latter portion of their history is more immediately connected with the present subject, we may be permitted to offer a few general remerks thercupon.
The perfect insect, issuing from its te mpurary shroud, provided with means and instincts, widely distinct from those of which it was possessed during any previcus period of its life, spreads its new-born wings and launches into an element in which it never before was capable of venturing.
But there is little time wasted in unprofitable amusement, the chief attention seems to be directed to the preservation of its species, indecel, it seems to be the main intention of Cature, in effecting the last transformation, that an opportunity should be given cach insict to make provision for a contimuance of kind; as soon after the accomplishment of that parpose they almost invariably die,-and though some may linger out a few monthe, yet the greater number do not survive until their progeny is hatched, but seem to have fulfilled the last object of their lives, and are content to relinquish the ditties of their little sphere to the brood which the ensuing summer is sure to bring forth, with its vivifying beams.

Insects in this stage cat little, and therefore we do not observe any very great enlargement in their growth, as they attain full size white in the aurelia. In some inscets (a species of ephemera, for instance, the purposes of this stage are completed in a couple of hours, and in some countries, at certain periods, myriads are seen eplinging into air, while myriads are continually falling, until the ground is covered with their lifeless remains. It seems a remarkable provision of Nature, that females, during - the progress of pa:turition, are more tenacious of life than at any other period-a fact which strikingly illustrates the great importance attached by the Almighty to the prescriation of species. We have observed this in various moths, which were fourd most dificult to deprive of life, for the purpose of study, while laying; for, though impaled in the usual way, hey still persisted in depositing ova, in a regular manner, on the hex where they were fastened, as if unsusceptible of pain-the force of instinct triumphing over every other fecling.

Insects usually deposit their cegs singly, or in groups, rpon or near those substances on which their larvac feed; with the exception of some that hollow excavations, or fabricate nests in which their young ..re brought forth; and here are secn evidences of the most s.rprising ingenuity and labour. In the firsi instance, we
cannot sufficiently admire the sagacity of the mother in selectung a locality so favourable fo: the nourishment of the future progeny, whos habits and structure are so different from has own; for it must be remembered that she hat undergone several complete transmigratoons and may be considered mevery respect a difer. ent species, save in the undeviaung faculty © producing or cro, an indiwdual of the typefror Which it orignally sprang. It is well known tha: substaness in a state of decomposition, are a favourite midus for the maturation of insect cgms: which has given rise to the opinion, that mazgots were produced spontancously from the fermentation of dead bodies, instead of resulung from innumerable ora, implanted therein by insects, attracted through the efluvia of putre faction. And thus we trace a wise and beneficient purpose cffected by means of these, afparently insigruficant creatures, in the economy of Nature; for, as the larvae feed voreciously upon those substances, in that manne: carrion and other oflensive orgame remansart destroyed, wheh would otherwise contamnat: the atmosphere, and prove injurious to the health or comfort of mankind.
Among insects of prev; there is a large family: (Iclncumons) the individuals of which have this pecularity: they are furnished wib a borer, (aripositor) projcctung like a bristle or tail, from the aldomen, by means of whict they are cnabled to penetrats the bark of trees. the bodics of other insects, and even their egga for the purpose of lodging ova in their sutstance. All larvae are subject to the attack: of these parasites, partucularly those of moths and butterfics; and, strange to say, a cate. pilar has been known to surviee several broods, generated in this manner, in the fatty materel of which it is composed-even when lungs an: heart have been devoured, and the ammalite duced to a mere hollow sack. So minute art some of these tormentors, that a butterflys egg has been known to contain several of there in its interior.
Some insects cover their eggs with down whatil is furnished from their own bodies, as a protection from the seventy of winter. Th: Gipsey Moth is an instance of this kind, and, to accomplish this purpose, her tall is covere with a bunch of that material, whech she artaches to her eggs by means of a glutinou: fluid, with which they are morstened. The we rious methods in which insect eggs are depo sited are very curious; some are ranged in2 circle, some enclasp a twig, like a bracele. ? whilc others again are wound round the branca

