

a body consisting of twelve segments or joints, on each side of which there are nine breathing holes, and three red feet. The head is large, in proportion to the body, of a reddish colour, with a pincer before, and a semi-circular lip, with which it cuts the roots of plants, and sucks out their moisture. As this insect lives entirely under ground, it has no occasion for eyes, and accordingly it is found to have none; but is furnished with two feelers, which serve to direct its motions.

It is not till the end of the fourth year, that this extraordinary insect prepares to emerge from its subterraneous abode, and even this is not effected, but by a tedious preparation. About the latter end of autumn, the grub begins to perceive the approach of its transformation; it then buries itself deeper and deeper in the earth, sometimes six feet beneath the surface, and there forms a capacious apartment, the walls of which it renders very smooth and shining, by the excretions of its body. Its abode being thus completed, it begins soon after to shorten itself, to swell, and to burst its last skin, in order to assume the form of a crysalis. This, in the beginning, appears of a yellowish colour, which heightens by degrees, till, at last, it is seen