Distribution of Recent Benthic Foraminifera off the North American Pacific Coast from Oregon to Alaska

STEPHEN J. CULVER and MARTIN A. BUZAS

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Stephen J. Culver and Martin A. Buzas

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### ABSTRACT

Culver, Stephen J., and Martin A. Buzas. Distribution of Recent Benthic Foraminifera off the North American Pacific Coast from Oregon to Alaska. *Smithsonian Contributions to the Marine Sciences*, number 26, pages 234, 139 figures, 2 tables, 1985.—A computer file of all published distributional data (presence or absence) on the living and dead recent benthic foraminifera off the North American Pacific Coast (Oregon to Alaska) was constructed from 31 papers published since 1886. Manipulation of this file produced 5 catalogs and 139 maps.

Catalog 1 lists alphabetically species names with publication and locality information as recorded in the literature (i.e., unsynonymized). Catalog 2 lists synonymized species names with publication and locality information. Catalogs 3 and 4 list alphabetically all unsynonymized and synonymized species names, respectively. Catalog 5 lists synonymized names by increasing

latitude and longitude.

During the past 100 years, 523 names have been used to record benthic foraminifera in the study area. Through synonymization, this number was reduced to 404, of which 138 occur at 6 or more of the 157 sample localities. Computer-generated maps were drawn for the 138 most commonly recorded

species.

Species were grouped by depth and geographic (latitudinal) distribution through visual examination of the maps. Eight species are coastal in their distribution, 63 occur mainly at depths of less than 200 m, 27 at depths greater than 200 m, and 40 are ubiquitous with depth. Many species appear to alter their depth distribution with latitude, but this may be due to a poor sampling framework.

Latitudinally, the species are grouped into three categories. Forty-two species occur mainly to the north of 52°-55°N, 22 species occur mainly to the south of 52°-55°N, and 74 species are latitudinally ubiquitous within the area of study. This preliminary analysis indicates a possible faunal break

in the region of Queen Charlotte Island.

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# Distribution of Recent Benthic Foraminifera off the North American Pacific Coast from Oregon to Alaska

Stephen J. Culver and Martin A. Buzas

#### Introduction

Study of the recent benthic foraminifera off the North American Pacific Coast began in 1886 when Whiteaves published his work on the faunas off British Columbia. Since then, many other workers have contributed papers on the taxonomy, distribution, and ecology of northwestern Pacific foraminifera. One hundred and fifty-nine papers concerning recent benthic foraminifera of this region were published between 1886 and 1980. This paper represents the first attempt to synthesize these data and is the fourth of a series including and summarizing all published data on the distribution of recent benthic foraminifera around North America. All published distributional data for the east coast is presented in Culver and Buzas (1980) and the results of subsequent analysis are given in Buzas and Culver (1980), Culver and Buzas (1981a,b, 1982a). Gulf of Mexico data are given in Culver and Buzas (1981c,d, 1982a, 1983). Distribution data for the Caribbean region are presented in Culver and Buzas (1982b).

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The work presented here can be divided into three main parts. First, there is a reference section consisting of (1) the papers used in compiling the presence-absence data utilized by this study and (2) additional references that are cited in this paper. Second, there are five computer-generated catalogs listing every species ever recorded in publications on the North American Pacific coast, north of California. Third, there are computer-generated maps of the 138 most commonly recorded species together with a map showing all sample localities in the study area. Explanatory notes for the catalogs and maps can be found later in this introduction.

Following the format of our studies of the benthic foraminifera off the east coast of North America, the Gulf of Mexico, and the Caribbean, we have included a key to our concept of each of the 138 most commonly recorded species.

METHODS.—The computerization methods utilized in this work were the same as those described in detail in Culver and Buzas (1980). Of the 159 papers published on the benthic foraminifera of the North American Pacific continental margin, 31 contained data in a form enabling its incorporation in this study. The name of one or more species (living or dead) and the locality where they were found was all that

was required. The information typed into the basic compilation file consisted of (1) author of publication, (2) date of publication, (3) generic name used in publication, (4) specific name used in publication, (5) locality, and (6) latitude and longitude (see Catalog 1).

When numerous sample sites of a particular study were in very close proximity they were summarized by a single or several representative localities. Thus, all species recorded in the sampled area were considered to have been found at the representative points. In a very few cases, where no detailed locality information was given, a point was arbitrarily chosen to be representative of the records in question. Modification and sorting of this basic file resulted in the production of 5 catalogs, which are described below. The 139 maps in this publication are also computergenerated and were drawn on a Calcomp Plotter.

THE CATALOGS.—Five catalogs are included in this section and are designed to enable the reader to have rapid access to all published distributional data on recent benthic foraminifera off the North American Pacific coast north of California. Catalog 1 lists (alphabetically by binomen) all the records of every species ever recorded in the study area and also includes publication and locality information. This catalog contains almost 2,500 entries and around 12,500 pieces of information. Catalog 2 is the synonymized version of number 1. This list is identical to Catalog 1 except that generic and specific names have been changed where necessary. To aid referral between Catalogs 1 and 2, line numbers starting at 10001 are included at the lefthand margin of the files. Thus, for example, it can be seen that Trifarina angulosa from Ketchikan, Alaska (Catalog 2, line 10121) was originally recorded (Cushman and McCulloch, 1948) as Angulogerina angulosa (Catalog 1, line 10121). Due to an error, line 12047 in Catalogs 1 and 2 is blank.

Catalogs 3 and 4 aid rapid use of the first two catalogs. Catalog 3 is an alphabetized list of the 523 taxa that have been recorded on the North American Pacific continental margin north of

California. Catalog 4 lists alphabetically the 404 species recorded in this area after synonymization achieved by reference to published illustrations and specimens lodged in the USNM collections (National Museum of Natural History, Smithsonian Institution) and the British Museum (Natural History) collections. Catalogs 3 and 4, therefore, are derived directly from Catalogs 1 and 2, respectively.

Catalog 5 is intended for the researcher interested in specific areas. This catalog contains alphabetized lists of synonymized species for each locality (localities are listed by increasing latitude and longitude). If, in the case of synonymized species, the investigator questions the generic or specific name used, he can refer to Catalogs 1 and 2 to find the original name used by the author of the publication in which that species was recorded.

THE MAPS.—The 139 computer-generated maps included in this section are, like the catalogs, provided as a reference tool for use in distributional studies of recent benthic foraminifera. Figure 1 illustrates the distribution of all the 157 sample localities included in this study. The 183 m and 1830 m submarine contours roughly approximate to the edge of the continental shelf and the bottom of the continental slope, respectively. The distribution of the sample localities must be taken into account when examining the maps illustrating the distributions of species.

Figures 2 to 139 are computer-generated maps of the 138 most commonly recorded species. These are species that have been recorded 6 times or more, or at approximately 4% or more of the 157 localities; the figure of 4% was chosen arbitrarily to conform with the studies of the Atlantic continental margin of North America, the Gulf of Mexico, and the Caribbean (Culver and Buzas, 1980, 1981c, 1982b). The maps are arranged alphabetically by genera and by species within each genus.

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#### Discussion

The main purpose of this publication is to present all the published distributional data of recent benthic foraminifera from the North American Pacific continental margin north of California. A total of 523 names have been recorded in this region from 157 localities. Synonymization reduced this number to 404. Of these 404 species, 138 occurred at 6 or more of the 157 localities; that is, 29% of the species occur at 4% or more of the sample localities.

Distributional data have been summarized by tabulation. Table 1 is a synopsis of depth distribution and Table 2 summarizes latitudinal distribution. Depth distribution of the 138 most commonly recorded species was determined through visual inspection of the maps. Forty species are ubiquitous, 8 are coastal, 63 occur at depths of less than 200 m and 27 species at depths of greater than 200 m.

The sampling framework must be taken into account when considering these depth distributions. In this study, "ubiquitous" means that a species occurs both on the continental shelf and slope. As there are few abyssal samples, ">200 m" indicates that a species is found mainly on the slope. Similarly, "<200 m" indicates that a species occurs mainly on the shelf. The category "coastal" includes lagoons, marshes, bays, and beaches.

Many of the species listed under "ubiquitous" occur on the shelf in the south of the study area, but with increasing latitude they extend their bathymetric ranges down onto the slope. This could be interpreted as species changing their habitats with latitude as indicated by depth distributions (e.g., Hazel, 1970). However, there are so few bathyal samples in the south of the

study area that this interpretation cannot be accepted without further study.

The poor sampling framework, together with taxonomic inconsistencies, can also be suggested as the reason for some unexpected distributions. For example, *Trochammina inflata*, a well-known littoral marsh form, is listed in Table 1 as having a ubiquitous distribution. Examination of Figure 128 shows 12 records, of which 7 are coastal, 4 are bathyal and 1 is abyssal. Given these wide habitat differences it is reasonable to suggest that even with synonymization, two or more species are represented by these data.

One species, Cribrostomoides nitidum (Figure 29), is distinguishable from all others in the ">200 m" category. The six records are all from abyssal depths and so this species may be a useful deep water indicator in the study area. In comparison, in the Gulf of Mexico (Culver and Buzas, 1981c) C. nitidum occurs at bathyal and abyssal depths. This illustrates the danger of utilizing the isobathyal species concept (Bandy and Chierici, 1966) as a tool for bathymetric interpretations.

Latitudinal distribution of recent benthic foraminifera is the subject of Table 2. Visual examination of Figures 2–139 resulted in three categories of distribution with a possible faunal boundary in the vicinity of Queen Charlotte Island (52°–55°N). Forty-two species occur mainly to the north of this region, 22 occur mainly to the south, whilst 74 species occur throughout most of the latitudinal spread of the study area from around 41°N to 61°N.

Although a possible faunal break is noted above, we will reserve comment on foraminiferal provinces along the Pacific coast of North America until the final two volumes in this series covering California to Baja, California, and Baja to Panama (Culver and Buzas, in preparation) are published.

The summary distributions described above are based solely on the data presented in this study and do not take into account distributional data to the north or south of the area covered by this publication.

#### TABLE 1.—Depth distribution.

#### Ubiquitous

Adercotryma glomerata Astrononion gallowayi Bolivina decussata Bolivina pacifica Buccella frigida Bulimina ovata Cassidulina barbara Cibicides fletcheri Cribrostomoides jeffreysii Cyclogyra involvens Epistominella exigua Epistominella pacifica Epistominella vitrea Eponides leviculus Fissurina lucida Globobulimina auriculata Globobulimina pacifica Haplophragmoides planissimum Islandiella californica Islandiella norcrossi Lagena elongata Lagena striata Miliolinella subrotunda Nonionella auricula Nonionella turgida digitata Nonionellina labradorica Oolina hexagona Oolina melo Oolina straitopunctata Pullenia salisburyi Pyrgo murrhina Reophax scorpiurus Saccammina atlantica Spiroplectammina biformis Thalmannammina parkerae Trifarina fluens

Trochammina inflata Trochammina nitida Uvigerina juncea Uvigerina peregrina

#### >200 m

Ammodiscus minutissimus Bolivina alata Bolivina spissa Bulimina barbata Bulimina inflata mexicana Bulimina subacuminata Bulimina tenuata Cassidulina cushmani Cassidulina subglobosa Chilostomella oolina Cibicides mckannai Cribrostomoides nitidum Cribrostomoides subglobosum Eggerella bradyi Eponides healdi Eponides subtenera Eponides umbonatus Fursenkoina loeblichi Gyroidina io Haplophragmoides scitulum Hyperammina elongata Karreriella parkerae Triloculina trihedra Trochammina globigeriniformis Uvigerina peregrina dirupta Valvulineria araucana Valvulineria glabra

<200 m

Ammodiscus gullmarensis

Ammonia beccarii Buliminella elegantissima Cibicides lobatulus Cribrostomoides crassimargo Dendrophyra arborescens Dyocibicides biserialis Eggerella advena Elphidiella nitida Elphidium articulatum Elphidium bartletti Elphidium crispum Elphidium excavatum Elphidium frigidum Elphidium hughesi Elphidium incertum Elphidium lene Elphidium subarcticum Elphidium tumidum Eponides repandus Fissurina marginata Gaudryina arenaria Gaudryina subglabrata Glabratella ornatissima Haplophragmoides bradyi Haplophragmoides canariensis Haplophragmoides columbiensis Islandeilla helenae Islandiella limbata Islandiella tortuosa Karreriella baccata Lagena apiopleura Lagena distoma

Lagena gracilis

Lagena pliocenica

Miliammina fusca

Lagena semilineata

Lagena laevis

Lagena spicata

Miliolinella circularis Nonionella basispinata Nonionella stella Oolina borealis Patellina corrugata Polymorphina kincaidi Pseudopolymorphina charlottensis Quinqueloculina seminula Quinqueloculina stalkeri Quinqueloculina sp. Recurvoides turbinatus Reophax curtus Robertinoides charlottensis Rosalina columbiensis Sigmorphina gallowayi Sigmomorphina trilocularis Trifarina angulosa Trifarina semitrigona Trochammina charlottensis Trochammina discorbis Trochammina nana Trochammina pacifica Trochammina rotaliformis Trochammina squamata

#### Coastal

Ammotium cassis Buccella tenerrima Elphidiella arctica Elphideilla hannai Elphidium microgranulosum Eponides columbiensis Ouinqueloculina akneriana Trochammina kellettae

## Summary

- 1. All published data on the distribution of recent benthic foraminifera of the North American Pacific continental margin north of California is presented in the form of 5 catalogs and 139 maps.
- 2. 523 taxa have been recorded in the area of study.
- 3. The taxa have been reduced to 404 by synonymization.
- 4. Of the 404 synonymized species, 138 occur at 6 or more of the sample locations; that is, 29% of the species occur at 4% or more of the 157 sample localities.
- 5. Three groups of commonly recorded species characterize gross depth zones. Eight species are coastal in their distribution, 63 occur at depths of less than 200 m and 27 at depths of greater than 200 m.
  - 6. Another group, containing 40 species, is

#### North (>50°-55°N)

Ammodiscus minutissimus Ammotium cassis Bolivina alata Bolivina decussata Bolivina spissa Bulimina barbata Bulimina inflata mexicana Bulimina subacuminata Cassidulina barbara Cassidulina cushmani Cassidulina subglobosa Cibicides mckannai Cribrostomoides crassimargo Cribrostomoides jeffreysii Elphidiella arctica Elphidium bartletti Epistominella vitrea Eponides healdi Eponides leviculus Eponides subtenera Fursenkoina loeblichi Gyroidina io Haplophragmoides scitulum Hyperammina elongata Islandiella helenae Islandiella norcrossi Karreriella baccata Karreriella parkerae Lagena laevis Lagena semilineata Oolina hexagona Pyrgo murrhina Quinqueloculina stalkeri Quinqueloculina sp. Reophax scorpiurus

Thalmannammina parkerae Trifarina fluens Triloculina trihedra Uvigerina peregrina Uvigerina peregrina dirupta Valvulineria araucana Valvulineria glabra

South (<50°-55°N)

Ammonia beccarii Buccella tenerrima Bulimina ovata Elphidium crispum Elphidium incertum Elphidium lene Elphidium microgranulosum Elphidium subarcticum Eponides columbiensis Gaudryina subglabrata Haplophragmoides bradyi Haplophragmoides canariensis Miliammina fusca Miliolinella circularis Nonionella basispinata Reophax curtus Rosalina columbiensis Trifarina semitrigona Trochammina charlottensis Trochammina discorbis Trochammina kellettae Trochammina nana

Ubiquitous

Adercotryma glomerata

Ammodiscus gullmarensis Astrononion gallowayi Bolivina pacifica Buccella frigida Bulimina tenuata Buliminella elegantissima Chilostomella oolina Cibicides fletcheri Cibicides lobatulus Cribrostomoides nitidum Cribrostomoides subglobosum Cyclogyra involvens Dendrophyra arborescens Dyocibicides biserialis Eggerella advena Eggerella bradyi Elphidiella hannai Elphidiella nitida Elphidium articulatum Elphidium excavatum Elphidium frigidum Elphidium hughesi Elphidium tumidum Epistominella exigua Epistominella pacifica Eponides repandus Eponides umbonatus Fissurina lucida Fissurina marginata Gaudryina arenaria Glabratella ornatissima Globobulimina auriculata Globobulimina pacifica Haplophragmoides columbiensis Haplophragmoides planissimum Islandiella californica Islandiella limbata

Islandiella tortuosa Lagena apiopleura Lagena distoma Lagena elongata Lagena gracilis Lagena pliocenica Lagena spicata Lagena striata Miliolinella subrotunda Nonionella auricula Nonionella stella Nonionella turgida digitata Nonionellina labradorica Oolina borealis Oolina melo Oolina striatopunctata Patellina corrugata Polymorphina kincaidi Pseudopolymorphina charlottensis Pullenia salisburyi Quinqueloculina akneriana Quinqueloculina seminula Recurvoides turbinatus Robertinoides charlottensis Saccammina atlantica Sigmomorphina gallowayi Sigmomorphina trilocularis Spiroplectammina biformis Trifarina angulosa Trochammina globigeriniformis Trochammina inflata Trochammina nitida Trochammina pacifica Trochammina rotaliformis Trochammina squamata Uvigerina juncea

ubiquitous, occurring on the continental shelf and slope and sometimes at abyssal depths.

- 7. Commonly recorded genera and species vary in their usefulness for delimiting depth zones.
- 8. The depth distribution of many "ubiquitous" species increases towards the north. It may indicate habitat changes with increasing latitude, but it can just as easily be explained as an artifact of a poor sampling framework.
  - 9. Three groups of commonly recorded spe-

cies characterize biogeographic faunal categories. Forty-two species occur mainly to north of 52°-55°N, 22 occur mainly to the south of this region, and 74 species are latitudinally ubiquitous in the study area extending from around 41°N toward 61°N.

## Key to the Species on the Maps

Following Culver and Buzas (1980, 1981c, 1982b) we list below a key to our concept of the

138 most commonly recorded species on the North American Pacific continental margin north of California. Genera are listed alphabetically as are the species within each genus. Under each species, the reference or references are given where the reader can find published illustrations that adequately convey our concept of each of the commonly recorded species in this study. Many of the 138 species were also included in the keys to commonly recorded species for the east coast of North America, the Gulf of Mexico, and the Caribbean (Culver and Buzas, 1980, 1981c, 1982b); the references given here for these species are generally the same.

# INDEX TO PUBLICATIONS THAT ILLUSTRATE OUR CONCEPT OF THE 138 MOST COMMONLY RECORDED SPECIES

- Adercotryma glomerata (Brady): Parker, 1954:486, pl. 1: fig. 18 [as Adercotryma glomeratum].
- Ammodiscus gullmarensis Hoeglund: Hoeglund, 1947:123, pl. 8: figs. 2, 3, 8, pl. 20: figs. 17, 18 [as Ammodiscus planus].
- Ammodiscus minutissimus Cushman and McCulloch: Cushman and McCulloch, 1939:70, pl. 5: figs. 3, 4.
- Ammonia beccarii (Linné): Schnitker, 1974:217-223, pl. 1. Ammotium cassis (Parker): Schafer and Cole, 1978:27, pl. 3:
- Astrononion gallowayi Loeblich and Tappan: Bergen and O'Neil, 1979:1289, pl. 2: figs. 1, 2.
- Bolivina alata (Seguenza): Brady, 1884:422, pl. 53: figs. 2-4 [as Bolivina beyrichi var. alata].
- Bolivina decussata Brady: Todd and Low, 1967:A27, pl. 4: fig. 11.
- Bolivina pacifica Cushman and McCulloch: Cushman and McCulloch, 1942:185, pl. 21: figs. 2, 3 [as Bolivina acerosa var. pacifica].
- Bolivina spissa Cushman: Bergen and O'Neil, 1979:1289, pl. 3: fig. 25.
- Buccella frigida (Cushman): Todd and Low, 1961:18, pl. 1: figs. 24, 25.
- Buccella tenerrima (Bandy): Lankford and Phleger, 1973:116, pl. 4: fig. 19.
- Bulimina barbata Cushman: Bergen and O'Neil, 1979:1289, pl. 4: fig. 14.
- Bulimina inflata Seguenza mexicana Cushman: Cushman, 1922:95, pl. 21: fig. 2.
- Bulimina ovata d'Orbigny: Cushman, 1922:100, pl. 21: fig.
- Bulimina subacuminata Cushman and Stewart: Bergen and O'Neil, 1979:1289, pl. 4: fig. 1.

- Bulimina tenuata Cushman: Bergen and O'Neil, 1979:1289, pl. 5: fig. 8
- Buliminella elegantissima (d'Orbigny): Schnitker, 1971:194, pl. 4: fig. 17.
- Cassidulina barbara Buzas: Buzas, 1965:25, pl. 5: figs. 2, 3. Bergen and O'Neil, 1979:1289, pl. 4: fig. 25 [as Cassidulina islandica].
- Cassidulina cushmani Stewart and Stewart: Bergen and O'-Neil, 1979:1289, pl. 4: fig. 34.
- Cassidulina subglobosa Brady: Parker, 1948:237, pl. 6: figs.
- Chilostomella oolina Schwager: Parker, 1954:537, pl. 11: fig.
- Cibicides fletcheri Galloway and Wissler: Uchio, 1960, pl. 10: figs. 1–3. Bergen and O'Neil, 1979:1289, pl. 1: fig. 17.
- Cibicides lobatulus (Walker and Jacob): Sen Gupta, 1971:89, pl. 2: figs. 34–36.
- Cibicides mckannai Galloway and Wissler: Bergen and O'Neil, 1979:1289, pl. 3: figs. 8-10 [as Cibicides aff. mckannai].
- Cribrostomoides crassimargo (Norman): Schafer and Cole, 1978:27, pl. 4: figs. 2a, b.
- Cribrostomoides jeffreysii (Williamson): Todd and Low, 1967:A15, pl. 1: fig. 21.
- Cribrostomoides nitidum (Goës): Parker, 1954:486, pl. 1: fig. 17 [as Alveolophragmium nitidum].
- Cribrostomoides subglobosum (Sars): Loeblich and Tappan, 1964:C225, fig. 136 (1, 2).
- Cyclogyra involvens (Reuss): Schafer and Cole, 1978:27, pl. 7: fig. 6a,b.
- Dendrophyra arborescens (Norman): Brady, 1884:262, pl. 28: figs. 12, 13 [as Hyperammina arborescens].
- Dyocibicides biserialis Cushman and Valentine: Todd and Low, 1967:A35, pl. 5: fig. 3.
- Eggerella advena (Cushman): Cushman, 1922:57, pl. 9: figs. 7-9 [as Verneuilina advena].
- Eggerella bradyi Cushman: Cushman, 1922:59, pl. 11: fig. 1 [as Verneuilina bradyi].
- Elphidiella arctica (Parker and Jones): Schafer and Cole, 1978:27, pl. 9: fig. 6.
- Elphidiella hannai (Cushman and Grant): Cushman and McCulloch, 1940:177, pl. 20: fig. 11.
- Elphidiella nitida Cushman: Bergen and O'Neil, 1979:1290, pl. 1: figs. 3, 4.
- Elphidium articulatum (d'Orbigny): Parker, 1952a:411, pl. 5: figs. 5, 7.
- Elphidium bartletti Cushman: Sen Gupta, 1971:89, pl. 2: figs. 26, 27.
- Elphidium crispum (Linné): Nicol, 1944:177, pl. 29: figs. 3, 11 [as Elphidium fax fax].
- Elphidium excavatum (Terquem): Cushman, 1930:20, pl. 7: fig. 10a,b [as Elphidium incertum var. clavatum]. Buzas, 1966:585-594, pl. 71: figs. 1-8 [as Elphidium clavatum]. Schnitker, 1971:198, pl. 7: fig. 4 [as Elphidium incertum].
- Elphidium frigidum Cushman: Cushman and McCulloch, 1940:171, pl. 19: figs. 6, 8.

- Elphidium hughesi Cushman and Grant: Bergen and O'Neil, 1979:1290, pl. 1: figs. 1, 2.
- Elphidium incertum (Williamson): Buzas, 1966:592, pl. 72: figs. 1-6.
- Elphidium lene Cushman and McCulloch: Cushman and McCulloch, 1940:170, pl. 19: fig. 2 [as Elphidium incertum var. lene].
- Elphidium microgranulosum (Thalmann): Galloway and Wissler, 1927:83, pl. 12: figs. 15, 16 [as Themeon decipiens].
- Elphidium subarticum Cushman: Parker, 1952a:412, pl. 5: fig. 9
- Elphidium tumidum Natland: Natland, 1938:144, pl. 5: figs. 5, 6.
- Espistominella exigua (Brady): Phleger and Parker, 1951:28, pl. 15: figs. 6, 7, [as Pseudoparrella exigua].
- Epistominella pacifica (Cushman): Todd and Low, 1967:A32, pl. 5: fig. 18.
- Epistominella vitrea Parker: Parker, Phleger, and Peirson, 1953:9, pl. 4: figs. 34-36, 40, 41.
- Eponides columbiensis (Cushman): Cushman, 1925:43, pl. 7: figs. 1a-c [as Pulvinulina columbiensis].
- Eponides healdi Stewart and Stewart: Stewart and Stewart, 1930:70, pl. 8: figs. 8a-c.
- Eponides leviculus (Resig): Bergen and O'Neil, 1979:1290, pl. 4: figs. 22-24.
- Eponides repandus (Fichtel and Moll): Phleger and Parker, 1951:21, pl. 11: figs. 5, 6.
- Eponides subtenera (Galloway and Wissler): Bergen and O'-Neil, 1979:1290, pl. 4: fig. 19-21 [as Eponides subtener].
- Eponides umbonatus (Reuss): Cushman, 1931:52, pl. 11: figs. 1-3 [as Eponides umbonata].
- Fissurina lucida (Williamson): Todd and Low, 1967:A28, pl. 3: fig. 31.
- Fissurina marginata (Montagu): Sen Gupta, 1971:82, pl. 7: figs. 4, 5.
- Fursenkoina loeblichi (Feyling-Hanssen): Phleger and Parker, 1951:18, pl. 9: figs. 1-3 [as Virgulina complanata].
- Gaudryina arenaria Galloway and Wissler: Cushman and McCulloch, 1939:91, pl. 8: figs. 2, 3.
- Gaudryina subglabrata Cushman and McCulloch: Cushman and McCulloch, 1939:92, pl. 8: figs. 5-7.
- Glabratella ornatissima (Cushman): Todd and Low, 1967:A30, pl. 4: fig. 23.
- Globobulimina auriculata (Bailey): Schnitker, 1971:202, pl. 5: fig. 6.
- Globobulimina pacifica Cushman: Bergen and O'Neil, 1979:1290, pl. 6: fig. 9.
- Gyroidina io Resig: Uchio, 1960: pl. 8: figs. 16-18.
- Haplophragmoides bradyi (Robertson): Hoeglund, 1947:134, pl. 10: fig. 1.
- Haplophragmoides canariensis (d'Orbigny): Schnitker, 1971:204, pl. 1: fig. 6.
- Haplophragmoides columbiensis Cushman: Cushman and McCulloch, 1939:72, pl. 5: figs. 8-10 [as Haplophragmoides columbiense].

- Haplophragmoides planissimum Cushman: Cushman, 1927:135, pl. 1: fig. 6 [as Haplophragmoides planissima].
- Haplophragmoides scitulum (Brady): Parker, 1954:487, pl. 1: figs. 20, 21 [as Alveolophragmium scitulum].
- Hyperammina elongata Brady: Parker, 1952a:395, pl. 1: fig. 10.
- Islandiella californica (Cushman and Hughes): Bergen and O'Neil, 1979:1289, pl. 2: figs. 23, 24 [as Cassidulina californica].
- Islandiella helenae Feyling-Hanssen and Buzas: Feyling-Hanssen and Buzas, 1976:155, figs. 1-4. Todd and Low, 1967:A38, pl. 5: fig. 10 [as Cassidulina teretis].
- Islandiella limbata (Cushman and Hughes): Bergen and O'-Neil, 1979:1289, pl. 2: figs. 3-5 [as Cassidulina limbata].
- Islandiella norcrossi (Cushman): Parker, 1948, pl. 6: figs. 2a,b [as Cassidulina norcrossi].
- Islandiella tortuosa (Cushman and Hughes): Todd and Low, 1967:A38, pl. 5: fig. 12 [as Cassidulina tortuosa].
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- Karreriella parkerae Uchio: Uchio, 1960:56, pl. 2: figs. 21-23, Bergen and O'Neil, 1979:1291, pl. 5: figs. 3, 4, 22.
- Lagena apiopleura Loeblich and Tappan: Bergen and O'Neil, 1979:1291, pl. 2: fig. 19.
- Lagena distoma Parker and Jones: Todd and Low, 1967:A24, pl. 3: fig. 18.
- Lagena elongata (Ehrenberg): Todd and Low, 1967:A24, pl. 3: fig. 22.
- Lagena gracilis Williamson: Bergen and O'Neil, 1979:1291, pl. 4: fig. 4.
- Lagena laevis (Montagu): Schafer and Cole, 1978:28, pl. 6: fig. 10.
- Lagena pliocenica Cushman and Gray: Todd and Low, 1967:A25, pl. 3: fig. 19.
- Lagena semilineata Wright: Cushman and McCulloch, 1950:345, pl. 46: fig. 11.
- Lagena spicata Cushman and McCulloch: Cushman and McCulloch, 1950:360, pl. 48: figs. 3-7 [as Lagena sulcata var. spicata].
- Lagena striata (d'Orbigny): Todd and Low, 1967:A25, pl. 3: fig. 20.
- Miliammina fusa (Brady): Parker, 1952b:452, pl. 2: figs. 6a,b. Miliolinella circularis (Bornemann): Cushman and Todd, 1947:6, pl. 1: fig. 33 [as Triloculina circularis].
- Miliolinella subrotunda (Montagu): Brooks, 1973, pl. 8: figs. 6, 9. Brady, 1884:169, pl. 4: fig. 3, pl. 5: figs. 13, 14 [as Miliolina circularis].
- Nonionella auricula Heron-Allen and Earland: Cushman and McCulloch, 1940:159, pl. 17: figs. 6, 7.
- Nonionella basispinata Cushman and Moyer: Cushman and McCulloch, 1940:158, pl. 17: figs. 8, 9, pl. 18: figs. 4, 5 [as Nonion pizarrense var. basispinatum].
- Nonionella stella Cushman and Moyer: Cushman and Mc-Culloch, 1940:162, pl. 18: fig. 2 [as Nonionella miocenica

var. stella].

Nonionella turgida digitata Norvang: Todd and Low, 1967:A36, pl. 5: fig. 8.

Nonionellina labradorica (Dawson): Cushman, 1930:11, pl. 4: figs. 6-12 [as Nonion labradoricum].

Oolina borealis Loeblich and Tappan: Todd and Low, 1967:A28, pl. 3: fig. 34.

Oolina hexagona (Williamson): Todd and Low, 1967:A29, pl. 3: fig. 28.

Oolina melo d'Orbigny: Schafer and Cole, 1978:28, pl. 6: fig. 5.

Oolina striatopunctata (Parker and Jones): Todd and Low, 1967:A29, pl. 3: fig. 25.

Patellina corrugata Williamson: Schnitker, 1971:206, pl. 6: fig. 12.

Polymorphina kincaidi Cushman and Todd: Cushman and Todd, 1947:12, pl. 2: figs. 9, 10.

Pseudopolymorphina charlottensis (Cushman): Cushman and Todd, 1947:12, pl. 2: fig. 11 [as Polymorphina charlottensis].

Pullenia salisburyi Stewart and Stewart: Todd and Low, 1967:A38, fig. 20.

Pyrgo murrhina (Schwager): Cushman, 1929:71, pl. 19: figs. 6, 7.

Quinqueloculina akneriana d'Orbigny: D'Orbigny, 1846:290, pl. 18: figs. 16-21.

Quinqueloculina seminula (Linné): Sen Gupta, 1971:85, pl. 1: figs. 25-27.

Quinqueloculina stalkeri Loeblich and Tappan: Todd and Low, 1967:A19, pl. 2: fig. 17.

Quinqueloculina sp.: Bergen and O'Neil, 1979:1292, pl. 2: fig. 22 [as Quinqueloculina akneriana].

Recurvoides turbinatus (Brady): Sen Gupta, 1971:84, pl. 1: figs. 10-12.

Reophax curtus Cushman: Sen Gupta, 1971:84, pl. 1: figs. 2-4

Reophax scorpiurus Montfort: Cushman, 1920:6, pl. 1: figs. 5-7.

Robertinoides charlottensis (Cushman): Cushman and Todd, 1947:18, pl. 3: fig. 2 [as Robertina charlottensis].

Rosalina columbiensis (Cushman): Lankford and Phleger, 1973:127, pl. 5: figs. 10-12.

Saccammina atlantica (Cushman): Sen Gupta, 1971:83, pl. 1: fig. 1.

Sigmomorphina gallowayi Cushman and Ozawa: Cushman and

Todd. 1947:12, pl. 2: fig. 8.

Sigmomorphina trilocularis (Bagg): Cushman and Todd, 1947:11, pl. 2: fig. 7.

Spiroplectammina biformis (Parker and Jones): Schafer and Cole, 1978:29, pl. 3: fig. 2.

Thalmannammina parkerae (Uchio): Bergen and O'Neil, 1979:1291, pl. 5: fig. 28 [as Haplophragmoides (Recurvoidella) parkerae].

Trifarina angulosa (Williamson): Sen Gupta, 1971:89, pl. 2: figs. 16-17.

Trifarina fluens (Todd): Todd and Low, 1967:A30, pl. 4: fig. 5 [as Angulogerina fluens].

Trifarina semitrigona (Galloway and Wissler): Cushman and Todd, 1947:19, pl. 3: fig. 7 [as Angulogerina semitrigona].

Triloculina trihedra Loeblich and Tappan: Bergen and O'-Neil, 1979:1292, pl. 5: figs. 1, 2.

Trochammina charlottensis Cushman: Lankford and Phleger, 1973:130, pl. 3: figs. 3, 4.

Trochammina discorbis Earland: Cushman and McCulloch, 1939:106, pl. 11: fig. 10.

Trochammina globigeriniformis Brady: Bergen and O'Neil, 1979:1292, pl. 5: figs. 20, 21.

Trochammina inflata (Montagu): Parker, 1952b:459, pl. 3: figs. 1a,b.

Trochammina kellettae Thalmann: Cushman and McCulloch, 1939:101, pl. 11: fig. 1.

Trochammina nana Brady: Brady, 1884:311, pl. 35: figs. 6-8 [as Haplophragmium nanum].

Trochammina nitida Brady: Cushman and McCulloch, 1939:105, pl. 11: figs. 7-9.

Trochammina rotaliformis Wright: Cushman and McCulloch, 1939:107, pl. 12: fig. 2.

Trochammina squamata Jones and Parker: Schafer and Cole, 1978:29, pl. 5: fig. 1.

Uvigerina juncea Cushman and Todd: Bergen and O'Neil, 1979:1292, pl. 3: fig. 4.

Uvigerina peregrina Cushman: Cushman, 1923:166, pl. 42: figs. 7-10. Pflum and Frerichs, 1976:108, pl. 8: figs. 2, 3 [as Uvigerina peregrina peregrina].

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Valvulineria araucana d'Orbigny: Uchio, 1960, pl. 8: figs. 3-5.

Valvulineria glabra Cushman: Bergen and O'Neil, 1979:1292, pl. 5: figs. 14, 15.

