

On specimens of *Cottus* procured during the visit a parasitic Amphipod—*Lafystius sturionis*, Krøyer—was found (see Stebbing, Zool. pt. 67). HALIFAX.

Station 49 (Sounding 107), Halifax to Bermuda (see Chart 9 and Diagram 2).

STATION 49.

May 20, 1873; lat. 43° 3' N., long. 63° 39' W.

Temperature of air at noon, 44°·3; mean for the day, 43°·0.

Temperature of water :—

Surface,	40·5	60 fathoms,	35·2
20 fathoms,	37·8	Bottom,	35·2
40 „	35·2		

Density at 60° F. at surface, 1·02354; bottom, 1·02400.

Depth, 85 fathoms; deposit, gravel, stones, &c.

At 9.15 A.M. shortened and furled sails, and got up steam to sound and dredge. Sounded in 83 [85] fathoms. At 10 A.M. put dredge over, and took four hauls in rapid succession, allowing the dredge to remain at the bottom about an hour on each occasion, a large number of specimens being procured. Serial temperature observations were taken at intervals of 20 fathoms from the surface.

Distance at noon from Gibb's Hill Lighthouse, Bermuda, 651 miles. Made good 86 miles. Amount of current 12 miles, direction S. 39° W.

The following species are recorded in the Zoological Reports from the dredge at this Station :—

KERATOSA (Poléjaeff, Zool. pt. 31).

ANIMALS FROM
DREDGE.

Psammopemma densum, Marshall. One specimen; obtained also at Port Jackson, 7 fathoms.

MONAXONIDA (Ridley and Dendy, Zool. pt. 59).

Artemisina suberitoides, Vosmaer. One specimen; obtained at no other locality by the Challenger. Recorded from Arctic.

Polymastia robusta, Bowerbank. One specimen; obtained at no other locality by the Challenger. Recorded from British seas ("Porcupine," &c.).

„ sp. (?) (*mammillaris*?). One small specimen.

Tentorium semisuberites (Schmidt). Ten specimens; obtained also at Stations 50 and 135, 60 to 90, and 1250 fathoms. Recorded from Arctic and North Atlantic.