

STATION 148. January 3, 1874; lat. $46^{\circ} 47' 0''$ S., long. $51^{\circ} 37' 0''$ E.; Possession Island; depth, 210 fathoms; bottom, hard ground, gravel, shells.

Phakellia papyracea.

Suberites mollis.

STATION 148A. January 3, 1874; lat. $46^{\circ} 53' 0''$ S., long. $51^{\circ} 52' 0''$ E.; south of Crozet Islands; depth, 240 to 550 fathoms; bottom, hard ground, gravel, shells.

Gellius carduus.

Myxilla nobilis.

Iophon chelifer.

Axinella erecta.

Kerguelen.

Halichondria panicea.

Amphilectus pilosus.

Petrosia hispida.

Axinella balfourensis.

Pachychalina (?) *pedunculata.*

Suberites antarcticus.

Desmacidon (*Homæodictya*) *kerguelenensis.*

Stylocordyla stipitata, var.
globosa.

Amphilectus apollinis.

Latrunculia apicalis.

Latrunculia bocagei.

STATION 150. February 2, 1874; lat. $52^{\circ} 4' 0''$ S., long. $71^{\circ} 22' 0''$ E.; west of Heard Island, Southern Ocean; depth, 150 fathoms; bottom, coarse gravel; bottom temperature, $35^{\circ} 2$.

Petrosia similis.

Myxilla fusca.

Suberites microstomus.

STATION 157. March 3, 1874; lat. $53^{\circ} 55' 0''$ S., long. $108^{\circ} 35' 0''$ E.; Southern Ocean, south-west of Australia; depth, 1950 fathoms; bottom, Diatom ooze; bottom temperature, $32^{\circ} 1$.

Cladorhiza moruliformis.

Off the south-east coast of Australia.

Suberites durissimus.

STATION 162. April 2, 1874; lat. $39^{\circ} 10' 30''$ S., long. $146^{\circ} 37' 0''$ E.; Bass Strait; depth, 38 fathoms; bottom, sand and shells.

Pachychalina elongata.

Siphonochalina annulata.

Pachychalina (?) *punctata.*

Rhizochalina putridosa.

Chalina pergamentacea.

Tedania commixta.

Chalina sp. (b).

Esperella arenicola.