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(An asterisk marks each of the 31 publications from which distribution data were drawn for construction of the catalogs)

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# CATALOG 1

# Unsynonymized Species with Publication and Location

Publication	Generic Name	Specific Name	Locality	Lat. Long.
10001 COCKBAIN 1963 10002 COCKBAIN 1963	ADERCOTRYMA	GLOMERATA	BRITISH COLUMBIA British Columbia	48 14N 123 30W 48 45N 123 00W
10002 COCKBAIN 1963	A D E R C O T R Y M A A D E R C O T R Y M A	GLOMERATA GLOMERATA	BRITISH COLUMBIA	48 20N 123 00W
10004 COCKBAIN 1963	ADERCOTRYMA	GLOMERATA	BRITISH COLUMBIA	48 35N 122 51W
10005 COCKBAIN 1963 10006 COCKBAIN 1963	A D E R C O T R Y M A A D E R C O T R Y M A	GLOMERATA GLOMERATA	BRITISH COLUMBIA BRITISH COLUMBIA	48 20N 124 10W 49 15N 123 30W
10007 COCKBAIN 1963	ADERCOTRYMA	GLOMERATA	BRITISH COLUMBIA	49 OON 123 15W
10008 COCKBAIN 1963 10009 BERGEN O'NEIL 1979	ADERCOTRYMA	GLOMERATA	BRITISH COLUMBIA	49 40N 124 45W 59 45N 144 55W
10010 BERGEN O'NEIL 1979	A D E R C O T R Y M A A D E R C O T R Y M A	GLOMERATA Glomerata	GULF OF ALASKA GULF OF ALASKA	59 42N 144 10W
10011 BERGEN O'NEIL 1979	ADERCOTRYMA	GLOMERATA	GULF OF ALASKA	56 25N 152 45W 59 45N 146 00W
10012 BERGEN O'NEIL 1979 10013 BERGEN O'NEIL 1979	ADERCOTRYMA ADERCOTRYMA	GLOMERATA GLOMERATA	GULF OF ALASKA GULF OF ALASKA	59 SSN 142 25W
10014 BERGEN O'NEIL 1979	ADERCOTRYMA	GLOMERATA	GULF OF ALASKA	59 30N 145 40W
10015 SMITH 1973 10016 SMITH 1973	A D E R C O T R Y M A A D E R C O T R Y M A	GLOMERATUM GLOMERATUM	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	52 41N 155 36W 48 61N 161 07W
10017 SMITH 1973	ADERCOTRYMA	GLOMERATUM	NORTH PACIFIC	43 47N 160 36W
10018 SMITH 1973	A D E R C O T R Y MA	GLOMERATUM	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	49 50N 160 57W 53 16N 161 33W
10019 SMITH 1973 10020 COOPER 1961	ADERCOTRYMA ALVEOLOPHRAGMIUM	GLOMERATUM COLUMBIENSE	OREGON COAST	44 OZN 124 O8W
10021 COOPER 1961	AL VEOL OPHRAGMIUM	COLUMBIENSE	OREGON COAST	43 07N 124 26W
10022 LANKFORD PHLEGER 1973 10023 LANKFORD PHLEGER 1973	ALVEOLOPHRAGMIUM ALVEOLOPHRAGMIUM	COLUMBIENSIS COLUMBIENSIS	DEPOE BAY, OREGON CRESCENT CITY, CALIF.	44 47N 124 05W 41 45N 124 13W
10024 COCKBAIN 1963	ALVEOL OPHRAGM I UM	COLUMBIENSIS	BRITISH COLUMBIA	49 15N 123 30W
10025 COCKBAIN 1963 10026 COCKBAIN 1963	ALVEOLOPHRAGMIUM ALVEOLOPHRAGMIUM	COLUMBIENSIS COLUMBIENSIS	BRITISH COLUMBIA BRITISH COLUMBIA	48 20N 124 10W 48 20N 123 00W
10020 COCKBAIN 1963	ALVEOLOPHRAGMIUM	COLUMBIENSIS	BRITISH COLUMBIA	48 45N 123 00W
10028 COCKBAIN 1963	AL V EOL OP HRAGM I UM	COLUMBIENSIS	BRITISH COLUMBIA	49 OON 123 15W 48 14N 123 30W
10029 COCKBAIN 1963 10030 COCKBAIN 1963	AL V E O L O P H R A G M I U M A L V E O L O P H R A G M I U M	COLUMBIENSIS COLUMBIENSIS	BRITISH COLUMBIA BRITISH COLUMBIA	50 00N 125 07W
10031 COCKBAIN 1963	AL V E O L O P H R A G M I U M	COLUMBIENSIS	BRITISH COLUMBIA	49 40N 124 45W
10032 SMITH 1973 10033 SMITH 1973	AL V EOL O PHRAGM I U M AL V E OL O PHRAGM I U M	N 1 T I D U M N 1 T I D U M	NORTH PACIFIC OFF ALASKA PENINSULA	43 47N 160 36W 53 16N 161 33W
10034 SMITH 1973	ALVEOLOPHRAGMIUM	NITIOUM	OFF ALASKA PENINSULA	54 51N 155 24W
10035 SMITH 1973	ALVEOLOPHRAGMIUM	NITIDUM	OFF ALASKA PENINSULA	52 41N 155 36W 49 50N 160 57W
10036 SMITH 1973 10037 SMITH 1973	ALVEOLOPHRAGMIUM ALVEOLOPHRAGMIUM	N 1 T I DUM N 1 T I DUM	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	48 61N 161 07W
10038 SMITH 1973	ALVEOL OPHRAGMIUM	RINGENS	OFF ALASKA PENINSULA	49 50N 160 57W
10039 SMITH 1973 10040 соскваім 1963	AL V E O L O P H R A G M I U M AL V E O L O P H R A G M I U M	R IN GENS ROBUSTUM	OFF ALASKA PENINSULA BRITISH COLUMBIA	52 41N 155 36W 48 20N 124 10W
10041 COCKBAIN 1963	ALVEOLOPHRAGMIUM	ROBUSTUM	BRITISH COLUMBIA	49 40N 124 45W
10042 COCKBAIN 1963 10043 COCKBAIN 1963	ALVEOLOPHRAGMIUM ALVEOLOPHRAGMIUM	ROBUSTUM ROBUSTUM	BRITISH COLUMBIA BRITISH COLUMBIA	48 14N 123 30W 49 15N 123 30W
10044 COCKBAIN 1963	ALVEOLOPHRAGMIUM	ROBUSTUM	BRITISH COLUMBIA	48 20N 123 00W
10045 SM1TH 1973	AL V EOL OP HR A GM I UM	SCITULUM	OFF ALASKA PENINSULA	48 61N 161 07W
10046 SMITH 1973 10047 SMITH 1973	AL VEOLOPHRAGMIUM AL VEOLOPHRAGMIUM	SUBGLOBOSUM SUBGLOBOSUM	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	49 50N 160 57W 54 51N 155 24W
10048 SMITH 1973	AL VEOL OPHRAGM I UM	SUBGLOBOSUM	OFF ALASKA PENINSULA	53 16N 161 33W
10049 SMITH 1973 10050 SMITH 1973	AL V EOL O PHRAGM I UM AL V EOL O PHRAGM I UM	SUBGLOBOSUM SUBGLOBOSUM	OFF ALASKA PENINSULA KODIAKA ALASKA	48 61N 161 07W 57 49N 152 30W
10051 SMITH 1973	AL V EOL OPHRAGM I UM	SUBGLOBOSUM	OFF ALASKA PENINSULA	53 S3N 161 40W
10052 SMITH 1973 10053 SMITH 1973	AL V E O L O P HR A G M I U M A L V E O L O P HR A G M I U M	SUBGLOBOSUM WEISNERI	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	52 41N 155 36W 48 61N 161 07W
10054 SMITH 1973	AL VEOL OP HRAGM I UM	WEISNERI	OFF ALASKA PENINSULA	52 41N 1SS 36W
10055 SMITH 1973	AMMOBACULITES	AGGLUTINANS	OFF ALASKA PENINSULA	49 50N 16D 57W 43 47N 16O 36W
10056 SMITH 1973 10057 BERGEN O'NEIL 1979	AMMOBA CULITES AMMOBA CULITES	AGG LUT I NANS AGG LUT I NANS	NORTH PACIFIC GULF OF ALASKA	59 00N 141 20W
10058 SMITH 1973	AMMOBACULITES	AGGLUTINANS FILAFORMIS	OFF ALASKA PENINSULA	48 61N 161 07W
10059 SM1TH 1973 10060 SM1TH 1973	AMMOBACULITES AMMOBACULITES	AGGLUTINANS FILAFORMIS AMERICANUS	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	53 16N 161 33W 48 61N 161 07W
10061 SM1TH 1973	AMMOBACULITES	A ME R I C A NUS	OFF ALASKA PENINSULA	53 16N 161 33W
10062 TODD LOW 1967 10063 CUSHMAN MCCULLOCH 1939	AMMOBACULITES AMMOBACULITES	ARENARIUS CASSIS	GULF OF ALASKA KETCHIKAN, ALASKA	59 32N 142 36W 55 21N 131 39W
10064 CUSHMAN MCCULLOCH 1939	AMMOBACULITES	CASSIS	OFF ALASKA	60 35N 145 44W
10065 CUSHMAN MCCULLOCH 1939	AMMOBA CULITES	CASSIS	OFF ALASKA	60 30N 146 00W
10066 CUSHMAN MCCULLOCH 1939 10067 Jones Ross 1979	AMMOBA CULITES AMMOBA CULITES	CASSIS DILATATUS	OFF ALASKA Samish Bay, Wash.	59 23N 135 20W 48 35N 122 28W
10068 SCOTT 1974	AMMOBACULITES	DILATATUS	SAMISH-PADILLA BAYS	48 36N 122 29W
10069 PHLEGER 1967 10070 PHLEGER 1967	AMMOBACULITES AMMOBACULITES	E X I GUUS E X I GUUS	GRAY'S HARBOUR, WASH. COOS, BAY, OREGON	47 00N 124 08W
10070 PALEGER 1707	AMMOBACULITES	FILAFORMIS	OFF ALASKA PENINSULA	43 25N 124 08W 52 41N 155 36W
10072 SMITH 1973	AMMOBACULITES AMMODISCUS	FILAFORMIS	OFF ALASKA PENINSULA	49 50N 160 57W
10073 TODD LOW 1967 10074 TODD LOW 1967	AMMODISCUS	ARENACEUS ARENACEUS	GULF OF ALASKA Kasaan bay, alaska	59 32N 142 36W 55 26N 132 14W
10075 TODD LDW 1967	AMMOD I S C U S	GUL LMAR ENSIS	EXCURSION, ALASKA	58 25N 135 30W
10076 TODD LOW 1967 10077 TODD LOW 1967	AMM OD I S C U S AMM OD I S C U S	GUL LMARENSIS GUL LMARENSIS	GAMBIER BAY, ALASKA GULF OF ALASKA	57 20N 134 02W 59 32N 142 36W
10078 BERGEN O'NEIL 1979	AMMODISCUS	MINUTISSIMUS	GULF OF ALASKA	59 35N 142 36N 59 35N 143 00W
10079 BERGEN O'NEIL 1979	AMMODISCUS	MINUTISSIMUS	GULF OF ALASKA	59 30N 145 45W
10080 BERGEN O'NEIL 1979 10081 BERGEN O'NEIL 1979	AMMODISCUS AMMODISCUS	MINUTISSIMUS MINUTISSIMUS	GULF OF ALASKA GULF OF ALASKA	59 00N 141 20W 59 45N 144 55W
10082 BERGEN O'NEIL 1979	AMMODISCUS	MINUTISSIMUS	GULF OF ALASKA	59 30N 143 00W
10083 BERGEN O'NEIL 1979 10084 BERGEN O'NEIL 1979	AMMODISCUS AMMODISCUS	MINUTISSIMUS MINUTISSIMUS	GULF OF ALASKA GULF OF ALASKA	59 30N 142 55W 58 50N 141 15W
10085 BERGEN O'NEIL 1979	AMMODISCUS	MINUTISSIMUS	GULF OF ALASKA	58 30N 141 15W 59 30N 145 20W
				. =•"

Publication	Generic Name	Specific Name	Locality	Lat. Long.
10086 BERGEN O'NEIL 1979	AMMODISCUS	PACIFICUS	GULF OF ALASKA	59 30N 145 20W
10087 BERGEN O'NEIL 1979 10088 SMITH 1973	AMMODISCUS	PACIFICUS	GULF OF ALASKA OFF ALASKA PENINSULA	59 00N 141 20W 48 61N 161 07W
10089 SMITH 1973	AMMOMARGINULINA AMMOMARGINULINA	FOLIACEA FOLIACEA	OFF ALASKA PENINSULA	52 41N 155 36W
10090 SMITH 1973	AMMOMARGINULINA	FOL IACEA	OFF ALASKA PENINSULA	54 51N 155 24N
10091 BERGEN O'NEIL 1979 10092 BERGEN O'NEIL 1979	AMMOMARGINULINA AMMOMARGINULINA	SANDIEGOENSIS	GULF OF ALASKA GULF OF ALASKA	59 00N 141 20W 59 30N 142 55W
10093 BERGEN O'NEIL 1979	AMMOMARGINULINA	S AN D I E GOENS I S S AN D I E GOENS I S	GULF OF ALASKA	59 25N 145 25W
10094 BERGEN O'NEIL 1979 10095 JONES ROSS 1979	AMM OMARGINULINA	SAN DIEGOENSIS	GULF OF ALASKA	59 30N 143 00W 48 35N 122 28W
10096 SCOTT 1974	AMMONIA AMMONIA	BECCARII BECCARII	SAMISH BAY, WASH. SAMISH-PADILLA BAYS COOS BAY, OREGON	48 36N 122 29W
10097 BRADSHAW 1961	AMMON1A	BECCARII TEPIDA		43 24N 124 14W
10098 BERGEN O'NEIL 1979 10099 BERGEN O'NEIL 1979	AMMOS CALARIA AMMOS CALARIA	PSEUDOSPIRAL IS	GULF OF ALASKA GULF OF ALASKA	S9 30N 142 55W 59 25N 145 25W
10100 T000 LOW 1967	AMMOTIUM	PSEUDOSPIRAL IS CASSIS	EXCURSION, ALASKA	58 25N 135 30W
10101 TOOD LOW 1967 10102 COCKBAIN 1963	AMMOTIUM	CASSIS	LYNN CANAL, ALASKA	58 40N 135 00W 50 00N 125 07W
10103 BERGEN O'NEIL 1979	MUITOMMA	PLANISSIMUM PLANISSIMUM	BRITISH COLUMBIA GULF OF ALASKA	59 30N 145 20W
10104 BERGEN O'NEIL 1979	MULTOMMA	PLANISS I MUM	GULF OF ALASKA	S9 25N 145 25W 59 30N 142 55W
10105 BERGEN O'NEIL 1979 10106 COCKBAIN 1963	MUITOMMA	PLANISSIMUM PLANISSIMUM	GULF OF ALASKA BRITISH COLUMBIA	48 20N 123 00W
10107 COCKBAIN 1963	AMMOTIUM	PLANISSIMUM	BRITISH COLUMBIA	48 35N 122 51W
10108 COCKBAIN 1963 10109 COCKBAIN 1963	AMMOTIUM	PLANISSIMUM	BRITISH COLUMBIA BRITISH COLUMBIA	48 14N 123 30W 49 00N 123 15W
10110 COCKBAIN 1963	AMMOTIUM AMUTIUM	PLANISSIMUM PLANISSIMUM	BRITISH COLUMBIA	48 45N 123 00W
10111 COCKBAIN 1963	AMMOTIUM	PLANISSIMUM	BRITISH COLUMBIA	49 15N 123 30W
10112 COCKBAIN 1963 10113 PHLEGER 1967	AMMOTIUM AMMOTIUM	PLANISSIMUM SALSUM	BRITISH COLUMBIA COOS, BAY, OREGON	49 40N 124 45W 43 25N 124 08W
10114 PHLEGER 1967	AMMOTIUM	SALSUM	FRASER R. B.C.	49 05N 123 06W
10115 JONES ROSS 1979 10116 PHLEGER 1967	MUITOMMA	SALSUM	SAMISH BAY, WASH. GRAY'S HARBOUR, WASH.	48 35N 122 28W 47 00N 124 08W
10117 SCOTT 1974	AMMOTIUM AMMOTIUM	S AL SUM S AL SUM	SAMISH-PADILLA BAYS	48 36N 122 29W
10118 LANKFORD PHLEGER 1973	ANGULODISCORBIS	CHARLOTTENS!S	DEPOE BAY, OREGON	44 47N 124 05W
10119 LANKFORD PHLEGER 1973 10120 CUSHMAN MCCULLOCH 1948	ANGULODISCORBIS ANGULOGERINA	CHARLOTTENS 1 S ANGULOSA	CRESCENT CITY, CALIF. OFF ALASKA	41 45N 124 13W 56 28N 132 23W
10121 CUSHMAN MCCULLOCH 1948	ANGULOGERINA	ANGULOSA	KETCHIKAN, ALASKA	5 S 21 N 131 39 W
10122 COCKBAIN 1963	ANGULOGERINA	ANGULOSA	BRITISH COLUMBIA	48 45N 123 00W
10123 COCKBAIN 1963 10124 COCKBAIN 1963	ANGULOGERINA ANGULOGERINA	ANGULOS A ANGULOS A	BRITISH COLUMBIA BRITISH COLUMBIA	49 00N 123 15W 48 20N 123 00W
10125 COCKBAIN 1963	ANGULOGERINA	ANGULOSA	BRITISH COLUMBIA	48 20N 124 10W
10126 COCKBAIN 1963 10127 SMITH 1973	ANGULOGERINA ANGULOGERINA	ANGULOS A ANGULOS A	BRITISH COLUMBIA BRITISH COLUMBIA OFF ALASKA PENINSULA	48 14N 123 30W 54 55N 157 59W
10128 CUSHMAN MCCULLOCH 1948	ANGULOGERINA	FLUENS	OFF ALASKA	56 28N 132 23W
10129 CUSHMAN MCCULLOCH 1948	ANGULOGERINA	FLUENS	KETCHIKAN, ALASKA Gambier bay, Alaska Kasaan bay, Alaska	55 21N 131 39W
10130 TODD LOW 1967 10131 TODD LOW 1967	ANGULOGERINA ANGULOGERINA	FLUENS FLUENS	KASAAN BAY, ALASKA	57 20N 134 02W 55 26N 132 14W
10132 TODO LOW 1967	ANGULOGER1NA	FLUENS	TAKU HARBOUR, ALASKA	58 D2N 134 OOW
10133 TOOD LOW 1967 10134 TOOD LOW 1967	ANGULOGERINA ANGULOGERINA	FLUENS FLUENS	EXCURSION, ALASKA GULF OF ALASKA	58 25N 135 30W 59 32N 142 36W
10135 DETLING 1958	ANGULOGERINA	FLUENS	SUNSET BAY, OREGON	43 21N 124 20W
10136 CUSHMAN TOOD 1947 10137 COOPER 1961	ANGULOGER1NA ANGULOGER1NA	HUGHESI HUGHESI	WASHINGTON COAST OREGON COAST	48 32N 123 10W 43 07N 124 26W
10138 COCKBAIN 1963	ANGULOGERINA	SEMITRIGONA	BRITISH COLUMBIA	48 4SN 123 00W
10139 COCKBAIN 1963	ANGULO GERINA	SEMITRIGONA	BRITISH COLUMBIA	49 00N 123 15W
10140 COCKBAIN 1963 10141 COCKBAIN 1963	ANGULOGERINA ANGULOGERINA	S EM I T R I GONA S EM I T R I GONA	BRITISH COLUMBIA British Columbia	48 14N 123 30W 48 20N 123 00W
10142 CUSHMAN TODO 1947	ANGULOGERINA	S EM I TR I GONA	WASHINGTON COAST	48 33N 123 00W
10143 CUSHMAN TODD 1947 10144 CUSHMAN TOOD 1947	ANGULOGERINA ANGULOGERINA	S EM I TR I GONA S EM I TR I GONA	WASHINGTON COAST WASHINGTON COAST	48 32N 123 10W 47 48N 122 43W
10145 CUSHMAN 1915	ANOMALINA	ARIMINENSIS	OFF WASHINGTON	45 30N 124 52W
10146 NATLAND 1933 10147 BERGEN O'NEIL 1979	ANOMAL I NA	SCHMITTI	CRESCENT CITY, CALIF.	
10148 BERGEN O'NEIL 1979	ASTACOLUS ASTACOLUS	H YA LACRULUS H YA LACRULUS	GULF OF ALASKA GULF OF ALASKA	59 42N 144 10W 56 2SN 152 45W
10149 BERGEN O'NEIL 1979	ASTACOLUS	PLANULATUS	GULF OF ALASKA	58 35N 138 15W
10150 TOOD LOW 1967 10151 TOOD LOW 1967	A STACOLUS A STRONON JON	PLANULATUS Gallowayi	GULF OF ALASKA GULF OF ALASKA	S9 32N 142 36W S9 32N 142 36W
10152 TODD LOW 1967	ASTRONON1ON	G AL LOWAYI	EXCURSION, ALASKA	58 25N 135 30W
10153 TODD LOW 1967 10154 TODD LOW 1967	A STRONONION ASTRONONION	G A L L OWA Y I G A L L OWA Y I	EXCURSION, ALASKA TAKU HARBOUR, ALASKA GAMBIER BAY, ALASKA	58 02N 134 00W 57 20N 134 02W
10155 BERGEN O'NEIL 1979	ASTRONONION	GALLOWAYI	GULF OF ALASKA	59 45N 144 55W
10156 BERGEN O'NEIL 1979	ASTRONONION	GALLOWAYI	GULF OF ALASKA	59 4SN 146 00W
10157 BERGEN O'NEIL 1979 10158 BERGEN O'NEIL 1979	ASTRONONION ASTRONONION	GALLOWAYI GALLOWAYI	GULF OF ALASKA GULF OF ALASKA	59 42N 144 10W 59 35N 143 00W
10159 BERGEN O'NEIL 1979	ASTRONONION	G AL LOWA Y I	GULF OF ALASKA	S9 55N 142 25W
10160 BERGEN O'NEIL 1979	A STRONON ION ASTRONON ION	GALLOWAYI GALLOWAYI	GULF OF ALASKA GULF OF ALASKA	56 30N 152 40W 59 35N 146 30W
10161 BERGEN O'NEIL 1979 10162 BERGEN O'NEIL 1979	ASTRONONION	GALLOWAYI	GULF OF ALASKA	58 35N 139 15W
10163 DETLING 1958	ASTRONONION	GALLOWAYI	SUNSET BAY, OREGON	43 21N 124 20W
10164 COCKBAIN 1963 10165 COCKBAIN 1963	ASTRONONION ASTRONONION	G AL L OWA Y I G AL L OWA Y I	BRITISH COLUMBIA BRITISH COLUMBIA	48 20N 123 00W 48 45N 123 00W
10166 COCKBAIN 1963	ASTRONONION	GALLOWAYI	BRITISH COLUMBIA	48 14N 123 30W
10167 BERGEN O'NEIL 1979 10168 BERGEN O'NEIL 1979	A STRONON ION A STRONON ION	G AL LOWA Y I G AL LOWA Y I	GULF OF ALASKA GULF OF ALASKA	59 30N 145 20W 59 25N 145 25W
10168 BERGEN O'NEIL 1979	ASTRONONION	GAL LOWAYI	GULF OF ALASKA	59 30N 145 40W
10170 BERGEN O'NEIL 1979	ASTRONONION	GALLOWAYI	GULF OF ALASKA GULF OF ALASKA	59 20N 145 38W
10171 BERGEN O'NEIL 1979 10172 CUSHMAN TOOD 1947	ASTRONONION ASTRONONION	GALLOWAYI STELLATUM	WASHINGTON COAST	58 50N 141 15W 48 32N 123 10W
10173 CUSHMAN EDWARDS 1937	AST RONON ION	VIRAGOENSE	VIRAGO SO., B.C.	54 10N 132 30W
	ASTRONONION BATHYSIPHON	VIRAGOENSE ARENACEA	WASHINGTON COAST OFF OREGON	48 33N 123 00W 43 08N 124 55W
10176 CUSHMAN 1927	BILOCULINA	DEPRESSA	OFF OREGON	43 08N 124 55W
10177 CUSHMAN 1927	BILOCULINA	DEPRESSA	OFF OREGON	43 O2N 124 55W
	BILOCULINA BILOCULINA	LUCERNULA Serrata	OFF OREGON OFF CALIFORNIA	43 58N 124 36W 43 03N 124 52W
10180 TODO LOW 1967	BILOCULINELLA	GLOBULA	GULF OF ALASKA	59 32N 142 36W

Publication  10181 CUSHMAN MCCULLOCH 1942 10182 CUSHMAN MCOULOCH 1942 10183 CUSHMAN MCOULOCH 1947 10184 CUSHMAN TOOD 1947 10185 TOOD LOW 1967 10185 BERGEN O'NEIL 1979 10187 BERGEN O'NEIL 1979 10188 COCKBAIN 1963 10199 COCKBAIN 1963 10191 CUSHMAN TOOD 1947 10192 LANKFORD PHLEGER 1973 10193 BERGEN O'NEIL 1979 10194 BERGEN O'NEIL 1979 10195 BERGEN O'NEIL 1979 10196 BERGEN O'NEIL 1979 10199 BERGEN O'NEIL 1979 10199 BERGEN O'NEIL 1979 10199 BERGEN O'NEIL 1979 10200 BERGEN O'NEIL 1979 10200 BERGEN O'NEIL 1979 10201 BERGEN O'NEIL 1979 10202 BERGEN O'NEIL 1979 10203 BERGEN O'NEIL 1979 10203 BERGEN O'NEIL 1979 10204 BERGEN O'NEIL 1979 10205 BERGEN O'NEIL 1979 10206 BERGEN O'NEIL 1979 10207 SMITH 1973 10208 TOOD LOW 1967 10210 TOOD LOW 1967 10211 TOOD LOW 1967 10211 TOOD LOW 1967 10212 TOOD LOW 1967 10213 TOOD LOW 1967 10214 BERGEN O'NEIL 1979 10215 TOOD LOW 1967 10216 TOOD LOW 1967 10217 TOOD LOW 1967 10218 BERGEN O'NEIL 1979 10220 COCKBAIN 1963 10224 COCKBAIN 1963 10225 COCKBAIN 1963 10226 COCKBAIN 1963 10226 COCKBAIN 1963 10227 BERGEN O'NEIL 1979 10229 BERGEN O'NEIL 1979 10230 BERGEN O'NEIL 1979 10230 BERGEN O'NEIL 1979 10240 BERGEN O'NEIL 1979 10215 TOOD LOW 1967 10216 TOOD LOW 1967 10217 TOOD LOW 1967 10218 BERGEN O'NEIL 1979 10229 BERGEN O'NEIL 1979 10220 COCKBAIN 1963 10224 COCKBAIN 1963 10225 COCKBAIN 1963 10226 COCKBAIN 1963 10226 COCKBAIN 1963 10227 BERGEN O'NEIL 1979 10239 BERGEN O'NEIL 1979 10240 CUSHMAN 1927 10241 CUSHMAN 1927 10245 COCKBAIN 1963 10246 BERGEN O'NEIL 1979 10247 BERGEN O'NEIL 1979 10258 BERGEN O'NEIL 1979 10259 BERGEN O'NEIL 1979 10264 BERGEN O'NEIL 1979 10265 BERGEN O'NEIL 1979 10265 BERGEN O'NEIL 1979 10265 BERGEN O'NEIL 1979 10267 BERGEN O'NEIL 1979 10268 BERGEN O'NEIL 1979 10269 BERGEN O'NEIL 1979 10265 BERGEN O'NEIL 1979 10265 BERGEN O'NEIL 1979 10265 BERGEN O'NEIL 1979 10265 BERGEN O'NEIL 19	Generic Name	Specific Name	Locality	Lat. Long.
10181 CUSHMAN MCCULLOCH 1942 10182 CUSHMAN MCCULLOCH 1942 10183 CUSHMAN TOOD 1947	BOLIVINA BOLIVINA BOLIVINA	ACEROSA PACIFICA ACEROSA PACIFICA	OFF ALASKA KETCHIKAN, ALASKA	56 28N 132 23W 55 21N 131 39W 48 33N 123 00W
10184 CUSHMAN TODO 1947	BOLIVINA	ACEROSA PACIFICA	WASHINGTON COAST	48 32N 123 00W
10185 TODO LOW 1967	BOLIVINA	ALA TA	CLARENCE ST., ALASKA	55 21N 131 58W
10187 BERGEN O'NEIL 1979	BOLIVINA	BARBATA	GULF OF ALASKA	59 DON 141 20W
10188 COCKBAIN 1963	BOLIVINA	COMPACTA	BRITISH COLUMBIA	48 45N 123 00W
10190 COCKBAIN 1963	BOLIVINA	COMPACTA	BRITISH COLUMBIA BRITISH COLUMBIA	49 00N 123 15W
10191 CUSHMAN TODO 1947	BOLIVINA	COMPACTA	WASHINGTON COAST	48 33N 123 00W
10192 LANKFORD PHLEGER 1973 10193 BERGEN O'NEIL 1979	BOLIVINA BOLIVINA	COMPACTA	CRESCENT CITY, CALIF.	41 45N 124 13W 58 50N 141 15W
10194 BERGEN O'NEIL 1979	BOLIVINA	DECUSSATA	GULF OF ALASKA	59 30N 145 20W
10195 BERGEN O'NEIL 1979	BOL IVINA	DECUSSATA	GULF OF ALASKA	59 25N 145 25W
10197 BERGEN O'NEIL 1979	BOLIVINA	DECUSSATA	GULF OF ALASKA	59 30N 142 55W
10198 BERGEN O'NEIL 1979	BOLIVINA	DECUSSATA	GULF OF ALASKA	59 00N 141 20W
10200 BERGEN O'NEIL 1979	BOLIVINA	DECUSSATA	GULF OF ALASKA	59 35N 143 00W
10201 BERGEN O'NEIL 1979	BOLIVINA	DECUSSATA	GULF OF ALASKA	58 35N 138 15W
10202 BERGEN O'NEIL 1979	BOLIVINA	DECUSSATA	GULF OF ALASKA	59 42N 144 10W
10204 BERGEN O'NEIL 1979	BOLIVINA	DECUSSATA	GULF OF ALASKA	59 30N 143 00W
10205 BERGEN O'NEIL 1979	BOLIVINA BOLIVINA	DECUSSATA	GULF OF ALASKA	59 30N 145 40W
10207 SMITH 1973	BOLIVINA	DECUSSATA	OFF ALASKA PENINSULA	54 55N 157 59W
10208 TODD LOW 1967	BOLIVINA BOLIVINA	DECUSSATA	KASAAN BAY, ALASKA	55 26N 132 14W 58 25N 135 30W
10210 TOOD LOW 1967	BOLIVINA	DECUSSATA	TAKU HARBOUR, ALASKA	58 02N 134 00W
10211 TOOD LOW 1967	BOLIVINA	DECUSSATA	GAMBIER BAY ALASKA	57 20N 134 02W
10213 TOOD LOW 1967	BOLIVINA	DECUSSATA	GULF OF ALASKA	59 32N 142 36W
10214 BERGEN O'NEIL 1979	BOLIVINA	MINUTA	GULF OF ALASKA	59 25N 145 25W
10215 TODD LOW 1967	BOLIVINA BOLIVINA	OCE ANICA PACIFICA	GULF OF ALASKA KASAAN BAYA ALASKA	55 26N 132 14W
10217 TODD LOW 1967	BOLIVINA	PACIFICA	GULF OF ALASKA	59 32N 142 36W
10218 BERGEN O'NEIL 1979	BOLIVINA BOLIVINA	PACIFICA	GULF OF ALASKA	59 00N 141 20W
10220 COCKBAIN 1963	BOLIVINA	PACIFICA	BRITISH COLUMBIA	48 20N 123 00W
10221 BERGEN O'NEIL 1979	BOLIVINA	PACIFICA	GULF OF ALASKA	58 50N 141 15W
10223 COCKBAIN 1963	BOLIVINA	PACIFICA	BRITISH COLUMBIA	50 00N 125 07W
10224 COCKBAIN 1963	BOLIVINA	PACIFICA	BRITISH COLUMBIA	49 DON 123 15W
10226 COCKBAIN 1963	BOLIVINA	PACIFICA	BRITISH COLUMBIA	48 20N 124 10W
10227 BERGEN O'NEIL 1979	BOLIVINA	PACIFICA	GULF OF ALASKA	59 30N 142 55W
10229 BERGEN O'NEIL 1979	BOLIVINA	PACIFICA	GULF OF ALASKA	59 30N 143 00W
10230 BERGEN O'NEIL 1979	BOLIVINA	PACIFICA	GULF OF ALASKA	59 20N 145 38W
10231 BERGEN O'NEIL 1979 10232 BERGEN O'NEIL 1979	BOLIVINA BOLIVINA	PACIFICA PACIFICA	GULF OF ALASKA GULF OF ALASKA	58 35N 138 15W 59 35N 143 00W
10233 BERGEN O'NEIL 1979	BOLIVINA	PACIFICA	GULF OF ALASKA	59 45N 144 55W
10234 BERGEN O'NEIL 1979	BOLIVINA BOLIVINA	PACIFICA	GULF OF ALASKA	59 25N 145 25W
10236 CUSHMAN MCCULLOCH 1942	BOLIVINA	PAULA	KETCHIKAN, ALASKA	55 21N 131 39W
10237 TODD LOW 1967	BOLIVINA BOLIVINA	PORRECTA	GULF OF ALASKA	59 32N 142 36W
10239 SMITH 1973	BOL IVI NA	PSEUDOPLICATA	OFF ALASKA PENINSULA	56 23N 154 27W
10240 BERGEN O'NEIL 1979	BOLIVINA	PUNCTATA	GULF OF ALASKA	59 30N 145 40W
10242 CUSHMAN 1927	BOLIVINA	PUNCTATA	OFF OREGON	42 54N 124 48W
10243 COOPER 1961	BOLIVINA	SEMINUDA HUMILIS	OREGON COAST	42 25N 124 26W
10245 BERGEN O'NEIL 1979	BOLIVINA	SPISSA	GULF OF ALASKA	59 30N 145 40W
10246 BERGEN O'NEIL 1979	BOLIVINA	SPISSA	GULF OF ALASKA	59 00N 141 20W
10247 BERGEN O'NEIL 1979	BOLIVINA	SPISSA	GULF OF ALASKA	59 30N 145 20W
10249 BERGEN O'NEIL 1979	BOLIVINA	SPISSA	GULF OF ALASKA	59 30N 142 55W
10250 BERGEN O'NEIL 1979	BOLIVINA	SPISSA	GULF OF ALASKA	59 30N 145 45W
10252 BERGEN O'NEIL 1979	BOLIVINA	SUBADVENA	GULF OF ALASKA	59 00N 141 20W
10253 TOOD LOW 1967	BOLIVINA	SUB AENARIENS IS FRIGIOA	CLARENCE ST. ALASKA	55 21N 131 58W
10255 BERGEN O'NEIL 1979	BUCCELLA	FRIGIDA	GULF OF ALASKA	59 30N 145 20W
10256 BERGEN O'NEIL 1979 10257 SMITH 1973	BUCCELLA BUCCELLA	FRIGIDA FRIGIDA	GULF OF ALASKA KODIAK, ALASKA	59 25N 145 25W 57 49N 152 30W
10258 SCOTT 1974	BUCCELLA	FRIGIDA	SAMISH-PADILLA BAYS	48 36N 122 29W
10259 TODD LOW 1967	BUCCELLA	FRIGIDA	GAMBIER BAY, ALASKA	57 20N 134 02W
10260 TODD LOW 1967 10261 TODD LOW 1967	BUCCELLA BUCCELLA	FRIGIDA FRIGIDA	EXCURSION, ALASKA Kasaan Bay, Alaska	58 25N 135 30W 55 26N 132 14W
10262 TODD LOW 1967	BUCCELLA	FRIGIDA	LYNN CANAL, ALASKA	58 40N 135 00W
10263 TOOD LOW 1967 10264 BERGEN O'NEIL 1979	BUCCELLA BUCCELLA	FRIGIDA FRIGIDA	TAKU HARBOUR, ALASKA GULF OF ALASKA	58 02N 134 00W 56 35N 151 50W
10265 BERGEN O'NEIL 1979	BUCCELLA	FRIGIDA	GULF OF ALASKA	59 42N 144 10W
10266 BERGEN O'NEIL 1979 10267 BERGEN O'NEIL 1979	BUCCELLA BUCCELLA	FRIGIDA FRIGIDA	GULF OF ALASKA GULF OF ALASKA	59 30N 145 40W 58 50N 141 15W
10268 BERGEN O'NEIL 1979	BUCCELLA	FRIGIDA	GULF OF ALASKA	59 30N 143 00W
10269 BERGEN O'NEIL 1979 10270 BERGEN O'NEIL 1979	BUCCELLA	FRIGIDA FRIGIDA	GULF OF ALASKA GULF OF ALASKA	59 45N 146 00W 59 45N 144 55W
10271 BERGEN O'NEIL 1979	BUCCELLA	FRIGIDA	GULF OF ALASKA	59 35N 143 00W
10272 BERGEN O'NEIL 1979 10273 BERGEN O'NEIL 1979	BUCCELLA Buccella	FRIGIDA FRIGIDA	GULF OF ALASKA GULF OF ALASKA	59 55N 145 40W 59 50N 145 47W
10274 BERGEN O'NEIL 1979	BUCCELLA	FRIGIDA	GULF OF ALASKA	58 30N 139 00W
10275 BERGEN O'NEIL 1979	BUCCELLA	FRIGIDA	GULF OF ALASKA	59 55N 142 25W

Publication	Generic Name	Specific Name	Locality	Lat. Long.
10276 BERGEN O'NEIL 1979 10277 BERGEN O'NEIL 1979 10278 ECHOLS 1969 10279 ECHOLS 1969 10280 ECHOLS 1969 10281 JONES ROSS 1979 10282 BERGEN O'NEIL 1979 10283 OEILING 1958 10284 SMITH 1973 10285 BERGEN O'NEIL 1979 10285 BERGEN O'NEIL 1979 10286 BERGEN O'NEIL 1979 10287 BERGEN O'NEIL 1979 10288 COPER 1961 10290 COOPER 1961 10290 COOPER 1961 10291 COOPER 1961 10292 COOPER 1961 10293 COOPER 1961	BUCCELLA	FRIGIDA	GULF OF ALASKA GULF OF ALASKA WASHINGTON COAST WASHINGTON COAST WASHINGTON COAST SAMISH BAY, WASH, GULF OF ALASKA GULF OF ALAS	56 30N 152 40W
10278 ECHOLS 1969	BUCCELLA	FRIGIDA FRIGIDA	GULF OF ALASKA WASHINGTON COAST	47 30N 124 20W
10279 ECHOLS 1969	BUCCELLA	FRIGIDA	WASHINGTON COAST	48 20N 124 42W
10281 JONES ROSS 1979	BUCCELLA	FRIGIDA FRIGIDA	WASHINGTON COAST	47 00N 124 10W 48 35N 122 28W
10282 BERGEN O'NEIL 1979	BUCCELLA	FRIGIDA	GULF OF ALASKA	59 56N 144 25W
10283 DEILING 1958 10284 SMITH 1973	BUCCELLA	I NU SITATA I NU SITATA	SUNSET BAY, OREGON	43 21N 124 20W 57 49N 152 30W
10285 BERGEN O'NEIL 1979	BUCCELLA	INUSITATA	GULF OF ALASKA	56 35N 151 50W
10287 BERGEN O'NEIL 1979	BUCCELLA	I NU SITATA I NU SITATA	GULF OF ALASKA	59 55N 143 UUW 59 56N 144 25W
10288 COOPER 1961	BUCCELLA	TENERRIMA	OREGON COAST	42 25N 124 26W
10290 COOPER 1961	BUCCELLA	T E N E R R I MA T E N E R R I MA	DREGON COAST	45 36N 123 37W
10291 COOPER 1961	BUCCELLA	TENERRIMA	OREGON COAST	44 02N 124 08W
10293 COOPER 1961	BUCCELLA	T EN ERR I MA T EN ERR I MA	OREGON CDAST	43 U/N 124 20W
10294 ECHOLS 1969	BUCCELLA	TENERRIMA	WASHINGTON COAST	48 20N 124 42W
10295 ELMOLS 1969	BUCCELLA	T EN ERRIMA T EN ERRIMA	WASHINGTON COAST WASHINGTON COAST	47 00N 124 10W
10297 LANKFORD PHLEGER 1973	BULLELLA	TENERRIMA	DEPOE BAY, OREGON	44 47N 124 05W
10298 LANKFORD PHLEGER 1973 10299 LANKFORD PHLEGER 1973	BUCCELLA Buccella	T EN ERRIMA T EN ERRIMA	CRESCENT CITY, CALIF.	41 45N 124 15W
10300 CUSHMAN 1927	BULIMINA	AFFINIS	OFF OREGON	43 00N 125 07W
10301 SMITH 1973 10302 Cushman tood 1947	BULIFILNA	AURICULATA AURICULATA	OFF ALASKA PENINSULA WASHINGTON COAST	53 53N 161 4UW 48 33N 123 00W
10303 BERGEN O'NEIL 1979	BUL IMI NA	BARBATA	GULF OF ALASKA	59 30N 145 20W
10304 BERGEN O'NEIL 1979 10305 BERGEN O'NEIL 1979	BULIMINA BULIMINA	8 AR BATA BARBATA	GULF OF ALASKA	59 20N 14S 38W
10306 BERGEN O'NEIL 1979	BULIMINA	BARBATA	GULF OF ALASKA	59 30N 145 45W
10307 BERGEN O'NEIL 1979 10308 BERGEN O'NEIL 1979	BULIMINA BULIMINA	BARBATA BARBATA	GULF OF ALASKA	58 50N 141 15W
10309 CUSHMAN 1927	BULIMINA	INFLATA	OFF OREGON	43 12N 125 01W
10310 SMITH 1973 10311 BERGEN O'NEIL 1979	BULIMINA	MEXICANA MEXICANA	OFF ALASKA PENINSULA	53 53N 161 40W
10312 BERGEN O'NEIL 1979	BULIMINA	MEXICANA MEXICANA	GULF OF ALASKA	59 30N 145 40W
10313 BERGEN O'NEIL 1979 10314 BERGEN O'NEIL 1979	BUL IMINA	M EX I CANA	GULF OF ALASKA	59 30N 143 00W
10315 BERGEN O'NEIL 1979	BULIMINA	M EX 1 CANA M EX 1 CANA M EX 1 CANA	GULF OF ALASKA	59 25N 145 25W
10316 BERGEN O'NEIL 1979 10317 CUSHMAN 1927	BUL IMINA	MEXICANA OVATA	GULF OF ALASKA	59 30N 145 20W
10318 CUSHMAN 1927	BUL IMINA	OVATA	OFF OREGON	43 06N 125 08W
10319 CUSHMAN 1927 10320 CUSHMAN 1927	BUL IMINA	O VA TA O VA TA	LAPUSH. WASHINGTON OFF ALASKA PENINSULA WASHINGTON COAST GULF OF ALASKA OFF OREGON OFF ALASKA GULF OF ALASKA GU	43 00N 125 07W
10321 CUSHMAN 1927	BULIMINA	OVATA	OFF OREGON	43 12N 12S 01W
10322 CUSHMAN 1927 10323 CUSHMAN 1927	BUL IMINA	O VATA O VATA	OFF OREGON	42 55N 124 45W
10324 CUSHMAN 1927	BULIMINA	OVULA	OFF OREGON	43 08N 124 55W
10325 CUSHMAN 1927 10326 CUSHMAN 1927	BUL IMINA	O VU LA D VU LA	OFF OREGON	43 06N 125 08W
10327 CUSHMAN 1927		OVULA	OFF OREGON DFF OREGON JOHNSTONE STRAIT, B.C. GULF OF ALASKA	43 02N 125 00W
10328 WHITEAVES 1886 10329 BERGEN O'NEIL 1979	BUL IMINA	PYRULA ROSTRATA	JOHNSTONE STRAIT, B.C.	50 30N 126 05W
10330 BERGEN O'NEIL 1979	BUL IMI NA	ROSTRATA	GOLL OL WENZKH	59 30N 145 20W
10331 BERGEN O'NEIL 1979 10332 BERGEN O'NEIL 1979	BUL IMINA	S UB A C UM 1 NATA S UB A C UM I NATA	GULF OF ALASKA	59 30N 145 40W 59 00N 141 20W
10333 BERGEN O'NEIL 1979	BUL IMINA	S UB AC UM I NATA	GULF OF ALASKA	59 30N 141 20W
10334 BERGEN O'NEIL 1979 10335 BERGEN O'NEIL 1979	BUL IMINA	S UB AC UM IN A T A S UB AC UM IN A T A	GULF OF ALASKA	59 30N 145 45W 58 50N 141 15W
10336 BERGEN O'NEIL 1979	BUL IMI NA BUL IMI NA BUL IMI NA BUL IMI NELLA	SUBACUMINATA	GULF OF ALASKA	59 30N 145 20W
10337 BERGEN O'NEIL 1979 10338 SMITH 1973	BUL IMINA	S UB AC UMINATA B AS I C O S T A T A	GULF OF ALASKA GULF OF ALASKA DFF ALASKA PENINSULA GULF OF ALASKA	59 25N 145 25W 56 23N 154 27W
10339 BERGEN O'NEIL 1979	BULIMINELLA	ELEGANTISSIMA	GULF OF ALASKA	59 30N 145 40W
107/4 OFBCEN AINES 1070	CHI IMINELLA			
10342 BERGEN O'NEIL 1979	BULIMINELLA	ELEGANTISSIMA	GULF OF ALASKA	59 42N 144 10W
10343 BERGEN O'NEIL 1979 10344 BERGEN O'NEIL 1979	BULIMINELLA	E LE GANTISSIMA E LE GANTISSIMA	GULF OF ALASKA	59 45N 144 55W
10345 COCKBAIN 1963	BULIMINELLA	E LE GANTISSIMA	GULF OF ALASKA BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA	48 20N 124 10W
10346 COCKBAIN 1963 10347 COCKBAIN 1963	BUL 1MINELLA	ELE GANT ISSIMA ELE GANT ISSIMA	BRITISH COLUMBIA	48 14N 123 30W
10348 COCKBAIN 1963		ELEGANTISSIMA		48 45N 123 00W
10349 COOPER 1961	BULIMINELLA BULIMINELLA	ELEGANTISSIMA ELEGANTISSIMA	OREGON COAST OREGON COAST	44 O2N 124 O8W 43 O7N 124 26W
10350 COOPER 1961 10351 COOPER 1961	BULIMINELLA	ELEGANT ISSIMA	CALIFORNIA COAST	41 14N 124 07W
10352 CUSHMAN 1925	BUL 1M [NELL A	ELEGANTISSIMA ELEGANTISSIMA	VIRAGO SD., B.C. EXCURSION, ALASKA	54 10N 132 30W
10353 TOOD LOW 1967 10354 TODD LOW 1967	BULIMINELLA BULIMINELLA	ELEGANTISSIMA	LYNN CANAL, ALASKA	58 2SN 135 30W 58 40N 135 DOW
10355 CUSHMAN MCCULLOCH 1948	BULIMINELLA	ELEGANTISSIMA ELEGANTISSIMA	OFF ALASKA OFF ALASKA	60 35N 145 44W
10356 CUSHMAN MCCULLOCH 1948 10357 CUSHMAN MCCULLOCH 1948	BULIMINELLA BULIMINELLA	E LE GANT ISSIMA	KETCHIKAN, ALASKA	56 28N 132 23W 55 21N 131 39W
10358 ECHOLS 1969	BULIMINELLA	ELEGANTISSIMA ELEGANTISSIMA	WASHINGTON COAST WASHINGTON COAST	48 20N 124 42W 47 30N 124 20W
10359 ECHOLS 1969 10360 ECHOLS 1969	BULIMINELLA	E LE GANTISSIMA	WASHINGTON COAST	47 00N 124 10W
10361 DETLING 1958	BULIMINELLA	ELEGANTISSIMA ELEGANTISSIMA	SUNSET BAY, OREGON GULF OF ALASKA	43 21N 124 20W
10362 BERGEN O'NEIL 1979 10363 LANKFORD PHLEGER 1973	BULIMINELLA	E L E G A N T 1 S S 1 M A	DEPOE BAY, OREGON	59 56N 144 25W 44 47N 124 05W
10364 LANKFORD PHLEGER 1973	BULIMINELLA	ELEGANTISSIMA	CRESCENT CITY, CALIF.	41 45N 124 13W
10365 LANKFORO PHLEGER 1973 10366 PHLEGER 1967	BULIMINELLA BULIMINELLA	ELEGANTISSIMA ELEGANTISSIMA	LAPUSH, WASHINGTON GRAY'S HARBOUR, WASH.	47 55N 127 39W 47 00N 124 08W
10367 SMITH 1973	BULIMINELLA	ELEGANTISSIMA	KODIAK, ALASKA	57 49N 152 30W
10368 CUSHMAN TODD 1947 10369 CUSHMAN TOOD 1947	BULIMINELLA BULIMINELLA	ELEGANTISSIMA ELEGANTISSIMA	WASHINGTON COAST WASHINGTON COAST	48 32N 123 10W 48 33N 123 00W
10370 CUSHMAN MCCULLOCH 1948	BULIMINELLA	ELEGANTISSIMA LIMBOSA	OFF CALIFORNIA	41 42N 124 13W

