

which is less common than *gallivora*; it is a perfectly distinct species and apparently undescribed; hence I propose to describe it under the name given above. One male and one female obtained. Female.—Forewings purple black, with red scales between the veins and the square stigma at end of cell red; borders of hindwings very narrow, costa reddish; fringes ample, black, yellow at basal third of inner margin of hind pair; beneath forewings yellow to stigma, which is deep orange, beyond the borders and veins black with reddish between; hindwings with costa yellow, also anterior third of inner margin. Head all blue-black, with milk-white lines before the eyes; collar yellow; palpi with basal joint black, second black except the front margin, which is yellow, as is the whole of the third joint; the antennæ are wholly black, except the under side of the basal ring which is yellow. Thorax uniform blue-black, with colour extending upon the base of wings, metathorax golden yellow; beneath colour as above, with a light yellow almost white spot under the insertion of the wings. Abdomen concolorous with thorax above and below; the second segment has a narrow dorsal band, the fourth a wide one, extending entirely around the body, and the last a narrow band all golden-yellow; tuft at end of abdomen concolorous above and below with a line of yellow hairs laterally. Legs blue-black, varied as follows: Fore-coxæ outwardly, fore-tibiæ, all the tarsi, the spurs and a band at the middle and apex of the hind tibiæ yellow; the tarsi, however, have some dark, scales sometimes appearing faintly banded.

The male agrees with the foregoing except that the abdominal bands are less distinct and the yellow in the caudal is wanting.

Expands 17 mm.

Obtained from *Cynips* gall on twigs of *Quercus palustris*, collected by my friend, E. E. Bogue, at Sugar Grove, Ohio, and by myself at Central College, Ohio. One imago appeared June 10 and one July 15.

The pupa has the usual form, length 12 mm., armed, clypeal spine flattened to a cutting edge apically; there is a median ridge on the dorsum of mesothorax and on either side of it a parallel groove.

The pupa cell is excavated in the pithy substance of the gall and lined with silk.

This moth should be compared sufficiently for separation with other species from *Quercus* galls. It differs from *Hospes* and *Gallivora* as follows: Front blue-black, whilst they have front white: legs black; they have legs yellow: palpi black and yellow; they all yellow with mere tip black. *Rubristigma* has red bar; they black. Compared with *Aegeria querci* from galls on live oak it is twice as large. *Querci* has lemon-yellow lines on side of thorax, antennæ brown, yellowish beneath; has nearly all the abdominal rings with bands costa lemon-yellow beneath, leg-joints whitish, pectus lemon-yellow; in all these points *Rubristigma* differs decidedly. The differences are also as striking with *Nicotiana*, with which Henry Edwards compared *Querci*, a species having a fiery-red discal mark.