



Scientific Excellence • Resource Protection & Conservation • Benefits for Canadians  
Excellence scientifique • Protection et conservation des ressources • Bénéfices aux Canadiens

DFO - Library / MPO - Bibliothèque



14010848

# **Benthic invertebrates collected from Hudson Strait, Foxe Channel and Foxe Basin, Canada, 1949 to 1970**

E.G. Atkinson and J.W. Wacasey

Arctic Biological Station  
Department of Fisheries and Oceans  
Quebec Region

March 1989

## **Canadian Data Report of Fisheries and Aquatic Sciences No. 746**

QH  
90.5  
C33  
No 746  
Ex. 1.



Fisheries  
and Oceans

Pêches  
et Océans

Canada

## **Canadian Data Report of Fisheries and Aquatic Sciences**

Data reports provide a medium for filing and archiving data compilations where little or no analysis is included. Such compilations commonly will have been prepared in support of other journal publications or reports. The subject matter of data reports reflects the broad interests and policies of the Department of Fisheries and Oceans, namely, fisheries and aquatic sciences.

Data reports are not intended for general distribution and the contents must not be referred to in other publications without prior written authorization from the issuing establishment. The correct citation appears above the abstract of each report. Data reports are abstracted in *Aquatic Sciences and Fisheries Abstracts* and indexed in the Department's annual index to scientific and technical publications.

Numbers 1-25 in this series were issued as Fisheries and Marine Service Data Records. Numbers 26-160 were issued as Department of Fisheries and the Environment, Fisheries and Marine Service Data Reports. The current series name was introduced with the publication of report number 161.

Data reports are produced regionally but are numbered nationally. Requests for individual reports will be filled by the issuing establishment listed on the front cover and title page. Out-of-stock reports will be supplied for a fee by commercial agents.

## **Rapport statistique canadien des sciences halieutiques et aquatiques**

Les rapports statistiques servent à classer et à archiver les compilations de données pour lesquelles il y a peu ou point d'analyse. Ces compilations auront d'ordinaire été préparées à l'appui d'autres publications ou rapports. Les sujets des rapports statistiques reflètent la vaste gamme des intérêts et des politiques du ministère des Pêches et des Océans, c'est-à-dire les sciences halieutiques et aquatiques.

Les rapports statistiques ne sont pas destinés à une vaste distribution et leur contenu ne doit pas être mentionné dans une publication sans autorisation écrite préalable de l'établissement auteur. Le titre exact paraît au-dessus du résumé de chaque rapport. Les rapports statistiques sont résumés dans la revue *Résumés des sciences aquatiques et halieutiques*, et ils sont classés dans l'index annuel des publications scientifiques et techniques du Ministère.

Les numéros 1 à 25 de cette série ont été publiés à titre de relevés statistiques, Services des pêches et de la mer. Les numéros 26 à 160 ont été publiés à titre de rapports statistiques du Service des pêches et de la mer, ministère des Pêches et de l'Environnement. Le nom actuel de la série a été établi lors de la parution du numéro 161.

Les rapports statistiques sont produits à l'échelon régional, mais numérotés à l'échelon national. Les demandes de rapports seront satisfaites par l'établissement auteur dont le nom figure sur la couverture et la page du titre. Les rapports épuisés seront fournis contre rétribution par des agents commerciaux.

1119978

Canadian Data Report of  
Fisheries and Aquatic Sciences 746

March 1989

BENTHIC INVERTEBRATES COLLECTED FROM  
HUDSON STRAIT, FOXE CHANNEL AND FOXE BASIN,  
CANADA, 1949 to 1970

by

E.G. Atkinson and J.W. Wacasey

Arctic Biological Station of the  
Institut Maurice-Lamontagne  
Department of Fisheries and Oceans  
555 Boul. St. Pierre  
Ste-Anne-de-Bellevue, Québec  
H9X 3R4

04  
110.5  
C33  
Mo 7/1/6  
Ev.1

Minister of Supply and Services Canada 1989  
Cat. No. Fs97-13/0746 ISSN 0706-6465

Correct citation for this publication:

Atkinson, E.G. and J.W. Wacasey. 1989. Benthic invertebrates collected from Hudson Strait, Foxe Channel and Foxe Basin, Canada, 1949 to 1970. Can. Data Rep. Fish. Aquat. Sci.: 746. iv + 98 p.

## TABLE OF CONTENTS

ABSTRACT/RÉSUMÉ	iv
INTRODUCTION	1
ACKNOWLEDGEMENTS	2
REFERENCES	2
Figure 1. Map of station locations in Hudson Strait and Foxe Channel.	5
Figure 2. Map of station locations in Foxe Basin.	6
Table 1. Coordinates of stations sampled.	7
Table 2. Associated station data.	9
Table 3. Species of benthic invertebrates collected from all stations.	12
Tables 4-84. Benthic invertebrates collected from individual stations.	27

## ABSTRACT

Atkinson, E.G. and J.W. Wacasey. 1989. Benthic invertebrates collected from Hudson Strait, Foxe Channel and Foxe Basin, Canada, 1949 to 1970. Can. Data Rep. Fish. Aquat. Sci.: 746. iv + 98 p.

Tabulations of benthic invertebrates are provided for 81 stations sampled in the Hudson Strait-Foxe Basin area by the Eastern Arctic Investigations of the Fisheries Research Board of Canada, now the Arctic Biological Station of the Department of Fisheries and Oceans, between 1949 and 1970. A total of 541 species, mostly macrobenthic (> 1 mm), are represented in the collections.

Key words: Benthos, benthic environment, marine invertebrates, distribution, Arctic Canada, Hudson Strait, Foxe Basin.

## RÉSUMÉ

Atkinson, E.G. and J.W. Wacasey. 1989. Benthic invertebrates collected from Hudson Strait, Foxe Channel and Foxe Basin, Canada, 1949 to 1970. Can. Data Rep. Fish. Aquat. Sci.: 746. iv + 98 p.

Des compilations des invertébrés benthiques sont produites pour 81 stations échantillonnées dans la région du Détroit d'Hudson-Bassin de Foxe entre 1949 et 1970 par le groupe Eastern Arctic Investigations de l'Office des Recherches sur les Pêcheries du Canada, maintenant la Station de Biologie Arctique du Ministère des Pêches et des Océans. Un total de 541 espèces, principalement macrobenthiques (> 1 mm), sont représentées dans les échantillons.

Mots clefs: Benthos, milieu benthique, invertébrés marins, distribution, Arctique canadien, Détroit d'Hudson, Bassin de Foxe.

## INTRODUCTION

This report contains lists of benthic invertebrates collected in Hudson Strait, Foxe Channel and Foxe Basin between 1949 and 1970 by the Eastern Arctic Investigations of the Fisheries Research Board of Canada, now the Arctic Biological Station of the Department of Fisheries and Oceans.

Intertidal sampling was done by hand and with dip nets; from boats, collections were made by dredge, trawl, grab, hand line, plankton net, dip net, and by removing specimens brought up by the anchor. Sampling was not quantitative, and since no special effort was made to retain meiofauna or microfauna, many small species are not included.

Some of the material included here has already been reported in the publications listed under References; identifications of species not covered therein were made by the authors and others in order to present complete listings of the benthic invertebrates collected at each station. Station locations are shown in Figures 1 and 2, and coordinates and associated data are listed in Tables 1 and 2 respectively. The latter consist of collection date and station depth; time of collection, temperature and salinity near the bottom are included when available. Table 3 is an alphabetical listing of all species, compiled from the individual station lists presented in the following Tables 4-84. The relative number of species indicated from the various geographical sub-regions at the end of this table probably reflects unequal sampling intensities rather than any real differences in diversity. The names of some species listed in the publications referred to have been changed to conform to recent literature, but the former name is given in parentheses. Most of the specimens have been deposited in the National Museum of Natural History, Ottawa.

## ACKNOWLEDGEMENTS

We thank the following individuals for identifying specimens not covered in the publications listed below: N. Jarrett, A. Mohammed, J. Lovrity, K. Rieman-Zerneck, P. Frank and J. Just. L. Glasspoole and D. Moore helped in sorting some of the material and R. Clarke assisted in compiling and checking the lists. E.H. Grainger provided some collection data and helped to resolve inconsistencies in these where necessary. Dora Godard's care and patience in typing the report are greatly appreciated.

## REFERENCES

- Bousfield, E.L. 1955. The cirripede crustacea of the Hudson Strait region, Canadian Eastern Arctic. J. Fish. Res. Board Can. 12:762-767.
- Calder, D.R. 1970. Thecate hydroids from the shelf waters of northern Canada. J. Fish. Res. Board Can. 27:1501-1547.
- \_\_\_\_\_. 1972. Some athecate hydroids from the shelf waters of northern Canada. J. Fish. Res. Board Can. 29:217-228.
- Cory, S. 1981. Distribution of certain Arctic and Subarctic Cumacea in Canadian waters. Can. J. Zool. 59:1726-1733.
- Dunbar, M.J. 1954. The amphipod crustacea of Ungava Bay, Canadian Eastern Arctic. J. Fish. Res. Board Can. 11:709-798.
- Ellis, D.V. 1960. Marine infaunal benthos in Arctic North America. Arctic Inst. North Am. Tech. Pap. 5:53 p.
- Grainger, E.H. 1954. Polychaetous annelids of Ungava Bay, Hudson Strait, Frobisher Bay and Cumberland Sound. J. Fish. Res. Board Can. 11(5):507-528.



- \_\_\_\_\_. 1955. Echinoderms of Ungava Bay, Hudson Strait, Frobisher Bay and Cumberland Sound. J. Fish. Res. Board Can. 12(6):899-916.
- \_\_\_\_\_. 1966. Sea Stars (Echinodermata:Asteroidea) of Arctic North America. Bull. Fish. Res. Board Can. 152:70 p.
- Hedgpeth, J.W. 1963. Pycnogonida of the North American Arctic. J. Fish. Res. Board Can. 20(5):1315-1348.
- Laubitz, D.R. 1972. The Caprellidae (Crustacea, Amphipoda) of Atlantic and Arctic Canada. Natl. Mus. Nat. Sci. (Ottawa). Publ. Biol. Oceanogr. 4:82 p.
- Lubinsky, I. 1972. The marine bivalve molluscs of the Canadian Arctic. McGill Univ. Ph.D. thesis. 318 + p.
- \_\_\_\_\_. 1980. Marine bivalve molluscs of the Canadian central and eastern Arctic: faunal composition and zoogeography. Can. Bull. Fish. Aquat. Sci. 207:111 p.
- Macpherson, E. 1971. The marine molluscs of Arctic Canada. Natl. Mus. Nat. Sci. (Ottawa). Publ. Biol. Oceanogr. 3:149 p.
- Mercer, M.C. 1968. Systematics and biology of the sepiolid squids of the genus Rossia Owen, 1835 in Canadian waters with a preliminary review of the genus. Memorial Univ. Nfld. M.Sc. thesis. 96 p.
- Powell, N.A. 1968. Bryozoa (Polyzoa) of Arctic Canada. J. Fish. Res. Board Can. 25(11):2269-2320.
- Squires, H.J. 1957. Decapod Crustacea of the *Calanus* expeditions in Ungava Bay, 1947 to 1950. Can. J. Zool. 35:463-494.
- \_\_\_\_\_. 1970. Decapod crustaceans of Newfoundland, Labrador and the Canadian eastern Arctic. Fish. Res. Board Can. MS Rep. 810:212 p.
- Steele, D.H. 1961. Studies in the marine amphipoda of eastern and northeastern Canada. McGill Univ. Ph.D. thesis. 350 p.

- \_\_\_\_\_. 1982. The genus Anonyx (Crustacea, Amphipoda) in the North Pacific and Arctic oceans: Anonyx nugax group. Can. J. Zool. 60:1754-1775.
- \_\_\_\_\_. 1986. The genus Anonyx (Crustacea, Amphipoda) in the North Pacific and Arctic oceans: Anonyx laticoxae group. Can. J. Zool. 64:2603-2623.
- Steele, D.H. and P. Brunel. 1968. Collections of Amphipods of the genus Anonyx, mainly from the Atlantic and Arctic coasts of North America. Fish. Res. Board Can. Tech. Rep. 47:73 p.
- \_\_\_\_\_. 1968. Amphipoda of the Atlantic and Arctic Coasts of North America: Anonyx (Lysianassidae). J. Fish. Res. Board Can. 25(5):943-1060.
- Trason, W.B. 1964. Ascidians of the Canadian Arctic waters. J. Fish. Res. Board Can. 21(6):1505-1517.

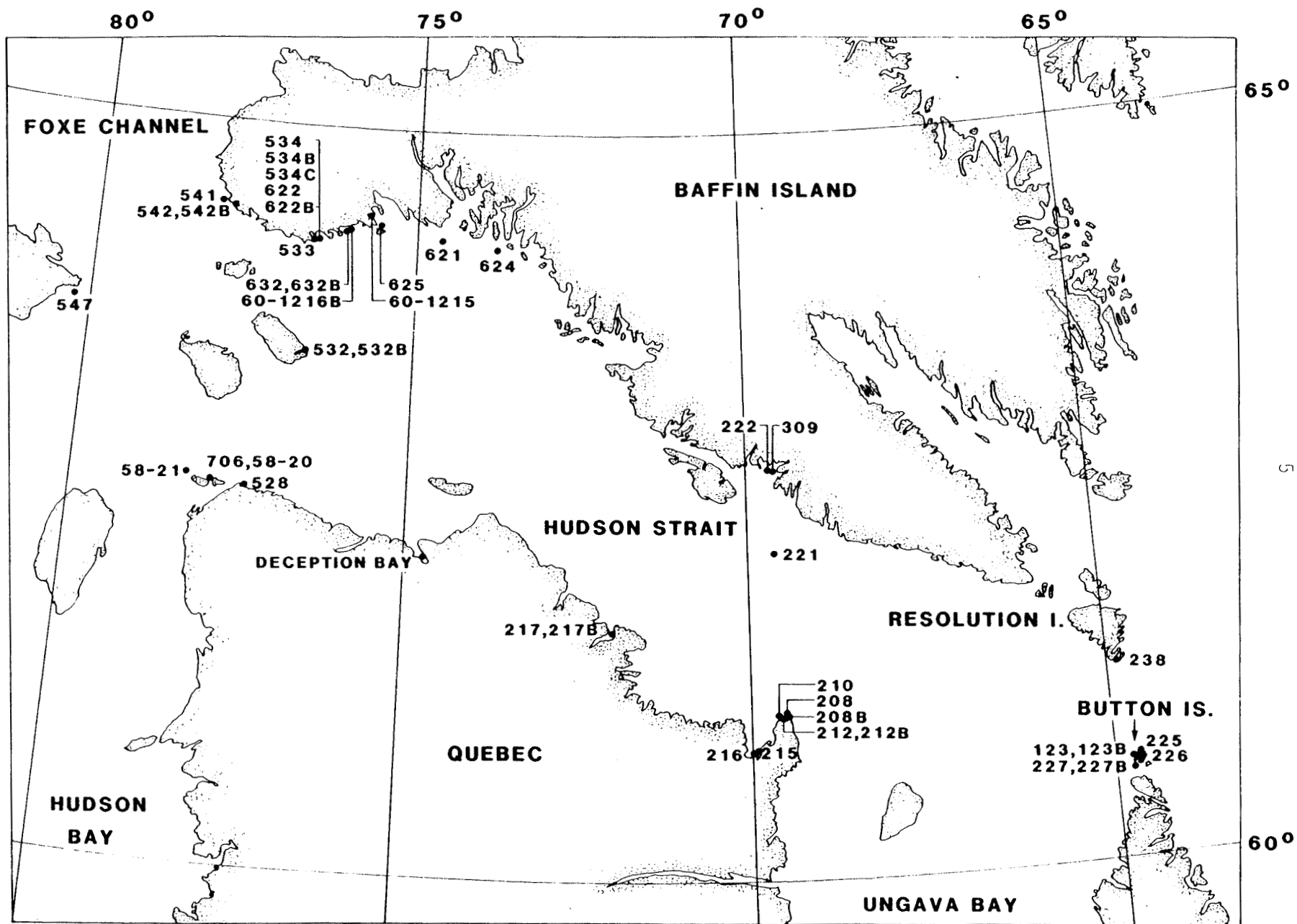


Fig. 1. Locations of benthic stations in Hudson Strait and Foxe Channel.

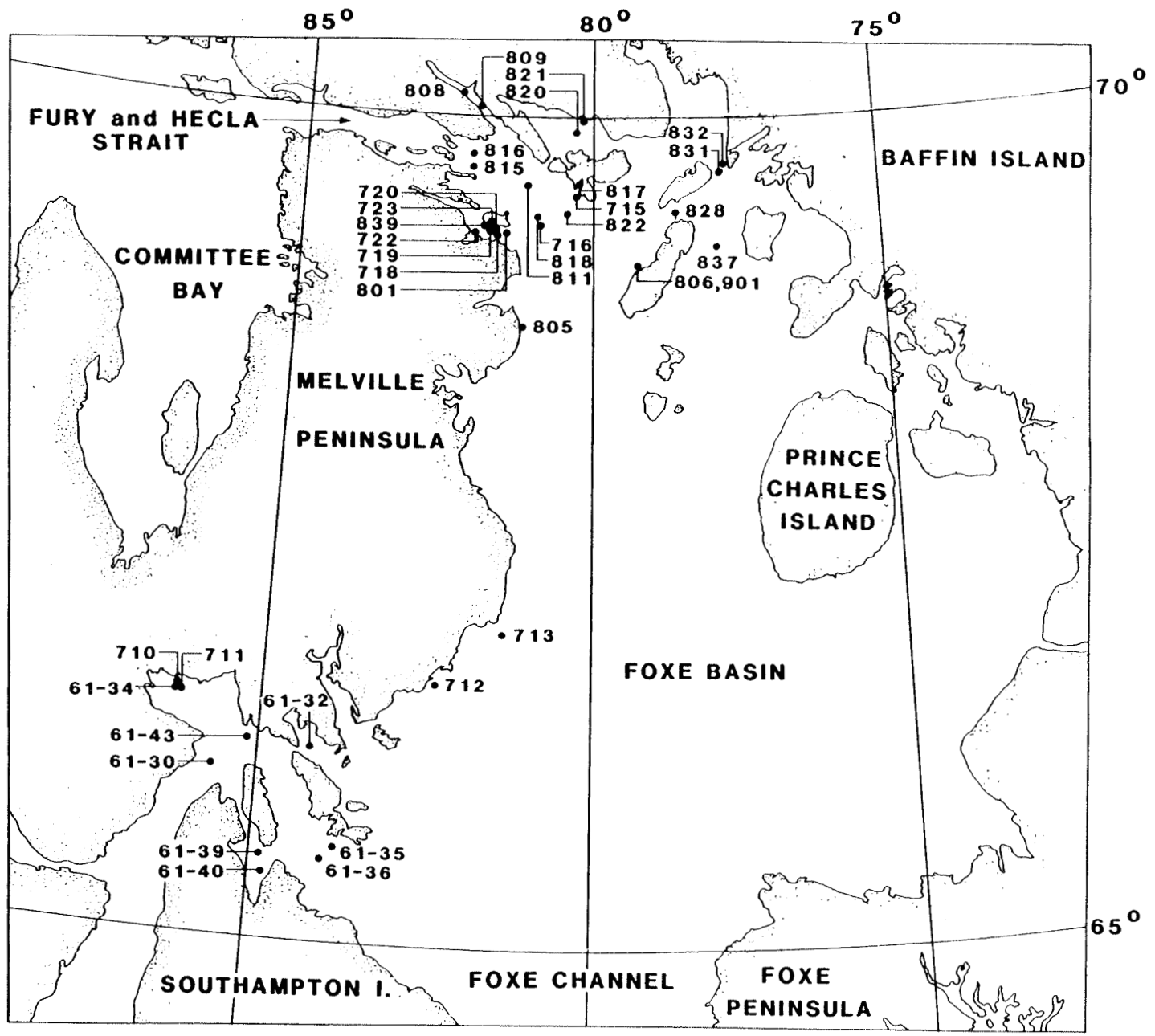


Fig. 2. Locations of benthic stations in Foxe Basin.

Table 1. Coordinates of stations that were sampled in Hudson Strait, Foxe Channel and Foxe Basin from 1949 to 1970.

Station	North Latitude	West Longitude
Eastern Hudson Strait		
123, 123B	60°39.5'	64°41.8'
225	60°40.5'	64°39.7'
226	60°39.7'	64°38.9'
227, 227B	60°35.9'	64°43.5'
238	61°20'	64°53'
Central Hudson Strait		
208	61°05.3'	69°34'
208B	61°05'	69°33'
210	61°04.5'	69°39'
212, 212B	61°02'	69°38'
215	60°49.5'	69°52'
216	60°49.5'	69°56'
217, 217B	61°41'	71°56'
221	62°12'	69°38'
222	62°45'	69°41'
309	62°45'	69°40'
Western Hudson Strait		
528	62°32'	77°24'
532, 532B	63°27'	76°43'
533	64°14'	76°35'
534, 534B, 534C	64°14'	76°33'
621	64°17'	74°38'
622, 622B	64°14'	76°33'
624	64°14'	73°44'
625	64°20'	75°34.5'
632, 632B	64°21'	76°12'
706	62°34'	77°52'
58-20	62°34'	77°52'
58-21	62°36'	78°16'
60-1215	64°25'	75°50'
60-1216B	64°22'	76°10'
Deception Bay	62°08.2'	74°40.8'
Foxe Channel		
541	64°25'	78°05'
542, 542B	64°24'	77°56'
547	63°41'	80°12'

Table 1. Continued.

