

south of the tropic of Capricorn, and those taken north of the tropic of Cancer. In the foregoing lists (pages 1277-1429), as previously stated, the letter **T** after a name indicates that the species was taken within the tropics; **N** in like manner indicates the northern, and **S** the southern great zone of latitude. An examination of these lists with reference to the animals occurring north and south of the tropics, but not within the tropics, brings out some interesting results.

The following 91 species were taken by the Challenger to the *South and North* of the tropics, and not within the intervening tropical zone, but 11 of these species (marked thus *) are recorded from other sources as having been obtained within the tropics:—

KERATOSA :

Psammopemma densum, Marshall.

MONAXONIDA :

**Halichondria panicea*, Johnston.

**Tedania digitata* (Schmidt).

Tentorium semisuberites (Schmidt).

HEXACTINELLIDA :

Aulocalyx irregularis, n.g., n.sp.

Chonelasma lamella, n.g., n.sp.

ACTINIARIA :

Cereus spinosus, n.sp.

Liponema multiporum, n.g., n.sp.

CORALS :

Caryophyllia communis (Seguenza).

Cladocora arbuscula, M.-Edwards and Haime.

Flabellum apertum, n.sp.

HYDROIDA :

Halecium beanii, Johnston.

Perisiphonia filicula, n.g., n.sp.

CRINOIDEA :

Antedon abyssicola, n.sp.

ASTEROIDEA :

Dytaster exilis, n.g., n.sp.

Pontaster forcipatus, n.g., n.sp.

OPHIUROIDEA :

Ophiacantha rosea, n.sp.

Ophiernus vallincola, n.g., n.sp.

Ophiocten hastatum, n.sp.

Ophioglypha bullata, n.sp.

„ *confragosa*, n.sp.

ECHINOIDEA :

**Echinocardium australe*, Gray.

Echinus norvegicus, Düben and Koren.

Phormosoma hoplacantha, n.sp.

**Schizaster fragilis* (Düben and Koren).

HOLOTHURIOIDEA :

Euphronides depressa, n.g., n.sp.

Holothuria lactea, n.sp.

„ *thomsoni*, n.sp.

Kolga nana, n.sp.

Lætmogone wyville-thomsoni, n.g., n.sp.

Psolus operculatus, Pourtalès.

Trochostoma albicans, n.sp.

NEMERTEA :

Cerebratulus macroren, n.sp.

Pelagonemertes rollestoni, n.g., n.sp.

ANNELIDA :

Eunice ærstedii, Stimpson.

„ *vittata*, Delle Chiaje.

Eupista darwini, n.g., n.sp.

Placostegus ornatus, Sowerby.

Terebellides stræmi, Sars.