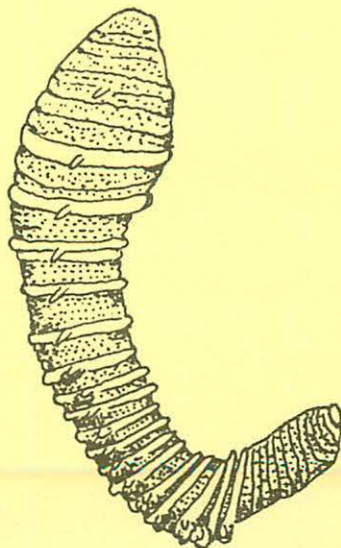


Curatorial Report Number 43

Nova Scotia Museum  
1747 Summer St.  
Halifax, Nova Scotia, Canada

# Polychaetous Annelids in the Nova Scotia Museum Collection

By Patricia Pocklington  
December 1979



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NOVA SCOTIA MUSEUM

*Curatorial Reports*

The *Curatorial Reports* of the Nova Scotia Museum contain information on the collections and the preliminary results of research projects carried out under the program of the museum. The reports may be cited in publications but their manuscript status should be clearly indicated.

*Abstract*

All polychaetes in the collection of the Nova Scotia Museum were examined and their identifications checked. Of the 224 species reported in the literature for Eastern Canadian waters, 87 are at present represented in the collection. Detailed studies of families with difficult taxonomy and more intensive collecting in selected localities are required to improve the collection.

## INTRODUCTION

This report deals with worms of the class Polychaeta of the Phylum Annelida.

As the name suggests the polychaetous annelids are bristled worms. They are described as segmented annelid worms having parapodia, setae and cephalic appendages.

The presence of polychaetes in the marine benthos is well known but a different picture of their significance is emerging. A smaller mesh size (ie. 0.5 mm) used in some benthic sampling retains a greater percentage of the polychaete population, the result being that polychaetes are found to be dominant in both species and numbers in some communities (Knox, 1977). It is recognized also that some genera of polychaetes modify the chemical and physical properties of their environment to measurable degrees. A conclusion one might draw from such studies is that polychaetes are a most important group of macro-benthic organisms. If this is the case then it is necessary to have more information on polychaete populations.

The purpose of this report is to evaluate the collection of polychaetes in the Nova Scotia Museum and recommend areas where it might be enlarged or improved, in order to provide a definitive reference collection available to the scientific community.

## STATUS OF THE COLLECTION

The collection consists mainly of material preserved in 70% isopropyl alcohol, housed in a steel storage cabinet. There are also a few dry specimens of Serpulidae kept separately. In most cases the individual lots are accessioned and described in the card catalogue system.

Every specimen in the collection was examined. Those correctly identified were confirmed. Those incorrectly identified or unidentified were keyed out using the keys of Brinkhurst et al (1975), Fauchald (1977), Fauvel (1923, 1927), Gosner (1971), Pettibone (1963) and Uschakov (1955).

Generally the keys were very good. Some families presented a problem in so far as it was possible to identify the specimen only to genus. This was particularly the case for Spionidae and Terebellidae. Positive identification to the species level has been left until a later date. A thorough literature survey of the spionid and terebellid polychaetes should eventually provide positive identification of the specimens unidentified at present.

The polychaetes in the collection have been organized according to the list in Gosner (1971). The museum has representatives in 12 of the 13 orders and 31 of 47 families listed, with 86 species in all. A literature survey of polychaetes found in Atlantic waters of Nova Scotia, Bay of Fundy, Gulf of St. Lawrence, Arctic waters off Ellesmere Island and intermediate locations yielded a list of 224 species. This list is almost identical to that of Gosner (1971) excluding, of course, his more southern species found near Cape Hatteras and Virginia. The collection in the Nova Scotia Museum represents about 40% of the species which have been found in the area under study.

The oldest specimen in the collection dates back to 1877 and is a Nereis virens collected by the U. S. F. C. Most early specimens in the museum were collected, by hand, by people usually looking for something else. They were found on beaches or caught in fish nets, and donated because they were large and/or conspicuous. Many common species were collected for the museum through intertidal studies in the 1950's. As the benthic fauna became better known and sampling techniques improved, the number of polychaetes brought into the museum increased. For example, studies like those done in Petpeswick Inlet, St. Margaret's Bay, Sable Island and on the Continental Shelf, where the benthic fauna was more carefully sampled, have contributed approximately 65% of the specimens in the collection.

The collection has adequate representation in the following families:

- Aphroditidae
- Nephtyidae
- Nereidae
- Arenicolidae
- Sternaspidae
- Onuphidae
- Orbiniidae
- Flabelligeridae
- Serpulidae

Representation was adequate in the following families in some genera only:

- Polynoidae
- Maldanidae
- Spionidae

Representation was found to be poor in the following families:

- Polynoidae
- Phyllodocidae
- Glyceridae
- Goniadidae
- Sphaerodoridae
- Pilargiidae
- Capitellidae
- Scalibregmidae
- Maldanidae
- Opheliidae
- Paraonidae
- Eunicidae
- Lumbrineridae
- Euprosinidae
- Cirratulidae
- Oweniidae
- Pectinariidae

Terebellidae  
Ampharetidae  
Sabellidae  
Serpulidae

Many of the above families have representatives which are very small and fragile. In order to collect specimens it would be necessary to search for them in several localities around Nova Scotia which have not been previously sampled for polychaetes. Results would help to relate the polychaete population here to those found in more northern and southern waters.

It is recommended that the collection be expanded to contain specimens of all the polychaetes found in the Atlantic waters off Eastern Canada.

#### ACKNOWLEDGEMENT

The author would like to thank Derek Davis and Fred Scott for their help with the organization and editing of this report.

## A LIST OF POLYCHAETES FOUND IN EASTERN CANADIAN WATERS (Nova Scotia to Ellesmere Island)

An asterisk indicates those species which are represented in the Nova Scotia Museum collection.

## ORDER PHYLLODOCIDA

Family Phyllodocidae

- \* Eteone flava (Fabricius)
- \* Eteone longa (Fabricius)
- \* Eteone lactea Claparède
- Eteone trilineata Webster and Benedict
- \* Eumida sanguinea (Oersted)
- \* Eulalia viridis (Linné)
- Eulalia bilineata (Johnston)
- Mystides borealis Théel
- Paranaites kosteriensis (Malmgren)
- \* Phyllodoce maculata (Linné)
- \* Phyllodoce mucosa Oersted
- \* Phyllodoce arenea Webster
- \* Phyllodoce groenlandica Oersted
- Paranaites speciosa (Webster)

Family Tomopteridae

- Tomopteris heligolandica Greeff
- Tomopteris planktonis Apstein
- Tomopteris septentrionalis Steenstrup

Family Typhloscolecidae

- Traviopsis levinseni Southern

Family Aphroditidae

- \* Aphrodita hastata Moore
- \* Laetmonice filicornis Kinberg

Family Polynoidae

- Antionoella badia Theel
- \* Antinoella sarsi (Malmgren)
- Antinoella angusta (Verrill)
- \* Arcteobia anticostiensis (McIntosh)
- Austrolaenilla mollis (Sars)
- Enipo canadensis (McIntosh)
- \* Enipo gracilis Verrill
- Enipo torelli (Malmgren)
- Eucranta villosa Malmgren
- Gattyana amondsenseni (Malmgren)
- \* Gattyana cirrosa (Pallas)
- Gattyanna nutti Pettibone
- Harmothoe acanellae (Verrill)
- \* Harmothoe extenuata (Grube)
- Harmothoe fragilis Moore
- \* Harmothoe imbricata (Linné)
- \* Harmothoe nodosa (Sars)

Family Polynoidae (continued)

- Harmothoe oerstedii (Malmgren)
- Harmothoe spinulosa (Verrill)
- \* Hartmania moorei Pettibone
- \* Lepidonotus squamatus (Linné)

Family Sigalionidae

- Leanira tetragona (Oersted)
- Pholoe minuta (Fabricius)
- Sthenelais limicola (Ehlers)

Family Glyceridae

- Glycera capitata Oersted
- \* Glycera dibranchiata Ehlers
- Glycera robusta Ehlers

Family Goniadidae

- \* Goniada brunea Treadwell
- Goniada maculata Oersted
- \* Goniada norvegica Oersted
- \* Ophioglycera gigantea Verrill

Family Sphaerodoridae

- Ephesiella biserialis (Berkeley and Berkeley)
- Ephesiella minuta (Webster & Benedict)
- \* Sphaerodorum gracilis (Rathke)

Family Nephtyidae

- Aglaophamus circinata (Verrill)
- Aglaophamus malmgreni (Théel)
- Micronephtys minuta (Théel)
- \* Nephtys bucera Ehlers
- \* Nephtys caeca (Fabricius)
- \* Nephtys ciliata (O. F. Müller)
- Nephtys discors Ehlers
- \* Nephtys incisa Malmgren
- Nephtys longosetosa Oersted
- Nephtys paradoxa Malmgren

Family Syllidae

- Amblyosyllis finmarchica (Malmgren)
- Autolytus alexandri Malmgren
- Autolytus cornutus Agassiz
- Autolytus emertoni Verrill
- Autolytus prismaticus (Fabricius)
- Autolytus prolifer (O.F. Müller)
- Autolytus verrilli Marenzeller
- Brania clavata (Claparède)
- Eusyllis bloomstrandii Malmgren
- Exogone hebes (Webster and Benedict)



Family Syllidae (continued)

Exogone verugera (Claparède)  
 Sphaerosyllis erinaceus Claparède  
 Streptosyllis varians Webster and Benedict  
 Syllis cornuta Rathke  
 Syllis fasciata Malmgren  
 Syllis gracilis Grube

Family Hesionidae

Nereimyra punctata (O.F. Müller)

Family Pilargiidae

\* Ancistrosyllis groenlandica McIntosh

Family Nereidae

Ceratocephale loveni Malmgren  
 \* Nereis arenaceodonta Moore  
 \* Nereis diversicolor O. F. Müller  
 \* Nereis pelagica Linné  
 \* Nereis (Neanthes) succinea (Frey and Leuckart)  
 \* Nereis (Neanthes) virens Sars  
 Nereis zonata Malmgren

ORDER CAPITELLIDAFamily Capitellidae

\* Capitella capitata (Fabricius)  
 \* Notomastus latericeus Sars

Family Arenicolidae

\* Arenicola marina (Linné)

Family Scalibregmidae

\* Polyphysia crassa (Oersted)  
 Scalibrigma inflatum Rathke

Family Maldanidae

\* Axiothella catenata (Malmgren)  
 \* Clymanella torquata (Leidy)  
 Clymanella zonalis (Verrill)  
 Leiochone borealis Arwidsson  
 \* Maldane sarsi Malmgren  
 Maldanella davisii McIntosh  
 Nichomache canadensis McIntosh  
 \* Nichomache lumbricalis (Fabricius)  
 \* Praxillella gracilis (Sars)  
 \* Praxillella praetermissa Malmgren  
 \* Praxillura ornata (Verrill)

Family Opheliidae

*Ammotrypane aulogaster* Rathke  
*Ammotrypane breviata* (Ehlers)  
*Ophelia limacina* (Rathke)  
*Travisia forbesii* Johnston

ORDER STERNASPIDAFamily Sternaspidae

\* *Sternaspis scutata* (Renier)

ORDER SPIONIDAFamily Spionidae

\* *Dispio uncinata* Hartman  
*Laonice cirrata* Sars  
*Malacoceros fuliginosis* (Claparède)  
*Polydora caeca* (Oersted)  
*Polydora caulleryi* Mesnil  
*Polydora concharum* Verrill  
*Polydora quadrilobata* Jacobi  
*Polydora websteri* Hartman  
\* *Polydorella* sp.  
\* *Prionospio malmgreni* Claparède  
*Prionospio steenstrupi* Malmgren  
\* *Pygiospio elegans* Claparède  
\* *Pseudomalacoceros* sp.  
\* *Scolecocarpus viridis* (Verrill)  
\* *Spiophanes bombyx* (Claparède)  
\* *Spio filicornis* (O.F. Müller)  
\* *Spio setosa* (Verrill)  
\* *Streblospio* sp.