Station	North Latitude	West Longitude
Foxe Basin		
710	66 <sup>0</sup> 31'	86 <sup>0</sup> 15'
711	66 <sup>0</sup> 28'	86 <sup>0</sup> 12'
712	66 <sup>0</sup> 37'	82 <sup>0</sup> 20'
713	66 <sup>0</sup> 55'	81 <sup>0</sup> 20'
715	69 <sup>0</sup> 34'	80 <sup>0</sup> 17'
716	69 <sup>0</sup> 23'	80 <sup>0</sup> 49'
718	69 <sup>0</sup> 18.5'	81 <sup>0</sup> 35.5'
719	69 <sup>0</sup> 20.5'	81 <sup>0</sup> 43.5'
720	69 <sup>0</sup> 21.5'	81 <sup>0</sup> 40.5'
722	69 <sup>0</sup> 20'	82 <sup>0</sup> 00'
723	69 <sup>0</sup> 22.7'	81 <sup>0</sup> 44.3'
801	69 <sup>0</sup> 20.5'	81 <sup>0</sup> 26'
805	68 <sup>0</sup> 46'	81 <sup>0</sup> 11'
806	69 <sup>0</sup> 06'	79 <sup>0</sup> 11'
808	70 <sup>0</sup> 08.4'	82 <sup>0</sup> 20'
809	70 <sup>0</sup> 04.8'	81 <sup>0</sup> 58'
811	69 <sup>0</sup> 37.2'	81 <sup>0</sup> 06.3'
815	69 <sup>0</sup> 43.2'	82 <sup>0</sup> 07'
816	69 <sup>0</sup> 46.5'	82 <sup>0</sup> 07.5'
817	69 <sup>0</sup> 36'	80 <sup>0</sup> 13'
818	69 <sup>0</sup> 24'	80 <sup>0</sup> 53'
820	69 <sup>0</sup> 55.7'	80 <sup>0</sup> 19'
821	70 <sup>0</sup> 00.5'	80 <sup>0</sup> 12'
822	69 <sup>0</sup> 27.2'	80 <sup>0</sup> 26.5'
828	69 <sup>0</sup> 25.7'	78 <sup>0</sup> 33'
831	69 <sup>0</sup> 42.2'	77 <sup>0</sup> 46'
832	69 <sup>0</sup> 44'	77 <sup>0</sup> 38.2'
837	69 <sup>0</sup> 16'	77 <sup>0</sup> 48'
839	69 <sup>0</sup> 22.5'	81 <sup>0</sup> 47.6'
901	69 <sup>0</sup> 06'	79 <sup>0</sup> 11'
61-30	65 <sup>0</sup> 59'	85 <sup>0</sup> 45'
61-32	66 <sup>0</sup> 11'	84 <sup>0</sup> 12'
61-34	66 <sup>0</sup> 28'	86 <sup>0</sup> 16'
61-35	65 <sup>0</sup> 36'	83 <sup>0</sup> 45'
61-36	65 <sup>0</sup> 32'	83 <sup>0</sup> 55'
61-39	65 <sup>0</sup> 32'	84 <sup>0</sup> 52'
61-40	65 <sup>0</sup> 25'	84 <sup>0</sup> 49'
61-43	66 <sup>0</sup> 13'	85 <sup>0</sup> 09'

Table 2. Associated data for stations sampled in Hudson Strait, Foxe Channel and Foxe Basin from 1949 to 1970.

Station	Date	Time		Water Depth (m)	Temp. (°C)	Sal. (°/∞)
		(EST)	(GMT)			
Eastern Hudson Strait						
123	10 Aug 49			shore		
123B	10 Aug 49			7	1.40	32.35
225	12 Aug 50			21		
226	13 Aug 50	1225	1725	99		
227	13 Aug 50			shore		
227B	13 Aug 50			20	0.95	31.82
238	1-8 Sep 50			36		
Central Hudson Strait						
208	20 Jul 50			82	-1.39	33.12
208B	21 Jul 50			shore		
210	21 Jul 50	1105	1605	109		
212	21 Jul 50			shore		
212B	21 Jul 50			18		
215	24 Jul 50			shore		
216	24 Jul 50	1710	2610	21		
217	30 Jul 50			shore		
217B	30 Jul 50			18		
221	4 Aug 50			274	-1.37	33.42
222	3 Aug 50	1650	2550	91		
309	28 Jul 51			shore		
Western Hudson Strait						
528	9 Aug 53	1645	2545	shore		
532	12 Aug 53	0600	1500	shore		
532B	12 Aug 53	0730	1630	9		
533	14 Aug 53			12		
534	15 Aug 53			12		
534B	16 Aug 53			shore		
534C	26 Aug 53	0930	1830	30		
621	22 Mar 54	1640	2540	shore		
622	16,18 Aug 54			4		
622B	17 Jul -			shore		
	29 Sep 54					
624	27,28 May 54			shore		
625	26 Jun -			shore		
	5 Jul 54					

Table 2. Continued.

Station	Date	Time		Water Depth (m)	Temp. (°C)	Sal. (°/∞)
		(EST)	(GMT)			
Western Hudson Strait						
632	7 Aug 54			shore		
632B	9 Aug 54			shore		
706	8 Aug 55			shore		
58-20	6 Sep 58			13	5.50	27.56
58-21	6 Sep 58			53	0.74	30.12
60-1215	11 Aug 60			shore		
60-1216B	12 Aug 60			shore		
Deception Bay	26 Jul 70			6-9		
Foxe Channel						
541	27 Aug 53			74		
542	27 Aug 53			38		
542B	28 Aug 53			shore		
547	3 Sep 53			73		
Foxe Basin						
710	8 Sep 55	1230	1730	shore		
711	8 Sep 55	2030	0130	110		
712	10 Sep 55	0600	1100	14		
713	12 Sep 55	1536	2036	49	0.00	31.17
715	18 Sep 55 - 26 Aug 56			0-15		
716	19 Sep 55	1520	2020	110	0.18	31.69
718	25 Sep 55	1426	1926	75	-0.56	31.60
719	29 Sep 55 - 13 Sep 56			51	-1.75- -0.44	31.22- 32.52
720	29 Sep - 16 Oct 56			18		
722	29 Sep 55	1437	1937	45	-0.39	31.44
723	26 Oct 55 - 4 Sep 56			24	-1.81- -0.39	
801	7 Jun 56	0045	0545	10		
805	5 Aug 56	1330	1830	9		
806	8 Aug 56	2355	0455	8		
808	16 Aug 56	1405	1905	174	-1.72	32.52
809	16 Aug 56			shore		
811	17 Aug 56	1600	2100	106	-0.02	32.56



Table 2. Continued.

Station	Date	Time		Water Depth (m)	Temp. (°C)	Sal. (°/∞)
		(EST)	(GMT)			
Foxe Basin						
815	18 Aug 56	1030	1530	80	-0.17	31.98
816	18 Aug 56			80	-0.36	32.12
817	24 Aug 56	1300	1800	20	3.78	
818	26 Aug 56	1305	1805	93	0.23	32.38
820	28 Aug 56	1350	1850	73	-1.38	32.50
821	29 Aug 56	1300	1800	30		
822	30 Aug 56	1715	2215	29		
828	7 Sep 56	1550	2050	27	-0.68	31.06
831	8 Sep 56			71	-1.33	32.94
832	8 Sep 56	1435	1935	90	-1.37	33.30
837	9 Sep 56	1600	2100	55	0.60	31.38
839	2 Oct 56	1030	1530	6		
901	8 Jun -			3-34	-1.70	31.04
	8 Sep 57				-0.85	33.71
61-30	11 Aug 61	0315	0815	57	0.73	32.72
61-32	14 Aug 61	1830	2330	145	-0.92	
61-34	23 Aug 61	0515	1015	125	-0.12	32.79
61-35	24 Aug 61			155	-1.26	33.15
61-36	24 Aug 61	1230	1730	285	-1.70	33.48
61-39	25 Aug 61	1645	2145	42	0.06	32.45
61-40	26 Aug 61	1500	2000	40	0.63	32.52
61-43	28 Aug 61			92	-0.32	32.48

Table 3. Species of benthic invertebrates collected from stations located in Hudson Strait, Foxe Channel and Foxe Basin from 1949 to 1970.

	Hudson Strait			Foxe Channel	Foxe Basin
	East	Central	West		
ANNELIDA:Hirudinea (1 sp.) Leeche					x
ANNELIDA:Oligochaeta (1 sp.) Oligochaete			x	x	
ANNELIDA:Polychaeta (70 sp.)					
<u>Ammotrypane aulogaster</u>		x			x
<u>Ammotrypane breviata</u>			x		
<u>Ampharete acutifrons</u>			x		
<u>Ampharete goesi</u>			x		
<u>Amphitrite cirrata</u>	x				
<u>Antinoella sarsi</u>					x
<u>Arenicola marina</u>			x		
<u>Aricidea suecica</u>			x		
<u>Asabellides sibirica</u>			x		
<u>Autolytus prolifer</u>	x				
<u>Axiiothella catenata</u>		x			
<u>Capitella capitata</u>			x		
<u>Chaetozone setosa</u>			x		x
<u>Chaetozone sp.</u>					x
<u>Chitinopoma fabricii</u>				x	x
<u>Chone infundibuliformis</u>		x			
<u>Chone sp.</u>			x	x	x
<u>Ephesiella minuta</u>			x		
<u>Eteone longa</u>		x	x		x
<u>Euchone analis</u>					x
<u>Euchone papillosa</u>			x		x
<u>Eusyllis blomstrandii</u>	x		x		x
<u>Exogone verugera</u>			x		
<u>Fabricia sabella</u>			x		
<u>Flabelligera affinis</u>					x
<u>Gattyana cirrosa</u>					x
<u>Harmothoe extenuata</u>	x	x	x		x
<u>Harmothoe imbricata</u>	x	x	x		x
<u>Harmothoe nodosa</u>	x	x			x
<u>Lanassa venusta</u>			x		x
<u>Leaena abbranchiata</u>					x
<u>Lumbrineris fragilis</u>		x	x		
<u>Lysippe labiata</u>			x		
<u>Micronephthys minuta</u>			x		x

Table 3. Continued.

	Hudson Strait			Foxe Channel	Foxe Basin
	East	Central	West		
ANNELIDA: Polychaeta					
<u>Mystides borealis</u>					X
<u>Nephtys ciliata</u>		X			X
<u>Nereimyra aphroditoides</u>			X		X
<u>Nereis pelagica</u>	X	X			X
<u>Nereis sp.</u>			X		
<u>Nicolea zostericola</u>			X		
<u>Nicomache lumbricalis</u>		X			
<u>Onuphis conchylega</u>	X				X
<u>Ophelia limacina</u>		X			
<u>Paraonis sp.</u>			X		
<u>Pectinaria granulata</u>			X		
<u>Pectinaria hyperborea</u>				X	X
<u>Pholoe minuta</u>		X	X	X	X
<u>Phyllodoce mucosa</u>			X		
<u>Pionosyllis compacta</u>					X
<u>Pista maculata</u>					X
<u>Polycirrus medusa</u>			X		X
<u>Polydora caulleryi</u>			X		
<u>Polydora sp.</u>					X
<u>Praxillella praetermissa</u>			X		
<u>Prionospio cirrifera</u>			X		
<u>Proclea graffi</u>					X
<u>Pygospio elegans</u>					X
<u>Sabella crassicornis</u>	X				
<u>Sabellides octocirrata</u>			X		X
<u>Scalibregma inflatum</u>		X	X		
<u>Scoloplos armiger</u>		X	X		
<u>Spirorbis spirillum</u>		X			X
<u>Spirorbis sp.</u>					X
<u>Stauronereis caecus</u>	X				
<u>Syllis cornuta</u>				X	
<u>Syllis fasciata</u>					X
<u>Tharyx acutus</u>			X		X
<u>Thelepus cincinnatus</u>	X	X	X		X
<u>Travisia forbesi</u>			X		
<u>Polychaete</u>			X	X	X
ARTHROPODA: Acarina (1 sp.)					
Mite			X	X	X

Table 3. Continued.

	Hudson Strait			Foxe Channel	Foxe Basin
	East	Central	West		
ARTHROPODA: Amphipoda (130 sp.)					
<u>Acanthonotozoma cristatum</u>					X
<u>Acanthonotozoma inflatum</u>					X
<u>Acanthonotozoma serratum</u>				X	X
<u>Acanthostepheia malmgreni</u>					X
<u>Aceroides latipes</u>					X
<u>Aeginina longicornis</u>				X	X
<u>Ampelisca eschrichti</u>		X			X
<u>Amphithopsis longicaudata</u>	X				
<u>Anonyx affinis</u>					X
<u>Anonyx laticoxae</u>					X
* <u>Anonyx lilljeborgi</u>		X	X		X
* <u>Anonyx nugax</u>	X	X	X	X	X
* <u>Apherusa glacialis</u>			X		X
<u>Apherusa megalops</u>	X				X
<u>Arctopleustes glabricauda</u>		X			
<u>Argissa hamatipes</u>					X
<u>Aristias tumidus</u>	X				X
<u>Arrhinopsis longicornis</u>					X
<u>Atylus carinatus</u>					X
<u>Atylus smitti</u>					X
<u>Bathymedon obtusifrons</u>					X
<u>Boeckosimus affinis</u>			X		
<u>Boeckosimus edwardsi</u>	X	X			X
<u>Boeckosimus plautus</u>		X			X
<u>Byblis gaimardi</u>					X
<u>Calliopius laeviusculus</u>			X		
<u>Caprella linearis</u>					X
<u>Caprella septentrionalis</u>			X	X	X
<u>Centromedon pumilus</u>					X
<u>Dulichia spinosissima</u>					X
<u>Dyopedos hirticornis</u>					X
<u>Dyopedos porrectus</u>	X				
<u>Ericthonius tolli</u>				X	X
<u>Eurysteus malanops</u>	X		X		X
<u>Eusirus cuspidatus</u>			X		X
<u>Gammaracanthus loricatus</u>					X
<u>Gammarellus homari</u>	X				
<u>Gammaropsis maculata</u>					X
<u>Gammarus oceanicus</u>		X	X		X
<u>Gammarus setosus</u>	X	X	X	X	X
<u>Gammarus wilkitzkii</u>					X
* <u>Anonyx makarovi</u>					X
* <u>Anonyx sarsi</u>					X

Table 3. Continued.

	Hudson Strait			Foxe Channel	Foxe Basin
	East	Central	West		
ARTHROPODA: Amphipoda					
<u>Halirages fulvocinctus</u>			x	x	x
<u>Halirages nilssoni</u>			x		x
<u>Haploops setosa</u>					x
<u>Haploops tubicola</u>					x
<u>Ischyrocerus anguipes</u>	x	x		x	x
<u>Ischyrocerus commensalis</u>	x				
<u>Ischyrocerus latipes</u>	x	x			x
<u>Ischyrocerus megacheir</u>				x	
<u>Ischyrocerus megalops</u>	x	x			x
<u>Ischyrocerus stephenseni</u>					x
<u>Ischyrocerus sp.</u>					x
<u>Maera loveni</u>					x
<u>Melita formosa</u>					x
<u>Melita quadrispinosa</u>					x
<u>Melita sp.</u>					x
<u>Melphidippa goesi</u>					x
<u>Mesometopa neglecta</u>	x	x		x	x
<u>Metacaprella horrida</u>					x
<u>Metopa alderi</u>	x				
<u>Metopa borealis</u>			x		
<u>Metopa bruzelii</u>	x	x		x	x
<u>Metopa glacialis</u>	x				x
<u>Metopa hearni</u>	x	x			
<u>Metopa invalida</u>	x				
<u>Metopa longicornis</u>	x				
<u>Metopa norvegica</u>				x	
<u>Metopa propinqua</u>	x			x	
<u>Metopa robusta</u>				x	
<u>Metopa sinuata</u>	x	x		x	
<u>Metopella carinata</u>	x				x
<u>Metopella longimana</u>	x	x		x	x
<u>Metopelloides micropalma</u>			x		
<u>Monoculodes boeckii</u>					x
<u>Monoculodes borealis</u>					x
<u>Monoculodes intermedius</u>					x
<u>Monoculodes latimanus</u>					x
<u>Monoculodes schneideri</u>					x
<u>Monoculodes simplex</u>					x
<u>Monoculodes tuberculatus</u>					x

Table 3. Continued.

	Hudson Strait			Foxe Channel	Foxe Basin
	East	Central	West		
ARTHROPODA: Amphipoda					
<u>Monoculodes vibei</u>					x
<u>Monoculodes zernovi</u>					x
<u>Monoculopsis longicornis</u>					x
<u>Neopleustes boeckii</u>	x	x			
<u>Neopleustes pulchellus</u>	x				
<u>Odius carinatus</u>	x				
<u>Oedicerus saginatus</u>					x
<u>Onisimus glacialis</u>		x			x
<u>Onisimus litoralis</u>		x	x	x	x
<u>Onisimus nansenii</u>				x	x
<u>Opisa eschrichtii</u>		x			
<u>Orchomene groenlandica</u>	x				
<u>Orchomene macroserrata</u>	x		x		x
<u>Orchomene minuta</u>	x	x	x		x
<u>Orchomene pinguis</u>	x	x	x		x
<u>Paramphithoe hystrix</u>		x		x	x
<u>Parapleustes assimilis</u>	x			x	x
<u>Parapleustes bicuspis</u>	x			x	x
<u>Parapleustes gracilis</u>					x
<u>Parapleustes ramyslovi</u>					x
<u>Pardalisca cuspidata</u>					x
<u>Paroedicerus lynceus</u>	x		x		x
<u>Paronesimus barentsi</u>					x
<u>Photis sp.</u>					x
<u>Pleustes medius</u>					x
<u>Pleustes panoplus</u>	x	x			x
<u>Pleusymtes buttoni</u>	x				
<u>Pleusymtes glabroides</u>	x				
<u>Pontogeneia inermis</u>	x		x		x
<u>Pontoporeia femorata</u>					x
<u>Protomedeia grandimana</u>					x
<u>Rhachotropis aculeata</u>					x
<u>Rhachotropis oculata</u>					x
<u>Rozinante fragilis</u>					x
<u>Sivladia arctica</u>					x
<u>Socarnes bidenticulatus</u>			x	x	x
<u>Socarnes vahli</u>	x				x
<u>Stegocephalus inflatus</u>					x
<u>Stenopleustes olriki</u>					x
<u>Stenothoe brevicornis</u>	x				
<u>Stenula nordmanni</u>	x	x			

Table 3. Continued.

	Hudson Strait			Foxe Channel	Foxe Basin
	East	Central	West		
ARTHROPODA:Amphipoda					
<u>Stenula</u> sp.	x				
<u>Syrrhoe</u> <u>crenulata</u>					x
<u>Tryphosa</u> <u>marina</u>				x	x
<u>Unciola</u> <u>leucopis</u>					x
<u>Westwoodilla</u> <u>brevicalcar</u>	x				x
<u>Westwoodilla</u> <u>megalops</u>					x
<u>Weyprechtia</u> <u>punguis</u>	x		x		x
ARTHROPODA:Cirripedia (5 sp.)					
<u>Balanus</u> <u>balanoides</u>	x	x	x	x	x
<u>Balanus</u> <u>balanus</u>			x	x	x
<u>Balanus</u> <u>crenatus</u>			x		x
<u>Scalpellum</u> <u>cornutum</u>				x	x
<u>Scalpellum</u> <u>hamatum</u>					x
ARTHROPODA:Cumacea (11 sp.)					
<u>Brachydiastylis</u> <u>resima</u>					x
<u>Campylaspis</u> <u>rubicunda</u>				x	
<u>Cumella</u> sp.			x		x
<u>Diastylis</u> <u>goodsiri</u>					x
<u>Diastylis</u> <u>rathkei</u>					x
<u>Diastylis</u> <u>scorpioides</u>					x
<u>Diastylis</u> <u>spinulosa</u>					x
<u>Lamprops</u> <u>fuscata</u>					x
<u>Leptostylis</u> <u>ampullacea</u>					x
<u>Leucon</u> sp.					x
<u>Platyaspis</u> <u>typica</u>			x		
ARTHROPODA:Decapoda (16 sp.)					
<u>Argis</u> <u>dentata</u>		x		x	x
<u>Eualus</u> <u>fabricii</u>	x	x	x		x
<u>Eualus</u> <u>gaimardi</u>	x		x		x
<u>Eualus</u> <u>gaimardi</u> <u>belcheri</u>	x				x
<u>Hyas</u> <u>coarctatus</u>	x	x	x		
<u>Lebbeus</u> <u>groenlandicus</u>	x	x	x	x	x
<u>Lebbeus</u> <u>microceros</u>					x
<u>Lebbeus</u> <u>polaris</u>	x	x	x	x	x
<u>Pagarus</u> <u>pubescens</u>	x				x
<u>Pandalus</u> <u>montagui</u>		x			
<u>Pasiphaea</u> <u>tarda</u>	x				

Table 3. Continued.

	Hudson Strait			Foxe Channel	Foxe Basin
	East	Central	West		
ARTHROPODA:Decapoda					
<u>Sabinea septemcarinata</u>		x		x	x
<u>Sclerocrangon boreas</u>		x	x		x
<u>Sergestes arcticus</u>	x				
<u>Spirontocaris phippsi</u>		x	x	x	x
<u>Spirontocaris spinus</u>	x	x	x	x	x
ARTHROPODA:Isopoda (10 sp.)					
<u>Aega psora</u>	x				
<u>Arcturus baffini</u>		x			x
<u>Calathura brachiata</u>					x
<u>Bopyroides hippolytes</u>		x			
<u>Janira tricornis</u>	x	x		x	x
<u>Mesidotea sabini</u>			x	x	x
<u>Munnopsis typica</u>					x
<u>Munnopsurus giganteus</u>					x
<u>Phryxus abdominalis</u>					x
<u>Synidotea marmorata</u>					x
ARTHROPODA:Mysidacea (1 sp.)					
<u>Mysis oculata</u>					x
ARTHROPODA:Nebaliacea (1 sp.)					
<u>Nebalia bipes</u>			x		x
ARTHROPODA:Ostracoda (1 sp.)					
<u>Philomedes globosus</u>			x		x
ARTHROPODA:Pycnogonida (14 sp.)					
<u>Boreonymphon abyssorum</u>					x
<u>Boreonymphon robustum</u>					x
<u>Colossendeis proboscidea</u>					x
<u>Nymphon brevitarse</u>	x				x
<u>Nymphon elegans</u>					x
<u>Nymphon grossipes</u>					x
<u>Nymphon hirtipes</u>					x
<u>Nymphon hirtum</u>					x
<u>Nymphon longitarse</u>					x
<u>Nymphon megalops</u>					x
<u>Nymphon microrhynchum</u>					x
<u>Nymphon serratum</u>					x
<u>Nymphon stromi</u>					x
<u>Pseudopallene circularis</u>					x



Table 3. Continued.

