



Fisheries and Oceans
Canada

Pêches et Océans
Canada

Science

Sciences

Canadian Science Advisory Secretariat (CSAS)

Research Document 2012/091

Central and Arctic Region

**Species inhabiting the Tarium Niryutait Marine Protected Area in the Canadian
Beaufort Sea – Mackenzie Delta**

D. B. Stewart

Arctic Biological Consultants
95 Turnbull Drive
Winnipeg, MB, R3V 1X2

Foreword

This series documents the scientific basis for the evaluation of aquatic resources and ecosystems in Canada. As such, it addresses the issues of the day in the time frames required and the documents it contains are not intended as definitive statements on the subjects addressed but rather as progress reports on ongoing investigations.

Research documents are produced in the official language in which they are provided to the Secretariat.

Published by:

Fisheries and Oceans Canada
Canadian Science Advisory Secretariat
200 Kent Street
Ottawa ON K1A 0E6

[http://www.dfo-mpo.gc.ca/csas-sccs/
csas-sccs@dfo-mpo.gc.ca](http://www.dfo-mpo.gc.ca/csas-sccs/csas-sccs@dfo-mpo.gc.ca)



© Her Majesty the Queen in Right of Canada, 2013
ISSN 1919-5044

Correct citation for this publication:

Stewart, D.B. 2013. Species inhabiting the Tarium Nirjutait Marine Protected Area in the Canadian Beaufort Sea – Mackenzie Delta. DFO Can. Sci. Advis. Sec. Res. Doc. 2012/091. iv + 82 p.

TABLE OF CONTENTS

ABSTRACT.....	IV
RÉSUMÉ.....	IV
INTRODUCTION	1
METHODS.....	1
ACKNOWLEDGEMENTS.....	2
REFERENCES	2
APPENDIX 1. REFERENCES EXAMINED BUT NOT CITED.....	81

ABSTRACT

This report provides an inventory, current to March 2004, of species that have been reported from the Tarium Nirjutait Marine Protected Area (MPA) in the Canadian Beaufort Sea – Mackenzie Delta. Species found outside the MPA but in water of the same depth (<5m) nearby are also listed.

Espèces vivant dans la zone de protection marine de Tarium Nirjutait, dans la partie canadienne de la mer de Beaufort – delta du fleuve Mackenzie

RÉSUMÉ

Ce rapport dresse l'inventaire, en date de mars 2004, des espèces qui ont été signalées dans la zone de protection marine (ZPM) de Tarium Nirjutait, dans la partie canadienne de la mer de Beaufort – delta du fleuve Mackenzie. Les espèces présentes en dehors de la ZPM, mais dans des eaux de la même profondeur (<5 m) situées à proximité de cette zone ont également été incluses dans la liste.

INTRODUCTION

The [Tarium Nirjutait Marine Protected Area](#) (TNMPA) was established on August 25, 2010 (SOR/2010-190) to conserve and protect important beluga (*Delphinapterus leucas*) summering habitats in the Mackenzie Delta-Beaufort Sea region. This is the first MPA in Arctic Canada and consists of three discrete areas, Niaqunnuq, Okeevik and Kittigaryuit (Figure 1). Together, this MPA encompasses about 1,800 km² of shallow, coastal marine habitat that is heavily used by belugas in summer for a range of activities vital to their life history. To conserve and protect these whales the ecological integrity of these areas must be maintained. This requires that other species in these habitats also be maintained and conserved to provide belugas with the resources they require. As such, the conservation objective of the Tarium Nirjutait MPA is ‘to conserve and protect Beluga Whales and other marine species (anadromous fishes, waterfowl and seabirds), their habitats and their supporting ecosystem’.

This report is an early step in the process to learn about the use of habitats in the MPA by marine species. It provides an inventory, current to March 2004, of species that have been reported from each MPA sub-area (Table 1). Because these areas are mostly <5 m deep, access by larger research vessels has been limited. This has limited knowledge of the marine biota and increases the likelihood that a species’ absence from the MPA may be an artefact of the limited research effort. To address this gap, species that are present outside the MPA but within the southern Beaufort Sea at the same depth range as the MPA (i.e., <5 m) are also identified.

The list also includes species that have been reported from deeper habitats by the Northern Oil and Gas Action Program (NOGAP; Hopky et al. 1994e), and birds that occur in nearby coastal areas (Alsop 2002). These species have not been denoted as present (P) but have been listed to facilitate future additions.

METHODS

Reference materials pertinent to this study were identified by searches of the Arctic Data Compilation Appraisal volumes for the Beaufort Sea (Harwood et al. 1986; Norton et al. 1987; Wainright et al. 1987; Woods and Smiley 1987; Ratynski et al. 1988; Stewart and Ratynski 1994), and by searches of Fisheries and Oceans Canada’s WAVES bibliographic database. A listing of marine species from the region held by the National Museum of Canada was also obtained. The searches are current to March 2004.

The list is not intended to provide an exhaustive list of reference material, rather to identify whether a species is present in a particular area. Consequently, once a species’ presence was documented only references that added significantly to the information were included. Promising reference material that was examined but did not include pertinent information is cited in Appendix 1.

The species identified from each of the three areas of the MPA are listed in Table 1. The main taxonomic divisions (Phylum, Class, Order, Family, Genus and Species) are provided where available but not all super and sub classifications (e.g., subclass, infraclass, superorder, suborder, infraorder, etc.). To facilitate future name checks and additions the list follows the hierarchical organization used by the [Integrated Taxonomic Information System](#) (ITIS). Within each Kingdom the Phyla or Divisions are listed alphabetical rather than by phylogenetic sequence; as are the Classes within each Phylum; the Orders within each Class; Families within each Order; Genera within each Family, and Species within each Genus.

Latin nomenclature used by the earlier studies has been updated where possible with revisions from ITIS or the [World Register of Marine Species](#) (WoRMS). Where the Latin names have been revised, the revised name is included in the table with an explanatory note in the comments. The English and French names are from ITIS or Nelson et al. (2004), and the Inuvialuktun names are from the Inuvialuit Harvest Study (2003). In some cases, the same Inuvialuktun name is used to refer to several closely-related species. Many small species lack common names.

In the original studies the sampling locations were not always identified by map coordinates, sometimes only with dots on a map. Consequently, species have been listed as present if the coordinates or dot appeared to occur within the MPA. Because sampling effort within the MPA has been limited, species that were present within the 5 m depth contour but not necessarily within any of the MPA areas were noted separately. The absence of these species from a particular area may be a sampling artefact.

Species that have been identified within the region but not within the 5 m contour in the immediate area of the MPA have also been included in Table 1. Their absence from the MPA may also be a sampling artefact, or it may be related to environmental conditions. In either case, their inclusion should facilitate future additions to the list and comparisons with other areas. The list includes the names of all of the organisms identified from the region during NOGAP Subprojects B.Z.1 and B.Z.3, which were conducted between 1984 to 1988 (Hopky et al. 1994e). It also includes waterbirds and shorebirds that have been identified from the region in the vicinity of the MPAs (Alsop 2002).

For each species, the reference citations and associated area within the MPA and/or 5 m bathymetric contour are listed. Capture methods are listed when available. Brief notes on seasonal habitat use have been included with mammal and bird species. Seasonal habitat use outside the open water season by other species is poorly known due to the difficulty of sampling in winter.

ACKNOWLEDGEMENTS

Fisheries and Oceans Canada (DFO) funded this project. Don Cobb of DFO Winnipeg was the Scientific Authority and provided the MPA map. Mike Lawrence of North/South Consultants Inc. provided advice and materials. The manuscript benefitted from constructive reviews by Don Cobb, Jeff Higdon and Wojtek Walkusz.

REFERENCES

- Alexander, S.A., Barry, T.W., Dickson, D.L., Prus, H.D., and Smyth, K.E. 1988. Key areas for birds in coastal regions of the Canadian Beaufort Sea. Canadian Wildlife Service, Edmonton, AB. vii + 146 p.
- Alsop III, F.J. 2002. Birds of Canada. Dorling Kindersley Limited, Toronto, ON. 687 p.
- Atkinson, E.G., and Percy, J.A. 1991. Stomach content analysis of marine benthic fish from Arctic Canada. Can. Data Rep. Fish. Aquat. Sci. 840: 34 p.
- Atkinson, E.G., and Wacasey, J.W. 1989. Benthic invertebrates collected from the western Canadian Arctic, 1951 to 1985. Can. Data Rep. Fish. Aquat. Sci. 745: 132 p.
- Babaluk, J.A., Wastle, R.J., and Treble, M.A. 2001. Results of tagging and biological studies in the lower Mackenzie River, Northwest Territories conducted during 1992 and 1993. Can. Tech. Rep. Fish. Aquat. Sci. 2387: viii + 80 p.

-
- Böttger-Schnack R., 1999. - Taxonomy of Oncaeidae (Copepoda, Poecilostomatoida) from the Red Sea. - I. 11 species of *Triconia* gen. nov. and a redescription of *T. similis* (Sars) from Norwegian waters. *Mitteilungen aus dem Hamburgischen Zoologischen Museum und Institut*, 96: 37-128.
- Chiperzak, D.B., Hopky, G.E., Lawrence, M.J., Schmid, D.F., and Reist, J.D. 2003a. Larval and post-larval fish data from the Canadian Beaufort Sea Shelf, July and September 1985. *Can. Data Rep. Fish. Aquat. Sci.* 1119: iv + 116 p.
- Chiperzak, D.B., Hopky, G.E., Lawrence, M.J., Schmid, D.F., and Reist, J.D. 2003b. Larval and post-larval fish data from the Canadian Beaufort Sea Shelf, July and September 1986. *Can. Data Rep. Fish. Aquat. Sci.* 1120: iv + 153 p.
- Chiperzak, D.B., Hopky, G.E., Lawrence, M.J., Schmid, D.F., and Reist, J.D. 2003c. Larval and post-larval fish data from the Canadian Beaufort Sea Shelf, July and September 1987. *Can. Data Rep. Fish. Aquat. Sci.* 1121: iv + 84 p.
- Duval, W.S. 1977. Environmental assessment of construction and construction support activities on planktonic communities of the Mackenzie Estuary related to the proposed ten year Beaufort Sea offshore exploration program, Part 4. *In* F.F. Slaney and Company Ltd. Environmental assessment of construction and construction support activities for the proposed ten year Beaufort Sea offshore exploration program, Volume 2, Part 1. Prepared for Imperial Oil Limited, Calgary, AB. 85 p.
- F.F. Slaney and Company Ltd. 1974. White whale study. Herschel Island - Cape Dalhousie coastal region of the Beaufort Sea. Report prepared for Imperial Oil Ltd., Calgary, AB. 29 p.
- F.F. Slaney and Company Ltd. 1975. 1974. Summer environmental program, Mackenzie River Estuary: Volume 1: Aquatic studies. F.F. Slaney & Co., Vancouver, B.C. variously paginated.
- Foy, M.G. and Hsiao, S.I.C. 1976. Phytoplankton data from the Beaufort Sea, 1973 to 1975. *Can. Tech. Rep. Fish. Aquat. Sci.* 617: 44 p.
- Grainger, E.H. 1975. Biological productivity of the southern Beaufort Sea: the physical-chemical environment and the plankton. Beaufort Sea Project (Victoria, BC), Technical Report 12A: 82 p.
- Grainger, E.H., and Grohe, K. 1975. Zooplankton data from the Beaufort Sea, 1951 to 1975. Environment Canada, Fisheries and Marine Service, Tech. Rep. Ser. No. 591: v i + 54 p.
- Harwood, L.A., and Borstad, G.A. 1985. Bowhead whale monitoring study in the southeast Beaufort Sea, July-September 1984. Environmental Studies Revolving Funds Report 9: ix + 99 p.
- Harwood, L.A., Turney, L.A., de March, L., Smiley, B.D., and Norton, P. 1986. Arctic data compilation appraisal, Vol. 8. Beaufort Sea: biological oceanography - seals, 1826-1985. *Can. Data Rep. Hydrogr. Ocean Sci.* No. 5: Part 1, 252 p.; Part 2, 301 p.
- Hopky, G.E., Lawrence, M.J., and Chiperzak, D.B. 1994a. NOGAP B2; Zooplankton data from the Canadian Beaufort Sea shelf, 1984 and 1985. *Can. Data Rep. Fish. Aquat. Sci.* 922: iv + 164 p.
- Hopky, G.E., Lawrence, M.J., and Chiperzak, D.B. 1994b. NOGAP B2; Zooplankton data from the Canadian Beaufort Sea shelf, 1984 and 1986. *Can. Data Rep. Fish. Aquat. Sci.* 923: iv + 225 p.

-
- Hopky, G.E., Lawrence, M.J., and Chiperzak, D.B. 1994c. NOGAP B2; Zooplankton data from the Canadian Beaufort Sea shelf, 1984 and 1987 and 1988. Can. Data Rep. Fish. Aquat. Sci. 912: v + 219 p.
- Hopky, G.E., Lawrence, M.J., and Chiperzak, D.B. 1994d. NOGAP B2; data on the meio- and macrobenthos, and related bottom sediment from Tuktoyaktuk Harbour and Mason Bay, N.W.T., March, 1985 to 1988. Can. Data Rep. Fish. Aquat. Sci. 939: vi + 297 p.
- Hopky, G.E., Lawrence, M.J., Chiperzak, D.B., and McRae, S.M. 1994f. NOGAP B2; Data on *In situ* water irradiance, temperature, and fluorescence, solar irradiance, and ice algae and related physical parameters from the Canadian Beaufort Sea shelf. Can. Data Rep. Fish. Aquat. Sci. 934: v + 112 p.
- Hopky, G.E., Lawrence, M.J., McRae, S.M., and Chiperzak, D.B. 1994e. NOGAP B2; List of scientific names of algae, invertebrates, and vertebrates captured under NOGAP Subprojects B.2.1 and B.2.2, 1984 to 1988. Can. Data Rep. Fish. Aquat. Sci. 924: iv + 76 p.
- Inuvialuit Harvest Study. 2003. Inuvialuit harvest study: data and methods report 1988-1997. Inuvialuit Harvest Study, The Joint Secretariat, Inuvik, NT. v + 202 p.
- KAVIK-AXYS Inc. 2004a. Fish, benthos and plankton study report, Devon Canada Corporation Beaufort Sea exploration drilling program. Prepared by KAVIK-AXYS Inc., Calgary, AB in association with North/South Consultants Inc., Calgary, AB for Devon Canada Corporation, Calgary AB. variously paginated.
- KAVIK-AXYS Inc. 2004b. Marine mammals baseline study report, Devon Canada Corporation Beaufort Sea exploration drilling program. Prepared by KAVIK-AXYS Inc., Calgary, AB in association with LGL Limited, environmental research associates, King City, ON for Devon Canada Corporation, Calgary AB. viii + 56 p + appendix (10 p).
- Kendel, R.E., Johnston, R.A.C., Lobsiger, U., and Kozak, M.D. 1975. Fishes of the Yukon coast. Beaufort Sea Project, Technical Report 6: xi + 114 p.
- Lawrence, M.J., Lacho, G., and Davies, S. 1984. A survey of the coastal fishes of the southeastern Beaufort Sea. Can. Tech. Rep. Fish. Aquat. Sci. 1220: x + 178 p.
- McLaren, P.L., and Davis, R.A. 1985. The distribution of bowhead whales and other marine mammals in the southeast Beaufort Sea, August-September 1983. Environmental Studies Revolving Funds Report 1: vi + 62 p.
- Nelson, J.G., Crossman, E.J., Espinosa-Pérez, H., Findley, L.T., Gilbert, C.R., Lea, R.N., and Williams, J.D. 2004. Common and scientific names of fishes from the United States, Canada, and Mexico. 6th edn. Am. Fish. Soc. Spec. Publ. 29: 386 p. with CD.
- Norton, P., and Harwood, L.A. 1986. Distribution, abundance, and behaviour of white whales in the Mackenzie Estuary. Environmental Studies Revolving Funds 36: viii + 73 p.
- Norton, P., Smiley, B.D., and de March, L. 1987. Arctic data compilation appraisal, Vol. 10, Beaufort Sea: biological oceanography - whales, 1848-1983. Can. Data Rep. Hydrogr. Ocean Sci. No. 5: 407 p.
- Percy, R. 1975. Fishes of the outer Mackenzie Delta. Beaufort Sea Project, Technical Report 8: 114 p.
- Ratynski, R.A., de March, L., and Smiley, B.D. 1988. Arctic data compilation appraisal, Vol. 15. Beaufort Sea: biological oceanography - fish, 1896-1985. Can. Data Rep. Hydrogr. Ocean Sci. No. 5: Part 1, 301 p.; Part 2, 290 p.
-

-
- Sekerak, A.D., Stallard, N., and Griffiths, W.B. 1992. Fish overwintering areas and habitats in the nearshore Beaufort Sea and Mackenzie Delta. Environmental Studies Research Fund, Calgary, Alberta. xxii + 157 p.
- Stewart, D.B., and Ratynski, R.A. 1994. Arctic Data Compilation and Appraisal update. Beaufort Sea: biological oceanography--fish, 1968-1993. Arctic Biological Consultants for Department of Fisheries and Oceans, Winnipeg. Prelim. Draft 113 pp.
- Stirling, I., Andriashek, D., Latour, P., and Calvert, W. 1975. The distribution and abundance of polar bears in the eastern Beaufort Sea. Beaufort Sea Project, Technical Report 2: ii + 59 p.
- Stirling, I., Kingsley, M.C.S., and Calvert, W. 1982. The distribution and abundance of ringed and bearded seals in the eastern Beaufort Sea, 1974-1979. Environment Canada, Canadian Wildlife Service, Occasional Paper Number 47: 25 p.
- Wacasey, J.W., Atkinson, E.G., Derick, L., and Weinstein, A. 1977. Zoobenthos data from the southern Beaufort Sea, 1971-1975. Environment Canada, Fisheries and Marine Service, Data Rep. Ser. No. 41: 187 p.
- Wagner, F.J.E. 1977. Recent mollusc distribution patterns and palaeobathymetry, southeastern Beaufort Sea. Can. J. Earth Sci. 14: 2013-2028.
- Wainwright, P.F., Smiley, B.D., and Blyth, A. 1987. Arctic data compilation appraisal, Vol. 11. Beaufort Sea: biological oceanography - marine zoobenthos, 1914-1986. Can. Data Rep. Hydrogr. Ocean Sci. No. 5: 367 p.
- Woods, S., and Smiley, B.D. 1987. Arctic data compilation appraisal, Vol. 9. Beaufort Sea: biological oceanography - bacteria, plankton, and epontic community, 1914 through 1985. Can. Data Rep. Hydrogr. Ocean Sci. No. 5: 412 p.

