

Oceanographic conditions influencing little auks (*Alle alle*) in the Greenland Sea

AUTHORS:

Nina J. Karnovsky
Pomona College
Dept. of Biology
175 W. 6th St.
Claremont, CA 91711

Phone: 909-607-9794

Fax: 909-621 8878

Email address: nina.karnovsky@pomona.edu

Co-PI Ann Harding

FUNDING SOURCE AND GRANT NUMBER:

National Science Foundation

Grant number: 0612504

DATA SET OVERVIEW:

This dataset includes the abundance, biomass, and energetic content of zooplankton in chick meals taken from the gular pouch of provisioning adult little auks in Hornsund Fjord, southwest Spitsbergen (77°00' N, 15° 22' E) in July 2001-2008.

INSTRUMENT DESCRIPTION:

Microscope

DATA COLLECTION and PROCESSING:

Adult provisioning little auks were captured using noose carpets or mist nets. Diet samples were removed from the gular pouch using a small plastic or wooden scoop and preserved in 5% formaldehyde (w/w) in seawater. Zooplankton were then counted and identified to the lowest possible taxonomic group. Abundances were converted to energetic content using the formulae of (REFS).

DATA FORMAT:

This is a Microsoft Excel file. Each row represents an individual diet sample. The "Completeness" column indicates whether the entire gular pouch contents were collected (c) or whether it is a partial diet sample (nc). >Q1_all samples? The first three data columns show total abundance, wet biomass, and energetic content (kJ) for the entire diet sample. Following columns show the abundance of each individual zooplankton group within the diet sample. Abbreviations for Copepod species are as follows:

AF: Adult Female
AM: Adult Male
CV: Copepodite stage V
CIV: Copepodite stage IV
CIII: Copepodite stage III

DATA REMARKS:

None

REFERENCES: