etc., with wonderful labour and perseverance; but the most curious instance is that of the tumble-dung, (Scarabacus pilularius.) This beetle, having previously prepared a grave for its ova, encloses its egg in a ball of soft dung, which, when indurated by the power of the sun, they roll along the ground until they reach the excavation, into which it is dropped. have seen numbers of these little animals, during the spring time in Virginia, trundling their pellets over the hard road, and were much amused at their progress, and the resolution with which they strove to overcome the obstacles in the way. Two individuals are generally employed in conveying the burden; one in front, assisting with its legs while walking backward; the other pushing on the opposite side with its hind legs, calling into play those amazing powers of physical strengt's, with which this insect is peculiarly gifted. Often, on arriving at the top of a small hillock, the ball would slip from their hold and course to the plain beneath, yet as often would they recover their charge and recommence the journey. We may mention here, that species of spider (Lycossa saccata) which carries hereggs in a bag or case, fastened as an appendage to the body of the mother, until, not only the young spiders are hatched, but have acquired sufficient strength to venture beyond the care of the parent insect. The ear-wig is the only insect which has been observed to hatch her ova by the process of incubation.

Our preceding remarks were limited to those insects which are oviparous, or depositing eggs from whence the embryo is extricated in the commencement of its first stage. There are however, exceptions to this rule; where the larva is produced alive, and unconfined in any envelope from the body of the mother, having previously undergone development in oro, consequently these are termed oro viriparous, of this kind, the scorpion and blow-fly are examples. In the latter, the embryo flies are formed into an immense coil, which is wound up in a pouch within the abdomen; these, as they are hatched, are lodged upon dead animal substances, to the number, as Reaumur estimated of 20,000, which easily accounts for the prodigious quantity of maggots found among putrid carcasses; it is this mode of generating larva, which gives rise to that evil denominated fly-blow, but the trifling nuisance occasioned thereby, is absorbed in the reflection, that, through this simple means, nature is enabled to destroy the noxious qualities attendant upon organic decompositon.

The Aphides, that large family of insects which, living on the juices of plants, infest every portion of the vegetable kingdom, afford a sugular anomaly in the history of animals, at they are ove viviparous in summer, and ovigarous in the autumn; but it is discovered that these separate modes are peculiar to different generations, and not common to the same is dividual.

The intention of this provision is evident, a in the egg state, the germ is alone capable of enduring the cold season that precedes its is velopment in the ensuing spring. This class is also remarkable in another respect, nameli in producing young for nine successive genertions without impregnation, which is perfected in the short space of nine months; so rapid; their merease. Some idea may be formed a their astonishing fecundity, when we ment that Reaumur ascertained by experiment, "oz Aphis may be the progenitor of 5,904,900,07 descendants during its life," and that in on year there may be twenty generations.

The incalculable number of these insecwhich swarms upon every leaf as soon as the are expanded by the warmth of spring, an also the great quantities of caterpillars, at time appearing, as if spontaneously, have given as to the opinion of their being wafted by the power of some noxious wind; hence the terr blight, which was imagined to account for the natural phenomenon. The truth is, that thes eggs, equally exposed to atmospherical infla ences, and laid nearly about the same time, are consequently matured simultaneously; which explains the sudden appearance of such multitudes of living creatures, whose magical presence, many of our fair readers may have w. nessed, to their sorrow, upon the buds and leaves of their favourite flowers. These plan lice, secrete the honey dew, as it is absurdle called, to be seen in small drops upon leave which they frequent-of this sweet liquid, and are very fond; an almost improbable instanc of which we may be permitted to mention.

In the spring of 1840, a small thorn tree was found almost deprived of its growth and foliage from the ravage of innumerable aphides, as the continual draining of the sap had dried and shriveled the leaves and young shoots. The tree was visited by numbers of ants, for what purpose was not evident at first, as there was no appearance of honey-dew whatever. These sats were continually walking over the legions with which every leaf and stalk were paved and pausing at each aphis, moved its an tennat as if employed in some definite purpose; at