Family Trochochaetidae

*Trochochaeta multisetosa* (Oersted)  
*Trochochaeta watsoni* (Fauvel)

Family Paraonidea

*Aricidea jeffreysii* (McIntosh)  
*Aricidea quadrilobata* Webster and Benedict  
*Aricidea suecica* Eliason  
\* *Paraonis fulgens* (Levinson)  
*Paraonis gracilis* (Tauber)  
*Paraonis lyra* Southern

- Family Apistobbranchidae  
*Apistobbranchus tullbergi* (Théel)
- ORDER EUNICIDA
- Family Onuphidae  
*Hyalinoecia tubicola* (O. F. Müller)  
 \* *Onuphis conchylega* Sars  
 \* *Onuphis opalina* (Verrill)  
 \* *Onuphis quadricuspis* Sars
- Family Eunicidae  
 \* *Eunice pennata* (O. F. Müller)
- Family Lumbrineridae  
*Lumbrineris fauchaldi* Blake  
 \* *Lumbrineris fragilis* (O. F. Müller)  
 \* *Lumbrineris impatiens* (Claparède)  
 \* *Lumbrineris latreilli* (Audoin and Milne-Edwards)  
*Lumbrineris minuta* Théel  
*Lumbrineris tenuis* (Verrill)  
 \* *Ninoe nigripes* Verrill
- Family Arabellidae  
*Arabella iricolor* (Montagu)  
*Driloneris magna* Webster and Benedict
- Family Dorvellingidae  
*Stauronereis caecus* (Webster and Benedict)
- ORDER AMPHINOMIDA
- Family Euphrosinidae  
 \* *Euphrosine borealis* Oersted  
*Euphrosine cirrata* Sars
- ORDER ARICIIDA
- Family Orbiniidae  
*Naineris quadricuspida* (Fabricius)  
*Orbinia kupfferi* (Ehlers)  
 \* *Orbinia norvegica* (Sars)  
 \* *Orbinia ornata* (Verrill)  
 \* *Orbinia swani* Pettibone  
 \* *Scoloplos acutus* (Verrill)  
 \* *Scoloplos armiger* (O. F. Müller)  
*Scoloplos fragilis* (Verrill)  
 \* *Scoloplos robustus* (Verrill)

ORDER CIRRATULIDAFamily Cirratulidae

- \* Dodecaceria concharum (Oersted)
- Chaetozone setosa Malmgren
- \* Cirratulus cirratus (Müller)
- Cossura longicirrata Webster and Benedict
- \* Tharyx acutus Webster and Benedict

ORDER OWENIIDAFamily Oweniidae

- Myriochele heeri Malmgren
- Myriochele oculata Zachs
- \* Owenia fusiformis delle Chiaje

ORDER TEREBELLIDAFamily Pectinariidae

- \* Pectinaria (Cistenides) gouldi (Verrill)
- \* Pectinaria (Cistenides) granulata (Linné)
- \* Pectinaria (Cistenides) hyperborea (Malmgren)

Family Ampharetidae

- Ampharete acutifrons Grube
- Ampharete arctica Malmgren
- Ampharete grubei Malmgren
- Amphicteis gunneri Malmgren
- Amphicteis sundevalli Malmgren
- Asabellides oculata (Webster)
- Asabellides siberica (Wiren)
- Glyphanostomum pallescens (Théel)
- Lysippe labiata Malmgren
- Melinna cristata (Sars)
- Melinna elizabethae McIntosh
- Melinnexis annenkovae Uschakov
- Pseudosabellides littoralis Berkeley
- Sabellides borealis Sars

Family Terebellidae

- Amphitrite affinis Malmgren
- Amphitrite cirrata Müller
- Amphitrite groenlandica Malmgren
- Amphitrite johnstoni Malmgren
- Leaena abbranchiata (Sars)
- Lysilla loveni Malmgren

Family Terebellidae (continued)  
 Nicolea venustula (Montagu)  
 Pista cristata (O. F. Müller)  
 Pista flexuosa (Grube)  
 Pista maculata Dalyell  
 Polycirrus eximius Leidy  
 Polycirrus medusa Grube  
 Polycirrus phosphoreus Verrill  
 Thelepus cincinnatus (Fabricius)

Family Tricobbranchidae  
 Terebellides stroemi Sars

ORDER FLABELLIGERIDA

Family Flabelligeridae  
 \* Brada granosa Stimpson  
 Brada inhabilis (Rathke)  
 \* Brada villosa (Rathke)  
 Diplocirrus hirsutis (Hansen)  
 Flabelligera affinis Sars  
 \* Pherusa plumosa (O. F. Müller)

ORDER SABELLIDA

Family Sabellidae  
 Branchioma infarcta Kröyer  
 Chone duneri Malmgren  
 Chone infundibuliformis Kröyer  
 Euchone analis (Kröyer)  
 Euchone papillosa (Sars)  
 Euchone rubrocincta (Sars)  
 Fabricia sabella (Ehrenberg)  
 Myxicola infundibulum (Renier)  
 \* Potamilla neglecta Sars  
 Potamilla renformis (Leukart)  
 Sabella fabricii Kröyer

Family Serpulidae  
 \* Spirorbis borealis (Daudoin)  
 Spirorbis granulatus (Linné)  
 \* Spirorbis spirillum (Linné)  
 \* Filograna implexa Berkeley

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## LIST OF COLLECTORS AND IDENTIFIERS

Abbreviations used in the collector and identifier (ID) columns of the catalog.

AD	Allan Eaves
BB	Bruce Bennett
BH	Bruce Hatcher
BHa	Barry Hargrave
BM	Betty Ann Milligan
BR	Byron Reid
BW	Barry Wright
CC	Colleen Clarke
DA	Don Aldous
DD	Derek Davis
EM	Elizabeth Macalaster
EMG	Environmental Marine Geology (BIO)
FR	Famida Rafi
FS	Fred Scott
GO	Garnet Oliver
HP	Harry Piers
IV	Ivan Bayley
JC	J. Cummings
JG	John Gilhen
JJ	John Jenkins
JLM	Lynton Martin
JM	Jane McNeil
LC	Linda Cameron
LD	Lloyd Duncanson
LP	L.A. Purcell
MA	MacLaren Atlantic (Maclaren-Marex)
MB	Michael Burke
MJ	Marilyn Jenkins
MP	Miriam Pettibone
MT	M. S. Tolley
PD	Paul Doleman
PO	Paul Odense
PP	Patricia Pocklington
PS	Peter Shute
PST	Pat Stewart
RB	Ron Bowdridge
RL	Rosemary Lane
RO'C	Rita O'Clair
SB	Sherman Bleakney
SS	Stephen Sharpe
TH	Trevor Hughes
USFC	United States Fisheries Commission
WM	W. R. McIlreith
WTM	W. T. Murphy
--	not recorded



## POLYCHAETES IN THE COLLECTION OF THE NOVA SCOTIA MUSEUM

## ORDER PHYLLODOCIDA

## Family Phyllodocidae

Eteone flava (Fabricius) 1780.

DISTRIBUTION: Canadian Arctic, possibly circumpolar, Gulf of St. Lawrence to Maine.

HABITAT: Combination of mud, gravel, rocks and sand, low water to 862 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-Z-351.18(1)	St.Margarets Bay,NS	Aug 1976	RH	PP
1971-Z-193.4(10)	Petepeswick Inlet,NS	22 Jul 1971	DD	PP
1972-Z-565.3(2)	Petepeswick Inlet, NS	1971	DD	PP

Reference: Pettibone,1963.

Eteone longa (Fabricius) 1780

DISTRIBUTION: Widely distributed; Arctic, Hudson Bay to N. Carolina, Bering Sea to Mexico.

HABITAT: Soft mud, sand, gravel, pebble, rocks and tubes, low water to 1707 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1971-Z-105.15(4)	Petepeswick Inlet,NS	13 Mar 1971	DD	DD,PP
1971-Z-108.2(2)	Petepeswick Inlet,NS	21 Mar 1971	BH	DD,PP
1976-Z-351.46(part)	St.Margarets Bay,NS	Aug 1976	TH	PP
1971-Z-116.16(1)	Petepeswick Inlet,NS	5 May 1971	DD	PP
1972-Z-561.1(3)	Petepeswick Inlet,NS	6 May 1971	DD	PP

Reference: Pettibone, 1963.

Eteone lactea Claparède 1868

DISTRIBUTION: North Atlantic, Gulf of St. Lawrence to Florida, North Sea, Baltic and Mediterranean Seas.

HABITAT: Sandy gravel bottoms, intertidal to 366 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1957-Z-47.2(1)	Lawrencetown, NS	20 Sep 1957	RL, JM	MP
1973-Z-510.14(1)	S.W. of Sable I, NS	16 Apr 1973	DA	DA

Reference: Pettibone, 1963.

Eumida sanguinea (Oersted) 1843

DISTRIBUTION: North Atlantic; from Gulf of St. Lawrence to Georgia. Pacific.

HABITAT: Mud, gravel, stones and sand from intertidal to 620 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1973-Z-515.29(1)	North of Sable I, NS	17 Apr 1973	DD	PP

Reference: Pettibone, 1963

Eulalia viridis (Linné) 1767

DISTRIBUTION: Widely distributed in Arctic, Gulf of St. Lawrence to New Jersey, in Pacific and Indian Oceans.

HABITAT: Muddy gravel, low water to 229 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
957-Z-46.1(1)	N.W.Arm, Hfx. Co., NS	Oct 1957	MJ, JJ, RL	MP
1972-Z-558.3(1)	Petpeswick Inlet, NS	1971	DD, LC	PP

Reference: Pettibone, 1963

Plyllodoce (Anaitides) maculata (Linné) 1767

DISTRIBUTION: Gulf of St. Lawrence to Long Island; North Atlantic and North Pacific.

