

*Lophohelia prolifera*, PALLAS : among Echinoderms some beautiful varieties of *Echinus norvegicus*, D. and K., *E. elegans*, D. and K., *Ophiecten sericeum*, FORBES, and *Ophiacantha spinulosa*, M. and T., which seems to be universal in deep water, and the curious little crinoid *Rhizocrinus loffotensis*, SARS, which will be described hereafter : some remarkable crustaceans, including as one of the most prominent a scarlet *Munida* with remarkably large brilliant eyes, of the colour and lustre of burnished copper.

We now proceeded towards Stornoway, which we reached on the 9th of September, dredging on our way in shallowing water, and still meeting with interesting things such as *Antedon celticus*, BARRETT, collected previously by Mr. Gwyn Jeffreys on the coast of Ross-shire; abundance of 'the piper,' *Cidaris papillata*, LESKE, until lately one of the prizes of the British collector, now known to be perhaps the most abundant of the larger living forms at depths from 250 to 500 fathoms in the British seas.

The weather now looked more promising. I was unfortunately obliged to return to my duties in Dublin; but as the results already obtained led Dr. Carpenter strongly to desire an opportunity of examining both the temperature and the animal life of still deeper waters, it was thought by him and Captain May that, notwithstanding the lateness of the season, it would be worth while to venture another short cruise in a westerly direction, where it was known from previous soundings that the depth was beyond 1,000 fathoms. Accordingly, after re-fitting, an operation which in some respects was sorely needed, and restoring as far as possible the lost dredg-