

between the oceanic sub-tropical waters from the south and the arctic Labrador current from the north. All changes in temperature are therefore on the western side very sharp. On the eastern side the layers are spread out fan-wise, and as a consequence we may at a depth of 100 metres find the same temperature prevailing from north to south over wide areas, as,

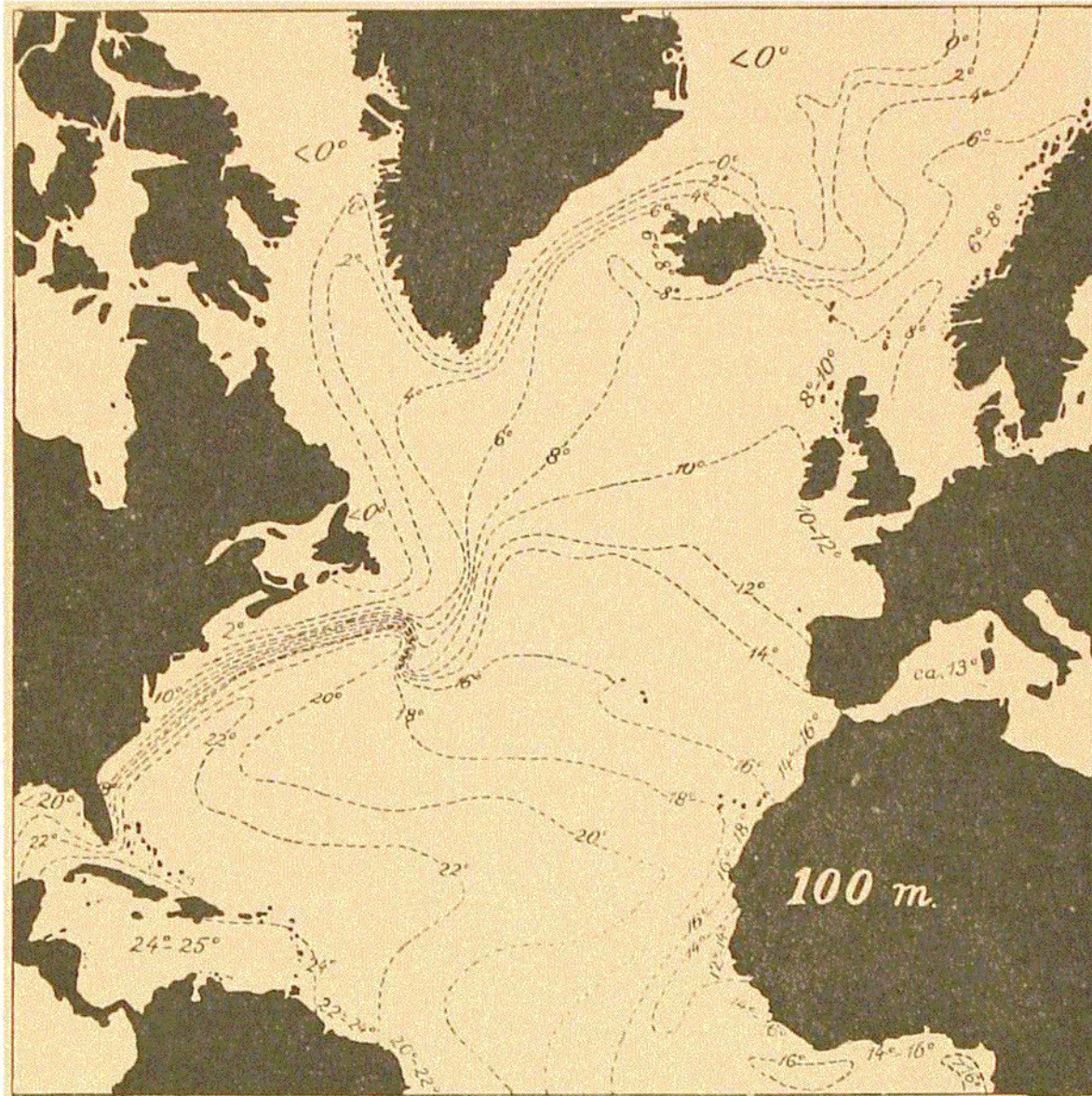


FIG. 312.—DISTRIBUTION OF TEMPERATURE IN THE NORTH ATLANTIC AT A DEPTH OF 100 METRES. (Drawn by Helland-Hansen.)

for instance, along the coast of Norway from the North Sea to the North Cape.

We may now discuss the distribution of the southern and northern species.

Comparing the percentages of the different species noted in the quantities landed from different geographical areas (see The southern species.)