

Station 20g. Port Clarence, Alaska; 2-3 fathoms; sandy grey mud, with algae (thread algae, *Laminaria*, etc.); August 4, 1913.

Three specimens, ranging in size from 65 mm. in horizontal diameter and 34 mm. in height to 7 mm. in horizontal diameter and 3 mm. in height. The test and tube feet are dull purplish, the spines dull olive, beneath becoming tinged with dull purplish in the distal half. Mr. Johansen notes that of the specimens collected at this station only the extremes in size were kept.

Station 20m. Beach at Port Clarence, Alaska; August, 1913.

One specimen, measuring 20 mm. by 10 mm.

Station 37p. Beach at Bernard harbour, Northwest Territories; October, 1911.

One specimen, measuring 17 mm. by 21 mm.

Station 41. Outer harbour, Bernard harbour, Northwest Territories; 10 metres; sandy mud with *Laminaria* and *Delesseria*; bottom temperature 32° .5 Fahrenheit; July 20, 1915.

One specimen, measuring 37 mm. by 18 mm.

Station 43c. West of Cockburn point, Dolphin and Union strait, Northwest Territories; 20-30 metres; grey mud with many stones and algae (*Laminaria*, *Delesseria*, and *Lithothamnion*); September 14, 1915.

Ninety-four specimens, of which the largest is 53 mm. by 28 mm. These are very dark in colour, deep dull purple, lighter and brighter beneath, the spines above usually dark olive, sometimes deep dull purple, below dark purple distally, becoming gradually olive in the proximal half or two-thirds, and often with a broad subterminal dusky band.

Station 44c. Beach at cape Barrow, Coronation gulf, Northwest Territories; August 3, 1915. J. J. O'Neill collector.

Five specimens, the largest measuring 19 mm. by 23 mm.

Station 44e. Kammyuk island, Bathurst inlet, Coronation gulf, Northwest Territories; 1 fathom; September 2, 1915. R. M. Anderson, collector.

One specimen, measuring 16 mm. in horizontal diameter. The colour is purple, with green spines.

Class HOLOTHUROIDEA.

Order PARACTINOPODA.

Family SYNAPTIDÆ.

Subfamily MYRIOTROCHINÆ.

Myriotrochus rinkii Steenstrup

Station 37c. Inner harbour at Bernard harbour, Northwest Territories; about 2 fathoms; sandy mud with algae; September 1, 1911.

One specimen.

Station 41. Outer harbour at Bernard harbour, Northwest Territories; about 5 fathoms; sandy mud and *Laminaria*; July 20, 1915.

Six specimens.

Station 41c. Outer harbour at Bernard harbour, Northwest Territories; 3-8 fathoms; grey mud with *Laminaria* and *Delesseria*; July 28, 1915.

Thirty-nine specimens.

Station 43a. Off Cockburn point, Dolphin and Union strait; about 50 fathoms; sandy mud with pebbles, and no algae; September 13, 1915.

Three specimens.

Mr. Johansen writes that from the results of the investigations at Stations 37c, 41, 41c, and 43a it appears that *Myriotrochus rinkii*, the only holothurian