Publication	Generic Name	Specific Name	· · · · · · · · · · · · · · · · · · ·	
10371 TODD LOW 1967 10372 TODD LOW 1967 10373 CUSHMAN 1927 10374 CUSHMAN 1927	BULIMINELLA BULIMINELLA BULIMINELLA BULIMINELLA	SUBFUSIFORMIS SUBFUSIFORMIS SUBFUSIFORMIS TENUATA SUBFUSIFORMIS TENUATA	CLARENCE ST., ALASKA GULF OF ALASKA OFF OREGON OFF OREGON	55 21N 131 58W 59 32N 142 36W 43 06N 125 08W 43 08N 124 59W 43 12N 125 01W
10375 CUSHMAN 1927 10376 CUSHMAN 1927 10377 BERGEN O'NEIL 1979	BULIMINELLA BULIMINELLA BULIMINELLA BULIMINELLA	SUB FUSIFORMIS TENUATA SUB FUSIFORMIS TENUATA SUB FUSIFORMIS TENUATA TENUATA	OFF OREGON	
TOST DER GEN O NEIL TITT	BULIMINELLA BULIMINELLA BULIMINELLA	TENUATA	GULF OF ALASKA GULF OF ALASKA GULF OF ALASKA GULF OF ALASKA	59 35N 143 00W 59 30N 145 45W 59 30N 142 55W 59 25N 145 25W 59 30N 145 20W
10381 BERGEN O'NEIL 1979	BULIMINELLA BULIMINELLA BULIMINELLA	TENUATA TENUATA TENUATA	GULF OF ALASKA GULF OF ALASKA GULF OF ALASKA	59 30N 145 20W 59 30N 145 20W 59 00N 141 20W
10383 BERGEN O'NEIL 1979 10384 BERGEN O'NEIL 1979	BUL IMINELLA BUL IMINELLA	T EN UATA T EN UATA	GULF OF ALASKA GULF OF ALASKA	59 30N 145 40W 59 30N 143 00W
10386 CUSHMAN TODD 1947 10387 BERGEN O'NEIL 1979	CASSIDULINA CASSIDULINA CASSIDULINA	C AL I FOR NI CA C AL I FOR NI CA C AL I FOR NI CA	WASHINGTON COAST GULF OF ALASKA	48 32N 123 10W 56 40N 151 55W
10388 TDDD LOW 1967 10389 BERGEN O'NEIL 1979 10390 BERGEN O'NEIL 1979	CASSIDULINA CASSIDULINA CASSIDULINA	C AL I FORNI CA C AL I FORNI CA C AL I FORNI CA	KASAAN BAYA ALASKA GULF OF ALASKA GULF OF ALASKA	55 26N 132 14W 56 25N 152 45W 56 3DN 152 40W
10391 TODD LOW 1967 10392 TODD LOW 1967	CASSIDULINA CASSIDULINA	C AL I FORNI CA C AL I FORNI CA	EXCURSION, ALASKA TAKU HARBOUR, ALASKA	58 25N 135 30W 58 02N 134 00W
10394 TODD LOW 1967	CASSIDULINA CASSIDULINA CASSIDULINA	CALIFORNICA CALIFORNICA CALIFORNICA	GULF OF ALASKA GULF OF ALASKA	59 32N 142 36W 59 35N 143 00W
10396 BERGEN O'NEIL 1979 10397 BERGEN O'NEIL 1979	CASSIDULINA CASSIDULINA	CALIFORNICA CALIFORNICA CALIFORNICA	GULF OF ALASKA	59 42N 144 10W 58 35N 139 15W 58 30N 139 00W
10399 BERGEN O'NEIL 1979 10400 BERGEN O'NEIL 1979	CASSIDULINA CASSIDULINA	CALIFORNICA CALIFORNICA	GULF OF ALASKA GULF OF ALASKA	59 55N 142 25W 59 45N 144 55W
10401 BERGEN O'NEIL 1979 10402 BERGEN O'NEIL 1979 10403 BERGEN O'NEIL 1979	CASSIDULINA CASSIDULINA CASSIDULINA	C AL IFORNICA C AL IFORNICA C AL IFORNICA	GULF OF ALASKA GULF OF ALASKA GULF OF ALASKA	56 35N 151 5UW 59 55N 145 40W 59 45N 146 00W
10404 BERGEN O'NEIL 1979 10405 BERGEN O'NEIL 1979	CASSIDULINA CASSIDULINA CASSIDULINA CASSIDULINA	CALIFORNICA CALIFORNICA CALIFORNICA	GULF OF ALASKA GULF OF ALASKA	59 35N 146 30W 59 30N 145 20W
10400 BERGEN O NEIL 1777	CASSIDULINA CASSIDULINA CASSIDULINA	CALIFORNICA CALIFORNICA	GULF OF ALASKA GULF OF ALASKA	59 30N 143 00W 59 30N 145 40W
10409 COCKBAIN 1963 10410 COCKBAIN 1963	CASSIDULINA CASSIDULINA CASSIDULINA	C AL I FORNICA C AL I FORNICA C AL I FORNICA	BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA	48 45N 123 DOW 48 20N 123 OOW 48 14N 123 30W
10412 CUSHMAN 1925 10413 CUSHMAN 1925	CASSIDUL INA Cassidul ina	CALIFORNICA CHARLOTTENSIS	Q. CHARLOTTE SD., B.C. Q. CHARLOTTE SD., B.C.	52 20N 131 00W 52 20N 131 00W
10415 SMITH 1973 10416 BERGEN O'NEIL 1979	CASSIDULINA CASSIDULINA CASSIDULINA	CRASSA CRASSA CUSHMANI	OFF ALASKA PENINSULA GULF OF ALASKA	52 41N 155 36W 59 25N 145 25W
10417 BERGEN O'NEIL 1979 10418 BERGEN O'NEIL 1979 10419 BERGEN O'NEIL 1979	CASSIDUL INA CASSIDUL INA CASSIDUL INA	C US HMAN I C US HMAN I C US HMAN I	GULF OF ALASKA GULF OF ALASKA GULF OF ALASKA	58 50N 141 15W 59 30N 145 20W 59 30N 143 00W
10420 BERGEN O'NEIL 1979 10421 BERGEN O'NEIL 1979	CASSIDULINA CASSIDULINA	CUS HMAN I	GULF OF ALASKA	59 30N 145 40W 59 20N 145 38W
10423 BERGEN O'NEIL 1979 10424 BERGEN O'NEIL 1979	CASSIDULINA CASSIDULINA CASSIDULINA	CUSHMANI CUSHMAN1 CUSHMAN1	GULF OF ALASKA GULF OF ALASKA	59 30N 142 55W 59 30N 145 45W
10426 BERGEN O'NEIL 1979	CASSIDULINA	D EL I CATA D EL I CATA D EL I CATA	GULF OF ALASKA GULF OF ALASKA GULF OF ALASKA	59 45N 144 55W 59 56N 144 25W 59 35N 143 00W
10428 CUSHMAN 1927 10429 COCKBAIN 1963	CASSIDULINA CASSIDULINA	DELICATA DEPRESSA	OFF OREGON BRITISH COLUMBIA	43 08N 124 55W 48 20N 123 00W
10432 TODD LOW 1967	CASSIDULINA CASSIDULINA CASSIDULINA	DEPRESSA I SLANDICA I SLANDICA	CLARENCE ST., ALASKA EXCURSION, ALASKA	55 21N 131 58W 58 25N 135 30W
10433 TODD LOW 1967	CASSIDUL INA CASSIDUL INA CASSIDUL INA	I SL AND I CA I SL AND I CA I SL AND I CA	LYNN CANAL, ALASKA GULF OF ALASKA GULF OF ALASKA	58 40N 135 00W 59 56N 144 25W 59 25N 145 25W
10436 BERGEN O'NEIL 1979 10437 BERGEN O'NEIL 1979	CASSIDULINA CASSIDULINA	1 SL AND I CA I SL AND I CA	GULF OF ALASKA ASANINGTON COAST GULF OF ALASKA KASAAN BAY, ALASKA GULF OF ALASKA	59 30N 145 20W 59 30N 145 45W
10439 BERGEN O'NEIL 1979 10440 BERGEN O'NEIL 1979	CASSIDULINA	ISLANDICA ISLANDICA ISLANDICA	GULF OF ALASKA GULF OF ALASKA	59 00N 141 20W 59 00N 141 20W 59 30N 143 00W
10441 BERGEN O'NEIL 1979	CASSIDULINA CASSIDULINA CASSIDULINA	I SL ANDICA I SL ANDICA I SL ANDICA	GULF OF ALASKA GULF OF ALASKA GULF OF ALASKA	58 50N 141 15W 59 55N 142 25W 59 45N 144 55W
10444 BERGEN O'NEIL 1979 10445 BERGEN O'NEIL 1979	CASSIDUL INA CASSIDUL INA	I SE MINUTEN	GOL! O! WENDER	J7 42N 144 10W
10447 COCKBAIN 1963	CASSIDULINA CASSIDULINA CASSIDULINA	I SL AND I CA L IM BATA L IM BATA	GULF OF ALASKA BRITISH COLUMBIA OREGON COAST	59 35N 143 00W 49 00N 123 15W 45 36N 123 57W
10450 COCKBAIN 1963	CASSIDUL INA CASSIDUL INA CASSIDUL INA	LIMBATA LIMBATA LIMBATA	CALIFORNIA COAST BRITISH COLUMBIA BRITISH COLUMBIA	41 36N 124 13W 50 00N 125 07W 49 15N 123 30W
10452 COCKBAIN 1963 10453 COCKBAIN 1963	CASSIDUL INA CASSIDUL INA	L IMBATA L IMBATA	BRITISH COLUMBIA BRITISH COLUMBIA	48 14N 123 30W 48 20N 124 10W
10456 CUSHMAN TODD 1947	CASSIDULINA CASSIDULINA CASSIDULINA	LIMBATA LIMBATA LIMBATA	BRITISH COLUMBIA BRITISH COLUMBIA WASHINGTON COAST	48 20N 123 00W 48 45N 123 00W 47 41N 124 28W
10457 CUSHMAN TODD 1947 10458 CUSHMAN TODD 1947	CASSIDULINA CASSIDULINA CASSIDULINA	LIMBATA LIMBATA LIMBATA	WASHINGTON COAST WASHINGTON COAST GULF OF ALASKA	48 16N 122 47W 47 40N 122 25W 59 32N 142 36W
10460 TODD LOW 1967 10461 TODD LOW 1967	CASSIDULINA CASSIDULINA	L IMBATA L IMBATA	GAMBIER BAY, ALASKA Taku harbour, alaska	57 20N 134 02W 58 02N 134 00W
10463 DETLING 1958	CASSIDULINA CASSIDULINA CASSIDULINA	LIMBATA LIMBATA LIMBATA	EXCURSION, ALASKA SUNSET BAY, OREGON GULF OF ALASKA	58 25N 135 30W 43 21N 124 20W 56 25N 152 45W
10465 BERGEN O'NEIL 1979	CASSIDULINA	LIMBATA	GULF OF ALASKA	56 30N 152 40W

Publication  10466 BERGEN O'NEIL 1979 10467 BERGEN O'NEIL 1979 10469 BERGEN O'NEIL 1979 10469 BERGEN O'NEIL 1979 10470 BERGEN O'NEIL 1979 10471 BERGEN O'NEIL 1979 10472 BERGEN O'NEIL 1979 10473 BERGEN O'NEIL 1979 10473 BERGEN O'NEIL 1979 10474 BERGEN O'NEIL 1979 10475 BERGEN O'NEIL 1979 10476 BERGEN O'NEIL 1979 10476 BERGEN O'NEIL 1979 10476 BERGEN O'NEIL 1979 10476 BERGEN O'NEIL 1979 10477 CUSHMAN TODO 1947 10479 CUSHMAN TODO 1947 10480 BERGEN O'NEIL 1979 10481 BERGEN O'NEIL 1979 10483 ECHOLS 1969 10485 TODO LOW 1967 10486 BERGEN O'NEIL 1979 10487 BERGEN O'NEIL 1979 10488 COCKBAIN 1963 10489 TODO LOW 1967 10490 BERGEN O'NEIL 1979 10490 BERGEN O'NEIL 1979 10491 BERGEN O'NEIL 1979 10493 BERGEN O'NEIL 1979 10493 BERGEN O'NEIL 1979 10494 BERGEN O'NEIL 1979 10495 BERGEN O'NEIL 1979 10496 BERGEN O'NEIL 1979 10497 BERGEN O'NEIL 1979 10498 BERGEN O'NEIL 1979 10498 BERGEN O'NEIL 1979 10498 BERGEN O'NEIL 1979 10499 BERGEN O'NEIL 1979 10499 BERGEN O'NEIL 1979 10499 BERGEN O'NEIL 1979 10503 BERGEN O'NEIL 1979 10504 CUSHMAN 1925 10506 BERGEN O'NEIL 1979	Generic Name	Specific Name	GULF OF ALASKA GULF O	Lat. Long.
10466 BERGEN O'NEIL 1979	CASSIDIU INA	LIMBATA	GILLE OF MASKA	59 56N 144 25W
10467 BERGEN O'NEIL 1979	CASSIDULINA	LIMBATA	GULF OF MLASKA	56 35N 152 00W
10468 BERGEN O'NEIL 1979	CASSIDUL INA	LIMBATA	GULF OF ALASKA	56 40N 151 55W
10469 BERGEN O'NEIL 1979	CASSIDULINA	LIMBATA LIMBATA LIMBATA LIMBATA	GULF OF ALASKA	58 3SN 139 15W
10470 BERGEN O'NEIL 1979	CASSIDULINA	LIMBATA	GULF OF ALASKA	59 55N 142 25W
10472 BERGEN O'NET 1979	CASSIDULINA	LIMBATA	GULF OF ALASKA	50 /SN 143 4UW
10473 BERGEN O'NEIL 1979	CASSIDULINA	L IMBATA L IMBATA	GULF OF ALASKA	59 30N 145 40W
10474 BERGEN O'NEIL 1979	CASSIDULINA	LIMBATA	GULF OF ALASKA	59 42N 144 10W
10475 BERGEN O'NEIL 1979	CASSIDULINA	LIMBATA	GULF OF ALASKA	58 30N 139 00W
10476 BERGEN O'NEIL 1979	CASSIDULINA	LIMBATA	GULF OF ALASKA	59 45N 144 55W
10477 BERGEN O'NEIL 1979	CASSIDULINA	LIMBATA	GULF OF ALASKA	59 35N 146 3UW
10479 CUSHMAN TODD 1947	CASSIDULINA	LIMBATA LIMBATA	MASHINGTON COAST	48 32N 123 10W
10480 BERGEN O'NEIL 1979	CASSIDULINA	LOMITENSIS	GULF OF ALASKA	59 00N 141 20W
10481 BERGEN O'NEIL 1979	CASSIDULINA	LOMITENSIS	GULF OF ALASKA	59 30N 143 00W
10482 BERGEN O'NEIL 1979	CASSIDULINA	LOMITENSIS	GULF OF ALASKA	59 30N 145 20W
10483 ECHOLS 1969	CASSIBULINA	MINUTA	WASHINGTON COAST	48 18N 124 43W
10485 TODD LOW 1967	CASSIDULINA	MINUTA NORCROSSI NORCROSSI NORCROSSI NORCROSSI	KASAAN RAYA ALASKA	55 26N 132 14W
10486 BERGEN O'NEIL 1979	CASSIDULINA	N OR CROSS!	GULF OF ALASKA	59 30N 145 45W
10487 BERGEN O'NEIL 1979	CASSIDULINA	N OR CROSSI	GULF OF ALASKA	59 30N 143 00W
10488 COCKBAIN 1963	CASSIDULINA	N OR CROSSI	BRITISH COLUMBIA	49 15N 123 30W
10489 1000 LOW 1967	CASSIDULINA	NORCROSSI	GULF OF ALASKA	59 32N 142 36W
10491 BERGEN O'NEIL 1979	CA221DOFINA	NOR CROSSI NOR CROSSI NOR CROSSI NOR CROSSI NOR CROSSI NOR CROSSI NOR CROSSI NOR CROSSI	GULF OF ALASKA	59 55N 145 4/W
10492 BERGEN O'NEIL 1979	CASSIDULINA	N OR CROSSI	GULF OF ALASKA	59 35N 146 30W
10493 BERGEN O'NEIL 1979	CASSIDULINA	NORCROSSI	GULF OF ALASKA	59 30N 145 40W
10494 BERGEN O'NEIL 1979	CASSIDULINA	N OR CROSSI	GULF OF ALASKA	58 35N 138 15W
10495 BERGEN O'NEIL 1979	CASSIDULINA	NORCROSSI	GULF OF ALASKA	59 45N 144 55W
10470 BERGEN U'NEIL 1979 10497 BERGEN O'NETL 1979	CASSIDULINA	N OR CROSSI N OR CROSSI	GULF OF ALASKA	56 35N 143 UUW
10498 BERGEN O'NEIL 1979	CASSIDULINA	N OR CROSSI	GULF OF ALASKA	59 55N 142 25W
10499 BERGEN O'NEIL 1979	CASSIDULINA	N OR CROSSI PUL CHELLA PUL CHELLA	GULF OF ALASKA	59 45N 146 00W
10500 BERGEN O'NEIL 1979	CASSIDULINA	NORCROSSI	GULF OF ALASKA	59 42N 144 10W
10501 BERGEN O'NEIL 1979	CASSIDULINA	NORCROSSI	GULF OF ALASKA	59 30N 142 55W
10502 BERGEN O'NEIL 1979	CASSIDULINA	N OR CROSSI	GULF OF ALASKA	59 30N 145 20W
10503 BERGEN O NEIL 1777	CASSIDULINA	MONCKO221	UIPAGO SD - R C	54 10N 132 30W
10505 CUSHMAN 1925	CASSIDULINA	PULCHELLA	Q. CHARLOTTE SD B.L.	52 20N 131 00W
10506 BERGEN O'NEIL 1979	CASSIDULINA	SUBCARINATA	GULF OF ALASKA	59 30N 145 45W
10507 BERGEN O'NEIL 1979	CASSIDULINA	SUBCARINATA	GULF OF ALASKA	59 30N 142 55W
10508 BERGEN O'NEIL 1979 10509 BERGEN O'NEIL 1979	CASSIDULINA	SUBCARINATA	GULF OF ALASKA	59 30N 143 00W
10510 BERGEN O'NEIL 1979	CASSIDULINA	S UB CARINATA S UB CARINATA	COLF OF ALASKA	59 UUN 141 ZUW 50 25N 145 25U
10511 BERGEN O'NEIL 1979	CASSIDULINA	SUBGLOBOSA	GULF OF ALASKA	59 30N 145 20W
10512 BERGEN O'NEIL 1979	CASSIDULINA	SUBGLOBOSA	GULF OF ALASKA	59 30N 142 55W
10513 BERGEN O'NEIL 1979	CASSIDULINA	S UB G L 0 8 0S A	GULF OF ALASKA	59 30N 14S 40W
10514 BERGEN O'NEIL 1979	CASSIDULINA	SUBGLOBOSA	GULF OF ALASKA	59 30N 145 45W
10515 BERGEN O'NEIL 1979 10516 BERGEN O'NEIL 1979	CASSIDULINA	S UB G L O B O S A S U B G L O B O S A	GULF OF ALASKA	59 00N 141 20W
10517 SMITH 1973	CASSIDUCINA	S UB GL 08 0S A	OFF ALASKA PENTNSHIA	54 51N 155 24W
10518 TODD LOW 1967	CASSIDULINA	SUBGLOBOSA	GULF OF ALASKA	S9 32N 142 36W
10519 BERGEN O'NEIL 1979	CASSIDULINA	TERETIS	GULF OF ALASKA	56 35N 152 00W
10520 BERGEN O'NEIL 1979	CASSIDULINA	TERETIS	GULF OF ALASKA	S9 56N 141 35W
10521 TODD LOW 1967 10522 TODD LOW 1967	CASSIDULINA	TERETIS Teretis	EXCURSION, ALASKA	58 25N 135 3UW
10523 TODD LOW 1967	CASSIDUCINA	TERETIS	KASAAN BAYA ALASKA	55 26N 132 14W
10524 BERGEN O'NEIL 1979	CASSIDULINA	TERETIS	GULF OF ALASKA	58 35N 138 15W
10525 BERGEN O'NEIL 1979	CASSIDULINA	TERETIS	GULF OF ALASKA	S9 30N 145 40W
10526 BERGEN O'NEIL 1979	CASSIDULINA	TERETIS	GULF OF ALASKA	59 56N 144 25W
10527 BERGEN O'NEIL 1979	CASSIDULINA	TERETIS	GULF OF ALASKA	59 55N 142 25W
10528 BERGEN O'NEIL 1979 10529 SMITH 1973	CASSIDULINA	TERETIS TERETIS	OFF ALASKA PENTNSHIA	54 55N 157 50W
10530 TODD LOW 1967	CASSIDULINA	TERETIS	LYNN CANAL, ALASKA	58 40N 135 00W
10531 LANKFORD PHLEGER 1973	CASSIDULINA CASSIDULINA CASSIDULINA	T OR TUOS A	LAPUSH, WASHINGTON	47 S5N 127 39W
10532 SMITH 1973	CASSIDULINA	TOR TUOSA	OFF ALASKA PENINSULA	54 55N 157 59W
10533 FODD LOW 1967 10534 TODD LOW 1967	CASSIDULINA	TORTUOSA TORTUOSA	CHIE DE ALASKA	50 32N 152 14W
10534 TODD LOW 1967 10535 BERGEN O'NEIL 1979	CASSIDULINA	TORTUOSA	GULF OF ALASKA	59 42N 144 30W
10536 BERGEN O'NEIL 1979	CASSIDULINA	T OR TUOSA	GULF OF ALASKA	58 30N 139 00W
10537 BERGEN O'NEIL 1979	CASSIDULINA CASSIDULINA CASSIDULINA CASSIDULINA CASSIDULINA CASSIDULINA CASSIDULINA CASSIDULINA	TORTUOSA	GULF OF ALASKA	58 35N 139 15W
10538 BERGEN O'NEIL 1979	CASSIDULINA	TORTUOSA	GULF OF ALASKA	59 35N 146 30W
70337 COCKBAIN		TORTUOSA	BRITISH COLUMBIA	48 20N 123 00W
10540 BERGEN O'NEIL 1979 10541 BERGEN O'NEIL 1979	CASSIDULINA CASSIDULINA	T OR TUOS A T OR I UOS A	GULF OF ALASKA GULF OF ALASKA	56 30N 152 40W 56 25N 152 45W
10542 BERGEN O'NEIL 1979	CASSIDULINA	TORTUOSA	GULF OF ALASKA	56 40N 151 55W
10543 CUSHMAN 1925	CASSIDULINA	TORTUOSA	Q. CHARLOTTE SD., B.C.	52 20N 131 00W
10544 COOPER 1961	CASSIDUL INA	TORTUOSA	OREGON COAST	43 07N 124 26W
10545 BERGEN O'NEIL 1979	CASSIDULINA	TRANSLUCENS	GULF OF ALASKA	58 SON 141 15W
10546 BERGEN O'NEIL 1979	CASSIDULINA CASSIDULINA	TRANSLUCENS TRANSLUCENS	GULF OF ALASKA GULF OF ALASKA	59 35N 143 00W 59 30N 143 00W
10547 BERGEN O'NEIL 1979 10548 BERGEN O'NEIL 1979	CASSIDULINA	TRANSLUCENS	GULF OF ALASKA	59 30N 143 00W
10549 BERGEN O'NEIL 1979	CASSIOULINA	TRANSLUCENS	GULF OF ALASKA	59 30N 145 40W
10550 BERGEN O'NEIL 1979	CASSIDULINOIDES	CORNUTA	GULF OF ALASKA	59 25N 145 25W
10551 CUSHMAN 1927	CHILOSTOMELLA	FIMBRIATA	OFF OREGON	43 15N 124 53W
10552 BERGEN O'NEIL 1979	CHILOSTOMELLA CHILOSTOMELLA	FIM ORIATA FIM ORIATA	GULF OF ALASKA OFF OREGON	59 30N 145 20W
10553 CUSHMAN 1927 10554 BERGEN O'NEIL 1979	CHILOSTOMELLA	OOLINA	GULF OF ALASKA	43 12N 125 01W 59 30N 145 40W
10554 BERGEN O'NEIL 1979 10555 BERGEN O'NEIL 1979	CHILOSTOMELLA	OOLINA	GULF OF ALASKA	59 00N 141 20W
10556 BERGEN O'NEIL 1979	CHILOSTOMELLA	O OL I NA	GULF OF ALASKA	59 30N 142 55W
10557 CUSHMAN 1927	CHILOSTOMELLA	OOLINA	OFF OREGON	42 55N 124 45W
10558 CUSHMAN 1927	CHILOSTOMELLA	O OL I NA	OFF OREGON	43 12N 125 01W
10559 BERGEN O'NEIL 1979	CHILOSTOMELLA CHILOSTOMELLA	O OL I NA O OL I NA	GULF OF ALASKA GULF OF ALASKA	59 25N 145 25W 59 30N 143 00W
10560 BERGEN O'NEIL 1979	coo.onccen			>> 20H 143 UUW

Publication  10561 BERGEN O'NEIL 1979 10562 CUSHMAN 1927 10564 BERGEN O'NEIL 1979 10565 SMITH 1973 10566 SMITH 1973 10566 SMITH 1973 10566 SMITH 1973 10567 SMITH 1973 10568 BERGEN O'NEIL 1979 10570 BERGEN O'NEIL 1979 10570 BERGEN O'NEIL 1979 10571 BERGEN O'NEIL 1979 10572 BERGEN O'NEIL 1979 10572 BERGEN O'NEIL 1979 10573 BERGEN O'NEIL 1979 10575 BERGEN O'NEIL 1979 10575 BERGEN O'NEIL 1979 10576 BERGEN O'NEIL 1979 10576 BERGEN O'NEIL 1979 10577 BERGEN O'NEIL 1979 10577 BERGEN O'NEIL 1979 10578 BERGEN O'NEIL 1979 10578 BERGEN O'NEIL 1979 10578 BERGEN O'NEIL 1979 10578 BERGEN O'NEIL 1979 10588 BERGEN O'NEIL 1979 10593 COCKBAIN 1963 10595 COOPER 1961 10597 COOPER 1961 10597 COOPER 1961 10598 BERGEN O'NEIL 1979 10593 COCKBAIN 1963 10600 COCKBAIN 1963 10601 COCKBAIN 1963 10601 COCKBAIN 1963 10602 COCKBAIN 1963 10603 COCKBAIN 1963 10604 COCKBAIN 1963 10606 COCKBAIN 1963 10607 CUSHMAN 1000 1947 10610 CUSHMAN 1000 1947 10611 CUSHMAN 1000 1947 10611 CUSHMAN 1000 1947 10614 CUSHMAN 1000 1947 10615 COCKBAIN 1963 10607 CUSHMAN 1000 1947 10616 COCKBAIN 1963 10607 CUSHMAN 1000 1947 10616 COCKBAIN 1963 10607 CUSHMAN 1000 1947 10616 CUSHMAN 1000 1947 10617 TOOD LOW 1967 10617 TOOD LOW 1967 10618 TOOD LOW 1967 10619 TOOD LOW 1967 10619 TOOD LOW 1967 10619 TOOD LOW 1967 10619 TOOD LOW 1967 10628 BERGEN O'NEIL 1979 10629 BERGEN O'NEIL 1979 10637 BERGEN O'NEIL 1979 10638 BERGEN O'NEIL 1979 1063	Generic Name	Specific Name	GULF OF ALASKA OFF OREGON  GULF OF ALASKA OFF OREGON  GULF OF ALASKA OFF ALASKA OFF ALASKA OFF ALASKA OFF ALASKA OFF ALASKA OULF OF ALASKA GULF OF ALASKA	Lat. Long.
10561 BERGEN O'NEIL 1979 10562 CUSHMAN 1927	CHILOS TOMELLA	O OL I NA	GULF OF ALASKA	59 30N 145 20W 43 08N 124 55W
10563 CUS HMAN 1927	CHILOSTOMELLA	OCLINA	OFF OREGON	43 02N 125 00W
10565 SMITH 1973	CIBICIDES	FIMBRIATA BRADYI	OFF ALASKA PENINSULA	52 41N 155 36W
10566 SMITH 1973	CIBICIDES	BRADYI	NORTH PACIFIC	43 47N 160 36W
10568 BERGEN O'NEIL 1979	CIBICIOES	FLETCHERI	GULF OF ALASKA	59 30N 142 55W
10569 BERGEN O'NEIL 1979 10570 BERGEN O'NEIL 1979	CIBICIDES	FLETCHERI FLETCHERI	GULF OF ALASKA	59 42N 144 10W 59 55N 145 40W
10571 BERGEN O'NEIL 1979	CIBICIDES	FLETCHERI	GULF OF ALASKA	58 30N 139 00W
10572 BERGEN O'NEIL 1979 10573 BERGEN O'NEIL 1979	CIBICIDES	FLETCHERI FLETCHERI	GULF OF ALASKA GULF OF ALASKA	59 35N 143 00W
10574 BERGEN O'NEIL 1979	CIBICIDES	FLETCHERI	GULF OF ALASKA	59 30N 143 00W 59 30N 145 20W
10576 BERGEN O'NEIL 1979	CIBICIDES	FLETCHERI	GULF OF ALASKA	59 00N 141 20W
10577 BERGEN O'NEIL 1979 10578 BERGEN O'NEIL 1979	CIBICIDES	FLETCHERI FLETCHERI	GULF OF ALASKA GULF OF ALASKA	59 30N 147 15W
10579 BERGEN O'NEIL 1979	CIBICIDES	FLETCHERI	GULF OF ALASKA	58 35N 139 15W
10581 COCKBAIN 1963	CIBICIDES	FLETCHERI	BRIIISH COLUMBIA	48 45N 123 00W
10582 COCKBAIN 1963 10583 COCKBAIN 1963	CIBICIDES	FLETCHERI FLETCHERI	BRITISH COLUMBIA BRITISH COLUMBIA	48 20N 123 15W
10584 BERGEN O'NEIL 1979	CIBICIDES	FLETCHERI	GULF OF ALASKA	59 30N 145 40W
10586 ECHOLS 1969	CIBICIDES	FLETCHERI	WASHINGTON COAST	48 18N 124 43W
10587 BERGEN O'NEIL 1979	CIBICIDES	FLETCHERI FLETCHERI	GULF OF ALASKA	56 25N 152 45W 59 56N 144 25W
10589 BERGEN O'NEIL 1979	CIBICIDES	FLETCHERI	GULF OF ALASKA	59 35N 146 30W
10590 BERGEN O'NEIL 1979 10591 BERGEN O'NEIL 1979	CIBICIDES	FLETCHERI Fletcheri	GULF OF ALASKA GULF OF ALASKA	56 30N 152 40W
10592 BERGEN O'NEIL 1979	CIBICIDES	FLETCHERI	GULF OF ALASKA	56 35N 152 00W
10593 COCKBAIN 1963	CIBICIDES	FLETCHERI	BRITISH COLUMBIA	48 20N 124 10W
10595 COOPER 1961	CIBICIDES	FLETCHERI FLETCHERI	OREGON COAST	43 07N 124 26W 42 25N 124 26W
10597 COOPER 1961	CIBICIDES	FLETCHERI	CALIFORNIA COAST	41 36N 124 13W
10598 BERGEN O'NEIL 1979 10599 BERGEN O'NEIL 1979	CIBICIDES	LOBATULUS LOBATULUS	GULF OF ALASKA GULF OF ALASKA	59 55N 143 4UW 59 55N 142 25W
10600 COCKBAIN 1963	C181C10E2	LOBATULUS	BRITISH COLUMBIA	48 14N 123 30W
10602 COCKBAIN 1963	CIBICIDES	LOBATULUS	BRITISH COLUMBIA	48 45N 123 00W
10603 COCKBAIN 1963	CIBICIDES	LOBATULUS LOBATULUS	BRITISH COLUMBIA BRITISH COLUMBIA	49 15N 123 30W 49 00N 123 15W
10605 COCKBAIN 1963	CIBICIDES	LOBATULUS	BRITISH COLUMBIA	48 20N 124 10W
10606 COCKBAIN 1963 10607 CUSHMAN TOOD 1947	CIBICIDES	LOBATULUS	WASHINGTON COAST	47 40N 122 25W
10608 CUSHMAN TODO 1947	CIBICIDES	LOBATULUS	WASHINGTON COAST	48 33N 123 00W 47 41N 124 28W
10610 CUSHMAN TODD 1947	CIBICIDES	LOBATULUS	WASHINGTON COAST	48 43N 122 55W
10611 CUSHMAN TODO 1947 10612 CUSHMAN TODO 1947	CIBICIDES	LOBATULUS Lobatulus	WASHINGTON COAST WASHINGTON COAST	48 07N 122 55W 48 32N 123 10W
10613 TODO LOW 1967	CIBICIDES	LOBATULUS	CLARENCE ST., ALASKA	55 21N 131 58W
10615 TODO LOW 1967	CIBICIDES	LOBATULUS	KASAAN BAY, ALASKA	55 26N 132 14W
10616 TOOD LOW 1967 10617 TODD LOW 1967	CIBICIDES	LOBATULUS LOBATULUS	EKCURSION, ALASKA TAKU HARBOUR, ALASKA	58 25N 135 30W 58 02N 134 DOW
10618 T000 LOW 1967	CIBICIOES	LOBATULUS	LYNN CANAL, ALASKA	58 40N 135 00W
10620 SMITH 1973	CIBICIDES	LOBATULUS	OFF ALASKA PENINSULA	54 55N 157 59W
10621 LANKFORD PHLEGER 1973	C181C10ES	LOBATULUS	CRESCENT CITY, CALIF.	41 45N 124 13W
10623 BERGEN O'NEIL 1979	CIBICIDES	LOBATULUS	GULF OF ALASKA	56 35N 152 00W
10624 BERGEN O'NEIL 1979 10625 BERGEN O'NEIL 1979	CIBICIDES	LOBATULUS	GULF OF ALASKA	56 25N 152 40W
10626 BERGEN O'NEIL 1979	C181C10E5	LOBATULUS	GULF OF ALASKA	59 56N 144 25W
10628 BERGEN O'NEIL 1979	CIBICIDES	LOBATULUS	GULF OF ALASKA	59 35N 146 30W
10629 ECHOLS 1969	C181C10ES	LOBATULUS LOBATULUS	WASHINGTON COAST SUNSET BAY, OREGON	48 18N 124 43W 43 21N 124 20W
10631 BERGEN O'NE IL 1979	CIBICIDES	LOBATULUS	GULF OF ALASKA	59 00N 141 20W
10632 BERGEN O'NEIL 1979 10633 BERGEN O'NEIL 1979	CIBICIDES	LOBATULUS Lobatulus	GULF OF ALASKA GULF OF ALASKA	56 35N 151 50W 59 45N 144 55W
10634 BERGEN O'NEIL 1979 10635 BERGEN O'NEIL 1979	C181C10ES C181C10ES	L OB ATULUS L OB ATULUS	GULF OF ALASKA GULF OF ALASKA	58 35N 139 15W 59 35N 143 00W
10636 BERGEN O'NEIL 1979	CIBICIDES	LOBATULUS	GULF OF ALASKA	59 30N 145 40W
10637 BERGEN O'NEIL 1979 10638 COOPER 1961	CIBICIDES	L OB ATULUS L OB ATUS	GULF OF ALASKA OREGON COAST	59 42N 144 10W 43 07N 124 26W
10639 BERGEN O'NEIL 1979	CIBICIDES	MCKANNAI	GULF OF ALASKA	59 42N 144 10W
10640 BERGEN O'NEIL 1979 10641 BERGEN O'NEIL 1979	CIBICIDES	MCK ANNA I	GULF OF ALASKA GULF OF ALASKA	56 35N 151 50W 59 30N 145 20W
10642 BERGEN O'NEIL 1979 10643 BERGEN O'NEIL 1979	CIBICIDES CIBICID€S	MCK ANNA I MCK ANNA I	GULF OF ALASKA GULF OF ALASKA	59 30N 143 00W 59 00N 141 20W
10644 BERGEN O'NEIL 1979	CIBICIDES	MCK ANNA I	GULF OF ALASKA	59 25N 145 25W
10645 BERGEN O'NEIL 1979 10646 BERGEN O'NEIL 1979	CIBICIDES CIBICIDES	MCKANNA I MCKANNA I	GULF OF ALASKA GULF OF ALASKA	59 30N 145 40W 59 35N 143 00W
10647 BERGEN O'NEIL 1979	CIBICIDES	MCK ANNA I	GULF OF ALASKA	59 45N 144 55W
10648 SMITH 1973 10649 CUSHMAN TODD 1947	CIBICIDES	R E FULGENS R E FULGENS	OFF ALASKA PENINSULA WASHINGTON COAST	54 55N 157 59W 48 33N 123 00W
10650 COOPER 1961	CIBICIDES	R E FULGENS S P I R A L I S	OREGON COAST GULF OF ALASKA	45 36N 123 57W 59 30N 143 00W
10652 SMITH 1973	CIBICIDOIDES	MUNDULUS	OFF ALASKA PENINSULA	49 50N 16D 57W
10654 TODD LOW 1967	CORNUSPIRA CORNUSPIRA	INCERTA INVOLVENS	OFF ALASKA PENINSULA GULF OF ALASKA	48 61N 161 07W 59 32N 142 36W
	CORNUSPIRA	INVOLVENS	KASAAN BAY, ALASKA	55 26N 132 14W

