

partment. J. Y. Buchanan, M.A., acted as physicist and chemist, and J. J. Wild, as artist and secretary. This staff of specially selected scientists, each distinguished for some particular attainment in his profession, completed the list.

Life on board ship, the varied incidents at sea, all tend to rouse feelings and sensations which are reserved alone for those whose business is on the great waters. To those constituting the scientific staff, the routine, especially of a man-of-war, was entirely different from that they had hitherto enjoyed on shore; and unfortunately their initiation to the ever varying scenes was under most unfavourable circumstances as regards the weather. At first the etiquette and usages of naval every-day life seemed particularly vexatious and annoying; but after a while, when fine weather again set in, and the seasickness had been got over, one and all perceived, to a certain extent, the necessity of order. Scrubbing, washing, and holystoning of the decks, cleaning brass and wood work, mustering at quarters and divisions, are all measures which tend to enforce the discipline so essential to good government.

Existence in the limited space of a ship, which is frequently for months completely isolated from the outer world, is so peculiar and interesting to those unacquainted with the sea that I may be permitted to make a few remarks as to our daily doings.

From the hour of four o'clock in the morning, as