

Department of the Interior:

U. S. NATIONAL MUSEUM.

— 15 —

# BULLETIN

OF THE

UNITED STATES NATIONAL MUSEUM.

No. 15.

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WASHINGTON:  
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1879.

## ADVERTISEMENT.

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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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# MINERALS.

BY F. M. ENDLICH.

The following is the catalogue of the minerals collected by Dr. Kumlien. Each one of the species is represented by a number of specimens. Interesting, among them, is a collection of the supposed meteoric stones from Ovifak.

Smithsonian  
number.

9580. SUPPOSED METEORIC STONES from Ovifak, Disko Island, Greenland.
9581. GRANITE, probably from a drift-boulder, Greenland.
9582. ROSE QUARTZ. A large number of specimens from Greenland.
9583. ORTHOCLASE, from Niantilie Gulf, Cumberland.
9584. TOURMALINE, crystals with one end termination. Some of them are of considerable size. Color black. Niantilie Gulf.
9585. MUSCOVITE, crystals and large plates. The latter contains some hematitic inclusions. Niantilie Gulf.
9586. MUSCOVITE, crystals. Niantilie Gulf.
9587. ORTHOCLASE, massive, yellow. Niantilie Gulf.
9588. BIOTITE, in small crystals. Niantilie Gulf.
9589. QUARTZ, colorless. Niantilie Gulf.
9590. CHALCEDONY, gray and blue. Disko Fjord.
9591. ARGYLLITE, red, compact. Ovifak.
9592. CHALCOPYRITE, massive, in quartz. Cumberland Gulf.
9593. PYRRHOTITE, associated with some pyrite. Cumberland Gulf.
9594. SMOKY QUARTZ, massive. Cumberland Gulf.
9595. CHLORITE, crystallized. Cumberland Gulf.
9596. APATITE, crystalline. Cumberland Gulf.
9597. GARNET, variety, probably *Spessartite*, crystallized in clusters and single large crystals. Cumberland Gulf.
9598. APOPHYLLITE. Small quantities associated with *Chalcopyrite*. Cumberland Gulf.