

STATION 162. Off East Moncœur Island, Bass Strait, April 2, 1874; lat. 39° 10' 30" S., long. 146° 37' 0" E.; depth, 38 fathoms; bottom, sand and shells. Dredged.

<i>Heteroplton pluma.</i>		<i>Calamphora parvula.</i>
<i>Diplocheilus mirabilis.</i>		<i>Desmoscyphus pectinatus.</i>
<i>Dictyocladium dichotomum.</i>		

STATION 163A. Off Twofold Bay, Australia, April 4, 1874; lat. 36° 59' S., long. 150° 20' E.; depth, 150 fathoms; bottom, green mud. Trawled.

<i>Plumularia laxa.</i>		<i>Halecium beanii.</i>
<i>Perisiphonia filicula.</i>		<i>Hypopyxis labrosa.</i>

STATION 163B. Off Port Jackson, June 3, 1874; lat. 33° 51' 15" S., long. 151° 22' 15" E.; depth, 35 fathoms; bottom, hard ground; bottom temperature, 63°. Dredged.

<i>Plumularia armata.</i>		<i>Sertularia annulata.</i>
<i>Halecium telescopicum.</i>		<i>Syntheticium campylocarpum.</i>
<i>Syntheticium alternans.</i>		

STATION 169. Near New Zealand, July 10, 1874; lat. 37° 34' S., long. 179° 22' E.; depth, 700 fathoms; bottom, blue mud; bottom temperature, 40°. Trawled.

<i>Cryptolaria gracilis.</i>		<i>Perisiphonia pectinata.</i>
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STATION 173. Off Matuku, Fiji Islands, July 24, 1874; lat. 19° 9' 35" S., long. 179° 41' 50" E.; depth, 315 fathoms; bottom, coral mud. Dredged.

*Cryptolaria geniculata.*

STATION 177. Off the New Hebrides, August 18, 1874; lat. 16° 45' S., long. 168° 7' E.; depth, 63 to 130 fathoms; bottom, volcanic sand; surface temperature, 78°·7.

*Lictorella cyathifera.*

Off Somerset, Cape York; depth, 8 to 2 fathoms. Dredged.

<i>Sciurella indivisa.</i>		<i>Thyroscyphus simplex.</i>
<i>Acanthella effusa.</i>		<i>Lictorella halecioides.</i>
<i>Diplocyathus dichotomus.</i>		<i>Desmoscyphus obliquus.</i>

STATION 186. Flinders Passage, Torres Strait, September 8, 1874; lat. 10° 30' S., long. 142° 18' E.; depth, 8 fathoms; bottom, coral mud. Dredged.

<i>Lytocarpus spectabilis.</i>		<i>Thuiaria vineta.</i>
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