

Station 271, September 6, 1875; lat. $0^{\circ} 33' S.$, long. $151^{\circ} 34' W.$; depth, 2425 fathoms; bottom temperature, $1^{\circ} 0 C.$; bottom, globigerina ooze.

Culeolus moseleyi.

Station 299, December 14, 1875; lat. $33^{\circ} 31' S.$, long. $74^{\circ} 43' W.$; depth, 2160 fathoms; bottom temperature, $1^{\circ} 1 C.$; bottom, grey mud.

Corynascidia suhmi.

Between Valparaiso and the Falkland Islands the following Tunicata were dredged:—

Station 311, January 11, 1876; lat. $52^{\circ} 50' S.$, long. $73^{\circ} 53' W.$; depth, 245 fathoms; bottom temperature, $7^{\circ} 7 C.$; bottom, mud.

Ascidia tenera.

Station 312, January 13, 1876; lat. $53^{\circ} 38' S.$, long. $70^{\circ} 56' W.$; depth, 15 to 10 fathoms; bottom, mud.

Boltenia legumen.

Station 313, January 20, 1876; lat. $52^{\circ} 20' S.$, long., $68^{\circ} 0' W.$; depth, 55 fathoms; bottom temperature, $8^{\circ} 8 C.$; bottom, sand.

Molgula gigantea.

Ascidia meridionalis.

Between the Falkland Islands and Buenos Ayres, South America, the following Tunicata were collected:—

Station 315, January 26, 27, 28, 1876; lat. $51^{\circ} 40' S.$, long. $57^{\circ} 50' W.$; depth, 5 to 12 fathoms; bottom, sand and gravel.

Molgula gregaria.

horrida.

Boltenia legumen.

Station 316, February 3, 1876; lat. $51^{\circ} 32' S.$, long. $58^{\circ} 6' W.$; depth, 4 to 5 fathoms; bottom, mud.

Boltenia legumen.

Station 320, February 14, 1876; lat. $37^{\circ} 17' S.$, long. $53^{\circ} 52' W.$ (off the coast of Buenos Ayres); depth, 600 fathoms; bottom temperature, $2^{\circ} 7 C.$; bottom, hard ground.

Molgula pyriformis.

Styela flava.

oblonga.

glans.

Ascidia meridionalis.

tenera.

Hypobythius moseleyi.