Publication	Generic Name	Specific Name	Locality	Lat. Long.
10656 DETLING 1958	CORNUSPIRA	INVOLVENS	SUNSET BAY, OREGON	43 21N 124 20W
10657 CUSHMAN 1925 10658 CUSHMAN 1925	CORNUS PIRA CORNUS PIRA	1 NV OL VENS	Q. CHARLOTTE SO., B.C.	52 20N 131 00W 54 10N 132 30W
10659 BERGEN O'NEIL 1979	CORNUSPIRA CORNUSPIRA	I NV OL V E NS I NV OL V E NS	VIRAGO SD., B.C. GULF OF ALASKA	59 30N 142 55W
10660 CUSHMAN TOOD 1947 10661 CUSHMAN TOOD 1947	CORNUSPIRA	PLANORBIS	WASHINGTON COAST	48 32N 123 10W
	CORNUSPIRA CRIBROELPHIDIUM	PLANORBIS CLAVATUM	CRESCENT CITYA CALIF.	48 33N 123 00W 41 45N 124 13W
10663 SCOTT 1974	CRIBROELPHIDIUM	FRIGIDUM	CRESCENT CITY, CALIF. SAMISH-PADILLA BAYS SAMISH-PADILLA BAYS	48 36N 122 29W
10664 SCOTT 1974 10665 LANKFORD PHLEGER 1973	CR1BROEL PHIDIUM	SELSEYENSE	SAMISH-PADILLA BAYS	48 36N 122 29W 44 47N 124 05W
10666 LANKFORD PHLEGER 1973	CR1BROELPH1DIUM CR1BRONONION	T UM 1 D UM FRIGIO UM	DEPOE BAY, OREGON CRESCENT CITY, CALIF.	41 45N 124 13W
10667 LANKFORD PHLEGER 1973	CRIBRONDNION	LENE	LAPUSH, WASHINGTON	47 55N 127 39W
10668 LANKFORD PHLEGER 1973 10669 LANKFORD PHLEGER 1973	CRIBRONONION CRIBRONONION	L EN E L EN E	CRESCENT CITY, CALIF. DEPOE BAY, OREGON	41 45N 124 13W 44 47N 124 05W
10670 CUSHMAN 1910	CR18ROSTOMOIDES	BRA DY I	OFF WASHINGTON	45 30N 124 52W
10671 TODD LOW 1967 10672 TODD LOW 1967	CRIBROSTOMOIDES CRIBROSTOMOIDES	CRASSIMARGO CRASSIMARGO	GULF OF ALASKA EXCURSION, ALASKA TAKU HARBOUR, ALASKA GULF OF ALASKA KASAAN BAY, ALASKA GAMBIER BAY, ALASKA	59 32N 142 36W 58 25N 135 30W
10673 TODO LOW 1967	CRIBROSTOMOIDES	CRASSIMARGO	TAKU HARBOUR, ALASKA	58 02N 134 00W
10674 BERGEN O'NEIL 1979 10675 TODD LOW 1967	CRIBROSTOMOIDES	C RA S S I M A R G O	GULF OF ALASKA	59 45N 144 55W
10676 TODD LOW 1967	CRIBROSTOMOIDES CRIBROSTOMOIDES	CRASSIMARGO CRASSIMARGO	KASAAN BAY, ALASKA Gambier bay, Alaska Lynn Canal, Alaska	55 26N 132 14W 57 20N 134 02W
10677 TODD LOW 1967	CRIBROSTOMOIDES	CRASSIMARGO	LYNN CANAL, ALASKA	58 40N 135 00W
10678 BERGEN O'NEIL 1979 10679 BERGEN O'NEIL 1979	CRIBROSTOMOIDES CRIBROSTOMOIDES	CRASSIMARGO JEFFREYSI		59 55N 142 25W 56 35N 152 00W
1068D BERGEN O'NEIL 1979	CRIBROSTOMOIDES	JEFFREYSI		59 56N 144 25W
10681 BERGEN O'NEIL 1979 10682 BERGEN O'NEIL 1979	CRIBROSTOMOIDES	J EF FREYSI	GULF OF ALASKA	56 25N 152 45W
10683 BERGEN O'NEIL 1979	CRIBROSTOMOIDES CRIBROSTOMOIDES	JEFFREYSI JEFFREYSI	GULF OF ALASKA GULF OF ALASKA	59 30N 142 55W 59 35N 143 DDW
10684 BERGEN O'NEIL 1979	CRIBROSTOMOIDES	JEFFREYS1	GULF OF ALASKA	59 55N 142 25W
10685 BERGEN O'NEIL 1979 10686 ECHOLS 1969	CRIBROSTOMOIDES CRIBROSTOMOIDES	JEFFREYSI JEFFREYSII	GULF OF ALASKA WASHINGTON COAST	59 45N 144 55W
10687 TOOD LOW 1967	CRIBROSTOMOIDES	JEFFREYSII	GAMBIER BAY, ALASKA	59 45N 144 55W 47 10N 124 14W 57 20N 134 02W 59 32N 142 36W
10688 TODD LOW 1967 10689 TODD LOW 1967	CRIBROSTOMOIDES	JEFFREYSII	GULF OF ALASKA	59 32N 142 36W
10690 TODD LOW 1967	CRIBROSTOMOIDES CRIBROSTOMOIDES	JEFFREYSII JEFFREYSII	TAKU HARBOUR, ALASKA EXCURSION, ALASKA	58 UZN 134 UUW 58 25N 135 30W
10691 BERGEN O'NEIL 1979	CRIBROSTOMOIDES	SCITULUS	GULF OF ALASKA	59 30N 145 45W
10692 BERGEN O'NEIL 1979 10693 BERGEN O'NEIL 1979	CRIBROSTOMOIDES CRIBROSTOMOIDES	S C I TULU S S C I TULU S	GULF OF ALASKA	59 25N 145 25W
10694 BERGEN O'NEIL 1979	CRIBROSTOMOIDES	SCITULUS	GULF OF ALASKA	59 30N 143 00W
10695 BERGEN O'NEIL 1979 10696 TODD LOW 1967	CRIBROSTOMOIDES	SCITULUS	GULF OF ALASKA CLARENCE ST. ALASKA GULF OF ALASKA GULF OF ALASKA GULF OF ALASKA	59 00N 141 20W
10697 BERGEN O'NEIL 1979	CRIBROSTOMOIDES CRIBROSTOMOIDES	S C I TULUS S C I TULUS	GULF OF ALASKA	56 30N 152 40W
10698 TODD LOW 1967	CRIBROSTOMO1DES	SCITULUS	GULF OF ALASKA	59 32N 142 36W
10699 BERGEN O'NEIL 1979 10700 BERGEN O'NEIL 1979	CRIBROSTOMOIDES CRIBROSTOMOIDES	S C I TULU S S C I TULU S	GULF OF ALASKA GULF OF ALASKA	58 50N 141 15W 59 45N 144 55W
10701 BERGEN O'NEIL 1979	CR18ROSTOMOIDES	SCITULUS	GULF OF ALASKA	59 42N 144 10W
10702 BERGEN O'NEIL 1979	CRIBROSTOMOIDES	SCITULUS	GULF OF ALASKA	59 35N 143 00W
10703 BERGEN O'NEIL 1979 10704 BERGEN O'NEIL 1979	CRIBROSTOMOIDES CRIBROSTOMOIDES	S C I TULUS S C I TULUS	GULF OF ALASKA GULF OF ALASKA	59 55N 142 25W 59 3DN 142 55W
10705 TODD LOW 1967	CRIBROSTOMOIDES	VELERONIS	GULF OF ALASKA	59 32N 142 36W
	CRISTELLARIA CRISTELLARIA	CULTRATA LATA	STRAIT OF GEORGIA, B.C.	49 SON 124 42W
		PISUM HISPIDA	OFF OREGON	43 58N 124 36W
10709 TODD LOW 1967 10710 SMITH 1973	CRITHIONINA CRUCILOCULINA	TRIANGULARIS CANCELLATA	GULF OF ALASKA	59 32N 142 36W
10711 CUSHMAN 1910	CYCLAMMINA CYCLAMMINA	CANCELLATA	STRAIT OF GEORGIA B.C. OFF ALASKA PENINSULA OFF OREGON OFF ALASKA OFF ALASKA PENINSULA OFF WASHINGTON OFF BRIT. COLUMBIA OFF OREGON OFF ALASKA PENINSULA	45 30N 124 52W
10712 CUSHMAN 1910	CYCLAMMINA CYCLAMMINA CYCLAMMINA	CANCELLATA	OFF BRIT. COLUMBIA	51 23N 130 34W
10713 CUSHMAN 1910 10714 Smith 1973	CYCLAMMINA	PUSILLA TRULLISSATA	OFF OREGON OFF ALASKA PENINSULA	43 58N 124 36W 49 50N 16D 57W
10715 SMITH 1973	CYCLAMMINA	TRULLISSATA	OFF ALASKA PENINSULA	48 61N 161 07W
10716 SMITH 1973 10717 SMITH 1973	C Y C L AMM I NA C Y S T AMM I NA	TRULLISSATA GALEATA	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	54 51N 155 24W 52 41N 155 36W
10718 SMITH 1973	CYSTAMMINA	GALEATA	OFF ALASKA PENINSULA	48 61N 161 07W 54 51N 155 24W
10719 SMITH 1973 10720 BERGEN O'NEIL 1979	CYSTAMMINA DENTALINA	G A L E A T A B A G G I	OFF ALASKA PENINSULA GULF OF ALASKA	54 51N 155 24W 59 30N 143 00W
	DENTALINA	BAGGI	GULF OF ALASKA	59 42N 144 10W
	DENTALINA	BAGG1	GULF OF ALASKA	59 30N 145 40W
10723 TODD LOW 1967 10724 TODD LOW 1967	OENTALINA OENTALINA	BAGGI BAGGI	KASAAN BAY, ALASKA GULF OF ALASKA	55 26N 132 14W 59 32N 142 36W
10725 CUSHMAN MCCULLOCH 1950	DENTALINA	C AL OMORPHA	OFF ALASKA	56 28N 132 23W
10726 TODD LOW 1967 10727 TODD LOW 1967	OENTAL I NA DENTAL I NA	DECEPTA DECEPTA	TAKU HARBOUR, ALASKA GULF OF ALASKA	58 O2N 134 OOW 59 32N 142 36W
10728 BERGEN O'NEIL 1979	DENTALINA	DECEPTA	GULF OF ALASKA	58 35N 138 15W
10729 TODO LOW 1967	DENTALINA	SUBSOLUTA	GULF OF ALASKA	59 32N 142 36W
10730 WHITEAVES 1886 10731 WHITEAVES 1886	OISCORBINA DISCORBINA	PARISIENSIS PARISIENSIS	DISCOVERY PASSAGE, B.C. QUEEN CHARLOTTE SD., B.C.	48 45N 123 33W
10732 WHITEAVES 1886	DISCORBINA	PARISIENSIS	QUEEN CHARLOTTE SD., B.C.	50 35N 126 57W
10733 CUSHMAN 1925 10734 CUSHMAN 1925	D1SCORB1S OISCORBIS	CHARLOTTENSIS COLUMBIENSIS	Q. CHARLOTTE SD., B.C. Q. CHARLOTTE SD., B.C.	52 20N 131 00W 52 20N 131 00W
10734 CUSHMAN 1923 10735 DETLING 1958	DISCORBIS	COLUMBIENSIS	SUNSET BAY, OREGON	43 21N 124 20W
10736 CUSHMAN TODD 1947	DISCORBIS	COLUMBIENSIS	WASHINGTON COAST	48 43N 122 55W
	DISCORBIS DISCORBIS	COLUMBIENSIS COLUMBIENSIS	WASHINGTON COAST WASHINGTON COAST	48 32N 123 10W 48 33N 123 COW
10739 COOPER 1961	DISCORBIS	MONICANA	CALIFORNIA COAST	41 36N 124 13W
10740 COOPER 1961	DISCORBIS DISCORBIS	MONICANA MONICANA	OREGON COAST OREGON COAST	44 OZN 124 O8W 44 49N 124 O4W
10742 COORER 1961	DISCORBIS	MONICANA	OREGON COAST	43 07N 124 26W
10743 COOPER 1961	015 CORBIS	OPERCULARIS	OREGON COAST	44 49N 124 04W
10744 CUSHMAN TODD 1947 10745 CUSHMAN TODD 1947	DISCORBIS	ORBICULARIS ORNATISSIMA	WASHINGTON COAST WASHINGTON COAST	48 33N 123 00W 48 32N 123 10W
10746 CUSHMAN TODO 1947	OISCORBIS DISCORBIS DISCORBIS DISCORBIS DISCORBIS	ORNATISSIMA	WASHINGTON COAST	47 48N 122 43W
10747 COCKBAIN 1963	DISCORBIS DISCORBIS	ORN ATISSIMA ORN ATISSIMA	BRITISH COLUMBIA BRITISH COLUMBIA	48 20N 123 00W
10748 COCKBAIN 1963 10749 CUSHMAN 1925	DISCORBIS	ORNATISSIMA	VIRAGO SO., B.C.	48 45N 123 00W 54 10N 132 30W
10750 CUSHMAN 1925	DISCORBIS	ORNATISSIMA	Q. CHARLOTTE SD., B.L.	52 20N 131 00W

Publication  10751 CUSHMAN TOOD 1947 10752 DETLING 1958 10753 COOPER 1961 10754 COOPER 1961 10755 COOPER 1961 10755 COOPER 1961 10756 COOPER 1961 10757 BERGEN O'NEIL 1979 10759 BERGEN O'NEIL 1979 10759 BERGEN O'NEIL 1979 10759 BERGEN O'NEIL 1979 10760 CETLING 1958 10761 CUSHMAN TOOD 1947 10763 CUSHMAN TOOD 1947 10763 CUSHMAN TOOD 1947 10763 CUSHMAN TOOD 1947 10765 BERGEN O'NEIL 1979 10766 BERGEN O'NEIL 1979 10766 BERGEN O'NEIL 1979 10767 SMITH 1973 10769 LANKFORD PHLEGER 1973 10770 BERGEN O'NEIL 1979 10771 BERGEN O'NEIL 1979 10773 CUSHMAN TOOD 1947 10775 CUSHMAN TOOD 1947 10775 CUSHMAN TOOD 1947 10776 TOOD LOW 1967 10777 TODD LOW 1967 10777 TODD LOW 1967 10777 TODD LOW 1967 10777 LANKFORD PHLEGER 1973 10781 LANKFORD PHLEGER 1973 10782 CETLING 1958 10783 SCOIT 1974 10784 ECHOLS 1969 10785 COCKBAIN 1963 10787 COCKBAIN 1963 10788 COCKBAIN 1963 10789 COCKBAIN 1963 10789 COCKBAIN 1963 10789 COCKBAIN 1963 10789 COCKBAIN 1963 10790 COCKBAIN 1963 10790 FERGEN O'NEIL 1979 10799 BERGEN O'NEIL 1979 10797 BERGEN O'NEIL 1979 10799 BERGEN O'NEIL 1979 10790 COCKBAIN 1963 10805 COCKBAIN 1963 10805 COCKBAIN 1963 10806 COCKBAIN 1963 10806 COCKBAIN 1963 10807 COCKBAIN 1963 10808 COCKBAIN 1963 10809 CUSHMAN MCCULLOCH 1939 10815 CUSHMAN MCCULLOCH 1939 10816 CUSHMAN MCCULLOCH 1939 10817 SMITH 1973 10828 BERGEN O'NEIL 1979 10828 BERGEN O'NEIL 1979 10829 BERGEN O'NEIL 1979	Generic Name	Specific Name	Locality	Lat. Long.
10751 CUSHMAN TOOO 1947 10752 DETLING 1958 10753 COOPER 1961	DISCORBIS OISCORBIS DISCORBIS	ORNATISSIMA ORNATISSIMA ORNATISSIMUS	WASHINGTON COAST SUNSET BAY, OREGON OREGON COAST	48 33N 123 00W 43 21N 124 20W 42 25N 124 26W
10754 COOPER 1961	DISCORBIS	ORNATISSIMUS	OREGON COAST	43 07N 124 26W
10756 COOPER 1961	OISCORBIS	ORNATISSIMUS ORNATISSIMUS	OREGON COAST	41 36N 124 13W
10757 BERGEN O'NEIL 1979	DISCORBIS	PRAEGERI	GULF OF ALASKA	56 25N 152 45W
10758 BERGEN O'NEIL 1979	OISCORBIS	PRAEGER I PRAEGER I	GULF OF ALASKA	59 35N 146 3DW
10760 DETLING 1958	OISCORBIS	SANJUANENSIS	SUNSET BAY, OREGON	43 21N 124 20W
10761 CUSHMAN 7000 1947	DISCORBIS	SANJUANENSIS SANJUANENSIS	WASHINGTON COAST	48 43N 122 55W
10763 CUSHMAN TOOD 1947	DISCORBIS	SIZNINAL	WASHINGTON COAST	48 33N 123 00W
10764 TODO LOW 1967 10765 BERGEN O'NETL 1979	00R0THIA	BRADYANA	GULF OF ALASKA	59 32N 142 30W
10766 BERGEN O'NEIL 1979	DOROTHIA	BRADYANA	GULF OF ALASKA	59 30N 143 00W
10767 SMITH 1973	DOROTHIA	EXILIS	OFF ALASKA PENINSULA	49 SUN 160 S/W
10769 LANKFORD PHLEGER 1973	OYOCIBICIOES	BISERIALIS	CRESCENT CITY, CALIF.	41 45N 124 13W
10770 BERGEN O'NEIL 1979	DYOCIBICIDES	BISERIALIS	GULF OF ALASKA	59 35N 146 3UN 56 4DN 151 55W
10772 BERGEN O'NEIL 1979	DYOCIBICIDES	BISERIALIS	GULF OF ALASKA	59 42N 144 10W
10773 CUSHMAN TODO 1947	0 Y O C 1 B I C 1 D E S	BISERIALIS	WASHINGTON COAST	48 33N 723 DOW 48 32N 123 10W
10775 CUSHMAN TOOD 1947	DYOCIBICIDES	BISERIALIS	WASHINGTON COAST	47 41N 124 28W
10776 TODO LOW 1967	DYOCIBICIDES	BISERIALIS	GAMBIER BAY, ALASKA	57 20N 134 02W
10778 TODD LOW 1967	010019101968	BISERIALIS	EXCURSION, ALASKA	58 25N 135 30W
10779 LANKFORD PHLEGER 1973	OYOCIBICIDES	PERFORATA	CRESCENT CITY, CALIF.	41 45N 124 13W
10781 LANKFORD PHLEGER 1973	EGGERELLA	ADVENA	LAPUSH, WASHINGTON	47 55N 127 39W
10782 OETLING 1958	EGGERELLA	ADVENA	SUNSET BAY, OREGON	43 21N 124 20W
10784 ECHOLS 1969	EGGERELLA	ADVENA	WASHINGTON COAST	48 20N 124 42W
10785 ECHOLS 1969	EGGERELLA	ADVENA	WASHINGTON COAST	47 30N 124 20W
10787 COCKBAIN 1963	EGGERELLA	ADVENA	BRITISH COLUMBIA	49 DON 123 15W
10788 COCKBAIN 1963	EGGERELLA	A DV ENA	BRITISH COLUMBIA	49 15N 123 30W
10790 COCKBAIN 1963	EGGERELLA	ADVENA	BRITISH COLUMBIA	49 40N 124 45W
10791 BERGEN O'NEIL 1979	EGGERELLA	A D V E N A	GULF OF ALASKA	59 30N 145 20W
10793 BERGEN O'NEIL 1979	EGGERELLA	ADVENA	GULF OF ALASKA	59 30N 142 55W
10794 BERGEN O'NEIL 1979	EGGERELLA	ADVENA ADVENA	GULF OF ALASKA	59 55N 142 25W
10796 BERGEN O'NEIL 1979	EGGERELLA	AOVENA	GULF OF ALASKA	59 50N 145 47W
10797 BERGEN O'NEIL 1979 10798 COOPER 1961	EGGERELLA Eggerella	A D V E N A A D V F N A	GULF OF ALASKA OREGON COAST	58 35N 138 15W 45 36N 123 57W
10799 COOPER 1961	EGGERELLA	ADVENA	OREGON COAST	44 OZN 124 D8W
10800 COOPER 1961 10801 ECHOLS 1969	EGGERELLA Eggerella	A DV ENA A DV ENA	OREGON COAST WASHINGTON COAST	43 D7N 124 26W 47 DDN 124 1DW
10802 COCKBAIN 1963	EGGERELLA	ADVENA	BRITISH COLUMBIA	48 20N 123 00W
10804 COCKBAIN 1963	EGGERELLA	ADVENA	BRITISH COLUMBIA	48 14N 123 30W
10805 T000 L0W 1967	EGGERELLA	A D V E N A	EXCURSION, ALASKA	58 25N 135 30W
10807 TODG LOW 1967	EGGERELLA	ADVENA	TAKU HARBOUR, ALASKA	58 02N 134 00W
10808 TODO LOW 1967	EGGERELLA EGGERELLA	A DV ENA	GAMBIER BAY, ALASKA	57 20N 134 02W
10810 TODD LOW 1967	EGGERELLA	AOVENA	LYNN CANAL, ALASKA	58 40N 135 DOW
10811 CUSHMAN TODD 1947	EGGERELLA Eggerella	ADVENA ADVENA	WASHINGTON COAST	48 32N 123 10W
10813 CUSHMAN MCCULLOCH 1939	EGGERELLA	ADVENA	OFF ALASKA	58 19N 134 20W
10814 CUSHMAN MCCULLOCH 1939	EGGERELLA	A DV ENA A DV ENA	OFF ALASKA OFF ALASKA	60 35N 145 44W
10816 CUSHMAN MCCULLOCH 1939	EGGERELLA	ADVENA	KETCHIKAN, ALASKA	55 21N 131 39W
10817 SMITH 1973	EGGERELLA	BRADYI	OFF ALASKA PENINSULA	52 41N 155 36W
10819 SMITH 1973	EGGERELLA	8 RA DY I	OFF ALASKA PENINSULA	54 51N 155 24W
10821 SMITH 1973	EGGERELLA	BRADYI	OFF ALASKA PENINSULA	49 50N 160 57W
10822 BERGEN O'NEIL 1979	EGGERELLA	BRADYI	GULF OF ALASKA	59 30N 145 20W
10824 BERGEN O'NEIL 1979	EGGERELLA	BRADYI	GULF OF ALASKA	59 00N 141 20W
10825 BERGEN O'NEIL 1979 10826 BERGEN O'NEIL 1979	EGGERELLA Eggerella	BRADYI BRADYI	GULF OF ALASKA GULF OF ALASKA	58 50N 141 15W 59 30N 143 00W
10827 BERGEN O'NEIL 1979	EGGERELLA	HUMBOLOTI	GULF OF ALASKA	59 30N 145 40W
	EGGERELLA Eggerella	HUMBOLDTI PUSILLA	GULF OF ALASKA GULF OF ALASKA	59 30N 145 20W 59 00N 141 20W
10830 BERGEN O'NEIL 1979	EGGERELLA	PUS ILLA	GULF OF ALASKA	59 30N 142 55W
	EGGERELLA Eggerella	PUS ILLA PUS ILLA		59 30N 143 00W 59 30N 145 20W
10833 SMITH 1973	EGGERELLA	SCABRA	OFF ALASKA PENINSULA	56 23N 154 27W
10835 SMITH 1973	EGGERELLA Eggerella	S CA B RA S CA B RA		43 47N 160 36W 48 61N 161 07W
10836 SMITH 1973	EGGERELLA	SCABRA	KOOIAK, ALASKA	57 49N 152 30W
10837 BERGEN O'NEIL 1979 10838 TOOD LOW 1967	EGGERELLA EHRENBERGINA EHRENBERGINA EHRENBERGINA	C OM PRESSA C OM PRESSA	GULF OF ALASKA GULF OF ALASKA	58 50N 141 15W 59 32N 142 36W
10839 SMITH 1973 10840 TOOD LOW 1967	EHRENBERGINA	HYSTRIX ARCTICA	OFF ALASKA PENINSULA	49 50N 160 57W
10847 TODO LOW 1967	ELPHIDIELLA	ARCTICA	I YNN CANAL - ALACKA	55 26N 132 14W 58 40N 135 00W
10842 TODD LOW 1967 10843 TODD LOW 1967	ELPHIDIELLA Elphidiella	GROENLANDICA GROENLANDICA	LYNN CANAL, ALASKA EXCURSION, ALASKA TAKU HARBOUR, ALASKA	58 4DN 135 00W
10844 TODD LOW 1967	EHRENBERGINA ELPHIDIELLA ELPHIDIELLA ELPHIDIELLA ELPHIDIELLA ELPHIDIELLA ELPHIDIELLA	GROENLANDICA		
10845 TODD LOW 1967		G RO ENL AND I CA	KASAAN BAY, ALASKA	55 26N 132 14W

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10846 TODD LOW 1967	ELPHIDIELLA	GROENLANDICA	GAMBIER BAY, ALASKA OFF ALASKA PENINSULA LAPUSH, WASHINGTON CRESCENT CITY, CALIF- DEPOE BAY, OREGON WASHINGTON COAST	57 20N 134 02W
10847 SMITH 1973 10848 LANKFORD PHLEGER 1973	ELPHIDIELLA	GROENLANDICA HANNAI	OFF ALASKA PENINSULA	53 53N 161 40W
10849 LANKFORD PHLEGER 1973	ELPHIDIELLA ELPHIDIELLA ELPHIDIELLA	HANNAI	CRESCENT CITY, CALIF.	41 45N 124 13W
10850 LANKFORD PHLEGER 1973 10851 CUSHMAN TODD 1947	ELPHIDIELLA Elphidiella	HANNAI HANNAI	DEPOE BAY, OREGON WASHINGTON COAST	44 47N 124 05W 48 43N 122 55W
10852 CUSHMAN TODD 1947	ELPHIDIELLA	HANNAI	WASHINGTON COAST	47 40N 122 25W
10853 CUSHMAN TODD 1947 10854 CUSHMAN TODD 1947	ELPHIDIELLA	HANNAI		47 41N 124 28W 48 16N 122 47W
10855 CUSHMAN TODD 1947	ELPHIDIELLA ELPHIDIELLA ELPHIDIELLA ELPHIDIELLA	H AN NA I H AN NA I	WASHINGTON COAST WASHINGTON COAST	48 32N 123 10W
10030 CO3 HAMN 1000 1947	ELPHIDIELLA	HANNAI	WASHINGTON COAST	48 33N 123 00W
10858 CUSHMAN MCCULLOCH 1940	ELPHIDIELLA Elphidiella	HANNA I HANNA I	OFF BRIT. COLUMBIA	49 15N 123 25W
10039 COSAMAN MILUELUIH 1940	ELPHIDIELLA	HANNA I HANNA T	WASHINGTON COAST KETCHIKAN, ALASKA OFF BRIT. COLUMBIA OFF ALASKA OFF ALASKA	56 28N 132 23W 58 19N 134 20W
10861 CUSHMAN MCCULLOCH 1940	ELPHIDIELLA ELPHIDIELLA ELPHIDIELLA ELPHIDIELLA	HANNAI	OFF ALASKA	60 30N 146 00W
10862 CUSHMAN MCCULLOCH 1940 10863 CUSHMAN MCCULLOCH 1940	ELPHIDIELLA	HANNA I	OFF ALASKA	60 28N 146 27W
10004 36011 1974	ELPHIDIELLA	IANNAI	OFF ALASKA OFF ALASKA SAMISH-PADILLA BAYS CALIFORNIA COAST OREGON COAST	48 36N 122 29W
10865 COOPER 1961 10866 COOPER 1961	ELPHIDIELLA Elphidiella	H A N N A I H A N N A I	CALIFORNIA COAST OREGON COAST	41 36N 124 13W 46 11N 123 59W
100/7 10/1		HANNAI	ARCCAN CAACT	/ 2 3CM 13/ 36H
10868 COOPER 1961 10869 COOPER 1961		H AN NA I H AN NA I	OREGON COAST OREGON COAST OREGON COAST OREGON COAST CALIFORNIA CDAST OREGON COAST	45 36N 123 57W
10870 COOPER 1961	ELPHIDIELLA	HANNAI	OREGON COAST	43 07N 124 26W
10871 COOPER 1961 10872 COOPER 1961	ELPHIDIELLA	HANNAI HANNAI HANNAI HANNAI	CALIFORNIA CDAST OREGON COAST	41 14N 124 07W 44 49N 124 04W
10873 ECHOLS 1969	ELPHIDIELLA	HANNAI	OREGON COAST WASHINGTON COAST WASHINGTON COAST BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA	48 18N 124 43W
10874 ECHOLS 1969 10875 COCKBAIN 1963	ELPHIDIELLA	H AN NA I N I T I DA	WASHINGTON COAST	47 10N 124 14W
10876 COCKBAIN 1963	ELPHIDIELLA	NITIDA	BRITISH COLUMBIA	48 45N 123 00W
10877 COCKBAIN 1963 10878 BERGEN O'NEIL 1979	ELPHIDIELLA	NITIDA NITIDA	BRITISH COLUMBIA GULF OF ALASKA	48 20N 124 10W 59 45N 144 55W
10879 BERGEN O'NEIL 1979	ELPHIDIELLA	NITIDA	GULF OF ALASKA	58 35N 139 15W
	CEPHIDICECA	NITIDA NITIDA	GULF OF ALASKA	59 30N 145 40W
10882 COCKBAIN 1963	ELPHIDIELLA	NITIDA	GULF OF ALASKA BRITISH COLUMBIA BRITISH COLUMBIA GULF OF ALASKA	50 0DN 125 07W
		NITIDA NITIDA	BRITISH COLUMBIA	48 14N 123 30W
10885 BERGEN O'NEIL 1979	ELPHIDIELLA	NITIDA	GULF OF ALASKA	59 55N 142 25W
	ELPHIDIELLA Elphidiella	NITIDA NITIDA	GULF OF ALASKA	59 56N 141 35W
10888 DETLING 1958	ELPHIDIELLA	NITIDA	SUNSET BAY, OREGON	43 21N 124 20W
10889 NATLAND 1933 10890 BERGEN O'NEIL 1979	ELPHIDIUM	ARTICULATUM ARTICULATUM	CRESCENT CITY, CALIF.	41 46N 124 14W
10891 BERGEN O'NEIL 1979	ELPHIDIUM	ARTICULATUM	GULF OF ALASKA	56 35N 151 50W
10892 BERGEN O'NEIL 1979 10893 Cushman McCulloch 1940	ELPHIDIUM Elphidium Elphidium Elphidium Elphidium	ARTICULATUM ARTICULATUM	GULF OF ALASKA KETCHIKAN, ALASKA	59 55N 145 40W 55 21N 131 39W
10894 CUSHMAN MCCULLOCH 1940	ELPHIDIUM ELPHIDIUM	ARTICULATUM	OLL MENSKY	30 50N 135 53M
		ARTICULATUM ARTICULATUM	OFF ALASKA Washington Coast	60 35N 145 44W 48 33N 123 00W
10897 CUSHMAN TODD 1947	ELPHIDIUM	ARTICULATUM	WASHINGTON COAST	48 32N 123 10W
10898 BERGEN O'NEIL 1979 10899 BERGEN O'NEIL 1979	ELPHIDIUM	BARTLETTI BARTLETTI	GULF OF ALASKA GULF OF ALASKA	59 55N 145 40W 59 45N 144 55W
10900 BERGEN O'NEIL 1979		BARTLETTI	GULF OF ALASKA	59 56N 141 35W
10901 BERGEN O'NEIL 1979 10902 Todd Low 1967	ELPHIDIUM	BARTLETTI BARTLETTI	LANN CANAL' AFARKA	58 40N 135 00W
10903 TODD LOW 1967	ELPHIDIUM ELPHIDIUM ELPHIDIUM	BARTLETTI	TAKU HARBOUR, ALASKA	58 02N 134 00W
10904 TODD LOW 1967 10905 SMITH 1973	ELPHIDIUM	BARTLETTI Bartletti	KODIAK, ALASKA	57 49N 152 30W
10906 SMITH 1973 10907 BERGEN O'NEIL 1979	ELPHIDIUM	BARTLETTI	OFF ALASKA PENINSULA	54 55N 157 59W
10908 BERGEN O'NEIL 1979	ELPHIDIUM	BARTLETTI Bartletti	GULF OF ALASKA	59 42N 144 10W
10909 TODD LOW 1967	ELPHIDIUM Elphidium	C LA VATUM C LA VATUM	EXCURSION, ALASKA	58 25N 135 30W
10911 BERGEN O'NEIL 1979	ELPHIDIUM	CLAVATUM	GULF OF ALASKA	59 56N 141 35W
	ELPHIDIUM Elphidium	CLAVATUM CLAVATUM	GULF OF ALASKA GULF OF ALASKA	59 55N 142 25W
10914 COCKBAIN 1963	ELPHIDIUM Elphidium	CLAVATUM	BRITISH COLUMBIA	49 00N 123 15W
10915 COCKBAIN 1963 10916 COCKBAIN 1963	ELPHIDIUM ELPHIDIUM ELPHIDIUM	CLAVATUM CLAVATUM	OFF ALASKA GULF OF ALASKA LYNN CANAL, ALASKA EXCURSION, ALASKA EXCURSION, ALASKA OFF ALASKA OFF ALASKA EXCURSION, ALASKA GULF OF ALASKA EXCURSION, ALASKA GULF OF ALASKA GU	48 20N 124 10W 48 20N 123 00W
		CLAVATUM	BKILIZH COCOMBIA	48 430 123 000
10918 COCKBAIN 1963	ELPHIDIUM	CLA VATUM CLA VATUM	BRITISH COLUMBIA BRITISH COLUMBIA	48 14N 123 30W
10919 COCKBAIN 1983 10920 BERGEN O'NEIL 1979	ELPHIDIUM Elphidium	CLAVATUM	GULF OF ALASKA	49 15N 123 30W 59 30N 145 20W
10921 BERGEN O'NEIL 1979 10922 BERGEN O'NEIL 1979	ELPHIDIUM Elphidium	CLAVATUM CLAVATUM	GULF OF ALASKA GULF OF ALASKA	59 50N 145 47W 59 45N 144 55W
10923 BERGEN O'NEIL 1979	ELPHIDIUM	CLAVATUM	GULF OF ALASKA	59 45N 146 00W
10924 BERGEN O'NEIL 1979 10925 BERGEN O'NEIL 1979	ELPHIDIUM Elphidium	CLAVATUM CLAVATUM	GULF OF ALASKA GULF OF ALASKA	59 30N 145,40W 56 35N 151 50W
10926 TODD LOW 1967	ELPHIDIUM	CLAVATUM	TAKU HARBOUR, ALASKA	58 O2N 134 OOW
10927 TODD LOW 1967 10928 TODD LOW 1967	ELPHIDIUM Elphidium	CLAVATUM CLAVATUM	CLARENCE ST., ALASKA GULF OF ALASKA	55 21N 131 58W 59 32N 142 36W
10929 TODD LOW 1967	ELPHIDIUM	CLAVATUM	KASAAN BAY, ALASKA	55 26N 132 14W
10930 BERGEN O'NEIL 1979 10931 BERGEN O'NEIL 1979	ELPHIDIUM Elphidium	CLAVATUM CLAVATUM	GULF OF ALASKA GULF OF ALASKA	59 35N 143 00W 59 42N 144 10W
10931 BERGEN O'NEIL 1979	ELPHIDIUM	CLAVATUM	GULF OF ALASKA	58 35N 138 15W
10933 SMITH 1973 10934 SMITH 1973	ELPHIDIUM Elphidium	CLAVATUM ERISPUM	KODIAK, ALASKA OFF ALASKA PENINSULA	57 49N 152 30W 54 55N 157 59W
10935 COCKBAIN 1963	ELPHIDIUM	CRISPUM	BRITISH COLUMBIA	48 20N 123 00W
10936 CUSHMAN TODD 1947 10937 CUSHMAN TODD 1947	ELPHIDIUM Elphidium	FAX BARBARENSE FAX BARBARENSE	WASHINGTON COAST WASHINGTON COAST	47 40N 122 25W 48 32N 123 10W
10938 CUSHMAN TODD 1947	ELPHIDIUM	FAX BARBARENSE	WASHINGTON COAST	48 33N 123 00W
10939 NICOL 1944 10940 COOPER 1961	ELPHIDIUM Elphidium	FAX FAX FAX FAX	JUAN DE FUCA STRAITS CALIFORNIA COAST	48 20N 124 28W 41 14N 124 07W
10,40 600161 1701				124 078

