

- Bugula reticulata*, n.sp. S T N
 * *Cellepora solida*, n.sp. S
Cellularia crateriformis, n.sp. S
Cribrilina monoceros (Busk). S N
Farciminaria delicatissima, n.sp. T N
 „ *magna*, n.sp. S
Kinetoskias cyathus, n.sp. S N
 * *Phylactella* sp. (?). N

BRACHIOPODA :

- Terebratulula wyvillii*, n.sp. S T N

TUNICATA :

- * *Abyssascidia wyvillii*, n.g., n.sp. S
 * *Bathyoncus minutus*, n.g., n.sp. N
 * *Hypobythius calycodes*, n.g., n.sp. N
 * *Pyrosoma* sp. (?) (surface). S

- * *Styela bythia*, n.sp. S
 * „ *squamosa*, n.sp. S

FISHES :

- Astronesthes niger*, Rich. T
 * *Bathyonus tænia*, n.sp. T
 * *Bathypterois longicauda*, n.g., n.sp. S
 * „ *longipes*, n.g., n.sp. S
Chauliodus sloanii, Bl. Schn. T N
Gonostoma microdon, n.sp. S T N
 * *Halosaurus rostratus*, n.sp. N
 * *Idiacanthus ferox*, n.sp. N
Macrurus filicauda, n.sp. S
 * *Mixonus laticeps*, n.g., n.sp. T
 * *Nealotus tripes*, Johnson. N
Nemichthys infans, n.sp. T
Sternoptyx diaphana (Herm.). S T N

Notes on the Bathymetrical Distribution.—Of the species enumerated in the above list the following eleven species were taken at more than one Station in this zone; one of these (*Oneirophanta mutabilis*) was taken at three Stations, and another (*Gonostoma microdon*) at six Stations, the remaining nine each at two Stations.

Bathyactis symmetrica.
Antedon abyssicola.
Phormosoma tenue.
Oneirophanta mutabilis (3).
Pseudostichopus villosus.
Myriochele heeri.

Scalpellum regium.
Gennadas parvus.
Bugula reticulata.
Terebratulula wyvillii.
Gonostoma microdon (6).

Of the 65 species noted in the above list as taken by the Challenger in the zone beyond 2500 fathoms, as well as in lesser depths (those without asterisks), the following 29 species (or 45 per cent.) were obtained in the zone between 2000 and 2500 fathoms :—

Stannoma coralloides.
 „ *dendroides.*
Bathydorus fimbriatus.
Bathypathes patula.
Amphianthus ornatus.
Bathyactis symmetrica.
Ophioglypha lacazei.
 „ *ornata.*
Benthodytes sanguinolenta.
Oneirophanta mutabilis.

Pseudostichopus villosus.
Buskiella abyssorum.
Eupista darwini.
Lætmone producta.
Placostegus ornatus.
Cythere dasyderma.
 „ *dictyon.*
Benthesicymus crenatus.
Acanthephyra sica.
Gennadas parvus.