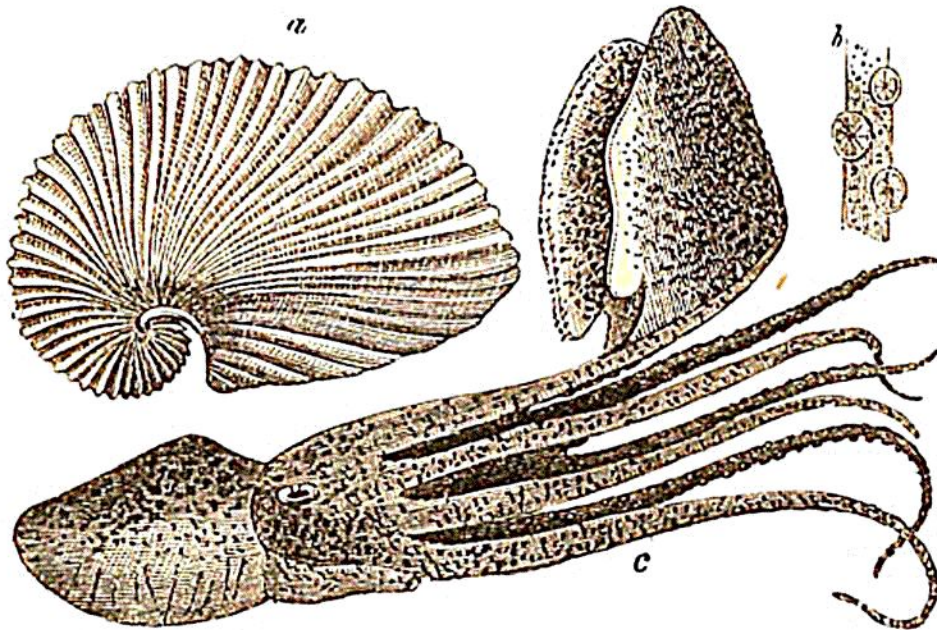


between this genus and the Cephalopods amounting to something more than a mere analogical resemblance.

Mr. Owen has divided this Class into two Orders, from the composition of their respiratory organs, namely, those that have two branchiæ,* or gills, and those that have four.† The first includes those that have no shell, and the second those that have one. The last is further divisible into those whose shell has many chambers, as the *Nautilus*, and those where it has only one, as the *Argonaut*, or paper nautilus.

Fig. 46.



Argonauta argo.

a. The Shell. b. Portion of one of the arms showing the suckers. c. The animal removed from its shell.

To the first of these Orders belongs the *cuttle-fish*,‡ one of the most wonderful works of the Creator. Its mouth is surrounded by eight long fleshy arms, or rather legs, somewhat conical in shape, and acute at the end, moved by innumerable nerves, furnished from numerous ganglions: these legs can bend in every direction with the utmost vigour and activity, their surface is furnished with many suckers, by which they can fix themselves strongly to anything they wish to lay hold of, and by means of which, like the star-

* Dibranchiata.

† Tetrabranchiata.

‡ Sepia.