

The following 85 species, taken by the Challenger to the *south* of the tropics, are recorded from other sources to the *north* of the tropics, and, as far as can be gathered from the Challenger Zoological Reports, are not known from the intervening tropical zone :—

KERATOSA :

Spongelia spinifera, Schulze.

MONAXONIDA :

Axinella erecta (Carter).

Desmacidon fruticosa (Montagu).

Esperiopsis edwardii (Bowerbank).

Halichondria caduca, Bowerbank.

Iophon pattersoni (Bowerbank).

ALCYONARIA :

Sarakka crassa, Danielssen.

CORALS :

Stylaster erubescens, Pourtalès.

HYDROIDA :

Eudendrium rameum (Pallas).

Lafoëa fruticosa, Sars.

Obelia geniculata (Linné).

Sertularia operculata, Linné.

„ *polyzonias*, Linné.

OPHIUROIDEA :

Amphiura squamata, Sars.

ECHINOIDEA :

Brissopsis lyrifera (Forbes).

Echinocardium flavescens (Müller).

Spatangus raschi, Lovén.

Pourtalesia phiale, Wyville Thomson.

HOLOTHURIOIDEA :

Chirodota japonica, Marenzeller.

Colochirus spinosus (Quoy and Gaimard).

Elpidia glacialis, Théel.

Lætmogone violacea, n.sp.

Psolus squamatus, Düben and Koren.

NEMERTEA :

Drepanophorus serraticollis, Hubrecht.

GEPHYREA :

Phymosoma japonicum, Grube.

ANNELIDA :

Brada whiteavesii, n.sp.

Glycera tessellata, Grube.

Scalibregma inflatum, Rathke.

OSTRACODA :

Cytherura rudis, Brady.

Paradoxostoma abbreviatum, Sars.

Pseudocythere caudata, Sars.

Sclerochilus contortus (Norman).

Xestoleberis depressa, Sars.

AMPHIPODA :

Eusirus longipes, Boeck.

SCHIZOPODA :

Boreomysis scyphops, Sars.

Lophogaster typicus, Sars.

Stylocheiron longicorne, n.g., n.sp.

MACRURA :

Palæmon affinis, M.-Edwards.

ANOMURA :

Munidopsis antonii (M.-Edwards).

BRACHYURA :

Lispognathus thomsoni (Norman).

LAMELLIBRANCHIATA :

Glomus nitens, Jeffreys.

Kellia suborbicularis (Montagu).