HABITAT: Rocky pools, wharves, muddy sands.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1972-Z-515.2(2)	Peggy's Cove, NS	6 Jul 1972	DD	RO'C
1971-Z-159.7(5)	Petpeswick Inlet, NS	2 Jun 1971	DD, LC	RO'C
1954-Z-8.1(1)	Cherry Hill, NS	Jun 1954	JJ, MJ	MP
1957-Z-45.1(1)	Partridge Island, NS	24 Sep 1957	JM, RL	MP

Reference: Pettibone, 1963

Phyllodoce (Anaitides) mucosa Oersted 1843

DISTRIBUTION: Scattered records in Arctic, off Labrador, Gulf of St. Lawrence, N.S., N.B. to Long Island, Alaska to California, in Pacific and off Africa.

HABITAT: Mud, muddy sand with rocks, low water to 267 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1969-Z-14.23(3)	St. Andrews, NB	23 Sep 1969	DD	DD
1972-Z-558.1(1)	Petpeswick Inlet, NS	17 Apr 1973	DD	PP
1973-Z-514.32(1)	North of Sable Island, NS	17 Apr 1973	DD	DA
1973-Z-516.14(1)	North of Sable Island NS	17 Apr 1973	DD	PP

Reference: Pettibone, 1963

Phyllodoce (Anaitides) arenae Webster 1879

DISTRIBUTION: Nova Scotia to New Jersey.

HABITAT: Muddy sand bottom, low water to 183 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1973-Z-522.12(3)	Emerald Bank, off NS	18 Apr 1973	DD	PP
1973-Z-514.48(1)	North of Sable Island NS	17 Apr 1973	DD	PP

Reference: Pettibone, 1963

Phyllodoce (Anaitides) groenlandica Oersted 1842

DISTRIBUTION: Circumpolar in the Arctic; occurs in subarctic, Labrador, Gulf of St. Lawrence, N.S., Nfld. to North Carolina.

HABITAT: Muddy, sandy, gravel, low water to 1585 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1971-Z-406.13(1)	Petpeswick Inlet, NS	15-17 Jun 1971	DD, LC	PP

Reference: Pettibone, 1963

## Family Aphroditidae

Aphrodita hastata Moore 1905

DISTRIBUTION: Gulf of St. Lawrence, Grand Banks to Chesapeake Bay; Passamaquoddy Bay and St. Margaret's Bay.

HABITAT: Sand and sandy mud, shallow water.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1910-Z-17.(1)	Halifax Hbr., NS	11 Mar 1910	JB	--
1909-Z-5.(1)	Sydney Mines, NS	24 May 1909	JB	--
1913-Z-5.1(1)	Halifax Hbr., NS	3 Apr 1913	LP	--
1957-Z-5.1(1)	Jollimore, NS	24 Oct 1927	WM	--
1973-Z-364.2(1)	Halifax Hbr., NS	3 Oct 1973	BM,PD	--
1973-Z-511.4(2)	Sable Island, NS	16 Apr 1973	DD	--

Reference: Pettibone, 1963

Laetmonice filicornis Kinberg 1855

DISTRIBUTION: Davis Strait, Gulf of St. Lawrence, off Nfld. Ranges from N. Atlantic to West Indies.

HABITAT: Mostly in bottoms of mud and fine sand of open seas.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1973-Z-518.10(1)	NW side of Sable I., NS	17 Apr 1973	DD	DA
1973-Z-501.8(19)	Emerald Bank, NS	15 Apr 1973	DD	RO'C
1973-Z-376.1(1)	Emerald Bank, NS	18 Oct 1973	PO	DA
1973-Z-375.1(3)	Emerald Bank, NS	18 Oct 1973	PO	DA
1973-Z-502.19(1)	Emerald Bank, NS	15 Apr 1973	DD	DD
1973-Z-523.14(2)	Emerald Bank, NS	18 Apr 1973	DD	DA
1973-Z-525.5(4)	Emerald Bank, NS	18 Apr 1973	DD	DA
1973-Z-524.8(4)	Emerald Gully, NS	18 Apr 1973	DD	DA
1973-Z-500.7(6)	Emerald Basin, NS	15 Apr 1973	DD	DA
1976-Z-371.14(1)	Emerald Basin, NS	9 Mar 1977	DD	EM

Reference: Pettibone, 1963

## Family Polynoidae

Antinoella sarsi Malmgren 1865

DISTRIBUTION: Widely distributed in Arctic, Great Britain, Baltic, Labrador, Massachusetts, Bering Sea, N. Japan Sea.

HABITAT: Muddy bottom with stones and gravel, 6 to 2,500 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-Z-351.33(Part) (1)	St. Margaret's Bay, NS	Aug 1976	TH	PP

Reference: Pettibone, 1963

Arcteobia anticostiensis (McIntosh) 1874

DISTRIBUTION: Labrador, Gulf of St. Lawrence, NS, Maine to Massachusetts.

HABITAT: Silty mud and sand, 9 to 174 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-Z-351.34(1)	St. Margaret's Bay, NS	Aug 1976	TH	TH, EM
1976-Z-351.23(20)	St. Margaret's Bay, NS	Aug 1976	TH	TH, EM

Reference: Pettibone, 1963

Enipo gracilis Verrill 1874

DISTRIBUTION: Gulf of St. Lawrence, NS to Connecticut, USA

HABITAT: Silty mud and clay and gravel, 4 to 225 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-Z-351.22(6)	St. Margaret's Bay, NS	Aug 1976	TH	TH, EM
1976-Z-351.48(6)	St. Margaret's Bay, NS	Aug 1976	TH	PP
1976-Z-364.67(1)	Halifax Hbr., NS	3 Oct 1973	BM, PD	PP

Gattyana cirrosa (Pallas) 1776

DISTRIBUTION: Canadian Arctic, Gulf of St. Lawrence, NS, NB to S. Carolina.

HABITAT: On mud, mud with rocks, fine sand and pebbles, low water to 1153 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-Z-351.33 (Part) (12)	St. Margaret's Bay, NS	Aug 1976	TH	TH, EM

Reference: Pettibone, 1963

Harmothoe extenuata (Grube) 1840

DISTRIBUTION: Widely distributed in the Arctic, in W. Atlantic from Hudson Bay, Labrador, Gulf of St. Lawrence, to Chesapeake Bay; Iceland to S. Africa in E. Atlantic, and Bering Sea to California in the Pacific.

HABITAT: Extremely adaptable and therefore widespread, from intertidal to 1830 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1969-Z-13.22 (1)	Passamaquoddy Bay, NB	22 Sep 1969	DD, FS	PP
1969-Z-13.24 (Part) (2)	Passamaquoddy Bay, NB	22 Sep 1969	DD, FS	PP
1969-Z-13.25 (1)	Passamaquoddy Bay, NB	22 Sep 1969	DD, FS	PP
1971-Z-120.1 (3)	Petpeswick Inlet, NS	5 May 1971	DD, LC	PP
1971-Z-196.26 (Part) (1)	Petpeswick Inlet, NS	22 Jul 1971	DD	
1973-Z-364.57 (1)	Halifax Hbr, NS	3 Oct 1973	BM, PD	PP
1973-Z-511.12 (1)	Emerald Bank, NS	16 Apr 1973	DD	PP
1973-Z-515.30 (2)	N. of Sable I. NS	17 May 1973	FD	DA
1975-Z-264.1 (2)	Fleming Park, Hfx, NS	13 Nov 1952	JL, M	MP
1979.209.1 (2)	Bay of Fundy nr. Digby, NS	6 Aug 1958	BR, LD	PP

Reference: Pettibone, 1963

Harmothoe imbricata (Linné) 1767

DISTRIBUTION: Widely distributed in the Arctic and from Labrador to New Jersey.

HABITAT: One of the most common polynoids in N. America, found in a variety of habitats from low water to 3715 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
957-Z-38.1(1)	Partridge I, Cumb.Co.NS	24 Sep 1957	JM,RL	MP
957-Z-39.1(1)	N.W.Arm, Halifax,NS	Oct 1957	MJ,JM,RL	PP
957-Z-40.1(1)	Crystal Cliffs,Ant.NS	27 Sep 1957	RL,JM	PP
1969-Z-141.9(1)	Peggy's Cove,NS	11 Jun 1969	BM,PD	PP
1970-Z-312.7(1)	Halifax Hbr, NS	12 Dec 1970	PD,ND	PP
1971-Z-109.7(Part) (1)	Petite Riviere,NS	30 Jun 1967	JG	PP
1971-Z-145.14(Part) (1)	Petpeswick Inlet,NS	20 May 1971	DD,LC	PP
1971-Z-195.8(2)	Petpeswick Inlet,NS	22 Jul 1979	DD	PP
1971-Z-196.25(5)	Petpeswick Inlet,NS	22 Jul 1979	DD	PP
1971-Z-196.26(5)	Petpeswick Inlet,NS	22 Jul 1971	DD	PP
1972-Z-558.6(1)	Petpeswick Inlet,NS	1971	DD	PP
1973-Z-358.6(3)	St. Mary's River,Est,NS	14 Aug 1973	DD,PD	PP
1973-Z-509.15(1)	S.W. of Sable I.NS	16 Apr 1973	DD	PP
1973-Z-511.12(Part) (1)	Emerald Bank, NS	16 Apr 1973	DD	PP
1973-Z-514.35(2)	N.of Sable I.,NS	17 Apr 1973	DD	PP
1973-Z-514.46(4)	N. of Sable I.,NS	17 Apr 1973	DD	PP
1975-Z-262	Two Islands, Parrsboro, NS	24 Sep 1957	—	MP
1975-Z-263.1(2)	St. Margaret's Bay,NS	16 Oct 1973	PD	MP
1975-Z-277.20(2)	St. Margaret's Bay,NS	16 Oct 1973	PD	DA,PP
1976-Z-351.17(3)	St.Margaret's Bay,NS	19 Aug 1976	TH	PP
1976-Z-351.20(Part) (1)	St. Margaret's Bay,NS	Aug 1976	TH	TH,PP

Reference: Pettibone, 1963

Harmothoe (Eunoe) nodosa (Sars) 1860

DISTRIBUTION: Widely distributed in the Arctic, Canadian Arctic to New Jersey on East coast of N. America, South to English Channel on European coast to California on West Coast of N. America.

HABITAT: 18 to 1203 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-Z-357.15(1)	Davis Strait	25 Jul 1976	MA	PP

Reference: Pettibone, 1963



Hartmania moorei Pettibone 1955

DISTRIBUTION: Western Atlantic, Nova Scotia, Maine to Massachusetts.

HABITAT: In silty mud and fine sand. Low water to 165 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-Z-351.21(3)	St. Margaret's Bay, NS	Aug 1976	TH	TH, EM

Reference: Pettibone, 1963

Lepidonotus squamatus (Linné) 1758

DISTRIBUTION: Labrador, Gulf of St. Lawrence, New Brunswick, Nova Scotia to Long Island.

