

To what a variety of uses are analogous organs applied in the diversified instances here adduced; and in all these variations from a common type, how apparent are the footsteps of an intelligent First Cause, taking into consideration the intended station and functions of every animal, and how the structure may be best adapted to them, not only in general, but in every particular organ.

As far as we can lift up the mystic veil that covers the face of nature, by means of observation and experiment, we find that every iota and tittle of an animal's structure is with a view to some end important to it; and the Almighty fabricator of the Universe and its inhabitants, when he formed and moulded, *ex præjacente materia*, the creatures of his hand, decreed that the sphere of locomotive and sentient beings should be drawn together by mutual attraction, and concatenated by possessing parts in common, though not always devoted to a common use; thus leading us gradually from one form to another, till we arrive at the highest and most distinguished of the visible creation; and instructing us by his works, as well as by his word, to cultivate peace and union, and to seek the good of the community to which we belong; and, as far as our influence goes, of the whole of His creation.

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## CHAPTER XVII.

### MOTIVE, LOCOMOTIVE, AND PREHENSORY ORGANS OF ANIMALS CONSIDERED.

THE remarkable circumstances noticed in the last chapter with regard to the legs of Crustaceans and Myriapods, and