

*theptyra*, the only pelagic crustaceans found by us north of the ridge being *Hymenodora glacialis* and species of *Pasiphæa*.

In the upper layers, however, different scopolids have been found both by us and by others, and on the Norwegian coast the silvery species of *Argyropelecus*, which inhabit depths of about 300 metres in the Atlantic, have occasionally been met with. It seems tolerably certain, therefore, that *the Wyville Thomson Ridge shuts out the whole of the Atlantic pelagic deep-sea fauna from the Norwegian Sea*, and that it is only in the superficial layers from the surface down to 400 or 500 metres that pelagic forms are able to wander in from the Atlantic.

That the bottom-fauna is different on either side of the ridge is well known. Our trawlings, both on this occasion and previously, have merely helped to confirm the fact; still we secured a very large amount of material, which in itself is of

Benthos of  
the Faroe  
Channel.

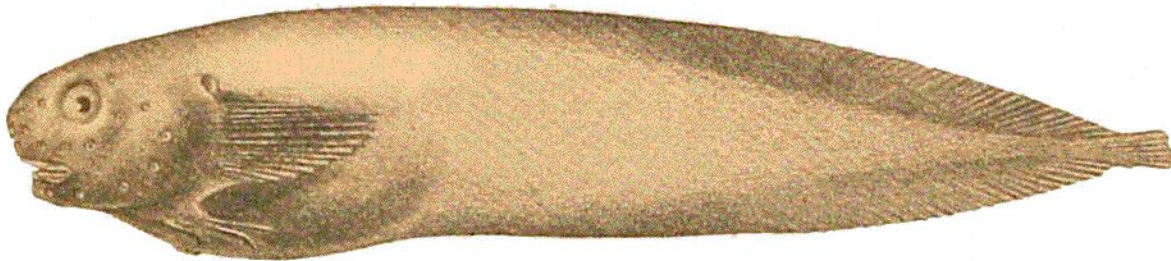


FIG. 107.  
*Paratiparis bathybi*, Coll. Nat. size, 23 cm.  
(Taken in pelagic haul in Norwegian Sea, May 1911.)

considerable interest. At Station 101 (south of the ridge), in 1000 fathoms (1853 metres) of water, a haul of two hours' duration yielded a barrel-full of lower animals, most of which were echinoderms, and ninety fishes (*Macrurus*, *Antimora*, *Alepocephalus*, *Harriotta*, and *Synaphobranchi*), representing a fauna that may be said to characterise the north-east Atlantic from the Wyville Thomson Ridge southwards, far along the coast of Africa. The remarkable fish, *Harriotta raleighana*, which we captured at Station 101, a few miles from the deep water of the Norwegian Sea, had been previously taken by us at Station 35, to the south of the Canary Islands. On the other hand, fish that exist only a few miles farther north, on the northern side of the ridge, never enter the Atlantic, though in the deep water of the Norwegian Sea they may be met with as far north as Spitsbergen, and perhaps even still farther north.

The "Michael Sars" anchored at Bergen on 15th August. During her four and a half months' cruise she had traversed 11,500

Extent of  
the cruise.