Publication	Generic Name	Specific Name	Locality	Lat. Long.
10941 PHLEGER 1967 10942 BERGEN O'NEIL 1979	ELPHIDIUM Elphidium	FRIGIDUM FRIGIDUM	GRAY'S HARBOUR, WASH. GULF OF ALASKA	47 00N 124 08W 59 45N 144 55W
10943 BERGEN O'NEIL 1979	ELPHIDIUM	FRIGIDUM	GULF OF ALASKA	59 50N 145 47H
	ELPHIDIUM ELPHIDIUM	FRIGIDUM FRIGIDUM	GULF OF ALASKA	59 25N 145 25W
10946 BERGEN O'NEIL 1979	ELPHIDIUM	FRIGIDUM	GULF OF ALASKA LTNN CANAL, ALASKA LTNN CANAL, ALASKA KASAAN BAY, ALASKA CLARENCE ST., ALASKA GULF OF ALASKA TAKU HARBOUR, ALASKA KETCHIKAN, ALASKA OFF ALASKA	59 00N 141 20W
10947 BERGEN O'NEIL 1979 10948 Todd Low 1967	EF B H I D I M W	FRIGIDUM FRIGIDUM	GULF OF ALASKA GAMBIER BAY, ALASKA	57 20N 134 02W
10949 TODD LOW 1967 10950 TODD LOW 1967	ELPHIDIUM Elphidium	FRIGIOUM Frigidum	LYNN CANAL, ALASKA	58 40N 135 00W 58 25N 135 30W
		FRIGIDUM	KASAAN BAY, ALASKA	55 26N 132 14W
10952 TODD LOW 1967 10953 TODD LOW 1967	ELPHIDIUM Elphidium Elphidium	FRIGIDUM FRIGIDUM	CLARENCE ST., ALASKA	55 21N 151 58W 59 32N 142 36W
10954 TODD LOW 1967	ELPHIDIUM		TAKU HARBOUR, ALASKA	58 02N 134 00W
10955 CUSHMAN MCCULLOCH 1940 10956 CUSHMAN MCCULLOCH 1940	ET B H I D I M W ET B H I D I M W ET B H I D I M W	FRI GIDUM FRI GIDUM	OFF ALASKA	59 23N 135 20W
10957 CUSHMAN MCCULLOCH 1940 10958 CUSHMAN MCCULLOCH 1940	ELPHIDIUM ELPHIDIUM	FRI GIDUM FRI GIDUM	OFF BRIT. COLUMBIA	49 15N 123 25W 47 59N 122 15W
10959 CUSHMAN MCCULLOCH 1940	ELPHIDIUM ELPHIDIUM ELPHIDIUM	FRIGIDUM	OFF WASHINGTON	47 30N 122 29W
10960 CUSHMAN TODD 1947 10961 CUSHMAN TODD 1947	ELPHIDIUM ELPHIDIUM	FRIGIDUM FRIGIDUM	WASHINGTON COAST WASHINGTON COAST	48 32N 123 10W
10962 BERGEN O'NEIL 1979 10963 BERGEN O'NEIL 1979	ELPHIDIUM Elphidium Elphidium	FRIGIDUM FRIGIDUM	GULF OF ALASKA	59 55N 142 25W
10964 BERGEN O'NEIL 1979	ELPHIDIUM	FRIGIDUM	GULF OF ALASKA	59 30N 145 40W
10965 BERGEN O'NEIL 1979 10966 JONES ROSS 1979	ELPHIDIUM Elphidium	FRI GIDUM Hanna i	GULF OF ALASKA SAMISH BAYA WASH.	56 40N 151 55W 48 35N 122 28W
10967 NATLAND 1933	ELPHIDIUM	HANNAI	CRESCENT CITY, CALIF.	41 46N 124 14W
10968 NATLAND 1933 10969 BERGEN O'NEIL 1979	ELPHIDIUM ELPHIDIUM	HUGHES I	GULF OF ALASKA	59 45N 146 00W
10970 BERGEN O'NEIL 1979 10971 BERGEN O'NEIL 1979	ELPHIDIUM	HUGHESI HUGHESI	GULF OF ALASKA	59 45N 144 55W
10972 BERGEN O'NEIL 1979	ELPHIDIUM ELPHIDIUM ELPHIDIUM ELPHIDIUM ELPHIDIUM	HUGHES 1	GULF OF ALASKA	59 56N 144 25W
10973 BERGEN O'NEIL 1979 10974 BERGEN O'NEIL 1979	ELPHIDIUM FLPHIDIUM	HUGHESI HUGHESI	GULF OF ALASKA	59 56N 141 35W 59 35N 146 30W
10975 COOPER 1961	ELPHIDIUM ELPHIDIUM ELPHIDIUM ELPHIDIUM ELPHIDIUM ELPHIDIUM	HUGHESI FORAMINOSUM	CALIFORNIA COAST	41 36N 124 13W
10976 COCKBAIN 1963 10977 COCKBAIN 1963	ELPHIDIUM	INCERTUM INCERTUM	BRITISH COLUMBIA BRITISH COLUMBIA	48 20N 123 00W
10978 COCKBAIN 1963 10979 COCKBAIN 1963	ELPHIOIUM	INCERTUM	BRITISH COLUMBIA	49 00N 123 15W
10980 DETLING 1958	ELPHIDIUM	INCERTUM INCERTUM	SUNSET BAY, OREGON	43 21N 124 20W
10981 SMITH 1973 10982 Cushman Tood 1947	ELPHIDIUM	INCERTUM Incertum lene	OFF ALASKA PENINSULA Washington coast	53 53N 161 40W 48 43N 122 55W
10983 CUSHMAN TODD 1947	ELPHIDIUM	INCERTUM LENE	WASHINGTON COAST	48 32N 123 10W
10984 CUSHMAN TODD 1947 10985 CUSHMAN TODD 1947	ELPHIDIUM	INCERTUM LENE INCERTUM LENE	WASHINGTON COAST WASHINGTON COAST	47 4UN 122 25W 48 33N 123 00W
10986 CUSHMAN MCCULLOCH 1940	ELPHIDIUM	INCERTUM LENE INCERTUM LENE	KETCHIKAN- ALASKA	55 21N 131 39W
10987 CUSHMAN MCCULLOCH 1940 10988 CUSHMAN MCCULLOCH 1940	ELPHIDIUM	INCERTUM LENE	TAKU HARBOUR, ALASKA  OFF ALASKA  OFF BRIT. COLUMBIA  OFF WASHINGTON  OFF WASHINGTON  OFF WASHINGTON  OFF WASHINGTON  OFF WASHINGTON  OAST  WASHINGTON COAST  WASHINGTON COAST  WASHINGTON COAST  WASHINGTON COAST  OULF OF ALASKA  GULF OF ALASKA  CALIFORNIA COAST  WASHINGTON COAST  WASH	49 15N 123 25W
10989 PHLEGER 1967 10990 SMITH 1973	ELPHIDIUM Elphidium	LENE MAGELLANICUM	GRAY'S HARBOUR, WASH.	47 00N 124 08W
10991 ECHOLS 1969	ELPHIDIUM	MAGELLANICUM	WASHINGTON COAST	48 20N 124 42W
10992 ECHOLS 1969 10993 ECHOLS 1969	ELPHIDIUM ELPHIDIUM	MAGELLANICUM MAGELLANICUM	WASHINGTON COAST	47 30N 124 20W
10994 ECHOLS 1969 10995 ECHOLS 1969	ELPHIDIUM Elphidium	M 1C ROGRANULO SUM M IC ROGRANULO SUM	WASHINGTON COAST	47 00N 124 10W
10996 ECHOLS 1969	ELPHIDIUM	MIC ROGRANULO SUM	WASHINGTON COAST	48 20N 124 42W
10997 CODPER 1961 10998 CODPER 1961	E L P H I D I U M	MICROGRANULOSUM MICROGRANULOSUM	OREGON COAST OREGON COAST CALIFORNIA COAST OREGON COAST OREGON COAST CALIFORNIA COAST OREGON COAST OREGON COAST OREGON COAST KODIAK, ALASKA KASAAN BAY, ALASKA SAMISH BAY, WASH, BRITISH COLUMBIA	43 07N 124 26W 46 11N 123 59W
10999 COOPER 1961	ELPHIDIUM	MIC ROGRANULO SUM	CALIFORNIA COAST	41 14N 124 07W
11000 COOPER 1961 11001 COOPER 1961	ELPHIDIUM Elphidium	MICROGRANULO SUM MICROGRANULO SUM	OREGON COAST	43 36N 123 37W 42 25N 124 26W
******	ELPHIDIUM Elphidium	MICROGRANULO SUM MICROGRANULO SUM	CALIFORNIA COAST	41 36N 124 13W
11004 COOPER 1961	ELPHIDIUM	MIC ROGRANULO SUM	OREGON COAST	44 02N 124 08W
11005 SMITH 1973 11006 TODD LOW 1967	ELPHIOTUM	ORBICULARE OREGONENSE	KODIAK, ALASKA Kasaan bay, alaska	57 49N 152 30W 55 26N 132 14W
11007 JONES ROSS 1979	ELPHIDIUM	SELSEYENSE	SAMISH BAY, WASH.	48 35N 122 28W
11008 COCKBAIN 1963 11009 COCKBAIN 1963	ELPHIDIUM	SUB ARCTICUM SUB ARCTICUM SUB ARCTICUM SUB ARCTICUM	BRITISH COLUMBIA	48 20N 124 10W
11010 COCKBAIN 1963 11011 COCKBAIN 1963	ELPHIDIUM Elphidium	S UB ARCTICUM S UB ARCTICUM	BRITISH COLUMBIA	48 20N 123 00W
11012 COCKBAIN 1963	ELPHIDIUM	3 00 ARC   1 C 0   1	BRITISH COLUMBIA	50 00N 125 07W
11013 PHLEGER 1967 11014 PHLEGER 1967	ELPHIDIUM Elphidium	S UB ARCTICUM S UB ARCTICUM	GRAY'S HARBOUR, WASH. COOS, BAY, OREGON	47 DON 124 D8W 43 25N 124 D8W
11015 DETLING 1958	ELPHIDIUM	SUBARCTICUM	SUNSET BAY, OREGON	43 21N 124 20W
11016 COOPER 1961 11017 COOPER 1961	ELPHIDIUM Elphidium	T RANS LUCENS TRANS LUCENS	CALIFORNIA COAST OREGON COAST	41 36N 124 13W 43 07N 124 26W
11018 COOPER 1961 11019 CUSHMAN TOOD 1947	ELPHIDIUM ELPHIDIUM	T RA NS L U C E NS T UM I D UM	OREGON COAST WASHINGTON COAST	42 25N 124 26W 48 33N 123 00W
11020 CUSHMAN TODD 1947	ELPHIDIUM	T UM 1 DUM	WASHINGTON COAST	48 43N 122 55W
11021 CUSHMAN TODD 1947 11022 CUSHMAN MCCULLOCH 1940	ELPHIDIUM Elphidium	T UM I D UM T UM I D UM	WASHINGTON COAST OFF BRIT COLUMBIA	48 32N 123 10W 49 15N 123 25W
11023 CUSHMAN MCCULLOCH 1940 11024 CUSHMAN MCCULLOCH 1940	ELPHIDIUM	T UM I MU T	OFF ALASKA	60 35N 145 44W
11025 CUSHMAN MCCULLOCH 1940	ELPHIDIUM Elphidium	TUM I ĐUM TUM I ĐUM	OFF ALASKA OFF ALASKA	60 37N 146 05H 58 19N 134 20H
11026 CUSHMAN TODO 1947 11027 CUSHMAN TODO 1947	ENTOSOLENIA ENTOSOLENIA	C AT ENULATA C AT ENULATA	WASHINGTON COAST WASHINGTON COAST	48 32N 123 10W 48 33N 123 00W
11028 CUSHMAN TODD 1947	ENTOSOLENIA	CATENULATA	WASHINGTON COAST	47 40N 122 25W
11029 CUSHMAN TODD 1947 11030 CUSHMAN TODD 1947	ENTOSOLENIA ENTOSOLENIA	C OM PRESSA C OM PRESSA	WASHINGTON COAST WASHINGTON COAST	48 33N 123 00W 48 32N 123 10W
11031 CUSHMAN TODD 1947	ENTOSOLENIA	L UC 1 DA	WASHINGTON COAST	48 33N 123 00W
11032 LANKFORD PHLEGER 1973 11033 SMITH 1973	EPISTOMINELLA EPISTOMINELLA	8 RA DYANA E XI GUA	CRESCENT CITY, CALIF. OFF ALASKA PENINSULA	41 45N 124 13W 49 50N 160 57W
11034 SMITH 1973 11035 SMITH 1973	EPISTOMINELLA EPISTOMINELLA	E XI GUA E XI GUA	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	56 23N 154 27W 54 55N 157 59W
				2 - 22 - 131 37W

Publication	Generic Name	Specific Name	Locality  NORTH PACIFIC GULF OF ALASKA GULF OF ALAS	Lat. Long.
	EPISTOMINELLA	EXI GUA	NORTH PACIFIC	43 47N 160 36W
11037 BERGEN O'NEIL 1979	EPISTOMINELLA	EXIGUA	GULF OF ALASKA	59 45N 146 00W
11038 BERGEN O'NEIL 1979	EPISTOMINELLA	E X I GUA	GULF OF ALASKA	59 30N 145 40W
11039 BERGEN O'NEIL 1979	EPISTOMINELLA	PACIFICA	GULF OF ALASKA	59 55N 140 3UW
11041 TODD LOW 1967	EPISTOMINELLA	PACIFICA	CLARENCE ST. ALASKA	55 21N 131 58W
11042 TODD LOW 1967	EPISTOMINELLA	PACIFICA	GULF OF ALASKA	59 32N 142 36W
11045 BERGEN O'NEIL 1979	EPISTOMINELLA	PACIFICA	GULF OF ALASKA	59 30N 145 20W
11044 BERGEN O'NEIL 1979	EPISTOMINELLA EPISTOMINELLA	PACIFICA PACIFICA	GULF OF ALASKA	59 3DN 145 40W
11046 BERGEN O'NEIL 1979	EPISTOMINELLA	PACIFICA	GULF OF ALASKA	59 45N 144 55W
11047 BERGEN O'NEIL 1979	EPISTOMINELLA	PACIFICA	GULF OF ALASKA	58 50N 141 15W
11049 BERGEN O'NEIL 1979	EPISIOMINELLA EPISTOMINELLA	PACIFICA PACIFICA	GULF OF ALASKA	56 35N 151 50W
11050 BERGEN O'NEIL 1979	EPISTOMINELLA	PACIFICA	GULF OF ALASKA	59 35N 143 00W
11051 BERGEN O'NEIL 1979	EPISTOMINELLA	PACIFICA	GULF OF ALASKA	59 45N 144 55W
1103 COCKBAIN 1963	EPISTOMINELLA	PACIFICA PACIFICA	GULF OF ALASKA	48 20N 143 47W
11054 COCKBAIN 1963	EPISTOMINELLA	PACIFICA	BRITISH COLUMBIA	48 14N 123 30W
11055 COCKBAIN 1963	EPISTOMINELLA	PACIFICA	BRITISH COLUMBIA	48 45N 123 00W
11050 BERGEN O'NEIL 1979	EPISTOMINELLA	PACIFICA	GULF OF ALASKA	59 30N 145 45W
11058 BERGEN O'NEIL 1979	EPISTOMINELLA	PACIFICA PACIFICA	GULF OF ALASKA	59 25N 145 25W
11059 SMLTH 1973	EPISTOMINELLA	UMBONIFERA	OFF ALASKA PENINSULA	49 50N 160 57W
11060 TODD LOW 1967	EPISTOMINELLA	VITREA	TAKU HARBOUR, ALASKA	58 D2N 134 DDW
11062 TODD LOW 1967	EPISTOMINELLA EPISTOMINELLA	VITREA VITREA	KASAAN BAY, ALASKA	58 25N 13C 14W
11063 TODD LOW 1967	EPISTOMINELLA	VITREA	GULF OF ALASKA	59 32N 142 36W
11064 TODD LOW 1967	EPISTOMINELLA	VITREA	LYNN CANAL, ALASKA	58 40N 135 00W
11065 BERGEN O'NEIL 1979	EPISTOMINELLA	VITREA VITREA	GULF OF ALASKA	59 45N 146 UUW 50 30N 142 55W
11067 BERGEN O'NEIL 1979	EPISTOMINELLA	VITREA	GULF OF ALASKA	59 25N 145 25W
11068 BERGEN O'NEIL 1979	EPISTOMINELLA	VITREA	GULF OF ALASKA	59 00N 141 20W
11069 BERGEN O'NEIL 1979	EPISTOMINELLA	VITREA	GULF OF ALASKA	59 20N 145 38W
11071 BERGEN O'NEIL 1979	EPISTOMINELLA EPISTOMINELLA	VITREA VITREA	GULF OF ALASKA	59 55N 142 25W
11072 BERGEN O'NEIL 1979	EPISTOMINELLA	VITREA	GULF OF ALASKA	59 35N 146 30W
11073 BERGEN O'NEIL 1979	EPISTOMINELLA	VITREA	GULF OF ALASKA	58 50N 141 15W
11074 BERGEN O'NEIL 1979	EPISTOMINELLA EPISTOMINELLA	VITREA VITREA	COLF OF ALASKA	59 30N 145 47W
11076 BERGEN O'NEIL 1979	EPISTOMINELLA	VITREA	GULF OF ALASKA	59 35N 143 00W
11077 BERGEN O'NEIL 1979	EPISTOMI NELLA	VITREA	GULF OF ALASKA	59 42N 144 10W
11078 BERGEN O'NEIL 1979	EPISTOMINELLA EPISTOMINELLA	VITREA VITREA	GULF OF ALASKA	59 45N 144 55W
11080 BERGEN O'NEIL 1979	EPISTOMINELLA	VITREA	GULF OF ALASKA	59 30N 145 40W
11081 COOPER 1961	E PONIDES	C OL UMB I ENS I S	CALIFORNIA COAST	41 36N 124 13W
11082 COOPER 1961	EPONIDES	COLUMBIENSIS	OREGON COAST	44 49N 124 04W
11085 COUPER 1961	EPONIDES	COLUMBIENSIS COLUMBIENSIS	WASHINGTON COAST	48 33N 123 DOW
11085 DETLING 1958	EPONIDES	COLUMBIENSIS	SUNSET BAY, OREGON	43 21N 124 20W
11086 CUSHMAN TODD 1947	EPONIDES	C OL UMB I ENS IS	WASHINGTON COAST	48 32N 123 10W
11087 CUSHMAN TODO 1947	FPONIDES FPONIDES	COLUMBIENSIS COLUMBIENSIS	WASHINGTON COAST	40 ION 124 IOW 47 40N 122 25W
11089 CUSHMAN TODD 1947	EPONIDES	C OL UMB IENS IS FRIGIDUS	WASHINGTON COAST	48 33N 123 DOW
11090 CUSHMAN TODD 1947	EPONIDES	FRIGIOUS	WASHINGTON COAST	48 43N 122 55W
11091 CUSHMAN 1000 1947 11002 REDGEN O'NET! 1979	EPONIDES	FRIGIDUS HEALDI	GULF OF ALASKA	48 32N 123 1UW 59 3NN 145 40W
11093 BERGEN O'NEIL 1979	EPONIDES	HEALDI	GULF OF ALASKA	59 30N 145 20W
11094 BERGEN O'NEIL 1979	EPONIDES	HEALDI	GULF OF ALASKA	59 25N 145 25W
11095 BERGEN O'NEIL 1979	EPONIDES EPONIDES	HEALDI HEALDI	GULF OF ALASKA	59 20N 145 38W
11097 BERGEN O'NEIL 1979	EPONIDES	HEALDI	GULF OF ALASKA	59 00N 141 20W
11098 TODD LOW 1967	EPONIDES	ISABELLEANUS	GULF OF ALASKA	59 32N 142 36W
11099 BERGEN O'NEIL 1979	EPONIDES EPONIDES	F EA 1 COF A2 F EA 1 COF A2	GULF OF ALASKA	59 55N 143 DOW
11101 BERGEN O'NEIL 1979	EPONIDES	LEVICULUS	GULF OF ALASKA	59 30N 142 55W
11102 BERGEN O'NEIL 1979	EPONIDES	LEVICULUS	GULF OF ALASKA	59 30N 145 20W
11103 BERGEN O'NEIL 1979	EPONIDES	L EV I CULUS L EV I CULUS	GULF OF ALASKA	59 30N 143 00W
11105 BERGEN O'NEIL 1979	EPONIDES	L EV I CUL US	GULF OF ALASKA	59 00N 141 20W
11106 BERGEN O'NEIL 1979	EPONIDES	L EV I CUL US	GULF OF ALASKA	59 25N 145 25W
11107 BERGEN O'NEIL 1979	EPONIDES EPONIDES	L EV I CUL US	GULF OF ALASKA	59 55N 142 25W 58 50N 141 15W
11108 BERGEN O'NEIL 1979 11109 BERGEN O'NEIL 1979	EPONIDES	L EV I CULUS	GULF OF ALASKA	59 45N 146 00W
11110 BERGEN O'NEIL 1979	EPONIDES	LEVICULUS	GULF OF ALASKA	59 30N 145 40W
11111 BERGEN O'NEIL 1979	EPONIDES	LEVICULUS	GULF OF ALASKA	59 30N 145 45W
11112 BERGEN O'NEIL 1979 11113 BERGEN O'NEIL 1979	EPONIDES EPONIDES	L EV I CULUS	GULF OF ALASKA GULF OF ALASKA	58 35N 138 15W 59 45N 144 55W
11114 NATLAND 1933	EPONIDES	ORNATA	CRESCENT CITY, CALIF.	41 46N 124 14W
11115 BERGEN O'NEIL 1979	EPONIDES	REPANDUS	GULF OF ALASKA	59 55N 145 40W
11116 BERGEN O'NEIL 1979	EPONIDES EPONIDES	R EP ANDUS R EP ANDUS	GULF OF ALASKA GULF OF ALASKA	59 42N 144 10W 59 35N 146 30W
11117 BERGEN O'NEIL 1979 11118 BERGEN O'NEIL 1979	EPONIDES	REP ANDUS	GULF OF ALASKA	58 35N 139 15W
11119 EUSHMAN TODD 1947	EPONIDES	REP ANDUS	WASHINGTON COAST	47 41N 124 28W
11120 CUSHMAN TODD 1947	EPONIDES	R EP ANDUS	WASHINGTON COAST GULF OF ALASKA	48 07N 122 55W
11121 BERGEN O'NEIL 1979 11122 BERGEN O'NEIL 1979	EPONIDES EPONIDES	R EP ANDUS R EP ANDUS	GULF OF ALASKA	58 30N 139 00W 56 40N 151 55W
11123 BERGEN O'NEIL 1979	EPONIDES	REP ANDUS	GULF OF ALASKA	56 30N 152 40W
11124 BERGEN O'NEIL 1979	EPONIDES	SUBTENER	GULF OF ALASKA	59 30N 142 55W
11125 BERGEN O'NEIL 1979 11126 BERGEN O'NEIL 1979	EPONIDES EPONIDES	S UB TENER S UB TENER	GULF OF ALASKA GULF OF ALASKA	59 30N 145 45W 59 30N 145 40W
11126 BERGEN O'NEIL 1979	EPONIDES	SUBTENER	GULF OF ALASKA	59 30N 143 40W
11128 BERGEN O'NEIL 1979	EPONIDES	SUBTENER	GULF OF ALASKA	59 00N 141 20W
11129 BERGEN O'NEIL 1979 11130 BERGEN O'NEIL 1979	EPONIDES EPONIDES	S UB T ENER S UB T ENER	GULF OF ALASKA GULF OF ALASKA	59 30N 145 20W 59 20N 145 38W
				3. CC 147 JOW

Publication  11131 CUSHMAN 1927 11132 CUSHMAN 1927 11133 BERGEN O'NEIL 1979 11133 BERGEN O'NEIL 1979 11133 BERGEN O'NEIL 1979 11135 BERGEN O'NEIL 1979 11136 BERGEN O'NEIL 1979 11137 BERGEN O'NEIL 1979 11138 DERGEN O'NEIL 1979 11139 TODD LOW 1967 11140 TODD LOW 1967 11141 BERGEN O'NEIL 1979 11143 BERGEN O'NEIL 1979 11143 BERGEN O'NEIL 1979 11144 DETLING 1958 11145 COOPER 1961 1144 COCKBAIN 1963 11146 COCKBAIN 1963 11148 BERGEN O'NEIL 1979 11151 DERGEN O'NEIL 1979 11151 DERGEN O'NEIL 1979 11152 BERGEN O'NEIL 1979 11153 BERGEN O'NEIL 1979 11151 BERGEN O'NEIL 1979 11153 BERGEN O'NEIL 1979 11154 BERGEN O'NEIL 1979 11155 BERGEN O'NEIL 1979 11156 BERGEN O'NEIL 1979 11157 BERGEN O'NEIL 1979 11158 BERGEN O'NEIL 1979 11159 BERGEN O'NEIL 1979 11160 BERGEN O'NEIL 1979 11161 BERGEN O'NEIL 1979 11161 BERGEN O'NEIL 1979 11162 BERGEN O'NEIL 1979 11163 TOOD LOW 1967 11164 CON BERGEN O'NEIL 1979 11165 TOOD LOW 1967 11166 COOPER 1961 11171 COOPER 1961 11171 COOPER 1961 11171 COOPER 1961 11172 BERGEN O'NEIL 1979 11173 BERGEN O'NEIL 1979 11174 BERGEN O'NEIL 1979 11175 BERGEN O'NEIL 1979 11176 BERGEN O'NEIL 1979 11177 BERGEN O'NEIL 1979 11178 BERGEN O'NEIL 1979 11179 BERGEN O'NEIL 1979 11178 BERGEN O'NEIL 1979 11179 BERGEN O'NEIL 1979 11180 BERGEN O'NEIL 1979 11180 BERGEN O'NEIL 1979 11181 BERGEN O'NEIL 1979 11181 BERGEN O'NEIL 1979 11182 BERGEN O'NEIL 1979 11183 BERGEN O'NEIL 1979 11184 BERGEN O'NEIL 1979 11185 BERGEN O'NEIL 1979 11186 BERGEN O'NEIL 1979 11188 BERGEN O'NEIL 1979 11188 BERGEN O'NEIL 1979 11188 BERGEN O'NEIL 1979 11188 BERGEN O'NEIL 1979 11189 BERGEN O'NEIL 1979 11191 BERGEN	Generic Name	Specific Name	DOCALITY  OFF OREGON OFF OREGON OFF OREGON OULF OF ALASKA GULF OF	Lat. Long.
11131 CUSHMAN 1927	EPONIDES	TENERA	OFF OREGON	43 15N 124 53W
11133 BERGEN O'NEIL 1979	EPONIDES	TENERA UMBONATUS	OFF OREGON GULF OF ALASKA	59 30N 145 20W
11134 BERGEN O'NEIL 1979	EPONIOES	UMBONATUS	GULF OF ALASKA	59 30N 145 40W
11136 BERGEN O'NEIL 1979	EPONIDES	UMB ONATUS UMB ONATUS	GULF OF ALASKA	59 30N 143 DOW
11137 BERGEN O'NEIL 1979	EPONIDES	UMB ONATUS	GULF OF ALASKA	S9 20N 145 38W
11139 TODD LOW 1967	FISSURINA	UMBONATUS UMBONATUS AGASSIZI AGASSIZI CUCURBITASEMA CUCURBITOSEMA LUCURBITOSEMA	GULF OF ALASKA	59 32N 142 36W
11140 TODD LOW 1967	FISSURINA FISSURINA	CUCURBITASEMA	GULF OF ALASKA	59 32N 142 36W 59 30N 142 55W
11142 BERGEN O'NEIL 1979	FISSURINA	CUCURBITOSEMA	GULF OF ALASKA	59 30N 145 40W
11144 DETLING 1958	FISSURINA FISSURINA	LUCIDA	GULF OF ALASKA SUNSET BAY, OREGON	43 21N 124 2DW
11145 COOPER 1961	FISSURINA	LUCIDA	CALIFORNIA COAST	41 36N 124 13W
11147 COCKBAIN 1963	FISSURINA	LUCIDA LUCIDA	BRITISH COLUMBIA	48 45N 123 00W
11148 BERGEN O'NEIL 1979	FISSURINA	LUCIDA Lucida	GULF OF ALASKA	59 55N 145 40W
11150 BERGEN O'NEIL 1979	FISSURINA	LUCIDA	GULF OF ALASKA	58 35N 139 15W
11151 BERGEN O'NEIL 1979 11152 BERGEN O'NEIL 1979	FISSURINA FISSURINA	LUCIDA LUCIDA LUCIDA LUCIDA LUCIDA	GULF OF ALASKA	59 30N 145 40W 59 45N 144 55W
11153 BERGEN O'NEIL 1979	FISSURINA	LUCIDA	GULF OF ALASKA	59 45N 146 00W
11154 BERGEN O'NEIL 1979 11155 BERGEN O'NEIL 1979	FISSURINA	LUCIDA	GULF OF ALASKA GULF OF ALASKA	56 35N 151 50W
11156 BERGEN O'NEIL 1979	FISSURINA	LUCIDA	GULF OF ALASKA	59 42N 144 10W
11158 BERGEN O'NEIL 1979	FISSURINA	L UC I DA L UC I DA	GULF OF ALASKA	59 25N 145 25W
11159 BERGEN O'NEIL 1979	FISSURINA	LUCIDA LUCIDA	GULF OF ALASKA	59 00N 141 20W
11161 BERGEN O'NEIL 1979	FISSURINA	LUCIDA	GULF OF ALASKA	59 30N 145 20W
11162 BERGEN O'NEIL 1979	FISSURINA	L UC I DA L UC I DA	GULF OF ALASKA	59 30N 145 20W
11164 TOOD LOW 1967	FISSURINA	LUCIDA	CLARENCE ST., ALASKA	55 21N 131 58W
11165 TODD LOW 1967 11166 LANKFORD PHLEGER 1973	FISSURINA FISSURINA	LUCIDA LUCIDA	CRESCENT CITY CALIF	59 32N 142 36W 41 45N 124 13W
11167 LANKFORD PHLEGER 1973	FISSURINA	LUCIDA	LAPUSH, WASHINGTON	47 SSN 127 39W
11169 BERGEN O'NEIL 1979	FISSURINA	M A R G I N A T A M A R G I N A T A	GULF OF ALASKA	56 40N 151 55W
11170 COOPER 1961	FISSURINA	M A R G I N A T A M A R G I N A T A	OREGON COAST	44 DZN 124 O8W
11172 BERGEN O'NEIL 1979	FISSURINA	MARGINATA	GULF OF ALASKA	59 42N 144 10W
11173 BERGEN O'NEIL 1979	FISSURINA	M A R G I N A T A M A R G I N A T A	GULF OF ALASKA	59 30N 142 55W
11175 BERGEN O'NEIL 1979	FLORILUS	AURICULUS	GULF OF ALASKA	59 30N 145 20W
11176 BERGEN O'NEIL 1979 11177 BERGEN O'NEIL 1979	FLORILUS FLORILUS	AURICULUS AURICULUS	GULF OF ALASKA GULF OF ALASKA	59 25N 145 25W 59 30N 142 55W
11178 BERGEN O'NEIL 1979	FLORILUS	AUR I CUL US	GULF OF ALASKA	59 00N 141 20W
11180 BERGEN O'NEIL 1979	FLORILUS	AURICULUS	GULF OF ALASKA	59 42N 144 10W
11181 BERGEN O'NEIL 1979	FLORILUS	AURICULUS	GULF OF ALASKA	56 35N 151 50W
11183 BERGEN O'NEIL 1979	FLORILUS	AURICULUS	GULF OF ALASKA	59 35N 143 00W
11184 BERGEN O'NEIL 1979 11185 BERGEN O'NEIL 1979	FLORILUS FLORILUS	AURICULUS AURICULUS	GULF OF ALASKA	59 30N 143 00W 59 20N 145 38W
11186 BERGEN O'NEIL 1979	FLORILUS	AURICULUS	GULF OF ALASKA	56 25N 152 45W
11188 BERGEN O'NEIL 1979	FLORILUS	AURICULUS AURICULUS	GULF OF ALASKA	59 55N 145 40W 58 30N 139 00W
11189 BERGEN O'NEIL 1979	FLORILUS	AURICULUS	GULF OF ALASKA	59 55N 142 25W
11191 BERGEN O'NEIL 1979	FLORILUS	AUR ICULUS AUR ICULUS	GULF OF ALASKA	56 30N 152 40W
11192 LANKFORD PHLEGER 1973	FLORILUS	BASISPINATUS JAPONICUS	CRESCENT CITY, CALIF.	41 45N 124 13W
11194 ECHOLS 1969	FLORILUS	JAPONICUS	WASHINGTON COAST	48 20N 124 44W
11195 ECHOLS 1969 11196 BERGEN O'NEIL 1979	FLORILUS FLORILUS	J AP ON I CUS L ABRADOR I CUS	WASHINGTON COAST GULF OF ALASKA	47 30N 124 22W
11197 BERGEN O'NEIL 1979	FLORILUS	LABRADORICUS	GULF OF ALASKA	59 45N 146 00W
11198 BERGEN O'NEIL 1979 11199 BERGEN O'NEIL 1979	FLORILUS	L ABRADORICUS L ABRADORICUS	GULF OF ALASKA	59 50N 145 47W 59 42N 144 10W
11200 BERGEN O'NEIL 1979 11201 BERGEN O'NEIL 1979	FLORILUS	L AB RADORICUS L AB RADORICUS	GULF OF ALASKA	56 35N 151 50W
11202 BERGEN O'NEIL 1979	FLORILUS	L AB RADORICUS	GULF OF ALASKA	59 45N 144 55W
11203 BERGEN O'NEIL 1979	FLORILUS	L ABRADORICUS L ABRADORICUS	GULF OF ALASKA GULF OF ALASKA	59 30N 145 20W
11204 BERGEN O'NEIL 1979	FLORILUS FLORILUS	LABRADORICUS	GULF OF ALASKA	59 30N 143 00W 59 25N 145 25W
11206 BERGEN O'NEIL 1979 11207 TODD LOW 1967	FLORILUS FLORILUS	L ABRADORICUS L ABRADORICUS	GULF OF ALASKA CLARENCE ST., ALASKA	59 00N 141 20W 55 21N 131 58W
11208 TODD LDW 1967	FLORILUS	LABRADORICUS	KASAAN BAY, ALASKA	55 26N 132 14W
11209 TODD LOW 1967 11210 TODD LOW 1967	FLORILUS FLORILUS	L ABRADORICUS L ABRADORICUS	EXCURSION, ALASKA GULF OF ALASKA	58 25N 135 30W 59 32N 142 36W
11211 BERGEN O'NEIL 1979	FLORILUS	LABRADORICUS	GULF OF ALASKA	59 55N 142 25W
11212 WHITEAVES 1886 11213 WHITEAVES 1886	FRONDICULARIA FRONDICULARIA	C AN ALICULATA C AN ALICULATA	STRAIT OF GEORGIA, B.C. STRAIT OF GEORGIA, B.C.	49 50N 124 42W 49 20N 124 28W
11214 TODD LOW 1967 11215 TODD LOW 1967	FRONDICULARIA FRONDICULARIA	GIGAS GIGAS	GULF OF ALASKA	59 32N 142 36W 55 26N 132 14W
11216 TODD LOW 1967	GAUDRYINA	ARENARIA	KASAAN BAY, ALASKA Excursion, Alaska	58 25N 135 30W
11217 TODD LOW 1967 11218 TODO LOW 1967	G AUDRYINA G AUDRYINA	ARENARIA ARENARIA	GULF OF ALASKA Kasaan bay, alaska	59 32N 142 36W 55 26N 132 14W
11219 TODD LOW 1967	GAUDRYINA	ARENARIA	TAKU HARBOUR, ALASKA	58 02N 134 00W
11220 CUSHMAN MCCULLOCH 1939 11221 COCKBAIN 1963	GAUDRYINA GAUDRYINA	ARENARIA ARENARIA	OFF ALASKA British Columbia	56 28N 132 23W 48 45N 123 00W
11222 COOPER 1961	GAUDRY I NA GAUDRY I NA	ARENARIA	OREGON COAST	43 07N 124 26W
11223 CDCKBAIN 1963 11224 COCKBAIN 1963	GAUDRYINA	A RE NAR I A A RE NAR I A	BRITISH COLUMBIA BRITISH COLUMBIA	48 20N 124 10W 48 14N 123 30W
11225 COCKBAIN 1963	GAUDRYINA	ARE NAR I A	BRITISH COLUMBIA	48 20N 123 00W