HABITAT: Rocky gravel bottoms from intertidal to 2562 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1968-Z-50.5(1)	Lawrencetown Head, Hfx. Co. N.S.	6 Nov 1968	DD	DD
1969-Z-141.39	Peggy's Cove, NS	Aug 1969	PD	PP
1969-Z-144.20(5)	Peggy's Cove, NS	11 Jan 1969	PD, BM	BM
1969-Z-13.24(2)	Passamaquoddy Bay, NB	22 Sep 1969	FS, DD	PP
1971-Z-108.40(1)	Petpeswick Inlet, NS	21 Mar 1971	BM, BB	PP
1971-Z-109.7(3)	Petite Riviere, Lun. Co. NS	30 Jun 1967	JG	DD
1972-Z-791.3(1)	Prim Point, Dig. Co. NS	14 Nov 1972	GO	PP
1975-Z-261.1	Herring Cove, NS	24 Sep 1957	JM, RL	MP
1976-Z-304.30(1)	East River, Lun. Co. NS	Jul 1975	CC	PP
1952-Z-3.1(1)	Fleming Park, Halifax, NS	13 Nov 1952	JM	--
1958-Z-6.1(1)	Two Islands, Cumb. Co. NS	18 Aug 1958	JM	--
1957-Z-44.1(1)	Two Islands, Cumb. Co. NS	24 Sep 1957	JM, RL	MP
1972-Z-517.2(6)	Grand Manan, NB	19 Jul 1969	DD	DD, PP
1971-Z-194.4(2)	Petpeswick Inlet, NS	22 Jul 1971	DD	PP
1971-Z-195.8(Part)	Petpeswick Inlet, NS	22 Jul 1971	DD	PP
1971-Z-195.19(Part) (1)	Petpeswick Inlet, NS	22 Jul 1971	DD	PP
1971-Z-196.25(Part) (5)	Petpeswick Inlet, NS	22 Jul 1971	DD	PP

Lepidonotus squamatus (continued)

1979.206.1(16)	Parrsboro, NS	18 Aug 1958	JM	PP
1979.210.1(1)	Peggy's Cove, NS	31 Jul 1958	--	PP

Reference: Pettibone, 1963

## Family Glyceridae

Glycera dibranchiata Ehlers 1868

DISTRIBUTION: Gulf of St. Lawrence to Florida, Mexico to California.

HABITAT: In mud, sand, gravel, rocks and mixtures of these, low water to 403 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1918-Z-5.1(1)	Hubbards, NS	28 Jul 1918	HP	MP
1957-Z-66.1(1)	Cambridge, NS	27 Nov 1957	RL, JM	MP
1971-Z-109.10(3)	Petite Riviere, NS	30 Jun 1967	JG	DD, PP
1972-Z-506.4(2)	Evangeline Beach, NS	1 Jun 1972	DD	DD, PP
1975-Z-274.3(2)	Halifax, NS	1877	USFC	MT
1979.201.1(1)	Parrsboro, NS	18 Aug 1957	JM	PP

Reference: Pettibone, 1963

## Family Goniadidae

Goniada brunnea Treadwell 1906

DISTRIBUTION: In the Western Atlantic, Nova Scotia to North Carolina; in the Pacific, Alaska to California.

HABITAT: Mud and broken shells, low water to 1691 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-Z-351.38(20)	St. Margaret's Bay, NS	Aug 1976	TH	PP

Reference: Pettibone, 1963

Goniada norvegica Oersted 1845

DISTRIBUTION: Arctic, Norway, Faroes, Iceland, North Sea, Mediterranean, Adriatic, Massachusetts, to Long I.

HABITAT: Sticky mud, fine sand with rocks and gravel, 40 to 853 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-Z-357.14(1)	Davis Strait	20 Jun 1976	MA	PP

Reference: Pettibone, 1963

Ophioglycera gigantea Verrill 1865

DISTRIBUTION: Nova Scotia to Rhode I.

HABITAT: Mud flats and sandy mud, low water to 46 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1957-Z-65.1(1)	Two Islands, Parrshoro, NS	24 Sep 1957	JM, RL	MP
1957-Z-65.1(2)	E. Partridge I. Cumb. Co. NS	24 Sep 1957	JM, RL	MP

Reference: Pettibone, 1963

## Family Sphaerodoridae

Sphaerodorum gracilis (Rathke) 1843

DISTRIBUTION: Arctic, Boreal, Eastern Canada.

HABITAT: In fine gravel and shells, littoral to 1323 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-Z-358.9 (Part) (1)	Davis Strait	1976	MA	PP

Reference: Pettibone, 1963

## Family Nephtyidae

Nephtys bucera Ehlers 1868

DISTRIBUTION: Gulf of St. Lawrence to North Carolina.

HABITAT: In sand bars and shifting sand at low water

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1968-Z-48.16 (1)	Scotts Bay, NS	30 Oct 1968	DD	--
1971-Z-109.9 (7)	Petite Riviere, Lun. Co., NS	30 Jun 1967	DD	DD
1971-Z-146.1 (4)	Petpeswick Inlet, NS	20 May 1971	DD, LC	LC
1971-Z-160.1 (1)	Petpeswick Inlet, NS	20 May 1971	DD, LC	PD
1971-Z-429.1 (1)	Petpeswick Inlet, NS	21 Jun 1971	DD, LC	LC
1975-Z-272.1 (1)	Lawrencetown, Halifax Co., N.S.	20 Sep 1975	RL, JM	MP
1975-Z-274.1 (1)	Cambridge, Hants Co, NS	27 Nov 1975	RL, JM	MP
1976-Z-106.39 (1)	Wallace Lake, Sable I. NS	24 Jul 1976	DA	DA, PP

Reference: Pettibone, 1963

Nephtys caeca (Fabricius) 1780

DISTRIBUTION: Scattered records in Arctic, Gulf of St. Lawrence to Rhode Island.

HABITAT: Shifting sands at low water mark.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1957-Z-56.1 (1)	Prospect, Hfx. Co., NS	13 Sep 1957	JM, RL	MP
1957-Z-57.1 (1)	Cambridge, Hants Co.	27 Nov 1957	JM, RL	MP
1957-Z-58.1 (1)	Lawrencetown, Hfx. Co. NS	20 Sep 1957	JM, RL	MP
1957-Z-61.1 (1)	Cheverie, Hants Co., NS	23 Sep 1957	RL	MP
1968-Z-48.19 (6)	Scotts Bay, NS	30 Oct 1968	DD	PP
1971-Z-116.11 (1)	Petpeswick Inlet, NS	5 May 1971	DD, LC	LC
1971-Z-118.3 (3)	Petpeswick Inlet, NS	5 May 1971	DD, LC	PP
1971-Z-141.11 (6)	Petpeswick Inlet, NS	14 May 1971	DD, LC	PP
1971-Z-151.3 (2)	Petpeswick Inlet, NS	25 May 1971	MB	PP
1971-Z-403.5 (1)	Petpeswick Inlet, NS	15 Jun 1971	DD, LC	LC, PP
1971-Z-413.6 (8)	Petpeswick Inlet, NS	16 Jun 1971	DD, LC	LC
1971-Z-416.3 (2)	Petpeswick Inlet, NS	16 Jun 1971	DD, LC	LC

Nephtys caeca (continued)

1971-Z-418.3(2)	Petpeswick Inlet, NS	17 Jun 1971	FS, LC	LC, PP
1971-Z-420.2(1)	Petpeswick Inlet, NS	18 Jun 1971	DD, LC	LC, PP
1971-Z-410.6(3)	Petpeswick Inlet, NS	16 Jun 1971	DD, LC	LC, PP
1971-Z-479.8(2)	Petpeswick Inlet, NS	3 Aug 1971	DD, LC	PP
1975-Z-274.1	Halifax, NS	1877	USFC	--
1972-Z-516.15(2)	Caribou Island, NS	12 Jul 1972	DD	PP
1972-Z-516.17(1)	Caribou Island, NS	12 Jul 1972	DD	PP
1972-Z-555.2(3)	Petpeswick Inlet, NS	1971	DD	PP
1972-Z-572.7(5)	Petpeswick Inlet, NS	6 May 1971	DD, LC	PP

Reference: Pettibone, 1963

Nephtys ciliata (O.F.Müller) 1789

DISTRIBUTION: Widely distributed in the Arctic and Atlantic, Labrador to Massachusetts.

HABITAT: Combinations of mud, sand, pebbles, gravel and shells, low water to 915 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-Z-351.39(1)	St. Margaret's Bay, NS	Aug 1976	TH	TH, PP

Reference: Pettibone, 1963

Nephtys incisa Malmgren 1865

DISTRIBUTION: North Atlantic, Gulf of St. Lawrence to Chesapeake Bay.

HABITAT: Muddy bottoms, low water to 1728m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1957-Z-60.(1)	NW Arm, Hfx. Co., NS	Oct 1957	RL	PP
1957-Z-60.1(1)	NW Arm, Hfx. Co., NS	Oct 1957	MJ, JJ, JH	MP
1969-Z-13.19(1)	Passamaquoddy Bay, NB	22 Sep 1969	DD, FS	PP
1974-Z-364.58(1)	Halifax Hbr., NS	Oct 1973	BM, PD	DA, RO'
1973-Z-500.8(9)	Emerald Basin, NS	15 Apr 1973	DD	DD, R.C
1973-Z-501.13(3)	Emerald Bank, NS	15 Apr 1973	DD	DA

Nephtys incisa (continued)

1975-Z-284.4(2)	Fishing Banks off Halifax,NS	Jan 1975	PS	PP
1976-Z-371.13(2)	Emerald Basin,NS	9 Mar 1977	DD	EM,PP
1971-Z-194.12(1)	Petpeswick Inlet,NS	22 Jun 1971	DD	PP

Reference: Pettibone, 1963

Family Pilargiidae

Ancistrosyllis groenlandica McIntosh 1879

DISTRIBUTION: Davis Strait, scattered locations in West and East North Atlantic.

HABITAT: Sandy mud and silty clay with shells and gravel.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collection</u>	<u>ID</u>
1976-Z-357.13(Part)	(1) Davis Strait	25 Jul 1976	MA	PP

Reference: Pettibone, 1963

Family Nereidae

Nereis (Neanthes) arenaceodonta Moore 1903

DISTRIBUTION: Atlantic and Indian Oceans, N.S. to Maryland, Florida, records from Pacific.

HABITAT: Muddy sand, low water to 92 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1971-Z-412.6(1)	Petpeswick Inlet,NS	16 Jun 1971	DD,LC	DD

Reference: Pettibone, 1963

Nereis (Neanthes) diversicolor O.F.Müller 1776

DISTRIBUTION: North Atlantic, English Channel, Denmark, Gulf of St. Lawrence, NS, NB, Maine, New Hampshire, Massachusetts.

