

5. Segment III of antenna considerably shorter than width of head across the eyes; colour brownish yellow with blackish markings..... *flabellus* (Sanb.)
 Segment III of antennæ considerably longer than width of head across the eyes; colour pale yellowish green with dusky markings..... *virginicus* Baker.

***Saltusaphis americanus*, n. sp.**

Apterous viviparous female.—General colour reddish yellow; vertex dusky brown, which colour extends caudad on each side to form two large dusky lateral areas on top of head; a rather narrow median area yellow. Thorax with a large, irregular, dark brown patch on each side. Abdomen with similar lateral patches which include the cornicles. Cauda dusky. Femora, proximal extremity of the tibiae and the tarsi dusky brown. Eyes reddish brown. Antennæ brown with base of III yellowish.

Length from vertex to tip of cauda 1.84 mm.; hind tibia 0.64 mm. Dorsum of body covered with hairs which are situated on rather prominent tubercles. These hairs are about 0.05 mm. long and somewhat expanded at their tips. Extremity of the abdomen scarcely at all divided. Cauda and anal plate usual.

The apterous forms of this species are similar in general appearance to those of *flabellus* Sanb., but are easily distinguished from those of that species by the body hairs.

Apterous male.—General colour similar to that of the viviparous form and with similar markings, but these much fainter. Length from vertex to tip of cauda 1.04 mm.; hind tibia 0.608 mm. Body with hairs of about the same length as those of the viviparous form, but with them little, if at all, expanded at tips.

Antennæ with the following measurements: III, 0.48 mm.; IV, 0.32 mm.; V, 0.32 mm.; VI, (0.128+0.256 mm.). Segments very finely and closely imbricated; III, with 20 to 25 very small, circular sensoria in an uneven row along the segment; IV, with 9 or 10; V, with about 9; VI, with sometimes one on the base of segment beside the usual sensoria at the base of the unguis.

Oviparous female.—Colour very similar to that of the viviparous form, with the colours possibly darker. Length from vertex to tip of cauda 1.6 mm.; antennæ as follows: Segment III,