- Ophidiaster cylindricus (Lamarck), Müller and Troschel. (Kandavu reefs); obtained at no other locality by the Challenger. Recorded from Indian and Pacific Oceans.
- Leiaster speciosus, Martens. (Kandavu reefs); obtained at no other locality by the Challenger. Recorded from Flores.
- Linckia miliaris (Linck), Martens. (Kandavu reefs); obtained also at Philippines.

 Recorded from Indian and Pacific Oceans.
 - " pacifica, Gray, var. diplax (Müller and Troschel). (Kandavu reefs); obtained also at Tongatabu.
- Acanthaster echinites (Ellis and Solander), Lütken. (Kandavu reefs); obtained also at Philippines. Recorded from Indian and Pacific Oceans.
- Mithrodia clavigera (Lamarck), Perrier. (Kandavu reefs); obtained at no other locality by the Challenger. Recorded from Indian and Pacific Oceans.
- Asterias (Stolasterias) gemmifera (Valenciennes, MS.), Perrier. (Kandavu reefs); obtained at no other locality by the Challenger. Recorded from Chili.

OPHIUROIDEA (Lyman, Zool. pt. 14).

- Pectinura gorgonia (Müller and Troschel). (Fiji Islands); obtained at no other locality by the Challenger.
 - " rigida, Lyman. (Fiji Islands—Levuka reefs?); obtained at no other locality by the Challenger.
- Ophiochæta setosa, Lütken. (Fiji Islands); obtained at no other locality by the Challenger.
- Amphiura depressa (Ljungman) (?). (Fiji Islands, 6 fathoms); obtained also at Station 233B, 15 fathoms.
- Ophionereis dubia (Müller and Troschel) (?). (Fiji Islands); obtained also at Canaries (?) and Amboina.
- Ophiocoma scolopendrina, Agassiz. (Fiji Islands); obtained also at Simon's Bay, Cape, Tongatabu, and Philippines.
- Ophiomastix caryophyllata, Lütken. (Fiji Islands); obtained also at Philippines.

 " mixta, Lütken. (Fiji Islands); obtained at no other locality by the Challenger.
- Ophiothrix longipeda (Lamarck). (Fiji Islands); for distribution see Tongatabu. " stelligera, Lyman. (Fiji Islands); obtained also at Station 186, Arafura Sea (?), and Philippines.
 - " propinqua, Lyman. (Levuka reefs); obtained also at Tongatabu (?)