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11226 BERGEN O'NEIL 1979	GAUDRYINA GLABRATELLA GLABRATELL	.00.		59 35N 143 00W
11227 BERGEN O'NEIL 1979	GAUDRTINA	A RE NAR I A A RE NAR I A	GULF OF ALASKA GULF OF ALASKA	
11228 BERGEN O'NEIL 1979	GAUDRYINA	A RE NAR I A	GULF OF ALASKA GULF OF ALASKA WASHINGTON COAST WASHINGTON COAST OREGON COAST	56 3DN 152 40W
11229 BERGEN O'NEIL 1979	GAUDRYINA	ARENARIA	GULF OF ALASKA	59 55N 145 40W
11230 CUSHMAN TODD 1947 11231 CUSHMAN TODD 1947	GAUDRYINA	A RE NAR I A	WASHINGTON COAST	48 32N 123 10W
11232 COOPER 1961	GAUDRYINA	ARENARIA ATLANTICA	OREGON COAST	43 07N 124 26W
11233 COOPER 1961	GAUDRYINA	ATLANTICA PACIFICA	OREGON COAST	43 07N 124 26W
11234 COCKBAIN 1963 11235 COOPER 1961	GAUDRYINA	SUBGLABRATA	OREGON COAST BRITISH COLUMBIA OREGON COAST	48 20N 123 00W
11236 COCKBAIN 1963	GAUDRYINA	S UB GLABRATA S UB GLABRATA	OREGON COAST	43 D7N 124 26W
11237 COCKBAIN 1963	GAUDRYINA	SUBGLABRATA	BRITISH COLUMBIA	48 14N 123 30W
11238 COCKBAIN 1963	GAUDRYINA	S UB GLABRATA S UB GLABRATA S UB GLABRATA	BRITISH COLUMBIA	48 20N 124 10W
11239 CUSHMAN TOOD 1947 11240 ECHOLS 1969	GLARPATELLA	SUBGLABRATA	WASHINGTON COAST	48 32N 123 10W
11241 COOPER 1961	GLABRATELLA	CHARLOTTENSIS LAURIEI OPERCULARIS	OREGON COAST	42 25N 124 26W
11242 SCOTT 1974	GLABRATELLA	OPERCULARIS	SAMISH-PADILLA BAYS	48 36N 122 29W
11243 ECHOLS 1969 11244 BERGEN O'NEIL 1979	GLABRATELLA	O RN A T I S S I MA L A E V I G A T A	WASHINGTON COAST	48 18N 124 43W
11245 BERGEN O'NEIL 1979	GLOBOBULIMINA	L ME VIGATA A UR ICULATA A UR ICULATA A UR ICULATA	GULF OF ALASKA	59 30N 143 00W
11246 BERGEN O'NEIL 1979	GLOBOBUL IM I NA	AURICULATA	GULF OF ALASKA	59 30N 145 20W
11247 BERGEN O'NEIL 1979 11248 BERGEN O'NEIL 1979	GLOBOBUL IMINA GLOBOBUL IMINA	AURICULATA	GULF OF ALASKA	59 30N 142 55W
11249 BERGEN O'NEIL 1979	GLOBOBUL IMINA	AURICULATA AURICULATA	GULF OF ALASKA	59 30N 145 40W
11250 BERGEN O'NEIL 1979		AURICULATA	GULF OF ALASKA	59 42N 144 10W
11251 TOOD LOW 1967	CLODOCILI INTINA	AURICULATA	LYNN CANAL, ALASKA	58 40N 135 DOW
11252 COCKBAIN 1963 11253 COCKBAIN 1963	GLOBOBUL IMINA	A UR I CULATA A UR I CULATA	BRITISH COLUMBIA	48 2UN 124 1UW
11254 COCKBAIN 1963	GLOBOBUL IMINA	AURICULATA	BRITISH COLUMBIA	49 00N 123 15W
11255 COCKBAIN 1963	GLOBOBULIMINA	AURICULATA	BRITISH COLUMBIA	48 20N 123 00W
11256 BERGEN O'NEIL 1979 11257 BERGEN O'NEIL 1979	GLOBOBUL IMINA	AURICULATA	GULF OF ALASKA	59 35N 143 DDW
11258 BERGEN O'NEIL 1979	GLOBOBUL IMINA	AURICULATA AURICULATA	GULF OF ALASKA	59 00N 141 20W
11259 TODD LOW 1967	GLOBOBULIMINA	A UR I CUL A TA	CLARENCE ST ALASKA	55 21N 131 58W
11260 TODD LOW 1967	GL OBOBUL IM I NA	AURICULATA	EXCURSION, ALASKA	58 25N 135 30W
11261 TODD LOW 1967 11262 TODD LOW 1967	GLOBOBULIMINA GLOBOBULIMINA GLOBOBULIMINA GLOBOBULIMINA	AURICULATA AURICULATA	KASAAN BAY, ALASKA	55 26N 132 14W
11263 TODD LOW 1967	GLOBOBUL IMINA	AURICULATA	TAKU HARBOUR, ALASKA	58 DZN 134 DOW
11264 SMITH 1973	GL OBOBUL IM I NA	PACIFICA	OFF ALASKA PENINSULA	53 53N 161 40W
11265 BERGEN O'NEIL 1979 11266 COCKBAIN 1963	GLOBOBUL IMINA GLOBOBUL IMINA	PACIFICA PACIFICA	GULF OF ALASKA	59 55N 142 25W
11267 BERGEN O'NEIL 1979	GLOBOBUL IMINA	PACIFICA	GULF OF ALASKA	59 25N 145 25W
11268 BERGEN O'NEIL 1979	GLOBOBUL IMINA	PACIFICA	GULF OF ALASKA	59 30N 145 20W
11269 BERGEN O'NEIL 1979 11270 BERGEN O'NEIL 1979	GLOBOBUL IMINA	PACIFICA	GULF OF ALASKA	59 30N 143 00W
11271 BERGEN O'NEIL 1979	GLOBOBUL IMINA GLOBOSPIRA GLOMOSPIRA GLOMOSPIRA GLOMOSPIRA GUTTULINA GUTTULINA GUTTULINA GYROIDINA GYROIDINA GYROIDINA GYROIDINA GYROIDINA GYROIDINA GYROIDINA	PACIFICA PACIFICA	GULF OF ALASKA	59 30N 142 35W
11272 BERGEN O'NEIL 1979	GLOBOBUL IMI NA	PACIFICA	GULF OF ALASKA	59 00N 141 20W
11273 BERGEN O'NEIL 1979	GLOBOBUL IMINA	PACIFICA PACIFICA PACIFICA PACIFICA	GULF OF ALASKA	59 45N 144 55W
11274 BERGEN O'NEIL 1979 11275 COCKBAIN 1963	GLOBOBUL IMINA	PACIFICA	BRITISH COLUMBIA	59 30N 145 40W
11276 SMITH 1973	GLOBOTEXTULARIA	ANC EPS	OFF ALASKA PENINSULA	49 SON 160 S7W
11277 SMITH 1973	GLOMO5PIRA	GORDIALIS	OFF ALASKA PENINSULA	52 41N 155 36W
11278 SMITH 1973 11279 SMITH 1973	GLOMOSPIRA GLOMOSPIRA	GORDIALIS	NORTH PACIFIC	4.5 47N 160 36W
11280 SMITH 1973	GLOMOSPIRA	GORDIALIS	OFF ALASKA PENINSULA	48 61N 161 07W
11281 TODD LOW 1967	GOESELLA	AMCEPS GORDIALIS GORDIALIS GORDIALIS GORDIALIS FLINTII CHAROIDES GORDIALIS	GULF OF ALASKA	59 32N 142 36W
11282 CUSHMAN 1910 11283 CUSHMAN 1910	GORDIAMMINA	CHAROLOES	OFF OREGON	43 58N 124 36W
11284 TODD LOW 1967	GUTTULINA	ORIENTALIS	GULF OF ALASKA	59 32N 142 36W
11285 BERGEN O'NEIL 1979	GUTTULINA	PROBLEMA	GULF OF ALASKA	56 40N 151 55W
11286 BERGEN O'NEIL 1979 11287 BERGEN O'NEIL 1979	GYROIDINA	ALTIFORMIS ALTIFORMIS	GULF OF ALASKA	59 00N 141 20W
11288 BERGEN O'NEIL 1979	GYROIDINA	ALTIFORMIS	GULF OF ALASKA	59 25N 145 25W
11289 BERGEN O'NEIL 1979	GYROIDINA	ALTIFORMIS	GULF OF ALASKA	59 30N 145 20W
11290 BERGEN O'NEIL 1979	GYROIDINA	GEMMA	GULF OF ALASKA	59 30N 145 20W
11291 BERGEN O'NEIL 1979 11292 BERGEN O'NEIL 1979	GYROIDINA GYROIDINA	G EM M A G EM M A	OREGON COAST  BRITISH COLUMBIA WASHINGTON COAST VASHINGTON COAST SAMISH-PADILLA BAYS WASHINGTON COAST GREGON COAST GREGON COAST GULF OF ALASKA BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA GULF OF ALASKA	59 30N 145 20W 59 30N 143 00W 59 30N 145 40W 59 25N 145 25W 59 20N 145 38W
11293 BERGEN O'NEIL 1979	GYROIDINA	GEMMA	GULF OF ALASKA	59 25N 145 25W
11294 BERGEN O'NEIL 1979	GYROIDINA	10	GULF OF ALASKA	59 20N 145 38W
11295 BERGEN O'NEIL 1979 11296 BERGEN O'NEIL 1979	GYROIDINA	I 0 I 0		58 50N 141 15W 59 00N 141 20W
11297 BERGEN O'NEIL 1979	GYROIDINA GYROIDINA GYROIDINA	10	GULF OF ALASKA	59 30N 143 00W
11298 BERGEN O'NEIL 1979	GYROIDINA	10	GULF OF ALASKA	59 30N 142 55W
11299 BERGEN O'NEIL 1979 11300 BERGEN O'NEIL 1979	GYROIDINA GYROIDINA	10 10	GULF OF ALASKA GULF OF ALASKA	59 25N 145 25W 59 30N 145 20W
11301 BERGEN O'NEIL 1979	GYROIOINA	10	GULF OF ALASKA	59 30N 145 40W
11302 BERGEN O'NEIL 1979	GYROIDINA	LAMARCKIANA	GULF OF ALASKA	59 30N 143 00W
11303 SMITH 1973	GYROIDINA	LAMARCKIANA ORBICULARIS	OFF ALASKA PENINSULA	49 50N 16D 57W
11304 BERGEN 0°NEIL 1979 11305 WHI TEAVES 1886	GYROIDINA HAPLOPHRAGMIUM	CANARIENSE	GULF OF ALASKA STRAIT OF GEORGIA, B.C.	59 30N 143 00W 49 20N 124 28W
11306 WHITEAVES 1886	HAPLOPHRAGMIUM	CANARIENSE	DISCOVERY PASSAGE, B.C.	48 45N 123 33W
11307 WHITEAVES 1886	HAPL OPHRAGMIUM	CANARIENSE CANARIENSE	QUATSINO SOUND, B.C.	SO 37N 128 D1W
11308 WHITEAVES 1886 11309 Cushman 1925	HAPL OP HRAGMIUM HAPL OP HRAGMOIDES	ADVENA	QUEEN CHARLOTTE SD., B.L. Q. CHARLOTTE SD., B.C.	50 S5N 128 DOW 52 20N 131 DOW
11310 CUSHMAN 1925	HAPLOPHRAGMOIDES	ADVENA	VIRAGO SO., B.C.	54 10N 132 30W
11317 CUSHMAN MCCULLOCH 1939	HAPLOPHRAGMOIDES	A OV ENUM	OFF ALASKA	59 23N 135 20W
11312 CUSHMAN TODD 1947 11313 CUSHMAN TODD 1947	HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES	A D V E NUM A D V E NUM	WASHINGTON COAST WASHINGTON COAST	48 33N 123 00W 48 32N 123 10W
11314 TODO LOW 1967	HAPLOPHRAGMOIDES	BRA OY 1	CLARENCE ST., ALASKA	55 21N 131 58W
11315 TODO LOW 1967	HAPLOPHRAGMOIDES	8 RA DY I	KASAAN BAY, ALASKA	55 26N 132 14W
11316 SMITH 1973	HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES	CANARIENSIS	KODIAK, ALASKA Off Alaska Peninsula	57 49N 152 30W
11317 SMITH 1973 11318 CUSHMAN 1910	HAPLOPHRAGMOIDES	CANARIENSIS CANARIENSIS	OFF OREGON	52 41N 155 36W 43 58N 124 36W
11319 CUSHMAN MCCULLOCH 1939	HAPLOPHRAGMOIDES	C OL UMB I ENS E	OFF ALASKA	60 39N 146 00W
11320 DETLING 1958	HAPLOPHRAGMOIDES	COLUMBIENSE	SUNSET BAY, OREGON	43 21N 124 20W

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11321 CUSHMAN TODD 1947 11322 CUSHMAN TODD 1947 11323 CUSHMAN MCCULLOCH 1939	HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES	C OL UMB I ENSE C OL UMB I ENSE C OL UMB I ENSE	WASHINGTON COAST WASHINGTON COAST KETCHIKAN, ALASKA OFF BRIT. COLUMBIA OFF ALASKA	48 32N 123 10W 48 33N 123 00W 55 21N 131 39W
11324 CUSHMAN MCCULLOCH 1939 11325 CUSHMAN MCCULLOCH 1939 11326 CUSHMAN 1925	HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES	COLUMBIENSE EVOLUTUM		60 35N 145 44W 52 20N 131 00W
11327 CUSHMAN TODD 1947 11328 CUSHMAN TODD 1947	HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES	COLUMBIENSIS Glomeratum Glomeratum	Q. CHARLOTTE SD., 8.E. Washington coast Washington coast	48 32N 123 10W 48 33N 123 00W
11329 CUSHMAN MCCULLOCH 1939	HAPLOPHRAGMOIDES	HANCOCKI	KETCHIKAN, ALASKA	55 21N 131 39W
11330 CUSHMAN MCCULLOCH 1939	HAPLOPHRAGMOIDES	HANCOCKI	OFF ALASKA	60 35N 145 44W
11331 COCKBAIN 1963	HAPLOPHRAGMOIDES	NEO BRADY I	BRITISH COLUMBIA	49 15N 123 30W
11332 COCKBAIN 1963	HAPLOPHRAGMOIDES	NEO BRADY I	BRITISH COLUMBIA	49 40N 124 45W
11333 COCKBAIN 1963	HAPLOPHRAGMOIDES	NEO BRADYI	BRITISH COLUMBIA	48 20N 123 00W
11334 COCKBAIN 1963	HAPLOPHRAGMOIDES	NEO BRADYI		48 20N 124 10W
11335 SMITH 1973	HAPLOPHRAGMOIDES	NITIDA	OFF ALASKA PENINSULA	52 41N 155 36W
11336 BERGEN O'NEIL 1979	HAPLOPHRAGMOIDES	Parkerae	GULF OF ALASKA	59 45N 146 00W
11337 BERGEN O'NEIL 1979	HAPLOPHRAGMOIDES	P ARKERAE	GULF OF ALASKA	59 30N 142 SSW
11338 BERGEN O'NEIL 1979	HAPLOPHRAGMOIDES	P ARKERAE		59 25N 145 25W
11339 BERGEN O'NEIL 1979 11340 BERGEN O'NEIL 1979 11341 BERGEN O'NEIL 1979	HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES	PARKERAE PARKERAE	GULF OF ALASKA	59 20N 145 38W 59 00N 141 20W 59 45N 144 55W
11342 BERGEN O'NEIL 1979 11343 BERGEN O'NEIL 1979	HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES	PARKERAE PARKERAE PARKERAE	GULF OF ALASKA GULF OF ALASKA GULF OF ALASKA	59 55N 142 25W 59 30N 145 45W
11344 BERGEN O'NEIL 1979	HAPLOPHRAGMOIDES	PARKERAE	GULF OF ALASKA	59 35N 143 00W
11345 TOOD LOW 1967	HAPLOPHRAGMOIDES	PLANISSIMUS	GULF OF ALASKA	59 32N 142 36W
11346 TOOD LOW 1967	HAPLOPHRAGMOIDES	PLANISSIMUS	TAKU HARBOUR, ALASKA	58 02N 134 00W
11347 TOOD LOW 1967	HAPLOPHRAGMOIDES	PLANISSIMUS		58 25N 135 30W
11348 BERGEN O'NEIL 1979	HAPLOPHRAGMOIDES	PLANISSIMUS	GULF OF ALASKA	59 30N 143 00W
11349 TODD LOW 1967	HAPLOPHRAGMOIDES	SPHAERILOCULUS	GULF OF ALASKA	S9 32N 142 36W
11350 CUSHMAN MCCULLOCH 1939	HAPLOPHRAGMOIDES	SUBGLOBOSUM	OFF ALASKA	60 40N 145 53W
11351 PHLEGER 1967	HAPLOPHRAGMOIDES	SUBINVOLUTUM	Fraser R., B.C.	49 05N 123 06W
11352 PHLEGER 1967	HAPLOPHRAGMOIDES	S UB I NV OLUTUM	OFF ALASKA FRASER R., B.C. COOS, BAY, OREGON GRAY'S HARBOUR, WASH. OFF OREGON	43 25N 124 08W
11353 PHLEGER 1967	HAPLOPHRAGMOIDES	S UB I NV OLUTUS		47 00N 124 08W
11354 CUSHMAN 1927 11355 CUSHMAN 1927 11356 BERGEN O'NEIL 1979	HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES	TENUIS TENUIS	OFF OREGON	42 54N 724 48W 43 08N 124 55W 59 25N 145 25W
11357 SMITH 1973 11358 SMITH 1973	HOEGLUNO INA HOEGLUND INA HOEGLUND INA	ELEGANS ELEGANS ELEGANS	GULF OF ALASKA OFF ALASKA PENINSULA OFF ALASKA PENINSULA	53 53N 161 40W 49 50N 160 57W
11359 SMITH 1973	HORMOSINA	GLOBULIFERA	OFF ALASKA PENINSULA	49 SON 160 57W
11360 SMITH 1973	HYPERAMMINA	CYL INDRICA	OFF ALASKA PENINSULA	49 SON 160 57W
11361 SMITH 1973	HYPERAMMINA	CYLINDRICA	OFF ALASKA PENINSULA	48 61N 161 07W
11362 TODD LOW 1967	HYPERAMMINA	ELONGATA	GULF OF ALASKA	59 32N 142 36W
11363 BERGEN O'NEIL 1979	HYPERAMM INA	E LO NGATA	GULF OF ALASKA	59 30N 142 55W
11364 BERGEN O'NEIL 1979	HYPERAMM INA	E LO NGATA	GULF OF ALASKA	59 25N 145 25W
11365 BERGEN O'NEIL 1979	HYPERAMMINA	E LO NGATA	GULF OF ALASKA	59 30N 143 00W
11366 BERGEN O'NEIL 1979	HYPERAMMINA	E LO NGATA	GULF OF ALASKA	59 30N 145 20W
11367 BERGEN O'NEIL 1979 11368 SMITH 1973	HYPERAMMINA HYPERAMMINA	ELONGATA FRIABILIS	GULF OF ALASKA OFF ALASKA PENINSULA OFF ALASKA PENINSULA	59 00N 141 20W 49 50N 160 57W
	HYPERAMMINA INVOLUTINA INVOLUTINA	FRIABILIS GULLMARENSIS GULLMARENSIS	BRITISH COLUMBIA BRITISH COLUMBIA	48 45N 123 00W 49 15N 123 30W
11372 COCKBAIN 1963	INVOLUTINA INVOLUTINA	GULLMARENSIS GULLMARENSIS GULLMARENSIS		
11374 COCKBAIN 1963	INVOLUTINA	GUL LMARENSIS	BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA OFF ALASKA PENINSULA	48 20N 124 10W
11375 SMITH 1973	INVOLUTINA	TENUIS		49 SON 160 57W
11376 SMITH 1973	INVOLUTINA	T ENU I S	OFF ALASKA PENINSULA	53 16N 161 33W
11377 SMITH 1973	JACULELLA	A CUTA	OFF ALASKA PENINSULA	53 16N 161 33W
11378 SMITH 1973 11379 SMITH 1973	JACULELLA JACULELLA	A C U T A A C U T A		
11380 SMITH 1973	JACULELLA	POLYSTOMA	OFF ALASKA PENINSULA	48 61N 161 07W
11381 PHLEGER 1967	JADAMMINA		GRAY'S HARBOUR, WASH.	47 00N 124 08W
11382 PHLEGER 1967 11383 PHLEGER 1967	JADAMMINA JADAMMINA KARRERIELLA	POLYSTOMA POLYSTOMA BACCATA	FRASER R., B.C. COOS, BAY, OREGON GULF OF ALASKA	49 05N 123 06W 43 25N 124 08W 59 30N 145 40W
11384 BERGEN O'NEIL 1979 11385 BERGEN O'NEIL 1979 11386 BERGEN O'NEIL 1979	KARRERIELLA KARRERIELLA KARRERIELLA	BACCATA BACCATA	GULF OF ALASKA GULF OF ALASKA	58 35N 138 15W 59 42N 144 10W
11387 BERGEN O'NEIL 1979	KARRERIELLA	BACCATA	GULF OF ALASKA	59 35N 143 00W
11388 BERGEN O'NEIL 1979	KARRERIELLA	BACCATA	GULF OF ALASKA	59 45N 144 55W
11389 BERGEN O'NEIL 1979	KARRERIELLA	BAC CATA	GULF OF ALASKA	59 55N 142 25W
11390 BERGEN O'NEIL 1979	KARRERIELLA	BAC CATA	GULF OF ALASKA	58 35N 139 15W
11391 BERGEN O'NEIL 1979	KARRERIELLA	B AC CATA	GULF OF ALASKA	S6 40N 151 55W
11392 BERGEN O'NEIL 1979	KARRERIELLA	B AC CATA	GULF OF ALASKA	59 55N 14S 40W
11393 BERGEN O'NEIL 1979	KARRERIELLA	BAC CATA	GULF OF ALASKA	59 35N 146 30W
11394 BERGEN O'NEIL 1979	KARRERIELLA	BAC CATA	GULF OF ALASKA	56 25N 152 45W
11395 TODD LOW 1967	KARRERIELLA	BACCATA	GULF OF ALASKA	59 32N 142 36W
11396 TODD LOW 1967	KARRERIELLA	BACCATA	KASAAN BAY, ALASKA	55 26N 132 14W
	KARRERIELLA KARRERIELLA KARRERIELLA	PARKERAE PARKERAE PARKERAE	GULF OF ALASKA GULF OF ALASKA GULF OF ALASKA	59 00N 141 20W 59 30N 142 55W
11400 BERGEN O'NEIL 1979	KARRERIELLA KARRERIELLA	PARKERAE PARKERAE	GULF OF ALASKA GULF OF ALASKA	59 30N 143 00W 59 30N 145 40W 59 35N 143 00W
11402 BERGEN O'NEIL 1979	KARRERIELLA	PARKERAE	GULF OF ALASKA	59 30N 145 20W
	KARRERIELLA	PARKERAE	GULF OF ALASKA	59 25N 145 25W
11404 CUSHMAN MCCULLOCH 1950	L A G E N A	A CUTICOSTA	KETCHIKAN, ALASKA	55 21N 131 39W
	L A G E N A	A CUTICOSTA	OFF ALASKA	56 28N 132 23W
11406 CUSHMAN TODD 1947 11407 TODD LOW 1967	L A G E N A L A G E N A	A CU T I C O S T A A MP H O R A	WASHINGTON COAST	48 32N 123 10W
11408 TODD LOW 1967	L A G E N A	AMPHORA	CLARENCE ST., ALASKA	55 21N 131 58W
11409 BERGEN O'NEIL 1979	L A G E N A	API OPLEURA	GULF OF ALASKA	59 55N 145 40W
11410 BERGEN O'NEIL 1979	LAGENA	APIOPLEURA	GULF OF ALASKA	56 30N 152 40W
11411 BERGEN O'NEIL 1979	LAGENA	APIOPLEURA	GULF OF ALASKA	59 45N 144 55W
11412 BERGEN O'NEIL 1979	LAGENA	APIOPLEURA	GULF OF ALASKA	59 42N 144 10W
11413 BERGEN O'NEIL 1979	LAGENA	APIOPLEURA	GULF OF ALASKA	59 30N 145 40W
11414 BERGEN O'NEIL 1979	LAGENA	APIOPLEURA	GULF OF ALASKA	56 35N 151 50W
11414 BERGEN O'NEIL 1979	LAGENA	APIOPLEURA	GULF OF ALASKA	56 40N 151 50W

Publication	Generic Name	Specific Name	Locality	Lat. Long.
11416 CUSHMAN TODD 1947	LAGENA	CLAVATA	WASHINGTON COAST	48 32N 123 10W
11417 CUSHMAN TOOD 1947	LAGENA	A TAT 20 3	WASHINGTON COAST	48 33N 123 00W 48 32N 123 10W
11418 CUSHMAN TODD 1947 11419 CUSHMAN MCCULLOCH 1950	LAGENA	COSTATA COSTATA	WASHINGTON COAST OFF ALASKA	56 28N 132 23W
11420 COCKBAIN 1963	LAGENA LAGENA LAGENA	DENTALINIFORMIS	BRITISH COLUMBIA	48 20N 123 00W
11421 COCKBAIN 1963	LAGENA	DISTOMA	ATTICH COLUMBIA	48 20N 123 00W
11422 COCKBAIN 1963	LAGENA	DISTOMA	BRITISH COLUMBIA BRITISH COLUMBIA	48 14N 123 30W
	LAGENA	DISTOMA	BRITISH COLUMBIA	49 00N 123 15W 48 45N 123 00W
11424 COCKBAIN 1963 11425 TODD LOW 1967	L A G E N A L A G E N A	DISTOMA	BRITISH COLUMBIA	55 21N 131 58W
		DISTOMA DISTOMA	CLARENCE ST. ALASKA KASAAN BAY, ALASKA GUIF OF ALASKA	55 26N 132 14W
11427 TODO LOW 1967	LAGENA	DISTOMA	GULF OF ALASKA	
11428 CUSHMAN MCCULLOCH 1950	LAGENA LAGENA LAGENA LAGENA LAGENA	DISTOMA	OFF ALASKA	60 40N 145 53W
11429 CUSHMAN MCCULLOCH 1950 11430 TODD LOW 1967	LAGENA	DISTOMA	OFF ALASKA	56 28N 132 23W
11431 TODD LOW 1967	LAGENA	ELONGATA ELONGATA	CHARENCE 21. A MEMORY	59 32N 142 36W
11432 BERGEN O'NEIL 1979	LAGENA LAGENA LAGENA LAGENA	ELONGATA	GULF OF ALASKA	59 30N 145 20W
11433 BERGEN O'NEIL 1979	LAGENA	ELONGATA	GULF OF ALASKA	59 30N 143 00W
11434 COCKBAIN 1963 11435 CUSHMAN 1927	LAGENA	ELONGATA	BRITISH COLUMBIA	48 20N 123 00W
11436 BERGEN O'NEIL 1979	LAGENA LAGENA LAGENA	E LO NGATA E LO NGATA	GILLE OF ALASKA	59 20N 145 38W
11437 BERGEN O'NEIL 1979	LAGENA	ELONGATA	GULF OF ALASKA	59 25N 145 25W
11438 BERGEN O'NEIL 1979	LAGENA	ELONGATA	GULF OF ALASKA	59 30N 142 55W
11439 BERGEN O'NEIL 1979	LAGENA	ELONGATA	GULF OF ALASKA	59 35N 143 00W
11440 BERGEN O'NEIL 1979 11441 BERGEN O'NEIL 1979	LAGENA	ELONGATA	COLF OF ALASKA	50 30N 141 20W
11442 BERGEN O'NEIL 1979	LAGENA	E LO NGATA E LO NGATA	GULF OF ALASKA	58 35N 138 15W
11443 BERGEN O'NEIL 1979	LAGENA	ELONGATA	OFF ALASKA CLARENCE ST., ALASKA GULF OF ALASKA GULF OF ALASKA GULF OF ALASKA BRITISH COLUMBIA OFF OREGON GULF OF ALASKA	59 42N 144 10W
11444 BERGEN O'NEJL 1979	LAGENA	ELONGATA	GULF OF ALASKA	56 40N 151 SSW
11445 EUSHMAN TOOD 1947 11446 CUSHMAN TOOD 1947	LAGENA	GRACILIS GRACILIS	GULF OF ALASKA WASHINGTON COAST WASHINGTON COAST BRITISH COLUMBIA OFF OREGON	48 35N 125 UOW
11447 COCKBAIN 1963	LAGENA	GRACILIS	BRITISH COLUMBIA	48 45N 123 00W
11448 CUSHMAN 1927	LAGENA	GRACILIS	OFF OREGON	42 54N 124 44W
11449 CUSHMAN 1927	LAGENA	GRACILIS	OFF OREGON	45 SSN 124 48W
11450 COCKBAIN 1963	LAGENA	GRACILIS	BRITISH COLUMBIA	48 20N 123 00W
11451 BERGEN O'NEIL 1979 11452 BERGEN O'NEIL 1979	LAGENA	GRACILIS GRACILIS	COLL OF WEWZEN	58 35N 138 15W
11453 BERGEN O'NEIL 1979	LAGENA	GRACILIS	GULF OF ALASKA	59 00N 141 20W
11454 BERGEN O'NEIL 1979	LAGENA	GRACILIS	GULF OF ALASKA	59 30N 145 40W
11455 BERGEN O'NEIL 1979	L A G E N A L A G E N A L A G E N A	GRACILIS	OFF OREGON BRITISH COLUMBIA GULF OF ALASKA GULF OF OREGON	58 30N 139 00W
11456 CUSHMAN 1927 11457 CUSHMAN 1927	LAGENA	GRACILLIMA GRACILLIMA	OFF OREGON OFF OREGON	42 54N 124 48W 43 06N 125 08W
11458 TOOD LOW 1967	LAGENA LAGENA	HISPIDULA	GULF OF ALASKA GULF OF ALASKA	59 32N 142 36W
11459 TODD LOW 1967	LAGENA	LAEVIS	GULF OF ALASKA	59 32N 142 36W
11460 BERGEN O'NEIL 1979	LAGENA	LAEVIS	GULF OF ALASKA	43 06N 125 08W 59 32N 142 36W 59 32N 142 36W 58 35N 138 15W 59 42N 144 10W
11461 BERGEN O'NEIL 1979	LAGENA LAGENA LAGENA LAGENA LAGENA LAGENA LAGENA LAGENA LAGENA	LAEVIS	GULF OF ALASKA	59 42N 144 10W 59 30N 145 40W
11462 BERGEN O'NEIL 1979 11463 BERGEN O'NEIL 1979	LAGENA	L AE VIS L AE VIS	GULF OF ALASKA GULF OF ALASKA	59 55N 142 25W
11464 BERGEN O'NEIL 1979	LAGENA	LAEVIS	GULF OF ALASKA	59 45N 144 SSW
11465 CUSHMAN MCCULLOCH 1950	LAGENA	LAEVIS BAGGI	OFF ALASKA	56 28N 132 23W
11400 COSIMAN 1727	Chocke	LAMELLATA	OFF ALASKA OFF OREGON GULF OF ALASKA	43 14N 124 43W
		MERIDIONALIS MERIDIONALIS	GULF OF ALASKA	59 45N 144 55W
11469 BERGEN O'NEIL 1979	LAGENA LAGENA LAGENA	MERIDIONALIS	GULF OF ALASKA	58 50N 141 15W
11470 FODD LOW 1967	LAGENA	MERIDIONALIS	KASAAN BAY, ALASKA	55 26N 132 14W
11471 TODD LOW 1967	LAGENA LAGENA LAGENA	MERIDIONALIS	GULF OF ALASKA	59 32N 142 36W
11472 BERGEN O'NEIL 1979 11473 BERGEN O'NEIL 1979	LAGENA	M OL L I S NEBULOS A	GULF OF ALASKA GULF OF ALASKA	59 30N 145 20W 59 00N 141 20W
11474 CUSHMAN 1925	LAGENA	O RB 1 GNY ANA	Q. CHARLOTTE SD., B.C.	52 20N 131 00W
11475 BERGEN O'NEIL 1979	LAGENA	PARRI	GULF OF ALASKA	59 45N 144 55W
11476 BERGEN O'NEIL 1979	L AGENA L AGENA L AGENA L AGENA	PARRI	GULF OF ALASKA GULF OF ALASKA	S9 SSN 142 25W 59 35N 143 00W
		PARRI PERLUCIDA		48 33N 123 00W
11479 CUSHMAN MCCULLOCH 1950	LAGENA LAGENA LAGENA	PERLUCIDA	OFF ALASKA	60 40N 145 53W
11480 CUSHMAN MCCULLOCH 1950	LAGENA	PERLUCIDA	OFF ALASKA	56 28N 132 23W
11481 CUSHMAN TOOD 1947 11482 EUSHMAN TODD 1947	LAGENA	PERLUCIDA PLIOCENICA	WASHINGTON COAST	48 32N 123 10W
11483 CUSHMAN TODO 1947	LAGENA	PLIOCENICA	WASHINGTON COAST WASHINGTON COAST	47 48N 122 43W 48 33N 123 00W
11484 COCKBAIN 1963	LAGENA LAGENA LAGENA LAGENA	PLIOCENICA	BRITISH COLUMBIA	48 14N 123 30W
11485 COCKBAIN 1963	LAGENA	PLIOCENICA	BRITISH COLUMBIA	48 45N 123 00W
11486 COCKBAIN 1963	LAGENA LAGENA	PLIOCENICA	BRITISH COLUMBIA	48 20N 123 00W
11487 BERGEN O'NEIL 1979 11488 TODD LOW 1967	L A G E N A L A G E N A	PLIOCENICA PLIOCENICA	GULF OF ALASKA GULF OF ALASKA	58 35N 138 15W 59 32N 142 36W
11489 CUSHMAN MCCULLOCH 1950	LAGENA	PLIOCENICA DISCREPANS	KETCHIKAN, ALASKA	55 21N 131 39W
11490 BERGEN O'NEIL 1979	LAGENA	SEMILINEATA	GULF OF ALASKA	59 00N 141 20W
11491 BERGEN O'NEIL 1979	LAGENA	SEMILINEATA	GULF OF ALASKA	58 35N 138 15W
11492 BERGEN O'NEIL 1979	LAGENA	SEMILINEATA	GULF OF ALASKA GULF OF ALASKA	59 42N 144 10W 59 45N 144 55W
11493 BERGEN O'NEIL 1979 11494 BERGEN O'NEIL 1979	LAGENA LAGENA	S EM ILINEATA S EM ILINEATA	GULF OF ALASKA	59 55N 142 25W
11495 CUSHMAN MCCULLOCH 1950	LAGENA	SEMILINEATA	OFF ALASKA	60 40N 145 53W
11496 BERGEN O'NEIL 1979	LAGENA	SEMILINEATA	GULF OF ALASKA	59 45N 146 00W
11497 BERGEN O'NEIL 1979	LAGENA	S EM ILINEATA	GULF OF ALASKA	59 30N 145 40W
11498 BERGEN O'NEIL 1979 11499 BERGEN O'NEIL 1979	LAGENA LAGENA	S TRIATA S TRIATA	GULF OF ALASKA GULF OF ALASKA	59 30N 145 40W 59 20N 145 38W
11500 BERGEN O'NEIL 1979	LAGENA	STRIATA	GULF OF ALASKA	59 30N 142 SSW
11501 BERGEN O'NEIL 1979	LAGENA	STRIATA	GULF OF ALASKA	59 00N 141 20W
11502 BERGEN O'NEIL 1979	LAGENA	STRIATA	GULF OF ALASKA	58 35N 138 15W
11503 BERGEN O'NEIL 1979 11504 BERGEN O'NEIL 1979	LAGENA LAGENA	STRIATA STRIATA	GULF OF ALASKA GULF OF ALASKA	59 35N 143 00W 59 42N 144 10W
11505 LANKFORD PHLEGER 1973	LAGENA	STRIATA	CRESCENT CITY, CALIF.	41 45N 124 13W
11506 TODD LOW 1967	LAGENA	STRIATA	KASAAN BAY, ALASKA	55 26N 132 14W
11507 TODD LOW 1967	LAGENA	STRIATA	GULF OF ALASKA	59 32N 142 36W
11508 CUSHMAN MCCULLOCH 1950 11509 BERGEN O'NEIL 1979	LAGENA LAGENA	STRIATA STRIATA	OFF ALASKA GULF CF ALASKA	56 28N 132 23W
11509 BERGEN O'NEIL 1979	LAGENA	STRIATA	GULF OF ALASKA	59 45N 144 55W 56 25N 152 45W
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Publication	Generic Name	Specific Name	Locality	Lat. Long.
11511 BERGEN O'NEIL 1979	LAGENA	STRIATA	GULF OF ALASKA GULF OF ALASKA WASHINGTON COAST OFF ALASKA	59 SSN 145 40W
11512 BERGEN O'NEIL 1979	LAGENA	STRIATA	GULF OF ALASKA	59 55N 142 25W
11513 CUSHMAN TODD 1947 11514 CUSHMAN MCCULLOCH 1950	LAGENA	STRIATO-PUNCTATA COMPLEXA STRIATOPUNCTATA	WASHINGTON COAST	56 28N 132 23H
11515 CUSHMAN MCCULLOCK 1950	LAGENA LAGENA LAGENA LAGENA	STRIATOPUNCTATA GEMMA	OFF ALASKA	60 28N 146 2/W
		SUBSTRIATA	OFF OREGON	43 09N 124 42W
11517 CUSHMAN 1927 11518 CUSHMAN 1927	LAGENA LAGENA	SUBSTRIATA SUBSTRIATA	OFF OREGON OFF OREGON	43 14N 124 43W 42 55N 124 45W
11519 CUSHMAN 1927	LAGENA	SUBSTRIATA	OFF OREGON	42 54N 124 44W
11520 COCKBAIN 1963	LAGENA	SULCATA	BRITISH COLUMBIA	48 45N 123 00W
11521 COCKBAIN 1963	LAGENA	SULCATA	BRITISH COLUMBIA	48 20N 123 00W
11522 WHITEAVES 1886 11523 CUSHMAN TODD 1947	LAGENA LAGENA	SULCATA SULCATA APICULATA	DISCOVERY PASSAGE, B. C. WASHINGTON COAST	48 33N 123 00W
11524 CUSHMAN MCCULLOCH 1950	LAGENA	SULCATA PECULIARIS	OFF ALASKA	56 28N 132 23W
11525 BERGEN O'NEIL 1979 11526 BERGEN O'NEIL 1979	LAGENA	SULCATA SPICATA	GULF OF ALASKA	59 42N 144 10W 59 35N 143 00W
11527 BERGEN O'NE IL 1979	L A G E N A L A G E N A	SULCATA SPICATA SULCATA SPICATA	GULF OF ALASKA GULF OF ALASKA GULF OF ALASKA KETCHIKAN, ALASKA OFF ALASKA DEPOE BAY, OREGON CRESCENT CITY, EALIF- TAKU HARBOUR, ALASKA GULF OF ALASKA	59 45N 144 55W
11528 BERGEN O'NEIL 1979	LAGENA LAGENA LAGENA MINA LAGENAMMINA LAGENAMMINA	SULCATA SPICATA	GULF OF ALASKA	59 30N 145 40W
11529 EUSHMAN MCCULLOCH 1950 11530 CUSHMAN MCCULLOCH 1950	LAGENA	SULCATA SPICATA SULCATA SPICATA	KETCHIKAN, ALASKA	55 21N 131 39W
11531 LANKFORD PHLEGER 1973	LAGENAMMINA	A TLANTICA	DEPOE BAY, OREGON	44 47N 124 05W
11532 LANKFORD PHLEGER 1973	LAGENAMMINA	ATLANTICA	CRESCENT CITY, CALIF.	41 45N 124 13W
11533 TODD LOW 1967	LAGENONODOS ARIA LAGENONODOS ARIA LAGENONODOS ARIA	SCALARIS	TAKU HARBOUR, ALASKA	58 02N 134 00W
11534 BERGEN O'NEIL 1979 11535 TODD LOW 1967	LAGENONODOSARIA	S CALARIS S CALARIS	GULF OF ALASKA	59 32N 142 36W
11536 COCKBAIN 1963	LAGENONODOSARIA	SCALARIS	BRITISH COLUMBIA	48 20N 123 00W
11537 BERGEN O'NEIL 1979	L A GENONO DOS AR 1 A	SCALARIS	GULF OF ALASKA	59 55N 145 40W
11538 BERGEN O'NEIL 1979 11539 BERGEN O'NEIL 1979	LARYNGOS IGMA LENT I CUL INA	HYALASCIDIA NICOBARENSIS	GULF OF ALASKA	58 SON 141 15W
11540 BERGEN O'NEIL 1979	LOXOSTOMA	PORRECTA	GULF OF ALASKA	58 50N 141 15W
11541 BERGEN O'NEIL 1979	LOXOSTOMA	PSE UDOBEYRICH!	GULF OF ALASKA	59 30N 145 45W
11542 BERGEN O'NEIL 1979 11543 BERGEN O'NEIL 1979	LOXOSTOMA LOXOSTOMA	PSE U 0 0 8 E Y R I C H I P SE U 0 0 B E Y R I C H I	GULF OF ALASKA	59 00N 141 20W
11544 BERGEN O'NEIL 1979	LOXOSTOMA	PSE UDOBEYRICHI	GULF OF ALASKA GULF OF ALASKA GULF OF ALASKA	59 25N 145 25W
11545 BERGEN O'NEIL 1979	LOXOSTOMA	PSEUDOBEYRICHI	GULF OF ALASKA	59 35N 143 00W
11546 SMITH 1973 11547 CUSHMAN TODD 1947	LOXOSTOMUM LOXOSTOMUM	AMY GDAL I FORM IS I NS TABILE	OFF ALASKA PENINSULA	54 55N 157 59W
11548 TODD LOW 1967	MARGINULINA	GLABRA	GULF OF ALASKA	59 32N 142 36W
11549 BERGEN O'NEIL 1979	MARTINOTTIELLA	OCCIDENTALIS	GULF OF ALASKA	59 00N 141 20W
11550 BERGEN O'NEIL 1979 11551 HAMLIN 1960	MARGINULINA MARTINOTTIELLA MARTINOTTIELLA MASSILINA	OCCIDENTALIS CRESCENTENSIS	GULF OF ALASKA	59 30N 143 00W
11552 HAMLIN 1960	MASSILINA	CRESCENTENSIS	PORT ORFORD, OREGON	42 45N 124 31W
11553 LANKFORD PHLEGER 1973	MASSILINA	PULCHRA	CRESCENT CITY, CALIF.	41 45N 124 13W
11554 CUSHMAN TOOD 1947	MASSILINA	PUL CHRA	WASHINGTON COAST	48 33N 123 00W
11555 CUSHMAN TODD 1947 11556 SMITH 1973	MASSILINA MELONIS	PUL CHRA AFF INE	OFF ALASKA PENINSULA	49 50N 160 57H
11557 BERGEN O'NEIL 1979	MELONIS	POMPILIOIDES	GULF OF ALASKA	59 00N 141 20W
11558 PHLEGER 1967	MILIAMMINA MILIAMMINA	FUSCA	GULF OF ALASKA GRAY GULF GULF OF ALASKA GULF OF ALASKA GRAY'S HASKA GRAY'S	47 DON 124 D8W
115AN STATT 1974	M I I I A M M I N A	F US C A F US C A	SAMISH-PADILLA RAYS	48 35N 122 28W
11561 PHLEGER 1967	MILIAMMINA	FUSCA	COOS, BAY, OREGON	43 25N 124 08W
11562 PHLEGER 1967	MILIAMMINA MILIAMMINA MILIAMMINA MILIAMMINA MILIAMMINA MILIAMMINA MILIAMMINA	FUSCA	PHILLIPS ARM, B.C.	50 30N 125 00W
11563 PHLEGER 1967 11564 CUSHMAN TOOO 1947	MILIAMMINA	FUS CA FUS CA		49 05N 123 06W 48 32N 123 10W
11565 CUSHMAN TODO 1947	MILIAMMINA	FUSCA	WASHINGTON COAST	48 33N 123 00W
11566 WHITEAVES 1886	MILIOLINA	F ER USSACH11	QUEEN CHARLOTTE SD., B.C.	
11567 WHITEAVES 1886 11568 WHITEAVES 1886	MILIOLINA MILIOLINA	S EM I NUL UM S EM I NUL UM	DISCOVERY PASSAGE, B.C. QUEEN CHARLOTTE SD., B.C.	48 45N 123 33W 50 55N 128 00W
11569 WHITEAVES 1886	MILIOLINA	S EM I NUL UM	STRAIT OF GEORGIA, B.C.	49 30N 124 22W
11570 LANKFORD PHLEGER 1973	MILIOLINELLA	CALIFORNICA	CRESCENT CITY, CALIF.	41 45N 124 13W
11571 COOPER 1961 11572 COOPER 1961	MILIOLINELLA MILIOLINELLA	C 1R CUL AR I S C 1R CUL AR 1 S	OREGON COAST OREGON COAST	43 07N 124 26W 44 49N 124 04W
11573 SMITH 1973	MILIOLINELLA	5 UB R OT U N O A	OREGON COAST OFF ALASKA PENINSULA OFF ALASKA PENINSULA OFF ALASKA PENINSULA NORTH PACIFIC OFF ALASKA PENINSULA GULF OF ALASKA	49 50N. 160 57W
11574 SMITH 1973	MILIOLINELLA	SUBROTUNDA	OFF ALASKA PENINSULA	53 16N 161 33W
11575 SMITH 1973 11576 SMITH 1973	MILIOLINELLA MILIOLINELLA	S UB R O T U N O A S UB R O T U N D A	NORTH PACIFIC	43 47N 160 36W
11577 SMITH 1973	NOBELLUM	MEMBRANACEUM	OFF ALASKA PENINSULA	52 41N 155 36W
11578 BERGEN O'NEIL 1979	NODOSARIA	CALOMORPHA		
11579 WHITEAVES 1886 11580 WHITEAVES 1886	NODOSARIA NODOSARIA NODOSARIA	PAUPERATA PAUPERATA	STRAIT OF GEORGIA, B.C. STRAIT OF GEORGIA, B.C.	49 50N 124 42W
11581 CUSHMAN TOOD 1947	NODOSARIA	SCALARIS	WASHINGTON COAST	47 40N 122 25W
11305 COSMINN 1000 1747	MODOSAKIA	SCALARIS	WASHINGTON COAST	48 33N 123 00W
11583 CUSHMAN TODD 1947 11584 CUSHMAN MCCULLOCH 1950	NODOSARIA NODOSARIA	S CALARIS SUBSCALARIS	WASHINGTON COAST	48 32N 123 10W 56 28N 132 23W
11585 CUSHMAN MCCULLOCH 1940	NONION	GRATELOUP1	OFF ALASKA	56 28N 132 23W
11586 DETLING 1958	NONION	GRATELOUPII	SUNSET BAY, OREGON	43 21N 124 20W
11587 CUSHMAN 1927 11588 CUSHMAN 1927	NONION	L ABRACORICA L ABRACORICA	OFF OREGON OFF OREGON	43 O2N 124 55W 42 54N 124 44W
11589 CUSHMAN 1927	NONION	LABRADORICA	OFF OREGON	43 09N 124 42W
11590 EUSHMAN 1927	иотиои	LABRADORICA	OFF OREGON	42 55N 124 45W
11591 CUSHMAN 1927 11592 CUSHMAN 1927	NONION	L AB RADORICA L AB RADORICA	OFF OREGON OFF OREGON	45 54N 124 48W 42 54N 124 43W
11593 CUSHMAN 1927	NONION	LABRADORICA	OFF OREGON	42 54N 124 45W
11594 SMITH 1973	NONION	LABRACORICUM	KODIAK, ALASKA	57 49N 152 30W
11595 SMITH 1973 11596 EUSHMAN MECULLOCH 1940	NONION NONION	LABRADORICUM Pizarrense basispinatum	OFF ALASKA PENINSULA OFF ALASKA	53 53N 161 40W
11598 LUSHMAN MECUCCOCH 1940 11597 CUSHMAN TODO 1947	NONION	PIZARRENSE BASISPINATUM	WASHINGTON COAST	56 28N 132 23W 48 33N 123 00W
11598 CUSHMAN TODD 1947	NOINON	PIZARRENSE BASISPINATUM	WASHINGTON COAST	47 48N 122 43W
11599 CUSHMAN TODD 1947	NONION	PIZARRENSE BASISPINATUM	WASHINGTON COAST	48 32N 123 10W
11600 EUSHMAN 1927 11601 EUSHMAN 1927	NON 10N NON 10N	PUNCTATA PUNCTATA	OFF OREGON OFF OREGON	43 07N 124 41W 42 54N 124 44W
11602 CUSHMAN 1927	NONION	PUNCTATA	OFF OREGON	42 54N 124 43W
11603 CUSHMAN 1927	NONION	SCAPHA	OFF OREGON	43 02N 124 55W
11604 NATLAND 1933 11605 SMITH 1973	NON ION NON ION	S CA PHA S CA PHUM	CRESCENT CITY, CALIF. OFF ALASKA PENINSULA	41 46N 124 14W 54 55N 157 59W

