

The Canadian Entomologist.

VOL. XXXV.

LONDON, FEBRUARY, 1903.

No. 2

LIFE-HISTORY AND DESCRIPTION OF THE STRAWBERRY ALEYRODES, ALEYRODES PACKARDI, N. SP.

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This species has hitherto been considered identical with *Aleyrodes vaporariorum*, the common greenhouse Aleyrodes of the tomato, cucumber, etc. A critical study of all the stages of both the greenhouse Aleyrodes and the strawberry Aleyrodes, made at the Entomological Laboratory of the Massachusetts Agricultural College, has resulted in finding structural differences between the two species in all the stages, except the egg and adult. These differences may be tabulated as follows:

A. vaporariorum, Westw.

A. Packardi, n. sp.

1st instar.	18 pairs of marginal spines.	16 pairs of marginal spines.
2nd instar.	1st and 3rd pairs of dorsal spines well developed, though variable in length.	All three pairs of dorsal spines minute.
3rd instar.	1st and 3rd pairs of dorsal spines well developed, though variable in length.	All three pairs of dorsal spines minute.
Pupa.	3rd pair of dorsal spines well developed, though variable in length. 5-18 (usually 8) wax rods arising well up on the dorsum in addition to a double submarginal series of wax rods.	All three pairs of dorsal spines minute; only a double submarginal series of wax rods present.

In the above table the spines on the cephalic region of the dorsum are designated as the *first* dorsal pair; those on the sides of the first or third (first instar) abdominal segment as the *second* dorsal pair; and those which occur one on each side of the vasiform orifice the *third* dorsal pair. (In the reproduction of the drawings the second pair of dorsal