	Hudson Strait			Foxe Channel	Foxe Basin
	East	Central	West		
ASCHELMINTHES:Nematoda (1 sp.)					
Nematode			x	x	x
BRACHIOPODA (2 sp.)					
<u>Atretia gnomon</u>			x		x
<u>Hemithyris psittacea</u>	x	x	x	x	x
CHORDATA:Ascidacea (26 sp.)					
<u>Aplidium glabrum</u>				x	x
<u>Ascidia callosa</u>	x	x			x
<u>Ascidia prunum</u>					x
<u>Ascidia sp.</u>		x			x
<u>Boltenia echinata</u>	x	x			x
<u>Boltenia ovifera</u>	x	x	x	x	x
<u>Botrylloides aureum</u>					x
<u>Chelyosoma macleayanum</u>				x	
<u>Ciona intestinalis</u>					x
<u>Cnemidocarpa finmarkiensis</u>					x
<u>Dendrodoa aggregata</u>				x	x
<u>Dendrodoa sp.</u>					x
<u>Didemnum albidum</u>				x	x
<u>Dystaplia clavata</u>	x			x	
<u>Halocynthia pyriformis</u>		x		x	x
<u>Lissoclinum aureum</u>					x
<u>Molgula griffithsi</u>				x	x
<u>Molgula retortiformis</u>	x		x		
<u>Molgula siphonalis</u>					x
<u>Molgula sp.</u>					x
<u>Pelonaia corrugata</u>					x
<u>Polycitor vitreus</u>					x
<u>Rhizomolgula globularis</u>					x
<u>Styela coriacea</u>				x	x
<u>Styela rustica</u>			x		x
<u>Synoicum pulmonaria</u>	x				x
COELENTERATA:Anthozoa (8 sp.)					
<u>Actinostola spetsbergensis</u>		x		x	x
<u>Drifa glomerata</u>					x
<u>Gersemia rubiformis</u>		x	x	x	
<u>Halcampa arctica</u>			x		x
<u>Hormathia nodosa</u>	x			x	x
<u>Metridium senile</u>					x
<u>Stomphia coccinea</u>			x	x	x
<u>Tealia felina</u>	x	x	x	x	x

Table 3. Continued.

	Hudson Strait			Foxe Channel	Foxe Basin
	East	Central	West		
COELENTERATA:Hydrozoa (36 sp.)					
<u>Calycella syringa</u>	x	x		x	x
<u>Campanularia groenlandica</u>				x	
<u>Campanularia integra</u>	x	x		x	x
<u>Campanularia speciosa</u>	x	x		x	
<u>Campanularia verticillata</u>				x	x
<u>Campanularia volubilis</u>	x			x	x
<u>Coryne pusilla</u>	x				x
<u>Cuspidella humilis</u>					x
<u>Cuspidella procumbens</u>					x
<u>Eudendrium capillare</u>	x				
<u>Eudendrium rameum</u>					x
<u>Eudendrium tenellum</u>	x				
<u>Euphysa sp.</u>	x				
<u>Filellum serpens</u>	x				x
<u>Gonothyrea loveni</u>	x				x
<u>Grammaria abietina</u>		x		x	x
<u>Grammaria immersa</u>					x
<u>Halecium curvicaule</u>	x				x
<u>Halecium minutum</u>	x				x
<u>Halecium muricatum</u>	x			x	x
<u>Halecium speciosum</u>					x
<u>Hydractinia carica</u>					x
<u>Lafoea gracillima</u>	x	x		x	x
<u>Monocoryne gigantea</u>	x				
<u>Myriothela phrygia</u>	x				
<u>Opercularella lacerata</u>					x
<u>Posterula sarsi</u>					x
<u>Sarsia tubulosa</u>		x			
<u>Sertularella polyzonias</u>	x	x			x
<u>Sertularella tricuspida</u>	x	x		x	
<u>Sertularia robusta</u>					x
<u>Sertularia schmidtii</u>	x	x		x	x
<u>Sertularia similis</u>				x	x
<u>Sertularia tenera</u>					x
<u>Tetrapoma quadridentatum</u>	x			x	
<u>Thuiaria thuja</u>				x	x

Table 3. Continued.

	Hudson Strait			Foxe Channel	Foxe Basin
	East	Central	West		
ECHINODERMATA:Asteroidea (13 sp.)					
<u>Ctenodiscus crispatus</u>					x
<u>Henricia eschrichti</u>	x	x	x	x	x
<u>Henricia scabrion</u>					x
<u>Leptasterias groenlandica</u>	x		x	x	x
<u>Leptasterias polaris</u>		x			x
<u>Lophaster furcifer</u>					x
<u>Pteraster militaris</u>					x
<u>Pteraster obscurus</u>					x
<u>Pteraster pulvillus</u>					x
<u>Solaster endeca</u>				x	x
<u>Solaster papposus</u>	x	x		x	x
<u>Solaster syrtensis</u>					x
<u>Stephanasterias albula</u>	x			x	x
ECHINODERMATA:Crinoidea (1 sp.)					
<u>Heliopecten glacialis</u>		x			x
ECHINODERMATA:Echinoidea (1 sp.)					
<u>Strongylocentrotus droebachiensis</u>	x	x	x	x	x
ECHINODERMATA:Holothuroidea (7 sp.)					
<u>Cucumaria calcigera</u>					x
<u>Cucumaria frondosa</u>	x			x	x
<u>Myriotrochus rinki</u>					x
<u>Psolus fabricii</u>	x	x	x		x
<u>Psolus phantapus</u>					x
<u>Thyonidium sp.</u>				x	x
Holothuroid					x
ECHINODERMATA:Ophiuroidea (9 sp.)					
<u>Amphiura sundevalli</u>					x
<u>Gorgonocephalus arcticus</u>	x	x	x	x	x
<u>Ophiacantha bidentata</u>	x	x		x	x
<u>Ophiocten sericeum</u>		x		x	x
<u>Ophiopholis aculeata</u>	x	x	x	x	x
<u>Ophiopus arcticus</u>		x		x	x
<u>Ophiura robusta</u>	x	x	x	x	x
<u>Ophiura sarsi</u>		x			x
<u>Stegophiura nodosa</u>			x	x	x

Table 3. Continued.

	Hudson Strait			Foxe Channel	Foxe Basin
	East	Central	West		
ECTOPROCTA (60 sp.)					
<u>Alcyonidium gelatinosum</u>	x				
<u>Bidenkapia spitzbergensis</u>	x	x			x
<u>Caberea ellisi</u>		x			
<u>Callopora lineata</u>					x
<u>Callopora craticula</u>	x				
<u>Cauloramphus cymbaeformis</u>	x				
<u>Celleporina surcularis</u>	x	x		x	x
<u>Celleporina ventricosa</u>	x			x	
<u>Cheilopora sincera</u>		x			x
<u>Cribrilina annulata</u>					x
<u>Cystisella elegantula</u>	x				
<u>Cystisella saccata</u>	x	x			x
<u>Dendrobeania murrayana</u>					x
<u>Diplosolen obelia</u>					x
<u>Escharella abyssicola</u>		x	x		
<u>Escharella connectens</u>		x		x	
<u>Escharella immersa</u>		x			
<u>Escharella ventricosa</u>					x
<u>Escharoides jacksoni</u>					x
<u>Eucratea loricata</u>	x		x		x
<u>Harmeria scutulata</u>		x			
<u>Hincksina nigrans</u>					x
<u>Hincksipora spinulifera</u>		x			
<u>Hippoporella hippopus</u>					x
<u>Hippoporina propinqua</u>	x				x
<u>Hippoporina reticulatopunctata</u>				x	
<u>Hippothoa hyalina</u>				x	x
<u>Idmonea atlantica</u>		x			x
<u>Lepraliella contigua</u>		x			
<u>Membranipora serrulata</u>		x			x
<u>Membraniporella crassicosta</u>	x				
<u>Microporina articulata</u>	x	x			x
<u>Myriapora subgracila</u>		x			x
<u>Myriozoella plana</u>		x			
<u>Parasmittina jeffreysi</u>	x		x		x
<u>Phidolopora elongata</u>		x			x
<u>Porella acutirostris</u>					x
<u>Porella compressa</u>		x			x
<u>Porella smitti</u>	x				
<u>Posterula sarsi</u>					x

Table 3. Continued.

	Hudson Strait			Foxe Channel	Foxe Basin
	East	Central	West		
ECTOPROCTA					
<u>Pseudoflustra solida</u>					x
<u>Rhamphostomella bilaminata</u>	x				
<u>Rhamphostomella costata</u>	x				x
<u>Rhamphostomella hincksi</u>					x
<u>Schismopora nodulosa</u>				x	x
<u>Schizomavella auriculata</u>			x		
<u>Schizoporella stylifera</u>					x
<u>Scrupocellaria scabra</u>	x				x
<u>Securiflustra securifrons</u>				x	x
<u>Smittina groenlandica</u>		x			
<u>Smittina rigida</u>		x	x		
<u>Stomachetosella limbata</u>		x			
<u>Stomachetosella sinuosa</u>		x			
<u>Tegella arctica</u>					x
<u>Tegella armifera</u>	x				
<u>Terminoflustra membranaceotruncata</u>				x	x
<u>Tricellaria gracilis</u>		x			
<u>Tricellaria peachi</u>					x
<u>Tricellaria ternata</u>	x			x	x
<u>Umbonula arctica</u>	x			x	x
MOLLUSCA:Amphineura (2 sp.)					
<u>Ischnochiton albus</u>		x	x	x	x
<u>Tonicella marmorea</u>			x		x
MOLLUSCA:Cephalopoda (2 sp.)					
<u>Rossia mollerii</u>					x
<u>Rossia palpebrosa</u>		x			
MOLLUSCA:Gastropoda (61 sp.)					
<u>Acmaea rubella</u>					x
<u>Acmaea testudinalis</u>		x	x		
<u>Admete couthouyi</u>					x
<u>Beringius ossiani</u>					x
<u>Boreotrophon clathratus</u>					x
<u>Boreotrophon fabricii</u>	x	x	x	x	x
<u>Boreotrophon truncatus</u>	x		x	x	x
<u>Buccinum cyaneum</u>	x		x		x
<u>Buccinum finmarkianum</u>			x		
<u>Buccinum glaciale</u>			x	x	x
<u>Buccinum hydrophanum</u>				x	x

Table 3. Continued.

	Hudson Strait			Foxe Channel	Foxe Basin
	East	Central	West		
MOLLUSCA:Gastropoda					
<u>Buccinum micropoma</u>					x
<u>Buccinum scalariforme</u>					x
<u>Buccinum sericatum</u>					x
<u>Buccinum totteni</u>					x
<u>Buccinum undatum</u>			x		x
<u>Buccinum u. belcheri</u>					x
<u>Capulacmaea radiata</u>	x				x
<u>Cingula arenaria</u>			x		
<u>Colus islandicus</u>					x
<u>Colus pubescens</u>					x
<u>Colus spitzbergensis</u>					x
<u>Colus tortuosus</u>					x
<u>Coryphella salmonacea</u>	x				
<u>Cylichna alba</u>		x	x		x
<u>Cylichna occulta</u>					x
<u>Dendronotus frondosus</u>					x
<u>Diaphana minuta</u>					x
<u>Lacuna glacialis</u>					x
<u>Lepeta caeca</u>					x
<u>Littorina saxatilis</u>		x	x		x
<u>Lunatia pallida</u>	x		x		x
<u>Margarites costalis</u>		x	x		x
<u>Margarites groenlandicus</u>		x			
<u>Margarites helycinus</u>	x	x	x	x	x
<u>Margarites olivaceus</u>			x		x
<u>Margarites umbilicalis</u>	x		x	x	x
<u>Margarites vahli</u>					x
<u>Marsenina glabra</u>				x	
<u>Natica clausa</u>					x
<u>Neptunea despecta</u>					x
<u>Oenopota arctica</u>					x
<u>Oenopota bicarinata</u>		x	x		x
<u>Oenopota sp. (cf. cinerea)</u>		x			
<u>Oenopota declivis</u>					x
<u>Oenopota incisula</u>					x
<u>Oenopota pyramidalis</u>			x		x
<u>Oenopota turricula</u>		x			x
<u>Onchidiopsis glacialis</u>			x		x
<u>Onchidiopsis kingmaruensis</u>					x
<u>Philine lima</u>					x
<u>Puncturella noachina</u>					x

Table 3. Continued.

	Hudson Strait			Foxe Channel	Foxe Basin
	East	Central	West		
MOLLUSCA:Gastropoda					
<u>Retusa obtusa</u>			X		
<u>Tachyrhynchus reticulatus</u>	X		X		X
<u>Trichotropis bicarinata</u>					X
<u>Trichotropis borealis</u>					X
<u>Trichotropis conica</u>					X
<u>Velutina plicatilis</u>					X
<u>Velutina undata</u>					X
<u>Velutina velutina</u>	X			X	X
<u>Volutopsius norvegicus</u>					X
MOLLUSCA:Pelecypoda (32 sp.)					
<u>Astarte borealis</u>	X	X	X	X	X
<u>Astarte montagui</u>		X	X	X	X
<u>Axinopsida orbiculata</u>			X		X
<u>Chlamys islandica</u>		X	X		
<u>Clinocardium ciliatum</u>			X		X
<u>Crenella faba</u>	X	X	X	X	X
<u>Cyclocardia borealis</u>			X		
<u>Cyrtodaria kurriana</u>			X		
<u>Hiatella arctica</u>		X	X	X	X
<u>Lyonsia arenosa</u>					X
<u>Macoma calcarea</u>		X	X	X	X
<u>Macoma toveni</u>					X
<u>Macoma moesta</u>					X
<u>Macoma torelli</u>		X			X
<u>Musculus corrugatus</u>					X
<u>Musculus discors</u>	X		X	X	X
<u>Musculus niger</u>				X	X
<u>Mya arenaria</u>	X				
<u>Mya pseudoarenaria</u>			X		
<u>Mya truncata</u>		X	X		X
<u>Mytilus edulis</u>		X	X		
<u>Nucula belloti</u>			X		X
<u>Nuculana minuta</u>			X	X	X
<u>Nuculana pernula (buccata)</u>			X		
<u>Nuculana pernula</u>				X	X
<u>Pandora glacialis</u>					X
<u>Pecten groenlandicus</u>					X
<u>Portlandia arctica</u>					X
<u>Portlandia lenticula</u>					X
<u>Serripes groenlandicus</u>				X	X
<u>Thyasira gouldi</u>		X	X	X	X
<u>Yoldia h. hyperborea</u>					X

Table 3. Continued.

	Hudson Strait			Foxe Channel	Foxe Basin
	East	Central	West		
NEMERTINA (1 sp.)					
Nemertean			x		x
PORIFERA (11 sp.)					
<u>Grayella pyrula</u>		x			
<u>Halichondria disparilis</u>	x				
<u>Halichondria sitiens</u>		x			
<u>Haliclona ventilabrum</u>		x			
<u>Isodictya palmata</u>					x
<u>Mycale lingua</u>		x			
<u>Myxilla incrustans</u>		x			
<u>Myxilla sp.</u>		x			
<u>Stelodoryx pluridentata</u>		x			
Calcareous sponge					x
Sponge				x	x
PRIAPULIDA (2 sp.)					
<u>Halicryptus spinulosus</u>			x		
<u>Priapulus caudatus</u>		x	x		x
SIPUNCULA (4 sp.)					
<u>Golfingia eremita</u>		x			
<u>Golfingia margaritacea</u>		x			x
<u>Phascolion strombi</u>				x	
Sipunculan					x
T O T A L (541 sp.)	144	142	145	120	407



Table 4. Benthic invertebrates collected by hand from station 123, 10 Aug 1949.

---

Species

---

ANNELIDA: Polychaeta  
Nereis pelagica

ARTHROPODA: Cirripedia  
Balanus balanoides

Table 5. Benthic invertebrates collected by net from station 123B, 10 Aug 1949.

---

Species

---

ARTHROPODA: Amphipoda  
Apherusa megalops (as Halirages)  
Boeckosimus edwardsi (as Onisimus)  
Ischyrocerus anguipes  
Metopella carinata  
Orchomene minuta (as Orchomenella)  
Orchomene pinguis (as Orchomenella)  
Parapleustes bicuspis  
Paroedicerus lynceus  
Pontogeneia inermis  
Westwoodilla brevicar  
Weyprechtia pinguis

ARTHROPODA: Decapoda  
Eualus fabricii  
Lebbeus polaris

MOLLUSCA: Pelecypoda  
Astarte borealis

Table 6. Benthic invertebrates collected by dredge from station 225, 12 Aug 1950.

---

Species

---

## ANNELEIDA: Polychaeta

Harmothoe extenuata (as Lagisca rarispina)Nereis pelagicaSabella crassicornis (as S. fabricii)

## ARTHROPODA: Amphipoda

Anonyx nugaxApherusa megalops (as Halirages)Socarnes vahli

## CHORDATA: Ascidiacea

Ascidia callosaBoltenia oviferaSynoicum pulmonaria

## COELENTERATA: Hydrozoa

Calycella syringaCampanularia integraCampanularia speciosaCampanularia volubilisEudendrium tenellumLafoea gracillimaSertularella tricuspидata

## ECHINODERMATA: Asteroidea

Stephanasterias albula

## ECHINODERMATA: Ophiuroidea

Ophiura robusta

## ECTOPROCTA

Eucratea loricataHippoporina propinquaMicroporina articulataPorella smittiScrupocellaria scabraTricellaria ternata

## MOLLUSCA: Gastropoda

Lunatia pallidaMargarites helycinusVelutina velutina

## MOLLUSCA: Pelecypoda

Crenella fabaMusculus discors (f. laevigatus)

Table 7. Benthic invertebrates collected by dredge from station 226, 13 Aug 1950.

Species	Species
ANNELIDA: Polychaeta	ARTHROPODA: Decapoda
<u>Amphitrite cirrata</u>	<u>Eualus fabricii</u>
<u>Autolytus prolifer</u>	<u>Hyas coarctatus</u>
<u>Eusyllis blomstrandii</u>	<u>Lebbeus groenlandicus</u>
<u>Harmothoe extenuata</u> (as <u>Lagisca rarispina</u> )	<u>Lebbeus polaris</u>
<u>Harmothoe imbricata</u>	<u>Pagurus pubescens</u> (as <u>Eupagurus kroyeri</u> )
<u>Harmothoe nodosa</u> (as <u>Eunoe</u> )	<u>Spirontocaris spinus</u>
<u>Nereis pelagica</u>	ARTHROPODA: Isopoda
<u>Onuphis conchylega</u>	<u>Janira tricornis</u>
<u>Stauronereis caecus</u>	ARTHROPODA: Pycnogonida
<u>Thelepus cincinnatus</u>	<u>Nymphon brevitarse</u>
ARTHROPODA: Amphipoda	BRACHIOPODA
<u>Amphithopsis longicaudata</u>	<u>Hemithyris psittacea</u>
<u>Aristias tumidus</u>	CHORDATA: Ascidiacea
<u>Dyopedos porrectus</u> (as <u>Dulichia</u> )	<u>Ascidia callosa</u>
<u>Eurysteus melanops</u>	<u>Boltenia echinata</u>
<u>Ischyrocerus anguipes</u>	<u>Boltenia ovifera</u>
<u>Ischyrocerus commensalis</u>	<u>Distaplia clavata</u>
<u>Ischyrocerus latipes</u>	<u>Molgula retortiformis</u>
<u>Ischyrocerus magalops</u>	<u>Synoicum pulmonaria</u>
<u>Mesometopa neglecta</u> (as <u>Metopella</u> )	COELENTERATA: Anthozoa
<u>Metopa alderi</u>	<u>Hormathia nodosa</u>
<u>Metopa bruzelii</u>	<u>Tealia felina</u>
<u>Metopa glacialis</u> (as <u>M. cariana</u> )	COELENTERATA: Hydrozoa
<u>Metopa hearni</u>	<u>Calycella syringa</u>
<u>Metopa invalida</u>	<u>Campanularia speciosa</u>
<u>Metopa longicornis</u>	<u>Campanularia volubilis</u>
<u>Metopa propinqua</u>	<u>Coryne pusilla</u>
<u>Metopa sinuata</u>	<u>Eudendrium capillare</u>
<u>Metopella longimana</u>	<u>Euphysa</u> sp.
<u>Neopleustes boeckii</u> (as <u>Parapleustes</u> )	<u>Filellum serpens</u>
<u>Neopleustes pulchellus</u> (as <u>Parapleustes</u> )	<u>Gonothyraea loveni</u>
<u>Odius carinatus</u>	<u>Halecium curvicaule</u>
<u>Orchomene groenlandica</u> (as <u>Orchomenella</u> )	<u>Halecium minutum</u>
<u>Orchomene macroserrata</u>	<u>Halecium muricatum</u>
<u>Parapleustes assimilis</u>	<u>Lafoea gracillima</u>
<u>Pleusymtes buttoni</u> (as <u>Sympleustes</u> )	<u>Monocoryne gigantea</u>
<u>Pleusymtes glabroides</u> (as <u>Sympleustes</u> )	
<u>Socarnes vahli</u>	
<u>Stenothoe brevicornis</u> (var. <u>canadensis</u> )	
<u>Stenula nordmanni</u> (as <u>Metopa</u> )	
<u>Stenula</u> sp.	

Table 7. Continued.

Species	Species
COELENTERATA:Hydrozoa	MOLLUSCA:Gastropoda
<u>Myriothele phrygia</u>	<u>Boreotrophon fabricii</u>
<u>Sertularella polyzonias</u>	<u>Boreotrophon truncatus</u>
<u>Sertularella tricuspidata</u>	<u>Capulacmaea radiata</u>
<u>Sertularia schmidti</u>	<u>Coryphella salmonacea</u>
<u>Tetrapoma quadridentatum</u>	<u>Tachyrhynchus reticulatus</u>
<u>Thuiaria carica</u>	
ECHINODERMATA:Asteroidea	MOLLUSCA:Pelecypoda
<u>Henricia eschrichti</u>	<u>Musculus discors</u> (f. <u>laevigatus</u>
<u>Leptasterias groenlandica</u>	& <u>substriatus</u> )
ECHINODERMATA:Echinoidea	PORIFERA
<u>Strongylocentrotus droebachiensis</u>	<u>Halichondria disparilis</u>
ECHINODERMATA:Holothuroidea	
<u>Psolus fabricii</u>	
ECHINODERMATA:Ophiuroidea	
<u>Gorgonocephalus arcticus</u>	
<u>Ophiacantha bidentata</u>	
<u>Ophiopholis aculeata</u>	
ECTOPROCTA	
<u>Alcyonidium gelatinosum</u>	
<u>Bidenkapia spitzbergensis</u>	
<u>Callopora craticula</u>	
<u>Cauloramphus cymbaeformis</u>	
<u>Celleporina surcularis</u>	
<u>Celleporina ventricosa</u>	
<u>Cystisella elegantula</u>	
<u>Cystisella saccata</u>	
<u>Hippoporina propinqua</u>	
<u>Membraniporella crassicosta</u>	
<u>Parasmittina jeffreysi</u>	
<u>Porella smitti</u>	
<u>Rhamphostomella bilaminata</u>	
<u>Rhamphostomella costata</u>	
<u>Tegella armifera</u>	
<u>Umbonula arctica</u>	

Table 8. Benthic invertebrates collected by hand from station 227, 13 Aug 1950.

