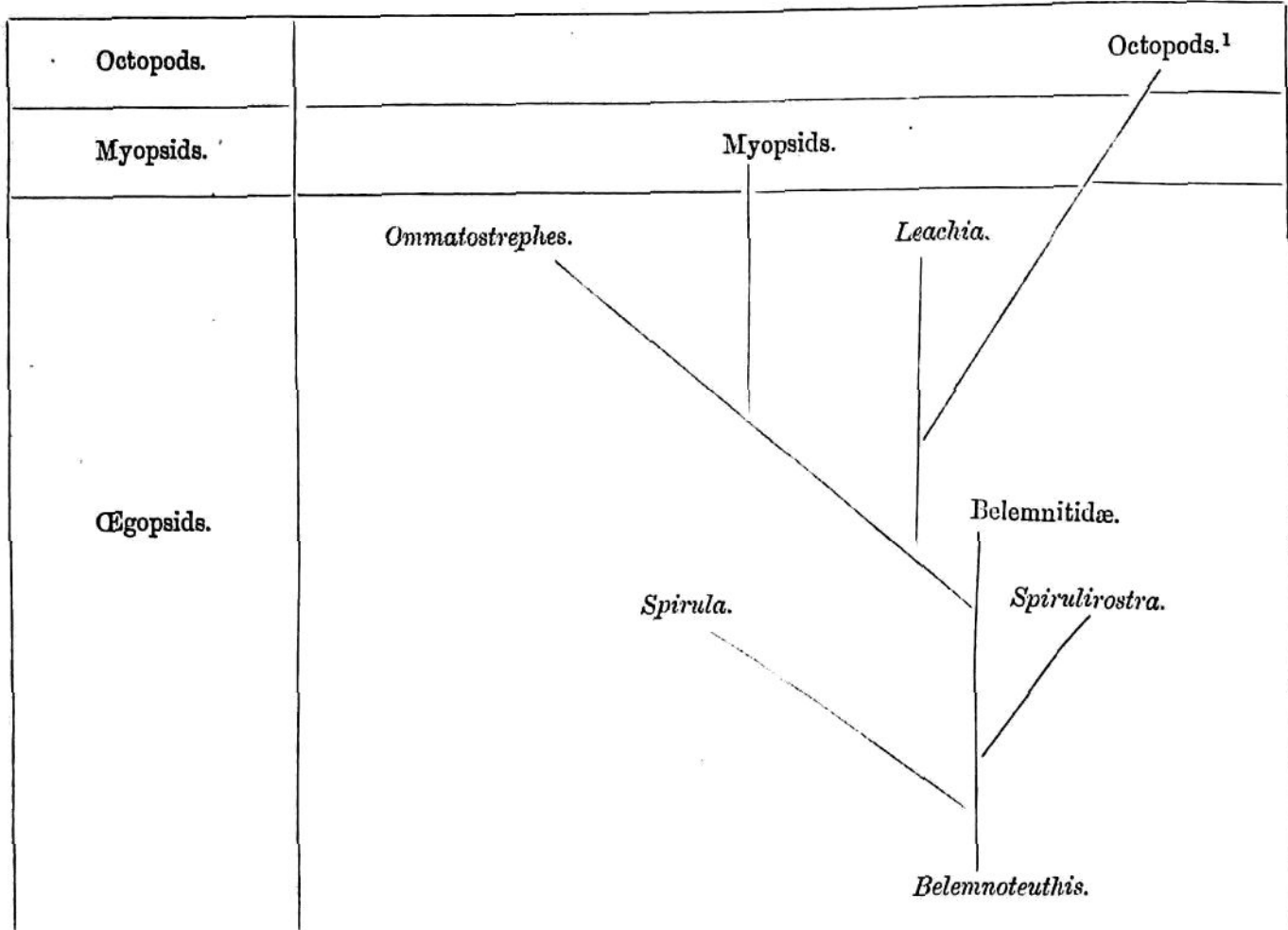


The phylogenetic relations of *Spirula* with other Dibranchiates may be represented by the following table :



¹ The relations of the Octopods with the Cegopsids (more archaic), and especially the group *Leachia*, are demonstrated by the following facts :

1st. Certain of these last have not more than eight arms (*Leachia*, *Chaunoteuthis*, *Chiroteuthis bonplandi*, adult *Veranya*, the Cephalopod [embryo] of Grenacher).

2nd. *Cranchia* and *Leachia* among the Cegopsids, and the generality of Octopods, are deprived of a well-developed "resistance" apparatus.

3rd. The Octopods, like the Cegopsids, have still two pairs of well-developed salivary glands.

4th. *Leachia* and *Chiroteuthis bonplandi* have no longer an infundibular valvule like the Octopods.

5th. The kidneys of the Octopods and of the Cegopsids stretch only to the ventral side of the visceral sac.

6th. The Octopods and the Cegopsids have two oviducts.

7th. *Cranchia* and *Leachia* have no longer any nidamental glands, like the Octopods.

8th. In the Octopods, like the Cegopsids, we find cases of hectocotyliised arms on the right or on the left.