STATION 162.

Schizoporella triangula, Hincks. Obtained also at Station 151.

" woosteri, MacGillivray. Obtained at no other locality by the Challenger.

Cellepora hastigera, n.sp. Obtained at no other locality.

, columnaris, n.sp. Obtained at no other locality.

" bidenticulata, n.sp., var. subæqualis, nov. Obtained at no other locality.

The species was taken at Port Jackson, 35 fathoms.

" granum, Hincks. Obtained at no other locality by the Challenger. Recorded from Bass Strait.

Pustulopora regularis, MacGillivray. Obtained at no other locality by the Challenger. Recorded from Australia.

Amathia spiralis, Lamouroux. Obtained also at Stations 161 and 163A.

Brachiopoda (Davidson, Zool. pt. 1).

Terebratulina cancellata, Koch. Numerous specimens; obtained at no other locality by the Challenger. Recorded from Australia.

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

Microcosmus propinquus, n.sp. One specimen; obtained at no other locality.

" polymorphus, Heller. One specimen; obtained at no other locality by the Challenger. Recorded from Mediterranean.

Cynthia fissa, n.sp. Several specimens; obtained at no other locality.

" hispida, n.sp. Two specimens; obtained at no other locality.

Styela radicosa, n.sp. One specimen; obtained also at Station 163 (?), 120 fathoms. Polycarpa molguloides, n.sp. Two specimens; obtained at no other locality.

rigida, n.sp. Two specimens; obtained at no other locality.

,, bassi, n.sp. One specimen; obtained at no other locality.

Pachychlæna oblonga, n.g., n.sp. One specimen; obtained at no other locality.

" obesa, n.g., n.sp. Two specimens; obtained at no other locality.

Colella murrayi, n.g., n.sp., var. rubida, nov. One colony; obtained at no other locality. The species was taken at Station 163D, 120 fathoms.

Atopogaster aurantiaca, n.g., n.sp. One colony; obtained at no other locality.

Amaroucium albidum, n.sp. Two colonies; obtained at no other locality.

Didemnum aurantiacum, n.sp. One colony; obtained at no other locality.

Fishes (Günther, Zool. pt. 6).

Lepidotrigla phalæna, C.V. Obtained at no other locality by the Challenger.

Recorded from Australia.

Percis allporti, Günther. Obtained also at Station 163A, 150 fathoms (?)