

and employed upon higher objects ; with affections more spiritualized, and further removed from gross matter ?

The multiplication of these creatures, which, like the *Aphides*, are oviparous at one time, and viviparous at another, is sometimes prodigious, and only exceeded by that of the Infusories. A female *Cyclops*, the animal before alluded to, in the space of three months, after one fecundation which serves for several successive generations, lays her eggs ten times, and it has been calculated that from only eight of these ovipositions, allowing forty for each, she might be the progenitrix, incredible as it may seem, of four milliards and a half, or four thousand five hundred millions!!\* Another animal belonging to a genus of the present order,† was observed by Captain Kotzebue in such myriads that the sea exhibited a red stripe, a mile long, and a fathom broad, produced by a species, individually viewed, scarcely visible to the naked eye. How astonishing is the reflection, that in so short a space, in the case of the cyclops, a single individual should be gifted by its Creator to fill the waters with myriads of animated beings, supposing a single impregnated female at first to have been the surviving inhabitant of any given pool or ditch. Conjecture is lost when we meditate upon the mysterious subject. How can life, as originally imparted, at the interval of a few months be so multiplied and subdivided, as that such infinite shoals of beings shall each have a share in the wonderful bequest? But, when we reflect that an Omnipresent Deity is everywhere mighty in operation, working all in all, and that he guideth all the powers of nature, as the rider guideth the horse upon which he sitteth, to answer the purposes of his providence;‡ we may easily conceive, that under his superintendence the thing may be

\* Latreille, Cours D'Entomologie, i. 421.

† Calanus.

‡ 1 Cor. xii. 6. Ps. lxxviii. 4, 33.