

the insect has the precautionary instinct, which acts as a second inducement, to make the aperture in the fruit in that stage of its existence in which it is furnished with organs best adapted for the purpose, for, had the larva omitted taking this step, the consequence would have been that the poor insect, when come to its butterfly state, would have been a prisoner totally unable to make its escape, being unprovided with any instrument sufficiently powerful to make a hole in the shell.

“The chrysalides are attached horizontally upon the inner walls of the pomegranate by means, first, of a patch of silk laid upon its surface to the centre of which the tail of the chrysalis is attached, and second, of a slender silken thread passing from side to side over the base of the abdominal segments.

“Another curious instance of instinct yet remains to be noticed. The butterfly, so soon as ever it has escaped from the puparium, must make its escape out of the hole formed by the larva. Delay would be death, as the wings would soon acquire their full expansion of nearly a couple of inches, in which state it would of course be unable to creep out.

“In the chrysalis state the belly of the insect is placed in contact with the inner surface of the fruit; consequently, as the slit by which the butterfly escapes out of the puparium extends along the back, the under surface of the latter remains entire, the anterior lateral portions on each side of the slit (extending as far as the whole coverings of the wings), curling up and lying close upon those parts which have covered the breast and limbs, leaving the abdominal portion in the same form as when it enclosed the insect. (*Westwood*, Trans. Ent. Soc. Lond., (I.), ii: I., 1837.

“At the time the pomegranate is in flower, and at a very early period, the Hair Streak may be seen very busily occupied about the flowers, and I have little doubt that the eggs are deposited at the bottom of the calyx, from the position in which I have seen the abdomen of the butterfly placed. As the fruit enlarges the eggs are enclosed, and in this situation matured.

“In order that I might obtain a perfect insect I surrounded several of the fruit with fine gauze, but in such a manner as not in the least to interfere with the caterpillar in its labour of connecting the fruit and stalk by means of the web, but to my astonishment and disappointment this never took place. The caterpillars issued from the fruit, and finding their