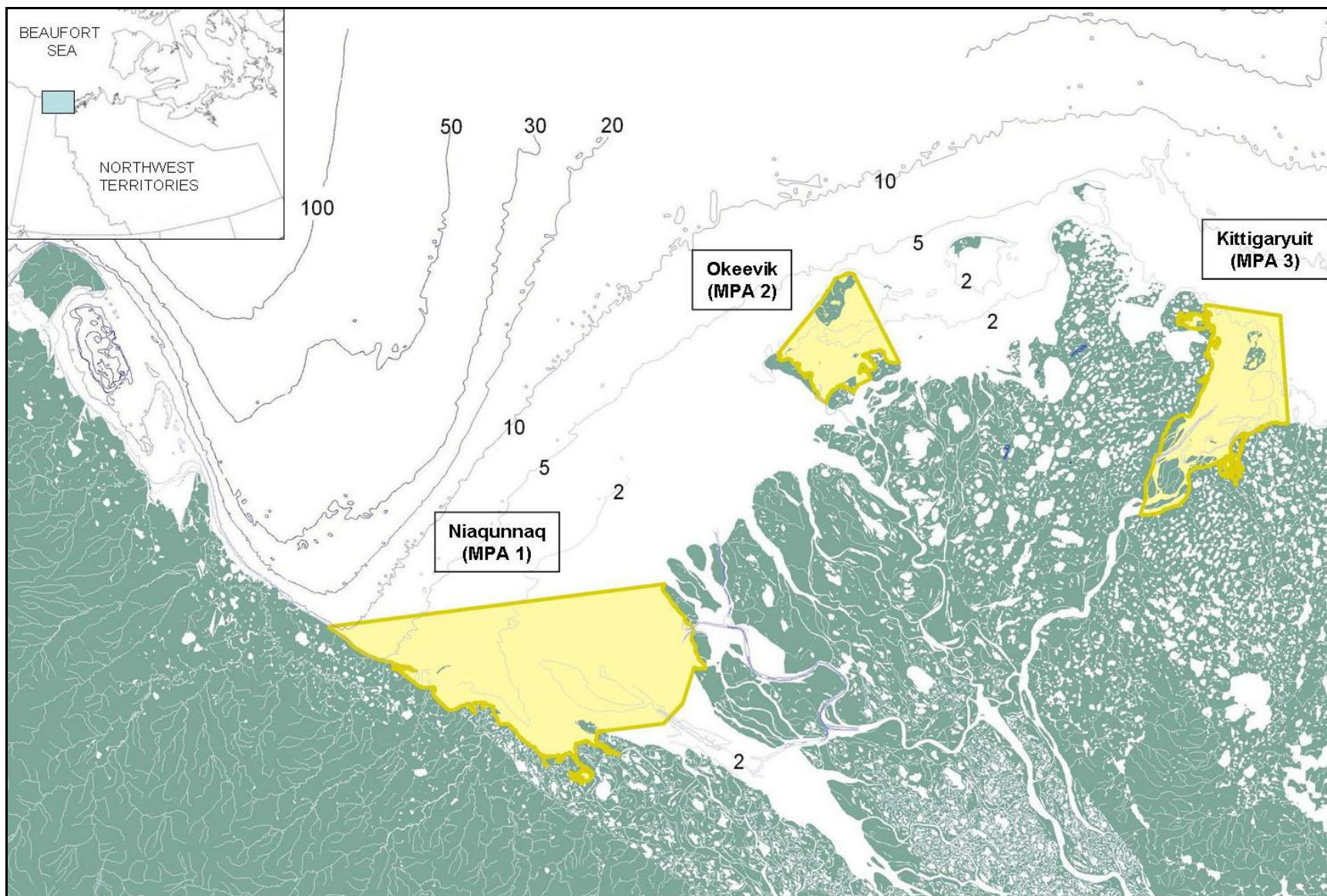


Figure 1. Map of the Tarium Niryutait Marine Protected Area (MPA) in the Canadian Beaufort Sea.

Table 1. Species reported from the Tarium Niryutait Marine Protected Area, or from nearby shallow coastal waters of the Canadian Beaufort Sea (<5 m depth). Taxa without species listed as present (P) were reported from other areas of the southern Beaufort Sea by the Northern Oil and Gas Action Program (NOGAP; Hopky et al. 1994e) or by Alsop (2002: birds). Organization of the table is discussed in text.

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
KINGDOM PLANTAE (plants)						
Division Chlorophyta (green algae)						
Class Chlorophyceae						
<i>Carteria</i> sp.	Diesing					
<i>Chlamydomonas</i> sp.	Ehrenberg, 1833				P	Ice cores (Hopky et al. 1994f: 5 m).
<i>Chlorococcus</i> sp.	Fries			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Kirchneriella lunaris</i>	(Kirchner) Moebius			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Koliella</i> sp.						
<i>Pyramidomonas grossi</i>	Parke					
<i>Scenedesmus</i> spp.	Meyen, 1829				P	Van Dorn or Niskin sampler (Foy and Hsiao 1976: MPA1, 5 m).
<i>Schroederia</i> sp.	Lemmermann			P		Ice cores (Hopky et al. 1994f: MPA3).
Division Chrysophyta (golden-brown algae)						
Class Chrysophyceae						
<i>Chrysochromulina</i> sp.	Lackey, 1938			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Chrysococcus</i> sp.	Klebs			P	P	Ice cores (Hopky et al. 1994f: MPA3, 5 m).
<i>Dinobryon</i> spp.	Ehrenberg, 18334	P				Van Dorn or Niskin sampler (Foy and Hsiao 1976: MPA1).
<i>Dinobryon balticum</i>	(Schütt) Lemmermann, 1900	P				Van Dorn or Niskin sampler (Foy and Hsiao 1976: MPA1).
<i>Ebria</i> spp.	Borgert, 1891				P	Water sample? (Duval 1977: 5 m).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Ebria tripartita</i>	(Schumann) Lemmermann 1899					
<i>Ochronomas sp.</i>	Wysotzki			P	P	Ice cores (Hopky et al. 1994f: MPA3, 5 m).
Division Cryptophycophyta						
Class Cryptophyceae						
<i>Cryptomonas sp.</i>	Ehrenberg			P		Ice cores (Hopky et al. 1994f: MPA3).
Division Euglenophycota (euglenoids)						
Class Euglenophyceae						
<i>Euglena proxima</i>	Dangeard, 1901					
<i>Euglena viridis</i>	Ehrenberg, 1830					
Division Pyrrophytophyta (dinoflagellates)						
Class Dinophyceae						
<i>Amphidinium sp.</i>	Claparide and Lachmann			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Gymnodinium sp.</i>	Stein				P	Ice cores (Hopky et al. 1994f: 5 m).
<i>Oxytoxum sp.</i>	Stein					
<i>Peridiniella catenata</i>	(Levander) Balech					
<i>Prorocentrum rampi</i>	Sournia					
<i>Proto-peridinium bipes</i>	(Paulsen, 1908) Balech					
<i>Proto-peridinium globulus var. ovatum</i>	(Diwald) Balech					
<i>Proto-peridinium grenlandicum</i>	(Woloszynska) Balech			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Proto-peridinium pellucidum</i>	Berg					

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
SUBKINGDOM CHROMISTA						
Division Baccillariophyta (diatoms)						
Class Bacillariophyceae						
<i>Achnanthes</i> spp.	Bory		P		P	Van Dorn or Niskin sampler (Foy and Hsiao 1976: MPA1, 5 m).
<i>Achnanthes taeniata</i>	Grunow, 1880					
<i>Amphiprora</i> spp.	Ehrenberg, 1841		P		P	Van Dorn or Niskin sampler (Foy and Hsiao 1976: MPA1, 5 m).
<i>Amphiprora alata</i>	(Ehrenberg, 1840) Kützing					
<i>Amphiprora gigantea</i> var. <i>septentrionalis</i>	(Grunow) Cleve, 1880					
<i>Amphiprora kjellmanii</i>	Cleve in Cleve and Grunow, 1880			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Amphiprora kjellmanii</i> var. <i>striolata</i>	(Grunow) Cleve, 1880					
<i>Amphiprora paludosa</i>	Wm. Smith, 1853					
<i>Amphiprora paludosa</i> var. <i>hyperborea</i>	(Grunow) Cleve, 1880					
<i>Amphiprora paludosa</i> var. <i>punctulata</i>	(Grunow) Cleve, 1880					
<i>Amphora</i> spp.	Ehrenberg and Kützing				P	Water sample? (Duval 1977: 5 m).
<i>Amphora</i> cf. <i>laevis laevissima</i>	(Gregory, 1857) Cleve, 1895					
<i>Amphora proteus</i>	Gregory, 1857					
<i>Asterionella</i> spp.	Hass.				P	Water sample? (Duval 1977: 5 m).
<i>Aulacoseira islandica</i>	(O. Müll.) Simonsen				P	Formerly <i>Melosira islandica</i> . Water sample? (Duval 1977: 5 m).
<i>Caloneis brevis</i>	(Gregory, 1857) Cleve, 1894			P		Ice cores (Hopky et al. 1994f: MPA3).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Caloneis liber</i>	(Wm. Smith, 1853) Cleve, 1894			P		Ice cores (Hopky et al. 1994f: MPA3). Van Dorn or Niskin sampler (Foy and Hsiao 1976: MPA1, 5 m). Formerly <i>Navicula scutelloides</i> .
<i>Cavinula scutelloides</i>	W. Sm.					
<i>Cerataulina pelagica</i>	(Cleve, 1889) Hendey, 1937					Water sample? (Duval 1977: 5 m). Ice cores (Hopky et al. 1994f: MPA3).
<i>Chaetoceros</i> spp. <i>Chaetoceros ceratosporum</i>	Ehrenberg Ostenfeld, 1910		P	P		
<i>Chaetoceros gracilis</i> <i>Chaetoceros septentrionalis</i> <i>Cocconeis</i> spp.	Paulsen, 1905 Ostrup, 1895 Ehrenberg				P	Van Dorn or Niskin sampler (Foy and Hsiao 1976: 5 m). Ice cores (Hopky et al. 1994f: MPA3).
<i>Cocconeis placentula</i> var. <i>euglypta</i>	(Ehrenberg, 1854) Grunow, 1884			P		
<i>Cocconeis scutellum</i> var. <i>stauroneiformis</i> <i>Coscinodiscus</i> spp.	Rabenhorst, 1864 Ehrenberg	P				Van Dorn or Niskin sampler (Foy and Hsiao 1976: MPA1, 5 m). Ice cores (Hopky et al. 1994f: MPA3).
<i>Coscinodiscus kuetzingii</i>	Schmidt, 1878			P		
<i>Cyclotella</i> spp.	(Kütz.) de Brebisson	P			P	Van Dorn or Niskin sampler (Foy and Hsiao 1976: MPA1, 5 m). Water sample? (Duval 1977: 5 m).
<i>Cyclotella compta</i>	(Ehrenberg, 1844) Kutzing					
<i>Cylindrotheca closterium</i>	(Ehrenberg, 1839) Reimann et Lewin					Ice cores (Hopky et al. 1994f: MPA3).
<i>Diatoma elongatum</i>	(Lyngbye, 1819) Agardh, 1824			P		
<i>Diploneis incurvata</i>	(Gregory, 1856) Cleve					Ice cores (Hopky et al. 1994f: MPA3).
<i>Diploneis litoralis</i> var. <i>clathrata</i>	(Ostrup, 1895)					

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Diploneis vacillans</i>	Cleve (A. Schmidt, 1875)					
<i>Eunotia lunaris</i>	Cleve (Ehrenberg, 1831)					
<i>Fragilaria</i> spp.	Brebisson Lyngbye, 1819				P	Water sample? (Duval 1977: 5 m).
<i>Fragilaria construens</i>	(Ehrenberg, 1841) Grunow			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Fragilaria islandica</i>	Grunow in Van Heurck, 1881			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Fragilaria pinnata</i>	Ehrenberg, 1841			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Fragilaria striatula</i>	Lyngbye, 1819			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Gomphonema</i> spp.	Agardh, 1824			P	P	Van Dorn or Niskin sampler (Foy and Hsiao 1976: 5 m) and ice cores (Hopky et al. 1994f: MPA3).
<i>Gomphonema exiguum</i>	Kutzing, 1844			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Gomphonema kamschaticum</i>	Grunow, 1878			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Gyrosigma cf. kuetzingii</i>	(Grunow, 1860)					
<i>Hannaea arcus</i>	Cleve (Ehrenb.) R.M. Patrick				P	Van Dorn or Niskin sampler (Foy and Hsiao 1976: 5 m).
<i>Hantzschia weyprechii</i>	Grunow, 1880					
<i>Licmophora gracilis var. anglica</i>	(Kutzing) Peragallo					
<i>Melosira</i> spp.	C.A. Agardh	P			P	Water sample (F.F. Slaney and Co. Ltd. 1975: MPA3, 5m; Duval 1977: 5 m) and Van Dorn or Niskin sampler (Foy and Hsiao 1976: MPA1, 5 m; Hsiao 1976: MPA1).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Melosira arctica</i>	Dickie in litt.			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Navicula</i> spp.	Bory, 1822	P			P	Van Dorn or Niskin sampler (Foy and Hsiao 1976: MPA1, 5 m). Water sample? (Duval 1977: 5 m).
<i>Navicula algida</i>	Grunow, 1884			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Navicula bahusiensis</i>	(Grunow in Van Heurck, 1880)			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Navicula directa</i>	(Wm. Smith, 1856) Ralfs			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Navicula directa</i> var. <i>cuneata</i>	Ostrup, 1895			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Navicula gastrum</i>	(Ehrenberg, 1841) Kutzing			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Navicula glacialis</i>	(Cleve, 1873) Grunow					
<i>Navicula gracilis</i>	Ehrenberg, 1830					
<i>Navicula kariana</i>	Grunow in Cleve & Grunow, 1880					
<i>Navicula maculosa</i>	Donkin, 1871			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Navicula marina</i>	Ralfs in Pritchard, 1861					
<i>Navicula pelagica</i>	Cleve, 1896					
<i>Navicula pygmaea</i>	Kutzing, 1849					
<i>Navicula rhynchocephala</i>	Kutzing, 1844					
<i>Navicula salinarum</i>	Grunow in Cleve & Muller, 1878			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Navicula scopulorum</i>	Brebisson in Kutzing, 1849					
<i>Navicula spicula</i>	(Hickie, 1874) Cleve			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Navicula vanhoeffenii</i>	Gran, 1897					

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Navicula vitrea</i>	Grunow in Cleve & Muller, 1879					
<i>Neidium bisulcatum</i>	(Lagerstedt, 1873) Cleve			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Neidum bisulcatum cf. var. undulata</i>	Muller, 1898			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Nitzschia</i> spp.	Hassal, 1845				P	Van Dorn or Niskin sampler (Foy and Hsiao 1976: MPA1, 5 m) Water sample? (Duval 1977: 5 m).
<i>Nitzschia acicularis</i>	(Kutzing, 1844) Wm. Smith					
<i>Nitzschia cf. acuminata</i>	(Wm. Smith, 1853) Grunow					
<i>Nitzschia angularis</i>	Wm. Smith, 1853					
<i>Nitzschia closterium</i>	(Ehrenberg, 1839) Wm. Smith				P	Van Dorn or Niskin sampler (Foy and Hsiao 1976: 5 m).
<i>Nitzschia cylindrus</i>	(Grunow) Hasle					
<i>Nitzschia fridiga</i>	Grunow, 1880			P	P	Ice cores (Hopky et al. 1994f: MPA3, 5 m).
<i>Nitzschia laevisissima</i>	Grunow in Cleve & Muller, 1882			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Nitzschia longissima</i>	(Brebisson in Kutzing) Grunow			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Nitzschia cf. palea</i>	(Kutzing, 1844) Wm. Smith			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Nitzschia plana</i>	Wm. Smith, 1853					
<i>Nitzschia polaris</i>	Grunow in Cleve & Muller, 1882					
<i>Nitzschia seriata</i>	Cleve, 1883					
<i>Nitzschia sigma</i>	(Kutzing, 1844) Wm. Smith			P		Ice cores (Hopky et al. 1994f: MPA3).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Nitzschia sigmaidea</i>	(Hitzsch, 1817) Wm. Smith					
<i>Nitzschia cf. thermalis</i>	(Ehrenberg, 1841)					
<i>Pinnularia cf. gibba</i>	Ehrenberg, 1841			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Pinnularia quadratarea</i>	(A. Sch.idt, 1874) Cleve			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Pinnularia quadratarea var. constricta</i>	(Ostrup, 1895) Heiden					
<i>Pinnularia quadratarea var. minor</i>	(Grunow, 1880) Cleve					
<i>Pleurosigma angulatum</i>	(Quekett, 1848) Wm. Smith					
<i>Pleurosigma angulatum var. strigosum</i>	(Wm. Smith, 1852) Van Heurck					
<i>Pleurosigma clevei</i>	Grunow, 1880					
<i>Pleurosigma elongatum</i>	Wm. Smith, 1852					
<i>Pleurosigma longum</i>	Cleve, 1873					
<i>Pleurosigma salinarum</i>	(Grunow, 1878) Grunow			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Porosira glacialis</i>	(Grunow) Jørgensen 1905				P	Van Dorn or Niskin sampler (Foy and Hsiao 1976: 5 m).
<i>Stauroneis sp.</i>	Verrill, 1900					
<i>Stauroneis cf. linearis</i>	Wm. Smith, 1853					
<i>Stauroneis quadripedis</i>	(Cleve-Euler, 1952) Hende			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Stauroneis septentrionalis</i>	Grunow, 1884					
<i>Stephanodiscus spp.</i>	Ehrenberg				P	Van Dorn or Niskin sampler (Foy and Hsiao 1976: 5 m).
<i>Stephanodiscus astraea</i>	(Ehrenberg, 1844) Grunow					
<i>Surirella spp.</i>	Turp.				P	Van Dorn or Niskin sampler (Foy and Hsiao 1976: 5 m).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Synedra acus</i>	Kutzing, 1844					
<i>Synedra camtschatica</i>	Grunow, 1862					
<i>Synedra hyperborea</i>	Grunow, 1884					
<i>Synedra pulchella</i>	(Ralfs, 1844) Kutzing					
<i>Synedra tabulata</i>	(Agardh, 1832) Kutzing			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Synedra tabulata var. fasciculata</i>	(Lyngbye, 1819?) Hustedt					
<i>Tabellaria flocculosa</i>	(Roth, 1797) Kutzing					
<i>Thalassionema nitzschioides</i>	(Grunow, 1862) Van Heurck			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Thalassiosira</i> spp.	P.T. Cleve	P			P	Van Dorn or Niskin sampler (Foy and Hsiao 1976: MPA1, 5 m). Water sample? (Duval 1977: 5 m).
<i>Thalassiosira baltica</i>	(Grunow, 1880) Ostenfeld					
<i>Thalassiosira gravida</i>	Cleve, 1896					
<i>Thalassiosira lacustris</i>	(Grunow) Hasle			P		Ice cores (Hopky et al. 1994f: MPA3).
<i>Thalassiosira nordenskiöldii</i>	Cleve				P	Water sample? (Duval 1977: 5 m).
<i>Thalassiothrix frauenfeldii</i>	(Grunow, 1863)					
<i>Thalassiothrix longissima</i>	Cleve & Grunow in Cleve & Muller, 1878			P		Ice cores (Hopky et al. 1994f: MPA3).
KINGDOM MONERA (monerans)						
Phylum Cyanophyta (blue-green algae)		P			P	Van Dorn or Niskin sampler (Foy and Hsiao 1976: MPA1, 5 m).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
KINGDOM PROTOZOA (protozoans)						
Phylum Ciliophora					P	In benthic grabs (Hopky et al. 1994d: 5 m). F. Tintinnidiidae?
Phylum Protozoa						
Subphylum Sarcodina						
Class Granuloreticulosea						
Order Foraminiferida					P	In benthic grabs (F.F. Slaney and Co. Ltd. 1975: 5 m; Hopky et al. 1994d: 5 m).
Suborder Miliolina						
Family Miliolidae						
<i>Quinqueloculina sp.</i>	d'Orbigny, 1826					
<i>Quinqueloculina seminulum</i>	Linnaeus					
Suborder Rotaliina						
Family Elphidiidae						
Family Globigerinidae						
<i>Globigerina sp.</i>	d'Orbigny, 1826					
Family Nodosariidae						
<i>Dentalina sp.</i>	d'Orbigny, 1826					
<i>Dentalina trujilloi</i>	Loeblich & Tappan					
Family Polymorphinidae						
<i>Eoquittulina anglica</i>	Cushman and Ozwa, 1930					
<i>Pseudopolymorphina sp.</i>	Suzin					
Suborder Textulariina						
Phylum Sarcomastigophora						
Subphylum Mastigophora						
Class Phytomastigophora						
Order Dinoflagellida						

