

20th January 1874; Royal Sound, 28 fathoms.

Ascidia challengeri.

vasculosa.

translucida.

29th January 1874; off London River, 110 fathoms.

Eugyra kerguelenensis.

No date; off Kerguelen, 10 to 100 fathoms.

Eugyra kerguelenensis.

Styela lactea.

Ascidia challengeri.

despecta.

Station 150, February 2, 1874; lat. 52° 4' S., long. 71° 22' E.; depth, 150 fathoms; bottom temperature, 1°·8 C.; bottom, rock.

Ascopera gigantea.

pedunculata.

Molgula pedunculata.

Styela grandis.

convexa.

Polycarpa minuta.

Ascidia placenta.

Station 160, March 13, 1874; lat. 42° 42' S., long. 134° 10' E.; depth, 2600 fathoms; bottom temperature, 0°·2 C.; bottom, red clay.

Styela bythia.

squamosa.

Abyssascidia wyvillii.

Between Melbourne and New Zealand the following Tunicata were collected:—

Station 162, April 2, 1874; off East Moncœur Island, Bass Strait; depth, 38 to 40 fathoms; bottom, sand.

Microcosmus polymorphus.

propinquus.

Cynthia fissa.

hispida.

Styela radicata.

Polycarpa rigida.

molguloides.

*Pachyclæna oblonga.*¹

obesa.

¹ The label on the bottle containing this specimen is marked 85 fathoms.