

## STATION 47.

In addition to the foregoing, the following are recorded in the Station-book:—  
Gorgonoid, many Ophiurids, several specimens of *Pourtalesia* (?), *Caudina*, and *Discina*.

Excluding Protozoa, over 80 specimens of invertebrates were obtained at this Station, belonging to about 26 species, of which 9 are new to science, including representatives of 3 new genera; 3 of the new species were not obtained elsewhere.

ORGANISMS FROM  
THE DEPOSIT.

DIATOMACEÆ.—The following species of Diatoms were observed by Mr. Comber in the deposit from this Station:—

<i>Navicula lyra</i> , Ehrenberg, var. <i>elliptica</i> , A. Schmidt.	<i>Coscinodiscus concavus</i> , Ehrenberg.
„ <i>clavata</i> , Gregory.	„ <i>curvatulus</i> , Grunow.
„ <i>smithii</i> , Brebisson.	„ <i>kutzingii</i> , A. Schmidt.
„ <i>fusca</i> , Ralfs.	„ <i>fasciculatus</i> , O'Meara.
„ <i>didyma</i> , Kutzing.	„ <i>subtilis</i> , Ehrenberg.
„ <i>distans</i> , Ralfs.	„ <i>denarius</i> , A. Schmidt.
<i>Pleurosigma directum</i> , Grunow.	„ <i>normanii</i> , Gregory.
<i>Cocconeis scutellum</i> , Ehrenberg.	„ <i>concinus</i> , W. Smith.
<i>Nitzschia marina</i> , Grunow.	„ <i>robustus</i> , Greville.
<i>Biddulphia aurita</i> , Brebisson.	„ <i>marginatus</i> , Ehrenberg.
<i>Triceratium punctatum</i> , Brightwell.	„ <i>borealis</i> , Bailey.
„ <i>alternans</i> , Bailey.	„ <i>centralis</i> , Ehrenberg.
<i>Hemidiscus cuneiformis</i> , Wallich.	„ <i>oculus-iridis</i> , Ehrenberg.
<i>Actinoptychus undulatus</i> , Ehrenberg.	„ <i>asteromphalus</i> , Ehrenberg.
„ <i>areolatus</i> , A. Schmidt.	„ <i>radiatus</i> , Ehrenberg.
„ <i>splendens</i> , Ralfs.	„ <i>obscurus</i> , A. Schmidt.
<i>Actinocyclus spursus</i> (= <i>Eupodiscus</i> , Gregory).	„ <i>nodulifer</i> , Janisch.
„ <i>ralfsii</i> , Ralfs.	„ <i>decrescens</i> , Grunow.
<i>Asteromphalus brookei</i> , Bailey.	„ <i>crassus</i> , Bailey.
<i>Eupodiscus radiatus</i> , Bailey.	„ <i>elegans</i> , Greville.
<i>Coscinodiscus excentricus</i> , Ehrenberg.	<i>Paralia sulcata</i> , Cleve.
„ <i>lineatus</i> , Ehrenberg.	<i>Hyalodiscus scoticus</i> , Grunow.
„ <i>auguste-lineatus</i> , A. Schmidt.	

## STATION 48.

Station 48 (Sounding 106), Bermuda to Halifax (see Chart 9).

May 8, 1873; lat. 43° 4' N., long. 64° 5' W.

Temperature of air at noon, 44°·3; mean for the day, 41°·5.

Temperature of water at surface, 38·0.

Depth, 51 fathoms; deposit, rock, gravel, stones, &c.

At 5.5 A.M. stopped and sounded in 51 fathoms. At 7 A.M. put over dredge, which came up about noon. The dredge-bag was torn, and contained nothing, but the tangles were loaded with animals. In the afternoon most of the ship's company were occupied in fishing, and probably about 100 cod were taken, which proved a welcome addition to the