

Nitzschia panduriformis, Gregory.
Surirella lata, W. Smith.
 „ *laxa*, Janisch.
 „ *fastuosa*, Ehrenberg.
Campylodiscus horologium, Williamson.
Glyphodesmis williamsonii, Grunow.
Grammatophora marina, Kutzing.
 „ *macilenta*, W. Smith.
Synedra superba, Kutzing.
Biddulphia pulchella, Gray.
 „ *tuomeyii*, Roper.
 „ sp. (?).
Cerataulus turgidus, Ehrenberg.
Triceratium atlanticum, Castracane.
 „ *antidiluvianum*, van Heurck.
 „ *sculptum*, Shadbolt.
 „ *arcticum*, Brightwell.
 „ sp. (?), forma *hexagona*.
Hemidiscus cuneiformis, Wallich.
Auliscus punctatus, Bailey.
 „ *pruinosis*, Bailey.
 „ sp. (?).
Pseudauliscus peruvianus, Rattray.

Eupodiscus radiatus, Bailey.
Stictodiscus californicus, Greville.
 „ „ var. *nankoorensis*, Grunow.
Aulacodiscus petersii, Ehrenberg.
 „ *amaenus*, Greville.
 „ *kilkellyanus*, Greville.
Coscinodiscus lineatus, Ehrenberg.
 „ *eccentricus*, Ehrenberg.
 „ *curvatulus*, Grunow.
 „ *concavus*, Gregory.
 „ *nitidus*, Gregory.
 „ *concinuus*, W. Smith.
 „ *nodulifer*, Janisch.
 „ *radiatus*, Ehrenberg.
 „ *oculus-iridis*, Ehrenberg.
 „ *elegans*, Greville.
Ethmodiscus sp. (?).
Paralia sulcata, Cleve.
Actinoptychus splendens, Ralfs.
 „ *undulatus*, Ehrenberg.
Asteromphalus roperianus, Ralfs.
 „ *arachne*, Ralfs.
Melosira granulata, Ralfs.

STATION 93A.

The Challenger remained at St. Vincent from 4.15 P.M. on July 27 till 10.15 A.M. on August 5. During this time dredgings were conducted by Mr. Murray from the steam pinnace in the harbour, in depths of from 7 to 30 fathoms; the deposit was a Calcareous Sand containing 89.47 per cent. of carbonate of lime.

AT ST. VINCENT,
CAPE VERDES.

Stations 93D to 94 (Soundings 161 to 165), off Cape Verde Islands (see Chart 11).

STATIONS 93D
TO 94.

August 5, 1873.

Temperature of air at noon, 81°·3; mean for the day, 78°·3.

Temperature of water at surface, 78°·0.

At 9.30 A.M. got up steam. At 9.45 A.M. shortened cable, and at 10.15 A.M. weighed anchor, and proceeded under steam to the westward of Bird Island. At 10.50 A.M. stopped outside Bird Island, and put over current drag. Steamed as required to follow current drag. At noon, picked up current drag. At 1.25 P.M. stopped to obtain sketch of entrance to St. Vincent Harbour. Sounded in 103 fathoms, deposit Coralline Mud (Station 93D). At 2 P.M. proceeded. At 3.15 P.M. sounded in 85 fathoms, deposit Coralline Mud (Station 93E). At 4 P.M. stopped and sounded in 260 fathoms, deposit Volcanic Mud, containing 56.59 per cent. of carbonate of lime (Station 93F). At 5 P.M. stopped and sounded in 675 fathoms, deposit Volcanic Mud, containing 39.25 per cent.