the operations of Divine Wisdom in this single ing. Their eyes are fixed, and they have no instance of nourishment! But it is no wonder eyebrows, but to prevent them from injury the that a Good who could create see actonishing latter want is supplied by the external tunic of different species of insects, I would briefly obtained and exquisite pieces of machine plants and their eyes being hard and transparent, and to serve, that in the mouth of the Gnat we have an entirely could receive the could be completely and the could receive the could be completely and the could be completely as a completely and the could be completely and the could be completely as a completely and the could be completely as a completely and the could be completely as a animals, could prescribe such laws to matter remedy the former some insects have four, some admirable specimen of the instrument necessary and motion as to nourish and preserve the six, others eight, while the number of lenses in for such a blood thirsty animal; the nails of individuals, as well as to propagate the species some of those who have only two is amazing inthrough all ages to the end of time.

THE BOOK OF NATURE LAID OPEN.

INSECTS.

particular order of the creatures of the Almighty degree of dignity. If while we dissect with care very defficult, if not impossible, to say where it is most, and where it is least to be observed."

to do any thing like justice to a subject, which of a mouth, a nose, and a windpipe! can never be sufficiently investigated. I would however, consistent with my general plan, notice which it will be sufficiently evident that insects are also the children of the same common parent, whose wisdom and goodness are so conspicuous

in his other works.

In the head of an insect no organization of the brain is said to be discovered, but the want of this is abundantly made up by that medullary thread which communicates the vital principal to the other parts of their bodies, and endows them tender charge of infants not their own. with that tenacity of life, which, as has been already observed, is so useful to the species, survey of the insect tribes, is the wonderful Nonther are they apparently furnished with the transformation many of them undergo in the difusual organs of smelling and hearing, but whe- ferent stages of an egg, a grub or worm, a chryther the olfactory nerves communicate with the salis, till they arrive at their most perfect or fly feelers, and the auricular organs are situated in state; in each of which changes not only their upon insects, there can be no doubt but the prethe antenne, as Mr. BARBUTT supposes, for not, form and structure, but their very nature and cipal object the Creator had in view in the for a brother in distress, when he alarms them by to flower: how wonderful the change from that spective spheres, to the service of man. By the his noise outside the hive, that insects are not dead and inanimate state in which its beauties labours and exertions of the BEE we are provided deficient in the senses of seeing and hearing, lately lay concealed, or from the grovelling rep- with stores of honey and wax;—the seemingly wherever the organs may be situated. The tile which on the cabbage leaf partook voracious-contemptible little Silk-Worm presents us, it manner of respiration is different in insects from the Caterpillar to the sleeping other animals; they breathe through porces placed other dainties! in the sides of their bodies, and this also fits them If any thing were wanting to prove the wise costly raiment -From the Cantharis come the for that remarkable peculiarity of living in sepa- disposition of the parts and appetites of animals Spanish Flies, so useful in blisters—the Kernes rate parts. In the composition of insects no to their various situations and habits, here we is also valuable for medicinal purposes -- and the

fied inte flesh and bones, norves and membranes. in some by a membraneous or muscular skin, structure and taste both undergo an alteration How conspicuous, and yet how admirable are and in others by a crustaceous or horny cover- when its sphere of action and propunsities bedoed.

