

Cartereau found in a swallow's nest a pupa of *Lucilia dispar* containing an imago of *Sc. fenestralis* which had not been able to leave the pupa of *Lucilia*, so the larva must have fed on it. Mr. Perris has found the pupa in wood holes made by *Hylotrapes bajulus*. He supposes the rotten fungi may have been attacked by Tineidæ or Coleopterous larvae, and that the larva of *Scenopinus* is carnivorous. Prof. F. W. Putnam found his larva near to an empty case of the cloth moth. Should it happen to be that the *Scenopinus* larva destroys those of the cloth moth? Then it would be a very beneficial insect. It would be very interesting to ascertain the fact by direct observation.

DESCRIPTIONS OF THREE NEW SPECIES OF GEOMETRIDÆ.

BY J. ELWYN BATES, SO. ABINGTON, MASS.

RHEUMAPTERA BRUNNEOMACULATA, sp. nov.

Abdomen and ground color of wings white. Head, thorax and antennæ cinereous. Inner third of fore wings containing three irregular ash-colored lines more heavily shaded towards the thorax. Mesial band crossed by two narrow, irregular and somewhat interrupted cinereous lines, between which on the inner margin of the wing is located a very distinct sub-triangular spot of deep brown color. Another larger, nearly quadrangular, very distinct brown patch, widest on costa, extends from costal margin to near the middle of the wing, in the lower part of which is located the oblong very dark brown discal dot.

The mesial band is limited exteriorly by a regularly scalloped cinereous line. A narrow sub-marginal irregularly scalloped white line shaded on both sides with brown scales; a darker patch filling two scallops above the middle and widening somewhat towards the outer margin of the wing.

A dark brown costo-apical patch about 0.04 of an inch broad, filling the space between the mesial band and the sub-marginal white line, beyond which is another small brown spot. Cilia on fore wings light brown. Hind wings with discal dot, and a strongly scalloped sub-marginal white line slightly sprinkled with brown scales, and heavily shaded interiorly with ash color.

Cilia nearly white dusted with brown scales at the terminus of the