



Fig. 1. Parsnip Webworm,
mature larva (X 6)

The Mature Larva.—Length 16-18 mm; diameter of second abdominal segment 3 mm.; width of head 1.75 mm. The shape is nearly cylindrical, tapering slightly towards both extremities. The general colour is greenish yellow above, light yellow on sides and beneath. The head, mouth parts, cervical shield, thoracic legs and spiracles are shiny black.

The head is notched or emarginate on its caudal border and the cervical shield is divided by a median longitudinal line. The body is beset with numerous shiny black setigerous warts or tubercles, as shown in the figure.

The Young Larva.—The larva in its first instar is 1.5-2 mm. long and differs very little from the mature larva except in size and in being a darker greenish yellow anteriorly and a lighter yellow posteriorly.

The Pupa.—The pupa measures 1 mm. long and .3 mm. wide. The thoracic segments are dark brown and the abdominal segments a lighter brown.

The Adult.—The adult is a greyish moth with a wing expanse of $2\frac{1}{2}$ mm.

The wings are of a satiny lustre and fringed with long hairs. The front wings are a dark grey with darker longitudinal streaks, the hind wings a uniform light grey. When at rest, the wings are held flat over the back, giving the insect a flattened appearance.

Life History and Habits.

The eggs were first observed this season on June 18th. They are deposited singly and in large numbers on leaves, stems, and particularly on the sheath surrounding the flower heads. The time spent in the egg stage averages about seven days, and the period of oviposition extends over a considerable period, as newly