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III. Remarks on some Deep-Sea Dredgings, transmitted by Captain William Chimmo

Professor Dickie

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benign rule of the Teera Rajah ; but whether they are under the supervision of the Government forest officers or not, I cannot say. I have heard that some of them are. Near Byratt, there seems to be a considerable deal of timber felled, and under the supervision of qualified forest officers, felling seems to be done promiscuously. The young trees are taken as well as the old—at least I infer so, from the fact that no young trees worth speaking of are to be seen on tracts that had lately been cleared of old timber. There may have been none to leave in that district ; still, as a rule, where there are old trees, there are also young ones. Perhaps the idea may have occurred that it was better to make a clean sweep at once, and thus save the cultivators the trouble of clearing.

III. *Remarks on some Deep-Sea Dredgings, transmitted by*
Captain WILLIAM CHIMMO. By Professor DICKIE.

The dredgings, which were taken by Captain Chimmo from great depths in the Atlantic, immediately under the Gulf Stream, at 2000 fathoms, in latitude $47^{\circ} 3'$ north ; longitude, $23^{\circ} 21'$ west, and at 600 fathoms in latitude $45^{\circ} 42'$ north, and longitude. $47^{\circ} 39'$ west, had been minutely examined by Professor Dickie. He found that in the matter from 2000 fathoms there were two Diatoms—one identical with *Coscinodiscus minor*, and the other a species of *Cocconeis*, which he had not yet determined. He had treated some of the material with weak acid, in order to judge, from the amount of sarcode left, whether the foraminifera (which were abundant) were living, or merely the shells after death and decay. He had come to the conclusion that they were living, but whether the Diatoms mentioned were so he could not say. Among the sarcode he found several species of *Polycystina*, mostly in fragments. Specimens of the dredgings were shown under the microscope.