

a skin roughened with granulations and capitate or clavate projections (overlooked by previous describers), the little projections being visible even in the first stage, at which time they are less capitate. The *Chauliodes* larva has the last pair of spiracles on the tips of a pair of contractile filaments described as setæ by Walsh, who failed to apprehend their real nature and wrongly described the *Chauliodes* larva as having one pair of spiracles less and one abdominal joint less than that of *Corydalis*, whereas both larvæ have the same number of joints and spiracles, and both possess the rudimentary mesothoracic spiracle, which Mr. Riley finds more common in insects than is generally supposed. In other structural respects, as well as in habits and transformations, the two larvæ greatly resemble each other. The eggs of *Chauliodes* have a longer tubercle or stem on the top, and are not covered with white albuminous material as are those of *Corydalis*. Mr. Riley has obtained large additional numbers of the egg masses of the latter during the past summer, finding them not only on the leaves as described in his former paper, but on the stems of different trees, as well as on rocks overhanging water. He has had as many as twenty egg masses on a single maple leaf, both sides of the leaf being completely plastered up by them; and as a large number of these masses will generally be found in some one particular locality, or on a few branches of the same tree, the assumption is that the females congregate for purposes of oviposition. The white, albuminous substance covering these eggs shows by analysis that it has all the physical properties of wax.

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HOW DO CRICKETS PRODUCE THEIR SOUND?—I have frequently tried to find out how crickets produce their well-known chirrup; but only on one occasion did I succeed in inducing a cricket to exercise itself in that direction, they having apparently a great objection to "sing" in captivity. On the occasion I refer to, I put two crickets—a pair—under a tumbler, whereupon the male immediately raised its elytra and shuffled them together, producing a noise which would be best represented by the word "shilly." It repeated this several times with its head towards the female, who probably considered herself insulted, for she literally clawed his face with one of her hind feet, supplementing this action with a sudden and violent kick, and from that time the male took no more notice of her.—  
*J. P. B., in Science Gossip.*