

Station 163, April 4, 1874; lat. 36° 56' S., long. 150° 30' E.; depth, 2200 fathoms; bottom temperature, 0°·7 C.; bottom, red clay. Trawled in 120 fathoms,<sup>1</sup> off Twofold Bay.

*Polycarpa radicata.*

*Ascidia cylindracea.*

Port Jackson, Australia; 17th April to 23rd May 1874; 2 to 20 fathoms.

*Molgula forbesi.*

*Cynthia cerebriformis.*

*irregularis.*

*complanata.*

*Styela gyrosa.*

*exigua.*

*Polycarpa tinctor.*

*viridis.*

*longisiphonica.*

*radicata.*

*Ascidia pyriformis.*

Canterbury, New Zealand.

*Boltenia pachydermatina.*

Between New Zealand and the Fiji Islands the following Tunicata were collected:—

Station 170, July 14, 1874; lat. 29° 55' S., long. 178° 14' W.; depth, 520 fathoms; bottom temperature, 6°·0 C.; bottom, rock.

*Culeolus wyville-thomsoni.*

Kandavu, the Fiji Islands; July 27, 1874.

*Cynthia pallida.*

Between the Fiji Islands and Hong Kong, China, the following Tunicata were dredged:—

Station 186, September 8, 1874; lat. 10° 30' S., long. 142° 18' E.; depth, 8 fathoms; bottom, coral sand.

*Cynthia arenosa.*

*formosa.*<sup>2</sup>

Station 188, September 10, 1874; lat. 9° 59' S., long. 139° 42' E.; depth, 28 fathoms; bottom, mud.

*Microcosmus helleri.*

<sup>1</sup> The two Ascidians are almost certainly from this depth.

<sup>2</sup> This species is labelled "Torres Straits, 3 to 11 fathoms."