

My larvæ displayed much ingenuity, overcoming obstacles, and by no means proceeded always in the same way. Another just past first moult, descended as before to second pair, but instead of breaking the rib to let the leaf fall, set itself to attach threads to the upper leaves *to hold its leaf up*, and then closed the edges. Doubtless it had its sufficient reasons for so building. In this instance, the leaf stood at about 30° above horizontal, in the first, the leaf had been a little below horizontal.

A third larva at same stage proceeded in quite another way. It remained on the terminal leaf, and stitched one edge of it to the near edge of one of second pair: (in this plant the pairs of leaves alternate on the stem, one being at right angles to the other). An hour later, it was stitching the other edge of the other leaf of the second pair. After another hour, it had begun to draw up the tip of its own leaf and at length got this turned over and bound down, shutting itself in a sub-triangular case very different from the usual one. During the next few days I could discover no trace of this larva having fed, and on the fourth day, it had left its case and closed up a leaf by the edges, *after biting off the stem*, as related in larva No. 1. At the lower, or tip end as it hung, this case touched the next leaf below perpendicularly, and was stitched to it, and that day and the next the larva fed off the tip of its case, and as fast as eaten this was drawn down to the lower leaf, so that the open end was pretty well closed against the ingress of any enemy. The following day seeing no change in the eaten parts, I cut the case and found the larva dead, and a cocoon of an ichneumon-fly by its side.

Finally, a fourth larva overcame many troubles in this wise. It was placed on one of the second pairs of leaves, and it closed the edges without biting the mid-rib, until it had gone one-third the length of the leaf, when it returned and broke the mid-rib and also eat the two holes at its base. We may suppose that the larval mind at first decided that the leaf would come together without the rib being broken; and second, discovered that this was a mistake, whereupon rectification was made. At all events that is what a human architect would have done. After which the larva proceeded to close the rest of the leaf;—all this occupying three hours. Next day I accidentally broke off this case, and pinned it to another leaf. The following morning the wilted case had been deserted, and a fresh leaf was being closed up. A day later this last case fell of itself, but struck lower leaf, and presently was bound to it by a few threads. Three or four hours later my larva had climbed another stem of the plant, making