

within the costa behind them, one behind the other, and a small spot opposite the space between them, beneath the fold; the portion of the wing from the basal fourth to the end of the disc, included between the costa and the fold, is suffused with bluish fuscous scales, each of which under the microscope appears tipped with hoary, and the extreme costa is black; the wing beneath the fold is whitish; just before the middle is a lunate streak of dark brown raised scales, extending from the dorsal margin to the fold, and margined with white in the concavity behind; at the end of the disc are two other larger tufts of bluish brown raised scales, margined before by yellow ochreous, and opposite to them is a long, narrow, very oblique white costal streak, margined behind by a narrow, dark brown line, which separates it from a somewhat wider yellow ochreous streak, containing three small white costal streaks or spots; behind the tufts the wing is ochreous, streaked with fuscous. *Al. ex.* $\frac{1}{2}$ inch. Season, June.

RECENT NOTES ON THE PHYLLOXERA FROM FOREIGN SOURCES.

[FROM "ENTOMOLOGICAL RECORD," BY TOWNEND GLOVER, IN MONTHLY REPORT OF THE U. S. DEPARTMENT OF AGRICULTURE.]

In November last, information was received from Henry Erni, United States consul at Basle, Switzerland, that the *Phylloxera vastatrix* had made its appearance near Geneva, and in December the following letter was received, which is published in full:

Referring you to my dispatch No. 95, about the appearance of the grape-root louse at Pregney, near Geneva, the riddle received lately an important solution, for the insect was discovered in the grape-houses of the Baron Rothschild, at his villa near Geneva. It is proved that some of these grape-vines were imported from England, in 1869, where the disease occurred in grape-houses as early as 1863. From these facts the origin of the grape-louse at Pregney appears obvious.

At the meeting of the French Academy, on the 19th of October last, Professor Dumas stated that two substances had now been discovered