

STATION 166. Off the west coast of New Zealand. June 23, 1874. Lat. $38^{\circ} 50' 0''$ S., long. $169^{\circ} 20' 0''$ E. Depth 275 fathoms. Globigerina ooze. Bottom temperature $50^{\circ} 8$ Fahr; surface temperature $58^{\circ} 5$ Fahr.

Cribrella compacta.

STATION 167. North-west of Port Hardy, New Zealand. June 24, 1874. Lat. $39^{\circ} 32' 0''$ S., long. $171^{\circ} 48' 0''$ E. Depth 150 fathoms. Blue mud. Surface temperature $58^{\circ} 5$ Fahr.

Psilaster acuminatus. Also at Station 164; and Simon's Bay, Cape of Good Hope.

STATION 167A. Queen Charlotte Sound, New Zealand. June 27, 1874. Lat. $41^{\circ} 4' 0''$ S., long. $174^{\circ} 19' 0''$ E. Depth 10 fathoms. Mud. Surface temperature $51^{\circ} 5$ Fahr.

Asterina regularis.

STATION 170. North of the Kermadec Islands. July 14, 1874. Lat. $29^{\circ} 55' 0''$ S., long. $178^{\circ} 14' 0''$ W. Depth 520 fathoms. Volcanic mud. Bottom temperature $43^{\circ} 0$ Fahr.; surface temperature $65^{\circ} 0$ Fahr.

Solaster torulatus.

Cribrella sufflata.

STATION 171. North-east of the Kermadec Islands. July 15, 1874. Lat. $28^{\circ} 33' 0''$ S., long. $177^{\circ} 50' 0''$ W. Depth 600 fathoms. Hard ground. Bottom temperature $39^{\circ} 5$ Fahr.; surface temperature $66^{\circ} 5$ Fahr.

Freyella polycnema.

Off Tongatabu, Friendly Islands. Conditions not recorded.

Linckia pacifica, var. *diplox.* Also off Kandavu, Fiji Islands.

Off Kandavu, Fiji Islands. On the reefs. August 1874.

Archaster typicus. Also off Samboangan and off Zebu, Philippine Islands; and at Station 200.

Choriaster granulatus. Also off Samboangan, Philippine Islands.

Gymnasteria carinifera.

Fromia milleporella.

Ophidiaster cylindricus.

LeiaSTER speciosus.

Linckia miliaris. Also off Zebu, Philippine Islands.