

gizzard that proves their predaceous or carnivorous habits ; the remaining genera are herbivorous, but as they exhibit no very interesting traits I shall proceed to the next order.

The *Trachelipods*, constituting Lamarck's third Order of Molluscans, may be divided into those that are *herbivorous*, and those that are *carnivorous*, the first having no respiratory siphon, with which the others are furnished.

The herbivorous Trachelipods may be subdivided into *terrestrial* and *aquatic*, and the latter into those that inhabit fresh water or salt. It is not known that any of the predaceous ones are terrestrial. The terrestrial ones not only

against a bony plate placed like an upper jaw within the mouth. This remarkable tongue, when unrolled, is at least three times longer than the body of the animal itself, and when not in use, is packed up in close spiral folds, in a cavity appropriated to its reception. The teeth, which arm the surface of this remarkable apparatus, are towards the extremity of the organ, of almost crystalline hardness, adapted to abrade by their action almost any substance to which they are applied ; but posteriorly, that is, near the root of the tongue, they are of a softer texture : when, however, the front ranks become destroyed by use, the hinder ones, advancing forward, assume the same density of structure and thus continually furnish from behind weapons to supply the place of those which have become blunted by use. An arrangement essentially similar, and equally illustrative of the providence of the Creator, is met with in the skates and sharks, whose work is to destroy, not vegetable, but animal existence. In these creatures, the teeth, instead of being implanted in the jaws, as amongst higher animals, are simply spread over the surface of the tongue and gums ; those upon the tongue, like those of the limpet, are so small, we scarcely call them teeth, but on the gums we find them changed to awful weapons, rank behind rank, like soldiers on the battle-field ; yet the front ranks alone are ready for the work of butchery, those behind lie flat within the mouth, concealed behind a fleshy screen ; but as the front are worn away and blunted, these rise up, row after row, to take the place of those that now are useless. Thus, however long such formidable tyrants are permitted to restrain the immense fertility of ocean's progeny, the butcher's knives are always sharp and ready to perform the stern behests of Him who issued forth the fiat, " Death to every living thing."