

- Pentacheles euthrix*, n.g., n.sp. (*Willemasia euthrix*, Willemoes-Suhm, MS.). STATIONS 170 AND 170A.
Two specimens (520 fathoms); obtained also at Station 173, 315 fathoms.
- Haliporus obliquirostris*, n.g., n.sp. Numerous specimens (520 fathoms); obtained at no other locality.
- Hemipenæus semidentatus*, n.g., n.sp. Three specimens (520 fathoms); obtained also at Stations 171 and 194, 600 and 200 fathoms. Recorded subsequently from Indian Ocean ("Investigator").
- Benthesicymus altus*, n.g., n.sp. One specimen (520 fathoms); for distribution see Station 133.
- Sergestes kröyeri*, n.sp. One specimen (520 fathoms); obtained at no other locality.
- Plesionika semilævis*, n.g., n.sp. Six specimens (520 fathoms); obtained also at Stations 164B (?), 173, and 200.
- Acantheephyra sica*, n.sp. One specimen (520 fathoms); for distribution see Station 40.
- „ *brachytelsonis*, n.sp. Eight specimens (520 and 630 fathoms); obtained also at Stations 171, 194, 214, 232, 236, and 318, 200 to 2040 fathoms. Recorded subsequently from Indian Ocean ("Investigator").

ANOMURA (Henderson, Zool. pt. 69).

- Uroptychus spinimarginatus*, n.sp. Two specimens (520 fathoms); obtained also at Station 214, 500 fathoms.
- „ *australis*, n.sp. One specimen (520 fathoms); obtained also at Stations 164B, 171, and 194A.

LAMELLIBRANCHIATA (Smith, Zool. pt. 35).

- Spondylus ostreoides*, n.sp. One specimen (520 fathoms); obtained at no other locality.

NUDIBRANCHIATA (Bergh, Zool. pt. 26).

- Euplocamus pacificus*, n.sp. One specimen (630 fathoms); obtained at no other locality.

CEPHALOPODA (Hoyle, Zool. pt. 44).

- Amphitretus pelagicus*, n.g., n.sp. One specimen (520 fathoms); obtained at no other locality. Only species of the genus.
- Eledone verrucosa*, Verrill. One specimen (630 fathoms); obtained at no other locality by the Challenger. Recorded from North-West Atlantic.