KERGUELEN.

Onchopora sinclairii, Busk. (28 fathoms); obtained also at Stations 150, 151, and 157, 75 to 1950 fathoms. Recorded from New Zealand, Australia, and Marion Island. [Waters calls it Calwellia sinclairii (Busk)].

Chorizopora hyalina, var. bougainvillei, d'Orbigny. (28 fathoms); obtained also at Stations 145 and 315.

Smittia marionensis, Busk. (28 fathoms); obtained also at Station 145.

Cellepora eatonensis, n.sp. (28 to 127 fathoms); obtained also at Stations 303 and 315, 1325 and 5 to 12 fathoms.

Crisia eburnea (Linné), var. laxa, nov. (28 to 105 fathoms); obtained at no other locality by the Challenger. Recorded from Arctic and North Atlantic.

Idmonea atlantica, Forbes. (30 fathoms); obtained also at Stations 49, 135, and the Cape.

Brachiopoda (Davidson, Zool. pt. 1).

Waldheimia kerguelenensis, n.sp. Numerous specimens (20 to 60 fathoms); obtained also at Stations 145 and 150.

Terebratella dorsata (Gmelin). Three specimens (20 to 30 fathoms); obtained at no other locality by the Challenger. Recorded from coast of Chili to Magellan Strait.

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

Eugyra kerguelenensis, n.sp. Three specimens (10 to 100 fathoms); obtained at no other locality.

Styela lactea, n.sp. Three specimens (10 to 100 fathoms); obtained at no other locality.

Ascidia challengeri, n.sp. Thirteen specimens (10 to 60 fathoms); obtained at no other locality.

" vasculosa, n.sp. One test (28 fathoms); obtained at no other locality.

,, translucida, n.sp. Three specimens (28 fathoms); obtained at no other locality.

" despecta, n.sp. One specimen (10 to 100 fathoms); obtained at no other locality.

Colella pedunculata (Quoy and Gaimard). Four specimens (10 to 60 fathoms); obtained also at Stations 151, 313, 314, and 315, 12 to 75 fathoms. Recorded from Australia and Magellan Strait.