HABITAT: Highly euryhaline, in mud, clay, muddy and gravelly sand, littoral zone to 40 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1957-Z-51.1(3)	Cape George, Ant. Co.NS	27 Sep 1957	RL,JM	MP
1957-Z-52.1(3)	Five Islands, Col.Co.NS	24 Sep 1957	RL, JM	MP
1973-Z-357.5(1)	St. Mary's River, Guys. Co.NS	14 Aug 1973	DD,PD	DD,PI
1976-Z-106.37(3)	Wallace Lake, Sable Island,NS	22 Jul 1976	DA	DA,PP

Reference: Pettibone, 1963

Nereis (Nereis) pelagica Linné 1758

DISTRIBUTION: Widely distributed in the Arctic, Iceland to Mediterranean Sea, Hudson Bay to Long Island Sound. Records in the Pacific Ocean.

HABITAT: Rocky shores, among mussels, sponges in lower half of intertidal zone to 458 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1952-Z-4.1(1)	Dingle, Halifax,NS	13 Nov 1952	JLM	JLM
1957-Z-15.1(2)	Cape Sharp, Cumb. Co.NS	24 Sep 1957	JM,RL	JM,RL
1957-Z-49.1(1)	NW Arm, Halifax,NS	Oct 1957	JM, MJ, RL	MP
1971-Z-108.41(1)	Petpeswick Inlet,NS	21 Mar 1971	BM,BB	PP
1971-Z-167.5(1)	Petpeswick Inlet,NS	3 Jun 1971	DD,LC	PP
1971-Z-195.7(6)	Petpeswick Inlet,NS	22 Jul 1971	DD,LC	PP
1972-Z-785.8(2)	LeHave Bank, off NS	Aug 1972	PO	DD,PP
1973-Z-514.34(1)	North of Sable I, NS	17 Apr 1973	DD	DA
1973-Z-514.45(1)	North of Sable I.,NS	17 Apr 1973	DD	DA
1973-Z-515.31(1)	North of Sable I.,NS	17 Apr 1973	DD	DA
1979-202.1(2)	Parrsboro, NS	18 Aug 1958	JM	PP
1979-208.1(1)	Bay of Fundy, NS	6 Aug 1958	LD,BR	PP

Reference: Pettibone, 1963

Nereis (Neanthes) succinea (Frey and Leuckart) 1847

DISTRIBUTION: Gulf of St. Lawrence, Nfld., NS, Maine, NH to Louisiana.

HABITAT: Great variety of habitats rocky, sandy and muddy shores, wharves, high intertidal to 46 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1979.200.1(1)	Peggy's Cove, NS	31 Jul 1958	JM	PP

Reference: Pettibone, 1963

Nereis (Neanthes) virens Sars 1935

DISTRIBUTION: Gulf of St. Lawrence to Virginia, Iceland to Norway, Ireland, North Sea

HABITAT: In all kinds of sediment and under rocks (not included among fouling organisms) from intertidal to 154 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1877-Z-13.1(1)	Halifax, N. S.	1877	USFC	PP
1909-Z-8.1(1)	Sydney Mines, NS	24 May 1909	JB	PP
1922-Z-3.1(1)	Richmond, Hfx. Hbr. NS	31 Jul 1922	WTM	PP
1927-Z-10.1(1)	Dartmouth, Hfx. Hbr. NS	18 May 1927	Allen	PP
1947-Z-10.1(1)	Cherry Hill, Lun. Co. NS	15 May 1947	JLM	JLM, PP
1957-Z-50.1(2)	Two Islands, Cumb. Co. NS	24 Sep 1957	JM, RL	MP
1957-Z-50.1(1)	Partridge I. Cumb. Co. NS	24 Sep 1957	JM, RL	MP
1957-Z-51.1(3)	Lawrencetown, Hfx. Co. NS	20 Sep 1957	JM, RL	MP
1957-Z-52.1(2)	Partridge I. Cumb. Co. NS	24 Sep 1957	JM, RL	MP
1957-Z-52.1(2)	Five I. Col. Co. NS	24 Sep 1957	JM, RL	PP
1957-Z-53.1(1)	Mouth of Shubenacadie R. Hants Co. NS	28 Nov 1957	JM, RL	MP
1957-Z-54.1(1)	Caribou I. Pict. Co. NS	27 Sep 1957	JM, RL	MP
1957-Z-55.1(1)	Pugwash, Cumb. Co. NS	25 Sep 1957	JM, RL	MP
1960-Z-4.11(1)	Kingsport, Kings Co. NS	27 Jul 1959	SB, AE	PP
1960Z-4.13(5)	Avonport Beach, Kings Co. NS	3 Jun 1959	SB, AE	PP
1971-Z-109.8(5)	Petite Riviere, Lun. Co. NS	28-30 Jun 1967	JG	DD



Nereis (Neanthes) virens (continued)

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1971-Z-127.3(2)	Petpeswick Inlet,NS	6 May 1971	DD,LC	LC
1971-Z-128.3(3)	Petpeswick Inlet,NS	6 May 1971	LC	LC
1971-Z-133.1(2)	Black Rock Beach, Halifax Co.,NS	25 May 1971	RB	DD
1971-Z-151.4(1)	Petpeswick Inlet,NS	25 May 1971	MB	--
1971-Z-165.3(3)	Petpeswick Inlet,NS	2 Jun 1971	DD,LC	LC
1971-Z-184.1(1)	Petpeswick Inlet,NS	22 Jun 1971	JG	--
1971-Z-403.4(2)	Petpeswick Inlet, NS	15 Jun 1971	DD,LC	LC
1971-Z-408.1(1)	Petpeswick Inlet, NS	16 Jun 1971	DD,LC	LC
1971-Z-410.5(1)	Petpeswick Inlet, NS	16 Jun 1971	DD,LC	LC
1971-Z-411.3(1)	Petpeswick Inlet,NS	16 Jun 1971	DD,LC	LC
1971-Z-421.3(1)	Petpeswick Inlet,NS	15 Jun 1971	DD,LC	LC
1971-Z-423.4(2)	Petpeswick Inlet, NS	18 Jun 1971	DD,LC	LC
1971-Z-433.6(176)	Petpeswick Inlet, NS	21 Jun 1971	DD,LC,JG	LC
1971-Z-434.6(31)	Petpeswick Inlet, NS	21 Jun 1971	DD,LC,JG	LC
1971-Z-436.1(2)	Petpeswick Inlet, NS	21 Jun 1971	DD,LC,JG	LC
1971-Z-439.5(89)	Petpeswick Inlet, NS	21 Jun 1971	DD,LC,JG	LC
1971-Z-440.7(77)	Petpeswick Inlet, NS	21 Jun 1971	DD,LC,JG	LC
1971-Z-441.5(16)	Petpeswick Inlet, NS	21 Jun 1971	DD,LC,JG	LC
1971-Z-451.3(35)	Petpeswick Inlet, NS	21 Jun 1971	DD,LC,JG	LC
1971-Z-452.3(16)	Petpeswick Inlet, NS	21 Jun 1971	DD,LC,JG	LC
1971-Z-453.4(13)	Petpeswick Inlet,NS	21 Jun 1971	DD,LC,JG	LC
1971-Z-455.5(7)	Petpeswick Inlet, NS	21 Jun 1971	DD,LC,JG	LC
1971-Z-457.5(5)	Petpeswick Inlet, NS	21 Jun 1971	DD,LC,JG	LC
1971-Z-462.2(4)	Petpeswick Inlet, NS	21 Jun 1971	DD,LC,JG	LC
1971-Z-447.2(1)	Petpeswick Inlet, NS	21 Jun 1971	DD,LC,JG	LC
1972-Z-506.3(1)	Evangeline Beach, NS	1 Jun 1972	DD	DD,PP
1973-Z-354.3(4)	St.Mary's R.,Guys.Co.NS	14 Aug 1973	DD,PD	DD
1975-Z-266.(2)	Hubbards,Hfx.Co.N.S.	28 Jul 1918	HP	MP
1979-203.1(1)	Two Islands, Cumb.Co.,NS	18 Aug 1958	JM	PP
1979.204.1( )	NS	14 Jun ---	HP	MP,HP
1979-205.1	Cherry Hill, Lun.Co.NS	---	--	PP
1968-Z-48.13(1)	Scots Bay,NS	30 Oct 1968	DD	PP
1968-Z-48.14(1)	Scots Bay,NS	30 Oct 1968	DD	PP
1968-Z-48.15(1)	Scots Bay, NS	30 Oct 1968	DD	PP
1968-Z-48.17(1)	Scots Bay, NS	30 Oct 1968	DD	PP
1971-Z-487.5(2)	Dominion Beach,NS	19 Aug 1971	DD	PP
1971-Z-488.14(3)	Dominion Beach, NS	19 Aug 1971	DD	PP
1972-Z-572.2(1)	Petpeswick Inlet,NS	6 May 1971	DD,LC	PP
1975-Z-268.1(1)	NS	---	HP	JLM

Reference: Pettibone, 1963

## ORDER CAPITELLIDA

## Family Capitellidae

Capitella capitata (Fabricius) 1780

DISTRIBUTION: Circumpolar, in Arctic, subarctic and more southern waters.  
Pacific and Atlantic Oceans.

HABITAT: In sand and mud, including black anaerobic mud.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1971-Z-403.12 (3)	Petpeswick Inlet, NS	15 Jun 1971	DD,LC	FR
1971-Z-452.10 (1)	Petpeswick Inlet, NS	23 Jun 1971	DD,LC	LC
1971-Z-433.11 (1)	Petpeswick Inlet, NS	21 Jun 1971	DD,LC,JG	LC

Reference: Uschakov, 1955

Notomastus latericeus Sars 1851

DISTRIBUTION: A widespread, possibly cosmopolitan species.

HABITAT: Silty mud and sand.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1971-Z-433.10 (4)	Petpeswick Inlet, NS	21 Jun 1971	DD,LC,JG	LC
1971-Z-434.8 (1)	Petpeswick Inlet, NS	21 Jun 1971	DD,LC	FR
1971-Z-452.9 (1)	Petpeswick Inlet, NS	23 Jun 1971	DD,LC,JG	FR
1971-Z-455.7 (2)	Petpeswick Inlet, NS	23 Jun 1971	DD,LC,JG	LC

Reference: Uschakov, 1955

## Family Arenicolidae

Arenicola marina (Linné) 1758

DISTRIBUTION: Canadian Arctic, but mainly boreal and more southern waters.