---

 Species
 

---

 ARTHROPODA:Amphipoda  
Gammarus setosus

Table 9. Benthic invertebrates collected by net from station 227B, 13 Aug 1950.

---

 Species
 

---

 ARTHROPODA:Decapoda  
Eualus gaimardi belcheri
Table 10. Benthic invertebrates collected by net and from cod, Gadus morhua (as G. callarias) from station 238, 1-8 Sep 1950.

---

 Species
 

---

 ARTHROPODA:Amphipoda  
Gammarellus homari  
Pleustes panoplus

 ARTHROPODA:Decapoda  
Eualus fabricii  
Eualus gaimardi  
Lebbeus groenlandicus  
Lebbeus polaris  
Pasiphaea tarda  
Sergestes arcticus

 ARTHROPODA:Isopoda  
Aega psora

 CHORDATA:Ascidiacea  
Boltenia ovifera


---

 Species
 

---

 ECHINODERMATA:Asteroidea  
Solaster papposus

 ECHINODERMATA:Holothuroidea  
Cucumaria frondosa (as C. japonica)  
Psolus fabricii

 MOLLUSCA:Gastropoda  
Boreotrophon truncatus  
Buccinum cyaneum  
Margarites helycinus  
Margarites umbilicalis

 MOLLUSCA:Pelecypoda  
Mya arenaria

Table 11. Benthic invertebrates collected by dredge from station 208, 20 Jul 1950.

Species	Species
ANNELIDA: Polychaeta	ECHINODERMATA: Echinoidea
<u>Chone infundibuliformis</u>	<u>Strongylocentrotus droebachiensis</u>
<u>Harmothoe extenuata</u> (as <u>Lagisca rarispina</u> )	ECHINODERMATA: Ophiuroidea
<u>Harmothoe nodosa</u> (as <u>Eunoe</u> )	<u>Ophiopholis aculeata</u>
<u>Nereis pelagica</u>	<u>Ophiura robusta</u>
<u>Thelepus cincinnatus</u>	ECTOPROCTA
ARTHROPODA: Amphipoda	<u>Celleporina surcularis</u>
<u>Arctopleustes glabricauda</u> (as <u>Parapleustes</u> )	<u>Escharella abyssicola</u>
<u>Ischyrocerus megalops</u>	<u>Escharella immersa</u>
<u>Neopleustes boeckii</u> (as <u>Parapleustes</u> )	<u>Harmeria scutulata</u>
ARTHROPODA: Decapoda	<u>Hincksipora spinulifera</u>
<u>Eualus fabricii</u>	<u>Lepraliella contigua</u>
<u>Hyas coarctatus</u>	<u>Myriozoella plana</u>
<u>Lebbeus groenlandicus</u>	<u>Smittina groenlandica</u>
<u>Lebbeus polaris</u>	<u>Stomachetosella limbata</u>
<u>Pandalus montagui</u>	<u>Stomachetosella sinuosa</u>
<u>Spirontocaris phippsi</u>	MOLLUSCA: Amphineura
<u>Spirontocaris spinus</u>	<u>Ischnochiton albus</u> (as <u>Lophyrochiton</u> )
ARTHROPODA: Isopoda	MOLLUSCA: Gastropoda
<u>Arcturus baffini</u>	<u>Boreotrophon fabricii</u>
<u>Bopyroides hippolytes</u>	MOLLUSCA: Pelecypoda
BRACHIOPODA	<u>Chlamys islandica</u>
<u>Hemithyris psittacea</u>	<u>Hiatella arctica</u>
CHORDATA: Ascidiacea	<u>Mya truncata</u>
<u>Ascidia</u> sp.	SIPUNCULA
<u>Boltenia echinata</u>	<u>Golfingia eremita</u>
<u>Boltenia ovifera</u>	
COELENTERATA: Hydrozoa	
<u>Lafoea gracillima</u>	
<u>Sertularella polyzonias</u>	
ECHINODERMATA: Asteroidea	
<u>Henricia eschrichti</u>	
<u>Leptasterias polaris</u> (as <u>Asterias</u> )	
<u>Solaster papposus</u>	

Table 12. Benthic invertebrates collected by hand from station 208B, 21 Jul 1950.

---

Species

---

ARTHROPODA:Amphipoda

Gammarus oceanicus

Gammarus setosus

MOLLUSCA:Gastropoda

Littorina saxatilis

MOLLUSCA:Pelecypoda

Mytilus edulis

Table 13. Benthic invertebrates collected by dredge from station 210, 21 Jul 1950.

Species	Species
ANNELIDA: Polychaeta	COELENTERATA: Hydrozoa
<u>Harmothoe extenuata</u> (as <u>Lagisca rarispina</u> )	<u>Campanularia speciosa</u>
<u>Harmothoe imbricata</u>	<u>Grammaria abietina</u>
<u>Harmothoe nodosa</u> (as <u>Eunoe</u> )	<u>Lafoea gracillima</u>
<u>Nereis pelagica</u>	<u>Sarsia tubulosa</u>
<u>Ophelia limacina</u>	<u>Sertularella polyzonias</u>
<u>Thelepus cincinnatus</u>	<u>Sertularella tricuspidata</u>
ARTHROPODA: Amphipoda	ECHINODERMATA: Asteroidea
<u>Ischyrocerus anguipes</u>	<u>Leptasterias polaris</u> (as <u>Asterias polaris</u> )
<u>Ischyrocerus latipes</u>	ECHINODERMATA: Echinoidea
<u>Mesometopa neglecta</u> (as <u>Metopella</u> )	<u>Strongylocentrotus droebachiensis</u>
<u>Metopa bruzelii</u>	ECHINODERMATA: Holothuroidea
<u>Metopa hearni</u>	<u>Psolus fabricii</u>
<u>Metopa sinuata</u>	ECHINODERMATA: Ophiuroidea
<u>Metopella longimana</u>	<u>Gorgonocephalus arcticus</u>
<u>Stenula nordmanni</u> (as <u>Metopa</u> )	<u>Ophiopholis aculeata</u>
ARTHROPODA: Decapoda	<u>Ophiura robusta</u>
<u>Eualus fabricii</u>	ECTOPROCTA
<u>Hyas coarctatus</u>	<u>Celleporina surcularis</u>
<u>Lebbeus groenlandicus</u>	<u>Myriapora subgracila</u>
<u>Lebbeus polaris</u>	<u>Porella compressa</u>
<u>Spirontocaris phippsi</u>	<u>Smittina rigida</u>
<u>Spirontocaris spinus</u>	MOLLUSCA: Gastropoda
BRACHIOPODA	<u>Boreotrophon fabricii</u>
<u>Hemithyris psittacea</u>	MOLLUSCA: Pelecypoda
CHORDATA: Ascidiacea	<u>Astarte montagui</u> (f. <u>striata</u> )
<u>Ascidia callosa</u>	<u>Chlamys islandica</u>
<u>Boltenia echinata</u>	<u>Hiatella arctica</u>
<u>Boltenia ovifera</u>	PORIFERA
<u>Halocynthia pyriformis</u>	<u>Halichondria sitiens</u>
COELENTERATA: Anthozoa	<u>Mycale lingua</u>
<u>Gersemia rubiformis</u>	SIPUNCULA
<u>Tealia felina</u>	<u>Golfingia margaritacea</u>



Table 14. Benthic invertebrates collected by hand from station 212, 21 Jul 1950.

---

Species

---

ARTHROPODA:Amphipoda

Gammarus oceanicus (as G. zaddachi oceanicus)

Gammarus setosus

MOLLUSCA:Gastropoda

Littorina saxatilis

MOLLUSCA:Pelecypoda

Mytilus edulis

Table 15. Benthic invertebrates collected by line and net from station 212B, 21 Jul 1950.

---

Species

---

ANNELIDA:Polychaeta

Lumbrineris fragilis (as Lumbrinereis)

ARTHROPODA:Amphipoda

Boeckosimus edwardsi (as Onisimus edwardsi)

Orchomene pinguis (as Orchomenella)

ARTHROPODA:Decapoda

Argis dentata

Hyas coarctatus

Lebbeus groenlandicus

ECTOPROCTA

Cheilopora sincera

MOLLUSCA:Pelecypoda

Astarte borealis (f. arctica)

Astarte montagui (f. striata)

Table 16. Benthic invertebrates collected by hand from station 215, 24 Jul 1950.

## Species

ARTHROPODA: Amphipoda

Gammarus setosusOnisimus littoralis (as Pseudalibrotus littoralis)

ARTHROPODA: Decapoda

Hyas coarctatus

MOLLUSCA: Gastropoda

Cylichna albaLittorina saxatilis

MOLLUSCA: Pelecypoda

Crenella fabaMya truncataMytilus edulis

Table 17. Benthic invertebrates collected by dredge from station 216, 24 Jul 1950.

## Species

ANNELIDA: Polychaeta

Ammotrypane aulogasterAxiothella catenataEteone longaScalibregma inflatumScoloplos armiger

ARTHROPODA: Amphipoda

Ampelisca eschrichtiAnonyx liljeborgi (as A. nugax)Boeckosimus plautus (as Onisimus)Opisa eschrichtiOrchomene minuta (as Orchomenella)Orchomene pinguis (as Orchomenella)Pleustes panoplus

## Species

ARTHROPODA: Decapoda

Hyas coarctatusLebbeus groenlandicusLebbeus polaris

MOLLUSCA: Gastropoda

Margarites costalisMargarites groenlandicusOenopota bicarinataOenopota turricula

MOLLUSCA: Pelecypoda

Astarte borealisAstarte montagui (f. striata)Macoma calcareaMacoma torelliThyasira gouldi

PRIAPULIDA

Priapulus caudatus

Table 18. Benthic invertebrates collected by hand from station 217, 30 Jul 1950.

---

Species

---

ARTHROPODA:Amphipoda

Anonyx nugax

Gammarus oceanicus (as G. zaddachi oceanicus)

Gammarus setosus

Onisimus littoralis (as Pseudalibrotus littoralis)

Orchomene minuta (as Orchomenella)

MOLLUSCA:Gastropoda

Acmaea testudinalis

Uenopota sp. (cf. cinerea)

MOLLUSCA:Pelecypoda

Crenella faba

Mya truncata (f. typica)

Mytilus edulis

Table 19. Benthic invertebrates collected by line from station 217B, 30 Jul 1950.

---

Species

---

ANNELIDA:Polychaeta

Nereis pelagica

Ophelia limacina

Pholoe minuta

Spirorbis spirillum

MOLLUSCA:Gastropoda

Margarites helycinus

MOLLUSCA:Pelecypoda

Hiatella arctica

Table 20. Benthic invertebrates collected by net from station 221, 4 Aug 1950.

---

Species

---

ARTHROPODA:Amphipoda

Onisimus glacialis (as Pseudalibrotus)

Paramphithoe hystrix

COELENTERATA:Anthozoa

Actinostola spetsbergensis

COELENTERATA:Hydrozoa

Calycella syringa

Campanularia integra

Lafoea gracillima

Sertularia schmidtii

ECTOPROCTA

Bidenkapia spitzbergensis

Caberea ellisi

Celleporina surcularis

Cheilopora sincera

Cystisella saccata

Escharella connectens

Idmonea atlantica

Membranipora serrulata

Microporina articulata

Myriapora subgracila

Phidolopora elongata

Tricellaria gracilis

MOLLUSCA:Cephalopoda

Rossia palpebrosa

Table 21. Benthic invertebrates collected by dredge from station 222, 3 Aug 1950.

Species	Species
ANNELIDA: Polychaeta	PORIFERA
<u>Eteone longa</u>	<u>Grayella pyrula</u>
<u>Lumbrineris fragilis</u> (as <u>Lumbrinereis</u> )	<u>Haliclona ventilabrum</u>
<u>Nephtys ciliata</u> (as <u>Nephtys</u> )	<u>Mycale lingua</u>
<u>Nicomache lumbricalis</u>	<u>Myxilla incrustans</u>
<u>Thelepus cincinnatus</u>	<u>Myxilla sp.</u>
	<u>Stelodoryx pluridentata</u>
ARTHROPODA: Decapoda	
<u>Argis dentata</u>	
<u>Eualus fabricii</u>	
<u>Lebbeus groenlandicus</u>	
<u>Lebbeus polaris</u>	
<u>Sabinea septemcarinata</u>	
<u>Sclerocrangon boreas</u>	
<u>Spirontocaris phippii</u>	
<u>Spirontocaris spinus</u>	
ARTHROPODA: Isopoda	
<u>Janira tricornis</u>	
BRACHIOPODA	
<u>Hemithyris psittacea</u>	
ECHINODERMATA: Asteroidea	
<u>Solaster papposus</u>	
ECHINODERMATA: Crinoidea	
<u>Heliometra glacialis</u>	
ECHINODERMATA: Echinoidea	
<u>Strongylocentrotus droebachiensis</u>	
ECHINODERMATA: Ophiuroidea	
<u>Ophiacantha bidentata</u>	
<u>Ophiocten sericeum</u>	
<u>Ophiopus arcticus</u>	
<u>Ophiura robusta</u>	
<u>Ophiura sarsi</u>	
MOLLUSCA: Gastropoda	
<u>Oenopota bicarinata</u>	

Table 22. Benthic invertebrates collected by hand from station 309, 28 Jul 1951.

---

Species

---

ARTHROPODA: Cirripedia  
Balanus balanoides

MOLLUSCA: Gastropoda  
Littorina saxatilis

Table 23. Benthic invertebrates collected by hand from station 528, 9 Aug 1953.

---

Species

---

ARTHROPODA: Amphipoda  
Eurysteus melanops  
Gammarus oceanicus  
Gammarus setosus  
Onisimus litoralis (as Pseudalibrotus)  
Orchomene minuta (as Orchomenella)

COELENTERATA: Anthozoa  
Tealia felina

---

Species

---

MOLLUSCA: Pelecypoda  
Astarte borealis  
Crenella faba  
Mytilus edulis  
Nuculana pernula (buccata)

Table 24. Benthic invertebrates collected by hand from station 532, 12 Aug 1953.

---

Species

---

ARTHROPODA: Amphipoda  
Gammarus oceanicus  
Gammarus setosus

ARTHROPODA: Cirripedia  
Balanus balanoides

---

Species

---

MOLLUSCA: Gastropoda  
Littorina saxatilis

MOLLUSCA: Pelecypoda  
Mya truncata

Table 25. Benthic invertebrates collected by anchor from station 532B, 12 Aug 1953.

---

Species

---

ARTHROPODA:Decapoda  
Spirontocaris spinus

Table 26. Benthic invertebrates collected by anchor and jig from station 533, 14 Aug 1953.

---

Species

---

ECHINODERMATA:Asteroidea  
Leptasterias groenlandica

MOLLUSCA:Gastropoda  
Margarites costalis  
Margarites olivaceus  
Margarites umbilicalis

MOLLUSCA:Pelecypoda  
Astarte montagui (f. fabula)  
Musculus discors (f. laevigatus)  
Mya truncata

Table 27. Benthic invertebrates collected by anchor and jig from station 534,  
15 Aug 1953.

---

Species

---

ARTHROPODA:Amphipoda  
Anonyx lilljeborgi  
Orchomene minuta (as Orchomenella)  
Socarnes bidenticulatus

CHORDATA:Ascidiacea  
Molgula retortiformis

MOLLUSCA:Pelecypoda  
Mya truncata

Table 28. Benthic invertebrates collected by hand from station 534B, 16 Aug  
1953.

---

Species

---

ARTHROPODA:Amphipoda  
Gammarus oceanicus  
Gammarus setosus  
Onisimus titoralis (as Pseudalibrotus)

ARTHROPODA:Cirripedia  
Balanus balanoides

MOLLUSCA:Gastropoda  
Littorina saxatilis

MOLLUSCA:Pelecypoda  
Astarte montagui (f. striata)  
Crenella faba



Table 29. Benthic invertebrates collected by line from station 534C, 26 Aug 1953.

---

Species

---

ARTHROPODA: Amphipoda  
Caprella septentrionalis  
Halirages nilssoni  
Orchomene macroserrata

ECHINODERMATA: Holothuroidea  
Psolus fabricii

MOLLUSCA: Pelecypoda  
Astarte borealis

Table 30. Benthic invertebrates collected by hand from station 621, 22 Mar 1954.

---

Species

---

ANNELIDA: Oligochaeta  
 Oligochaetes

ANNELIDA: Polychaeta  
Fabricia sabella

ARTHROPODA: Amphipoda  
Gammarus oceanicus  
Gammarus setosus  
Metopelloides micropalma

ARTHROPODA: Cirripedia  
Balanus balanoides

Table 31. Benthic invertebrates collected by dredge from station 622, 16 Jul and 18 Aug 1954.

Species	Species
* ARTHROPODA: Amphipoda	MOLLUSCA: Gastropoda
<u>Anonyx nugax</u> (+ var. spinosus)	<u>Buccinum cyaneum</u>
<u>Halirages fulvocinctus</u>	<u>Margarites helycinus</u>
<u>Halirages nilssoni</u>	<u>Margarites umbilicalis</u>
<u>Pontogeneia inermis</u>	
ARTHROPODA: Decapoda	MOLLUSCA: Pelecypoda
<u>Lebbeus groenlandicus</u>	<u>Hiatella arctica</u>
<u>Lebbeus polaris</u>	<u>Macoma calcarea</u>
	<u>Musculus discors</u> (f. laevigatus)
ECHINODERMATA: Ophiuroidea	<u>Mya truncata</u> (f. uddevalensis)
<u>Stegophiura nodosa</u>	
	* <u>Anonyx laticoxae</u>
MOLLUSCA: Amphineura	
<u>Tonicella marmorea</u>	

Table 32. Benthic invertebrates collected by hand from station 622B, 17 Jul, 17 Aug, and 29 Sep 1954.

Species	Species
ANNELIDA: Polychaeta	MOLLUSCA: Gastropoda
<u>Travisia forbesi</u>	<u>Buccinum cyaneum</u>
	<u>Buccinum glaciale</u>
ARTHROPODA: Amphipoda	<u>Cylichna alba</u>
<u>Gammarus setosus</u>	<u>Littorina saxatilis</u>
<u>Orchomene minuta</u> (as <u>Orchomenella</u> )	<u>Lunatia pallida</u>
<u>Orchomene pinguis</u> (as <u>Orchomenella</u> )	<u>Margarites helycinus</u>
<u>Pareodicerus lynceus</u>	<u>Oenopota bicarinata</u>
<u>Weyprechtia pinguis</u>	
ARTHROPODA: Cirripedia	MOLLUSCA: Pelecypoda
<u>Balanus balanoides</u>	<u>Crenella faba</u>
	<u>Cyrtodaria kurriana</u>
ARTHROPODA: Isopoda	<u>Mya truncata</u> (f. uddevalensis)
<u>Mesidotea sabini</u>	
COELENTERATA: Anthozoa	PRIAPULIDA
<u>Halcampa arctica</u>	<u>Priapulus caudatus</u>
<u>Tealia felina</u>	

Table 33. Benthic invertebrates collected by hand from station 624, 27, 28 May 1954.

---

Species

---

ARTHROPODA:Oligochaeta  
Oligochaetes

ANNELIDA:Polychaeta  
Arenicola marina  
Fabricia sabella  
Harmothoe imbricata

ARTHROPODA:Amphipoda  
Gammarus oceanicus  
Gammarus setosus

ARTHROPODA:Cirripedia  
Balanus balanoides

ASCHELMINTHES:Nematoda  
Nematodes

MOLLUSCA:Gastropoda  
Littorina saxatilis  
Margarites helycinus  
Onchidiopsis glacialis

MOLLUSCA:Pelecypoda  
Crenella faba

NEMERTINA  
Nemerteans

PRIAPULIDA  
Priapulus caudatus

Table 34. Benthic invertebrates collected by hand from station 625,  
26, 28 jun; 3-5 Jul 1954.

---

Species

---

ANNELIDA:Oligochaeta  
Oligochaetes

ANNELIDA:Polychaeta  
Eteone longa  
Fabricia sabella  
Harmothoe imbricata

ARTHROPODA:Acarina  
Mites

ARTHROPODA:Amphipoda  
Calliopius laeviusculus  
Gammarus oceanicus  
Gammarus setosus  
Metopa borealis  
Onisimus litoralis (as Pseudalibrotus)  
Pontogeneia inermis  
Weyprechtia pinguis

ARTHROPODA:Cirripedia  
Balanus balanoides  
Balanus crenatus

COELENTERATA:Anthozoa  
Tealia felina

ECHINODERMATA:Holothuroidea  
Psolus fabricii

ECTOPROCTA  
Eucratea loricata

MOLLUSCA: Gastropoda  
Acmaea testudinalis  
Cingula arenaria  
Cylichna alba  
Margarites helycinus  
Margarites umbilicalis

MOLLUSCA:Pelecypoda  
Crenella faba  
Hiatella arctica

NEMERTINA  
Nemerteans

Table 35. Benthic invertebrates collected by dredge from station 632, 7 Aug 1954.

---

Species

---

ARTHROPODA:Decapoda  
Lebbeus polaris

Table 36. Benthic invertebrates collected by hand from station 632B, 9 Aug 1954.

---

Species

---

ARTHROPODA:Amphipoda  
Gammarus setosus  
Onisimus titoralis (as Pseudalibrotus)

ARTHROPODA:Cirripedia  
Balanus balanoides

COELENTERATA:Anthozoa  
Halocampa arctica  
Tealia felina

MOLLUSCA:Gastropoda  
Littorina saxatilis  
Margarites sp.

PRIAPULIDA  
Halicryptus spinulosus  
Priapulus caudatus

Table 37. Benthic invertebrates collected by hand from station 706, 8 Aug 1955.

Species	Species
ANNELIDA:Oligochaeta Oligochaetes	ASCHELMINTHES:Nematoda Nematodes
ANNELIDA:Polychaeta Tubed polychaetes	MOLLUSCA:Gastropoda <u>Acmaea testudinalis</u>
ARTHROPODA:Acarina Mites	MOLLUSCA:Pelecypoda <u>Mytilus edulis</u>
ARTHROPODA:Amphipoda <u>Apherusa glacialis</u> <u>Calliopius laeviusculus</u> <u>Gammarus oceanicus</u> <u>Gammarus setosus</u> <u>Onisimus titoralis</u> (as <u>Pseudalibrotus</u> )	
ARTHROPODA:Cirripedia <u>Balanus balanoides</u>	

Table 38. Benthic invertebrates collected by dredge from station 58-20, 6 Sep 1958.

