNM). At the Quogue locality, a few adults were swept from the low growing *Lechea maritima* Leggett, a plant also belonging to the Cistaceae. The first record for Maryland is Assateague Island, Worcester Co., 6 September 1981, T. J. Henry coll., on *H. tomentosa*.

Parthenicus vaccini can be separated from other eastern species of *Parthenicus* by the overall grayish coloration, with the dorsum, legs and antennae having fuscous spots, by the long rostrum that reaches near the base of the genital segment, and by the form of the male parameres as described above.

Parthenicus weemsi Henry, NEW SPECIES
(Fig. 7, 14)

DESCRIPTION: HOLOTYPE MALE—Length 2.48 mm (range of 10 paratypes 2.28-2.76 mm), width 1.00 mm (0.88-1.04 mm). **Head:** Width 0.62 mm (0.54-