HABITAT: Chiefly littoral and sometimes sublittoral.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1971-Z-109.1	Petite R., Lun. Co., NS	30 Jun 1967	JG	DD
1971-Z-169.1	Petpeswick Inlet, NS	3 Jun 1971	DD, LC	LC
1971-Z170.1	Petpeswick Inlet, NS	3 Jun 1971	DD, LC	LC
1971-Z-171.3	Petpeswick Inlet, NS	1971	--	PP
1979.211.1(1)	Cherry Hill, Lun. Co. NS	Jul 1949	JLM	PP
1979.211.4(1)	St. Andrews, NB	----	--	--
1979-211.10(5)	Lawrencetown, Hfx. Co. NS	20 Sep 1957	JM, RL	JM, RL
1979.211.12(1)	Pugwash, NS	13 Sep 1957	JM, RL	JM, RL
1979.211.17(2)	Economy, Col. Co., NS	23 Sep 1957	JM, RL	JM, RL

Reference: Uschakov, 1955

## Family Scalibregmidae

Polyphysia crassa (Oersted) 1843

DISTRIBUTION: North Atlantic.

HABITAT: Soft bottom.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-Z-351.16(1)	St. Margaret's Bay, NS	Aug 1976	TH	PP

Reference: Gosner, 1971; Pettibone, Preliminary Key MS

## Family Maldanidae

Axiothella catenata (Malmgren) 1865

DISTRIBUTION: Canadian Arctic, and subarctic, possibly circumpolar.

HABITAT: Mainly coastal, silty and muddy sand, 16 to 900 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1973-Z-364.59 (2)	Halifax Hbr, NS	3 Oct 1973	BM	DA
1976-Z-351.9 (22)	St. Margaret's Bay, NS	Aug 1976	TH	TH
1976-Z-351.32 (23)	St. Margaret's Bay, NS	Aug 1976	TH	PP
1976-Z-351.37 (4)	St. Margaret's Bay, NS	Aug 1976	TH	PP
1976-Z-359.12 (1)	Davis Strait	26 Jul 1976	MA	DA

Reference: Uschakov, 1955

Clymenella torquata (Leidy) 1855

DISTRIBUTION: Canadian Arctic, N.S. and New Jersey.

HABITAT: Sheltered coves with sand, from low water to 120 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1969-Z-93.19 (1)	Crescent Beach, NS	30 Jun 1969	DD	PD
1971-Z-141.12 (3)	Petpeswick Inlet, NS	19 May 1971	DD, LC	LC
1971-Z-165.2 (6)	Petpeswick Inlet, NS	2 Jun 1971	DD, LC	LC
1971-Z-119.1 (16)	Petpeswick Inlet, NS	5 May 1971	DD, LC	LC
1972-Z-567.3 (8)	Petpeswick Inlet, NS	1971	DD	PD
1976-Z-351.40 (10)	St. Margaret's Bay, NS	Aug 1976	TH	TH, EGM
1976-Z-358.28 (1)	Davis Strait	25 Jul 1976	MA	DA
1979.211.2	Partridge Is. NS	Sep 1957	JM	JM, RL
1979-211.5	Pugwash, Cumb. Co. NS	25 Sep 1957	JM, RL	JM, RL
1979-211.14	Prospect, Hfx Co. NS	13 Sep 1957	JM, RL	JM, RL
1979.211.15	Antigonish, NS	20 Sep 1957	JM, RL	JM, RL
1979.211.18	Lawrencetown, Hfx. Co. NS	20 Sep 1957	JM, RL	JM, RL

Reference: Pettibone, Preliminary Key MS

Leiochone borealis Arwidsson 1906 (questionable identification)

DISTRIBUTION: Widley distributed in North Atlantic.

HABITAT: Deep-sea.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-Z-353.8(20)	Emerald Bank, NS	1976	TH	TH

Reference: Wesenberg-Lund ,1948

Maldane sarsi Malmgren 1865

DISTRIBUTION: Canadian Arctic, widely distributed, possibly cosmopolitan.

HABITAT: In mud from shallow to great depths; often forming mass colonies.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-351.20(60)	St. Margaret's Bay, NS	Aug 1976	TH	TH
1977-356.1(1)	NE Newfoundland slope	Nov 1977	EMG	PP

Reference: Uschakov, 1955

Nichomache lumbricalis (Fabricius) 1780

DISTRIBUTION: Canadian Arctic and subarctic, possibly circumpolar, Pacific coast, from Alaska to Vancouver.

HABITAT: Makes very firm tube of fine grain sand and attaches it to shingle or other firm substrate, 22 to 366 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1973-Z-364.64(1)	Halifax Hbr., NS	3 Oct 1973	BM, PD	DA
1973-Z-364.66(1)	Halifax Hbr., NS	3 Jan 1973	BM, PD	PP
1973-Z-518.16(1)	NW of Sable Island, NS	17 Apr 1973	DD	DA
1976-Z-351.7(8)	St. Margaret's Bay, NS	Aug 1976	TH	TH

Nichomache lumbricalis (continued)

1976-Z-351.27(1)	St. Margaret's Bay, NS	Aug 1976	TH	TH
1976-Z-351.52(Part)(1)	St. Margaret's Bay, NS	Aug 1976	TH	TH, PP
1976-Z-359.3(1)	Davis Strait,	26 Jul 1976	MA	PP

Reference: Uschakov, 1955

Praxillella gracilis (Sars) 1861

DISTRIBUTION: Widespread predominantly boreal species with records from Arctic and Pacific.

HABITAT: Silty, muddy sand.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-Z-351.13(17)	St. Margaret's Bay, NS	Aug 1976	TH	TH
1976-Z-351.20(Part)(4)	St. Margaret's Bay, NS	Aug 1976	TH	PP
1976-Z-351.37(Part)(11)	St. Margaret's Bay, NS	Aug 1976	TH	PP
1976-Z-351.50(Part)(6)	St. Margaret's Bay, NS	Aug 1976	TH	PP

Reference: Uschakov, 1955

Praxillella praetermissa Malmgren 1867

DISTRIBUTION: Widespread Arctic-boreal species.

HABITAT: Often in large colonies, mainly on Continental shelf; soft bottom.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1971-Z-170.2(1)	Petpeswick Inlet, NS	3 Jun 1971	DD, LC	PP
1976-Z-351.14(1)	St. Margaret's Bay, NS	Aug 1976	TH	TH
1976-Z-351.50(Part)(1)	St. Margaret's Bay, NS	Aug 1976	TH	PP

Reference: Uschakov, 1955

Praxillura ornata (Verrill) 1880

DISTRIBUTION: NS, Massachussetts.

HABITAT: Soft bottom.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-Z-351.12(2)	St. Margaret's Bay, NS	Aug 1976	TH	TH

Reference: Pettibone, Preliminary Key (MS)

## ORDER STERNASPIDA

## Family Sternaspidae

Sternaspis scutata (Renier) 1807 (includes S. fossor Stimpson)

DISTRIBUTION: Eastern Canada.

HABITAT: Sandy, muddy and other bottoms.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1973-Z-364.53(1)	Halifax Hbr, NS	3 Oct 1973	BM, PD	DA
1973-Z-515.33(1)	North of Sable Island, NS	17 Apr 1973	DD	DA
1976-Z-351.15(80)	St. Margaret's Bay, NS	Aug 1976	TH	PP

Reference: Pettibone, Preliminary key (MS)

ORDER SPIONIDA  
Family Spionidae

Dispio uncinata (?) Hartman 1951

DISTRIBUTION: Gulf of Mexico, St. Margaret's Bay (?)

HABITAT: Sand.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
976-Z-105.10(4)	N. Beach Sable I., NS	26 Apr 1976	BW	DD

Reference: Gosner, 1971

Polydora sp.  
(some identified as P. ligni (Webster) 1879)

DISTRIBUTION: New Jersey.

HABITAT: Muddy, silty sand, sand, littoral.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1971-Z-165.5(2)	Petpeswick Inlet, NS	2 Jun 1971	DD, LC	LC
1971-Z-433.7(2)	Petpeswick Inlet, NS	21 Jun 1971	DD, LC	LC
1971-Z-451.7(6)	Petpeswick Inlet, NS	23 Jun 1971	DD, LC, JG	LC
1971-Z-452.7(7)	Petpeswick Inlet, NS	23 Jun 1971	DD, LC, JG	LC
1972-Z-565.4(1)	Petpeswick Inlet, NS	1971	--	PP

Reference: Gosner, 1971

Polydorella sp.

DISTRIBUTION: Nova Scotia.

HABITAT: Soft bottom.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-Z-351.51(Part)(2)	St. Margaret's Bay, NS	Aug 1976	TH	PP

Reference Fauchald, 1977



Prionospio malmgreni Claparède 1868 (questionable identification)

DISTRIBUTION: an amphiboreal species.

HABITAT: Silty mud and sand.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-Z-351.46 (Part) (7)	St. Margaret's Bay, NS	Aug 1976	TH	PP

Reference: Uschakov, 1955

Pygospio elegans Claparède 1863

DISTRIBUTION: An amphiboreal species.

HABITAT: Littoral, sandy, muddy bottom.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1971-Z-402.5 (100)	Petpeswick Inlet, NS	15 Jun 1971	DD, LC	FR
1971-Z-403.6 (1)	Petpeswick Inlet, NS	15 Jul 1971	DD, LC	LC
1971-Z-405.8 (7)	Petpeswick Inlet, NS	15 Jul 1971	DD, LC	LC
1971-Z-406.10 (3)	Petpeswick Inlet, NS	17 Jul 1971	DD, LC	LC
1971-Z-410.9 (42)	Petpeswick Inlet, NS	16 Jul 1971	DD, LC	LC
1971-Z-413.10 (55)	Petpeswick Inlet, NS	15 Jul 1971	DD, LC	LC
1971-Z-412.7 (1)	Petpeswick Inlet, NS	16 Jul 1971	DD, LC	LC
1971-Z-416.7 (13)	Petpeswick Inlet, NS	16 Jul 1971	DD, LC	LC
1971-Z-433.13 (3)	Petpeswick Inlet, NS	21 Jul 1971	DD, LC	LC
1971-Z-440.6 (1)	Petpeswick Inlet, NS	21 Jul 1971	DD, LC	LC
1971-Z-441.7 (5)	Petpeswick Inlet, NS	12 Jul 1971	DD, LC, JG	LC

Reference: Uschakov, 1955

Pseudomalacoceros sp.

DISTRIBUTION: Nova Scotia, New Jersey, Continental Shelf.

HABITAT: Sand, soft bottom.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-Z-106.38 (9)	North Beach, Sable I, NS	20 Jul 1976	DA	PP

Reference: Fauchald, 1977

Scolecopides viridis (Verrill) 1873

DISTRIBUTION: New Jersey and Nova Scotia.

HABITAT: Mud and Silty sand.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1971-Z452.8(8)	Petpeswick Inlet, NS	23 Jul 1971	DD,LC,JG	LC

Reference: Gosner, 1971

Spiophanes bombyx (Claparède) 1870

DISTRIBUTION: Amphiboreal species, bipolar.

HABITAT: Sand, littoral.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1971-Z-403.7 (Part) (2)	Petpeswick Inlet, NS	15 Jun 1971	DD,LC	LC
1971-Z-413.11 (3)	Petpeswick Inlet, NS	15 Jun 1971	DD,LC	LC
1971-Z-416.7 (14)	Petpeswick Inlet, NS	16 Jun 1971	DD,LC	FR
1971-Z-420.6 (1)	Petpeswick Inlet, NS	17 Jul 1971	DD,LC	LC

Reference: Uschakov, 1955; Gosner, 1971

Spio filicornis (O.F. Müller) 1766

DISTRIBUTION: Circumpolar, Arctic, Subarctic, Arctic boreal and Southern waters.

