

Between New Guinea and Japan the following Compound Ascidiæ were obtained :—

Station 233A, May 19, 1875; lat. $34^{\circ} 38' N.$, $135^{\circ} 1' E.$; depth, 50 fathoms; sand.

Leptoclinum japonicum.

Between Japan and the Sandwich Islands no Compound Ascidiæ were obtained.

Between the Sandwich Islands and Valparaiso no Compound Ascidiæ were obtained.

Between Valparaiso and the Falkland Islands the following Compound Ascidiæ were obtained :—

Station 308, January 5, 1876; lat. $50^{\circ} 8' 30'' S.$, long. $74^{\circ} 41' W.$; depth, 175 fathoms; blue mud.

Leptoclinum tenue.

Station 311, January 11, 1876; lat. $52^{\circ} 45' 30'' S.$, long. $73^{\circ} 46' W.$; depth, 245 fathoms; bottom, blue mud; bottom temperature, $46^{\circ} 0.$

Colella ramulosa.

Amaroucium recumbens.

Leptoclinum tenue.

„ *propinquum.*

Station 313, January 20, 1876; lat. $52^{\circ} 20' S.$, long. $67^{\circ} 39' W.$; depth, 55 fathoms; bottom, sand; bottom temperature, $47^{\circ} 8.$

Colella pedunculata.

Atopogaster gigantea.

„ *elongata.*

Polyclinum incertum

Amaroucium irregulare.

„ „ var. *concinnum.*

„ *lævigatum.*

————— (?) *ignotus.*

Goodsiria coccinea.

Synstyela incrustans.

Station 314, January 21, 1876; lat. $51^{\circ} 35' S.$, long. $65^{\circ} 39' W.$; depth, 70 fathoms; bottom, sand; bottom temperature, $46^{\circ}.$

Goodsiria coccinea.