

ECHINODERMS AND CRUSTACEANS COLLECTED BY THE
WEST GREENLAND EXPEDITION OF 1891.

BY J. E. IVES.

The collection of Echinoderms and Crustaceans obtained by the Expedition of the Academy of Natural Sciences to the western coast of Greenland in the summer of 1891, Professor Angelo Heilprin in charge, was made mainly in McCormick Bay, on the southern shore of Prudhoe Land, in Lat. $77^{\circ} 40' N.$, Long. $71^{\circ} W.$ where Lieutenant Peary, in command of the North Greenland Expedition, was left in winter quarters. A few specimens were also collected at localities touched at in the journey to and from this place.

The author is indebted to Professor Benjamin Sharp the Zoologist-in-Charge of the Expedition for the opportunity of working up this portion of the collection.

No new forms were found, but the collection is of some interest on account of the specimens having been obtained much further north on the western coast of Greenland than heretofore. It is also worthy of note that the two Isopods, *Atylus carinatus* and *Themisto libellula*, are the prey respectively of the Eider Duck and the Ringed Seal.

So much has been written upon the arctic fauna that it would be superfluous to make any comments upon the distribution of the species collected, but attention may be drawn to the fact that the more that is known of the marine invertebrates of these regions, the more apparent becomes the general homogeneity of the circumboreal fauna. The collections made by the United States Expedition to Point Barrow, Alaska, have confirmed the evidence in this direction already obtained by the various expeditions to the arctic regions of the North Atlantic, and by the "Vega" during its cruise along the northern shores of Russia and Siberia.

ECHINODERMS.

Amphiura Sundevalli Müller and Troschel.

Amphiura Holbölli Lütken.

McCormick Bay. A single specimen dredged in 3 fathoms of water upon *Fucus*.

Ophioglypha robusta Lyman.¹

Ophiura squamosa Lütken.

? *Ophiura fasciculata* Forbes.

McCormick Bay. A number of specimens dredged in 3 fathoms of water upon *Fucus*.

Ophiecten sericeum Forbes.

Ophiecten Kröyeri Lütken.

McCormick Bay. Four specimens dredged in 3 fathoms of water upon *Fucus*.

Asterias Grönlandica Steenstrup.

McCormick Bay. A single specimen dredged in 3 fathoms of water upon *Fucus*.

Asterias polaris Müller and Troschel.

Godhavn, Disco Island. A single specimen collected on the beach.

Strongylocentrotus Dröbachiensis Muller.

McCormick Bay. A single young specimen dredged in 3 fathoms of water upon *Fucus*.

CRUSTACEA.

Arcturus Baffini Sabine.

McCormick Bay. A single specimen collected on the beach.

Anonyx nugax Phipps.

McCormick Bay. Numerous specimens from about 5 fathoms of water.

Gammarus locusta Linn.

McCormick Bay. Numerous specimens from about 5 fathoms of water.

Atylus carinatus Fabricius.

McCormick Bay. Numerous specimens from about 5 fathoms of water.

Disco Bay. Numerous specimens taken from the stomach of an Eider Duck (*Somateria mollissima borealis*.)

¹ It appears to me questionable whether the species described under this name by Dr. Lyman is the same as the species originally described by Ayres. I have, therefore, merely adopted Dr. Lyman's name provisionally to indicate the species he has described.

Themisto libellula Mandt.

Melville Bay. Numerous specimens from the stomach of a Ringed Seal (*Phoca foetida*.)

Aegina spinifera Bell.

McCormick Bay. A single specimen from about 3 fathoms of water.



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