Publication	Generic Name	Specific Name	Locality	Lat. Long.
11606 CUSHMAN TOOD 1947 11607 SMITH 1973	NONIONELLA	A UR I CUL A	WASHINGTON COAST	48 33N 123 00W
	NONIONELLA NONIONELLA	A UR I CUL A A UR I CUL A	OFF ALASKA PENINSULA WASHINGTON COAST	56 23N 154 27W 48 32N 123 10W
11609 COCKBAIN 1963	NONIONEL LA NONIONEL LA	BASISPINATA	BRITISH COLUMBIA	48 45N 123 00W
11610 COOPER 1961 11611 COCKBAIN 1963	NON IONEL LA NON IONEL LA	B AS I SPINATA B AS I SPINATA	OREGON COAST	43 07N 124 26W
11612 COCKBAIN 1963	NONIONELLA	BASISPINATA	BRITISH COLUMBIA	48 20N 123 00W
11613 SMITH 1973 11614 BERGEN O'NEIL 1979	NONIONELLA NONIONELLA	B RA OYI DIGITATA	BRITISH COLUMBIA OREGON COAST BRITISH COLUMBIA BRITISH COLUMBIA OFF ALASKA PENINSULA GULF OF ALASKA	56 23N 154 27W
11615 BERGEN O'NEIL 1979	NONIONELLA	O IG I TATA	GULF OF ALASKA	29 42N 144 22M
11616 BERGEN O'NEIL 1979 11617 BERGEN O'NEIL 1979	NONIONELLA NONIONELLA	O IG ITATA D IG ITATA	GULF OF ALASKA	59 30N 142 55W 59 30N 145 20W
11618 BERGEN O'NEIL 1979	NONIONELLA	DIGITATA	GULF OF ALASKA	59 30N 143 00W
11619 BERGEN O'NEIL 1979 11620 BERGEN O'NEIL 1979	NONIONEL LA NONIONEL LA	OIGITATA	GULF OF ALASKA	59 00N 141 20W 59 20N 145 38W
11621 BERGEN O'NEIL 1979	NONIONELLA	O IG ITATA D IG ITATA	GULF OF ALASKA	56 35N 151 50W
11622 BERGEN O'NEIL 1979 11623 BERGEN O'NEIL 1979	NONIONEL LA NONIONEL LA	D IG I TATA D IG I TATA	GULF OF ALASKA	59 35N 143 00W 59 42N 144 10W
11624 BERGEN O'NEIL 1979	NONIONELLA	DIGITATA	GULF OF ALASKA	59 30N 145 40W
11625 COCKBAIN 1963 11626 COCKBAIN 1963	NONIONELLA NONIONELLA	L AB RADORICA L AB RADORICA	BRITISH COLUMBIA	49 00N 123 15W 48 20N 123 00W
11627 COCKBAIN 1963	NONIONELLA	LABRADORICA	BRITISH COLUMBIA	48 14N 123 30W
11628 COCKBAIN 1963 11629 CUSHMAN 1927	NON IONELLA	LABRADORICA	BRITISH COLUMBIA BRITISH COLUMBIA OFF OREGON	49 15N 123 30W 42 54N 124 48W
11630 CUSHMAN MCCULLOCH 1940	NONIONELLA	MIOCENICA MIOCENICA	OFF ALASKA	56 28N 132 23W
11631 CUSHMAN MCCULLOCH 1940 11632 CUSHMAN MCCULLOCH 1940	NONIONELLA	MIOCENICA STELLA	OFF ALASKA	60 35N 145 44W
11633 CUSHMAN MCCULLOCH 1940	NONIONELLA NONIONELLA	MIOCENICA MIOCENICA STELLA MIOCENICA STELLA MIOCENICA STELLA	KETCHIKAN, ALASKA Off Alaska	55 21N 131 39W 56 28N 132 23W
11634 CUSHMAN FODD 1947 11635 COCKBAIN 1963	NONIONELLA	MIOCENICA STELLA	WASHINGTON COAST	48 33N 123 00W
11636 COCKBAIN 1963	NONIONELLA NONIONELLA	MIOCENICA STELLA MIOCENICA STELLA	BRITISH COLUMBIA BRITISH COLUMBIA	48 45N 123 00W 49 00N 123 15W
11637 COCKBAIN 1963 11638 COCKBAIN 1963	NONIONELLA	MIOCENICA STELLA	BRITISH COLUMBIA	48 20N 124 10W
11639 ECHOLS 1969	NONIONEL LA	MIOCENICA STELLA MIOCENICA STELLA	WASHINGTON COAST	48 20N 123 00W 47 30N 124 22W
11640 DETLING 1958 11641 ECHOLS 1969	NONIONELLA NONIONELLA NONIONELLA	MIOCENICA STELLA	SUNSET BAY, OREGON	43 21N 124 20W
11642 ECHOLS 1969	NONIONELLA	MIOCENICA STELLA MIOCENICA STELLA	WASHINGTON COAST	48 ZUN 124 44W 47 OON 124 12W
11643 BERGEN O'NEIL 1979 11644 TOOD LOW 1967	NONIONEL LA	PULCHELLA	GULF OF ALASKA	59 45N 144 55W
11645 TODD LOW 1967	NONIONEL LA NONIONEL LA	PUL CHELLA PUL CHELLA	GULF OF ALASKA	59 32N 142 36W
11646 TODD LOW 1967	NONIONELLA	PULCHELLA	KASAAN BAY, ALASKA	55 26N 132 14W
11647 BERGEN O'NEIL 1979 11648 BERGEN O'NEIL 1979	NONIONEL LA	PUL CHELLA PUL CHELLA	GULF OF ALASKA	59 50N 145 47W
11649 BERGEN O'NEIL 1979	NONIONELLA	PULCHELLA	GULF OF ALASKA	59 56N 141 35W
11650 BERGEN O'NEIL 1979 11651 BERGEN O'NEIL 1979	NONIONEL LA NONIONEL LA	PUL CHELLA PUL CHELLA	WASHINGION COASI BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA WASHINGTON COAST SUNSET BAY, OREGON WASHINGTON COAST GULF OF ALASKA CLARENCE ST., ALASKA GULF OF ALASKA	59 55N 142 25W
11652 BERGEN O'NEIL 1979	NONIONELLA			
11653 BERGEN O'NEIL 1979 11654 BERGEN O'NEIL 1979	NONIONEL LA NONIONEL LA	PUL CHELLA PUL CHELLA		59 56N 144 25W 59 42N 144 10W
11655 BERGEN O'NEIL 1979	NONIONELLA	PULCHELLA	GULF OF ALASKA	59 35N 143 00W
11656 BERGEN O'NEIL 1979 11657 BERGEN O'NEIL 1979	NONIONEL LA NONIONEL LA	PUL CHELLA PUL CHELLA	GULF OF ALASKA GULF OF ALASKA CRESCENT CITY, CALIF.	59 30N 145 40W 59 30N 145 45W
11658 LANKFORD PHLEGER 1973	NONIONELLA	STELLA	CRESCENT CITY, CALIF.	41 4SN 124 13W 59 32N 142 36W
11659 TOOO LOW 1967 11660 Smith 1973	NONIONELLA NONIONELLA	T UR G I D A T UR G I D A		
11661 TODD LOW 1967 11662 COCKBAIN 1963	NONIONELLA	TURGIDA Turgida digitata	OFF ALASKA PENINSULA CLARENCE ST., ALASKA BRITISH COLUMBIA	55 21N 131 58W 48 20N 123 00W
11663 COCKBAIN 1963	NONIONEL LA	TURGIDA DIGITATA	BRITISH COLUMBIA	48 45N 123 00W
11664 TODD LOW 1967 11665 TODD LOW 1967	NONIONELLA NONIONELLA	TURGIDA DIGITATA TURGIDA DIGITATA	GULF OF ALASKA	S9 32N 142 36W S5 21N 131 S8W
11666 CUSHMAN 1925	NONIONELEA	AURIS	CLARENCE ST., ALASKA VIRAGO SO., B.C.	54 10N 132 30W
11667 CUSHMAN 1925 11668 WHITEAVES 1886	NONIONINA NONIONINA	AURIS SCAPHA	D. CHARLOTTE SD., B.C. JOHNSTONE STRAIT, B.C.	52 20N 131 00W 50 30N 126 05W
11669 WHITEAVES 1886	NONIONINA	SCAPHA	QUEEN CHARLOTTE SO., B.L.	50 55N 128 00W
11670 LANKFORD PHLEGER 1973 11671 CUSHMAN FODD 1947	NOURIA Nubecularia	POLYMORPHINOIDES BRADYI	CRESCENT CITY, CALIF. WASHINGTON COAST	41 45N 124 13W 48 33N 123 00W
11672 SMITH 1973	OCULOSIPHON	LINEARIS	OFF ALASKA PENINSULA	S2 41N 155 36W
11673 TODD LOW 1967 11674 TODD LOW 1967	OOL INA	A PI OPLEURA A PI OPLEURA	GULF OF ALASKA KASAAN BAY, ALASKA EXCURSION, ALASKA TAKU HARBOUR, ALASKA BRITISH COLUMBIA	59 32N 142 36W
11675 TODD LOW 1967	OOL INA	APIOPLEURA	EXCURSION, ALASKA	58 25N 135 30W
11676 TODO LOW 1967 11677 COCKBAIN 1963	OOL INA	APIOPLEURA APIOPLEURA	TAKU HARBOUR, ALASKA BRITISH COLUMBIA	\$8 02N 134 00W
11678 COCKBAIN 1963	OOLINA	APIOPLEURA	BKILIZH COCOMBIN	48 14N 123 3UW
11679 COCKBAIN 1963 11680 COCKBAIN 7963	OOL INA OOL INA	A PI OPLEURA B OR EAL I S	BRITISH COLUMBIA BRITISH COLUMBIA	48 20N 123 00W 48 45N 123 00W
17680 COCKBAIN 7703	OOLINA	BOREALIS	GULF OF ALASKA	59 30N 145 40W
11682 COCKBAIN 1963 11683 TOOD LOW 1967	OOL INA OOL INA	BOR EALIS BOR EALIS	BRITISH COLUMBIA Excursion, Alaska	48 20N 123 00W 58 25N 135 30W
11684 BERGEN O'NEIL 1979	OOLINA	COSTATA	GULF OF ALASKA	59 30N 145 40W
11685 BERGEN O'NEIL 1979	OOL INA	COSTATA COSTATA	GULF OF ALASKA GULF OF ALASKA	58 50N 141 15W 59 30N 142 55W
11686 BERGEN O'NEIL 1979 11687 BERGEN O'NEIL 1979	OOLINA	COSTATA	GULF OF ALASKA	56 40N 151 55W
, 11688 BERGEN O'NEIL 1979	OOL INA OOL INA	COSTATA COSTATA	GULF OF ALASKA GULF OF ALASKA	58 35N 138 15W 56 25N 152 45W
11689 BERGEN O'NEIL 1979 11690 BERGEN O'NEIL 1979	OOLINA	COSTATA	GULF OF ALASKA	59 45N 144 55W
11691 BERGEN O'NEIL 1979	OOL INA	COSTATA COSTATA	GULF OF ALASKA GULF OF ALASKA	59 35N 146 3DW
11692 BERGEN O'NEIL 1979 11693 BERGEN O'NEIL 1979	OOLINA	GLOBOSA	GULF OF ALASKA	59 55N 145 40W 59 3DN 142 55W
11694 BERGEN O'NEIL 1979	OOL INA	G L O B O S A H E X A G O N A	GULF OF ALASKA GULF OF ALASKA	59 00N 141 20W
11695 BERGEN O'NEIL 1979 11696 BERGEN O'NEIL 1979	OOLINA	H EX AGONA	GULF OF ALASKA	59 42N 144 10W 59 30N 142 55W
11697 BERGEN O'NEIL 1979	OOL INA OOL INA	H EX AGONA H EX AGONA	GULF OF ALASKA GULF OF ALASKA	59 35N 143 ODW
11698 TODO LOW 1967 11699 BERGEN O'NEIL 1979	OOLINA	H EX AGONA	GULF OF ALASKA	59 32N 142 36W 56 25N 152 45W
11700 BERGEN O'NEIL 1979	OOLINA	H EX AGONA	GULF OF ALASKA	59 35N 146 30W

Publication	Generic Name	Specific Name	Locality	Lat. Long.
11701 TODO LOW 1967	OOLINA	L AE VIGATA	GAMBIER BAY, ALASKA	57 20N 134 02W 59 SSN 145 4DW
11703 TODO LOW 1967	OOL INA OOL INA	L AE VIGATA L AE VIGATA	GULF OF ALASKA	59 32N 142 36W
11704 BERGEN O'NEIL 1979	OOLINA	LINEATA	GULF OF ALASKA	59 30N 145 40W
11705 TOOD LOW 1967 11706 LANKFORD PHLEGER 1973	OOLINA OOLINA OOLINA	L IN EAT OPUNCT AT A MELO	GULF OF ALASKA GULF OF ALASKA GULF OF ALASKA GULF OF ALASKA CRESCENT CITY, CALIF. GULF OF ALASKA	41 45N 124 13W
11707 TODO LOW 1967	OOLINA	MELO		
	OOL INA OOL INA	MELO MELO	SUNSET BAY, OREGON GULF OF ALASKA GRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA GRITISH COLUMBIA GRITISH COLUMBIA GRITISH COLUMBIA GULF OF ALASKA	58 35N 138 15W
1171D COCKBAIN 1963	OOLINA	MELO	BRITISH COLUMBIA	49 00N 123 15W 50 00N 125 07W
11711 COCKBAIN 1963 11712 COCKBAIN 1963	OOL INA OOL INA	MELO MELO	BRITISH COLUMBIA	48 45N 123 00W
11713 COCKBAIN 1963 11714 COCKBAIN 1963	OOL INA OOL INA	MELO MELO	BRITISH COLUMBIA	48 14N 123 30W 48 20N 123 00W
11715 BERGEN O'NEIL 1979	OOLINA	MELO	GULF OF ALASKA	59 DON 141 20W
11716 BERGEN O'NEIL 1979 11717 BERGEN O'NEIL 1979	OOL INA OOL INA	MELO STRIATOPUNCTATA	GULF OF ALASKA	56 35N 151 50W
11718 TODO LOW 1967	OOLINA	S TR I AT O PUNCT AT A	GULF OF ALASKA	59 32N 142 36W
11719 BERGEN O'NEIL 1979 11720 BERGEN O'NEIL 1979	OOL INA OOL INA	S TR I A T O P U N C T A T A S TR I A T O P U N C T A T A	GULF OF ALASKA GULF OF ALASKA	59 45N 144 55W 59 30N 145 40W
11721 BERGEN O'NEIL 1979	OOLINA	STRIATOPUNCTATA	GULF OF ALASKA	59 42N 144 10W
11722 TODO LOW 1967 11723 SMITH 1973	OOLINA OPHTHALMIDIUM	WILLIAMSONI ACUTIMARGO	GULF OF ALASKA NORTH PACIFIC	59 32N 142 36W
11724 BERGEN O'NEIL 1979	PARAFISSURINA	FUSILIFORMIS	GULF OF ALASKA	59 35N 143 00W
11725 LANKFORD PHLEGER 1973 11726 CUSHMAN TODD 1947	PATELLINA PATELLINA	C OR RUGATA C CR RUGATA	WASHINGTON COAST	48 33N 123 00W
11727 COCKBAIN 1963	PATELLINA	CORRUGATA	BRITISH COLUMBIA	48 14N 123 30W
11728 COCKBAIN 1963 11729 BERGEN O'NEIL 1979	PATELLINA	C OR RUGATA C OR RUGATA	GULF OF ALASKA	59 30N 145 40W
11730 PALMER 1929	PATELLINA PATELLINA	C OR RUGATA C OR RUGATA	SHE OF ALASKA	48 33N 123 01W
11732 DETLING 1958	PATEORIS	HAUERINOIDES	SUNSET BAY, OREGON	43 21N 124 20W
11733 TOOD LOW 1967 11734 TOOD LOW 1967	PELOSINA PELOSINA	V AR IABILIS VAR IABILIS	GULF OF ALASKA	59 32N 142 36W
11735 BERGEN O'NEIL 1979	PELOSINELLA	DIDERA	GULF OF ALASKA	59 00N 141 20W
11736 BERGEN O'NEIL 1979 11737 SMITH 1973	PELOSINELLA PLACOPSILINA	0 1 D E R A 6 R A D Y 1	GULF OF ALASKA	59 30N 143 00N
11737 SMITH 1973	PLACOPSILINA	BRADYI	NORTH PACIFIC	43 47N 160 36W
11739 DETLING 1958 11740 COOPER 1961	PLANORBULINA PLANORBULINA	A CE RVAL IS MED I TE RRANEN S IS	SUNSET BAY, OREGON	43 21N 124 20W
11741 CUSHMAN 1927	PLANULINA	ORNATA	BRITISH COLUMBIA GULF OF ALASKA NORTH PACTEIC GULF OF ALASKA CRESCENT CITY, CALIF. WASHINGTON COAST BRITISH COLUMBIA BRITISH COLUMBIA GULF OF ALASKA SAN JUAN IS., WASH. GULF OF ALASKA SUNSET BAY, OREGON GULF OF ALASKA	43 08N 124 55W
11742 BERGEN O'NEIL 1979 11743 BERGEN O'NEIL 1979	PLANULINA PLANULINA	WUELLERSTORFI WUELLERSTORFI	GULF OF ALASKA	59 30N 143 00W
11744 CUSHMAN 1925	POLYMORPHINA	CHARLOTTENSIS	Q. CHARLOTTE SO., B.C.	52 20N 131 00W
11745 7000 LOW 1967 11746 7000 LOW 1967	POLYMORPHINA POLYMORPHINA	CHARLOTTENSIS CHARLOTTENSIS	EXCURSION, ALASKA Kasaan bay, Alaska	58 25N 135 30W SS 26N 132 14W
11747 TODD LOW 1967	POLYMORPHINA	CHARLOTTENSIS	OREGON COAST OFF OREGON GULF OF ALASKA GULF OF ALASKA G. CHARLOTTE SO., B.C. EXCURSION, ALASKA KASAAN BAY, ALASKA GULF OF ALASKA GULF OF ALASKA WASHINGTON COAST GIEFN CHARLOTTE SO., H.	59 32N 142 36W
11748 BERGEN O'NEIL 1979 11749 Cushman todo 1947	POLYMORPHINA POLYMORPHINA	CHARLOTTENSIS CHARLOTTENSIS	GULF OF ALASKA Washington Coast	59 42N 144 10W 48 33N 123 00W
11750 WHITEAVES 1886	POLYMORPHINA	COMPRESSA		
11751 WHITEAVES 1886 11752 WHITEAVES 1886	POLYMORPHINA POLYMORPHINA	C CM PRESSA C OM PRESSA	QUATSINO SOUND, B.C. STRAIT OF GEORGIA, B.C.	50 37N 128 01W 49 50N 124 42W
11753 WHITEAVES 1886	POLYMORPHINA	COMPRESSA	QUEEN CHARLOTTE SO., B.C.	5D 5SN 128 00W
11755 BERGEN O'NEIL 1979	POLYMORPHINA POLYMORPHINA	K INCAIDI K INCAIDI	GULF OF ALASKA GULF OF ALASKA	59 35N 146 30W 56 40N 151 55W
11756 COCKBAIN 1963 11757 COCKBAIN 1963	POLYMORPHINA POLYMORPHINA	KINCAIDI KINCAIDI	GULF OF ALASKA BRITISH COLUMBIA BRITISH COLUMBIA GULF OF ALASKA WASHINGTON COAST WASHINGTON COAST GULF OF ALASKA GULF OF ALASKA OLSCOVERY PASSAGE. B. C.	48 20N 123 00W
11758 BERGEN O'NEIL 1979	POLYMORPHINA	KINCAIDI	GULF OF ALASKA	59 55N 145 40W
11759 CUSHMAN TOOD 1947 11760 CUSHMAN TOOD 1947	POLYMORPHINA POLYMORPHINA	K INCAIDI K INCAIDI	WASHINGTON COAST	48 32N 123 10W
		KINCAIDI	GULF OF ALASKA	59 32N 142 36W
11762 WHITEAVES 1886 11763 WHITEAVES 1886	POLYMORPHINA POLYSTOMFLLA	L AC TEA C R I S P A	DISCOVERY PASSAGE, B.C. QUEEN CHARLOTTE SD., B.L.	40 414 15 7 72
11764 WHITEAVES 1886	POLYSTOMELLA	CRISPA	QUATSINO SOUND, B.B.	50 35N 128 00W
11765 WHI TEAVES 1886 11766 WHI TEAVES 1886	POLYSTOMELLA POLYSTOMELLA	CRISPA STRIATOPUNCTATA	QUEEN CHARLOTTE SD., B.C.	50 55N 128 00W
11767 WHITEAVES 1886	POLYSTOMELLA	STRIATOPUNCTATA	JOHNSTONE STRAIT, B.C.	50 30N 126 05W
11768 COCKBAIN 1963 11769 COOPER 1961	POLYMORPHINA POLYSTOMELLA POLYSTOMELLA POLYSTOMELLA POLYSTOMELLA POLYSTOMELLA POLYSTOMELLA POROEPONIOES POROEPONIOES POROEPONIOES POROEPONIOES POROEPONIOES	C RI BROREPANDUS C RI BROREPANDUS	COMOX HARBOUR, B.C. JOHNSTONE STRAIT, B.C. BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA SUNSET BAY, OREGON KETCHIKAN, ALAKA	49 00N 123 15W 41 36N 124 13W
11770 COCKBAIN 1963	POROEPONIOES	CRI BROREPANDUS CRI BROREPANDUS	BRITISH COLUMBIA	48 14N 123 30W
11771 COCKBAIN 1963 11772 DETLING 1958	POROEPONIDES	LATERALIS	SUNSET BAY, OREGON	48 20N 123 00W 43 21N 124 20W
11773 CUSHMAN MCCULLOCH 1939 11774 CUSHMAN TOOD 1947	PROTEONINA PROTEONINA	COMPRESSA DIFFLUGIFORMIS	KETCHIKAN, ALASKA Washington Coast	77 EIN 131 37W
11775 EUSHMAN TOOD 1947	PROTEONINA	DIFFLUGIFORMIS	WASHINGTON COAST	48 32N 123 10W 48 33N 123 00W
11776 CUSHMAN 1927 11777 CUSHMAN 1927	PROTEONINA PROTEONINA	OIF FLUGIFORM IS OIF FLUGIFORM IS	OFF OREGON OFF OREGON	42 55N 124 45W 45 54N 124 48W
11778 CUSHMAN 1927	PROTEONINA	DIFFLUGIFORMIS	OFF OREGON	42 54N 124 48W
11779 CUSHMAN 1927 11780 CUSHMAN TOOD 1947	PROTEONINA PROTEONINA	OIFFLUGIFORMIS DIFFLUGIFORMIS LAGENARIUM	OFF OREGON Washington coast	42 54N 124 44W 48 32N 123 10W
11781 CUSHMAN MCCULLOCH 1939	PROTEONINA	OIFFLUGIFORMIS LAGENARIUM	KETCHIKAN, ALASKA	55 21N 131 39W
11782 PHLEGER 1967 11783 PHLEGER 1967	PROTOSCHISTA PROTOSCHISTA	FINDENS FINDENS	COOS, BAY, OREGON GRAY'S HARBOUR, WASH.	43 25N 124 08W 47 00N 124 08W
11784 PHLEGER 1967	PROTOSCHISTA	FINDENS	FRASER R., B.C.	49 05N 123 06W
11785 COCKBAIN 1963 11786 TOOD LOW 1967	P S AMMATO DENDRON P S AMMATO DENDRON	A RB O RESCENS A RB O RESCENS	BRITISH COLUMBIA GULF OF ALASKA	48 45N 123 00W S9 32N 142 36W
11787 CUSHMAN TODD 1947	PSAMMATO DENDRON PSAMMATO DENDRON	A RB ORES CENS A RB ORES CENS	WASHINGTON COAST	48 32N 123 10W
11788 CUSHMAN TOOD 1947 11789 TOOD LOW 1967	PSAMMATODENORON	ARBORESCENS	WASHINGTON COAST Lynn Canal, Alaska	48 33N 123 00W 58 40N 135 00W
11790 COCKBAIN 1963 11791 COCKBAIN 1963	PSAMMATO DENDRON PSAMMATO DENDRON	A R B O R E S C E N S A R B O R E S C E N S	BRITISH COLUMBIA BRITISH COLUMBIA	48 20N 123 00W
11792 COCKBAIN 1963	PS AMMATO DENORON	A RB ORES CENS	BRITISH COLUMBIA	48 14N 123 30W 48 20N 124 10W
11793 COCKBAIN 1963 11794 COCKBAIN 1963	PSAMMATODENDRON PSAMMATODENDRON	A RB OR E S C EN S A RB OR E S C EN S	BRITISH COLUMBIA BRITISH COLUMBIA	48 35N 122 51W 49 0DN 123 15W
11795 BERGEN O'NEIL 1979	PS AMMATO DEN DRON	ARBORESCENS	GULF OF ALASKA	59 35N 143 00W

Publication	Generic Name	Specific Name	Locality	Lat. Long.
	PSAMMATO DENDRON PSAMMOSPHAERA	A RB ORE SCENS FUS CA	GULF OF ALASKA GULF OF ALASKA	59 56N 144 25W 59 32N 142 36W
11798 SMITH 1973	PSEUDOGAUDRYINA	ATLANTICA	OFF ALASKA PENINSULA	54 55N 157 59W
11799 TODD LOW 1967 11800 TODD LOW 1967	PSEUDONODOS ARIA PSEUDONONION	RADICULA	GULF OF ALASKA	59 32N 142 36W 57 20N 134 02W
11801 TOOD LOW 1967	PSEUDONONION	A UR I CULA A UR I CULA	LYNN CANAL, ALASKA	58 40N 135 00W
11802 TODD LOW 1967 11803 TODD LOW 1967	PSEUDCNONION PSEUDONONION	A UR I CUL A A UR I CUL A	KASAAN BAY, ALASKA	55 26N 132 14W 58 02N 134 00W
11804 COCKBAIN 1963	PSEUDONONION PSEUDONONION PSEUDONONION PSEUDONONION PSEUDONONION PSEUDONONION	AURICULA	GULF OF ALASKA CAMBIER BAY, ALASKA LYNN CANAL, ALASKA KASAAN BAY, ALASKA TAKU HARBOUR, ALASKA BRITISH COLUMBIA BRITISH COLUMBIA	48 14N 123 3DW
11805 COCKBAIN 1963 11806 TODD LOW 1967	PSEUDONONION PSEUDONONION	A UR I CULA A UR I CULA	BRITISH COLUMBIA GULF OF ALASKA	49 15N 123 30W 59 32N 142 36W
11807 TODD LOW 1967	PSEUDONONION PSEUDONONION PSEUDOPOLYMORPHINA PSEUDOPOLYMORPHINA PSEUDOPOLYMORPHINA	AURICULA	EXCURSION, ALASKA	58 25N 135 30W
11808 COCKBAIN 1963 11809 COCKBAIN 1963	PSEUDONONION PSEUDOPOLYMORPHINA	AURICULA CHARLOTTENSIS	ARITISH COLUMBIA	48 20N 123 00W 48 45N 123 00W
11810 COCKBAIN 1963 11811 COCKBAIN 1963	PSEUDOPOLYMORPHINA	CHARLOTTENSIS		
11812 SMITH 1973	PSEUDOPOLYMORPHINA	LINGUA	BRITISH COLUMBIA BRITISH COLUMBIA OFF ALASKA PENINSULA GULF OF ALASKA	54 55N 157 59W
11813 BERGEN O'NEIL 1979 11814 BERGEN O'NEIL 1979	PULLENIA PULLENIA PULLENIA PULLENIA PULLENIA PULLENIA PULLENIA PULLENIA	BULLOIDES BULLOIDES	GULF OF ALASKA GULF OF ALASKA	59 30N 143 00W 59 30N 145 20W
11815 BERGEN O'NEIL 1979	PULLENIA	BULLOIDES	GULF OF ALASKA	59 25N 145 25W
11816 BERGEN O'NEIL 1979 11817 BERGEN O'NEIL 1979	PULLENIA PULLENIA	BULLOIDES BULLOIDES	GULF OF ALASKA GULF OF ALASKA	59 30N 142 55W 59 00N 141 20W
11818 CUSHMAN AND TODD 1943	PULLENIA	MULTILOBATA	OFF OREGON	43 OSN 125 O1W
	PULLENIA PULLENIA	QUI NQUELOBA S AL I SBURY I	OFF OREGON BRITISH COLUMBIA	43 09N 124 42W 48 45N 123 00W
11821 COCKBAIN 1963	PULLENIA	S AL I SBURY I	BRITISH COLUMBIA	50 00N 125 07W
11823 COCKBAIN 1963	PULLENIA PULLENIA	S AL I SBURY I S AL I SBURY I		49 00N 123 15W 48 20N 123 00W
11824 COCKBAIN 1963	PULLENIA	S AL ISBURY I S AL ISBURY I	DOTTICH CALLINGIA	48 20N 124 10W 48 14N 123 30W
11826 CUSHMAN FODD 1947	PULLENIA	SALISBURYI	WASHINGTON COAST	48 33N 123 00W 48 32N 123 10W 59 32N 142 36W
		SAL ISBURY I SAL ISBURY I	WASHINGTON COAST GULF OF ALASKA	48 32N 123 10W 59 32N 142 36W
11829 BERGEN O'NEIL 1979	PULLENIA	SALISBURYI	GULF OF ALASKA	59 30N 143 00W
11831 BERGEN O'NEIL 1979	PULLENIA PULLENIA	SAL I SBURY I SAL I SBURY I	GULF OF ALASKA GULF OF ALASKA	59 25N 145 25W 59 30N 142 55W
	PULLENIA PULLENIA	SAL ISBURYI SAL ISBURYI	GULF OF ALASKA GULF OF ALASKA	59 30N 145 20W 59 35N 146 30W
11834 BERGEN O'NEIL 1979	PULLENIA	SALISBURYI	GULF OF ALASKA	59 55N 145 40W
	PULLENIA PULLENIA	SAL ISBURY I SAL ISBURY I	GULF OF ALASKA GULF OF ALASKA	58 35N 138 15W 59 00N 141 20W
11837 BERGEN O'NEIL 1979	PULLENIA	SALISBURYI	GULF OF ALASKA	59 30N 145 40W
	PULLENIA PULLENIA	SAL I SBURYI SAL I SBURYI	GULF OF ALASKA GULF OF ALASKA	58 50N 141 15W 59 35N 143 00W
11840 BERGEN O'NEIL 1979	PULLENIA	SALISBURYI	GULF OF ALASKA	59 42N 144 10W
		SAL ISBURYI SAL ISBURYI	GILLE OF ALASKA	56 40N 151 55W 56 25N 152 45W
		S AL ISBURYI S AL ISBURYI	GULF OF ALASKA GULF OF ALASKA	58 30N 139 00W 59 45N 144 55W
11845 SMITH 1973	PULLENIA	SUBCARINATA	NORTH PACIFIC	43 47N 160 36W
	PULLENIA PULLENIA	S UB C AR I NA TA S UB C AR I NA TA	NORTH PACIFIC OFF ALASKA PENINSULA OFF ALASKA PENINSULA	53 16N 161 33W 52 41N 155 36W
11848 CUSHMAN 1925	PULVINULINA	COLUMBIENSIS	VIRAGO SD., B.C.	54 10N 132 30W
	PULVINULINA PULVINULINA	COLUMBIENSIS Karsteni	VIRAGO SD., B.C. G. CHARLOTTE SD., B.C. JOHNSTONE STRAIT, B.C. DISCOVERY PASSAGE, B.C.	52 20N 131 00W 50 30N 126 05W
	PUL VINUL INA PUL VINUL INA	K AR STENI REPANDA	DISCOVERY PASSAGE, B.C. VIRAGO SD., B.C.	48 45N 123 33W 54 10N 132 30W
11853 CUSHMAN 1925	PULVINULINA	REPANDA	Q. CHARLOTTE SO. B.C.	52 20N 131 00W
	PULVINULINA PULVINULINELLA	UMBONATA PACIFICA	OFF OREGON OFF OREGON	43 58N 124 36W 43 02N 125 00W
11856 CUSHMAN 1927	PULVINULINELLA	PACIFICA	OFF OREGON	43 O8N 124 55W
	PULVINULINELLA PULVINULINELLA	PACIFICA PACIFICA	OFF OREGON OFF OREGON	43 12N 125 01W 43 14N 124 43W
	PUL VINUL INELLA PYRGO	PACIFICA ABYSSORUM	OFF OREGON GULF OF ALASKA	43 O2N 124 55W 59 32N 142 36W
11861 TODO LOW 1967	PYRGO	DEPRESSA	GULF OF ALASKA	59 32N 142 36W
	PYRGO PYRGO	DEPRESSA LUCERNULA	CLARENCE ST., ALASKA EXCURSION, ALASKA	55 21N 131 58W 58 25N 135 30W
11864 TODD LOW 1967	PYRGO PYRGO PYRGO PYRGO	L UC ERNULA	GULF OF ALASKA	59 32N 142 36W
11865 TODD LOW 1967 11866 BERGEN O'NEIL 1979	PYRGO	LUC ERNULA Murrhina	KASAAN BAY, ALASKA GULF OF ALASKA	55 26N 132 14W 59 55N 145 40W
11867 BERGEN O'NEIL 1979	PYRGO PYRGO	MUR RHINA MUR RHINA	GULF OF ALASKA GULF OF ALASKA	58 35N 138 15W 56 25N 152 45W
11869 BERGEN O'NEIL 1979	PYRGO	MURRHINA	GULF OF ALASKA	59 25N 145 25W
	PYRGO PYRGO	MURRHINA MURRHINA	GULF OF ALASKA GULF OF ALASKA	59 30N 143 00W 58 35N 139 15W
11872 BERGEN O'NEIL 1979	PYRGO	MURRHINA	GULF OF ALASKA	59 42N 144 10W
	PYRGO PYRGO	ROTALARIA VESPERTILIO	CLARENCE ST., ALASKA GULF OF ALASKA	55 21N 131 58W 59 32N 142 36W
11875 COCKBAIN 1963	PYRGO PYRGO	WILLIAMSONI WILLIAMSONI	BRITISH COLUMBIA BRITISH COLUMBIA	48 20N 123 00W
11877 TODO LOW 1967	PYRGOELLA	SPHAERA	GULF OF ALASKA	48 45N 123 00W 59 32N 142 36W
11878 TODD LOW 1967	QUINQUELOCULINA QUINQUELOCULINA	AGGLUTINATA AGGLUTINATA	GULF OF ALASKA LYNN CANAL, ALASKA	59 32N 142 36W 58 40N 135 00W
11880 BERGEN O'NEIL 1979	QUINQUELOCULINA	AGGLUTINATA	GULF OF ALASKA	59 35N 146 30W
	QUINQUELOCULINA QUINQUELOCULINA	A G G L U T I NA TA A K N E R I A NA	GULF OF ALASKA GULF OF ALASKA	56 30N 152 40W 56 30N 152 40W
11883 BERGEN O'NEIL 1979	QUINQUELOCULINA	AKNERIANA	GULF OF ALASKA	59 55N 142 25W
11885 BERGEN O'NEIL 1979	QUINQUELOCULINA	AKN ERIANA AKN ERIANA	GULF OF ALASKA GULF OF ALASKA	59 35N 146 30W 56 40N 151 55W
11886 BERGEN O'NEIL 1979	QUINQUEL OCULINA QUINQUEL OCULINA	A KN E RIA NA A KN E RIA NA	GULF OF ALASKA GULF OF ALASKA	59 55N 145 40W
11888 TODD LOW 1967	QUINQUELOCULINA	AKNERIANA	CLARENCE ST., ALASKA	56 25N 152 45W 55 21N 131 58W
11889 TODO LOW 1967	QUINQUEL OCULINA	AKNERIANA AKNERIANA	EXCURSION, ALASKA GULF OF ALASKA	58 25N 135 30W 59 32N 142 36W
				22 30#

