

and lemon trees, and occasionally, if very numerous, gives the tree a sickly appearance. But such an effect was rare, and one could not help feeling astonished at the luxuriant and vigorous growth of the average orange grove and the symmetry and beauty of the trees laden with their golden fruit, in soil, in most instances, so poor that one wondered where the nourishment came from. In our course up and down the Ocklawaha River, where the trees are everywhere clothed with the beautiful Florida moss, *Tillandsia usneoides*, and the swampy margins decked with brilliant asters and other composite flowers, we observed many Neuropterous insects on the wing, but did not succeed in capturing any; indeed, the catching of an insect seemed insignificant work in the midst of the excitement attendant on the shooting of alligators, herons, ducks and other large game, and at the close of the week there were very few spoils wherewith to grace the Entomological cabinet. Now, a few days later, amidst frosts and snow, the novel recollection of the recent heated butterfly chase, the cooling off under the shade of orange trees, imbibing the sweet rich juice of the fully-ripened fruit, and the additional novelty of a sunburnt brow, all in the midst of the month of December, are things not soon to be forgotten.

ON THE PUPATION OF THE NYMPHALIDÆ.

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In Ent. Mo. Magazine for August, 1878, is a paper by Dr. J. A. Osborne, respecting a discovery made by him of the mode by which the larvæ of the Nymphalidæ attach the chrysalis to the button of silk, and which is "altogether at variance with the account given in Kirby and Spence and other works." Dr. Osborne relates: "In watching the transformation of *V. Urticæ*, I found that the chrysalis was attached to the old skin of the caterpillar by a membrane sufficiently strong and permanent to support the insect during the critical last moments of pupation, and fully explaining why it does not fall down when the tail of the chrysalis is withdrawn from the old skin and thrust up to be attached to the silk." The