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
KINGDOM ANIMALIA (animals)						
Phylum Annelida (annelids)						
Class Clitellata						
Subclass Hirudinea (leeches)	Lamarck, 1818					
Order Rhynchobdellida	Blanchard, 1894					
Family Piscicolidae	Johnston, 1865					
<i>Myzobdella lugubris</i>	Leidy, 1851					
Subclass Oligochaeta (earthworms)			P		P	Benthic grabs (F.F. Slaney and Co. Ltd. 1975: MPA2, 5m; KAVIK-AXYS Inc. 2004a: MPA2, 5 m).
Order Haplotaxida						
Family Tubificidae						
<i>Pelosclex sp.</i>	Leidy, 1851	P			P	Benthic grab (Wacasey et al. 1977: MPA1, 5 m).
<i>Tubificoides sp.</i>	Lastockin, 1937					
<i>Tubificoides cuspietosus</i>	Baker, 1983					
Class Polychaeta (polychaetes)			P		P	In plankton tows (Hopky et al. 1994b: 5 m) and benthic grabs (F.F. Slaney and Co. Ltd. 1975: MPA2, 5m; Hopky et al. 1994d: 5m).
Subclass Palpata						
Order Aciculata						
Suborder Eunicida						
Family Dorvilleidae	Chamberlin, 1919					
<i>Schistomeringos sp.</i>	Jumars, 1974					
<i>Schistomeringos caeca</i>	(Webster & Benedict, 1884)				P	In benthic grabs (Hopky et al. 1994d: 5 m).
Family Lumbrineridae	Schamarda, 1861					
<i>Lumbrineris minuta</i>	Theel, 1879					
Family Onuphidae	Kinberg, 1865					
<i>Nothria conchylega</i>	M. Sars, 1835					

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
Suborder Phyllodocida						
Family Hesionidae	Grube, 1850					
<i>Nereimyra sp.</i>	Blainville, 1828				P	In benthic grabs (Hopky et al. 1994d: 5 m).
<i>Nereimyra aphroditoides</i>	Fabricius				P	In benthic grabs (Wacasey et al. 1977: 5 m; Hopky et al. 1994d: 5 m).
Family Nephtyidae	Grube, 1850					
<i>Micronephthys sp.</i>	Friedrich, 1939				P	In benthic grabs (Hopky et al. 1994d: 5 m).
<i>Micronephthys minuta</i>	(Theel, 1879)	P			P	Benthic grabs (Wacasey et al. 1977: MPA1, 5 m).
<i>Nephtys sp.</i>	Cuvier, 1817					
<i>Nephtys ciliata</i>	(Muller, 1789)					
<i>Nephtys neotena</i>	(Noyes, 1980)				P	In benthic grabs (Hopky et al. 1994d: 5 m).
Family Nereididae	Johnston, 1865					
<i>Nereis sp.</i>	Linnaeus, 1758					
<i>Nereis pelagica</i>	Linnaeus, 1758					
Family Pholoidae	Kinberg, 1858					
<i>Pholoe sp.</i>	Johnston, 1839					
<i>Pholoe longa</i>	(Muller)				P	In benthic grabs (Hopky et al. 1994d: 5 m).
<i>Pholoe cf. longa</i>						
Family Phyllodocidae	Oersted, 1843					
<i>Eteone sp.</i>	Savigny, 1817					
<i>Eteone flava</i>	(Fabricius, 1780)					
<i>Eteone longa</i>	(Fabricius, 1780)					
<i>Eteone spetzbergensis</i>	Malmgren, 1865					
<i>Pelagobia sp.</i>	Greeff					
<i>Phyllodoce groenlandica</i>	Oersted, 1842				P	In benthic grabs (Hopky et al. 1994d: 5 m).
Family Polynoidae	Malmgre, 1867					

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Antinoella sp.</i>	Augener, 1928					
<i>Antinoella badia</i>	Theel					
<i>Bylgides sp.</i>						
<i>Bylgides sarsi</i>	(Kinberg, 1862)				P	Benthic grabs (Wacasey 1977: 5 m; Hopky et al. 1994d: 5 m). Formerly <i>Antinoella sarsi</i> .
<i>Gattyana sp.</i>	McIntosh, 1897				P	In benthic grabs (Hopky et al. 1994d: 5 m).
<i>Gattyana cirrosa</i>	(Pallas, 1766)					
<i>Harmothoe extenuata</i>	(Grube, 1840)					
<i>Melaenis loveni</i>	Malmgren, 1865					
Family Sphaerodoridae						
<i>Sphaerodoropsis sp.</i>	Hartman & Fauchald, 1971					
<i>Sphaerodoropsis minuta</i>	Webster & Benedict					
Family Syllidae	Grube, 1850					
<i>Autolytus sp.</i>	Grube, 1850					
<i>Autolytus alexandri</i>	Malmgren, 1867					
<i>Autolytus cornutus</i>	Agassiz, 1863				P	In neuston and bongo nets (Hopky et al. 1994a+c: 5 m).
<i>Autolytus prismaticus</i>	(Gabricius, 1780)					
<i>Exogone gemmifera</i>	Pagenstecher					
<i>Odontosyllis sp.</i>	Claparede, 1863					
Order Canalipalpata						
Family Ampharetidae	Malmgren, 1866					
<i>Ampharete acutifrons</i>	(Grube, 1860)					
<i>Ampharete vega</i>	(Wiren, 1883)	P			P	In benthic grabs (Wacasey et al. 1977: MPA1, 5 m; Hopky et al. 1994d: 5 m; KAVIK-AXYS Inc. 2004a: 5 m) and fish stomachs (Atkinson and Percy 1991: 5 m).
<i>Lysippe labiata</i>	Malmgren, 1865					

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Sosane sulcata</i> Family Cirratulidae	Malmgren, 1865 Ryckholt, 1851				P	In benthic grabs (Hopky et al. 1994d: 5 m).
<i>Chaetozone sp.</i>	Malmgren, 1867	P			P	Benthic grabs (Wacasey et al. 1977: MPA1, 5 m).
<i>Tharyx sp.</i>	Webster & Benedict, 1884		P		P	In benthic grabs (Hopky et al. 1994d: 5 m; KAVIK-AXYS Inc. 2004a: MPA2).
Family Pectinariidae <i>Pectinaria sp.</i> <i>Pectinaria hyperborea</i>	Quatrefages, 1866 Malmgren, 1865 (Malmgren, 1865)					
Family Sabellidae <i>Euchone sp.</i> <i>Euchone analis</i>	Malmgren, 1867 Malmgren, 1866 (Krøyer, 1856)				P	In benthic grabs (Hopky et al. 1994d: 5 m).
<i>Euchone papillosa</i> <i>Fabricia sp.</i>	(M. Sars, 1851) Blainville, 1828 Grube, 1850					
Family Spionidae <i>Laonice cirrata</i> <i>Malacoceros fuliginosus</i>	(M. Sars, 1851) (Claparede, 1868)	P			P	Benthic grab (Wacasey et al. 1977: MPA1, 5 m).
<i>Polydora sp.</i> <i>Polydora ciliata complex</i> <i>Polydora quadrilobata</i>	Bosc, 1801 (Johnston, 1838) Jacobi, 1883			P	P	In bongo nets (Hopky et al. 1994c: 5 m), and benthic grabs (Hopky et al. 1994d, 5 m; KAVIK-AXYS Inc. 2004a: MPA2, 5 m).
<i>Prionospio cirrifera</i>	Wiren, 1883	P	P		P	Benthic grabs (Wacasey et al. 1977: MPA1, 5 m; Hopky et al. 1994d: 5 m; KAVIK-AXYS Inc. 2004a: MPA2).
<i>Scolecopides arctius</i>	Chamberlin, 1920				P	In benthic grabs (Hopky et al. 1994d: 5 m).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
Family Terebellidae	Malmgren, 1867					
<i>Amphitrite sp.</i>	O.F. Muller, 1771				P	In benthic grabs (Hopky et al. 1994d: 5 m).
<i>Amphitrite cirrata</i>	Muller, 1776				P	In benthic grabs (Hopky et al. 1994d: 5 m).
<i>Lanassa sp.</i>	Malmgren, 1865				P	In benthic grabs (Hopky et al. 1994d: 5 m).
<i>Lanassa sp. nr L. venusta</i>	Malmgren, 1874				P	In benthic grabs (Hopky et al. 1994d: 5 m).
<i>Lanassa nordenskioldi</i>	Malmgren, 1865					
<i>Lysilla loveni</i>	Malmgren, 1865					
Family Trichobranchidae						
<i>Terebellides stroemi</i>	M. Sars, 1835				P	Benthic grabs (Wacasey et al. 1977: 5 m; Hopky et al. 1994d: 5 m).
Family Trochochaetidae						
<i>Trochochaeta carica</i>	Pettibone, 1963	P				Benthic grabs (Wacasey et al. 1977: MPA1).
Subclass Scolecida						
Family Capitellidae						
<i>Capitella sp.</i>	Grube, 1862 Blainville, 1828				P	In benthic grabs (Hopky et al. 1994d: 5 m).
<i>Capitella capitata</i>	(Fabricius, 1780)				P	Benthic grabs (Wacasey et al. 1977: 5 m).
Family Cossuridae						
<i>Cossura sp.</i>	Day, 1963 Webster & Benedict, 1887				P	In benthic grabs (Hopky et al. 1994d: 5 m).
<i>Cossura longocirrata</i>	Webster & Benedict, 1887		P		P	In benthic grabs (Hopky et al. 1994d: 5 m; KAVIK-AXYS Inc. 2004a: MPA2, 5 m).
Family Maldanidae						
<i>Maldane sarsi</i>	Malmgren, 1867 Malmgren, 1865					
Family Opheliidae	Malmgren, 1867					

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Ophelina cylindricaudatus</i>	(Hansen, 1879)					
Family Orbiniidae	Hartman, 1942					
<i>Scoloplos sp. cf. pugettens</i>	Pettibone, 1957					
Phylum Arthropoda (arthropods)						
Subphylum Chelicerata						
Class Arachnida						
Subclass Acari					P	In benthic grabs (Hopky et al. 1994d: 5 m).
Order Sarcoptiformes						
Family Hydrozetidae	Grandjean, 1954					
<i>Hydrozetes sp.</i>	Berlese, 1902					
Order Trombidiformes						
Suborder Prostigmata						
Family Halacaridae						
<i>Halacarus basteri basteri</i>	(Johnston)				P	In benthic grabs (Hopky et al. 1994d: 5 m). Not listed in ITIS.
Family Hydrachnidae (water mites)						
<i>Hydracarina sp.</i>					P	Bongo tows (KAVIK-AXYS Inc. 2004a: 5 m).
Family Pionidae						
<i>Piona exilis</i>	(Wolcott, 1902)					
<i>Tiphys sp.</i>	Koch, 1836				P	In benthic grabs (Hopky et al. 1994d: 5 m).
Family Unionicolidae						
<i>Neumania kodiakica</i>	Neuman, 1880					
<i>Unionicola sp.</i>	Haldeman, 1842					
<i>Unionicola crassipes laurentia</i>	(Crowell & Davids)					
Class Pycnogonida (sea spiders)						
Order Pantopoda						
Family Nymphonidae						
<i>Nymphon grossipes</i>	Fabricius, 1780					
Family Tanastylidae						

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
Subphylum Crustacea (crustaceans)	Brünnich, 1772					
Class Branchiopoda	Latreille, 1817					
Subclass Phyllopoda	Preuss, 1951					
Order Diplostraca	Gerstaecker, 1866					
Suborder Cladocera	Latreille, 1829				P	Horizontal tows (F.F. Slaney and Co. Ltd. 1975: 5 m) and benthic grabs (Hopky et al. 1994d: 5 m).
Family Bosminidae	Baird, 1845					
<i>Bosmina sp.</i>	Baird, 1845			P	P	Vertical zooplankton hauls (Grainger 1975: MPA3, 5 m) and bongo and neuston tows (Hopky et al. 1994b+c: MPA3).
<i>Bosmina longirostris</i>	(O.F. Müller, 1776)				P	Bongo tows (KAVIK-AXYS Inc. 2004a: 5 m).
Family Daphniidae	Strauss, 1820					
<i>Daphnia sp.</i>	O.F. Müller, 1785	P		P	P	Vertical zooplankton hauls (Grainger 1975: MPA1, MPA3, 5 m) and bongo nets (Hopky et al. 1994c: 5 m).
<i>Daphnia geleata mendotae</i>	G.O. Sars, 1864		P		P	Bongo tows (KAVIK-AXYS Inc. 2004a: MPA2, 5 m).
<i>Daphnia longispina</i>	(O.F. Müller, 1785)					
<i>Daphnia cf. pulex</i>	Leydig, 1860		P		P	Bongo tows (KAVIK-AXYS Inc. 2004a: MPA2, 5 m).
<i>Daphnia retrocurva</i>	Forbes, 1882				P	Bongo tows (KAVIK-AXYS Inc. 2004a: 5 m).
Family Holopediidae	Sars, 1865					
<i>Holopedium gibberum</i>	Zaddach, 1855				P	Bongo tows (KAVIK-AXYS Inc. 2004a: 5 m).
Family Podonidae	Mordukhai-Boltovskoi, 1968					
<i>Podon sp.</i>	Lilljeborg, 1853					

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Podon leuckartii</i>	(G.O. Sars, 1862)				P	In bongo nets (Hopky et al. 1994c: 5 m) and larval fish stomach (Chiperzak et al. 2003c: 5 m).
Class Malacostraca	Latreille, 1802					
Subclass Eumalacostraca	Grobben, 1892					
Superorder Eucarida						
Order Decapoda	Latreille, 1802				P	In benthic grabs (Hopky et al. 1994d: 5 m).
Family Crangonidae	Haworth, 1825					
<i>Argis sp.</i>	Krøyer, 1842					
<i>Argis dentata</i>	(M.J. Rathbun, 1902)					
<i>Sabinea septemcarinata</i>	(Sabine, 1824)				P	In bongo nets (Hopky et al. 1994b+c: 5 m).
Family Hippolytidae	Dana, 1852					
<i>Eualus sp.</i>	Thallwitz, 1892					
<i>Eualus gaimardii</i>	(H. Milne-Edwards, 1837)				P	In bongo nets (Hopky et al. 1994b+c: 5 m).
<i>Lebbus sp.</i>	White, 1847					
<i>Lebbus polaris</i>	(Sabine, 1824)				P	In bongo nets (Hopky et al. 1994b+c: 5 m).
<i>Spirontocaris sp.</i>	Bate, 1888					
<i>Spirontocaris phippsi</i>	(Krøyer, 1841)					
Family Oregoniidae	Garth, 1958					
<i>Hyas sp.</i>	Leach, 1815				P	In bongo nets (Hopky et al. 1994c: 5 m).
Family Paguridae	Latreille, 1802					
Order Euphausiacea	Dana, 1852				P	In bongo nets (Hopky et al. 1994c: 5 m).
Family Euphausiidae	Dana, 1852					
<i>Thysanoessa sp.</i>	Brandt, 1851				P	In bongo nets (Hopky et al. 1994c: 5 m).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Thysanoessa inermis</i>	(Krøyer, 1846)			P	P	In bongo nets (Hopky et al. 1994c: MPA3; Hopky et al. 1994b: 5 m). In bongo nets (Hopky et al. 1994c: MPA3; Hopky et al. 1994b: 5 m).
<i>Thysanoessa raschii</i>	(M. Sars, 1864)			P	P	
Superorder Peracarida	Calman, 1904					
Order Amphipoda	Latreille, 1816		P	P	P	Benthic grabs (F.F. Slaney and Co. Ltd. 1975: MPA2, 5m) and neuston and bongo nets (Hopky et al. 1994a+b: MPA2, MPA3, 5 m). Originally listed as F. Atylida, which is now a junior synonym of F. Dexaminidae.
Family Ampeliscidae	Costa, 1857					
<i>Ampelisca macrocephala</i>	Lilljeborg, 1852					
<i>Byblis gaimardi</i>	(Krøyer, 1846)					
Family Aoridae	Walker, 1908					
<i>Lembos</i> sp.	Bate, 1857					
<i>Lembos</i> (=Arctolembos) <i>arcticus</i>	(H.J. Hansen, 1886)					
<i>Lembos</i> (=Arctolembos) <i>borealis</i>	Myers, 1976					Not listed in ITIS.
Family Calliopiidae	Sars, 1893					
<i>Apherusa</i> sp.	Walker, 1891					
<i>Apherusa glacialis</i>	(Hansen, 1887)		P		P	In plankton nets (Hopky et al. 1994a+b: MPA2, 5 m) and benthic grabs (KAVIK-AXYS Inc. 2004a: MPA2, 5 m).
<i>Apherusa megalops</i>	(Buchholz, 1874)					
<i>Haliragoides inermis</i>	(G.O. Sars, 1882)					
<i>Weyprechtia heuglini</i>	(Buchholz, 1874)				P	In bongo net (Hopky et al. 1994c: 5 m).
Family Corophiidae	Leach, 1814					
Family Dexaminidae	Leach, 1814					Originally listed as F. Atylida, which is now a junior synonym of F. Dexaminidae.

