

and the discussion of the correlation and the general bearings of the results in all the departments. This part has been relegated in the present instance to a staff of specialists under my direction.

The preparation of the Hydrographical and Physical Report would naturally have devolved upon Sir George S. Nares, K.C.B., F.R.S., under whose direction the whole system of observation was carried out during the first two years of the voyage. When Captain Nares was recalled to take command of the Arctic Expedition which left England in 1875, he was succeeded in the command of the CHALLENGER by Captain Thomson, and by the wish of that officer the same system was continued during the remainder of the cruise, the Hydrography and Meteorology being under the superintendence of Staff-Commander Tizard, in whose hands Captain Nares most liberally left his notes and memoranda. When the ship returned to England in 1876, the Hydrographer of the Admiralty, who has throughout taken the warmest interest in the success of the undertaking, so adjusted the duties of Staff-Commander Tizard that that officer has been able to give his effective assistance in the preparation of the Report. All the charts and plans have been prepared under his superintendence; and all the physical data which occur, whether in the first volume, to which his name is attached, or in the volumes devoted to special subjects, have been supplied or revised by him.

For the general instructions under which the expedition was despatched, I must refer to Appendix A of the first volume of the Report. I need only mention here that one of our principal objects of inquiry was the nature and distribution of the fauna of the ocean basins, and the form under which life was maintained under different physical conditions; and that my own instructions as to the conduct of the zoological investigations were very general, the details being left almost entirely to my own discretion. Three gentlemen versed in different branches of Zoology were associated with me in this