HABITAT: Muddy sand.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1971-Z-403.7 (Part) (1)	Petpeswick Inlet, NS	15 Jul 1971	DD,LC	PP
1971-Z-438.8 (4)	Petpeswick Inlet, NS	21 Jul 1971	DD,LC,JG	PP
1971-Z-434.7 (4)	Petpeswick Inlet, NS	21 Jul 1971	DD,LC,JG	PP
1971-Z-451.8 (4)	Petpeswick Inlet, NS	23 Jul 1971	DD,LC,JG	PP

Reference: Gosner, 1971; Uschakov, 1955

Spio setosa (Verrill) 1873

DISTRIBUTION: New England, Nova Scotia.

HABITAT: Soft sandy bottoms.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1971-Z-104.6(1)	Petpeswick Inlet,NS	13 Mar 1971	DD,LC	PP
1971-Z-526.1(20)	Petpeswick Inlet,NS	1971	DD,LC	PP
1971-Z-572.1(1)	Petpeswick Inlet,NS	6 May 1971	DD,LC	PP
1972-Z-572.5(2)	Petpeswick Inlet,NS	6 Jun 1971	DD,LC	PP

Reference: Gosner, 1971

Streblospio sp.(probably S. benedicti, only species known from eastern United States)

DISTRIBUTION: Eastern United States and eastern Canada

HABITAT: Sand.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1972-Z-506.5(1)	Evangeline Beach,NS	1 Jun 1972	DD	PP

References: Fauchald, 1977; Hartman, 1959

## Family Paraonidae

Paraonis (Paraonis) fulgens (Levinson) 1883

DISTRIBUTION: Maine, Massachusetts, Davis Strait, Nova Scotia and Continental Shelf.

HABITAT: Muddy or sandy substrate, low water to a few metres.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1971-Z-425.3(1)	Petpeswick Inlet,NS	18-21 Jun 1961	DD,LC	PP
1976-Z-106.17(1)	Wallace Lake, Sable Is.,NS	25 Jul 1976	DA	PP

Reference: Pettibone, 1963

ORDER EUNICIDA  
Family Onuphidae

Onuphis (Northria) conchylega Sars 1835

DISTRIBUTION: Canadian Arctic to Florida. Probably circumpolar.

HABITAT: Broken shells, rocky, combination of mud, sand and gravel;  
low-water to 1964 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1973-Z-364.60 (1)	Halifax Hbr.,NS	3 Oct 1973	BM,PD	
1973-Z-364.56 (2)	Halifax Hbr.,NS	3 Oct 1973	BM,PD	DA
1973-Z-504.9 (1)	Emerald Bank,NS	15 Apr 1973	DD	PP
1973-Z-522.11 (4)	Emerald Bank, NS	18 Apr 1973	DD	DA
1973-Z-523.11 (1)	Emerald Bank, NS	18 Apr 1973	DD	DA
1973-Z-528.26. (1)	Halifax Hbr.,NS	19 Apr 1973	DD	PP
1974-Z-362.7 (1)	Davis Strait	7 Oct 1974	PD	EM
1975-Z-273.2	Off Chebucto,NS	1877	USFC	MT,MP
1975-Z-279.19 (1)	St. Margaret's Bay,NS	16 Oct 1973	PD	DA
1976-Z-353.1 (4)	St. Margaret's Bay,NS	1976	TH	TH
1976-Z-356.2 (107)	Flemish Pass	12 Jul 1976	MA	DA
1976-Z-356.3 (15)	Flemish Pass	17 Jul 1976	MA	DA
1976-Z-357.16 (1)	Davis Strait	25 Jul 1976	MA	DA
1976-Z-358.12 (2)	Davis Strait	25 Jul 1976	MA	DA
1976-Z-358.26 (1)	Davis Strait	25 Jul 1976	MA	DA
1976-Z-358.12 (1)	Davis Strait	25 Jul 1976	MA	DA

Reference: Pettibone, 1963

Onuphis (Northria) opalina (Verrill) 1873

DISTRIBUTION: Gulf of St. Lawrence to Chesapeake Bay; Scotian Shelf.

HABITAT: Sandy-mud with gravel, 26 to 2297 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1973-Z-500.9 (3)	Emerald Basin, NS	15 Apr 1973	DD	PP
1976-Z-371.11 (11)	Emerald Basin, NS	9 Mar 1977	DD	PP
1976-Z-371.15 (2)	Emerald Basin, NS	9 Mar 1977	DD	PP

Reference: Pettibone, 1963

Onuphis (Onuphis) quadricuspis Sars 1872

DISTRIBUTION: Gulf of St. Lawrence to Massachusetts, Norway to West Africa.

HABITAT: Mud, sandy mud, mud with gravel and pebbles, 40 to 1479 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-Z-351.30 (8)	St. Margaret's, Bay, NS	Aug 1976	TH	TH

Reference: Pettibone, 1963

## Family Eunicidae

Eunice pennata (Müller) 1776

DISTRIBUTION: Newfoundland to Florida, Greenland and Iceland, Norway.

HABITAT: Sand and gravelly bottoms, littoral to 5298 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-Z-357.19 (1)	Davis Strait	26 Jul 1976	MA	DA
1976-Z-358.29 (1)	Davis Strait	27 Jul 1976	MA	DA
1972-Z-785.9 (3)	Southeast of LaHave Bank, NS	1 Aug 1972	PO	PP
1979-207.1 (2)	Bay of Fundy, NS	6 Aug 1958	LD, BR	PP

Reference: Pettibone, 1963

## Family Lumbrineridae

Lumbrineris fragilis (O. F. Müller) 1776

DISTRIBUTION: Canadian Arctic, probably circumpolar, Hudson Bay to Virginia.

HABITAT: Muddy sand, gravelly mud and sand and combinations of mud sand gravel, stones pebbles rock and shell fragments, low water to 770m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
957-Z-62.1(1)	Two Islands, Parrsboro, NS	24 Sep 1957	JM, RL	MP
1971-Z-421.5(1)	Petpeswick Inlet, NS	15 Jun 1971	DD, LC	DD
1976-Z-351.24(5)	St. Margarets Bay, NS	Aug 1976	TH	TH
1976-Z-358.13(1)	Davis Strait,	25 Jul 1976	MA	DA, PP
1976-Z-371.12(4)	Emerald Basin, NS	9 Mar 1977	DD	PP

Reference: Pettibone, 1963

Lumbrineris impatiens (Claparède) 1868

DISTRIBUTION: Cosmopolitan species, Greenland to Florida.

HABITAT: Soft bottom, down to 2301 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1974-Z-362.14(1)	Davis Strait	7 Oct 1974	PD	PP

Reference: Pettibone, 1963

Lumbrineris latreilli (Audoin and Milne-Edwards) 1833

DISTRIBUTION: Cosmopolitan species, Atlantic, Greenland, New Brunswick to North Carolina; Pacific and Indian Oceans.

HABITAT: Muddy sand, low water to 2361 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1969-Z-13.18(1)	Passamaquoddy Bay, NB	27 Sep 1969	DD, FS	PP

Reference: Pettibone, 1963

Ninoe nigripes Verrill 1873

DISTRIBUTION: Gulf of St. Lawrence, New Brunswick, Nova Scotia, Maine, Massachusetts to Gulf of Mexico. Chile and Antarctica.

HABITAT: Mud, sandy mud, silty clay, low water to 1171 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-Z-351.43(5)	St. Margaret's Bay, NS	Aug 1976	TH	PP

Reference: Pettibone, 1963

## ORDER AMPHINOMIDA

## Family Euphrosinidae

Euphrosine borealis Oersted 1843

DISTRIBUTION: Widely distributed in Arctic, North Atlantic, Gulf of St. Lawrence to Massachusetts

HABITAT: Mud, rocks, gravel and sand, 9 to 1378 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1975-Z-364.54(1)	Halifax Hbr., NS	3 Oct 1973	BM, PD	PP

Reference: Pettibone, 1963

## ORDER ARICIIDA

## Family Orbiniidae

Orbinia norvegica (Sars) 1872

DISTRIBUTION: Greenland, Norway, North Sea, Mediterranean to Africa, Newfoundland to Long Island Sound; California, Brazil, Indian Ocean.

HABITAT: Soft bottoms of sand and mud.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-Z-356.5(1)	Davis Strait	17 Jul 1976	MA	PP

Reference: Pettibone, 1963

Orbinia ornata (Verrill) 1873

DISTRIBUTION: Nova Scotia, Massachusetts, Rhode I. to Florida, Gulf of Mexico, California.

HABITAT: Sand, muddy shoal, gravelly sand, intertidal to 33m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1971-Z-146.4(1)	Petpeswick Inlet, NS	20 May 1971	DD,LC	LC
1971-Z-424.4(1)	Petpeswick Inlet, NS	18 Jun 1971	DD,LC	LC

Reference: Pettibone, 1963

Orbinia swani Pettibone 1957

DISTRIBUTION: Gulf of St. Lawrence, Nova Scotia, Maine, Massachusetts.

HABITAT: In sand, low water to 46 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
957-Z-35.1(1)	Cape George, Ant. Co., NS	27 Sep 1957	RL, JM	MP

Reference: Pettibone, 1963

Scoloplos acutus (Verrill) 1873

DISTRIBUTION: Canadian Arctic, Gulf of St. Lawrence, Maine, New Hampshire, Massachusetts, Long Island and Chesapeake Bay.

HABITAT: Sand, 5 to 179 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1971-Z-403.11(1)	Petpeswick Inlet, NS	15 Jun 1971	DD, LC	LC

Reference: Pettibone, 1963



Scoloplos (Scoloplos) armiger (O.F. Müller) 1776

DISTRIBUTION: Newfoundland, Nova Scotia, New Brunswick, Maine, Massachusetts.  
Circumpolar in Arctic.

HABITAT: Silty mud and sand, low water to 2013 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-Z-351.29(11)	St. Margaret's Bay, NS	Aug 1976	TH	TH

Reference: Pettibone, 1963

Scoloplos robustus (Verrill) 1873

DISTRIBUTION: Prince Edward Island, Nova Scotia, New Hampshire, Rhode Island, North Carolina, Gulf of Mexico.