Species
ARTHROPODA:Amphipoda <u>Pontogeneia inermis</u>
ARTHROPODA:Decapoda <u>Eualus fabricii</u> <u>Eualus gaimardi</u> <u>Lebbeus groenlandicus</u> <u>Lebbeus polaris</u> <u>Spirontocaris phippi</u>
MOLLUSCA:Gastropoda <u>Margarites costalis</u>

Table 39. Benthic invertebrates collected by dredge from station 58-21, 6 Sep 1958.

Species	Species
ANNELIDA: Polychaeta	ECHINODERMATA: Ophiuroidea
<u>Chone</u> sp.	<u>Gorgonocephalus arcticus</u>
<u>Eusyllis blomstrandii</u>	<u>Ophiopholis aculeata</u>
<u>Lanassa venusta</u>	<u>Ophiura robusta</u>
<u>Thelepus cincinnatus</u>	
ARTHROPODA: Amphipoda	ECTOPROCTA
<u>Anonyx nugax</u>	<u>Escharella abyssicola</u>
<u>Eusirus cuspidatus</u>	<u>Parasmittina jeffreysi</u>
	<u>Schizomavella auriculata</u>
	<u>Smittina rigida</u>
ARTHROPODA: Cirripedia	MOLLUSCA: Amphineura
<u>Balanus balanoides</u>	<u>Ischnochiton albus</u> (as
<u>Balanus balanus</u>	<u>Lophyrochiton</u> )
<u>Balanus crenatus</u>	
ARTHROPODA: Cumacea	MOLLUSCA: Gastropoda
<u>Cumella</u> sp.	<u>Boreotrophon fabricii</u>
<u>Platyaspis typica</u>	<u>Boreotrophon truncatus</u>
	<u>Buccinum glaciale</u>
ARTHROPODA: Decapoda	<u>Buccinum undatum</u>
<u>Eualus gaimardi</u>	
<u>Hyas coarctatus</u>	MOLLUSCA: Pelecypoda
<u>Lebbeus polaris</u>	<u>Astarte montagui</u> (f. warhami)
<u>Sclerocrangon boreas</u>	<u>Chlamys islandica</u>
<u>Spirontocaris spinus</u>	<u>Cyclocardia borealis</u> (as
	<u>Venericardia</u> )
BRACHIOPODA	<u>Hiatella arctica</u>
<u>Atretia gnomon</u>	<u>Musculus discors</u> (f. laevigatus &
<u>Hemithyris psittacea</u>	substriatus)
	<u>Nuculana minuta</u>
CHORDATA: Ascidiacea	
<u>Boltenia ovifera</u>	
COELENTERATA: Anthozoa	
<u>Gersemia rubiformis</u>	
<u>Stomphia coccinea</u>	
ECHINODERMATA: Asteroidea	
<u>Henricia eschrichti</u>	
ECHINODERMATA: Echinoidea	
<u>Strongylocentrotus droebachiensis</u>	
ECHINODERMATA: Holothuroidea	
<u>Psolus fabricii</u>	

Table 40. Benthic invertebrates collected by hand from station 60-1215, 11 Aug 1960.

---

Species

---

ARTHROPODA:Amphipoda  
Boeckosimus affinis  
Gammarus setosus  
Onisimus litoralis

Table 41. Benthic invertebrates collected by net from station 60-1216B, 12 Aug 1960.

---

Species

---

MOLLUSCA:Gastropoda  
Buccinum finmarkianum

PRIAPULIDA  
Priapulus caudatus



Table 42. Benthic invertebrates collected by grab from stations in Deception Bay, 26 Jul 1970.

Species	Species
ANNELIDA:Polychaeta	CHORDATA:Ascidiacea
<u>Ammotrypane breviata</u>	<u>Styela rustica</u>
<u>Ampharete acutifrons</u>	MOLLUSCA:Amphineura
<u>Ampharete goesi</u>	<u>Tonicella marmorea</u>
<u>Aricidea suecica</u>	MOLLUSCA:Gastropoda
<u>Asabellides sibirica</u>	<u>Acmaea testudinalis</u>
<u>Capitella capitata</u>	<u>Margarites costalis</u>
<u>Chaetozone setosa</u>	<u>Margarites helycinus</u>
<u>Ephesiella minuta</u>	<u>Oenopota bicarinata</u>
<u>Eteone longa</u>	<u>Oenopota pyramidalis</u>
<u>Euchone papillosa</u>	<u>Retusa obtusa</u>
<u>Exogone verugera</u>	<u>Tachyrhynchus reticulatus</u>
<u>Harmothoe imbricata</u>	MOLLUSCA:Pelecypoda
<u>Lumbrineris fragilis</u>	<u>Astarte borealis</u>
<u>Lysippe labiata</u>	<u>Astarte montagui</u> (f. warhami)
<u>Micronephthys minuta</u>	<u>Axinopsida orbiculata</u>
<u>Nereimyra aphroditoides</u>	<u>Chlamys islandica</u>
<u>Nereis</u> sp.	<u>Clinocardium ciliatum</u>
<u>Nicolea zostericola</u>	<u>Crenella faba</u>
<u>Paraonis</u> sp.	<u>Hiatella arctica</u>
<u>Pectinaria granulata</u>	<u>Macoma calcarea</u>
<u>Pholoe minuta</u>	<u>Musculus discors</u>
<u>Phyllodoce mucosa</u>	<u>Mya pseudoarenaria</u>
<u>Polycirrus medusa</u>	<u>Mytilus edulis</u>
<u>Polydora caulleryi</u>	<u>Nucula belloti</u>
<u>Praxillella praetermissa</u>	<u>Serripes groenlandicus</u>
<u>Prionospio cirrifera</u>	<u>Thyasira gouldi</u>
<u>Sabellides octocirrata</u>	
<u>Scalibregma inflatum</u>	
<u>Scoloplos armiger</u>	
<u>Tharyx acutus</u>	
ARTHROPODA:Nebaliacea	
<u>Nebalia bipes</u>	
ARTHROPODA:Ostracoda	
<u>Philomedes globosus</u>	
ASCHELMINTHES:Nematoda	
Nematodes	

Table 43. Benthic invertebrates collected by plankton net from station 541,  
27 Aug 1953.

---

Species

---

ARTHROPODA:Amphipoda  
Onisimus nanseni (as Pseudalibrotus)

ARTHROPODA:Cumacea  
Campylaspis rubicunda

Table 44. Benthic invertebrates collected by dredge from station 542, 27 Aug 1953.

Species	Species
ANNELIDA: Polychaeta	ECHINODERMATA: Ophiuroidea
<u>Chitinopoma fabricii</u>	<u>Ophiacantha bidentata</u>
<u>Pectinaria hyperborea</u>	<u>Ophiocten sericeum</u>
<u>Pholoe minuta</u>	<u>Ophiopus arcticus</u>
ARTHROPODA: Acarina	<u>Ophiura robusta</u>
Mites	<u>Stegophiura nodosa</u>
ARTHROPODA: Amphipoda	ECTOPROCTA
<u>Acanthonotozoma serratum</u>	<u>Celleporina surcularis</u>
<u>Aeginina longicornis</u>	MOLLUSCA: Gastropoda
<u>Anonyx nugax</u>	<u>Margarites helycinus</u>
<u>Caprella septentrionalis</u>	MOLLUSCA: Pelecypoda
<u>Halirages fulvocinctus</u>	<u>Astarte borealis</u> (f. <i>typica</i> )
<u>Parapleustes bicuspis</u>	<u>Astarte montagui</u> (f. <i>striata</i>
<u>Socarnes bidenticulatus</u>	& <i>warhami</i> )
<u>Tryphosa marina</u>	<u>Crenella faba</u>
ARTHROPODA: Cirripedia	<u>Macoma calcarea</u>
<u>Balanus balanus</u>	<u>Musculus discors</u> (f. <i>laevigatus</i> )
ARTHROPODA: Decapoda	<u>Musculus niger</u>
<u>Lebbeus groenlandicus</u>	<u>Nuculana minuta</u>
ARTHROPODA: Isopoda	<u>Nuculana pernula</u>
<u>Mesidotea sabini</u>	SIPUNCULA
ASCHELMINTES: Nematoda	<u>Phascolion strombi</u>
Nematodes	
CHORDATA: Ascidiacea	
<u>Aplidium glabrum</u>	
<u>Chelyosoma macleayanum</u>	
<u>Styela coriacea</u>	
COELENTERATA: Anthozoa	
<u>Actinostola spetsbergensis</u>	
ECHINODERMATA: Asteroidea	
<u>Leptasterias groenlandica</u>	

Table 45. Benthic invertebrates collected by hand from station 542B, 28 Aug 1953.

---

Species

---

ANNELIDA:Oligochaeta  
Oligochaetes

ANNELIDA:Polychaeta  
Polychaetes

ARTHROPODA:Amphipoda  
Gammarus setosus  
Onisimus litoralis (as Pseudalibrotus)

ARTHROPODA:Cirripedia  
Balanus balanoides

ASCHELMINTHES:Nematoda  
Nematodes

MOLLUSCA:Gastropoda  
Buccinum glaciale (cf. hancocki)

Table 46. Benthic invertebrates collected by dredge from station 547, 3 Sep 1953.

Species	Species
ANNELIDA: Polychaeta	COELENTERATA: Anthozoa
<u>Chone</u> sp.	<u>Gersemia rubiformis</u>
<u>Syllis cornuta</u>	<u>Hormathia nodosa</u>
	<u>Stomphia coccinea</u>
ARTHROPODA: Amphipoda	<u>Tealia felina</u>
<u>Aeginina longicornis</u>	COELENTERATA: Hydrozoa
<u>Caprella septentrionalis</u>	<u>Calycella syringa</u>
<u>Ericthonius tolli</u>	<u>Campanularia groenlandica</u>
<u>Ischyrocerus anguipes</u>	<u>Campanularia integra</u>
<u>Ischyrocerus megacheir</u>	<u>Campanularia speciosa</u>
<u>Mesometopa neglecta</u> (as <u>Metopella</u> )	<u>Campanularia verticillata</u>
<u>Metopa bruzelii</u>	<u>Campanularia volubilis</u>
<u>Metopa norvegica</u>	<u>Grammaria abietina</u>
<u>Metopa propinqua</u>	<u>Halecium muricatum</u>
<u>Metopa robusta</u>	<u>Lafoea gracillima</u>
<u>Metopa sinuata</u>	<u>Sertularella tricuspidata</u>
<u>Metopella longimana</u>	<u>Sertularia schmidtii</u>
<u>Paramphithoe hystrix</u>	<u>Sertularia similis</u>
<u>Parapleustes assimilis</u>	<u>Tetrapoma quadridentatum</u>
ARTHROPODA: Cirripedia	<u>Thuiaria thuja</u>
<u>Balanus balanus</u>	ECHINODERMATA: Asteroidea
<u>Scalpellum cornutum</u>	<u>Henricia eschrichtii</u>
ARTHROPODA: Decapoda	<u>Leptasterias groenlandica</u>
<u>Argis dentata</u>	<u>Solaster endeca</u>
<u>Lebbeus groenlandicus</u>	<u>Solaster papposus</u>
<u>Lebbeus polaris</u>	<u>Stephanasterias albulata</u>
<u>Sabinea septemcarinata</u>	ECHINODERMATA: Echinoidea
<u>Spirontocaris phippsi</u>	<u>Strongylocentrotus droebachiensis</u>
<u>Spirontocaris spinus</u>	
ARTHROPODA: Isopoda	ECHINODERMATA: Holothuroidea
<u>Janira tricornis</u>	<u>Cucumaria frondosa</u>
BRACHIOPODA	<u>Thyonidium</u> sp.
<u>Hemithyris psittacea</u>	ECHINODERMATA: Ophiuroidea
CHORDATA: Ascidiacea	<u>Gorgonocephalus arcticus</u>
<u>Boltenia ovifera</u>	<u>Ophiacantha bidentata</u>
<u>Dendrodoa aggregata</u>	<u>Ophiopholis aculeata</u>
<u>Didemnum albidum</u>	<u>Ophiopus arcticus</u>
<u>Distaplia clavata</u>	<u>Ophiura robusta</u>
<u>Halocynthia pyriformis</u>	
<u>Molgula griffithsi</u>	

Table 46. Continued.

---

Species

---

## ECTOPROCTA

Celleporina surcularisCelleporina ventricosaEscharella connectensHippoporina reticulatopunctataHippothoa hyalinaSchizmopora nodulosaSecuriflustra securifronsTerminoflustra membranaceotruncataTricellaria ternataUmbonula arctica

## MOLLUSCA:Amphineura

Ischnochiton albus (as Lophyrochiton)

## MOLLUSCA:Gastropoda

Boreotrophon fabriciiBoreotrophon truncatusBuccinum glaciale (cf. hancocki)Buccinum hydrophanumMargarites umbilicalisMarsenina glabraVelutina velutina

## MOLLUSCA:Pelecypoda

Astarte borealisAstarte montaguī (f. warhami & striata)Crenella fabaHiatella arcticaMusculus discors (f. substriatus)Thyasira gouldi

## PORIFERA

Sponges

Table 47. Benthic invertebrates collected by hand and dredge from station 710,  
8 Sep 1955.

---

Species

---

ANNELIDA: Polychaeta

Pygospio elegans

ARTHROPODA: Amphipoda

Apherusa megalops (as Halirages)

Atylus carinatus

Gammarus oceanicus

Gammarus setosus

Monoculodes borealis

Monoculodes latimanus

Monoculopsis longicornis

Onisimus litoralis (as Pseudalibrotus)

Orchomene minuta (as Orchomenella)

Paroedicerus lynceus

Pontogeneia inermis

Weyprechtia pinguis

ARTHROPODA: Cirripedia

Balanus balanoides

Balanus balanus

ARTHROPODA: Isopoda

Mesidotea sabini

COELENTERATA: Anthozoa

Halocampa arctica ?

Tealia felina

MOLLUSCA: Gastropoda

Cylichna occulta

Margarites helycinus

Margarites umbilicalis

MOLLUSCA: Pelecypoda

Astarte borealis

Crenella faba

Hiatella arctica

Musculus discors (f. laevigatus & substriatus)

Mya truncata

Serripes groenlandicus

Table 48. Benthic invertebrates collected by dredge from station 711, 8 Sep 1955.

Species	Species
ARTHROPODA:Amphipoda	ECHINODERMATA:Ophiuroidea
<u>Erichthonius tolli</u>	<u>Amphiura sundevalli</u>
<u>Onisimus litoralis</u> (as <u>Pseudalibrotus</u> )	<u>Ophiacantha bidentata</u>
<u>Paramphithoe hystrix</u>	<u>Ophiocten sericeum</u>
<u>Stegocephalus inflatus</u>	<u>Ophiopus arcticus</u>
	<u>Ophiura sarsi</u>
ARTHROPODA:Cirripedia	MOLLUSCA:Gastropoda
<u>Balanus balanus</u>	<u>Admete couthouyi</u>
<u>Balanus crenatus</u>	<u>Boreotrophon fabricii</u>
ARTHROPODA:Cumacea	<u>Buccinum hydrophanum</u>
<u>Diastylis goodsiri</u>	<u>Buccinum sericatum</u>
<u>Diastylis scorpioides</u>	<u>Buccinum undatum</u>
<u>Diastylis spinulosa</u>	<u>Buccinum undatum belcheri</u>
ARTHROPODA:Isopoda	<u>Capulacmaea radiata</u>
<u>Arcturus baffini</u>	<u>Colus islandicus</u>
<u>Synidotea marmorata</u>	<u>Colus pubescens</u>
ARTHROPODA:Pycnogonida	<u>Cylichna alba</u>
<u>Boreonymphon abyssorum</u> (as <u>Nymphon robustum</u> )	<u>Lepeta caeca</u>
<u>Nymphon elegans</u>	<u>Littorina saxatilis</u>
<u>Nymphon hirtipes</u>	<u>Margarites costalis</u>
<u>Nymphon serratum</u>	<u>Margarites olivaceus</u>
BRACHIOPODA	<u>Margarites umbilicalis</u>
<u>Hemithyris psittacea</u>	<u>Onchidiopsis glacialis</u>
CHORDATA:Ascidiacea	<u>Tachyrhynchus reticulatus</u>
<u>Cnemidocarpa finmarkiensis</u>	<u>Trichotropis bicarinata</u>
ECHINODERMATA:Asteroidea	<u>Trichotropis borealis</u>
<u>Pteraster militaris</u>	<u>Velutina plicatilis</u>
<u>Pteraster pulvillus</u>	<u>Velutina undata</u>
<u>Solaster syrtensis</u>	<u>Velutina velutina</u>
ECHINODERMATA:Echinoidea	MOLLUSCA:Pelecypoda
<u>Strongylocentrotus droebachiensis</u>	<u>Astarte borealis</u> (f. <u>typica</u> & <u>placenta</u> )
ECHINODERMATA:Holothuroidea	<u>Astarte montagui</u> (f. <u>striata</u> )
<u>Psolus fabricii</u>	<u>Clinocardium ciliatum</u>
	<u>Hiatella arctica</u>
	<u>Macoma moesta</u>
	<u>Musculus discors</u> (f. <u>substriatus</u> )
	<u>Nuculana minuta</u>
	<u>Nuculana pernula</u> (f. <u>costigera</u> )
	<u>Pecten groenlandicus</u>



Table 49. Benthic invertebrates collected by dredge from station 712,  
10 Sep 1955.

---

Species

---

ARTHROPODA:Decapoda

Eualus gaimardi

Lebbeus microceros

Lebbeus polaris

ARTHROPODA:Isopoda

Arcturus baffini

ECHINODERMATA:Ophiuroidea

Ophiacantha bidentata

Ophiopus arcticus

Table 50. Benthic invertebrates collected by dredge from station 713, 12 Sep 1955.

Species	Species
ARTHROPODA: Polychaeta <u>Polychaetes</u>	ECHINODERMATA: Asteroidea <u>Henricia eschrichti</u> <u>Leptasterias groenlandica</u> <u>Stephanasterias albula</u>
ARTHROPODA: Amphipoda <u>Acanthonotozoma serratum</u> <u>Erichthonius tolli</u> <u>Orchomene macroserrata</u> <u>Socarnes vahli</u> <u>Stegocephalus inflatus</u> <u>Tryphosa marina</u>	ECHINODERMATA: Ophiuroidea <u>Ophiacantha bidentata</u> <u>Ophiopus arcticus</u>
ARTHROPODA: Cirripedia <u>Balanus balanoides</u> <u>Balanus crenatus</u>	ECTOPROCTA <u>Hippoporella hippopus</u> <u>Microporina articulata</u>
ARTHROPODA: Decapoda <u>Eualus gaimardi</u> <u>Eualus g. belcheri</u> <u>Lebbeus groenlandicus</u> <u>Lebbeus polaris</u> <u>Spirontocaris phippsi</u>	MOLLUSCA: Gastropoda <u>Boreotrophon fabricii</u> <u>Buccinum glaciale</u> (cf. <u>hancocki</u> ) <u>Lacuna glacialis</u> <u>Margarites umbilicalis</u> <u>Natica clausa</u> <u>Trichotropis borealis</u>
ARTHROPODA: Isopoda <u>Arcturus baffini</u>	MOLLUSCA: Pelecypoda <u>Astarte borealis</u> (f. <u>typica</u> ) <u>Musculus discors</u> (f. <u>laevigatus</u> & <u>substriatus</u> )
ARTHROPODA: Pycnogonida <u>Nymphon hirtipes</u>	
BRACHIOPODA <u>Hemithyris psittacea</u>	
CHORDATA: Ascidiacea <u>Ascidia callosa</u> <u>Ascidia sp.</u> <u>Boltenia echinata</u> <u>Boltenia ovifera</u> <u>Dendrodoa aggregata</u> <u>Molgula siphonalis</u> <u>Styela rustica</u>	
COELENTERATA: Anthozoa <u>Actinostola spetsbergensis</u>	

Table 51. Benthic invertebrates collected by dredge, hand, and from anchor from station 715, 18, 19, 21 Sep 1955; 15, 26 Aug 1956.

Species	Species
ARTHROPODA:Amphipoda	ECHINODERMATA:Asteroidea
<u>Acanthonotozoma inflatum</u>	<u>Henricia eschrichti</u>
<u>Aeginina longicornis</u>	<u>Leptasterias groenlandica</u>
<u>Anonyx lilljeborgi</u>	<u>Solaster papposus</u>
<u>Apherusa glacialis</u>	<u>Stephanasterias albula</u>
<u>Gammarus setosus</u>	ECHINODERMATA:Ophiuroidea
<u>Gammarus wilkitzkii</u>	<u>Ophiocten sericeum</u>
<u>Melita formosa</u>	ECTOPROCTA
<u>Monoculodes vibei</u>	<u>Myriapora subgracila</u>
<u>Oedicerus saginatus</u>	<u>Parasmittina jeffreysi</u>
<u>Onisimus litoralis</u> (as <u>Pseudalibrotus</u> )	MOLLUSCA:Gastropoda
<u>Onisimus nanseni</u> (as <u>Pseudalibrotus</u> )	<u>Admete couthouyi</u>
<u>Orchomene macroserrata</u>	<u>Boreotrophon truncatus</u>
<u>Orchomene pinguis</u>	<u>Buccinum glaciale</u>
<u>Paroedicerus lynceus</u>	<u>Buccinum glaciale</u> (cf. <u>hancocki</u> )
<u>Pleustes panoplus</u>	<u>Buccinum hydrophanum</u>
<u>Rhachotropis oculata</u>	<u>Buccinum scalariforme</u> (as <u>B. tenue</u> )
<u>Socarnes bidenticulatus</u>	<u>Buccinum totteni</u>
<u>Stegocephalus inflatus</u>	<u>Colus islandicus</u>
<u>Westwoodilla megalops</u>	<u>Colus spitzbergensis</u>
ARTHROPODA:Cumacea	<u>Cylichna alba</u>
<u>Diastylis rathkei</u>	<u>Diaphana minuta</u>
ARTHROPODA:Decapoda	<u>Margarites costalis</u>
<u>Argis dentata</u>	<u>Margarites olivaceus</u>
<u>Eualus fabricii</u>	<u>Margarites umbilicalis</u>
<u>Eualus gaimardi</u>	<u>Oenopota arctica</u>
<u>Eualus g. belcheri</u>	<u>Oenopota bicarinata</u>
<u>Pagurus pubescens</u>	<u>Oenopota incisula</u>
<u>Sclerocrangon boreas</u>	<u>Oenopota pyramidalis</u>
<u>Spirontocaris phippsi</u>	<u>Oenopota turricula</u>
<u>Spirontocaris spinus</u>	<u>Trichotropis borealis</u>
ARTHROPODA:Isopoda	<u>Velutina undata</u>
<u>Arcturus baffini</u>	<u>Velutina velutina</u>
<u>Mesidotea sabini</u>	<u>Volutopsius norvegicus</u>
CHORDATA:Ascidiacea	MOLLUSCA:Pelecypoda
<u>Boltenia echinata</u>	<u>Astarte montagui</u> (f. <u>striata</u>
<u>Dendrodoa aggregata</u>	& <u>fabula</u> )
<u>Halocynthia pyriformis</u>	<u>Clinocardium ciliatum</u>
<u>Molgula siphonalis</u>	<u>Hiatella arctica</u>
<u>Pelonaia corrugata</u>	<u>Macoma calcarea</u>
<u>Styela coriacea</u>	<u>Musculus discors</u> (f. <u>laevigatus</u>
	& <u>substriatus</u> )

Table 51. Continued.

