that the lines in the map are wrongly drawn, because had there been many more stations the lines might have formed a number of vortices, like those mentioned above, p. 282. However that may be, it is a fact that we fell in with a current running south-west, in the midst of the water-masses following the direction of the Gulf Stream towards the north-east, and this singular circumstance may be dealt with in greater detail.

The section shown in Fig. 204 stretches from the Sargasso Sea along the track of the "Michael Sars" northwards to the

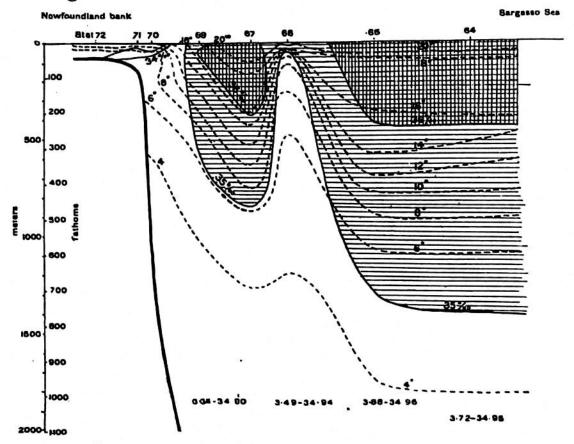


FIG. 204.—SECTION FROM THE SARGASSO SEA TO THE NEWFOUNDLAND BANK.

Newfoundland Bank. At Stations 64 and 65 the conditions were uniform, resembling those found during the cruise from the Canaries westwards (see Fig. 63, p. 84). All this part of the Atlantic in and about the Sargasso Sea belongs to an oceanographically homogeneous region, but at Station 66 we suddenly met with very different conditions, for it was much colder in all the layers above the deep water, and the salinities were much lower. On proceeding farther north we again found, at Station 67, the same warm and salt water-masses as farther south at Stations 64 and 65. There was a decided difference also as regards the pelagic flora and fauna, which had a more northern facies at Station 66 than at Stations