

much corroded. Shortly afterwards the cable gave way in a depth of 1,200 fathoms, at a distance of one mile from the spot where the electrical tests showed that the cable had been previously broken.

With these 40 miles of cable much coral and many marine animals were brought up, but it did not appear that their presence had injured the cable, for they were attached to the sound as well as to the corroded portions: On his return, Mr. Fleeming Jenkin sent specimens of the animals which he had himself taken from the cable, noting the respective depths, to Professor Allman, F.R.S. for determination. Dr. Allman gives a list of fifteen animal forms, including the ova of a cephalopod, found at depths of from 70 to 1,200



FIG. 4.—*Caryophyllia borealis*, FLEMING. Twice the natural size. No. 45.

fathoms. On other portions of the cable species of *Grantia*, *Plumularia*, *Gorgonia*, *Caryophyllia*, *Alcyonium*, *Cellepora*, *Retepora*, *Eschara*, *Salicornaria*, *Ascidia*, *Lima*, and *Serpula*. I observe from Professor