

- (2.) *L. juglandis*, from Rochester, N. Y., closely resembles our insect in microscopic characters. Can the diversities in outward form be reconciled?
- (3.) Is it possible that the parasitic fungus would so alter the scale in its growth as to make it seem like a different species?
- (4.) Can the male scale be found, and if so, is it smooth or rough?
- (5.) Can the Queenston people tell anything of the origin and spread of the scale?

[Mr. Cockerell has more recently examined other material from Queenston, Ont., and also some from Geneva, N. Y., and is strongly of opinion that the species in both cases is the same as the Rochester (N. Y.) *L. juglandis*. The scales are shiny, red-brown; in both cases accompanied by hibernating young.—J. F.]

SOME NEW SPECIES OF ROBINSONIA.

BY W. SCHAUS, TWICKENHAM, ENGLAND.

Robinsonia Grotei, sp. nov.—Head white, posteriorly shaded with yellow. Collar white, with a central brown spot. Thorax brown, with a central white line; patagia white, laterally edged with brown. Abdomen dorsally brownish-yellow, with a subdorsal row of small white spots, and a lateral row of small black spots; underneath whitish. Primaries above white, with the margins broadly brown, except at the apex, where the white extends to the fringe; an oblique brown band, from the costal margin at a third from the base to the inner angle, separates the white into two large spaces. Secondaries white. Primaries underneath white, showing indistinctly the markings of the upper surface.

Ex., 45-47 mm.

Hab.—Rio Janeiro, Trinidad; Jalapa, Mexico.

This species is very closely allied to *Robinsonia formula*, Grote, but differs in the straight brown margins which are sinuate in *R. formula*.

Robinsonia perfecta, Hy. Edw., is a synonym of *Sallæa ochrosteria*, Feld., and *Turuptiana obliqua*, Walk., the last being the oldest name, and generically quite distinct from *Robinsonia*, which is most closely allied to *Ormetica*, Clem. The genus *Ormetica* is congeneric with *Euplesia*, Feld., and will have priority over the latter. *Ormetica sphingiformis*, Clem., has been redescribed by Mr.

Druce as *Automolis inutata*, which is placed by Kirby as a synonym of *Chelonia teniata*, Guér. I have not read Guérin's description, but presuming Mr. Kirby is right, the species will stand as *Ormetica teniata*, Guér.

Robinsonia fogra, sp. nov.—Head yellowish. Collar white. Thorax white, with some gray marks; patagia finely edged with gray. Abdomen above brownish yellow; some clusters of brown hairs towards the base; a subdorsal row of white spots and a lateral row of black spots; underneath white. Primaries above white, the veins gray, the margins clouded with gray, and a terminal row of gray streaks between the veins; an indistinct and irregular outer gray line. Secondaries above whitish, clouded with gray along the margin; the fringe dark gray. Underneath, the wings are similar, but with less gray, and the white ground colour is slightly iridescent.

Ex., 44 mm.

Hab.—Aroa, Venezuela.

Robinsonia Lefavrei, sp. nov.—Head brown, minutely spotted with white. Collar brown, with four white spots. Thorax brownish; patagia white, edged with brown. Abdomen above brown, with a subdorsal orange line; underneath white. Primaries above white; the costal margin broadly brownish yellow; the cell filled in with brown scales; the outer and inner margins broadly brown, the latter with a white streak about its centre; veins 2, 3, 4, 6 and 7 brown, dividing the white portion into a series of spots, the largest being between the median and submedian veins, and beyond the cell between veins 4 and 6; the two apical spots the smallest and oval in shape. Secondaries above white, with a long brown streak from the base to the anal angle, and a shorter streak below vein 2, from the cell to the outer margin; the costal margin narrowly shaded with brown; underneath the same, with the markings less distinct.

Ex., 44 mm.

Hab.—Rio Janeiro.

I am indebted for this species to Monsieur Paul Lefavre, Chargé d'Affaires for France at Rio Janeiro. I have also seen a specimen in the collection of Mr. Neumoegen, of New York.