nt drop to exude from one of the aphides, destroy? hich was immediately lapped up by the ant, ho then advanced to the next individual, and ritating it with its antennae, obtained a simir supply of the sweet secretion. This strange ansaction we watched for some time, until ery aphis had been taxed for food in the same anner, when the ant proceeded to collect the entributions of a fresh colony.

In conclusion, it will not be amiss to offer a w observations upon the eggs of insects in eneral. They are of several shapes; cylinric, oval, oblate-sph roidal, sugar-loafed, prisauc, bottle-shaped etc., besides, which, in everal instances, they are ornamented with bs, tiles, or hexagonal net work, which suress the most delicate sculpture of human art. or what purpose such infinity of form, and egance of design are expended upon so insigficant and minute an object as the egg of an sect, may well excite our inquiry, and baffle e keenest penetration. But when we conmplate for a moment, the ineffable harmony buch pervades the universe, and radiates, like beam of light, our little globe; -that elouent beauty, which, differently revealed to gr senses, whether through the symmetrical ombination of curved lines, the euphony of band, or the grandeur of accordant motion, is sentially the same; -it may be deemed an inparable quality of nature—is it not an attribute God? It would be wiser in our unsuccessful forts, to trace the application, which such diersity of structure would imply, to the puroses of inscrutable Providence, to console urselves with the belief, that nothing ever was kade in vain!

The eggs of some insects are furnished with valve, or lid at one end, to facilitate the escape the larva from its confinement; and in a few pecies, as the law-fly, ant, etc., the egg attains sensible growth, during the process of hatchng, which, as in birds, is accelerated by heat. lowever, exposure to the greatest severity of ut winter, or the most intense artificial cold bes not affect the vitality of insect eggs, nor te they observed to freeze in consequence .-hat is this mysterious principle, this ris ritae, thich only awaits the concurrence of favourble circumstances to stimulate its latent proerties into action, \* and which, when in most

ngth, to our surprise, we observed a transpa- | powerful operation, the slightest injury can

The fecundity of insects is very great compared to other animals. The spider lays 1,000 eggs in a season; a gall insect will produce 5,000 at a time; a bed-bug, in twelve months, may be the primogenitor of 21,909,026 offspring; while the queen of the white ants produces, in the same time, the surprising number of 31,536,-000 eggs.

To the theory which some naturalists have advanced, that the atmosphere is filled with numberless ova of insects, it has been objected that the impregnated eggs of all known species are heavier than air; indeed, the specific gravity is such that, upon experiment, they immediately sink in water; although some can scarcely be seen with the naked eye, from their extreme tenuity. Besides, it seems inconsistent with the remarkable care with which insects deposit their eggs and provide for their security by gluing them down, or covering them with a thick web, as an additional protection from accidental removal or atmospherical influence. But when we consider the infinite minuteness of microsconic animalculæ, the invriads of creatures which our limited researches, wonderful as they are, may not have yet discovered, it can hardly be considered incredible that multitudes of unseen animals may inhabit, as their peculiar element, the atmosphere that floats around as; and perform all their actions independent of the solid earth. It would require no great effort of the imagination to suppose that such would intrust their ova, as fishes do their spawn, to the fluid in which they exist, and that they arrive at maturity in the same medium.

What a forcible contrast does the present season yield to the vivid associations of the Now, while the pen is resummer time. cording these thoughts, the cold, dead mantle of winter is clasping, as a shroud, the leafless tree and the ice-bound stream. From the mute earth there comes no sound of rejoicing; the grasshopper's song and the horn of the warrior bee are like the imaginary music of a half-forgotten dream; the withering storm-gusts of the winter wind are sweeping through the aisles of the forest, awakening within the breast a sense of utter desolation. But let the blast roar cn-let the snow-wreathes creen and curl upon the stems of the hardy pines, for as sure as the revivified rays of the sun will, etclong, chase away every vestige of their tyranny, so certain is it that each particle of imprisoned ground beneath, every branch, bough and trunk

<sup>\*</sup>A grain of wheat, from the wrappings of an gyptian mummy, has been made to germinate ter an interval of three thousand years; and pads are found ontombed alive in solid rocks, there they must have remained for ages.