

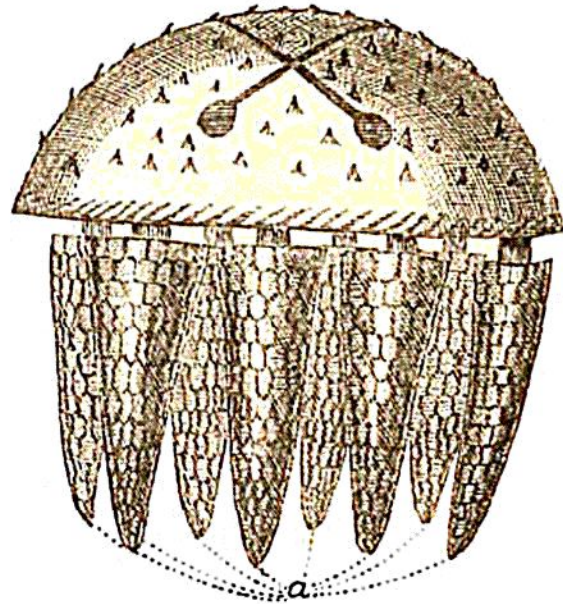
Another phosphoric animal\* of the present tribe is distinguished by a dorsal crest, resembling a vesicle full of air, and which it is said to use as a sail, like many of the Molluscans, to conduct

Fig. 13.



*Physalus pelagica*. Portuguese Man o' War.

Fig. 14.



*Cephea mosaica*.

by the observations of various distinguished naturalists, a wide field for exploration still presents itself. From the researches of M. Sars and others, it appears that the young of the Medusæ, when first produced, bear a very close resemblance to the gemmules whereby sponges are propagated, and like them swim about by the agency of locomotive cilia; these, after a time attaching themselves to some fixed object by one extremity, assume the appearance of polypes, a series of tentacula becoming gradually developed.—T. R. J.

\* The *Physalus* or *Portuguese man-of-war*. These wonderful animals belong to a group distinguished by Cuvier under the name of Hydrostatic Acælephes, on account of the remarkable floating apparatus with which they are provided. This consists of a very large oblong bladder filled with air apparently representing the body of the animal, upon its top is spread out a gorgeously coloured sail of very delicate texture, while from its under surface a great number of variously constructed organs are suspended, serving nutrition and reproduction. At one extremity the hydrostatic float is perforated by a small orifice through which the contained air may