Cythere acanthoderma.
„ *dasyderma.*
„ *dictyon.*
Cystisoma spinosum.
Acanthephyra sica.
Gennadas parvus.
Bifaxaria abyssicola.
Bugula reticulata.
Cribrilina monoceros.
Chauliodus sloanii.
Gonostoma microdon.
Nemichthys infans.
Sternoptyx diaphana.

The following 12 species (or 19 per cent.) were taken in the zone between 100 and 500 fathoms :—

Bathyactis symmetrica.
Ophiomastus tegulitius.
Pourtalesia laguncula.
Cythere dasyderma.
„ *dictyon.*
Boreomysis obtusata.
Acanthephyra sica.
Gennadas parvus.
Arca (*Scapharca*) *inæquisculpta.*
Bugula reticulata.
Cribrilina monoceros.
Gonostoma microdon.

Thus four species (*Cythere dasyderma*, *Acanthephyra sica*, *Bugula reticulata*, and *Gonostoma microdon*) were taken in all the zones, except the shallow-water zone less than 100 fathoms.

The following 8 species (or 12 per cent.) were taken in depths less than 100 fathoms or at the surface :—

Bathyactis symmetrica.
Lætmonice producta.
Cythere dictyon.
Lepas anatifera.
Gennadas parvus (surface).
Cribrilina monoceros.
Astronesthes niger (surface).
Sternoptyx diaphana (surface).

Thus three species (*Bathyactis symmetrica*, *Cythere dictyon*, and *Gennadas parvus*) occur in all the zones of depth from the surface or shallow water to over 2500 fathoms.

Of the 96 species taken only in this zone beyond 2500 fathoms, 85 species (or 89 per cent.) are new, and the following 9 new genera were obtained only in this zone of depth :—

Stannarium (2).
Hyalostylus.
Trachycaulus.
Antheomorphe.
Halisiphonia.
Psycheotrephes.
Scotoanassa.
Petalophthalmus.
Mixonus.

These genera are each represented by a single species taken at a single station, except the genus *Stannarium*, which contains two species, each taken at a different Station inside this zone.

Notes on the Geographical Distribution.—An examination of the foregoing list shows that of the 161 species taken in this zone beyond 2500 fathoms, 87 species (or 54 per