

are at a loss to assign it to its systematic position ; they also agree in considering it not to be *Rhopaloceros*. The eggs were laid on a currant leaf, and were received by me through Mr. Scudder after a three days journey. The following description was made soon after I received them, July 18th. Long. diam. .07, trans. diam. .05 inch. Top-shaped, tapering towards the apex, where they were slightly flattened ; sides much compressed, lacteous, sordid, with a large jet spot on each of the compressed sides, and a black dot above. Just before hatching, the spots disappear, the ground colour becomes pale lemon yellow, and the shell is luteous. Larvæ appeared on the 29th.; the first act of their existence was to eat the egg shells entirely, except the basal part by which they were glued to the leaf. When two days old, these caterpillars are one-sixteenth of an inch long ; head large, perpendicular, top-shaped, reddish-brown, luteous ; eyes black, shining ; mouth small, jaws not powerful ; body tapering toward : urite, above yellowish-brown, lighter underneath, very distinctly separated along the stigmatal line from the darker shade of the upper surface. Above, on each segment four black spines, branching thus—first a stout pedicel, branched like a Y, the inner branch being shorter than the outer, both divarications ending in four setoid appendages, three very short, and the fourth and exterior one as long as the rest of the spine and curving like that portion of the ellipse which would be included between two adjacent points of the intersections of the transverse and longitudinal axes with its circumference. These spines are .05 inch long. Whenever they move they march in single file. From several experiments I made, I am satisfied that they have no certain leader in moving. Their eyes seem to be useless, for they did not appear to perceive any difference between light and darkness, the leader seeming to feel his way along in a manner very unusual for larvæ, and those behind having each a very delicate silken thread about the length of the head of the larvæ, which attaches it to the one in front. There are prop-legs on the 2nd., 3rd., 4th., 5th and last abdominal segments.

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#### ENTOMOLOGY AT HELLMUTH COLLEGE.

At the request of the Head Master, the Rev. A. Sweatman, I recently accompanied my friend, Mr. W. Saunders, to the college, to adjudicate the prizes given for the collections of native insects, made by the boys during the summer vacation. Considering that this is the first effort of the school at entomology the result is most gratifying, and I feel sure that some slight notice of these collections will be of interest to the readers of the *Entomologist*.

The first prize, value \$15, was awarded to William Hugh Wood, who resides in Walsingham, in the county of Norfolk, and contained representa-