

who heartily seconded my colleague and myself in our work and sympathised with us in our keen interest in the curious results of the few trials at great depths which we had it in our power to make, made the experience, a very novel one to us, certainly as tolerable as possible.

The 'Lightning' left Pembroke on the 4th of August, 1868, and arrived at Oban on the evening of the 6th. At Oban Dr. Carpenter, his son Herbert, and I joined, and, after having taken observations for the chronometers, completed coals and water, and being otherwise ready, we left Oban on the 8th of August, anchored on that evening in Tobermory Bay, and after a gusty passage through the Minch we reached Stornoway on the evening of the 9th. At Stornoway we were received by Sir James and Lady Matheson with a courteous hospitality which on many subsequent occasions has made us leave their island kingdom with regret and return to it with pleasure. We took in as much coal as we could carry, stowing as much as was safe in bags on the deck, set up a dredging derrick over the stern, took final observations, and departed to the northward on the morning of the 11th. We took a haul or two the same afternoon in from 60 to 100 fathoms, about 15 miles to the north of the Butt of the Lews, to try our dredging-tackle and donkey-engine and to trace the limits of the shallow-water species. All the appliances worked well, but the dredge brought up few animal forms, and all of them well-known inhabitants of the seas of the Hebrides. The next day we were met by a breeze from the N.E., which continued for three days with such force that