for seeing minute objects nigh at hand, but from of a Louse, need not be told that it is a blood the smallness and convexity of their lensis, it is sucker. The legs of the Locust and of the Instead therefore of having the presumption to stigmatize in the most remote degree, this particular order of the creatures of the Almighty as affording evidences of imperfection, let us nished them with those projecting horns or feel-stronger than the mule, to anable her to survive rather, from similar considerations, adopt the ers with which they seem to grope as they ad the rigour of winter,—and the strong hairy leg rather, from similar considerations, adopt the words of the more judicious Swammeraan; and the strong hairy leg vance. Insects are also distinguished by the of the Ant are no less well contrived to assay the nature and anatomy of the smallest as well as the largest animals, I cannot help allowing the least an equal, or perhaps a superior ing the least an equal, or perhaps a superior degree of dignity. If while we dissect with care fourteen, sixteen, and even a great many more their least on such animals or varietable substantial to the fourteen, sixteen, and even a great many more their least on less well contrived to assay the first the first he indefatigable labours of the hill, the most insects have four wings, while no other specific the two claws with which they are armed an the largest animals, I cannot help allow though the greater part have six legs, others, as little creatures are taught uniformly to depose the largest animals. If while we dissect with care fourteen, sixteen, and even a great many more their legs and wings; of the latter of the first he indefatigable labours of the hill, the most insects have four wings, while no other specific the two claws with which they are armed an animals are included to assay the first heart and the first heart are no less well contrived to assay the first heart are no less well contrived to assay the first heart are no less well contrived to assay the first heart are no less well contrived to assay the first heart are no less well contrived to assay the first heart are no less well contrived to assay the first heart are no less well contrived to assay the first heart are no less well contrived to assay the first heart are no less well contrived to assay the first heart are no less well contrived to assay the first heart are no less well contrived to assay the first heart are no less well contrived to assay the first heart are no less well contrived to assay the first heart are no less well contrived to assay the first heart are no less well contrived to assay t fourteen, sixteen, and even a great many more their eggs on such animal or vegetable substate The pulpi are those bitle instruments fixed to ces, as furnish a proper and plentiful supply of the mouth of some insects, which seem to be in the worms or caterpillars, as soone tended to serve the purpose of arms, for they cover all these parts arranged in the least in the employ them to bring food to their mouths, and the Chrysalis or inactive state, select the mer same regular manner."And sum up the dispute in the condition of their mouths, and the Chrysalis or inactive state, select the mer than the condition of their mouths. the words of another naturalist. Of this dispute it keep it steady when enting. Some insects are proper situations and modes of concealment the words of another naturalist. Of this eispate it furnished with stings for defence, or to assist and that others, whose only metamorphosis constitution of the state of the defence of the state of the defence of the state of the defence of the state of the state of the defence of the state of the defence of the state of the st and such surprising art is discovered in the mesituations for injecting their eggs into the most convenient selves while undergoing the change by an enter
chanism of the body of every creature, that it is winged insects have a proboscis or trunk, which body although not so large, is as wonderfully contrived It is impossible in the compass of a few pages as that of the Blephant, and serves the purposes forth all of them in bands;" while the solitan

many of the insect tribe possess is amuzing — patience the entanglement of the fly.—Time A flea will draw a chain 100 times heavier than will not permit me to dwell on the geometrical terious and numerous order of beings by which itself; and the velocity of a mite, in proportion precision and mathematical exactness, we it is most distinguished from the others, and in to its size, is said to outstrip that of a race horse! which Bees form their combs; the wonderful is -With regard to sex there is one thing very genuity and contrivance of the Wasp's nest, a remarkable in this order, viz. that the Bees, the the order and regularity observed in the con Wasps, and Ants furnish an example of a species struction of the Ant-hill, as well as the prudent that belong to neither sex; and so are called and foresight which the whole of these evinces neuters;-these, however, are not without their their labours and pursuits; these, and the sings uses; and the affection they evince for the help-lar but convenient attitude which the Water-t less little creatures left to their caro, might serve assumes in swimming on his back, to enable as a lesson to those who are intrusted with the him the better to lay hold of his food, the under

The last thing I shall mention in this general

vances and Divine art it may be again diversi-thones are made use of, but this defect is supplied have it in the instance of the Butterfly, whose

crotchets of the Horse-fly, as well as its tenacity of life, evince that it is apt to be disturbed in it The eyes of insects are admirably adopted banquets; whoever attentively considers the form

"The Locusts have no king, yet go the spider having no wings to go in pursuit of be The degree of strength and agility which proy weaveth to herself a web, and watches wat side of plants which grow on the water, I ca only mention, and must proceed to consider; few of the

USES OF INSECTS.

From the number of animals in the different elements and regions of existence, which pm