---

Species

---

MOLLUSCA: Pelecypoda

Nucula belloti

Nuculana minuta

Nuculana pernula (f. costigera)

Portlandia arctica (f. siliqua)

Serripes groenlandicus

Yoldia h. hyperborea

Table 52. Benthic invertebrates collected by dredge and net from station 716, 19 Sep 1955.

Species	Species
ANNELIDA: Polychaeta	ECHINODERMATA: Ophiuroidea
<u>Pectinaria hyperborea</u>	<u>Amphiura sundevalli</u>
<u>Polydora</u> sp.	<u>Ophiacantha bidentata</u>
	<u>Ophiocten sericeum</u>
	<u>Stegophiura nodosa</u>
ARTHROPODA: Amphipoda	MOLLUSCA: Gastropoda
<u>Anonyx nugax</u>	<u>Beringius ossiani</u>
<u>Atylus smitti</u>	<u>Buccinum hydrophanum</u>
<u>Haploops setosa</u>	<u>Buccinum scalariforme</u> (as <u>B. tenue</u> )
<u>Paronesimus barentsi</u>	<u>Buccinum totteni</u>
<u>Socarnes bidentatus</u>	<u>Buccinum undatum</u>
<u>Stegocephalus inflatus</u>	<u>Colus islandicus</u>
ARTHROPODA: Cirripedia	<u>Lepeta caeca</u>
<u>Balanus balanus</u>	<u>Margarites costalis</u>
<u>Balanus crenatus</u> ?	<u>Margarites helycinus</u>
ARTHROPODA: Decapoda	<u>Margarites umbilicalis</u>
<u>Pagurus pubescens</u>	<u>Neptunea despecta</u>
ARTHROPODA: Isopoda	<u>Trichotropis borealis</u>
<u>Arcturus baffini</u>	<u>Velutina plicatilis</u>
	<u>Velutina undata</u>
	<u>Velutina velutina</u>
	<u>Volutopsius norvegicus</u>
ARTHROPODA: Pycnogonida	MOLLUSCA: Pelecypoda
<u>Nymphon grossipes</u>	<u>Astarte borealis</u> (f. <u>typica</u>
<u>Nymphon hirtipes</u>	& <u>placenta</u> )
BRACHIOPODA	<u>Astarte montagui</u> (f. <u>warhami</u> )
<u>Atretia gnomon</u>	<u>Hiatella arctica</u>
<u>Hemithyris psittacea</u>	<u>Macoma calcarea</u>
CHORDATA: Ascidiacea	<u>Musculus discors</u> (f. <u>laevigatus</u> )
<u>Polycitor vitreus</u> ?	<u>Mya truncata</u>
	<u>Nucula belloti</u>
ECHINODERMATA: Asteroidea	<u>Nuculana minuta</u>
<u>Henricia eschrichti</u>	<u>Nuculana pernula</u> (f. <u>costigera</u> )
<u>Leptasterias groenlandica</u>	<u>Portlandia arctica</u> (f. <u>siliqua</u> )
<u>Pteraster militaris</u>	<u>Serripes groenlandicus</u>
<u>Pteraster obscurus</u>	
ECHINODERMATA: Holothuroidea	NEMERTINA
<u>Cucumaria frondosa</u>	Nemertean
<u>Psolus fabricii</u>	
<u>Psolus phantapus</u>	PORIFERA
<u>Thyonidium</u> sp.	Sponges

Table 53. Benthic invertebrates collected by dredge from station 718, 25 Sep 1955.

---

Species

---

ANNELIDA: Polychaeta  
Ammotrypane aulogaster

ARTHROPODA: Amphipoda  
 \* Acanthostepheia malmgreni  
Anonyx nugax  
Socarnes bidenticulatus  
Stegocephalus inflatus

ARTHROPODA: Isopoda  
Arcturus baffini  
Mesidotea sabini

ARTHROPODA: Pycnogonida  
Nymphon hirtipes

ECHINODERMATA: Asteroidea  
Solaster syrtensis

ECHINODERMATA: Ophiuroidea  
Ophiacantha bidentata  
Ophiocten sericeum  
Stegophiura nodosa

MOLLUSCA: Cephalopoda  
Rossia molleri

MOLLUSCA: Gastropoda  
Admete couthouyi  
Buccinum hydrophanum  
Colus islandicus  
Colus tortuosus  
Neptunea despecta

MOLLUSCA: Pelecypoda  
Clinocardium ciliatum  
Hiatella arctica  
Macoma calcarea  
Musculus discors (f. laevigatus & substriatus)  
Musculus niger  
Nucula belloti  
Nuculana pernula  
Portlandia arctica (f. siliqua)  
Serripes groenlandicus  
Yoldia h. hyperborea

\* Anonyx makarovi

Table 54. Benthic invertebrates collected by grab, dredge, and line from station 719, 29 Sep 1955 to 13 Sep 1956.

Species	Species
ANNELIDA: Polychaeta	CHORDATA: Ascidiacea
<u>Pectinaria hyperborea</u>	<u>Styela rustica</u>
<u>Polydora</u> sp.	
ARTHROPODA: Amphipoda	ECHINODERMATA: Asteroidea
<u>Aeginina longicornis</u>	<u>Leptasterias groenlandica</u>
<u>Ampelisca eschrichti</u>	ECHINODERMATA: Holothuroidea
* <u>Anonyx lilljeborgi</u>	<u>Psolus phantapus</u>
<u>Anonyx nugax</u>	ECHINODERMATA: Ophiuroidea
<u>Byblis gaimardi</u>	<u>Amphiura sundevalli</u>
<u>Centromedon pumilus</u>	<u>Ophiacantha bidentata</u>
<u>Haploops setosa</u>	<u>Ophiocten sericeum</u>
<u>Haploops tubicola</u>	<u>Stegophiura nodosa</u>
<u>Monoculodes latimanus</u>	
<u>Pleustes medius</u>	ECTOPROCTA
<u>Pleustes panoplus</u>	<u>Myriapora subgracila</u>
<u>Pontoporeia femorata</u>	<u>Tricellaria peachi</u>
<u>Rhachotropis aculeata</u>	
<u>Socarnes bidenticulatus</u>	MOLLUSCA: Gastropoda
<u>Stegocephalus inflatus</u>	<u>Buccinum hydrophanum</u>
ARTHROPODA: Cirripedia	<u>Colus islandicus</u>
<u>Balanus balanus</u>	<u>Colus pubescens</u>
ARTHROPODA: Decapoda	<u>Colus tortuosus</u>
<u>Argis dentata</u>	<u>Cylichna alba</u>
<u>Eualus gaimardi</u>	<u>Lepeta caeca</u>
<u>Eualus g. belcheri</u>	<u>Lunatia pallida</u>
<u>Lebbeus polaris</u>	<u>Margarites olivaceus</u>
<u>Pagurus pubescens</u>	<u>Margarites umbilicalis</u>
<u>Sabinea septemcarinata</u>	<u>Neptunea despecta</u>
<u>Spirontocaris spinus</u>	<u>Oenopota incisula</u>
ARTHROPODA: Isopoda	<u>Trichotropis borealis</u>
<u>Arcturus baffini</u>	<u>Volutopsius norvegicus</u>
<u>Mesidotea sabini</u>	MOLLUSCA: Pelecypoda
<u>Munnopsis typica</u>	<u>Astarte borealis</u> (f. <u>placenta</u> )
<u>Synidotea marmorata</u>	<u>Astarte montaguï</u> (f. <u>warhami</u> & <u>striata</u> )
ARTHROPODA: Pycnogonida	<u>Clinocardium ciliatum</u>
<u>Nymphon megalops</u>	<u>Hiatella arctica</u>
BRACHIOPODA	<u>Lyonsia arenosa</u>
<u>Atretia gnomon</u>	<u>Macoma calcarea</u>
<u>Hemithyris psittacea</u>	<u>Macoma torelli</u>
	<u>Musculus corrugatus</u>
	<u>Musculus discors</u> (f. <u>laevigatus</u> & <u>substriatus</u> )
* <u>Anonyx makarovi</u>	

Table 54. Continued.

---

Species

---

MOLLUSCA: Pelecypoda

Musculus niger

Mya truncata

Nucula belloti

Nuculana minuta

Nuculana pernula (f. costigera)

Portlandia arctica (f. siliqua)

Serripes groenlandicus

Thyasira gouldi

Yoldia h. hyperborea



Table 55. Benthic invertebrates collected by hand and net from station 720, 29 Sep, 10 and 16 Oct 1955.

Species	Species
ANNELIDA:Hirudinea	MOLLUSCA:Gastropoda
<u>Leeches</u>	<u>Buccinum cyaneum</u>
	<u>Buccinum undatum</u>
ANNELIDA:Polychaeta	<u>Cylichna alba</u>
<u>Eteone longa</u>	<u>Cylichna occulta</u>
	<u>Lunatia pallida</u>
ARTHROPODA:Amphipoda	<u>Margarites helacinus</u>
<u>Anonyx nugax</u>	<u>Margarites olivaceus</u>
<u>Apherusa glacialis</u>	<u>Margarites umbilicalis</u>
<u>Apherusa megalops</u> (as <u>Halirages</u> )	<u>Oenopota bicarinata</u>
<u>Atylus carinatus</u>	<u>Trichotropis borealis</u>
<u>Boeckosimus plautus</u> (as <u>Onisimus</u> )	MOLLUSCA:Pelecypoda
<u>Gammaracanthus loricatus</u>	<u>Axinopsida orbiculata</u>
<u>Gammarus setosus</u>	<u>Mya truncata</u>
<u>Gammarus wilkitzkii</u>	<u>Serripes groenlandicus</u>
<u>Halirages nilssoni</u>	<u>Thyasira gouldi</u>
<u>Ischyrocerus anguipes</u>	
<u>Melita formosa</u>	
<u>Metopella carinata</u>	
<u>Onisimus litoralis</u> (as <u>Pseudalibrotus</u> )	
<u>Orchomene minuta</u> (as <u>Orchomenella</u> )	
<u>Orchomene pinguis</u> (as <u>Orchomenella</u> )	
<u>Parapleustes bicuspis</u>	
<u>Parapleustes gracilis</u>	
<u>Paroedicerus lynceus</u>	
<u>Pontogeneia inermis</u>	
<u>Pontoporeia femorata</u>	
<u>Weyprechtia pinguis</u>	
ARTHROPODA:Decapoda	
<u>Eualus fabricii</u>	
<u>Lebbeus groenlandicus</u>	
<u>Lebbeus polaris</u>	
CHORDATA:Ascidiacea	
<u>Rhizomolgula globularis</u>	
COELENTERATA:Anthozoa	
<u>Tealia felina</u>	
ECHINODERMATA:Asteroidea	
<u>Leptasterias groenlandica</u>	
ECHINODERMATA:Echinoidea	
<u>Strongylocentrotus droebachiensis</u>	

Table 56. Benthic invertebrates collected by dredge and net from station 722, 29 Sep 1955.

Species	Species
ANNELIDA: Polychaeta	ECHINODERMATA: Asteroidea
<u>Chone</u> sp.	<u>Henricia eschrichti</u>
<u>Polydora caeca</u>	ECHINODERMATA: Holothuroidea
ARTHROPODA: Amphipoda	<u>Thyonidium</u> sp.
<u>Acanthonotozoma cristatum</u>	ECHINODERMATA: Ophiuroidea
<u>Ampelisca eschrichti</u>	<u>Ophiacantha bidentata</u>
<u>Anonyx nugax</u>	<u>Ophiocten sericeum</u>
<u>Haploops tubicola</u>	<u>Ophiopus arcticus</u>
<u>Rhachotropis aculeata</u>	<u>Stegophiura nodosa</u>
<u>Socarnes bidentatus</u>	ECTOPROCTA
<u>Stegocephalus inflatus</u>	<u>Myriapora subgracila</u>
<u>Tryphosa marina</u>	<u>Parasmittina jeffreysi</u>
ARTHROPODA: Cirripedia	MOLLUSCA: Gastropoda
<u>Balanus balanus</u>	<u>Buccinum hydrophanum</u>
ARTHROPODA: Decapoda	<u>Buccinum undatum</u>
<u>Eualus gaimardi</u>	<u>Capulacmaea radiata</u>
<u>Eualus gaimardi belcheri</u>	<u>Colus pubescens</u>
<u>Sabinea septemcarinata</u>	<u>Colus tortuosus</u>
<u>Spirontocaris spinus</u>	<u>Lunatia pallida</u>
ARTHROPODA: Isopoda	<u>Margarites costalis</u>
<u>Arcturus baffini</u>	<u>Margarites olivaceus</u>
<u>Mesidotea sabini</u>	<u>Margarites umbilicalis</u>
<u>Synidotea marmorata</u>	<u>Neptunea despecta</u>
ARTHROPODA: Pycnogonida	<u>Oenopota bicarinata</u>
<u>Nymphon brevitarse</u>	<u>Onchidiopsis glacialis</u>
<u>Nymphon hirtipes</u>	<u>Tachyrhynchus reticulatus</u>
BRACHIOPODA	<u>Trichotropis borealis</u>
<u>Hemithyris psittacea</u>	<u>Velutina plicatilis</u>
CHORDATA: Ascidiacea	<u>Velutina undata</u>
<u>Ascidia callosa</u>	<u>Volutopsius norvegicus</u>
<u>Ascidia prunum</u>	MOLLUSCA: Pelecypoda
<u>Boltenia echinata</u>	<u>Astarte borealis</u> (f. <u>typica</u> )
<u>Molgula siphonalis</u>	<u>Clinocardium ciliatum</u>
<u>Styela rustica</u>	<u>Hiatella arctica</u>
COELENTERATA: Hydrozoa	<u>Macoma calcarea</u>
<u>Sertularia schmidti</u>	<u>Macoma moesta</u>
	<u>Musculus corrugatus</u>
	<u>Musculus discors</u> (f. <u>laevigatus</u> & <u>substriatus</u> )

Table 56. Continued.

---

Species

---

MOLLUSCA: Pelecypoda

Mya truncata

Nucula belloti

Nuculana pennula (f. costigera)

Serripes groenlandicus

Yoldia h. hyperborea

Table 57. Benthic invertebrates collected by dredge, net, grab, and trap from station 723, 26 Oct 1955 - 4 Sep 1956.

Species	Species
ANNELIDA: Polychaeta	ARTHROPODA: Pycnogonida
<u>Antinoella sarsi</u>	<u>Nymphon hirtipes</u>
<u>Tharyx acutus</u>	<u>Pseudopallene circularis</u>
ARTHROPODA: Amphipoda	CHORDATA: Ascidiacea
<u>Aceroides latipes</u>	<u>Ascidia callosa</u>
<u>Anonyx nugax</u>	<u>Boltenia echinata</u>
<u>Apherusa megalops</u> (as <u>Halirages</u> )	<u>Boltenia ovifera</u>
<u>Atylus carinatus</u>	<u>Molgula griffithsi</u>
<u>Centromedon pumilus</u>	COELENTERATA: Anthozoa
<u>Gammarus wilkitzkii</u>	<u>Hormathia nodosa</u>
<u>Halirages nilsseni</u>	COELENTERATA: Hydrozoa
<u>Melita formosa</u>	<u>Opercularella lacerata</u>
<u>Melita quadrispinosa</u>	ECHINODERMATA: Asteroidea
<u>Monoculodes zernovi</u>	<u>Henricia eschrichti</u>
<u>Onisimus nanseni</u> (as <u>Pseudalibrotus</u> )	<u>Leptasterias groenlandica</u>
<u>Orchomene macroserrata</u>	<u>Solaster papposus</u>
<u>Paroediceros lynceus</u>	<u>Stephanasterias albula</u>
<u>Pontoporeia femorata</u>	ECHINODERMATA: Echinoidea
<u>Socarnes bidenticulatus</u>	<u>Strongylocentrotus droebachiensis</u>
<u>Socarnes vahli</u>	ECHINODERMATA: Holothuroidea
<u>Stegocephalus inflatus</u>	<u>Psolus fabricii</u>
<u>Tryphosa marina</u>	ECHINODERMATA: Ophiuroidea
<u>Weyprechtia pinguis</u>	<u>Amphiura sundevalli</u>
ARTHROPODA: Cumacea	<u>Ophiacantha bidentata</u>
<u>Diastylis rathkei</u>	<u>Ophiopus arcticus</u>
<u>Leucon</u> sp.	<u>Stegophiura nodosa</u>
ARTHROPODA: Decapoda	ECTOPROCTA
<u>Eualus fabricii</u>	<u>Cribrilina annulata</u>
<u>Eualus gaimardi</u>	<u>Escharella ventricosa</u>
<u>Eualus g. belcheri</u>	<u>Hincksina nigrans</u>
<u>Lebbeus polaris</u>	<u>Hippothoa hyalina</u>
<u>Pagurus pubescens</u>	<u>Membranipora serrulata</u>
<u>Spirontocaris phippii</u>	<u>Rhamphostomella hincksi</u>
<u>Spirontocaris spinus</u>	<u>Scrupocellaria scabra</u>
ARTHROPODA: Isopoda	<u>Tegella arctica</u>
<u>Arcturus baffini</u>	<u>Umbonula arctica</u>
<u>Janira tricornis</u>	
<u>Mesidotea sabini</u>	
ARTHROPODA: Nebaliacea	
<u>Nebalia bipes</u>	

Table 57. Continued.

---

Species

---

## MOLLUSCA:Amphineura

Ischnochiton albus (as Lophyrochiton)

## MOLLUSCA:Gastropoda

Acmaea rubellaCyclichna albaMargarites helycinusMargarites olivaceusMargarites vahliOenopota bicarinataOnchidiopsis glacialisOnchidiopsis kingmaruensisPuncturella noachinaTrichotropis borealis

## MOLLUSCA:Pelecypoda

Astarte borealis (f. placenta & typica)Astarte montagui (f. warhami & fabula)Hiatella arcticaMacoma calcareaMacoma moestaMusculus discors (f. laevigatus & substriatus)Musculus nigerMya truncataNucula bellotiNuculana pernulaPortlandia arctica (f. siliqua)Serripes groenlandicusYoldia h. hyperborea

## PRIAPULIDA

Priapulus caudatus

Table 58. Benthic invertebrates collected by dredge from station 801, 7 Jun 1956.

---

Species

---

ANNELIDA:Hirudinea  
Leeches

ARTHROPODA:Amphipoda  
Apherusa megalops (as Halirages)  
Boeckosimus edwardsi (as Onisimus)  
Ischyrocerus latipes  
Parapleustes ramyslovi

ECHINODERMATA:Asteroidea  
Stephanasterias albula

MOLLUSCA:Gastropoda  
Margarites helicinus

Table 59. Benthic invertebrates collected by anchor from station 805, 5 Aug 1956.

---

Species

---

ECTOPROCTA  
Hippothoa hyalina  
Microporina articulata  
Tegella arctica

MOLLUSCA:Gastropoda  
Acmaea rubella

Table 60. Benthic invertebrates collected by net from station 806, 8 Aug 1956.

---

Species

---

ARTHROPODA: Amphipoda

Atylus carinatusGammaracanthus loricatusGammarus setosusWeyprechtia pinguis

ECHINODERMATA: Ophiuroidea

Stegophiura nodosa

Table 61. Benthic invertebrates collected by net from station 808, 16 Aug 1956.

---

Species

ARTHROPODA: Amphipoda

Anonyx nugaxStegocephalus inflatus

ARTHROPODA: Isopoda

Arcturus baffini

BRACHIOPODA

Hemithyris psittacea

ECHINODERMATA: Ophiuroidea

Ophiocten sericeumStegophiura nodosa


---

Species

---

ECTOPROCTA

Cystisella saccata

MOLLUSCA: Gastropoda

Cylichna occulta

MOLLUSCA: Pelecypoda

Astarte montagui (f. warhami)Hiatella arcticaMacoma calcareaMusculus discors (f. laevigatus  
& substriatus)Nucula bellotiPortlandia arctica (f. siliqua)Yoldia h. hyperborea

Table 62. Benthic invertebrates collected by hand and line from station 809,  
16 Aug 1956.

---

Species

---

ARTHROPODA: Amphipoda

Anonyx lilljeborgi

Gammarus oceanicus

Gammarus setosus

Onisimus litoralis

Westwoodilla brevicar

MOLLUSCA: Pelecypoda

Astarte borealis

Astarte montagui



Table 63. Benthic invertebrates collected by dredge and net from station 811, 17 Aug 1956.