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Atylus carinatus</i> Family Epimeriidae	(J.C. Fabricius, 1793) Boeck, 1871	P				Benthic grabs (Wacasey et al. 1977: MPA1). Originally listed as F. Paramphithoidae, which is now a junior synonym of F. Epimeriidae.
<i>Paramphithoe polycantha bruggeni</i> Family Eusiridae	Gurjanova, 1951 Stebbing, 1888					
<i>Rhachotropis aculeata</i>	(Lepechin, 1780)					
<i>Rhachotropis oculata</i>	(Hansen, 1887)					
<i>Rhachotropis tumida</i>	G.O. Sars, 1895					Not listed in ITIS.
Family Gammaracanthidae	Bousefield, 1989					
<i>Gammaracanthus sp.</i>	Bate, 1862				P	Horizontal tows (F.F. Slaney and Co. Ltd. 1975; 5 m).
<i>Gammaracanthus loricatus</i>	(Sabine, 1821)	P			P	Benthic grabs (Wacasey et al. 1977: MPA1) and bongo net (Hopky et al. 1994b+c: 5 m).
Family Gammaridae	Latreille, 1802					
<i>Gammarus sp.</i>	J.C. Fabricius, 1775					
<i>Gammarus oceanicus</i>	Segerstråle, 1947				P	In fish stomachs (Atkinson and Percy 1991: 5 m).
<i>Gammarus setosus</i>	Dementieva, 1931	P			P	Dip net (Atkinson and Wacasey 1989: MPA1) and benthic grab (Wacasey et al. 1977: 5 m).
<i>Gammarus wilkitzkii</i>	Birula, 1897			P		In neuston net (Hopky et al. 1994c: MPA3).
Family Hyperiididae	Dana, 1853				P	In bongo nets (Hopky et al. 1994b: 5 m).
<i>Hyperia sp.</i>	Latreille in Desmarest, 1823				P	In bongo nets (Hopky et al. 1994a: 5 m).
<i>Hyperia galba</i>	(Montagu, 1813)				P	In bongo nets (Hopky et al. 1994b+c: 5 m).
<i>Hyperia medusarum</i>	(O.F. Muller, 1776)					

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Hyperoche medusarum</i>	(Krøyer, 1838)				P	In bongo net (Hopky et al. 1994b: 5 m).
<i>Themisto sp.</i>	Guérin-Méville, 1825					Listed in the original as <i>Parathemisto sp.</i>
<i>Themisto abyssorum</i>	(Boeck, 1870)				P	In bongo net (Hopky et al. 1994b+c: 5 m). Listed in the original as <i>Parathemisto abyssorum</i> .
<i>Themisto libellula</i>	(Lichtenstein, 1822)				P	In bongo net (Hopky et al. 1994c: 5 m). Listed in the original as <i>Parathemisto libellula</i> .
Family Isaeidae	Dana, 1853					
<i>Protomedeia fasciata</i>	Krøyer, 1842					
Family Ischyroceridae	Stebbing, 1899					
<i>Ericthonius sp.</i>	Milne-Edwards, 1830					
<i>Ischyrocerus sp.</i>	Krøyer, 1838					
<i>Ischyrocerus commensalis</i>	Chevreaux, 1900					
<i>Ischyrocerus latipes</i>	Krøyer, 1842					
Family Lysianassidae	Dana, 1849					
<i>Boeckosimus sp.</i>	J.L. Barnard, 1969				P	Horizontal trawls (F.F. Slaney and Co. Ltd. 1975: MPA2, 5 m).
<i>Boeckosimus affinus</i>	(Hansen, 1887)	P			P	Benthic grabs (Wacasey et al. 1977: MPA1, 5 m; Hopky et al. 1994d: 5 m), bongo nets (Hopky et al. 1994b: 5 m), and fish stomachs (Atkinson and Percy 1991: 5 m).
<i>Boeckosimus plautus</i>	Krøyer, 1846				P	Benthic grabs (Wacasey et al. 1977: 5 m).
<i>Orchomene sp.</i>	Boeck, 1871				P	In bongo net (Hopky et al. 1994b+c: 5 m).
<i>Orchomene minuta</i>	Krøyer, 1846					

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Orchomene pinguis</i>	Boeck, 1861					
<i>Socarnes bidenticulatus</i>	(Bate, 1858)					
Family Melitidae	Bousfield, 1973					
<i>Ceradocus torelli</i>	Goes, 1866					
<i>Melita dentata</i>	Krøyer, 1842					
<i>Melita formosa</i>	J. Murdoch, 1885					
Family Oedicerotidae	Lilljeborg, 1865					
<i>Acanthostepheia sp.</i>	Boeck, 1871					
<i>Acanthostepheia behringiensis</i>	(Lockington, 1877)				P	In benthic grabs (Hopky et al. 1994d: 5 m).
<i>Acanthostepheia malmgreni</i>	(Goës, 1886)				P	In neuston tows (Hopky et al. 1994a: 5 m) and fish stomachs (Atkinson and Percy 1991: 5 m).
<i>Aceroides sp.</i>	G.O. Sars, 1895				P	In benthic grabs (Hopky et al. 1994d: 5 m).
<i>Aceroides latipes</i>	(G.O. Sars, 1882)				P	Vertical zooplankton hauls (Grainger and Grohe 1975: 5 m), benthic grabs (Wacasey et al. 1977: 5 m) and fish stomachs (Atkinson and Percy 1991: 5 m).
<i>Arrhis phyllonyx</i>	M. Sars, 1858					
<i>Monoculodes sp.</i>	Stimpson, 1853	P			P	Vertical zooplankton hauls (Grainger and Grohe 1975: 5 m) and benthic grabs (Wacasey et al. 1977: MPA1, 5 m).
<i>Monoculodes borealis</i>	Boeck, 1871		P		P	Bongo tows (KAVIK-AXYS Inc. 2004a: MPA2, 5 m) and benthic grabs (KAVIK-AXYS Inc. 2004a: 5 m).
<i>Monoculodes packardi</i>	Boeck, 1871			P	P	In neuston (Hopky et al. 1994b: MPA3) and bongo nets (Hopky et al. 1994a: 5 m).
<i>Oediceros sp.</i>	Krøyer, 1842					

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Oediceros saginatus</i> <i>Paroediceros sp.</i> <i>Paroediceros lynceus</i>	Krøyer, 1842 G.O. Sars, 1895 (M. Sars, 1858)				P	In bongo nets (Hopky et al. 1994b: 5 m), benthic grabs (Hopky et al. 1994d: 5 m; Wacasey et al. 1977: 5 m), and fish stomachs (Atkinson and Percy 1991: 5 m).
<i>Paroediceros propinquus</i>	(Goës, 1886)			P	P	In bongo nets (Hopky et al. 1994b: MPA3, 5 m).
Family Phoxocephalidae <i>Harpinia serrata</i> <i>Paraphoxus oculatus</i>	Sars, 1891 G.O. Sars, 1879 (G.O. Sars, 1879)					
Family Pleustidae <i>Neopleustes eucanthus</i> <i>Pleustes sp.</i>	Buchholz, 1874 (G.O. Sars, 1876) Bate, 1858					Not listed in ITIS.
Family Podoceridae <i>Dyopedos porrectus</i> <i>Podocerus falcatus</i>	Leach, 1814 Bate, 1857 Bate, 1857					Not listed in ITIS.
Family Pontoporeiidae <i>Monoporeia affinis</i>	Dana, 1853 (Lindstrom, 1855)	P				(National Museum of Nature, Ottawa: MPA1).
<i>Pontoporeia sp.</i>	Krøyer, 1842		P	P	P	Horizontal trawls (F.F. Slaney and Co. Ltd. 1975: MPA2, 5 m) and neuston tows (Hopky et al. 1994c: MPA3).
<i>Pontoporeia affinis</i>	Lindstrom, 1855	P	P		P	Benthic grabs (Wacasey et al. 1977: MPA1, 5 m; KAVIK-AXYS Inc. 2004a: 5 m), plankton nets (Hopky et al. 1994a: 5 m), bongo tows (KAVIK-AXYS Inc. 2004a: MPA2, 5 m), and fish stomachs (Atkinson and Percy 1991: 5 m).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Pontoporeia anophthalma</i>		P				(National Museum of Nature, Ottawa: MPA1). Not listed in ITIS.
<i>Pontoporeia femorata</i>	Krøyer, 1842	P			P	Benthic grab (Wacasey et al. 1977: MPA1, 5 m; KAVIK-AXYS Inc. 2004a: 5 m), bongo net (Hopky et al. 1994b: 5 m; KAVIK-AXYS Inc. 2004a: 5 m) and fish stomachs (Atkinson and Percy 1991: 5 m).
<i>Pontoporeia leucothalma</i>		P				(National Museum of Nature, Ottawa: MPA1). Not listed in ITIS.
<i>Pontoporeia monospina</i>					P	(National Museum of Nature, Ottawa: 5M). Not listed in ITIS.
Family Stegocephalidae	Dana, 1853					
<i>Andaniella pectinata</i>	G.O. Sars, 1895					
<i>Stegocephalus inflatus</i>	Krøyer, 1842					
Family Stenothoidae	Boeck, 1871					
<i>Metopa sp.</i>	Boeck, 1871				P	In benthic grabs (Hopky et al. 1994d: 5 m).
<i>Metopa longirama</i>	Dunbar, 1942				P	In bongo net (Hopky et al. 1994b: 5 m).
Family Synopiidae	Dana, 1853					
<i>Syrrhoe crenulata</i>	Goës, 1866					
Family Uristidaea	Hurley, 1963					
<i>Anonyx sp.</i>	(Krøyer, 1838)					
<i>Anonyx laticoxae</i>	Gurjanova, 1962					
<i>Anonyx nugax</i>	(Phipps, 1774)				P	In benthic grabs (Hopky et al. 1994d: 5 m).
<i>Onisimus sp.</i>	Boeck, 1871			P		In bongo and neuston nets (Hopky et al. 1994b: MPA3).
<i>Onisimus glacialis</i>	G.O. Sars, 1900	P	P		P	In benthic grabs (Wacasey et al. 1977: MPA1; Hopky et al. 1994d: 5 m; KAVIK-AXYS Inc. 2004a:

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Onisimus littoralis</i>	(Krøyer, 1845)		P		P	5 m) and bongo tows (KAVIK-AXYS Inc. 2004a: MPA2, 5 m). In benthic grabs (Hopky et al. 1994d: 5 m; Wacasey et al. 1977: 5 m; KAVIK-AXYS Inc. 2004a: MPA2, 5 m), bongo tows (KAVIK-AXYS Inc. 2004a: MPA2, 5 m) and fish stomachs (Atkinson and Percy 1991: 5 m).
<i>Onisimus nanseni</i>	G.O. Sars, 1900		P	P	P	In plankton nets (Hopky et al. 1994b: MPA3; Hopky et al. 1994a: 5 m), benthic grabs (Hopky et al. 1994d: 5 m) and bongo tows (KAVIK-AXYS Inc. 2004a: MPA2, 5 m).
Order Cumacea	Krøyer, 1846			P		Neuston tows (Hopky et al. 1994b: MPA3).
Family Diastylidae	Bate, 1856					
<i>Brachydiastylis nimia</i>	Hansen, 1920					Not listed in ITIS.
<i>Diastylis sp.</i>	Say, 1818					In vertical zooplankton hauls (Grainger and Grohe 1975: 5 m).
<i>Diastylis edwardsi</i>	(Krøyer, 1841)					
<i>Diastylis goodsiri</i>	(T. Bell, 1855)					
<i>Diastylis lepechini</i>	Zimmer, 1926					
<i>Diastylis rathkei</i>	(Krøyer, 1841)				P	In bongo net (Hopky et al. 1994b: 5 m; KAVIK-AXYS Inc. 2004a: 5 m) and benthic grabs (Hopky et al. 1994d: 5 m; KAVIK-AXYS Inc. 2004a: 5 m).
<i>Diastylis spinulosa</i>	Heller, 1875					

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Diastylis sulcata</i>	Calman, 1912				P	Benthic grabs (Wacasey et al. 1977: 5 m) and fish stomachs (Atkinson and Percy 1991: 5 m).
<i>Leptostylis sp.</i> <i>Leptostylis longimana</i>	G.O. Sars, 1869 (G.O. Sars, 1864)		P		P	In benthic grabs (Hopky et al. 1994d: 5 m; KAVIK-AXYS Inc. 2004a: 5 m) and bongo tows (KAVIK-AXYS Inc. 2004a: MPA2, 5 m).
Family Leuconidae <i>Eudorella sp. near hirsuta</i> <i>Leucon sp.</i> <i>Leucon fulvus</i> <i>Leucon nasica</i>	Sars 1878 G.O. Sars, 1871 Krøyer, 1846 G.O. Sars, 1865 (Krøyer, 1841)					Not listed in ITIS.
Family Pseudocumatidae <i>Petalosarsia declivis</i> <i>Pseudocuma sp.</i> <i>Pseudocuma gibsoni</i>	Sars, 1878 (G.O. Sars, 1865) G.O. Sars, 1865 Bacescu, 1950					Listed in the original as <i>Pseudocuma longicornis</i> , which is now a junior synonym of <i>Pseudocuma gibsoni</i> .
Order Isopoda	Latreille, 1817		P		P	Benthic grabs (F.F. Slaney and Co. Ltd. 1975: MPA2, 5m).
Suborder Asellota Family Desmosomatidae <i>Desmosoma lineare</i> <i>Eugerdia glopiceps</i>	Latreille, 1802 Sars, 1899 G.O. Sars, 1864 G.O. Sars, 1864					Not listed in ITIS. Originally listed as F. Eurycopidae, which is now a junior synonym of F. Munnopsidae.
Family Munnopsidae <i>Munnopsis sp.</i> <i>Munnopsis typica</i>	M. Sars, 1897 M. Sars, 1861				P	In bongo net (Hopky et al. 1994b: 5 m).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Munnopsurus giganteus</i> Suborder Epicaridea Family Bopyridae	(G.O. Sars, 1877) Latreille, 1831 Rafinesque- Schmaltz, 1815					
<i>Hemiarthrus abdominalis</i>	(Krøyer, 1840)					Originally reported as genus <i>Phryxus</i> , which is now invalid and has been changed to <i>Hemiarthrus</i> .
Family Dajidae <i>Dajus sp.</i> <i>Dajus mysidis</i>	Krøyer, 1846 Krøyer, 1846				P	In bongo nets (Hopky et al. 1994c: 5 m). Not in ITIS but listed in Canadian Registry of Marine Species.
Suborder Valvifera Family Chaetillidae <i>Saduria sp.</i>	Sars, 1882 Dana, 1849 Adams, 1852					
<i>Saduria entomon</i>	(Linnaeus, 1758)	P	P	P	P	Originally listed as genus <i>Mesidotea</i> , which is now invalid and has been renamed <i>Saduria</i> . Benthic grabs (Wacasey et al. 1977: MPA1, 5 m; Hopky et al. 1994: 5 m), neuston tows (Hopky et al. 1994b+c: MPA3), bongo tows (KAVIK-AXYS Inc. 2004a: MPA2, 5 m), and fish stomachs (Atkinson and Percy 1991: 5 m). Originally listed as genus <i>Mesidotea</i> , which is now invalid and has been renamed <i>Saduria</i> . Originally listed as genus <i>Mesidotea</i> , which is now invalid and has been renamed <i>Saduria</i> .
<i>Mesidotea sabini</i>	(Krøyer, 1849)					

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Mesidotea sibirica</i>	(Birula, 1896)	P				Benthic grabs (Wacasey et al. 1977: MPA1). Originally listed as genus <i>Mesidotea</i> , which is now invalid and has been renamed <i>Saduria</i> .
Family Idoteidae <i>Synidotea bicuspidata</i> Order Mysida (opossum shrimp)	Samouelle, 1819 (Owen, 1839) Haworth, 1825		P	P	P	Benthic grabs (F.F. Slaney and Co. Ltd. 1975: MPA2), larval fish stomachs (Chiperzak et al. 2003c: 5 m), and neuston and bongo nets (Hopky et al. 1994a-c: MPA3, 5 m).
Family Mysidae <i>Erythrope erythroptalma</i> <i>Mysis sp.</i>	Haworth, 1825 (Goës, 1864) Latreille, 1803	P		P	P	Vertical zooplankton hauls (Grainger 1975: MPA1, 5 m--see also Grainger and Grohe 1975), benthic grabs (Wacasey et al. 1977: MPA3), and neuston tows (Hopky et al. 1994b: MPA3; Hopky et al. 1994a: 5 m).
<i>Mysis litoralis</i>	(A.H. Banner, 1948)	P	P	P	P	Benthic grabs (Wacasey et al. 1977: MPA1), larval fish stomachs (Chiperzak et al. 2003c: 5 m), and neuston and bongo nets (Hopky et al. 1994a: MPA2, MPA3, 5 m; KAVIK-AXYS Inc. 2004a: 5 m).
<i>Mysis oculata</i>	(O. Fabricius, 1780)					
<i>Mysis polaris</i>	Holmquist, 1959					

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Mysis relicta</i>	Lovén, 1861	P	P		P	Horizontal trawls (F.F. Slaney and Co. Ltd. 1975: MPA2, 5 m), benthic grabs (Wacasey et al. 1977: MPA1, 5 m), bongo nets (Hopky et al. 1994b: 5 m; KAVIK-AXYS Inc. 2004a: MPA2, 5 m), and fish stomachs (Atkinson and Percy 1991: 5 m).
<i>Neomysis sp. (?)</i>	Czerniavsky, 1882			P		Neuston tows (Hopky et al. 1994b: MPA3).
<i>Neomysis intermedia</i>	(Czerniavsky, 1882)		P	P	P	Neuston tows (Hopky et al. 1994b+c: MPA3 and bongo tows (KAVIK-AXYS Inc. 2004a: MPA2, 5 m).
<i>Parerythrobs obesa</i>	(G.O. Sars, 1864)					
Order Tanaidacea						
Superfamily Paratanaoidea						
<i>Paraleptognathia sp.</i>	Lang, 1949 Kudinova-Pasternak, 1981					Formerly <i>Leptognathia sp.</i>
<i>Paraleptognathia gracilis</i>	(Krøyer, 1842)					Formerly <i>Leptognathia gracilis</i> .
Class Maxillopoda	Dahl, 1956					
Subclass Copepoda	Milne-Edwards, 1840		P	P	P	Neuston tows (Hopky et al. 1994a+b: MPA2, MPA3, 5 m).
Order Calanoida	G.O. Sars, 1903		P	P	P	Horizontal trawls (F.F. Slaney and Co. Ltd: MPA2, 5 m), bongo nets (Hopky et al. 1994b: MPA3), and larval fish stomachs (Chiperzak et al. 2003c: 5 m).
Family Acartiidae	Sars, 1900					
<i>Acartia sp.</i>	Dana, 1846				P	In bongo nets (Hopky et al. 1994b: 5 m).
<i>Acartia bifilosa</i>	(Giesbrecht, 1881)			P	P	In bongo net (Hopky et al. 1994c: MPA3; Hopky et al. 1994b: 5 m).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Acartia clausi</i>	Giesbrecht, 1889			P	P	In bongo nets (Hopky et al. 1994b+c: MPA3, 5 m).
<i>Acartia longiremis</i>	(Lilljeborg, 1853)				P	Bongo tows (KAVIK-AXYS Inc. 2004a: 5 m).
Family Aetideidae	Giesbrecht, 1893					
<i>Aetideus armatus</i>	(Boeck, 1872)					
<i>Aetideus pacificus</i>	Brodsky, 1950					
<i>Chiridius obtusifrons</i>	G.O. Sars, 1903				P	In bongo nets (Hopky et al. 1994c: 5 m).
<i>Gaidius tenuispinus</i>	(G.O. Sars, 1900)			P	P	In bongo nets (Hopky et al. 1994c: MPA3; Hopky et al. 1994b: 5 m) and benthic grabs (Hopky et al. 1994d: 5 m).
<i>Jaschnovia (=Derjuginia) tolli</i>	(Linko, 1913)				P	Vertical zooplankton hauls (Grainger 1975: 5 m), bongo nets (Hopky et al. 1994b: 5 m) and larval fish stomach (Chiperzak et al. 2003b: 5 m). Not listed in ITIS.
<i>Pseudaetidius armatus</i>	(Boeck, 1872)					
Family Augaptilidae	Giesbrecht, 1898					
<i>Haloptilus acutifrons</i>	(Giesbrecht, 1892)					
Family Bathypontiidae	Brodsky, 1950					
<i>Temorites sp.</i>	G.O. Sars, 1900					
Family Calanidae						
<i>Calanus sp.</i>	Leach, 1818			P	P	In bongo nets (Hopky et al. 1994c: MPA3), and benthic grabs (Hopky et al. 1994d).
<i>Calanus finmarchicus</i>	Brady, 1883				P	Horizontal trawls? (Duval 1977: 5 m). Reported as <i>Calarus tonsus</i> , presumably a mis-spelling of <i>Calanus tonsus</i> , which is now a junior synonym of <i>C. finmarchicus</i> .

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Calanus q̄lacialis</i>	Jaschnov, 1955			P	P	In bongo nets (Hopky et al. 1994b: MPA3, 5 m; KAVIK-AXYS Inc. 2004a: MPA2, 5 m), benthic grabs (Hopky et al. 1994d: 5 m), and larval fish stomach (Chiperzak et al. 2003b: 5 m).
<i>Calanus hyperboreus</i>	Krøyer, 1838				P	In bongo nets (Hopky et al. 1994b: 5 m).
<i>Neocalanus sp.</i>	G.O. Sars, 1925			P		In bongo nets (Hopky et al. 1994c: MPA3).
<i>Neocalanus cristatus</i>	(Krøyer, 1848)					Formerly <i>Calanus cristatus</i> Krøyer, 1845
Family Centropagidae	Giesbrecht, 1893					
<i>Centropages abdominalis</i>	Sato, 1913					
<i>Limnocalanus sp.</i>	G.O. Sars, 1862					
<i>Limnocalanus johanseni</i>	Marsh, 1920					
<i>Limnocalanus macrurus</i>	G.O. Sars, 1863	P	P	P	P	Vertical zooplankton hauls (Grainger 1975: MPA1, 5 m--see also Grainger and Grohe 1975), horizontal trawls (F.F. Slaney and Co. Ltd. 1975: MPA2, 5 m; Duval 1977: 5 m), larval fish stomachs (Chiperzak et al. 2003b+c: 5 m), neuston and bongo nets (Hopky et al. 1994a-c: MPA2, MPA3, 5 m; KAVIK-AXYS Inc. 2004a: MPA2, 5 m), and benthic grabs (Hopky et al. 1994d: 5 m).
Family Clausocalanidae	Giesbrecht, 1983					Formerly <i>Pseudocalanidae</i> Sars, 1901.

