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OF THE

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ADVERTISEMENT.

This work is the fifteenth of a series of papers intended to illustrate the collections of Natural History and Ethnology belonging to the United States, and constituting the National Museum, of which the Smithsonian Institution was placed in charge by the act of Congress of August 10, 1846.

It has been prepared at the request of the Institution, and printed by authority of the honorable Secretary of the Interior.

SPENCER F. BAIRD,

Secretary of the Smithsonian Institution.

SMITHSONIAN INSTITUTION,

Washington, April 15, 1879.

CONTRIBUTIONS

TO THE

NATURAL HISTORY

OF

ARCTIC AMERICA,

MADE IN CONNECTION WITH

THE HOWGATE POLAR EXPEDITION, 1877-78,

BY

LUDWIG KUMLIEN,

NATURALIST OF THE EXPEDITION.



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ALGÆ.

LIST OF ALGAE COLLECTED AT POINTS IN CUMBERLAND SOUND DURING THE AUTUMN
OF 1877.

BY W. G. FARLOW.

- Odonthalia dentata.*
Rhodomela subfusca.
Rhodomela tenuissima.
Polysiphonia arctica.
Delesseria rostrata.
Delesseria alata.
Rhodophyllis repereuta.
Euthora cristata.
Phyllophora interrupta.
Phyllophora membranifolia.
Ptilota plumosa, var. *serrata.*
Ceramium rubrum.
Callithamnion Pylaisæi.
Callithamnion Rothii.
Chordaria flagelliformis.
Dictyosiphon fœniculaceus.
Phæospora tortilis.
Sphacelaria arctica.
Chætopteris plumosa.
Ectocarpus hiemalis.
Ectocarpus Farlowii.
Ectocarpus Landsburgii?
Ectocarpus firmus, var.
Monostoma ———?
Cladophora arcta.
Ulothrix flacca.
Hæmatococcus lacustris (Protococcus nivalis).