temperature readings down to a depth of 4850 metres. We were interested to discover that the bottom temperature was only slightly under 2½° C., and thus exactly agreed with what we had previously found in the eastern basin.

During the night several flying-fish came on board, and in the morning we again saw small patches of the Sargasso weed. Gran came to the conclusion that these patches must be much younger, or, rather, that they have drifted for a shorter time, than the ones found farther east. They had long vigorous shoots, which reached higher up above the water than the older growths, and it was easy to tell the top in every patch. In the older growths, which had been drifting about for a long time, the shoots in every direction were more stunted, and the patches became mere tangled masses of weed and lay deeper in the water. We found on them the ordinary small crabs (*Planes minutus*), needle-fish (*Syngnathus pelagicus*), frog-fish (*Antennarius*), molluscs, compound ascidians, and hydroids (see Plates V. and VI., Chapter X.). Sargasso weed.

Station 64 was one of our most successful stations. The pelagic appliances were lowered in the morning between 6.30 A.M. and 9 A.M., and hauled in from 2.30 P.M. to 5 P.M., with excellent results. In the surface layers we secured a quantity of fish-eggs, including various stages of the eggs of scombresocids, tiny young fish with stalk-eyes, two small eel larvæ (4.1 cm. and 4.8 cm. long), a number of remarkable cuttle-fish, and three small leptocephali (1.7 cm., 1.7 cm., and 2.1 cm. in length), all differing in appearance. They cannot belong to the larvæ of the common eel, because they have too many muscle segments (over 130).

In deep water we got the same familiar forms in unusually large quantities. The following table shows the numbers of the species most commonly occurring, belonging to the genus *Cyclothone*:—

	Light-coloured, *Cyclothone signata.*	Dark-coloured, *C. microdon.*
Young-fish trawl at 500 metres .	1240	214 (small individuals)
„ „ 1000 „ .	82	448
„ „ 1500 „ .	22	322
	1344	984

Thus of the two species we were able to preserve more than 2000 individuals; we endeavoured to keep all that were brought on board, but a good many were damaged by the apparatus, and had to be thrown away.