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Drepanopus bungei</i>	G.O. Sars, 1898				P	In vertical zooplankton hauls (Grainger and Grohe 1975: 5 m) and bongo nets (Hopky et al. 1994c: 5 m).
<i>Microcalanus sp.</i> <i>Microcalanus pygmaeus</i>	G.O. Sars, 1901 (G.O. Sars, 1900)			P	P	In bongo nets (Hopky et al. 1994c: MPA3; Hopky et al. 1994b: 5 m), and larval fish stomach (Chiperzak et al. 2003a: 5 m).
<i>Pseudocalanus sp.</i>	Boeck, 1872				P	In larval fish stomach (Chiperzak et al. 2003a: 5 m).
<i>Pseudocalanus minutus</i>	(Krøyer, 1845)			P	P	In larval fish stomachs (Chiperzak et al. 2003a+c: 5 m), plankton tows (Hopky et al. 1994a-c: MPA3, 5 m), vertical plankton hauls (Grainger and Grohe 1975: 5 m), and benthic grabs (Hopky et al. 1994d: 5 m).
Family Diaptomidae <i>Diaptomus sp.</i>	Baird, 1850 Westwood, 1836		P	P	P	Vertical zooplankton hauls (Grainger 1975: 5 m--see also Grainger and Grohe 1975), neuston tows and bongo nets (Hopky et al. 1994a: MPA2, MPA3, 5 m).
<i>Diaptomus minutus</i>	Lilljeborg				P	Horizontal trawls (F.F. Slaney and Co. Ltd. 1975: MPA2, 5 m), bongo tows (KAVIK-AXYS Inc. 2004a: 5 m). Not listed in ITIS.
<i>Diaptomus nevadensis</i> <i>Diaptomus oregonensis</i>	Light, 1938 Lilljeborg, 1889				P	In benthic grabs (Hopky et al. 1994d: 5 m).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Diaptomus pribilofensis</i>	Juday and Muttkowski, 1915		P		P	Horizontal trawls (F.F. Slaney and Co. Ltd. 1975: MPA2, 5 m). In neuston tows (Hopky et al. 1994a: MPA2; Hopky et al. 1994b+c: MPZ3, 5 m) and bongo tows (KAVIK-AXYS Inc. 2004a: MPA2, 5 m).
<i>Diaptomus sicilis</i>	Forbes, 1882		P	P	P	
<i>Leptodiaptomus ashlandi</i>	(Marsh, 1893)			P	P	
Family Eucalanidae	Giesbrecht, 1893					
<i>Eucalanus sp.</i>	Dana, 1852					
<i>Eucalanus bungii bungii</i>	Johnson, 1938					
Family Euchaetidae	Giesbrecht, 1893					
<i>Euchaeta sp.</i>	Phillippi, 1843					
<i>Paraeuchaeta glacialis</i>	Hansen, 1886				P	In bongo nets (Hopky et al. 1994b: 5 m). Formerly <i>Euchaeta glacialis</i> .
Family Heterorhabdidae	Sars, 1902					
<i>Heterorhabdus norvegicus</i>	(Boeck, 1872)					
Family Metridinidae	Sars, 1902					
<i>Metridia longa</i>	(Lubbock, 1854)			P	P	In bongo net (Hopky et al. 1994c: MPA3; Hopky et al. 1994b: 5 m), and larval fish stomach (Chiperzak et al. 2003b+c: 5 m). Formerly Scolecithricidae Giesbrecht, 1893.
Family Scolecitrichidae	Giesbrecht, 1893					
<i>Scaphocalanus magnus</i>	(T. Scott, 1894)					
<i>Scolecithricella minor</i>	(Brady, 1883)					
Family Spinocalanidae	Vervoort, 1951					
<i>Mimocalanus sp.</i>	Farran, 1908					
<i>Spinocalanus longicornis</i>	G.O. Sars, 1900					
<i>Spinocalanus magnus</i>	Wolfenden, 1904					

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
Family Temoridae <i>Epischura sp.</i>	Giesbrecht, 1893 S.A. Forbes, 1882	P	P	P	P	Vertical zooplankton hauls (Grainger 1975: MPA1, MPA3, 5 m--see also Grainger and Grohe 1975) and neuston tows (Hopky et al. 1994a: MPA2).
<i>Epischura lacustris</i>	S.A. Forbes, 1882		P	P		Neuston tows (Hopky et al. 1994a: MPA2; Hopky et al. 1994b+c: MPA3) and bongo tows (KAVIK-AXYS Inc. 2004a: 5 m).
<i>Epischura nevadensis</i>	Lilljeborg in Guerne and Richard, 1889		P	P	P	Horizontal trawls (F.F. Slaney and Co. Ltd. 1975: MPA2, 5 m), neuston tows (Hopky et al. 1994a: MPA2; Hopky et al. 1994c: MPA3; Hopky et al. 1994b: 5 m) and bongo tows (KAVIK-AXYS Inc. 2004a: MPA2, 5 m).
<i>Eurytemora spp.</i>	Giesbrecht, 1881		P	P	P	In neuston and bongo nets (Hopky et al. 1994a+b: MPA2, MPA3, 5 m).
<i>Eurytemora americana</i>	L.W. Williams, 1906				P	In bongo nets (Hopky et al. 1994c: 5 m).
<i>Eurytemora canadensis</i> <i>Eurytemora composita</i> <i>Eurytemora herdmani</i>	Marsh, 1920 Keiser, 1929 I.C. Thompson & A. Scott, 1897	P			P	Vertical zooplankton hauls (Grainger 1975: MPA1, 5 m--see also Grainger and Grohe 1975) and bongo nets (Hopky et al. 1994b: 5 m).
<i>Eurytemora hirundoides</i>	Nordquist, 1888				P	In bongo nets (Hopky et al. 1994c: 5 m).
<i>Eurytemora raboti</i>	Richard, 1897			P		In bongo nets (Hopky et al. 1994b:MPA3).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Eurytemora richingsi</i>	Heron & Damkaer, 1976					
<i>Heterocope sp.</i>	G.O. Sars, 1862					
<i>Heterocope septemcarinata</i>				P		In neuston net (Hopky et al. 1994b: MPA3). Not listed in ITIS. May be a data entry error for <i>H. septentrionalis</i> (below) or the decapod <i>Sabinea septemcarinata</i> .
<i>Heterocope septentrionalis</i>	Juday & Muttkowski, 1915 (O.F. Müller, 1785)				P	Horizontal trawls (F.F. Slaney and Co. Ltd. 1975: 5 m).
<i>Temora longicornis</i>	Burmeister, 1834			P	P	In bongo nets (Hopky et al. 1994b: MPA3, 5 m).
Order Cyclopoida						
Family Cyclopidae	Dana, 1846					
<i>Cyclopina sp.</i>	Claus, 1863				P	In larval fish stomach (Chiperzak et al. 2003a: 5 m).
<i>Cyclops sp.</i>	O.F. Müller, 1776	P			P	Vertical zooplankton hauls (Grainger 1975: MPA1, 5 m--see also Grainger and Grohe 1975), horizontal trawls (F.F. Slaney and Co. Ltd. 1975: MPA2, 5 m), neuston tows (Hopky et al. 1994a+b: 5 m) and benthic grabs (Hopky et al. 1994d: 5 m).
<i>Cryptocyclops bicolor</i>	G.O. Sars, 1863				P	In benthic grabs (Hopky et al. 1994d: 5 m). May have been renamed <i>Cryptocyclops bicolor</i> (G.O.Sars, 1863).
<i>Cyclops bicuspidatus</i>	Claus, 1857				P	In horizontal trawls (F.F. Slaney and Co. Ltd. 1975: 5 m), bongo nets (Hopky et al. 1994b: 5 m) and benthic grabs (Hopky et al. 1994d: 5 m).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Cyclops vernalis</i>	Fischer, 1853		P		P	In neuston tows (Hopky et al. 1994a: MPA2) and benthic grabs (Hopky et al. 1994d: 5 m).
<i>Cyclops</i> sp. <i>vernalis</i>					P	In benthic grabs (Hopky et al. 1994d: 5 m).
<i>Mesocyclops edax</i>	(S.A. Forbes, 1890)			P	P	In bongo nets (Hopky et al. 1994c: MPA3) and benthic grabs (Hopky et al. 1994d: 5 m).
Family Oithonidae <i>Oithona similis</i>	Dana, 1852 Claus, 1866				P	In bongo nets (Hopky et al. 1994b+c: 5 m), and larval fish stomach (Chiperzak et al. 2003a: 5 m).
Order Harpacticoida	G.O. Sars, 1903		P		P	Horizontal trawls (F.F. Slaney and Co. Ltd. 1975: MPA2, 5 m), bongo nets (Hopky et al. 1994b: 5 m) and benthic grabs (Hopky et al. 1994d: 5 m).
Family Cletodidae <i>Cletocamptus</i> sp.	T. Scott, 1905 Shmankevich, 1875					
Family Diosaccidae <i>Stenhelia (=Delavalia)</i> sp.	G.O. Sars, 1906 Boeck, 1864					
Family Ectinosomatidae	Sars, 1903			P		Bongo nets (Hopky et al. 1994c: MPA3). Formerly <i>Ectinosomidae</i> Sars, 1903.
<i>Microsetella norvegica</i>	(Boeck, 1865)			P	P	In bongo nets (Hopky et al. 1994b: MPA3, 5 m).
<i>Microsetella rosea</i>	(Dana, 1849)			P	P	In bongo nets (Hopky et al. 1994b: MPA3, 5 m).
Family Harpacticidae <i>Harpacticus</i> sp.	Dana, 1846 Milne-Edwards, 1840				P	In benthic grabs (Hopky et al. 1994d: 5 m).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Harpacticus uniremis</i>	Krøyer, 1842					
<i>Zaus sp.</i>	Goodsir, 1845					
Family Laophontidae	Scott, 1905					
<i>Laophonte sp.</i>	Philippi, 1840				P	In benthic grabs (Hopky et al. 1994d: 5 m).
Family Tachidiidae	Boeck, 1865					
<i>Tachidius sp.</i>	Lilljeborg, 1853	P				Vertical zooplankton hauls (Grainger and Grohe 1975: MPA1).
Family Thalestridae	Sars, 1905					
<i>Dactylopodia sp.</i>	Lang, 1948					
Family Tisbidae	Stebbing, 1910					
<i>Tisbe sp.</i>	Lilljeborg, 1853			P		Listed in the original as F. Idyidae. In bongo nets (Hopky et al. 1994b: MPA3).
<i>Tisbe furcata</i>	(Baird, 1837)				P	In larval fish stomach (Chiperzak et al. 2003a: 5 m).
Order Poecilostomatoida	Thorell, 1859					
Family Oncaeidae	Giesbrecht, 1893					
<i>Trichonia borealis</i>	(G.O. Sars, 1918)				P	Formerly <i>Oncea borealis</i> G.O. Sars, 1918 (See WoRMS). In bongo nets (Hopky et al. 1994b+c: 5 m) and benthic grabs (Hopky et al. 1994d: 5 m).
<i>Triconia minuta</i>	(Giesbrecht, 1892)				P	Formerly <i>Oncea minuta</i> Giesbrecht, 1892 (See WoRMS). In bongo nets (Hopky et al. 1994b: 5 m).
Subclass Thecostraca	Burmeister, 1834			P	P	In bongo nets (Hopky et al. 1994c: MPA3, 5 m; Hopky et al. 1994b: 5 m).
Infraclass Cirripedia (barnacles)						
Order Sessilia (sessile barnacles)	Darwin, 1854					

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
Family Archaeobalanidae	Newman and Ross, 1976					
<i>Semibalanus balanoides</i>	(Linnaeus, 1767)				P	In bongo nets (Hopky et al. 1994c: 5 m).
Family Balanidae	Leach, 1817					
<i>Balanus sp.</i>	Da Costa, 1778				P	In benthic grabs (Hopky et al. 1994d: 5 m).
Class Ostracoda (ostracods)	Latreille, 1802		P		P	Neuston tows (Hopky et al. 1994b: 5 m) and benthic grabs (Hopky et al. 1994d: 5 m; KAVIK-AXYS Inc. 2004a: MPA2).
Subclass Myodocopa	Sars, 1866					
Order Halocyprida	Dana, 1853					Listed in original as F. Myodocopa, which is now a subclass.
Family Halocyprididae	Dana, 1853				P	Neuston tows (Hopky et al. 1994a: 5 m).
<i>Conchoecia sp.</i>	Dana, 1853					
<i>Conchoecia borealis maxima</i>	Brady & Norman, 1896					
<i>Conchoecia elegans</i>	G.O. Sars, 1865					
<i>Conchoecia obtusata</i>	G.O. Sars, 1865					
Subclass Podocopa					P	In benthic grabs (Hopky et al. 1994d: 5 m) and larval fish stomachs (Chiperzak et al. 2003b: 5 m).
Order Podocopida	Sars, 1866					
Family Bythocytherididae						Not in ITIS. Synonym of F. Bythocytheridae?
Family Cyprididae	Baird, 1845					Listed in the original as F. Cypridae, an invalid junior synonym of F. Cyprididae.
Family Cytherettidae	Triebel, 1972					

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
Family Cytheridae	Baird, 1850					
Family Cytherideidae	Sars, 1925				P	In benthic grabs (Hopky et al. 1994d: 5 m).
<i>Paracyprideis sp.</i>	Klie, 1929				P	In benthic grabs (Hopky et al. 1994d: 5 m).
Family Hemicytheridae	Puri, 1953					
<i>Hemicythere sp.</i>	Sars, 1925				P	In benthic grabs (Hopky et al. 1994d: 5 m). Not listed in ITIS.
Family Heterocyprideidae						
Family Limnocytheridae	Klie, 1938					
Family Macrocyprididae	Müller, 1912					
Family Orthonotacythere					P	In benthic grabs (Hopky et al. 1994d: 5 m). Fossil?
Family Progonocytheridae	Sylvester-Bradley, 1948					
Family Trachyleberididae	Sylvester-Bradley, 1948				P	In benthic grabs (Hopky et al. 1994d: 5 m).
<i>Cythereis sp.</i>	Jones, 1849				P	In fish stomachs (Atkinson and Percy 1991: 5 m).
Subphylum Hexapoda (hexapods)						
Class Insecta (insects)				P	P	Neuston tows (Hopky et al. 1994a: MPA3, 5 m).
Order Coleoptera	Linnaeus, 1758				P	Adults in bongo tows (KAVIK-AXYS Inc. 2004a: MPA2, 5 m). Neuston tows (Hopky et al. 1994a: MPA2).
Family Dytiscidae	Leach, 1815		P			
Family Carabidae	Latreille, 1802					
Family Staphylinidae	Latreille, 1802					
Order Diptera						
Family Anthomyiidae						
Family Bibionidae						
Family Canaceidae						
Family Cecidomyiidae						

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
Family Ceratopogonidae					P	Neuston tows (Hopky et al. 1994a: 5 m).
Family Chironomidae			P	P	P	Neuston tows (Hopky et al. 1994a+b: MPA3, 5 m); larvae and adults in bongo tows (KAVIK-AXYS Inc. 2004a: MPA2, 5 m).
Subfamily Chaoborinae <i>Chaoborus</i> sp.			P		P	Bongo tows (KAVIK-AXYS Inc. 2004a: MPA2, 5 m).
Subfamily Orthoclaadiinae						Originally listed as F. Tendipedidae which is now considered a junior synonym of F. Telmatogetoninae.
Subfamily Telmatogetoninae <i>Lauterbornia</i> sp.						
Family Culicidae						
Family Dixidae						
Family Dolichopodidae						
Family Empididae						
Family Milichiidae						
Family Muscidae						
Family Mycetophilidae					P	Bongo tows (Hopky et al. 1994b: 5 m).
Family Pachyneuridae						
Family Phoridae					P	Bongo tows (Hopky et al. 1994b: 5 m).
Family Pipunculidae						
Family Psilidae						
Family Scatophagidae					P	Bongo tows (Hopky et al. 1994b: 5 m).
Family Sciaridae					P	Neuston tows (Hopky et al. 1994c: MPA3).
Family Simuliidae						

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
Family Tipulidae Order Ephemeroptera				P	P	Neuston tows (Hopky et al. 1994b: MPA3) and bongo tows (KAVIK-AXYS Inc. 2004a: 5 m).
Family Baetidae				P		Bongo tows (Hopky et al. 1994c: MPA3).
Family Ephemeridae Family Heptageniidae			P	P	P	Horizontal tows (F.F. Slaney and Co. Ltd. 1975; MPA2, 5 m) and bongo tows (Hopky et al. 1994c: MPA3).
Order Hemiptera	Linnaeus, 1758					Some families were listed in the original as O. Homoptera, which is now considered an invalid synonym of two hemipteran suborders, Auchenorrhyncha and Sternorrhyncha.
Family Aphididae			P	P		Neuston tows (Hopky et al. 1994a: MPA2; Hopky et al. 1994c: MPA3).
Family Cicadellidae				P		Bongo nets (Hopky et al. 1994c: MPA3).
Family Corixidae Family Miridae	Leach, 1815 Hahn, 1833			P		Bongo tows (Hopky et al. 1994c: MPA3).
Family Psyllidae				P	P	Neuston nets (Hopky et al. 1994c: MPA3; Hopky et al. 1994b: 5 m).
Order Hymenoptera Superfamily Chalcidoidea				P		Bongo nets (Hopky et al. 1994c: MPA3).
Family Chalcididae Superfamily Cynipoidea Family Cynipidae				P		Bongo nets (Hopky et al. 1994c: MPA3).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
Superfamily Ichneumonoidea						MPA3).
Family Braconidae					P	Bongo nets (Hopky et al. 1994b: 5 m).
Family Ichneumonidae					P	Neuston tows (Hopky et al. 1994a: 5 m).
Superfamily Sclioidea						
Family Formicidae						
Order Lepidoptera						
Family Microlepidopterae						Not listed in ITIS.
<i>Microlepidoptera sp.</i>						Not listed in ITIS.
Family Gracilariidae						
Order Megaloptera						
Family Corydalidae						
Order Neuroptera						
Family Hemerobiidae						
Order Plecoptera			P			Bongo tows (KAVIK-AXYS Inc. 2004a: 5 m).
Family Perlodidae				P		Bongo nets (Hopky et al. 1994c: MPA3).
Order Thysanoptera	Halliday, 1836					
Family Thripidae	Stephens, 1829					
Order Trichoptera			P		P	Adults in bongo tows--terrestrial drift? (KAVIK-AXYS Inc. 2004a: MPA2, 5 m).
Family Hydropsychidae	Curtis, 1835					
Family Limnephilidae	Kolenati, 1848					
Phylum Brachiopoda					P	In benthic grabs (Hopky et al. 1994d: 5 m).
Phylum Chaetognatha					P	In neuston tow (Hopky et al. 1994a: 5 m).
Class Sagittoidea	Claus and Groben, 1905					

