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NEW OR LITTLE KNOWN SPECIES OF APHIDIDÆ.

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Wingless viviparous female. (Pl. IV, figs. 11-13.)

Macrosiphum venæfuscæ, n. sp.

Body uniformly pale green. Antennæ blackish, excepting segments I, II, and the extreme base of III, which are pale greenish brown; placed on prominent frontal tubercles; sparsely setose; 1 to 3 circular sensoria in a row on basal portion of segment III; filament of segment VI longest; total length greater than that of body. Beak just reaching to coxæ of third pair of legs. Eyes black. Basal half of femur with a slight greenish tint, the distal half pale brown; tibia and tarsus blackish. Cornicles black, reaching to or a little beyond tip of cauda; distal end plainly reticulated and noticeably constricted; gradually tapering, the tip being much narrower than base. Cauda approximately one-half the length of cornicles, ensiform, and sparsely hairy.

Measurements from specimens mounted on slides in balsam: Length of body 2.55-2.75 mm., average 2.67 mm.; width of body 1.20-1.35 mm., average 1.30 mm.; length of middle tibia 1.70-2.24 mm., average 1.98 mm.; length of hind tibia 2.44-3.02 mm., average 2.76 mm.; length of hind tarsus 0.135 mm.; length of cornicles, average 0.942 mm.; length of cauda, average, 0.516 mm. Antennal measurements as follows: