

Simon's Bay, Cape of Good Hope; shallow water.

Eunicella papillosa, Esper. | (?) *Lophogorgia flammea* (Ell. and Sol.).

STATION 145A.—December 27, 1873; lat. 46° 41' S., long. 38° 10' E., off Marion Island; depth, 310 fathoms; bottom, volcanic sand.

<i>Primnoisis sparsa</i> , n. sp. (85 fathoms).		<i>Stenella spinosa</i> , n. sp.
<i>Primnoisis antarctica</i> (Studer).		<i>Thouarella variabilis</i> , n. sp., vars. <i>a</i> and <i>b</i> .
<i>Primnoides sertularoides</i> , n. sp.		<i>Lophogorgia lütkeni</i> , n. sp.
<i>Acanthogorgia ramosissima</i> , n. sp.		<i>Pleurocorallium secundum</i> , Dana.

Kerguelen; depth, 10 to 80 fathoms.

Primnoisis ambigua, n. sp.

STATION 148A.—January 3, 1874; lat. 46° 53' S., long. 51° 52' E., off the Crozet Islands; depth, 550 fathoms; bottom, hard ground, gravel, shells.

Thouarella antarctica (Val.).

STATION 150.—February 2, 1874; lat. 52° 4' S., long. 71° 22' E., between Kerguelen and Heard Islands; depth, 150 fathoms; bottom, coarse gravel.

Thouarella variabilis, n. sp., var. *gracilis*, nov.

STATION 151.—February 7, 1874; lat. 52° 59' 30" S., long. 73° 33' 30" E., off Heard Island; depth, 75 fathoms; bottom, volcanic mud.

Alcyonium antarcticum, n. sp.

STATION 153.—February 14, 1874; lat. 65° 42' S., long. 79° 49' E., Antarctic Ocean depth, 1675 fathoms; bottom, blue mud.

Callozostron mirabilis, n. sp.

STATION 162.—April 2, 1874; lat. 39° 10' 30" S., long. 146° 37' 0" E., off East Moncœu Island; depth, 38 fathoms; bottom, sand and shells.

Mopsea encrinula (Lamk.). | *Melitodes rugosa*, n. sp.

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

Primnoella grandisquamis, n. sp. | *Primnoella australasiæ*, Gray.
Eunephthya fusca, n. sp.