

part contained the beginning of the ovary. *Balanoglossus* is likely to turn up often in deep-sea dredgings; the shallow-water species always appear to inhabit the deepest places in the locality and are true mud-animals. Annelids in tubes were abundant, and there was a very fine and soft animal [= *Buskiella abyssorum*] with tentacles on the head, and long white bristles which are very clearly jointed, a condition unknown, as far as I am aware, among other animals." STATION 101.

Surface Organisms.—The following are recorded in the note-books:—During the day: a few *Pyrocystis*, Foraminifera, Radiolaria, *Sagitta*, Planarians, *Saphirina*, *Corycæus*, *Lucifer*. From net sent down to 100 fathoms: *Corycæus* and the *Distomum* which lives on the Copepods. At night: *Pyrocystis* present but not in great quantities; many *Globigerinæ*; *Corycæus*, *Squilla* larvæ, and *Phylliroë* very common. ORGANISMS FROM SURFACE.

Moseley writes: "At noon a shoal of dolphins (apparently *Delphinus delphis*) accompanied the ship. The tip of the snout was white, and pig-like in shape; the dorsal fin was somewhat behind the centre of the back. The body was dark brownish, except on the ventral surface, which was white; some specimens were somewhat mottled on the belly. I saw several turn right over, so as to fall tail first. They were to be seen constantly swimming four or five, or sometimes as many as ten, close side by side, their bodies touching and snouts in line, their motions being performed together, heads coming out and tails disappearing all together. Some parties remained thus jammed together for an hour at least."

Station 102 (Sounding 173), St. Vincent to St. Paul's Rocks (see Chart 12, and Diagrams 4 and 7). STATION 102.

August 21, 1873; lat. 3° 8' N., long. 14° 49' W.

Temperature of air at noon, 77°·8; mean for the day, 76°·1.

Temperature of water:—

Surface,	78·0	500 fathoms,	39·9
10 fathoms,	78·5	600 "	39·4
20 "	76·2	700 "	39·0
30 "	73·5	800 "	38·7
40 "	70·5	900 "	38·4
50 "	67·8	1000 "	38·1
60 "	65·0	1100 "	37·8
75 "	61·0	1200 "	37·6
100 "	57·0	1300 "	37·4
150 "	51·3	1400 "	37·2
200 "	46·8	1500 "	37·0
300 "	41·8	Bottom,	36·5
400 "	40·6		