Species	Species
ANNELIDA: Polychaeta	ARTHROPODA: Decapoda
<u>Chaetozone</u> sp.	<u>Eualus gaimardi</u>
<u>Chone</u> sp.	<u>Lebbeus groenlandicus</u>
<u>Euchone analis</u>	<u>Lebbeus polaris</u>
<u>Flabelligera affinis</u>	<u>Pagurus pubescens</u>
<u>Gattyana cirrosa</u>	<u>Sabinea septemcarinata</u>
<u>Harmothoe extenuata</u>	<u>Sclerocrangon boreas</u>
<u>Harmothoe imbricata</u>	<u>Spirontocaris phippi</u>
<u>Harmothoe nodosa</u>	<u>Spirontocaris spinus</u>
<u>Lanassa venusta</u>	
<u>Nereimyra aphroditoides</u>	ARTHROPODA: Isopoda
<u>Onuphis conchylega</u>	<u>Arcturus baffini</u>
<u>Pionosyllis compacta</u>	
<u>Polydora</u> sp.	ARTHROPODA: Ostracoda
	<u>Philomedes globosus</u>
ARTHROPODA: Amphipoda	
<u>Acanthonotozoma cristatum</u>	ARTHROPODA: Pycnogonida
<u>Acanthonotozoma inflatum</u>	<u>Boreonymphon robustum</u> (as <u>Nymphon</u> )
<u>Aeginina longicornis</u>	<u>Nymphon brevitarse</u>
<u>Ampelisca eschrichti</u>	<u>Nymphon hirtipes</u>
<u>Anonyx nugax</u>	<u>Nymphon longitarse</u>
<u>Aristias tumidus</u>	<u>Nymphon microrhynchum</u>
<u>Byblis gaimardi</u>	<u>Nymphon serratum</u>
<u>Eusirus cuspidatus</u>	
<u>Gammarus wilkitzkii</u>	ASCHELMINTHES: Nematoda
<u>Haploops setosa</u>	Nematodes
<u>Ischyrocerus</u> sp.	
<u>Melphidippa goesi</u>	BRACHIOPODA
<u>Monoculodes boeckii</u>	<u>Atretia gnomon</u>
<u>Monoculodes simplex</u>	<u>Hemithyris psittacea</u>
<u>Onisimus nansenii</u> (as <u>Pseudalibrotus</u> )	
<u>Paramphithoe hystrix</u>	CHORDATA: Ascidiacea
<u>Pardalisca cuspidata</u>	<u>Didemnum albidum</u>
<u>Rhachotropis oculata</u>	<u>Lissoclinum aureum</u>
<u>Sivladia arctica</u>	<u>Molgula griffithsi</u>
<u>Socarnes bidenticulatus</u>	<u>Synoicum pulmonaria</u>
<u>Stegocephalus inflatus</u>	
<u>Stenopleustes olriki</u> (as <u>Sympleustes</u> )	COELENTERATA: Anthozoa
<u>Syrrhoe crenulata</u>	<u>Actinostola spetsbergensis</u>
	<u>Drifa glomerata</u>
ARTHROPODA: Cirripedia	<u>Hormathia nodosa</u>
<u>Balanus balanus</u>	<u>Metridium senile</u> ?
<u>Balanus crenatus</u>	
ARTHROPODA: Cumacea	
<u>Leptostylis ampullacea</u>	

Table 63. Continued.

Species	Species
COELENTERATA:Hydrozoa	ECTOPROCTA
<u>Calycella syringa</u>	<u>Cystisella saccata</u>
<u>Campanularia integra</u>	<u>Membranipora serrulata</u>
<u>Cuspidella humilis</u>	<u>Myriapora subgracila</u>
<u>Cuspidella procumbens</u>	<u>Parasmittina jeffreysi</u>
<u>Eudendrium rameum</u>	<u>Posterula sarsi</u>
<u>Filellum serpens</u>	<u>Schismopora nodulosa</u>
<u>Grammaria abietina</u>	
<u>Grammaria immersa</u>	MOLLUSCA:Gastropoda
<u>Halecium speciosum</u>	<u>Admete couthouyi</u>
<u>Lafoea gracillima</u>	<u>Boreotrophon fabricii</u>
<u>Sertularia schmidti</u>	<u>Buccinum glaciale</u> (cf. <u>hancocki</u> )
<u>Sertularia similis</u>	<u>Buccinum undatum</u>
<u>Sertularia tenera</u>	<u>Capulacmaea radiata</u>
	<u>Lepeta caeca</u>
ECHINODERMATA:Asteroidea	<u>Lunatia pallida</u>
<u>Henricia eschrichti</u>	<u>Margarites costalis</u>
<u>Lophaster furcifer</u>	<u>Margarites olivaceus</u>
<u>Solaster endeca</u>	<u>Tachyrhynchus reticulatus</u>
<u>Solaster papposus</u>	<u>Trichotropis borealis</u>
<u>Solaster syrtensis</u>	<u>Velutina plicatilis</u>
ECHINODERMATA:Crinoidea	MOLLUSCA:Pelecypoda
<u>Helioetra glacialis</u>	<u>Astarte borealis</u> (f. <u>typica</u> )
	<u>Astarte montagui</u> (f. <u>warhami</u> )
ECHINODERMATA:Echinoidea	<u>Clinocardium ciliatum</u>
<u>Strongylocentrotus droebachiensis</u>	<u>Hiatella arctica</u>
	<u>Macoma calcarea</u>
ECHINODERMATA:Holothuroidea	<u>Musculus discors</u> (f. <u>laevigatus</u> & <u>substriatus</u> )
<u>Cucumaria calcigera</u>	<u>Musculus niger</u>
<u>Cucumaria frondosa</u>	<u>Mya truncata</u>
<u>Myriotrochus rinki</u>	<u>Nucula belloti</u>
<u>Psolus fabricii</u>	<u>Thyasira gouldi</u>
<u>Psolus phantapus</u>	
	PORIFERA
ECHINODERMATA:Ophiuroidea	Sponges
<u>Amphiura sundevalli</u>	
<u>Ophiacantha bidentata</u>	
<u>Ophiocten sericeum</u>	
<u>Ophiopus arcticus</u>	

Table 64. Benthic invertebrates collected by dredge from station 815, 18 Aug 1956.

Species	Species
ARTHROPODA: Amphipoda	MOLLUSCA: Gastropoda
<u>Aeginina longicornis</u>	<u>Boreotrophon fabricii</u>
ARTHROPODA: Isopoda	<u>Boreotrophon truncatus</u>
<u>Arcturus baffini</u>	<u>Buccinum hydrophanum</u>
ARTHROPODA: Pycnogonida	<u>Lepeta caeca</u>
<u>Nymphon hirtipes</u>	<u>Margarites costalis</u>
<u>Nymphon megalops</u>	<u>Oenopota declivis</u>
<u>Nymphon stromi</u>	<u>Trichotropis borealis</u>
BRACHIOPODA	<u>Velutina plicatilis</u>
<u>Hemithyris psittacea</u>	MOLLUSCA: Pelecypoda
COELENTERATA: Hydrozoa	<u>Hiatella arctica</u>
<u>Thuiaria thuja</u>	<u>Musculus discors</u> (f. <u>laevigatus</u> )
ECHINODERMATA: Asteroidea	<u>Nucula belloti</u>
<u>Lophaster furcifer</u>	<u>Nuculana pernula</u> (f. <u>costigera</u> )
ECHINODERMATA: Holothuroidea	<u>Pandora glacialis</u>
<u>Cucumaria frondosa</u>	<u>Pecten groenlandicus</u>
<u>Psolus fabricii</u>	<u>Yoldia h. hyperborea</u>
ECHINODERMATA: Ophiuroidea	
<u>Amphiura sundevalli</u>	
<u>Ophiacantha bidentata</u>	
<u>Ophiocten sericeum</u>	
<u>Ophiopus arcticus</u>	
<u>Ophiura sarsi</u>	
ECTOPROCTA	
<u>Celleporina surcularis</u>	
<u>Cystisella saccata</u>	
<u>Eucratea loricata</u>	
<u>Myriapora subgracila</u>	
<u>Porella compressa</u>	
MOLLUSCA: Cephalopoda	
<u>Rossia molleri</u>	

Table 65. Benthic invertebrates collected by grab from station 816, 18 Aug 1956.

## Species

ARTHROPODA:Pycnogonida  
Boreonymphon robustum (as Nymphon)

ECHINODERMATA:Ophiuroidea  
Ophiopus arcticus

Table 66. Benthic invertebrates collected by trawl from station 817, 24 Aug 1956.

## Species

ANNELIDA:Hirudinea  
 Leeches

ARTHROPODA:Amphipoda  
Gammaracanthus loricatus  
Gammarus wilkitzkii  
Halirages nilssoni  
Ischyrocerus anguipes  
Orchomene minuta (as Orchomenella)  
Stegocephalus inflatus

ARTHROPODA:Cirripedia  
Balanus balanus

ARTHROPODA:Decapoda  
Eualus gaimardi  
Lebbeus polaris  
Pagurus pubescens  
Sclerocrangon boreas  
Spirontocaris phippi  
Spirontocaris spinus

ARTHROPODA:Isopoda  
Janira tricornis

CHORDATA:Ascidiacea  
Boltenia echinata  
Dendrodoa aggregata

## Species

ECHINODERMATA:Asteroidea  
Henricia eschrichti  
Leptasterias groenlandica

MOLLUSCA:Gastropoda  
Buccinum glaciale (cf. hancocki)  
Buccinum hydrophanum  
Dendronotus frondosus  
Margarites costalis  
Margarites helacinus  
Margarites olivaceus  
Oenopota bicarinata  
Onchidiopsis glacialis  
Trichotropis borealis  
Velutina velutina

MOLLUSCA:Pelecypoda  
Musculus discors (f. laevigatus)

Table 67. Benthic invertebrates collected by dredge from station 818, 26 Aug 1956.

Species	Species
ANNELIDA: Polychaeta	ECHINODERMATA: Asteroidea
<u>Chaetozone setosa</u>	<u>Ctenodiscus crispatus</u>
<u>Euchone papillosa</u>	<u>Henricia eschrichti</u>
<u>Nereis pelagica</u>	<u>Leptasterias groenlandica</u>
<u>Polydora caeca</u>	<u>Leptasterias polaris</u>
	<u>Pteraster militaris</u>
ARTHROPODA: Amphipoda	<u>Pteraster obscurus</u>
<u>Acanthonotozoma cristatum</u>	ECHINODERMATA: Echinoidea
<u>Aeginina longicornis</u>	<u>Strongylocentrotus droebachiensis</u>
<u>Ampelisca eschrichti</u>	
* <u>Anonyx nugax</u>	ECHINODERMATA: Holothuroidea
<u>Atylus smitti</u>	<u>Cucumaria frondosa</u>
<u>Haploops setosa</u>	<u>Myriotrochus rinki</u>
<u>Haploops tubicola</u>	<u>Psolus fabricii</u>
<u>Paramphithoe hystrix</u>	
<u>Paronesimus barentsi</u>	ECHINODERMATA: Ophiuroidea
<u>Pleustes panoplus</u>	<u>Amphiura sundevalli</u>
<u>Socarnes bidenticulatus</u>	<u>Gorgonocephalus arcticus</u>
	<u>Ophiacantha bidentata</u>
ARTHROPODA: Decapoda	<u>Ophiocten sericeum</u>
<u>Argis dentata</u>	<u>Stegophiura nodosa</u>
<u>Eualus gaimardi</u>	
<u>Lebbeus polaris</u>	ECTOPROCTA
<u>Pagurus pubescens</u>	<u>Celleporina surcularis</u>
<u>Spirontocaris phippii</u>	<u>Cystisella saccata</u>
<u>Spirontocaris spinus</u>	<u>Hippoporina propinqua</u>
	<u>Myriapora subgracila</u>
ARTHROPODA: Isopoda	
<u>Arcturus baffini</u>	MOLLUSCA: Gastropoda
	<u>Buccinum sericatum</u>
ARTHROPODA: Pycnogonida	<u>Buccinum scalariforme</u> (as <u>B. tenue</u> )
<u>Colossendeis proboscidea</u>	<u>Buccinum totteni</u>
<u>Nymphon hirtipes</u>	<u>Buccinum undatum</u>
<u>Nymphon megalops</u>	<u>Colus tortuosus</u>
<u>Boreonymphon robustum</u> (as <u>Nymphon</u> )	<u>Margarites costalis</u>
	<u>Margarites umbilicalis</u>
ASCHELMINTHES: Nematoda	<u>Oenopota turricula</u>
Nematodes	<u>Trichotropis borealis</u>
BRACHIOPODA	
<u>Atretia gnomon</u>	
<u>Hemithyris psittacea</u>	

\* Anonyx makarovi

Table 67. Continued.

---

Species

---

## MOLLUSCA: Pelecypoda

Astarte montagui (f. warhami)Clinocardium ciliatumHiatella arcticaMacoma calcareaMusculus discors (f. laevigatus  
& substriatus)Musculus nigerNucula bellottiNuculana minutaNuculana pernula (f. costigera)

## PORIFERA

Sponges

Table 68. Benthic invertebrates collected by dredge from station 820, 28 Aug 1956.

Species	Species
ARTHROPODA: Amphipoda	MOLLUSCA: Gastropoda
<u>Acanthostephea malmgreni</u>	<u>Buccinum hydrophanum</u>
<u>Aeginina longicornis</u>	<u>Lunatia pallida</u>
<u>Anonyx nugax</u>	<u>Margarites costalis</u>
<u>Metopa glacialis</u>	MOLLUSCA: Pelecypoda
<u>Socarnes bidenticulatus</u>	<u>Hiatella arctica</u>
<u>Stegocephalus inflatus</u>	<u>Macoma calcarea</u>
<u>Unciola leucopsis</u>	<u>Macoma moesta</u>
ARTHROPODA: Decapoda	<u>Musculus corrugatus</u>
<u>Eualus gaimardi</u>	<u>Musculus discors</u> (f. <u>laevigatus</u> & <u>substriatus</u> )
<u>Pagurus pubescens</u>	<u>Nucula belloti</u>
<u>Sabinea septemcarinata</u>	<u>Portlandia arctica</u> (f. <u>siliqua</u> )
<u>Spirontocaris spinus</u>	
ARTHROPODA: Isopoda	
<u>Arcturus baffini</u>	
<u>Mesidotea sabini</u>	
<u>Munnopsis typica</u>	
ARTHROPODA: Pycnogonida	
<u>Boreonymphon robustum</u> (as <u>Nymphon</u> )	
<u>Nymphon hirtipes</u>	
BRACHIOPODA	
<u>Hemithyris psittacea</u>	
COELENTERATA: Anthozoa	
<u>Hormathia nodosa</u>	
COELENTERATA: Hydrozoa	
<u>Lafoea gracillima</u>	
ECHINODERMATA: Asteroidea	
<u>Henricia eschrichti</u>	
ECHINODERMATA: Ophiuroidea	
<u>Ophiocten sericeum</u>	
ECTOPROCTA	
<u>Cystisella saccata</u>	
<u>Escharoides jacksoni</u>	
<u>Terminoflustra membranaceotruncata</u>	

Table 69. Benthic invertebrates collected by dredge from station 821, 29 Aug 1956.

Species	Species
ARTHROPODA:Amphipoda	MOLLUSCA:Gastropoda
* <u>Aceroides latipes</u>	<u>Admete couthouyi</u>
<u>Anonyx nugax</u>	<u>Buccinum glaciale</u> (cf. <u>hancocki</u> )
<u>Metopa glacialis</u>	<u>Buccinum hydrophanum</u>
<u>Pontoporeia femorata</u>	<u>Buccinum scalariforme</u> (as <u>B. tenue</u> )
<u>Protomedea grandimana</u>	<u>Colus islandicus</u>
	<u>Lunatia pallida</u>
ARTHROPODA:Decapoda	<u>Margarites costalis</u>
<u>Pagurus pubescens</u>	<u>Margarites olivaceus</u>
	<u>Natica clausa</u>
ARTHROPODA:Isopoda	<u>Oenopota bicarinata</u>
<u>Arcturus baffini</u>	<u>Oenopota incisula</u>
<u>Mesidotea sabini</u>	<u>Oenopota pyramidalis</u>
	<u>Trichotropis borealis</u>
CHORDATA:Ascidiacea	<u>Volutopsis norvegicus</u>
<u>Didemnum albidum</u>	
COELENTERATA:Anthozoa	MOLLUSCA:Pelecypoda
<u>Hormathia nodosa</u>	<u>Astarte montagu</u> (f. <u>banski</u> & <u>striata</u> )
	<u>Clinocardium ciliatum</u>
COELENTERATA:Hydrozoa	<u>Crenella faba</u>
<u>Lafoea gracillima</u>	<u>Hiatella arctica</u>
<u>Sertularella polyzonias</u>	<u>Lyonsia arenosa</u>
	<u>Macoma calcarea</u>
ECHINODERMATA:Asteroidea	<u>Macoma moesta</u>
<u>Leptasterias groenlandica</u>	<u>Musculus corrugatus</u>
<u>Solaster papposus</u>	<u>Musculus discors</u> (f. <u>substriatus</u> )
	<u>Musculus niger</u>
ECHINODERMATA:Echinoidea	<u>Nucula belloti</u>
<u>Strongylocentrotus droebachiensis</u>	<u>Nuculana pernula</u> (f. <u>costigera</u> )
	<u>Portlandia arctica</u> (f. <u>siliqua</u> )
ECHINODERMATA:Ophiuroidea	<u>Serripes groenlandicus</u>
<u>Ophiocten sericeum</u>	
<u>Stegophiura nodosa</u>	
ECTOPROCTA	
<u>Hippoporina propinqua</u>	
<u>Hippothoa hyalina</u>	
<u>Membranipora serrulata</u>	
<u>Tegella arctica</u>	

\* Anonyx makarovi



Table 70. Benthic invertebrates collected by dredge from station 822, 30 Aug 1956.

---

Species

---

ARTHROPODA: Cirripedia

Balanus crenatus

ARTHROPODA: Decapoda

Eualus fabricii

Eualus gaimardi

Lebbeus polaris

Pagurus pubescens

ARTHROPODA: Isopoda

Arcturus baffini

COELENTERATA: Anthozoa

Stomphia coccinea

ECHINODERMATA: Asteroidea

Leptasterias groenlandica

ECHINODERMATA: Ophiuroidea

Ophiacantha bidentata

MOLLUSCA: Amphineura

Ischnochiton albus (as Lophyrochiton)

Tonicella marmorea

MOLLUSCA: Gastropoda

Buccinum undatum

Margarites costalis

Margarites umbilicalis

Trichotropis borealis

MOLLUSCA: Pelecypoda

Hiatella arctica

Musculus discors (f. laevigatus)

Portlandia arctica (f. siliqua)

Table 71. Benthic invertebrates collected by dredge from station 828, 7 Sep 1956.

Species	Species
ARTHROPODA: Amphipoda	ECHINODERMATA: Holothuroidea
<u>Anonyx nugax</u>	<u>Cucumaria frondosa</u>
<u>Metopa glacialis</u> (as <u>M. cariana</u> )	ECHINODERMATA: Ophiuroidea
<u>Tryphosa marina</u>	<u>Ophiacantha bidentata</u>
ARTHROPODA: Decapoda	ECTOPROCTA
<u>Eualus gaimardi</u>	<u>Dendrobeania murrayana</u>
<u>Lebbeus groenlandicus</u>	MOLLUSCA: Amphineura
<u>Lebbeus polaris</u>	<u>Tonicella marmorea</u>
<u>Pagurus pubescens</u>	MOLLUSCA: Gastropoda
<u>Spirontocaris phippsi</u>	<u>Boreotrophon fabricii</u>
ARTHROPODA: Isopoda	<u>Lepeta caeca</u>
<u>Arcturus baffini</u>	MOLLUSCA: Pelecypoda
BRACHIOPODA	<u>Crenella faba</u>
<u>Hemithyris psittacea</u>	<u>Hiatella arctica</u>
COELENTERATA: Anthozoa	<u>Musculus discors</u> (f. <u>laevigatus</u> & <u>substriatus</u> )
<u>Hormathia nodosa</u> ?	
ECHINODERMATA: Asteroidea	
<u>Solaster papposus</u>	

Table 72. Benthic invertebrates collected by grab from station 831, 8 Sep 1956.

Species
MOLLUSCA: Gastropoda
<u>Neptunea despecta</u>

Table 73. Benthic invertebrates collected by dredge from station 832, 8 Sep 1956.

Species	Species
ANNELIDA:Polychaeta	ECHINODERMATA:Asteroidea
<u>Antinoella sarsi</u>	<u>Ctenodiscus crispatus</u>
<u>Mystides borealis</u>	<u>Pteraster pulvillus</u>
<u>Onuphis conchylega</u>	<u>Solaster papposus</u>
<u>Polydora sp.</u>	
ARTHROPODA:Amphipoda	ECHINODERMATA:Crinoidea
<u>Aeginina longicornis</u>	<u>Helioetra glacialis</u>
<u>Ampelisca eschrichti</u>	
<u>Anonyx nugax</u>	ECHINODERMATA:Ophiuroidea
<u>Atylus smitti</u>	<u>Ophiacantha bidentata</u>
<u>Paramphithoe hystrix</u>	<u>Ophiocten sericeum</u>
<u>Socarnes bidenticulatus</u>	
<u>Stegocephalus inflatus</u>	MOLLUSCA:Gastropoda
	<u>Boreotrophon clathratus</u>
ARTHROPODA:Cirripedia	<u>Boreotrophon fabricii</u>
<u>Balanus balanoides ?</u>	<u>Buccinum hydrophanum</u>
<u>Balanus crenatus</u>	<u>Capulacmaea radiata</u>
	<u>Colus islandicus</u>
ARTHROPODA:Decapoda	<u>Lepeta caeca</u>
<u>Eualus gaimardi</u>	<u>Lunatia pallida</u>
<u>Eualus g. belcheri</u>	<u>Margarites costalis</u>
<u>Lebbeus polaris</u>	
<u>Pagurus pubescens</u>	MOLLUSCA:Pelecypoda
<u>Sabinea septemcarinata</u>	<u>Hiatella arctica</u>
<u>Sclerocrangon boreas</u>	<u>Macoma calcarea</u>
<u>Spirontocaris phippsi</u>	<u>Macoma toveni</u>
<u>Spirontocaris spinus</u>	<u>Musculus discors</u>
	<u>Nucula belloti</u>
ARTHROPODA:Isopoda	<u>Nuculana pernula (f. costigera)</u>
<u>Arcturus baffini</u>	<u>Pecten groenlandicus</u>
<u>Mesidotea sabini</u>	<u>Yoldia h. hyperborea</u>
<u>Munnopsis typica</u>	
	NEMERTINA
ARTHROPODA:Pycnogonida	Nemerteans
<u>Nymphon hirtipes</u>	
<u>Nymphon hirtum</u>	PORIFERA
	Sponges
ASCHELMINTHES:Nematoda	
Nematodes	

Table 74. Benthic invertebrates collected by dredge from station 837, 9 Sep 1956.