HABITAT: Mud, sand and small gravel, low water to 57 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1957-Z-47.1(1)	Lawrencetown, Hfx. Co. NS	20 Sep 1957	RL, JM	MP
1971-Z-126.10(14)	Petpeswick Inlet, NS	6 May 1971	DD, LC	LC
1971-Z-170.3(4)	Petpeswick Inlet, NS	3 Jun 1971	DD, LC	PP
1971-Z-174.1(13)	Petpeswick Inlet, NS	3 Jun 1971	DD, LC	LC
1971-Z-177.1(10)	Petpeswick Inlet, NS	1971	DD	PP
1971-Z-455.6(14)	Petpeswick Inlet, NS	23 Jun 1971	DD, LC	LC
1971-Z-457.8(2)	Petpeswick Inlet, NS	24 Jun 1971	DD, LC	LC
1971-Z-466.9(11)	Petpeswick Inlet, NS	28 Jun 1971	DD, LC	LC
1975-Z-474.7(2)	Caribou Island, NS	26 Sep 1957	RL, JM	MP
1976-Z-351.47(1)	St. Margaret's Bay, NS	Aug 1976	TH	PP

Reference: Pettibone, 1963

## ORDER CIRRATULIDA

## Family Cirratulidae

Dodecaceria concharum (Oersted) 1843

DISTRIBUTION: Denmark, North Atlantic.

HABITAT: Bores into bivalve shells, 37 to 55 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1973-Z-519.9(4)	Emerald Bank, NS	18 Apr 1973	DD	DA

Reference: Gosner, 1971

Cirratulus cirratus (Müller) 1776

DISTRIBUTION: Western Europe, Eastern North America, cosmopolitan.

HABITAT: In sand and mud between rocks, intertidal.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1972-Z-503.1(2)	Gulliver Cove, Digby Co., NS	2 May 1972	DD	DD

Reference: Uschakov, 1955

Tharyx acutus Webster and Benedict 1887

DISTRIBUTION: Maine, Nova Scotia, New Brunswick

HABITAT: Soft bottom.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-Z-351.25(8)	St. Margaret's Bay, NS	Aug 1976	TH	TH

## ORDER OWENIIDA

## Family Oweniidae

Owenia fusiformis delle Chiaje 1844

DISTRIBUTION: Found in Canadian Arctic and Nova Scotia, possibly cosmopolitan.

HABITAT: Sand tube is made of sand grains and shell fragments; 8 to 500 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-Z-351.7(1)	Emerald Bank, NS	1976	TH	TH, PP

Reference: Uschakov, 1955

ORDER TERESELLIDA  
Family Pectinariidae

Pectinaria (Cistenides) gouldii (Verrill) 1873

DISTRIBUTION: Gulf of St. Lawrence, Nova Scotia, New England.

HABITAT: Mixed grain size sandy bottoms.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1971-Z-108.19(13)	Petpeswick Inlet, NS	21 May 1971	BH, BB	PD
1971-Z-141.8(2)	Petpeswick Inlet, NS	14 May 1971	DD, LC	--
1972-Z-565.5(4)	Petpeswick Inlet, NS	1971	DD	PD
1973-Z-514.47(1)	North of Sable Island, NS	17 Apr 1973	DD	DA
1974-Z-209.1(7)	Shediac, NB	Jun 1974	JC	DD
1974-Z-226.1(4)	Tidnish, Cumb. Co. NS	1974	SS	DD

Reference: Pettibone, MS

Pectinaria (Cistenides) granulata (Linné) 1767

DISTRIBUTION: Arctic, circumpolar and boreal; North America and Europe.

HABITAT: Soft bottoms.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1969-Z-14.12(7)	St. Andrew's, NB	23 Sep 1969	DD, FS	DD, PP
1971-Z-118.2(10)	Petpeswick Inlet, NS	5 Apr 1971	DD, LC	PD, PP

Reference: Pettibone, MS

Pectinaria (Cistenides) hyperborea (Malmgren) 1866

DISTRIBUTION: Canadian Arctic and Boreal waters; Greenland and Spitzbergen.

HABITAT: Soft bottom, 106 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-Z-351.26(16)	St. Margaret's Bay, NS	Aug 1976	TH	TH, PP
1973-Z-364.62(2)	Halifax Hbr., NS	3 Oct 1973	BM, PD	DA, PP

Reference: Pettibone, MS

## Family Ampharetidae

There are no representatives of the family Ampharetidae in the Nova Scotia Museum collection at present.

## Family Terebellidae

Definite identification has not been possible at the present time due to lack of good keys. The following lots are in the Nova Scotia Museum collection.

<u>Species and Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
<u>Amphitrite cirrata</u> 1975-Z-277.22(10)	St.Margaret's Bay,NS	16 Oct 1973	PD	PP
<u>Amphitrite johnstoni</u> 1979-211.8(1)	Wasson's Bluff,Cumb. Co.,NS		JM,RL	PP
<u>Amphitrite</u> sp.'A' 1972-Z-785.10(5)	SE of LaHave Bank, NS	1 Aug 1972	PO	PP
<u>Amphitrite</u> sp. 'B' 1975-Z-277.8(1)	St. Margaret's Bay,NS	16 Oct 1973	PD	PP
<u>Amphitrite</u> sp. 'C' 1975-Z-277.21(2)	St. Margaret's Bay,NS	16 Oct 1973	PD	DA,PP
<u>Amphitrite</u> sp. 'D' 1976-Z-351.42(1)	St. Margaret's Bay,NS	1 Aug 1976	TH	TH
<u>Nicolea venustula</u> 1979-211.16(1)	Nr. Parrsboro,NS	24 Sep 1957	JM,RL	JM,RL
<u>Pista cristata</u> 1976-Z-351.44(2)	Davis Strait	25 Jul 1976	MA	DA
<u>Polycirrus phosphoreus</u> 1979-211.9(1)	Partridge I. NS	24 Sep 1957	JM,RL	PP
<u>Polycirrus eximius</u> 1979-211.11(1)	Partridge I.,NS	24 Sep 1957	JM,RL	PP
* <u>Terebella</u> sp. 'A' 1971-Z-195.10(3)	Petpeswick Inlet,NS	22 Jul 1971	DD	PP

## Family Terebellidae (continued)

<u>Species and Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
<u>Terebella</u> sp. 'B' 1971-Z-196.27(8)	Petpeswick Inlet, NS	22 Jul 1971	DD	PP
* <u>Terebella</u> sp. 'C' 1972-Z-558.2(1)	Petpeswick Inlet, NS	22 Jul 1971	DD	PP

\* Both Amphitrite figulus (Dalyell) 1853

ORDER FLABELLIGERIDA  
Family Flabelligeridae

Brada granosa Stimpson 1854

DISTRIBUTION: Eastern Canada.

HABITAT: Soft bottom, 70 to 75 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1973-Z-502.20(2)	Emerald Bank, NS	15 Apr 1973	DD	PP
1974-Z-233.7(1)	Emerald Bank, NS	24 Jun 1974	DD	PP
1973-Z-521.22(1)	Emerald Bank, NS	18 Apr 1973	DD	PP

Reference: Pettibone Ms.

Brada villosa (Rathke) 1843

DISTRIBUTION: Eastern Canada, Northern Europe, and Arctic-boreal species.

HABITAT: Silty mud and sand, 55 to 70 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1976-Z-351.28(5)	St. Margaret's Bay, NS	Aug 1976	TH	TH, PP

Reference: Uschakov, 1955

Pherusa (Stylaroides) plumosa (O.F. Müller) 1776

DISTRIBUTION: Arctic boreal species.

HABITAT: Mainly shallow water to 106 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1971-Z-118.5 (1)	Petpeswick Inlet, NS	5 May 1971	DD, LC	PP
1973-Z-364.63 (1)	Halifax Hbr., NS	3 Oct 1973	BM, PD	DA, PP
1976-Z-351.35 (7)	St. Margaret's Bay, NS	Aug 1976	TH	TH

Reference: Uschakov, 1955, Gosner, 1971

## Family Sabellidae

Potamilla neglecta Sars 1851

DISTRIBUTION: Nova Scotia, Northern Europe.

HABITAT: On stones and shells down to 73 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1973-Z-521.15 (8)	Emerald Bank, NS	18 Apr 1973	DD	DA
1973-Z-522.23 (1)	Emerald Bank, NS	18 Apr 1973	DD	DA
1973-Z-523.12 (1)	Emerald Bank, NS	18 Apr 1973	DD	DA
1975-Z-271.4 (3)	St. Margaret's Bay, NS	18 Oct 1975	PS	DA
1975-Z-270.8 (1)	St. Margaret's Bay, NS	16 Oct 1975	BHa	DA

Reference: Gosner, 1971

## Family Serpulidae

Filograna implexa Berkeley 1828

DISTRIBUTION: North Atlantic.

HABITAT: 73 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1973-Z-521.5 (3)	Emerald Bank, NS	18 Apr 1973	DD	DA

Reference: Gosner, 1971

Spirorbis borealis (Daudoin) 1800

DISTRIBUTION: Arctic, boreal, Eastern Canada

HABITAT: Usually attached to algae, etc., in salt marshes on seashores and down to 73 m.

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
1915-Z-7.1(1)	St. Margaret's Bay, NS	29 Aug 1915	HP	--
1969-Z-141.5(130)	Peggy's Cove, NS	23 Jun 1969	BM, PD	PD
1969-Z-141.17(40)	Peggy's Cove, NS	16 Jun 1969	BM, PD	PD
1970-Z-13.8(3)	Crescent Beach, Lun. Co. NS	3 Jan 1970	BW, TR	PD
1971-Z-105.1(50)	Petpeswick Inlet, NS	13 Mar 1971	DD	PD
1971-Z-138.1(50)	Petpeswick Inlet, NS	5 May 1971	DD	DD
1971-Z-160.8(2)	Petpeswick Inlet, NS	1971	DD	PD
1972-Z-558.5(90)	Petpeswick Inlet, NS	1971	?	PD
1972-Z-791.5(1)	Prim Pt., Digby Co., NS	14 Nov 1972	GO	PD
1973-Z-515.20(11)	Off Sable Island, NS	17 Apr 1973	DD	DA
1976-Z-336.2(50)	Lawrencetown, Hfx. Co., NS	15 Sep 1976	DD	DD
1977-Z-202.3(1)	Mavilette Beach, Digby Co., N.S.	5 May 1977	DD	DSD
1977-Z-292.1(100)	Ingonish, NS	28 Nov 1957	DD	DD
1979-Z-211.3(1)	Pt. Pleasant, NS	--	--	--
1979-Z-211.7(1)	Chebucto Head, NS	13 Oct 1957	JM	JM

Reference: Gosner, 1971

Spirorbis spirillum Linné 1758

DISTRIBUTION: Arctic, Boreal, Eastern Canada

HABITAT: Attached to algae, etc. Littoral

<u>Catalog No.</u>	<u>Location</u>	<u>Date</u>	<u>Collector</u>	<u>ID</u>
169-Z-13.23(21)	St. Andrews, NB	22 Sep 1969	DD, FS	PD
1973-Z-508.11(3)	Sable Island, NS	16 Apr 1973	DD	DD
1973-Z-515.20(13)	N. of Sable Island, NS	17 Apr 1973	DD	DA
1979.211.6(1)	Halifax Hbr., NS	5 Oct 1957	JM, RL	JM, RL

Reference: Gosner, 1971