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
Order Aphragmophora Family Sagittidae						
<i>Parasagitta elegans</i>	Claus and Groben, 1905 (Verrill, 1873)				P	Bongo nets (Hopky et al. 1994a-c: 5 m). Identified as genus <i>Sagitta</i> , which is now a junior synonym of <i>Parasagitta</i> .
<i>Pseudosagitta maxima</i>	(Conant, 1896)					Identified as genus <i>Sagitta</i> , which is now a junior synonym of <i>Pseudosagitta</i> .
<i>Sagitta sp.</i>	Quoy and Gaimard, 1827					This genus has been revised and taxa originally identified as <i>Sagitta</i> have been assigned to various other genera.
Order Phragmophora Family Eukrohniidae						
<i>Eukrohnia sp.</i>	Tokioka, 1965 Tokioka, 1965 Ritter-Zahony, 1909					
<i>Eukrohnia hamata</i>	(Mobius, 1875)				P	In bongo net (Hopky et al. 1994b+c: 5 m).
Phylum Chordata Subphylum Tunicata (= Urochordata) Class Appendicularia						Cl. Larvacea is now considered an invalid junior synonym of Cl. Appendicularia.
Order Copelata Family Fritillariidae						
<i>Fritillaria borealis</i>	Lohmann, 1896				P	In bongo nets (Hopky et al. 1994: 5 m).
Family Oikopleuridae						
<i>Oikopleura sp.</i>	Martens, 1830				P	In bongo nets (Hopky et al. 1994c: MPA3).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Oikopleura vanhoeffeni</i>	Lohmann, 1896				P	In bongo nets (Hopky et al. 1994: 5 m) and larval fish stomach (Chiperzak et al. 2003b: 5 m).
Class Ascidiacea					P	In benthic grabs (Hopky et al. 1994d: 5 m).
Order Enterogona						
Family Didemnidae	Giard, 1872					
Order Pleurogona						
Family Molgulidae	Lacaze-Duthiers, 1877					
<i>Rhizomolgula globularis</i>	(Pallas, 1776)				P	Benthic grabs (Wacasey et al. 1977: 5 m) and fish stomachs (Atkinson and Percy 1991: 5 m).
Family Pyuridae	Hartmeyer, 1908					
<i>Hartmeyeria sp.</i>	Ritter, 1913				P	In benthic grabs (Hopky et al. 1994d: 5 m).
Subphylum Vertebrata						
Superclass Agnatha (jawless fishes)						
Class Cephalaspidomorphi						
Order Petromyzontiformes						
Family Petromyzontidae						
<i>Lethenteron japonicum</i>	(Martens, 1868)	P		P		Arctic lamprey. Identified as <i>Lampetra japonica</i> , which has been renamed. Attached to a least cisco (<i>Coregonus sardinella</i>) (Kendel et al. 1975: MPA1; National Museum of Natural Sciences, Ottawa: MPA3).
Class Aves (birds)						
Order Anseriformes						
Family Anatidae (swans, geese, and ducks)						

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Anas acuta</i>	Linnaeus, 1758	P				northern pintail (E), canard pilet (F), ivugaq, kurugaq, irugaq, kurgaq (I). Nesting and molting in June and July (Alexander et al. 1988: MPA1).
<i>Anas americana</i>	Gmelin, 1789	P				American widgeon (E), canard d'Amérique (F), ugguigik, ugiuhiuq (I). Nesting and molting in June and July (Alexander et al. 1988: MPA1).
<i>Anas clypeata</i>	Linnaeus, 1758	P				northern shoveler (E); canard souchet (F). Nesting in June (Alexander et al. 1988: MPA1).
<i>Anas crecca</i>	Linnaeus, 1758					green-winged teal (E); sarcelle d'hiver (F).
<i>Anas platyrhynchos</i>	Linnaeus, 1758					mallard (E), canard colvert (F), kurugakpak (I).
<i>Anser albifrons</i>	(Scopoli, 1769)	P	P	P		greater white-fronted goose (E), oie rieuse (F), niglik, nirliq (I). Staging in mid-August and September (Alexander et al. 1988: MPA1, MPA2, MPA3).
<i>Aythya affinis</i>	(Eyton, 1838)	P				lesser scaup (E), petit fuligule (F), kaklgutuuk, qaaqtuatug (I). Nesting and molting; June and July (Alexander et al. 1988: MPA1).
<i>Aythya marila</i>	(Linnaeus, 1761)	P				greater scaup (E), fuligule milouinan (F), kaklgutuuk, qaaqtuatug (I). Nesting and molting; June and July (Alexander et al. 1988: MPA1).
<i>Aythya valisineria</i>	(A. Wilson, 1814)					canvasback (E), fuligule à dos blanc (F).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Branta bernicla</i>	(Linnaeus, 1758)	P	P	P		brant (E); bernache cravant (F), nigliknak, negleknak (I). Nesting, molting, rearing, and staging; June through September (Alexander et al. 1988: MPA1, MPA2, MPA3).
<i>Branta canadensis</i>	(Linnaeus, 1758)	P		P		Canada goose (E), bernache du Canada (F), ulugullik, oloagotlik (I). Staging; August and September (Alexander et al. 1988: MPA1, MPA3).
<i>Chen caerulescens</i>	(Linnaeus, 1758)	P	P	P		snow goose (E), oie des neiges (F), kanguq, kanuq, kangok (I). Staging; late August to late September (Alexander et al. 1988: MPA1, MPA2, MPA3). Nesting; June and July (Alexander et al. 1988: MPA2).
<i>Clangula hyemalis</i>	(Linnaeus, 1758)	P				long-tailed duck or oldsquaw (E), hareldel kakawi (F), ahaliq, ahangik (I). Nesting in July (Alexander et al. 1988: MPA1).
<i>Cygnus columbianus</i>	(Ord, 1815)	P	P	P		tundra swan (E), cygne siffleur (F), qugruk, kogyok (I). Nesting, molting, rearing, and staging; June through early September (Alexander et al. 1988: MPA1). Nesting, molting, rearing, and staging; June to September (Alexander et al. 1988: MPA2). Molting, rearing, staging; late August to September (Alexander et al. 1988: MPA3).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Histrionicus histrionicus</i>	(Linnaeus, 1758)					harlequin duck (E); arlequin plongeur (F).
<i>Melanitta</i> sp.	F. Boie, 1822	P				scoter (E). Molting, staging, and migrating; later July to early September (Alexander et al. 1988: MPA1).
<i>Melanitta fusca</i>	(Linnaeus, 1758)					white-winged scoter (E), macreuse brune (F), tuungavik, taaktuaq (I).
<i>Melanitta perspicillata</i>	(Linnaeus, 1758)					surf scoter (E), macreuse à front blanc (F), tuungavik, taaktuaq (I).
<i>Mergus serrator</i>	Linnaeus, 1758	P				red-breasted merganser (E); harle huppé (F). Molting, staging, and migrating; July to early September (Alexander et al. 1988: MPA1).
<i>Somateria mollissima</i>	(Linnaeus, 1758)	P		P		common eider (E), eider à duvet (F), quingalik, armaolik, amauligruaq (I). Nesting; July (Alexander et al. 1988: MPA1). Nesting; June and July (Alexander et al. 1988: MPA3).
<i>Somateria spectabilis</i>	(Linnaeus, 1758)					king eider (E), eider à tête grise (F), quingalivik, kingalik, qinalik (I).
Order Charadriiformes						
Family Charadriidae (plovers, avocets, oystercatchers and stilts)						
<i>Charadrius semipalmatus</i>	Bonaparte, 1825					semipalmated plover (E); pluvier à semipalmé (F).
<i>Pluvialis dominica</i>	(Statius Muller, 1776)	P				American golden-plover (E); pluvier doré d'Amérique (F). Migrating; late July to mid-September (Alexander et al. 1988: MPA1).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Pluvialis squatarola</i>	(Linnaeus, 1758)					black-bellied plover (E); pluvier argenté (F).
Family Laridae (jaegers, gulls, and terns)						
<i>Chroicocephalus philadelphia</i>	(Ord, 1815)					Bonaparte's gull (E), mouette de Bonaparte (F). <i>Larus philadelphia</i> is an invalid synonym.
<i>Larus argentatus</i>	Pontoppidan, 1763					herring gull (E), goéland argenté (F).
<i>Larus canus</i>	Linnaeus, 1758					mew gull (E), goéland cendré (F).
<i>Larus hyperboreus</i>	Gunnerus, 1767	P	P	P		glaucous gull (E), goéland bourgmestre (F). Nesting, rearing, feeding, staging; June through September, present during fall migration (Alexander et al. 1988: MPA1). Nesting, rearing, feeding; June to mid-August (Alexander et al. 1988: MPA2). Nesting, rearing, feeding; June to mid-August (Alexander et al. 1988: MPA3).
<i>Pagophila eburnea</i>	(Phipps, 1774)					ivory gull (E), mouette blanche (F).
<i>Sterna paradisaea</i>	Pontoppidan, 1763	P	P			Arctic tern (E), sterne arctique (F). Nesting and rearing; June and July (Alexander et al. 1988: MPA1). Nesting; June and July (Alexander et al. 1988: MPA2).
<i>Xema sabini</i>	(Sabine, 1819)					Sabine's gull (E), mouette de Sabine (F).
Family Scolopacidae (sandpipers, phalaropes and allies)						
<i>Actitis macularius</i>	(Linnaeus, 1766)					spotted sandpiper (E); chevalier grivelé (F). <i>Actitis macularia</i> is an invalid junior synonym.
<i>Calidris alba</i>	(Pallas, 1764)					sanderling (E); bécasseau sanderling (F).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Calidris alpina</i>	(Linnaeus, 1758)					dunlin (E); bécasseau variable (F).
<i>Calidris bairdii</i>	(Coues, 1861)	P		P		Baird's sandpiper (E); bécasseau de Baird (F). Rearing and staging; late July to mid-August (Alexander et al. 1988: MPA1). Rearing and staging; late July to mid-August (Alexander et al. 1988: MPA3).
<i>Calidris fuscicollis</i>	(Vieillot, 1819)					white-rumped sandpiper (E); bécasseau à croupion blanc (F).
<i>Calidris himantopus</i>	(Bonaparte, 1826)					stilt sandpiper (E); bécasseau à échasses (F).
<i>Calidris mauri</i>	(Cabanis, 1857)					western sandpiper (E), bécasseau d'Alaske (F).
<i>Calidris melanotos</i>	(Vieillot, 1819)	P		P		pectoral sandpiper (E); bécasseau à poitrine cendrée (F). Rearing, staging, migrating; late July to mid-September (Alexander et al. 1988: MPA1). Rearing and staging; late July to mid-August (Alexander et al. 1988: MPA3).
<i>Calidris minutilla</i>	(Vieillot, 1819)					least sandpiper (E); bécasseau minuscule (F).
<i>Calidris pusilla</i>	(Linnaeus, 1766)	P		P		semipalmated sandpiper (E); bécasseau semipalmé (F). Rearing and staging; late July to mid-August (Alexander et al. 1988: MPA1). Rearing and staging; late July to mid-August (Alexander et al. 1988: MPA3).
<i>Gallinago gallinago</i>	(Linnaeus, 1758)					common snipe (E), bécassin des marais (F).
<i>Limnodromus scolopaceus</i>	(Say, 1823)					long-billed dowitcher (E), bécassin à long bec (F).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Limosa haemastica</i>	(Linnaeus, 1758)					Hudsonian godwit (E); barge hudsonienne (F).
<i>Numenius phaeopus</i>	(Linnaeus, 1758)					whimbrel (E); courlis corlieu (F).
<i>Phalaropus fulicarius</i>	(Linnaeus, 1758)					red phalarope (E), phalarope à bec large (F). <i>Phalaropus fulicaria</i> is an invalid junior synonym.
<i>Phalaropus lobatus</i>	(Linnaeus, 1758)	P				red-necked phalarope or northern phalarope (E), phalarope à bec étroit (F). Nesting, rearing, staging; June through early August (Alexander et al. 1988: MPA1).
<i>Tringa flavipes</i>	(J.F. Gmelin, 1789)					lesser yellowlegs (E); petit chevalier (F).
<i>Tryngites subruficollis</i>	(Vieillot, 1819)					buff-breasted sandpiper (E), Bécasseau roussâtre (F).
Family Stercorariidae (skuas)						
<i>Stercorarius longicaudus</i>	Vieillot, 1819					long-tailed jaeger (E), labbe à longue queue (F).
<i>Stercorarius parasiticus</i>	(Linnaeus, 1758)					parasitic jaeger (E), labbe parasite (F).
<i>Stercorarius pomarinus</i>	(Temminck, 1815)					Pomeranian jaeger (E), labbe pomarin (F).
Order Gaviiformes						
Family Gaviidae (loons)						
<i>Gavia adamsii</i>	Allen, 1897 (Gray, 1859)					yellow-billed loon (E), plongeon à bec blanc (F), qaqsauq, qaqaug, qaqrmaq (I).
<i>Gavia immer</i>	(Brunnich, 1764)					common loon (E), plongeon huard (F), tutlik, tuuliik (I).
<i>Gavia pacifica</i>	(Lawrence, 1858)	P		P		Pacific loon (E), plongeon du Pacifique (F), maliri (I). Nesting and rearing; June to early

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Gavia stellata</i>	(Pontoppidan, 1763)	P		P		September (Alexander et al. 1988: MPA1). Rearing; July and August (Alexander et al. 1988: MPA2). red-throated loon (E), plongeon catmarin (F). Feeding and rearing; July and August (Alexander et al. 1988: MPA1). Rearing; July and August (Alexander et al. 1988: MPA2).
Order Gruiformes						
Family Gruidae (cranes)						
<i>Grus canadensis</i>	(Linnaeus, 1758)					sandhill crane (E), grue du Canada (F), tatidjgaq, tatirgaq, tatilgak (I).
Order Podicipediformes						
Family Podicipedidae (grebes)						
<i>Podiceps auritus</i>	Bonaparte, 1831 (Linnaeus, 1758)					horned grebe (E); grèbe esclavon (F).
<i>Podiceps grisegena</i>	(Boddaert, 1783)					red-necked grebe (E), grèbe jougris (F).
Class Mammalia (mammals)	Linnaeus, 1758					
Order Carnivora (carnivores)	Bowdich, 1821					
Family Phocidae (earless seals, true seals)	Gray, 1821					
<i>Erignathus barbatus</i>	(Erxleben, 1777)			P		bearded sea (E), phoc barbu (F), ugyuk, ugruk, ogyak (I). Observed in August (McLaren and Davis 1985: MPA2).
<i>Pusa hispida</i>	Schreber, 1775	P				ringed seal (E), natchiq, natik (I). August and September (Stirling et al. 1982: MPA1; Harwood and Borstad 1985: MPA1).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
Family Ursidae (bears) <i>Ursus maritimus</i>	Fischer de Waldheim, 1817 Phipps, 1774		P			polar bear (E), nanuk, nanok (I). (Stirling <i>et al.</i> 1975; MPA2).
Order Cetacea (whales) Family Balaenidae (bowhead whales, right whales) <i>Balaena mysticetus</i>	Brisson, 1762 Gray, 1821 Linnaeus, 1758			P		bowhead whale (E), baleine boréale (F). Present in the deeper western corner of MPA1 in August and September (McLaren and Davis 1985; Harwood and Borstad 1985).
Family Monodontidae (white whales) <i>Delphinapterus leucas</i>	(Pallas, 1776)	P	P	P	P	beluga (E), béluga (F), qilalugaq, kilalogak (I). Observed during open water aerial surveys in late June to mid-August (F.F. Slaney & Co. Limited 1974: MPA1, MPA2, MPA3, 5 m; McLaren and Davis 1985: MPA1, MPA2, MPA3; Norton and Harwood 1986: MPA1, MPA2, MPA3; Devon Canada Corp. 2004b:MPA1, MPA2, MPA3, 5 m).
Superclass Osteichthyes (bony fishes) Class Actinopterygii Order Clupeiformes Family Clupeidae						

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Clupea pallasii</i>	Valenciennes in Cuvier and Valenciennes, 1847	P			P	Pacific herring (E), piqquaqtita, qaaktaqm qaantaq, pikoaktik (I). Adults and juveniles taken in beach seines, gillnets, or trawls (Kendel et al. 1975: MPA1; Percy 1975: 5 m; Lawrence et al. 1984: 5 m; KAVIK-AXYS Inc. 2004a: 5 m), pelagic larvae taken in horizontal bongo (Chiperzak et al. 2003b: 5 m). <i>Clupea harengus pallasii</i> is an invalid synonym.
Order Cypriniformes Family Catostomidae <i>Catostomous catostomous</i>	(Forster, 1773)	P	P	P	P	Longnose sucker (E), meunier rouge (F). Taken in beach seines or gillnets (Kendel et al. 1975: MPA1; Percy 1975: MPA2, 5m; Lawrence et al. 1984: MPA3, 5 m).
Order Esociformes Family Esocidae <i>Esox lucius</i>	Linnaeus, 1758	P				Northern pike, jackfish (E), grand brochet (F), siulik, hiulik (I). Adults taken in weakly brackish water near shore using gillnets (Percy 1975: MPA1) and seines (KAVIK-AXYS Inc. 2004a: 5 m).
Order Gadiformes Family Gadidae <i>Arctogadus sp.</i>	Rafinesque, 1810 Drjagin, 1932					

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Boreogadus saida</i>	(Lepechin, 1774)		P	P	P	Arctic cod (E), saida franc (F), uugavik (I). Taken in beach seines, gillnets, or trawls (F.F. Slaney and Co. Ltd. 1975: MPA2, 5 m; Lawrence et al. 1984: 5 m), and pelagic larvae taken in bongo nets (Chiperzak et al. 2003a: MPA2, MPA3, 5 m; Chiperzak et al. 2003b: 5 m).
<i>Eleginus gracilis</i>	(Tilesius, 1810)	P		P	P	Saffron cod (E), uugaq (I). Adults and juveniles taken in beach seines, gillnets, or trawls (Kendel et al. 1975: MPA1; Percy 1975: 5 m; Lawrence et al. 1984: MPA3, 5 m; KAVIK-AXYS Inc. 2004a: 5 m).
<i>Lota lota</i>	(Linnaeus, 1758)	P	P	P	P	Burbot, loche, maria (E), lotte (F), tiktaalik, tittaliq (I). Taken in brackish water using seines, gillnets, or trawls (Kendel et al. 1975: MPA1; Percy 1975: MPA2, 5 m; F.F. Slaney and Co. Ltd. 1975: MPA2, 5 m; Lawrence et al. 1984: MPA3, 5 m; KAVIK-AXYS Inc. 2004a: MPA2, 5 m).
Order Gasterosteiformes Family Gasterosteidae <i>Pungitius pungitius</i>	(Linnaeus, 1758)			P	P	Ninespine stickleback (E), épinoche à trois épines (F). Taken in beach seines (Lawrence et al. 1984: MPA3, 5 m; KAVIK-AXYS Inc. 2004a: 5 m), and bongo nets (Chiperzak et al. 2003b: 5 m).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
Order Osmeriformes						
Family Osmeridae						
<i>Hypomesus olidus</i>	(Pallas, 1814)			P	P	Pond smelt (E). Adults and juveniles taken in brackish water using beach seines and gillnets (Percy 1975: 5 m; Lawrence et al. 1984: MPA3, 5 m).
<i>Mallotus villosus</i>	(Müller, 1776)	P				Capelin (E), capelan (F). (National Museum of Nature, Ottawa: MPA1). In bongo tows (KAVIK-AXYS Inc. 2004a: 5 m).
<i>Osmerus mordax</i>	(Mitchill, 1814)	P	P		P	Rainbow smelt (E), éperlan arc-en-ciel (F). Adults and juveniles taken in beach seines, gillnets, or trawls (Kendel et al. 1975: MPA1; Lawrence et al. 1984: 5 m; KAVIK-AXYS Inc. 2004a: MPA2, 5 m), pelagic larvae taken in plankton hauls (Chiperzak et al. 2003a-c: 5 m). Percy (1975: MPA1, MPA2, 5 m) and F.F. Slaney and Co. Ltd. (1975: MPA2, 5 m) reported <i>Osmerus eperlanus</i> , likely the same species.
Order Perciformes						
Family Ammodytidae						
<i>Ammodytes sp.</i>	Linnaeus, 1758 Gill, 1864				P	Pelagic larvae taken in horizontal plankton hauls (Chiperzak et al. 2003c; 5 m).
Family Stichaeidae						
<i>Anisarchus medius</i>	(Reinhardt, 1837)				P	Stout eelblenny. Pelagic larvae taken in horizontal bongo (Chiperzak et al. 2003a+b: 5 m).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
Family Zoarcidae <i>Lycodes sp.</i> Order Pleuronectiformes Family Pleuronectidae	Swainson, 1839 Reinhardt, 1831				P	Pelagic larvae taken in horizontal bongo (Chiperzak et al. 2003c: 5 m).
<i>Platichthys stellatus</i>	(Pallas, 1788)				P	Starry flounder. Taken in beach seines and gillnets (Percy 1975: 5m; Lawrence et al. 1984: 5 m).
<i>Pleuronectes glacialis</i>	Pallas, 1776	P	P	P	P	Arctic flounder. Identified at <i>Liopsetta glacialis</i> , which has been renamed. Taken in beach seines, gillnets, or trawls (Kendel et al. 1975: MPA1; Percy 1975: MPA1, 5 m; F.F. Slaney and Co. Ltd. 1975: MPA2, 5 m; Lawrence et al. 1984: MPA3, 5 m; KAVIK-AXYS Inc. 2004a: 5 m).
Order Salmoniformes Family Salmonidae <i>Coregonus sp.</i> <i>Coregonus autumnalis</i>	Linnaeus, 1758 (Pallas, 1776)	P	P	P	P	Arctic cisco (E), qaaktak, qantak, qaluhaq, amagiak, anma (I). Adults and juveniles taken in beach seines, gillnets, or trawls (Kendel et al. 1975: MPA1; Percy 1975: MPA1, MPA2, 5 m; F.F. Slaney and Co. Ltd. 1975: MPA2, 5 m; Lawrence et al. 1984: MPA3, 5 m; KAVIK-AXYS Inc. 2004a: 5 m), juveniles taken in horizontal bongo tows (Chiperzak et al. 2003a: 5 m; KAVIK-AXYS Inc.

