

INSECTS INJURIOUS TO THE OAK.

(Concluded from page 43.)

a good idea of the former species: a represents the pupa, b the same after the adult has escaped through the rent in the bark, c the winged fly, d the holes in which the eggs are inserted. Fig. 9, f represents the larva as soon as hatched. The adult may be known by its rather narrow head, the black body, and bright red veins of the wings. The wings expand from two and a half to three and a quarter inches.

The pupa is long and narrow, and compared with that of C. pruinosa the head is longer and narrower, the antennae considerably longer, the separate joints being longer than that of the dog day locust. The interior thighs (femora) are very large and swollen, smaller than in C. pruinosa, though not quite so thick, with the basal spine shorter than in that species, while the snag or supplementary tooth is larger and nearer the end; the next spine, the basal one of the series of five, is three times as large as the next one, while in C. pruinosa it is of the same size, or, at anything, smaller. The toe joint (tarsus) projects over two-thirds of the length beyond the end of the shank (tibia), while in the other species it only projects half its length. The terminal segment of the body is rather larger than in C. pruinosa. The body is shining gum color or honey-yellow, with the hinder edge of the abdominal segments thickened, but no darker than the rest of the body. Length, one inch (90-100); width about a third of an inch (.35), being rather smaller than that of C. pruinosa and much larger than that of C. rimosa.

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