Species	Species
ANNELIDA: Polychaeta	ARTHROPODA: Isopoda
<u>Chitinopoma fabricii</u>	<u>Arcturus baffini</u>
<u>Chone</u> sp.	
<u>Eusyllis blomstrandii</u>	ARTHROPODA: Pycnogonida
<u>Harmothoe imbricata</u>	<u>Nymphon grossipes</u>
<u>Leaena abranchiata</u>	<u>Nymphon hirtipes</u>
<u>Pholoe minuta</u>	<u>Nymphon serratum</u>
<u>Pista maculata</u>	
<u>Polycirrus medusa</u>	ASCHELMINTHES: Nematoda
<u>Proclea graffi</u>	Nematodes
<u>Sabellides octocirrata</u>	
<u>Spirorbis</u> sp.	BRACHIOPODA
<u>Syllis fasciata</u>	<u>Hemithyris psittacea</u>
<u>Thelepus cincinnatus</u>	
	CHORDATA: Ascidiacea
ARTHROPODA: Amphipoda	<u>Aplidium glabrum</u>
<u>Acanthonotozoma cristatum</u>	<u>Didemnum albidum</u>
<u>Aeginina longicornis</u>	<u>Molgula</u> sp.
<u>Anonyx nugax</u>	
<u>Caprella linearis</u>	COELENTERATA: Anthozoa
<u>Dulichia spinosissima</u>	<u>Hormathia nodosa</u>
<u>Eurysteus melanops</u>	
<u>Eusirus cuspidatus</u>	COELENTERATA: Hydrozoa
<u>Gammaropsis maculata</u>	<u>Helecium minutum</u>
<u>Haploops setosa</u>	<u>Sertularia schmidti</u>
<u>Ischyrocerus latipes</u>	<u>Sertularia similis</u>
<u>Ischyrocerus megalops</u>	
<u>Metopella longimana</u>	ECHINODERMATA: Asteroidea
<u>Paramphitoe hystrix</u>	<u>Henricia eschrichti</u>
<u>Socarnes vahli</u>	<u>Henricia scabrior</u>
	<u>Pteraster pulvillus</u>
ARTHROPODA: Cirripedia	<u>Solaster papposus</u>
<u>Balanus balanus</u>	<u>Solaster syrtensis</u>
<u>Scalpellum hamatum</u>	
	ECHINODERMATA: Holothuroidea
ARTHROPODA: Cumacea	<u>Cucumaria frondosa</u>
<u>Cumella</u> sp.	
	ECHINODERMATA: Ophiuroidea
ARTHROPODA: Decapoda	<u>Ophiacantha bidentata</u>
<u>Eualus gaimardi</u>	<u>Ophiopus arcticus</u>
<u>Eualus g. belcheri</u>	
<u>Lebbeus groenlandicus</u>	
<u>Lebbeus polaris</u>	
<u>Spirontocaris phippsi</u>	

Table 74. Continued.

---

Species

---

## ECTOPROCTA

Bidenkapia spitzbergensisCystisella saccataEscharoides jacksoniMembranipora serrulataPhidolopora elongataSecuriflustra securifrons

## MOLLUSCA:Gastropoda

Capulacmaea radiataNatica clausa

## MOLLUSCA:Pelecypoda

Astarte montaguiHiatella arcticaMusculus discors (f. laevigatus & substriatus)

## NEMERTINA

Nemerteans

Table 75. Benthic invertebrates collected by net from station 839, 2 Oct 1956.

---

Species

---

## ARTHROPODA: Amphipoda

Apherusa megalops (as Halirages)Atylus carinatusCaprella septentrionalisGammaracanthus loricatusGammarus setosusGammarus wilkitskiiIschyrocerus anguipesMetacaprella horrida ( Caprella)Metopella carinataMonoculodes borealisMonoculodes simplexOnisimus glacialis (as Pseudalibrotus)Parapleustes bicuspisParapleustes gracilisPontogeneia inermisSocarnes bidenticulatusWeyprechtia pinguis

## MOLLUSCA: Gastropoda

Buccinum cyaneumBuccinum hydrophanumMargarites umbilicalis

Table 76. Benthic invertebrates collected from station 901, 8 Jun-8 Sep 1957.  
Composite station sampled by grab, dredge, plankton net and hand.

Species	Species
ANNELIDA: Polychaeta	<u>Protomeдея grandimana</u>
<u>Harmothoe imbricata</u>	<u>Rhachotropis aculeata</u>
<u>Micronephthys minuta</u>	<u>Rhachotropis oculata</u>
<u>Nephtys ciliata</u>	<u>Socarnes vahli</u>
ARTHROPODA: Amphipoda	<u>Westwoodilla brevicar</u>
<u>Acanthonotozoma inflatum</u>	<u>Westwoodilla megalops</u>
<u>Aeginina longicornis</u>	<u>Weyprechtia pinguis</u>
<u>Ampelisca eschrichti</u>	ARTHROPODA: Cirripedia
<u>Anonyx affinis</u>	<u>Balanus crenatus</u>
<u>Anonyx laticoxae</u>	ARTHROPODA: Cumacea
<u>Anonyx nugax</u>	<u>Diastylis rathkei</u>
* <u>Apherusa megalops</u> (as <u>Halirages</u> )	<u>Lamprops fuscata</u>
<u>Argissa hamatipes</u>	ARTHROPODA: Decapoda
<u>Arrhinopsis longicornis</u>	<u>Argis dentata</u>
<u>Atylus carinatus</u>	<u>Eualus fabricii</u>
<u>Bathymedon obtusifrons</u>	<u>Eualus gaimardi</u>
<u>Boeckosimus plautus</u> (as <u>Onisimus</u> )	<u>Eualus g. belcheri</u>
<u>Byblis gaimardi</u>	<u>Lebbeus groenlandicus</u>
<u>Caprella septentrionalis</u>	<u>Lebbeus polaris</u>
<u>Dyopedus hirticornis</u> (as <u>Dulichia</u> )	<u>Pagurus pubescens</u>
<u>Eurysteus melanops</u>	<u>Spirontocaris phippsi</u>
<u>Gammaracanthus loricated</u>	ARTHROPODA: Isopoda
<u>Gammarus setosus</u>	<u>Arcturus baffini</u>
<u>Halirages fulvocinctus</u>	<u>Mesidotea sabini</u>
<u>Halirages nilssoni</u>	<u>Phryxus abdominalis</u>
<u>Ischyrocerus anguipes</u>	ARTHROPODA: Mysidacea
<u>Ischyrocerus latipes</u>	<u>Mysis oculata</u>
<u>Monoculodes borealis</u>	ARTHROPODA: Ostracoda
<u>Monoculodes intermedius</u>	<u>Philomedes globosus</u>
<u>Monoculodes latimanus</u>	ARTHROPODA: Pycnogonida
<u>Monoculodes schneideri</u>	<u>Nymphon brevitarse</u>
<u>Monoculodes tuberculatus</u>	<u>Nymphon grossipes</u>
<u>Monoculopsis longicornis</u>	BRACHIOPODA
<u>Onisimus litoralis</u> (as <u>Pseudalibrodus</u> )	<u>Hemithyris psittacea</u>
<u>Orchomene minuta</u> (as <u>Orchomenella</u> )	
<u>Paramphithoe hystrix</u>	
<u>Parapleustes assimilis</u>	
<u>Parapleustes gracilis</u>	
<u>Paroediceros lynceus</u>	
<u>Photis</u> sp.	
<u>Pleustes medius</u>	
<u>Pontogeneia inermis</u>	
<u>Pontogeneia femorata</u>	

\* Anonyx sarsi

Table 76. Continued.

Species	Species
CHORDATA: Ascidiacea	MOLLUSCA: Gastropoda
<u>Boltenia ovifera</u>	<u>Admete couthouyi</u>
<u>Dendrodoa sp.</u>	<u>Buccinum glaciale</u>
<u>Molgula griffithsi</u>	<u>Buccinum hydrophanum</u>
	<u>Buccinum scalariforme</u> (as <u>B. tenue</u> )
COELENTERATA: Anthozoa	<u>Buccinum totteni</u>
<u>Halcampa arctica</u>	<u>Buccinum undatum</u>
	<u>Cylichna alba</u>
COELENTERATA: Hydrozoa	<u>Cylichna occulta</u>
<u>Calycella syringa</u>	<u>Diaphana minuta</u> ?
<u>Gonothyraea loveni</u>	<u>Lunatia pallida</u>
<u>Halecium muricatum</u>	<u>Margarites costalis</u>
<u>Hydractinia carica</u>	<u>Margarites helycinus</u>
<u>Opercularella lacerata</u>	<u>Margarites olivaceus</u>
<u>Sertularia similis</u>	<u>Margarites umbilicalis</u>
	<u>Oenopota arctica</u>
ECHINODERMATA: Asteroidea	<u>Oenopota bicarinata</u>
<u>Henricia eschrichti</u>	<u>Oenopota declivis</u>
<u>Leptasterias groenlandica</u>	<u>Oenopota incisula</u>
<u>Leptasterias polaris</u>	<u>Oenopota pyramidalis</u>
<u>Stephanasterias albula</u>	<u>Oenopota turricula</u>
	<u>Onchidiopsis glacialis</u>
ECHINODERMATA: Echinoidea	<u>Philine lima</u>
<u>Strongylocentrotus droebachiensis</u>	<u>Tachyrhynchus reticulatus</u>
	<u>Trichotropis borealis</u>
	<u>Velutina velutina</u>
ECHINODERMATA: Holothuroidea	MOLLUSCA: Pelecypoda
<u>Cucumaria calcigera</u>	<u>Astarte montagui</u>
<u>Myriotrochus rinki</u>	<u>Axinopsida orbiculata</u>
Holothuroids	<u>Crenella faba</u>
	<u>Hiatella arctica</u>
ECHINODERMATA: Ophiuroidea	<u>Macoma calcarea</u>
<u>Amphiura sundevalli</u>	<u>Macoma moesta</u>
<u>Ophiacantha bidentata</u>	<u>Musculus corrugatus</u>
<u>Ophiocten sericeum</u>	<u>Musculus discors</u> (f. <u>laevigatus</u> )
<u>Stegophiura nodosa</u>	<u>Musculus niger</u>
	<u>Nucula belloti</u>
ECTOPROCTA	<u>Nuculana pernula</u> (f. <u>costigera</u> )
<u>Cystisella saccata</u>	<u>Serripes groenlandicus</u>
<u>Dentrobeatia murrayana</u>	<u>Thyasira gouldi</u>
<u>Escharella ventricosa</u>	<u>Yoldia h. hyperborea</u>
<u>Hincksina nigrans</u>	
<u>Hippothoa hyalina</u>	
<u>Porella acutirostris</u>	



Table 76. Continued.

---

Species

---

PORIFERA

Isodictya palmata ?

SIPUNCULA

Golfingia margaritacea

Sipunculans

Table 77. Benthic invertebrates collected by dredge from station 61-30, 11 Aug 1961.

---

Species

---

ANNELIDA: Polychaeta  
Eusyllis blomstrandii  
Harmothoe extenuata  
Harmothoe imbricata  
Syllis fasciata

ARTHROPODA: Amphipoda  
Halirages fulvocinctus  
Ischyrocerus anguipes

ARTHROPODA: Cirripedia  
Balanus balanus

ARTHROPODA: Decapoda  
Lebbeus polaris

ASCHELMINTHES: Nematoda  
 Nematodes

CHORDATA: Ascidiacea  
Boltenia ovifera  
Dendrodia aggregata  
Didemnum albidum

ECHINODERMATA: Asteroidea  
Stephanasterias albula

ECTOPROCTA  
Celleporina surcularis  
Parasmittina jeffreysi

MOLLUSCA: Gastropoda  
Capulacmaea radiata  
Margarites umbilicalis

MOLLUSCA: Pelecypoda  
Hiatella arctica  
Musculus discors

PORIFERA  
 Sponges

Table 78. Benthic invertebrates collected by dredge from station 61-32,  
14 Aug 1961.

Species	Species
ARTHROPODA:Decapoda	ECTOPROCTA
<u>Sabinea septemcarinata</u>	<u>Celleporina surcularis</u>
ARTHROPODA:Isopoda	<u>Myriapora subgracila</u>
<u>Arcturus baffini</u>	<u>Parasmittina jeffreysi</u>
<u>Mesidotea sabini</u>	<u>Schizoporella stylifera</u>
ARTHROPODA:Pycnogonida	<u>Terminoflustra membranaceotruncata</u>
<u>Nymphon hirtipes</u>	MOLLUSCA:Gastropoda
BRACHIOPODA	<u>Boreotrophon truncatus</u>
<u>Hemithyris psittacea</u>	<u>Buccinum undatum</u>
CHORDATA:Ascidiacea	<u>Colus islandicus</u>
<u>Boltenia echinata</u>	<u>Trichotropis bicarinata</u>
<u>Polycitor vitreus</u>	<u>Volutopsius norvegicus</u>
<u>Styela rustica</u>	
COELENTERATA:Hydrozoa	
<u>Halecium curvicaule</u>	
<u>Posterula sarsi</u>	
ECHINODERMATA:Asteroidea	
<u>Henricia eschrichti</u>	
<u>Henricia scabrior</u>	
<u>Pteraster militaris</u>	
<u>Pteraster pulvillus</u>	
ECHINODERMATA:Crinoidea	
<u>Heliometra glacialis</u>	
ECHINODERMATA:Echinoidea	
<u>Strongylocentrotus droebachiensis</u>	
ECHINODERMATA:Ophiuroidea	
<u>Ophiacantha bidentata</u>	
<u>Ophiocten sericeum</u>	
<u>Ophiopus arcticus</u>	
<u>Stegophiura nodosa</u>	

Table 79. Benthic invertebrates collected by dredge from station 61-34, 23 Aug 1961.

Species	Species
ANNELIDA: Polychaeta	MOLLUSCA: Gastropoda
<u>Harmothoe extenuata</u>	<u>Boreotrophon fabricii</u>
<u>Harmothoe nodosa</u>	<u>Colus islandicus</u>
<u>Spirorbis spirillum</u>	<u>Colus pubescens</u>
ARTHROPODA: Amphipoda	<u>Lunatia pallida</u>
<u>Anonyx nugax</u>	<u>Margarites costalis</u>
<u>Atylus smitti</u>	<u>Trichotropis borealis</u>
<u>Paramphithoe hystrix</u>	
<u>Stegocephalus inflatus</u>	
<u>Unciola leucopis</u>	
ARTHROPODA: Cumacea	
<u>Brachydiastylis resima</u>	
<u>Diastylis goodsiri</u>	
ARTHROPODA: Decapoda	
<u>Lebbeus polaris</u>	
ARTHROPODA: Isopoda	
<u>Arcturus baffini</u>	
ARTHROPODA: Pycnogonida	
<u>Nymphon hirtipes</u>	
BRACHIOPODA	
<u>Hemithyris psittacea</u>	
CHORDATA: Ascidiacea	
<u>Ciona intestinalis</u>	
ECHINODERMATA: Ophiuroidea	
<u>Ophiacantha bidentata</u>	
<u>Ophiocten sericeum</u>	
<u>Ophiopus arcticus</u>	
ECTOPROCTA	
<u>Escharoides jacksoni</u>	
<u>Pseudoflustra solida</u>	

Table 80. Benthic invertebrates collected by net from station 61-35, 24 Aug 1961.

---

Species

---

COELENTERATA:Hydrozoa  
Campanularia verticillata

ECTOPROCTA  
Phidolopora elongata  
Pseudoflustra solida

Table 81. Benthic invertebrates collected by dredge from station 61-36, 24 Aug 1961.

---

Species

---

ARTHROPODA:Amphipoda  
Ischyrocerus stephensi  
Rozinante fragilis

ARTHROPODA:Isopoda  
Arcturus baffini  
Calathura brachiata  
Munnopsurus giganteus

ARTHROPODA:Pycnogonida  
Nymphon hirtipes

ECHINODERMATA:Ophiuroidea  
Ophiacantha bidentata  
Ophiocten sericeum  
Ophiopholis aculeata  
Ophiopus arcticus  
Ophiura sarsi

Table 82. Benthic invertebrates collected by dredge from station 61-39, 25 Aug 1961.

Species	Species
ARTHROPODA:Amphipoda	ECHINODERMATA:Ophiuroidea
<u>Acanthonotozoma</u> sp.	<u>Ophiacantha</u> <u>bidentata</u>
<u>Anonyx</u> <u>nugax</u>	<u>Ophiocten</u> <u>sericeum</u>
<u>Maera</u> <u>loveni</u>	<u>Ophiopus</u> <u>arcticus</u>
<u>Melita</u> sp.	<u>Ophiura</u> <u>robusta</u>
<u>Rhachotropis</u> <u>aculeata</u>	ECTOPROCTA
<u>Stegocephalus</u> <u>inflatus</u>	<u>Cheilopora</u> <u>sincera</u>
ARTHROPODA:Decapoda	<u>Diplosolen</u> <u>obelvia</u>
<u>Lebbeus</u> <u>groenlandicus</u>	<u>Escharoides</u> <u>jacksoni</u>
<u>Lebbeus</u> <u>polaris</u>	<u>Phidolopora</u> <u>elongata</u>
<u>Sabinea</u> <u>septemcarinata</u>	<u>Rhamphostomella</u> <u>costata</u>
<u>Sclerocrangon</u> <u>boreas</u>	MOLLUSCA:Gastropoda
<u>Spirontocaris</u> <u>phippsi</u>	<u>Admete</u> <u>couthouyi</u>
<u>Spirontocaris</u> <u>spinus</u>	<u>Boreotrophon</u> <u>fabricii</u>
ARTHROPODA:Isopoda	<u>Buccinum</u> <u>hydrophanum</u>
<u>Arcturus</u> <u>baffini</u>	<u>Buccinum</u> <u>micropoma</u>
ARTHROPODA:Pycnogonida	<u>Lepeta</u> <u>caeca</u>
<u>Nymphon</u> <u>hirtipes</u>	<u>Margarites</u> <u>costalis</u>
CHORDATA:Ascidiacea	<u>Margarites</u> <u>umbilicalis</u>
<u>Aplidium</u> <u>glabrum</u>	<u>Natica</u> <u>clausa</u>
<u>Ascidia</u> <u>callosa</u>	<u>Trichotropis</u> <u>conica</u>
<u>Ascidia</u> <u>prunum</u>	<u>Velutina</u> <u>plicatilis</u>
<u>Botrylloides</u> <u>aureum</u>	<u>Velutina</u> <u>undata</u>
<u>Didemnum</u> <u>albidum</u>	
ECHINODERMATA:Asteroidea	
<u>Henricia</u> <u>eschricti</u>	
<u>Henricia</u> <u>scabrior</u>	
<u>Pteraster</u> <u>militaris</u>	
<u>Pteraster</u> <u>pulvillus</u>	
<u>Solaster</u> <u>endeca</u>	
<u>Solaster</u> <u>papposus</u>	
ECHINODERMATA:Echinoidea	
<u>Strongylocentrotus</u> <u>droebachiensis</u>	

Table 83. Benthic invertebrates collected by dredge from station 61-40,  
26 Aug 1961.

---

Species

---

ARTHROPODA:Decapoda

Eualus gaimardi

Sclerocrangon boreas

Spirontocaris spinus

ARTHROPODA:Isopoda

Arcturus baffini

BRACHIOPODA

Hemithyris psittacea

ECHINODERMATA:Crinoidea

Heliometra glacialis

ECHINODERMATA:Echinoidea

Strongylocentrotus droebachiensis

ECHINODERMATA:Ophiuroidea

Ophiopus arcticus

Ophiura robusta

ECTOPROCTA

Celleporina surcularis

MOLLUSCA:Gastropoda

Capulacmaea radiata

Table 84. Benthic invertebrates collected by dredge from station 61-43, 28 Aug 1961.

Species	Species
ANNELIDA: Polychaeta	<u>Sertularia schmidti</u>
Chone sp.	<u>Sertularia similis</u>
<u>Eusyllis blomstrandii</u>	ECHINODERMATA: Asteroidea
<u>Nereis pelagica</u>	<u>Leptasterias groenlandica</u>
<u>Pholoe minuta</u>	<u>Solaster endeca</u>
<u>Pionosyllis compacta</u>	<u>Solaster papposus</u>
<u>Syllis fasciata</u>	
ARTHROPODA: Acarina	ECHINODERMATA: Echinoidea
Mites	<u>Strongylocentrotus droebachiensis</u>
ARTHROPODA: Amphipoda	ECHINODERMATA: Ophiuroidea
<u>Ericthonius tolli</u>	<u>Ophiacantha bidentata</u>
<u>Gammaropsis maculata</u>	<u>Ophiopus arcticus</u>
<u>Mesometopa neglecta</u>	ECTOPROCTA
<u>Metopa bruzelii</u>	<u>Bidenkapia spitzbergensis</u>
ARTHROPODA: Cirripedia	<u>Callopora lineata</u>
<u>Balanus balanoides</u>	<u>Celleporina surcularis</u>
<u>Balanus balanus</u>	<u>Cheilopora sincera</u>
<u>Scalpellum cornutum</u>	<u>Eucratea loricata</u>
ARTHROPODA: Decapoda	<u>Hippoporina propinqua</u>
<u>Lebbeus polaris</u>	<u>Idmonea atlantica</u>
ARTHROPODA: Isopoda	<u>Membranipora serrulata</u>
<u>Arcturus baffini</u>	<u>Parasmittina jeffreysi</u>
ASCHELMINTHES: Nematoda	<u>Posterula sarsi</u>
Nematodes	<u>Securiflustra securifrons</u>
BRACHIOPODA	<u>Tricellaria peachi</u>
<u>Hemithyris psittacea</u>	<u>Tricellaria ternata</u>
CHORDATA: Ascidiacea	MOLLUSCA: Gastropoda
<u>Boltenia ovifera</u>	<u>Boreotrophon fabricii</u>
<u>Dendrodoa aggregata</u>	MOLLUSCA: Pelecypoda
<u>Halocynthia pyriformis</u>	<u>Hiatella arctica</u>
COELENTERATA: Hydrozoa	<u>Musculus discors</u> (f. <u>laevigatus</u> & <u>substriatus</u> )
<u>Calycella syringa</u>	<u>Mya truncata</u>
<u>Campanularia volubilis</u>	<u>Portlandia arctica</u>
<u>Coryne pusilla</u>	<u>Portlandia lenticula</u> (as <u>Yoldiella</u> )
<u>Halecium minutum</u>	NEMERTINA
<u>Halecium muricatum</u>	Nemertean
<u>Sertularia robusta</u>	PORIFERA
	Sponges