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Coregonus clupeaformis</i>	(Mitchill, 1818)	P	P	P	P	2004a: 5 m). Lake whitefish (E), pikuktuuq, kapihilik (I). Adults and juveniles taken in beach seines, gillnets, or trawls (Kendel et al. 1975: MPA1; Percy 1975: MPA1, MPA2, 5 m; F.F. Slaney and Co. Ltd. 1975: MPA2, 5 m; Lawrence et al. 1984: MPA3, 5 m; KAVIK-AXYS Inc. 2004a: MPA2).
<i>Coregonus nasus</i>	(Pallas, 1776)	P	P	P	P	Broad whitefish (E), anaakliq, anaqkik, angnaklin (I) Anadromous adults tagged near Aklavik (Babaluk et al. 2001: MPA1) and Horseshoe Bend (Babaluk et al. 2001: MPA3); adults and juveniles taken in beach seines, gillnets, or trawls (Kendel et al. 1975: MPA1; Percy 1975: MPA1, MPA2, 5 m; F.F. Slaney and Co. Ltd. 1975: MPA2, 5 m; Lawrence et al. 1984: MPA3, 5 m), juveniles taken in horizontal bongo (Chiperzak et al. 2003a: 5 m).
<i>Coregonus sardinella</i>	Valenciennes in Cuvier and Valenciennes, 1848	P	P	P	P	Least cisco (E), qaaktak, qantak, qaluhaq, amagiak, anma (I). Juveniles taken in horizontal bongo (Chiperzak et al. 2003c: MPA3, 5 m), adults and juveniles taken in beach seines, gillnets or trawls (Kendel et al. 1975: MPA1;

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
						Percy 1975: MPA1, MPA2, 5 m; F.F. Slaney and Co. Ltd. 1975: MPA2, 5 m; Lawrence et al. 1984: MPA3, 5 m; KAVIK-AXYS Inc. 2004a: MPA2, 5 m).
<i>Salvelinus malma</i>	(Walbaum in Artedi, 1792)	P?				Dolly Varden. (Kendel et al. 1975: MPA1).
<i>Salvelinus namaycush</i>	(Walbaum in Artedi, 1792)				P	Lake trout (E), touladi (F), iqaluakpak, ehohok (I). Juvenile caught in brackish water using gillnet (Lawrence et al. 1984: 5 m).
<i>Stenodus leucichthys</i>	(Güldenstädt, 1772)	P	P	P	P	Inconnu, coney (E), siiraq, higaq, sigaq (I). Adults and juveniles taken in beach seines, gillnets, or trawls (Kendel et al. 1975: MPA1; Percy 1975: MPA1, MPA1, 5 m; F.F. Slaney and Co. Ltd. 1975: MPA2, 5 m; Lawrence et al. 1984: MPA3, 5 m; KAVIK-AXYS Inc. 2004a: MPA2, 5 m). Most sampling during open water but fish also taken in February from MPA1 (Percy 1975).
Order Scorpaeniformes						
Family Agonidae						
<i>Leptagonus decagonus</i>	(Bloch & Schneider, 1801)					Atlantic poacher (E), agone atlantique (F).
<i>Ulcina olrikii</i>	(Lütken, 1877)					Formerly <i>Aspidophoroides olriki</i> Lütken, 1876.
Family Cottidae						
<i>Gymnocanthus tricuspis</i>	(Reinhardt, 1830)				P	Arctic staghorn sculpin (E), tricorné arctique (F). Pelagic

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Icelus sp.</i>	Krøyer, 1845				P	larvae taken in horizontal bongo (Chiperzak et al. 2003a+b: 5 m). Pelagic larvae taken in plankton hauls (Chiperzak et al. 2003b+c: 5 m).
<i>Myoxocephalus quadricornis</i>	(Linnaeus, 1758)	P	P	P	P	Fourhorn sculpin (E), chaboisseau à quatre cornes (F). Pelagic larvae taken in horizontal bongo (Chiperzak et al. 2003a-c: MPA2, MPA3, 5 m); juveniles and adults taken in beach seines, gillnets, or trawls (Kendel et al. 1975: MPA1; Percy 1975: MPA1, MPA2, 5 m; F.F. Slaney and Co. Ltd. 1975: MPA2, 5 m; Lawrence et al. 1984: MPA3, 5 m; KAVIK-AXYS Inc. 2004a: MPA2, 5 m).
<i>Triglops sp.</i>	Reinhardt, 1830					Bigeye sculpin. Ribbed sculpin. Pelagic larvae taken in horizontal bongo (Chiperzak et al. 2003b: 5 m).
<i>Triglops nybelini</i>	Jensen, 1944					
<i>Triglops pingelii</i>	Reinhardt, 1837				P	
Family Liparidae						
<i>Liparis sp.</i>	Scopoli, 1777				P	Pelagic larvae taken in plankton hauls (Chiperzak et al. 2003c: 5 m).
<i>Liparis fabricii</i>	Krøyer, 1847				P	Gelatinuos seasnail (E), limace gélatineuse (F). Pelagic larvae taken in horizontal bongo (Chiperzak et al. 2003b: 5 m).
<i>Liparis tunicatus</i>	Reinhardt, 1836				P	Pelagic larvae taken in plankton hauls (Chiperzak et al. 2003b: 5 m). Kelp snailfish (E), limace des laminaires (F). Pelagic larvae taken in plankton hauls (Chiperzak et al. 2003b: 5 m).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)				
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)					
<p>Phylum Cnidaria (cnidarinas, coelenterates)</p> <p>Class Anthozoa (corals, flower animals)</p> <p>Order Actiniaria (anemones)</p> <p>Family Actiniidae <i>Actinia sp.</i></p> <p>Family Edwardsiidae</p> <p>Family Hormathiidae <i>Hormathia sp.</i> <i>Hormathia sp. (? nodosa)</i></p> <p>Family Metridiidae <i>Metridium sp.</i></p> <p>Order Alcyonacea</p> <p>Family Nephtheidae <i>Gersemia rubiformis</i></p> <p>Order Ceriantharia</p> <p>Family Cerianthidae <i>Cerianthus sp.</i></p> <p>Class Hydrozoa (hydrozoans)</p> <p>Order Anthoathecatae</p> <p>Family Bougainvilliidae <i>Bougainvillia sp.</i> <i>Bougainvillia britannica</i> <i>Bougainvillia yoldiaearcticae</i></p>						<p>Rafinesque, 1815 Browne, 1756 Andres, 1881</p> <p>Carlgren, 1932 Gosse, 1859 Fabricius, 1780 Carlgren, 1932 Oken, 1815 Lamouroux, 1816</p> <p>(Ehrinberg, 1834) Perrier, 1893 Milne-Edwards and Haime, 1852 Delle Chiaje, 1830</p>				<p>et al. 2003c: 5 m; National Museum of Natural Sciences, Ottawa: MPA3).</p> <p>P In benthic grabs (Hopky et al. 1994d: 5 m).</p> <p>P P In neuston and bongo nets (Hopky et al. 1994a-c: MPA3, 5 m) and benthic grabs (Hopky et al. 1994d: 5 m).</p> <p>P In benthic grabs (Hopky et al. 1994d: 5 m).</p>

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
Family Bythotiaridae						Listed in NOGAP as F. Calycopsidae.
<i>Eumedusa sp.</i>	Bigelow, 1920					
<i>Eumedusa birulai</i>	(Linko, 1913)				P	In neuston and bongo nets (Hopky et al. 1994a-c: 5 m).
Family Corynidae	Johnston, 1836					
<i>Sarsia sp.</i>	Lesson, 1843				P	In bongo nets (Hopky et al. 1994b: 5 m).
<i>Sarsia princeps</i>	(Haeckel, 1879)				P	In bongo nets (Hopky et al. 1994b+c: 5 m).
<i>Sarsia tubulosa</i>	(M. Sars, 1835)				P	In bongo nets (Hopky et al. 1994c: 5 m).
Family Corymorphidae	Allman, 1872					
<i>Euphysa sp.</i>	Forbes, 1948					
<i>Euphysa flammea</i>	(Linko, 1905)				P	In bongo nets (Hopky et al. 1994b+c: 5 m).
Family Pandeidae	Haeckel, 1879					
<i>Catablema sp.</i>	Haeckel, 1879					
<i>Halitholus sp.</i>	Hartlaub, 1913				P	Bongo nets (Hopky et al. 1994a: 5 m).
<i>Halitholus cirratus</i>	Hartlaub, 1913				P	Vertical zooplankton hauls (Grainger 1975: 5 m) and bongo nets (Hopky et al. 1994a-c: 5 m).
<i>Halitholus pauper</i>	Hartlaub, 1913					
<i>Leuckartiara sp.</i>	Hartlaub, 1913					
<i>Leuckartiara nobilis</i>	Hartlaub, 1913					
Family Rathkeidae	Russell, 1953					
<i>Rathkea octocostata</i>						Not listed in ITIS.
<i>Rathkea octopunctata</i>	(M. Sars, 1835)					
Order Leptothecatae						
Family Campanulariidae						
<i>Obelia sp.</i>	Peron & Lesueur, 1807				P	In benthic grabs (Hopky et al. 1994d: 5 m).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Obelia longissima</i>	(Pallas, 1766)					
<i>Phialidium sp.</i>	Leuckart, 1854					
<i>Phialidium languidum</i>	Mayer, 1910					
Family Haleciidae						
<i>Halecium sp.</i>	Oken, 1815					
Family Melicertidae						
<i>Melicertum sp.</i>	Agassiz, 1862					
<i>Melicertum octocostatum</i>	(M. Sars, 1835)					
Family Mitrocomidae						
<i>Cosmetira sp.</i>	Forbes, 1848					
<i>Cosletira pilosella</i>	Forbes, 1848					
Family Sertulariidae	Lamouroux, 1812					
<i>Sertularia sp.</i>	Linnaeus, 1758					
<i>Sertularia plumosa</i>	(Clark, 1876)					
Order Narcomedusae						
Family Aeginidae						
<i>Aeginopsis sp.</i>	Brandt, 1835					
<i>Aeginopsis laurentii</i>	Brandt, 1835			P	P	In bongo nets (Hopky et al. 1994c: MPA3: Hopky et al. 1994b: 5 m).
Order Siphonophorae						
Family Diphyidae						
<i>Dimophyes sp.</i>	Moser, 1925					
<i>Dimophyes arctica</i>	(Chun, 1897)				P	In bongo nets (Hopky et al. 1994b: 5 m).
Order Trachymedusae						
Family Rhopalonematidae	Russell, 1953					
<i>Aglantha sp.</i>	Haeckel, 1879					
<i>Aglantha digitale</i>	(Muller, 1776)				P	Bongo nets (Hopky et al. 1994a-c: 5 m).
Subphylum Medusozoa						
Class Scyphozoa (jellyfish)						
Order Semaestomeae						

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
Family Cyaneidae <i>Cyanea sp.</i> <i>Cyanea capillata</i>	L. Agassiz, 1862 Peron & Lesueur, 1809 (Linnaeus, 1758)					
Phylum Ctenophora (comb jellies)					P	In bongo nets (Hopky et al. 1994b+c: 5 m).
Class Nuda						
Order Beroida						
Family Beroidae <i>Beroe sp.</i> <i>Beroe cucumis</i>	Eschscholtz, 1825 Browne, 1756 Fabricius, 1780					
Class Tentaculata						
Order Cydippida						
Family Mertensiidae <i>Mertensia sp.</i> <i>Mertensia ovum</i>	L. Agassiz, 1862 Lesson, 1836 Fabricius, 1780				P	Bongo nets (Hopky et al. 1994a: 5 m). P In bongo nets (Hopky et al. 1994b+c: 5 m).
Family Pleurobrachiidae <i>Pleurobrachia sp.</i> <i>Pleurobrachia pileus</i>	Chun, 1880 Fleming, 1822 (O.F. Muller, 1776)					
Order Lobata	Eschscholtz, 1825					
Family Bolinopsidae <i>Bolinopsis sp.</i> <i>Bolinopsis infundibulum</i> <i>Mnemiopsis sp.</i>	(O.F. Muller, 1776) Bovard & Osterud, 1918 Klein, 1734					
Phylum Echinodermata						
Class Asteroidea (sea stars, starfishes)	de Blainville, 1830				P	Bongo nets (Hopky et al. 1994b: 5 m). Originally listed as F. Stelleroidea, which is now a junior synonymy of F. Asteroidea.

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
Order Forcipulatida	H.E.S. Clark, 1963					
Family Asteroidea	Gray, 1940					
<i>Urasterias lincki</i>	Müller & Troschel, 1842					
Order Paxillosida	Perrier, 1884					
Family Gonioplectridae	Verrill, 1884					
<i>Ctenodiscus crispatus</i>	(Retzius, 1805)					
Order Spinulosida	Perrier, 1884					
Family Solasteridae	Perrier, 1884					
<i>Crossaster papposus</i>	(Linnaeus, 1767)					Identified as genus <i>Solaster</i> , which is now an invalid junior synonym of <i>Crossaster</i> .
Class Crinoidea (sea lillies)	Miller, 1821				P	In benthic grabs (Hopky et al. 1994d: 5 m).
Class Echinoidea (sand dollars, urchins)	Leske, 1778					
Class Holothuroidea (sea cucumbers)	de Blainville, 1834					
Order Apodida	Brandt, 1835					
Family Myriotrochidae						
<i>Myriotrochus rinki</i>	Steenstrup, 1852					
Class Ophiuroidea (basket stars, brittle stars)						
Order Ophiurida	Müller & Troschel, 1840					
Family Ophiuridae	Lyman, 1865					
<i>Ophiecten sp.</i>	(Lutken, 1855)					
<i>Ophiecten sericeum</i>	(Forbes, 1852)					
<i>Stegophiura nodosa</i>	(Lutken, 1855)					
Order Phrynophiurida	Matsumoto, 1915					
Family Gorgonocephalidae	Ljungman, 1867					
<i>Gorgonocephalus sp.</i>	Leach, 1815					
<i>Gorgonocephalus arcticus</i>	Leach, 1819					

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
Phylum Echiura (burrow worms)	Newby, 1940				P	Benthic grabs (Hopky et al. 1994d: 5 m).
Phylum Ectoprocta (bryozoans, moss animals)						
Class Gymnolaemata						
Order Cheilostomata	Busk, 1852					
Family Calloporidae	Norman, 1903					Originally listed as F. Alderinidae, which is now a junior synonym of F. Calloporidae.
<i>Tegella sp.</i>	Levinsen, 1909					
<i>Tegella armifera</i>	(Hincks, 1880)					
Family Escharellidae	Levinson, 1909					
<i>Escharella klugei</i>	Hayward, 1979					
Family Flustridae	Lamouroux, 1821					
<i>Flustra sp.</i>	Linnaeus, 1767					
<i>Flustra serrulata</i>	Busk, 1880					
Family Mucronellidae						
<i>Cystisella sp.</i>	Canu & Bassler, 1917					
Family Schizoporellidae	Julien, 1883					
<i>Schizoporella sp.</i>	Hincks, 1877					
Family Scrupariidae	Busk, 1852					
<i>Eucratea sp.</i>	Lamouroux, 1812					
<i>Eucratea loricata</i>	(Linnaeus, 1758)				P	In benthic grabs (Hopky et al. 1994d: 5 m).
Order Ctenostomata	Busk, 1852					
Family Alcyonidiidae	Johnson, 1837					
<i>Alcyonidium sp.</i>	Lamouroux, 1813					
<i>Alcyonidium disciforme</i>	Smitt, 1872					
<i>Alcyonidium enteromorpha</i>	Soule, 1951					
<i>Alcyonidium pedunculatum</i>	Robertson, 1902					
<i>Alcyonidium vermiculare</i>	Okada, 1925				P	In benthic grabs (Hopky et al. 1994d: 5 m).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
Order Cyclostomata	Busk, 1859					
Family Crisiidae	Johnston, 1838					
<i>Crisia sp.</i>	Lamouroux, 1812					
<i>Crisia denticulata</i>	(Lamarck, 1816)					
Class Phylactolaemata (freshwater bryozoans)						
Order Phylactolaemata						
Family Cristatellidae						
<i>Cristatella mucedo</i>	Cuvier, 1798				P	In benthic grabs (Hopky et al. 1994d: 5 m).
Phylum Entoprocta (entoprocts)	Nitsche, 1870					
Family Barentsiidae	Emschermann, 1972					
<i>Barentsia sp.</i>	Hincks, 1880					
<i>Barentsia garbonovi</i>	Kluge, 1946				P	In benthic grabs (Hopky et al. 1994d: 5 m). Not listed in ITIS.
Phylum Kinorhyncha (kinorhynchs)						
Order Homalorhagida						
Family Pycnophyidae	Zelinka, 1896					
<i>Pycnophyes sp.</i>	Zelinka, 1907				P	In benthic grabs (Hopky et al. 1994d: 5 m).
<i>Pycnophyes canadensis</i>	Higgins and Korczynski, 1989					
Phylum Mollusca (molluscs)						
Class Bivalvia (bivalves, pelecypods)	Linnaeus, 1758				P	Horizontal trawls (F.F. Slaney and Co. Ltd. 1975: 5m), bongo nets (Hopky et al. 1994b: 5 m) and benthic grabs (F.F. Slaney and Co. Ltd. 1975: 5m; Hopky et al. 1994d: 5 m).
Order Arcoida	Stoliczka, 1871					
Family Arcidae	Lamarck, 1809					
<i>Barbatia (=Arca) glacialis</i>	(Gray, 1824)					

