

cuttings, or, in other words, which, if divided into two or more parts, each part in time becomes a separate and perfect animal; the head shoots forth a tail, and, on the contrary the tail produces a head; some of these will bear dividing into two parts, such as the earth-worm: some may be divided into more than two, and of this kind are many of the star fish; others may be cut into a thousand parts, each becoming a perfect animal; they may be turned inside out, like the finger of a glove, they may be moulded into all manner of shapes, yet still their vital principal remains, still every single part becomes perfect in its kind, and, after a few days existence, exhibits all the arts and industry of its parent.

The first in this class is the *Worm* kind, which, being entirely destitute of feet, trail themselves along the ground, and find a safe retreat under the earth, or in the water. As these, like serpents, have a creeping motion, so both, in general, go under the common appellation of reptiles; their manner of moving is, however, very different, for the worm has a power of contracting or lengthening itself at will. There is a spiral muscle,