STATION 48.

*Thelepus cincinnatus* (Fabricius), var. *canadensis*, nov. One specimen; obtained at no other locality by the Challenger. The species recorded from North Atlantic ("Knight Errant," &c.).

MYZOSTOMIDA (Graff, Zool. pts. 27 and 61).

*Myzostoma gigas*, Lütken. On *Antedon eschrichti.*

,, *fimbriatum*, n.sp. On *Antedon quadrata.*

BRACHYURA (Miers, Zool. pt. 49).

*Hyas aranea* (Linné). One specimen; obtained at no other locality by the Challenger. Recorded from Arctic, North Atlantic, and North Pacific.

,, *coarctata*, Leach. One specimen; obtained also at Station 49, 85 fathoms.

POLYZOA (Busk, Zool. pt. 30).

*Eschara elegantula*, d'Orbigny. Obtained at no other locality by the Challenger. Recorded from North Atlantic and Arctic.

*Cellepora canaliculata*, n.sp. Obtained at no other locality.

BRACHIOPODA (Davidson, Zool. pt. 1).

*Terebratulina caput-serpentis*, Linné, var. *septentrionalis*, Couthouy. Many specimens; obtained also at Stations 49, 142, and 145, 85 to 150 fathoms. Recorded from North Atlantic.

TUNICATA (Herdman, Zool. pts. 17 and 38).

*Boltenia elegans*, n.sp. Two specimens; obtained at no other locality.

*Aplidium despectum*, n.sp. One specimen; obtained at no other locality.

**Excluding Protozoa, over 50 specimens of invertebrates were obtained at this Station, belonging to about 20 species, of which 7 are new to science; 5 of the new species were not obtained elsewhere.**

Willemoes-Suhm states that on the cod that were caught a species of *Caligus* was found, to which was attached the ectoparasitical Trematode *Udonella caligorum*, known especially from Van Beneden's description of its ametabolous development.

ORGANISMS FROM THE SURFACE.

**Surface Organisms.**—Murray was away in a boat in the afternoon and caught some large Ctenophoræ. Diatoms and Coccospheres were very abundant on the surface during the past four days.

AT HALIFAX.

The Challenger remained at Halifax, Nova Scotia, from 10.20 A.M. on May 9 till 5.10 P.M. on May 19, 1873.