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
Order Myoida	Goldfuss, 1820					
Family Hiatellidae	Gray, 1824					
<i>Cyrtodaria kurriana</i>	Dunker, 1861	P			P	In benthic grabs (Wacasey et al. 1977: MPA1, 5 m; Wagner 1977: 5 m; Hopky et al. 1994d: 5 m; KAVIK-AXYS Inc. 2004a: 5 m) and fish stomachs (Atkinson and Percy 1991: 5 m).
<i>Hiatella arctica</i>	(Linnaeus, 1767)					
Family Myidae	Lamarck, 1809					
<i>Mya arenaria</i>	Linnaeus, 1758					
Order Mytiloidea	Ferussac, 1822					
Family Mytilidae	Rafinesque, 1815					
<i>Dacrydium vitreum</i>	(Moller [Holbell MS], 1842)					
<i>Musculus sp.</i>	Roding, 1798					
<i>Musculus discors var. laevigatus</i>	(Gray, 1824)					
<i>Musculus niger</i>	(Gray, 1824)					
<i>Mytilus edulis</i>	Linnaeus, 1758				P	Blue mussel (E). In benthic grabs (Hopky et al. 1994d: 5 m).
Order Nuculoida						
Family Nuculanidae	Meek, 1864					
<i>Nuculana pernula</i>	(Müller, 1779)					
Family Nuculidae	Gray, 1824					
<i>Ennucula tenuis</i>	(Montagu, 1808)					Formerly <i>Nucula bellotii</i> A. Adams, 1856.
Family Yoldiidae	Habe, 1977					
<i>Portlandia sp.</i>	Morch, 1857					
<i>Portlandia arctica</i>	(J.E. Gray, 1824)	P			P	In benthic grabs (Wacasey et al. 1977: MPA1) and/or cores (Wagner 1977: 5 m).
<i>Portlandia arctica var. aestua</i>	(J.E. Gray, 1824)				P	In benthic grabs (Hopky et al. 1994d: 5 m).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Portlandia frigida</i>	(Torell, 1859)					
<i>Yoldiella fraterna</i>	Verrill and Bush, 1898				P	Benthic grabs and/or cores (Wagner 1977: 5 m).
<i>Yoldiella intermedia</i>	(M. Sars, 1865)				P	Benthic grabs (Wacasey et al. 1977: 5 m) and/or cores (Wagner 1977: 5 m); and fish stomachs (Atkinsons and Percy 1991: 5 m).
<i>Yoldiella lenticula</i>	(Moller, 1842)				P	Benthic grabs and/or cores (Wagner 1977: 5 m).
Order Ostreoida						
Family Pectinidae	Rafinesque, 1815					
<i>Delectopecten groenlandicus</i>	(Sowerby, 1842)		P			Iceland scallop (E). Benthic grabs (Wacasey et al. 1977: MPA1). Formerly <i>Pecten groenlandicus</i> .
Order Pholadomyoida						
Family Lyonsiidae	Fischer, 1887					
<i>Lyonsia arenosa</i>	(Moller, 1842)					
Order Veneroida	H. Adams and A. Adams, 1856					
Family Astartidae	d'Orbigny, 1844					
<i>Astarte borealis</i>	(Schumacher, 1817)					
<i>Astarte montagui</i>	Hancock, 1846					Formerly <i>Astarte warhami</i> .
Family Cardiidae	Lamarck, 1809					
<i>Clinocardium sp.</i>	Keen, 1936					
<i>Clinocardium ciliatum</i>	(Fabricius, 1780)					
<i>Serripes sp.</i>	Gould, 1841					
<i>Serripes groenlandicus</i>	(Mohr, 1786)					
Family Tellinidae	Blainville, 1814					
<i>Macoma sp.</i>	Leach, 1819				P	In benthic grabs (Hopky et al. 1994d: 5 m).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Macoma balthica</i>	(Linnaeus, 1758)	P			P	In benthic grabs (Wacasey et al. 1977: MPA1, 5 m; Wagner 1977: 5 m; Hopky et al. 1994d: 5 m) and fish stomachs (Atkinson and Percy 1991: 5 m).
<i>Macoma calcarea</i>	(Gmelin, 1791)					
<i>Macoma calcarea c.f. oblique</i>	Sout-Ryen, 1932					
<i>Macoma moesta</i>	(Deshayes, 1855)					
<i>Macoma niger</i>	(Gray)					
Class Cephalopoda (octopuses and squids)	Cuvier, 1797					
Order Octopoda	Leach, 1818					
Family Octopodidae	D'Orbigny, 1839-1842 in Férussac and D'Orbigny, 1834-1848					
<i>Octopus sp.</i>	Lamarck, 1798				P	In benthic grabs (Hopky et al. 1994d: 5 m).
Class Gastropoda (gastropods)						
Order Archaeogastropoda	Thiele, 1925					
Family Trochidae	Rafinesque, 1815					
<i>Margarites costalis</i>	Gould, 1841					
<i>Margarites olivaceus</i>	(Brown, 1827)					
Order Cephalaspidea	P. Fischer, 1883					
Family Cylichnidae	A. Adams, 1850					
<i>Cylichna sp.</i>	Loven, 1846					
<i>Cylichna alba</i>	Brown, 1827				P	In benthic grabs (Hopky et al. 1994d: 5 m).
<i>Cylichna occulta</i>	(Mighels and C.B. Adams, 1842)					
Family Haminoeidae	Pilsbry, 1895					Listed in NOGAP as F. Atyidae.
<i>Haminoea solitaria</i>	(Say, 1822)					
Family Retusidae	Thiele, 1926					

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Retusa sp.</i>	Brown, 1827					
<i>Retusa obtusa (=pertenuis)</i>	Montagna, 1807					
Order Gymnosomata	Blainville, 1824					
Family Clionidae	Gray, 1840					
<i>Clione sp.</i>	Simpson, 1900				P	In bongo nets (Hopky et al. 1994c: 5 m).
<i>Clione limacina</i>	(Phipps, 1774)				P	In bongo nets (Hopky et al. 1994b: 5 m).
Order Neogastropoda						
Family Buccinidae	Rafinesque, 1815					Some species listed in NOGAP as F. Neptuneidae.
<i>Buccinum sp.</i>	Linnaeus, 1758					
<i>Buccinum angulosum</i>	Gray, 1839					
<i>Buccinum glaciale</i>	Linnaeus, 1758					
<i>Buccinum tenue</i>	Gray, 1839					
<i>Colus sp.</i>	Röding, 1798					
<i>Colus togatus</i>	(Morch, 1869)					
<i>Neptunea sp.</i>	Röding, 1798					
<i>Neptunea heros</i>	(Gray, 1850)					
<i>Volutopsius sp.</i>	Morch, 1857					
Family Cancellariidae	Forbes and Hanley, 1853					
<i>Admete couthouyi</i>	(Jay, 1839)					
Family Muricidae						
<i>Boreotrophon clathratus</i>	(Linnaeus, 1767)					
Family Conidae						
<i>Curtitoma incisula</i>	(Verrill, 1882)					Listed in NOGAP as F. Turridae. Listed in the original as <i>Oenopota incisula</i> , which is no longer accepted. The species is currently placed in the genus <i>Curtitoma</i> .
<i>Oenopota sp.</i>	Morch, 1852					
<i>Oenopota cf. cinerea</i>	(Møller, 1842)				P	In benthic grabs (Hopky et al. 1994d: 5 m).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Propebela arctica</i>	(Adams, 1855)				P	Benthic grabs (Wacasey et al. 1977: 5 m). Listed in the original as <i>Oenopota arctica</i> , which is no longer accepted. The species is currently placed in the genus <i>Propebela</i> .
<i>Propebela turricula</i>	(Montagu, 1803)					Listed in the original as <i>Oenopota turricula</i> , which is no longer accepted. The species is currently placed in the genus <i>Propebela</i> .
Order Neotaenioglossa						
Family Capulidae						Listed in NOGAP as F. Trichotropidae.
<i>Trichotropis sp.</i>	Broderip & Sowerby, 1829					
<i>Trichotropis bicarinata</i>	(G.B. Sowerby I, 1825)					
<i>Trichotropis borealis</i>	Broderip & G.B. Sowerby I, 1829				P	In bongo nets (Hopky et al. 1994c: 5 m).
Family Naticidae	Guilting, 1834					
<i>Lunatia (=Polinices) pallida</i>	(Broderip & Sowerby, 1829)					
<i>Natia clausa</i>	Broderip & Sowerby, 1829					
Family Turritellidae						
<i>Tachyrhynchus erosus</i>	(Couthouy, 1838)					
Order Nudibranchia	Blainville, 1814					
Family Chromodorididae						Listed in NOGAP as F. Echinochilidae.
<i>Cadlina laevis</i>	(Linnaeus, 1767)					Formerly <i>Echinochila laevis</i> .
Family Dendronotidae	Gray, 1857					
<i>Dendronotus frondosus</i>	(Ascanius, 1774)					
Family Eubranchidae						

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
<i>Eubranchus pallidus</i>	(Alder & Hancock, 1842)				P	In benthic grabs (Hopky et al. 1994d: 5 m).
Order Thecosomata	Blainville, 1824					
Family Limacinidae	Blainville, 1823					
<i>Limacina sp.</i>	Bosc, 1817					
<i>Limacina helicina</i>	(Phipps, 1774)				P	In bongo nets (Hopky et. al. 1994b), benthic grabs (Hopky et al. 1994d: 5 m) and larval fish stomach (Chiperzak et al. 2003b: 5 m).
Phylum Nemata (nematodes, round worms)			P		P	Formerly Ph. Nematoda. In benthic grabs (benthic grabs (F.F. Slaney and Co. Ltd. 1975: 5 m; Hopky et al. 1994d: 5 m; KAVIK-AXYS Inc. 2004a: MPA2).
Phylum Nemertea (proboscis worms)					P	In benthic grabs (Hopky et al. 1994d: 5 m).
Class Anopla						
Order Heteronemertea						
Family Lineidae						
<i>Cerebratulus sp.</i>	Renier, 1804				P	In benthic grabs (Hopky et al. 1994d: 5 m)
<i>Heteronemertea sp.</i>					P	In benthic grabs (Hopky et al. 1994d: 5 m). Not in ITIS. May refer to the Order Heteronemertea rather than to a Genus.
Class Enopla						
Order Hoplonemertea						
<i>Hoplonemertea sp.</i>					P	In benthic grabs (Hopky et al. 1994d: 5 m). May refer to the Order Hoplonemertea rather than to a Genus.
Phylum Phoronida (horseshoe worms)						

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
Phylum Platyhelminthes (flatworms)						
Class Cestoda (tapeworms)						
Class Trematoda (flukes)					P	Horizontal tows (F.F. Slaney and Co. Ltd. 1975: 5 m).
Order Azgiida						
Family Hemiuridae					P	In larval fish stomachs (Chiperzak et al. 2003a-c: 5m).
<i>Brachyphallus sp.</i>	Odhner, 1905					
<i>Brachyphallus crenatus</i>	(Rudolphi, 1802)					
<i>Lecithaster sp.</i>	Luke, 1901					
Phylum Porifera (sponges)						
Class Demospongiae	Sollas, 1885					
Order Haplosclerida	Topsent, 1928					
Phylum Priapula (priapulans)					P	Formerly Ph. Priapulida. In benthic grabs (Hopky et al. 1994d: 5 m).
Family Priapulidae	Gosse, 1855					
<i>Halicryptus sp.</i>	von Siebold, 1849				P	In benthic grabs (Wacasey et al. 1977: MPA1, 5 m; Hopky et al. 1994d: 5 m) and fish stomachs (Atkinson and Percy 1991: 5 m).
<i>Halicryptus spinulosus</i>	von Siebold, 1849	P				
<i>Priapulus sp.</i>	Lamarck, 1816					
<i>Priapulus bicaudatus</i>	Danielssen, 1868				P	In benthic grabs (Hopky et al. 1994d: 5 m).
<i>Priapulus caudatus</i>	Lamarck, 1816				P	Bongo nets (Hopky et al. 1994b: 5 m).
Phylum Rotifera (rotifers)						
Class Euratatoria						
Order Flosculariacea	Harring, 1913					
Family Conochilidae	Harring, 1913					
<i>Conichilus sp.</i>	Ehrenberg, 1834				P	Bongo nets (Hopky et al. 1994c: 5 m).

SCIENTIFIC NAME AND TAXONOMIC HIERARCHY	AUTHORITY	MARINE PROTECTED AREA				COMMENTS AND (REFERENCES)
		Niaqunnaq (MPA 1)	Okeevik (MPA 2)	Kittigaryuit (MPA 3)	<5 m depth (5 m)	
Family Testudinellidae <i>Filinia sp.</i>	Harring, 1913 Bory de St. Vincent, 1824			P		Bongo nets (Hopky et al. 1994c: MPA3).
Order Ploima	Hudson and Gosse, 1886					
Family Asplanchnidae <i>Asplanchna sp.</i>	Eckstein, 1883 Gosse, 1850					
Family Brachionidae <i>Kellicottia sp.</i>	Ehrenberg, 1838 Ahlstrom, 1938		P	P	P	Horizontal tows (F.F. Slaney and Co. Ltd. 1975: MPA2, 5 m) and bongo nets (Hopky et al. 1994c: MPA3).
<i>Keratella sp.</i>	Bory de St. Vincent		P		P	Horizontal tows (F.F. Slaney and Co. Ltd. 1975: MPA2, 5 m).
<i>Keratella cochlearis</i>	(Gosse, 1851)			P	P	Bongo nets (Hopky et al. 1994b+c: MPA3, 5 m).
<i>Keratella quadrata</i>	(Muller, 1786)			P		Bongo nets (Hopky et al. 1994c: MPA3).
Family Synchaetidae <i>Polyarthra sp.</i>	Hudson and Gosse, 1886 Ehrenberg, 1838			P		Bongo nets (Hopky et al. 1994c: MPA3).
Phylum Sipuncula			P		P	Benthic grabs (F.F. Slaney and Co. Ltd. 1975: MPA2, 5m).
Phylum Tardigrada (water bears)					P	Bongo nets (Hopky et al. 1994b: 5 m) and benthic grabs (Hopky et al. 1994d: 5 m).
<i>Halobiotus arcturulus</i>	Crip and Kristensen, 1983					

APPENDIX 1. REFERENCES EXAMINED BUT NOT CITED

- Barry, T.W. 1976. Seabirds of the southeastern Beaufort Sea: summary report. Beaufort Sea Project Tech. Rep. No. 3A: 41 p. [APOA 72-3A].
- Bray, J.R. 1975. Marine fish surveys in the Mackenzie Delta area. Fish. Res. Board Manusc. Rep. Ser. 1326: 10 p.
- Bunch, J.N. 1974. Distribution and abundance of heterotrophic bacteria in the south Beaufort Sea. Part III. *In* A series of four reports on the marine ecology of the Mackenzie Delta and Tuktoyaktuk Peninsula Region. Environmental-social Committee, Northern Pipelines, Task force on Northern Oil Development Report No. 74-22. p. 175-195.
- Bunch, J.N., and Harland, R.C. 1974. Degradation of petroleum by a psychrotolerant marine flora from the Eskimo Lakes. Part 1. *In* A series of four reports on the marine ecology of the Mackenzie Delta and Tuktoyaktuk Peninsula Region. Environmental-social Committee, Northern Pipelines, Task force on Northern Oil Development Report No. 74-22. p. 1-30.
- Byers, S.C., and Kashino, R.K. Survey of fish populations in Kugmallit Bay and Tuktoyaktuk Harbour, Northwest Territories. Dobrocky Seatech, Sidney, B.C. vii + 77 p.
- Chiperzak, D.B., Hopky, G.E., and Lawrence, M.J. 1990. Marine ichthyoplankton data from the Canadian Beaufort Sea Shelf, July and September 1984. Can. Data Rep. Fish. Aquat. Sci. 779: v + 45 p.
- F.F. Slaney and Company Ltd. 1974. 1972-1974 environmental program, Mackenzie Delta, N.W.T. winter study supplement. F.F. Slaney & Co., Vancouver, B.C. variously paginated.
- F.F. Slaney and Company Ltd. 1976. 1975 summer environmental program, Mackenzie River estuary: Volume 1: aquatic studies. F.F. Slaney & Co., Vancouver, B.C. variously paginated.
- Galbraith, D.F., and Fraser, D.C. 1974. Distribution and food habits of fish in the eastern coastal Beaufort Sea. Beaufort Sea Project, Interim Report, Sidney, B.C. 48 p.
- Grainger, E.H. 1974. Baseline study of the marine environment in the area of the Mackenzie Delta, p. 101-173. *In* Marine ecology of the Mackenzie Delta and Tuktoyaktuk Peninsula Region, Part IIIa. Task Force on Northern Oil Development Report No. 74-22.
- Grainger, E.H. 1966. Seastars (Echinodermata : Asteroidea) of arctic North America. Fish. Res. Board Can. Bull. 152: 71 p.
- Griffiths, W. 1981a. An inventory of fisheries information for the waters of the southern Beaufort Sea, 1955-1981. Prepared by LGL Limited, Environmental Research Associates, for Institute of Ocean Sciences, Sidney, B.C. 59 p.
- Griffiths, W.B. 1981b. Characteristics of bowhead feeding areas. *In* Behavior, disturbance responses and feeding of bowhead whales in the Beaufort Sea, 1980. Edited by W.J. Richardson. Unpubl. Rep. by LGL Ecological Research Associates, Inc., Bryan, Texas for U.S. Bureau of Land Management, Washington, DC. p. 197-264.
- Hsiao, S.I.C. 1976. Biological productivity of the southern Beaufort Sea: phytoplankton and seaweed studies. Beaufort Sea Project, Technical Report No. 12C: 99 p.
- Kingsley, M.C.S. 1984. The abundance of ringed seals in the Beaufort Sea and Amundsen Gulf, 1983. Can. Manusc. Rep. Fish. Aquat. Sci. 1778.

-
- Kingsley, M.C.S., Calvert, W., and Stirling, I. 1982. The abundance of seals in the eastern Beaufort Sea, northern Amundsen Gulf, and Prince Albert Sound, 1981. Report prepared for Dome Petroleum Ltd., Esso Resources Canada Ltd., and Gulf Canada Resources Inc. by Canadian Wildlife Service, Edmonton, AB. v + 18 p.
- Lacho, G. 1986. Analysis of Arctic cod stomach contents from the Beaufort Shelf, July and September, 1984. Can. Data Rep. Fish. Aquat. Sci. 614: iv + 10 p.
- Olmsted, W.R. 1976. Summer environmental program Mackenzie River estuary, 1975. F.F. Slaney & Company Limited, Vancouver, BC. 2 Volumes.
- Percy, J.A. 1974. Effects of crude oil on Arctic marine invertebrates. Part 2. *In* A series of four reports on the marine ecology of the Mackenzie Delta and Tuktoyaktuk Peninsula Region. Environmental-social Committee, Northern Pipelines, Task force on Northern Oil Development Report No. 74-22. p. 31-100.
- Percy, R., Smiley, B, and Mullen, T. 1985. Fishes, invertebrates and marine plants: Beaufort Sea and the search for oil. Canada. Department of Fisheries and Oceans, Institute of Ocean Sciences, Sidney, B.C. 167 p.
- Pinkewycz, N.H.S.I. 1987. Phytoplankton data from the southern Beaufort Sea. Can. Data Rep. Fish. Aquat. Sci. 637: iv + 25 p.
- Ratynski, R.A. 1983. Mid-summer ichthyoplankton populations of Tuktoyaktuk Harbour, N.W.T. Can. Tech. Rep. Fish. Aquat. Sci. 1218: iv + 21 p.
- Sackmann, T. 1987. Survey of benthic infauna at Beaufort Sea shorebase sites. Canada. Environmental Protection Service, Western and Northern Region, Yellowknife, NT. iv. + 39 p. [W&NR-86-87-CP(EP)-11].
- Sekerak, A.D., Stallard, N., and Griffiths, W.B. 1992. Fish overwintering areas and habitats in the nearshore Beaufort Sea and Mackenzie Delta. Environmental Studies Research Fund, Calgary, Alberta. xxii + 157 p.
- Wacasey, J.W. 1975. Biological productivity of the southern Beaufort Sea: zoobenthic studies. Beaufort Sea Project, Technical Report No 12b: 39 p.