Publication	Generic Name	Specific Name	Locality	Lat. Long.
11891 TODO LOW 1967	QUINQUELOCULINA	AKNERIANA	GAMBIER BAY, ALASKA	57 20N 134 02W
11892 TODD LOW 1967 11893 TODD LOW 1967	QUINQUELOCULINA QUINQUELOCULINA	AKN ERIANA AKN ERIANA	KASAAN BAY, ALASKA TAKU HARBOUR, ALASKA	55 26N 132 14W 58 02N 134 00W
11894 COOPER 1961	QUINQUELOCULINA	AKNERIANA	OREGON COAST	44 49N 124 04W
11895 BERGEN O'NEIL 1979	QUINQUELOCULINA	AKNERIANA	GULF OF ALASKA	59 30N 145 40W 59 42N 144 10W
11896 BERGEN O'NEIL 1979 11897 COOPER 1961	QUINQUELOCULINA QUINQUELOCULINA	A K N E R J A N A A K N E R J A N A	GULF OF ALASKA OREGON COAST	44 O2N 124 O8W
11898 COOPER 1961	QUINQUELOCULINA	AKNERIANA	OREGON COAST	43 07N 124 26W
11899 LANKFORD PHLEGER 1973 11900 LANKFORD PHLEGER 1973	QUINQUELOCULINA QUINQUELOCULINA	AKNERIANA BELLATULA AKNERIANA BELLATULA	LAPUSH, WASHINGTON CRESCENT CITY, CALIF.	47 55N 127 39W 41 45N 124 13W
11901 TODD LOW 1967	QUINQUELOCULINA	ARCTICA	GAMBIER BAY, ALASKA	57 20N 134 02W
11902 TOOD LOW 1967 11903 BERGEN O'NEIL 1979	QUINQUELOCULINA	ARCTICA ARCTICA	EXCURSION, ALASKA GULF OF ALASKA	58 25N 135 30W 59 35N 146 30W
11904 BERGEN O'NEIL 1979	QUINQUELOCULINA	ARCTICA	GULF OF ALASKA	56 30N 152 40W
11905 CUSHMAN TODD 1947 11906 CUSHMAN TODD 1947	QUINQUELOCULINA	CATALINENSIS	WASHINGTON COAST WASHINGTON COAST	48 32N 123 10W 48 32N 123 10W
11908 CUSHMAN 1000 1947	QUINQUELOCULINA QUINQUELOCULINA	DISCIFORMIS DISCIFORMIS	WASHINGTON COAST	48 43N 122 55W
11908 CUSHMAN TODO 1947	QUINQUELOCULINA	DISCIFORMIS	WASHINGTON COAST	48 33N 123 00W 48 32N 123 00W
11909 CUSHMAN TOOD 1947 11910 CUSHMAN TODD 1947	QUINQUELOCULINA QUINQUELOCULINA	E LO NGATA E LO NGATA	WASHINGTON COAST WASHINGTON COAST	48 33N 123 00W
11911 LANKFORD PHLEGER 1973	QUINQUELOCULINA	ELONGATA	CRESCENT CITY, CALIF.	41 45N 124 13W 58 02N 134 00W
11912 TODD LOW 1967 11913 CUSHMAN TODD 1947	QUINQUELOCULINA QUINQUELOCULINA	FRIGIOA FUSCA	TAKU HARBOUR, ALASKA WASHINGTON COAST	48 43N 122 55W
11914 CUSHMAN 1917	QUINQUELOCULINA	PROCERA	OFF WASHINGTON	45 30N 124 52W
11915 LANKFORD PHLEGER 1973 11916 NATLAND 1933	QUINQUELOCULINA QUINQUELOCULINA	S A B U L O S A S E M I N U L A	CRESCENT CITY, CALIF. CRESCENT CITY, CALIF.	41 45N 124 13W 41 46N 124 14W
11917 BERGEN O'NEIL 1979	QUINGUELOCULINA	S EM I NUL UM	GULF OF ALASKA	59 35N 146 30W
11918 TODD LOW 1967 11919 TODD LOW 1967	QUINQUELOCULINA QUINQUELOCULINA	S EM I NUL UM	GAMBIER BAY, ALASKA CLARENCE ST., ALASKA	57 20N 134 02W 55 21N 131 58W
11920 TODO LOW 1967	QUINQUELOCULINA	S EM I NUL UM S EM I NUL UM	GULF OF ALASKA	59 32N 142 36W
11921 TOBD LOW 1967	QUINQUELOCULINA QUINQUELOCULINA	S EM I NUL UM S EM I NUL UM	EXCURSION, ALASKA LYNN (ANAL, ALASKA	58 25N 135 30W 58 40N 135 00W
11922 TODO LOW 1967 11923 TODO LOW 1967	QUINQUELOCULINA	STALKERI	CLARENCE ST., ALASKA	55 21N 131 58W
11924 TODD LOW 1967	QUINQUEL OCULINA	STALKERI	KASAAN BAY, ALASKA	55 26N 132 14W
11925 TODD LOW 1967 11926 BERGEN O'NEIL 1979	QUINQUELOCULINA QUINQUELOCULINA	STALKERI Stalkeri	EXCURSION, ALASKA GULF OF ALASKA	58 25N 135 30W 58 35N 138 15W
11927 BERGEN O'NEIL 1979	QUINQUEL OCULINA	STALKERI	GULF OF ALASKA	59 55N 145 40W
11928 BERGEN O'NEIL 1979 11929 BERGEN O'NEIL 1979	QUINQUELOCULINA	STALKERI Stalkeri	GULF OF ALASKA GULF OF ALASKA	59 45N 144 55W 59 35N 143 00W
11930 BERGEN O'NEIL 1979	GUINQUELOCULINA	STALKERI	GULF OF ALASKA	59 42N 144 10W
11931 BERGEN O'NEIL 1979	QUINQUEL OCULINA	STALKERI	GULF OF ALASKA	59 30N 145 40W 56 30N 152 40W
11932 BERGEN O'NEIL 1979 11933 TOOD LOW 1967	QUINQUELOCULINA QUINQUELOCULINA	S UB R OT UND A S UB R OT UND A	GULF OF ALASKA GAMBIER BAY, ALASKA	57 20N 134 02W
11934 BERGEN O'NEIL 1979	ANI JUDO L BUDNI UD	SUBROTUNDA	GULF OF ALASKA	59 56N 144 25W
11935 LANKFORD PHLEGER 1973 11936 LANKFORD PHLEGER 1973	QUINQUELOCULINA	TENAGOS VUL GARIS	CRESCENT CITY, CALIF. CRESCENT CITY, CALIF.	41 45N 124 13W 41 45N 124 13W
11937 CUSHMAN TODO 1947	QUINQUEL OCULINA	VULGARIS	WASHINGTON COAST	48 33N 123 00W
11938 CUSHMAN TODD 1947 11939 TOOD LOW 1967	QUINQUELOCULINA RECURVOIDES	VUL GARIS CONTORTUS	WASHINGTON COAST Kasaan bay, alaska	48 32N 123 10W 55 26N 132 14W
11940 TODO LOW 1967	RECURVOIDES	CONTORTUS	GAMBIER BAY, ALASKA	57 20N 134 02W
11941 TOOO LOW 1967 11942 TOOD LOW 1967	RECURVOIDES RECURVOIDES	CONTORTUS TURBINATUS	GULF OF ALASKA EXCURSION, ALASKA	59 32N 142 36W 58 25N 135 30W
11943 COCKBAIN 1963	RECURVOIDES	TURBINATUS	BRITISH COLUMBIA	49 40N 124 45W
11944 COCKBAIN 1963 11945 COCKBAIN 1963	RECURVOIDES RECURVOIDES	TURBINATUS Turbinatus	BRITISH COLUMBIA British columbia	49 00N 123 15W 48 20N 123 00W
11946 COCKBAIN 1963	RECURVOIDES	TURBINATUS	BRITISH COLUMBIA	49 15N 123 30W
11947 COCKBAIN 1963	RECURVOIDES	TURBINATUS	BRITISH COLUMBIA	48 35N 122 51W 47 30N 124 22W
11948 ECHOLS 1969 11949 COCKBAIN 1963	RECURVOIDES RECURVOIDES	TURBINATUS TURBINATUS	WASHINGTON COAST BRITISH COLUMBIA	48 45N 123 00W
11950 COCKBAIN 1963	RECURVOIGES	TURBINATUS	BRITISH COLUMBIA	48 14N 123 30W
11951 ECHOLS 1969 11952 ECHOLS 1969	RECURVOIDES RECURVOIDES	TURBINATUS TURBINATUS	WASHINGTON COAST WASHINGTON COAST	48 20N 124 44W 47 00N 124 12W
11953 BERGEN O'NEIL 1979	RECURVOIDES	TURBINATUS	GULF OF ALASKA	59 30N 145 20W
11954 COCKBAIN 1963 11955 COCKBAIN 1963	RECURVOIDES REOPHAX	IURBINATUS CURTUS	BRITISH COLUMBIA BRITISH COLUMBIA	48 20N 124 10W 48 14N 123 30W
11956 COCKBAIN 1963	REOPHAX	CURTUS	BRITISH COLUMBIA	48 20N 123 00W
11957 COCKBAIN 1963 11958 COCKBAIN 1963	REOPHAX REOPHAX	CURTUS CURTUS	BRITISH COLUMBIA BRITISH COLUMBIA	48 20N 124 10W 49 15N 123 30W
11959 COCKBAIN 1963	REOPHAX	CURTUS	BRITISH COLUMBIA	49 40N 124 45W
11960 COCKBAIN 1963 11961 SMITH 1973	REOPHAX REOPHAX	CURTUS DENTALINAFORMIS	BRITISH COLUMBIA Off Alaska Peninsula	48 35N 122 51W 48 61N 161 07W
11962 SMITH 1973	REOPHAX	DENTALINAFORMIS	OFF ALASKA PENINSULA	53 16N 161 33W
11963 SMITH 1973	REOPHAX	DIFFLUGIFORMIS	OFF ALASKA PENINSULA	52 41N 155 36W
11964 SMITH 1973 11965 SMITH 1973	REOPHAX REOPHAX	DIFFLUGIFORM IS DIFFLUGIFORM IS	OFF ALASKA PENINSULA	48 61N 161 07W 53 16N 161 33W
11966 SMITH 1973	REOPHAX	O I F F L U G I F O R M I S	NORTH PACIFIC	43 47N 160 36W
11967 SMITH 1973 11968 SMITH 1973	RE OPHAX RE OPHAX	DIFFLUGIFORMIS DIFFLUGIFORMIS	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	54 51N 155 24W 49 50N 160 57W
11969 SMITH 1973	REOPHAX	DISTANS	OFF ALASKA PENINSULA	48 61N 161 07W
11970 CUSHMAN 1927 11971 SMITH 1973	REOPHAX REOPHAX	EXCENTRICUS EXCENTRICUS	OFF OREGON OFF ALASKA PENINSULA	42 SSN 124 45W 49 SON 160 S7W
11972 SMITH 1973	REOPHAX	EXCENTRICUS	OFF ALASKA PENINSULA	52 41N 155 36W
11973 CUSHMAN MCCULLOCH 1939	REOPHAX	EXCENTRICUS	OFF ALASKA	60 30N 146 00W
11974 BERGEN O'NEIL 1979 11975 BERGEN O'NEIL 1979	REOPHAX REOPHAX	GUTTIFER GUTTIFER	GULF OF ALASKA GULF OF ALASKA	59 30N 145 20W 59 30N 142 55W
11976 BERGEN O'NEIL 1979	REOPHAX	GUTTIFER	GULF OF ALASKA	59 DON 141 20W
11977 BERGEN O'NEIL 1979 11978 BERGEN O'NEIL 1979	REOPHAX REOPHAX	GUTT1FER GUTT1FER	GULF OF ALASKA GULF OF ALASKA	59 30N 143 00W 59 25N 145 25W
11979 TODD LOW 1967	REOPHAX	INSECTUS	GULF OF ALASKA	59 32N 142 36W
11980 SMITH 1973 11981 SMITH 1973	REOPHAX REOPHAX	NODULOSUS PILULIFER	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	53 16N 161 33W 52 41N 155 36W
11982 BERGEN O'NEIL 1979	REOPHAX	PILULIFER	GULF OF ALASKA	59 30N 145 20W
11983 BERGEN O'NEIL 1979 11984 COCKBAIN 1963	REOPHAX REOPHAX	PILULIFER PILULIFERA	GULF OF ALASKA BRITISH COLUMBIA	59 30N 142 55W 49 15N 123 30W
11985 COCKBAIN 1963	REOPHAX	PILULIFERA	BRITISH COLUMBIA	48 14N 123 30W

Publication	Generic Name	Specific Name	Locality	Lat. Long.
11986 BERGEN O'NEIL 1979 11987 BERGEN O'NEIL 1979	REOPHAX REOPHAX	S CO RP I U R U S S CO RP I U R U S	GULF OF ALASKA GULF OF ALASKA	59 30N 145 20W 59 30N 142 55W
11988 BERGEN O'NEIL 1979	REOPHAX	SCORPIURUS	GULF OF ALASKA	59 30N 143 00W
11989 BERGEN O'NEIL 1979	REOPHAX	SCORPIURUS	GULF OF ALASKA	59 00N 141 20W
11990 BERGEN O'NEIL 1979 11991 TODD LOW 1967	REOPHAX	SCORPIURUS	GULF OF ALASKA	59 25N 145 25W 59 32N 142 36W
11991 1000 LOW 1987 11992 SMITH 1973	REOPHAX REOPHAX	S C O R P I U R U S S C O R P I U R U S	GULF OF ALASKA OFF ALASKA PENINSULA	48 61N 161 07W
11993 BERGEN O'NEIL 1979	REOPHAX	SCORPIURUS	GULF OF ALASKA	59 45N 144 55W
11994 BERGEN O'NEIL 1979	REOPHAX	SCORPIURUS	GULF OF ALASKA	59 55N 142 25W
11995 BERGEN O'NEIL 1979	REOPHAX	S CO RP I U R U S	GULF OF ALASKA	59 42N 144 10W
11996 BERGEN O'NEIL 1979 11997 TODD LOW 1967	REOPHAX REOPHAX	SCORPIURUS	GULF OF ALASKA GAMBIER BAY, ALASKA	56 40N 151 55W 57 20N 134 02W
11998 TOOD LOW 1967	REOPHAX	SCORPIURUS SCORPIURUS	TAKU HARBOUR, ALASKA EXCURSION, ALASKA	58 02N 134 00W
11999 TODD LOW 1967	Rf. OPHAX	SCORPIURUS	EXCURSION, ALASKA	58 25N 135 30W
12000 TODD LOW 1967	REOPHAX	SCORPIURUS	KASAAN BAY, ALASKA	55 26N 132 14W
12001 TOOD LOW 1967 12002 SMITH 1973	REOPHAX REOPHAX	SCORPIURUS SCOTTI	KASAAN BAY, ALASKA LYNN CANAL, ALASKA OFF ALASKA PENINSULA	58 4UN 155 UUW 53 16N 161 33W
12003 CUSHMAN MCCULLOCH 1939	REOPHAX REOPHAX REOPHAX	500111	OFF ALASKA	60 40N 145 53W
12004 CUSHMAN MCCULLOCH 1939	REOPHAX	SUB FUSIFORMIS	OFF ALASKA	60 30N 146 00W
12005 CUSHMAN MCCULLOCH 1939 12006 CUSHMAN MCCULLOCH 1939	REOPHAX	SUB FUS I FORM I S	OFF ALASKA	60 40N 145 53W 60 35N 145 44W
12007 TODO LOW 1967	RHABDAMMINA	SUB FUSIFORMIS ABY SSORUM	OFF ALSAKA GULF OF ALASKA	59 32N 142 36W
		ABYSSORUM	QUEEN CHARLOTTE SO B.C.	
12009 WHITEAVES 1886	AHABOAMMINA	ABYSSORUM	QUATSING SOUND, B.C.	50 37N 128 01W
12010 WHITEAVES 1886 12011 WHITEAVES 1886	RHABDAMMINA RHABDAMMINA	ABYSSORUM	STRAIT OF GEORGIA, B.C. STRAIT OF GEORGIA, B.C.	49 50N 124 42W 50 00N 124 58W
12012 BERGEN O'NEIL 1979	RHIZAMMINA	ABY SSORUM ALG AE FORM IS	GULF OF ALASKA	59 30N 142 55W
12013 BERGEN O'NEIL 1979	RHIZAMMINA	ALGAEFORMIS	GULF OF ALASKA	59 30N 145 20W
12014 BERGEN O'NEIL 1979	RHIZAMMINA	ALGAEFORMIS	GULF OF ALASKA	59 00N 141 20W
12015 TODD LOW 1967 12016 TODD LOW 1967	RHIZAMMINA ROBERTINA	INDIVISA ARCTICA	GULF OF ALASKA	59 32N 142 36W 57 20N 134 02W
12017 CUSHMAN MCCULLOCH 1948	ROBERTINA	CHARLOTTENSIS	KETCHIKAN, ALASKA	55 21N 131 39W
12018 COOPER 1961	ROBERTINA	CHARLOTTENSIS	OREGON COAST	43 07N 124 26W
12019 BERGEN O'NEIL 1979	ROBERTINA	CHARLOTTENSIS	GULF OF ALASKA	59 25N 145 25W 48 33N 123 00W
	ROBERTINA Robertina	CHARLOTTENSIS CHARLOTTENSIS	WASHINGTON COAST WASHINGTON COAST	48 32N 123 10W
12022 BERGEN O'NEIL 1979	ROBERTINA	CHARLOTTENSIS	GULF OF ALASKA	59 42N 144 10W
12023 BERGEN O'NEIL 1979	ROBERTINA	CHARLOTTENSIS	GULF OF ALASKA	59 35N 146 30W
12024 BERGEN O'NEIL 1979 12025 CUSHMAN MCCULLOCH 1948	ROBERTINA ROBERTINA	CHARLOTTENSIS CHARLOTTENSIS	GULF OF ALASKA OFF ALASKA	56 30N 152 40W 56 28N 132 23W
12026 DETLING 1958	ROBERTINOIDES	CHARLOTTENSIS	SUNSET BAY, OREGON	43 21N 124 20W
12027 CUSHMAN TODD 1947	ROBULUS	D'ORBIGNYI	HASHINGTON COAST	4 R 3 2 N 1 2 3 1 N N
12028 TODD LOW 1967	ROBULUS	NICOBARENSIS	GULF OF ALASKA	59 32N 142 36W
12029 TODD LOW 1967 12030 TODD LOW 1967	ROBULUS Robulus	NICOBARENSIS DCCIDENTALIS	KASAAN BAY, ALASKA Gulf of Alaska	59 32N 142 36W 55 26N 132 14W 59 32N 142 36W
12031 CUSHMAN TODO 1947	ROBULUS	ORBICULARIS	WASHINGTON COAST	48 32N 123 10W
12032 TODO LOW 1967	ROBULUS	STRONGI		55 26N 132 14W
12033 COCKBAIN 1963 12034 ECHOLS 1969	ROSALINA	CAMPANULATA		48 20N 123 00W 48 18N 124 43W
	ROSALINA ROSALINA	COLUMBIENSIS COLUMBIENSIS	BRITISH COLUMBIA	48 45N 123 00W
12036 COCKBAIN 1963	ROSALINA	COLUMBIENSIS	BRITISH COLUMBIA BRITISH COLUMBIA CRESCENT CITY, CALIF- LAPUSH, WASHINGTON DEPOE BAY, OREGON	48 20N 123 00W
12037 LANKFORD PHLEGER 1973 12038 LANKFORD PHLEGER 1973	ROSALINA ROSALINA ROSALINA ROSALINA	COLUMBIENSIS	CRESCENT CITY, CALIF.	41 45N 124 13W
12039 LANKFORD PHLEGER 1973	ROSALINA	COLUMBIENSIS COLUMBIENSIS	DEPOE BAY, OREGON	44 47N 124 05W
12040 1000 LOW 1967	ROSALINA	DRNATISSIMA	KASAAN BAY, ALASKA GAMBIER BAY, ALASKA	55 26N 132 14W
12041 TOOD LOW 1967	ROSALINA	O RN ATISSIMA	GAMBIER BAY, ALASKA GULF OF ALASKA	57 20N 134 02W 59 32N 142 36W
12042 TOOD LOW 1967 12043 WHI TEAVES 1886	ROSALINA ROTALIA	WRIGHTII BECCARII	DISCOVERY PASSAGE, B.C.	48 45N 123 33W
12044 WHITE AVES 1886	ROTALIA	BECCARII	DISCOVERY PASSAGE, B.C. QUATSINO SOUND, B.L.	50 37N 128 01w
12045 WHI TEAVES 1886	ROTALIA ROTALIA	BEC CARII	QUEEN CHARLOTTE SD., B.C. GAMBIER BAY, ALASKA	50 35N 126 57W 57 20N 134 02W
12046 TODD LOW 1967	ROTALIA	COLUMBIENSIS	GAMBIER BATY ALASKA	37 20N 134 UZW
12048 CUSHMAN 1915	ROTALIA	ORBICULARIS	OFF GREGON	43 58N 124 36W
12049 CUSHMAN 1915 12050 TODD LOW 1967	ROTALIA RUPERTIA	S OL DANII S TA BILIS	OFF OREGON GULF OF ALASKA	43 58N 124 36W 59 32N 142 36W
	RUPERTINA	STABILIS	GULF OF ALASKA	58 50N 141 15W
12052 BERGEN O'NEIL 1979	RUPERTINA	STABILIS	GULF OF ALASKA	59 30N 143 00W
	SACCAMMINA	DIFFLUGIFORMIS	BRITISH COLUMBIA BRITISH COLUMBIA	48 20N 124 10W 48 20N 123 00W
12054 COCKBAIN 1963 12055 COCKBAIN 1963	S A C C A M M I N A S A C E A M M I N A	DIFFLUGIFORMIS DIFFLUGIFORMIS	BRITISH COLUMBIA	48 45N 123 00W
12056 TODD LOW 1967	SACCAMMINA	DIFFLUGIFORMIS	GULF OF ALASKA	59 32N 142 36W
12057 COCKBAIN 1963	SACCAMMINA	DIFFLUGIFORMIS	BRITISH COLUMBIA	48 14N 123 30W
12058 COCKBAIN 1963	SACCAMMINA	DIFFLUGIFORMIS	BRITISH COLUMBIA BRITISH COLUMBIA	48 35N 122 51W 49 40N 124 45W
12059 COCKBAIN 1963 12060 COCKBAIN 1963	S A C C A M M I N A S A C C A M M I N A	DIFFLUGIFORMIS DIFFLUGIFORMIS	BRITISH COLUMBIA	49 00N 123 15W
12061 COCKBAIN 1963	SACCAMMINA	DIFFLUGIFORMIS	BRITISH COLUMBIA	49 15N 123 30W
12062 COCKBAIN 1963	SACCAMMINA	LONGICOLLIS	BRITISH COLUMBIA	48 45N 123 DOW
12063 COCKBAIN 1963 12064 COCKBAIN 1963	SACCAMMINA SACCAMMINA	LONGICOLLIS LONGICOLLIS	BRITISH COLUMBIA BRITISH COLUMBIA	49 15N 123 30W 48 20N 123 00W
12065 BERGEN O'NEIL 1979	SACCAMMINA	SPHAERICA	GULF OF ALASKA	59 30N 142 55W
12066 BERGEN O'NEIL 1979	SACCAMMINA	SPHAERICA	GULF OF ALASKA	59 30N 143 00W
12067 BERGEN O'NEIL 1979	SACCAMMINA	SPHAERICA	GULF OF ALASKA	59 00N 141 20W
12068 SMITH 1973 12069 BERGEN O'NEIL 1979	S A C C A M M I N A S A C C O R H I Z A	S PH A E R I C A R AM O S A	OFF ALASKA PENINSULA GULF OF ALASKA	48 61N 161 07W 59 30N 145 20W
12070 BERGEN O'NEIL 1979	SACCORHIZA	R AM O S A	GULF OF ALASKA	59 30N 143 00W
12071 TODD LOW 1967	SACCORHIZA	RAMOSA	GULF OF ALASKA	59 32N 142 36W
12072 BERGEN O'NEIL 1979	SACCORHIZA	R AM O S A R AM O S A	GULF OF ALASKA WASHINGTON COAST	59 25N 145 25W
12073 CUSHMAN TODD 1947 12074 BERGEN O'NEIL 1979	SACCORHIZA SCHENCKIELLA	PRIMAEVA	GULF OF ALASKA	48 32N 123 10W 59 35N 143 00W
12075 TODD LOW 1967	SCHENCKIELLA	PRIMAEVA	GULF OF ALASKA	59 32N 142 36W
12076 CUSHMAN 1917	SIGMOILINA	CELATA	OFF OREGON	43 S8N 124 36W
12077 BERGEN O'NEIL 1979 12078 TOOD LOW 1967	SIGMOILINA SIGMOILINA	DISTORTA DISTORTA	GULF OF ALASKA GULF OF ALASKA	59 35N 143 00W 59 32N 142 36W
12079 CUSHMAN TODD 1947	SIGMOMORPHINA	GAL LOWAYI	WASHINGTON COAST	48 32N 123 10W
12080 CUSHMAN TOOD 1947	SIGMOMORPHINA	GALLOWAYI	WASHINGTON COAST	48 33N 123 00W

1881   STATE	Publication	Generic Name	Specific Name	Locality	Lat. Long.
12838 SEGON O'NEL 1979			GALLOWAYI	GULF OF ALASKA	
12000 (SERNEN TIDOS 1947   SIGMOROPPHAN TILLOCULARIS   U.S. 907 ALSKAN   122 104 105 105 105 105 105 105 105 105 105 105			GALLOWAYI GALLOWAYI	GULF OF ALASKA	
12000 (SERNEN TIDOS 1947   SIGMOROPPHAN TILLOCULARIS   U.S. 907 ALSKAN   122 104 105 105 105 105 105 105 105 105 105 105	12084 BERGEN O'NEIL 1979	SIGMOMORPHINA	GALLOWAYI	GULF OF ALASKA	56 40N 151 55W
12000 (SERNEN TIDOS 1947   SIGMOROPPHAN TILLOCULARIS   U.S. 907 ALSKAN   122 104 105 105 105 105 105 105 105 105 105 105			TRILOCULARIS	WASHINGTON COAST	48 33N 123 00W 48 20N 123 00W
12000 (SERNEN TIDOS 1947   SIGMOROPPHAN TILLOCULARIS   U.S. 907 ALSKAN   122 104 105 105 105 105 105 105 105 105 105 105	12087 COCKBAIN 1963		TRILOCULARIS	BRITISH COLUMBIA	48 14N 123 30W
12000 (SERNEN TIDOS 1947   SIGMOROPPHAN TILLOCULARIS   U.S. 907 ALSKAN   122 104 105 105 105 105 105 105 105 105 105 105			TRILOCULARIS	CRESCENT CITY, CALIF.	41 45N 124 13W
1200 1000 LOW 1007   SICOMORDHIM FILE COLLETES   GLT OF ALSEA, 30 220 142 Sept 2000 SECRED OF ALL TOWN			INTERCEMENTS	FYCORZION' WENDER	48 32N 123 10W
1000   COUMNN   TCS	12091 TODD LOW 1967	SIGMOMORPHINA	TRILOCULARIS		59 32N 142 36W
1000   COUMNN   TCS				BRITISH COLUMBIA	50 30N 143 00U
12007   COLUMNA   TOOL 1007   SPIROLECTAMMINA DIPORMIS   SPIROLECTAMMINA	12094 CUSHMAN 1925			O. CHARLOTTE SD B.C.	52 20N 131 00W
12007   COLUMNA   TOOL 1007   SPIROLECTAMMINA DIPORMIS   SPIROLECTAMMINA			V IV 1PARA	SAMISH-PADTLLA BAYS	48 36N 122 29W
1211 COCKBAIN 1905 SPIROPLECTAMMINA BIFORMIS BEITISM COLUMBIA 40 ONN 123 15M 1211 COCKBAIN 1905 SPIROPLECTAMMINA BIFORMIS BEITISM COLUMBIA 40 ONN 123 15M 1211 COCKBAIN 1905 SPIROPLECTAMMINA BIFORMIS BEITISM COLUMBIA 40 ONN 123 15M 1212 DEFECTO O'NELL 1979 SUCCEMBA ECKISI BEITISM COLUMBIA 40 ONN 123 15M 1212 DEFECTO O'NELL 1979 SUCCEMBA ECKISI BEITISM COLUMBIA 40 ONN 123 15M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 25M 143 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 141 20M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 141 20M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 141 20M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTUMPIALUS COLUMBIRISTS BEITISM COLUMBIA 48 26M 123 00M 1212 DEFECTO O'NELL 1979 TEXTUMPIALUS COLUMBIRISTS BEITISM COLUMBIA 48 26M 123 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALU				WASHINGTON COAST	48 32N 123 10W
1211 COCKBAIN 1905 SPIROPLECTAMMINA BIFORMIS BEITISM COLUMBIA 40 ONN 123 15M 1211 COCKBAIN 1905 SPIROPLECTAMMINA BIFORMIS BEITISM COLUMBIA 40 ONN 123 15M 1211 COCKBAIN 1905 SPIROPLECTAMMINA BIFORMIS BEITISM COLUMBIA 40 ONN 123 15M 1212 DEFECTO O'NELL 1979 SUCCEMBA ECKISI BEITISM COLUMBIA 40 ONN 123 15M 1212 DEFECTO O'NELL 1979 SUCCEMBA ECKISI BEITISM COLUMBIA 40 ONN 123 15M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 25M 143 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 141 20M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 141 20M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 141 20M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTUMPIALUS COLUMBIRISTS BEITISM COLUMBIA 48 26M 123 00M 1212 DEFECTO O'NELL 1979 TEXTUMPIALUS COLUMBIRISTS BEITISM COLUMBIA 48 26M 123 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALU		SPIROPLECTAMMINA	BIFORMIS	GULF OF ALASKA	5 9 30N 145 20W
1211 COCKBAIN 1905 SPIROPLECTAMMINA BIFORMIS BEITISM COLUMBIA 40 ONN 123 15M 1211 COCKBAIN 1905 SPIROPLECTAMMINA BIFORMIS BEITISM COLUMBIA 40 ONN 123 15M 1211 COCKBAIN 1905 SPIROPLECTAMMINA BIFORMIS BEITISM COLUMBIA 40 ONN 123 15M 1212 DEFECTO O'NELL 1979 SUCCEMBA ECKISI BEITISM COLUMBIA 40 ONN 123 15M 1212 DEFECTO O'NELL 1979 SUCCEMBA ECKISI BEITISM COLUMBIA 40 ONN 123 15M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 25M 143 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 141 20M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 141 20M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 141 20M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTUMPIALUS COLUMBIRISTS BEITISM COLUMBIA 48 26M 123 00M 1212 DEFECTO O'NELL 1979 TEXTUMPIALUS COLUMBIRISTS BEITISM COLUMBIA 48 26M 123 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALU				BRITISH COLUMBIA	59 30N 145 45W
1211 COCKBAIN 1905 SPIROPLECTAMMINA BIFORMIS BEITISM COLUMBIA 40 ONN 123 15M 1211 COCKBAIN 1905 SPIROPLECTAMMINA BIFORMIS BEITISM COLUMBIA 40 ONN 123 15M 1211 COCKBAIN 1905 SPIROPLECTAMMINA BIFORMIS BEITISM COLUMBIA 40 ONN 123 15M 1212 DEFECTO O'NELL 1979 SUCCEMBA ECKISI BEITISM COLUMBIA 40 ONN 123 15M 1212 DEFECTO O'NELL 1979 SUCCEMBA ECKISI BEITISM COLUMBIA 40 ONN 123 15M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 25M 143 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 141 20M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 141 20M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 141 20M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTUMPIALUS COLUMBIRISTS BEITISM COLUMBIA 48 26M 123 00M 1212 DEFECTO O'NELL 1979 TEXTUMPIALUS COLUMBIRISTS BEITISM COLUMBIA 48 26M 123 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALU	12101 BERGEN O'NEIL 1979	SPIROPLECTAMMINA	BIFORMIS	GULF OF ALASKA	59 30N 143 00W
1211 COCKBAIN 1905 SPIROPLECTAMMINA BIFORMIS BEITISM COLUMBIA 40 ONN 123 15M 1211 COCKBAIN 1905 SPIROPLECTAMMINA BIFORMIS BEITISM COLUMBIA 40 ONN 123 15M 1211 COCKBAIN 1905 SPIROPLECTAMMINA BIFORMIS BEITISM COLUMBIA 40 ONN 123 15M 1212 DEFECTO O'NELL 1979 SUCCEMBA ECKISI BEITISM COLUMBIA 40 ONN 123 15M 1212 DEFECTO O'NELL 1979 SUCCEMBA ECKISI BEITISM COLUMBIA 40 ONN 123 15M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 25M 143 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 141 20M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 141 20M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 141 20M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTUMPIALUS COLUMBIRISTS BEITISM COLUMBIA 48 26M 123 00M 1212 DEFECTO O'NELL 1979 TEXTUMPIALUS COLUMBIRISTS BEITISM COLUMBIA 48 26M 123 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALU				GULF OF ALASKA	59 30N 145 40W
1211 COCKBAIN 1905 SPIROPLECTAMMINA BIFORMIS BEITISM COLUMBIA 40 ONN 123 15M 1211 COCKBAIN 1905 SPIROPLECTAMMINA BIFORMIS BEITISM COLUMBIA 40 ONN 123 15M 1211 COCKBAIN 1905 SPIROPLECTAMMINA BIFORMIS BEITISM COLUMBIA 40 ONN 123 15M 1212 DEFECTO O'NELL 1979 SUCCEMBA ECKISI BEITISM COLUMBIA 40 ONN 123 15M 1212 DEFECTO O'NELL 1979 SUCCEMBA ECKISI BEITISM COLUMBIA 40 ONN 123 15M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 25M 143 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 141 20M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 141 20M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 141 20M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTUMPIALUS COLUMBIRISTS BEITISM COLUMBIA 48 26M 123 00M 1212 DEFECTO O'NELL 1979 TEXTUMPIALUS COLUMBIRISTS BEITISM COLUMBIA 48 26M 123 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALU	12104 COCKBAIN 1963	SPIROPLECTAMMINA		BRITISH COLUMBIA	48 45N 123 00W
1211 COCKBAIN 1905 SPIROPLECTAMMINA BIFORMIS BEITISM COLUMBIA 40 ONN 123 15M 1211 COCKBAIN 1905 SPIROPLECTAMMINA BIFORMIS BEITISM COLUMBIA 40 ONN 123 15M 1211 COCKBAIN 1905 SPIROPLECTAMMINA BIFORMIS BEITISM COLUMBIA 40 ONN 123 15M 1212 DEFECTO O'NELL 1979 SUCCEMBA ECKISI BEITISM COLUMBIA 40 ONN 123 15M 1212 DEFECTO O'NELL 1979 SUCCEMBA ECKISI BEITISM COLUMBIA 40 ONN 123 15M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 25M 143 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 141 20M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 141 20M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 141 20M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTUMPIALUS COLUMBIRISTS BEITISM COLUMBIA 48 26M 123 00M 1212 DEFECTO O'NELL 1979 TEXTUMPIALUS COLUMBIRISTS BEITISM COLUMBIA 48 26M 123 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALU				BRITISH COLUMBIA	48 20N 123 00W
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1211 COCKBAIN 1905 SPIROPLECTAMMINA BIFORMIS BEITISM COLUMBIA 40 ONN 123 15M 1211 COCKBAIN 1905 SPIROPLECTAMMINA BIFORMIS BEITISM COLUMBIA 40 ONN 123 15M 1211 COCKBAIN 1905 SPIROPLECTAMMINA BIFORMIS BEITISM COLUMBIA 40 ONN 123 15M 1212 DEFECTO O'NELL 1979 SUCCEMBA ECKISI BEITISM COLUMBIA 40 ONN 123 15M 1212 DEFECTO O'NELL 1979 SUCCEMBA ECKISI BEITISM COLUMBIA 40 ONN 123 15M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 25M 143 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 141 20M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 141 20M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 141 20M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA 50 00N 142 25M 1212 DEFECTO O'NELL 1979 TEXTUMPIALUS COLUMBIRISTS BEITISM COLUMBIA 48 26M 123 00M 1212 DEFECTO O'NELL 1979 TEXTUMPIALUS COLUMBIRISTS BEITISM COLUMBIA 48 26M 123 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALUS ORNATISSIMUS GULF OF ALASKA 50 05M 143 00M 1213 DEFECTO O'NELL 1979 TEXTUMPIALU	12108 BERGEN O'NEIL 1979	SPIROPLECTAMMINA		GULF OF ALASKA	59 45N 144 55W
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12718 COCCEANN 1903 SPEROPLECTAMMINA BIFORMIS BRITISH COLUMBIA 49 15N 123 300 12100 ERGEN D'NEIL 1979 SUGGRUNDA EKKISI BRITISH COLUMBIA 49 0N 124 455 12100 ERGEN D'NEIL 1979 FEXTULARIA TORQUATA CULF OF ALASKA AS 25N 145 25N 12120 ERGEN D'NEIL 1979 FEXTULARIA TORQUATA CULF OF ALASKA 59 25N 145 25N 12120 ERGEN D'NEIL 1979 FEXTULARIA TORQUATA CULF OF ALASKA 59 30N 143 20N 12123 ERGEN D'NEIL 1979 FEXTULARIA TORQUATA CULF OF ALASKA 59 30N 143 20N 12123 ERGEN D'NEIL 1979 FEXTULARIA TORQUATA CULF OF ALASKA 59 30N 143 20N 12123 ERGEN D'NEIL 1979 FEXTULARIA TORQUATA CULF OF ALASKA 59 30N 143 20N 12123 ERGEN D'NEIL 1979 FEXTULARIA TORQUATA CULF OF ALASKA 59 30N 143 20N 12123 ERGEN D'NEIL 1979 FEXTULARIA TORQUATA CULF OF ALASKA 59 30N 145 20N 12123 ERGEN D'NEIL 1979 FEXTULARIA TORQUATA CULF OF ALASKA 59 30N 145 20N 12123 ERGEN D'NEIL 1979 FEXTULARIA TORQUATA CULF OF ALASKA 59 30N 145 20N 12123 ERGEN D'NEIL 1979 FEXTULARIA TORQUATA CULF OF ALASKA 59 30N 145 20N 12123 ERGEN D'NEIL 1979 FEXTULARIA TORQUATA CULF OF ALASKA 59 30N 145 20N 12123 ERGEN D'NEIL 1979 FEXTULARIA TORQUATA CULF OF ALASKA 59 30N 145 20N 12123 ERGEN D'NEIL 1979 FEXTULARIA TORQUATA CULF OF ALASKA 59 30N 145 20N 12123 ERGEN D'NEIL 1979 FEXTULARIA CULF OF ALASKA 59 30N 130 20N 12130 MMLIN 1900 COLUMBIA 48 45N 123 00N 12130 COLUMBIA 48 45N 123 00N 12				EXCORDION' WEADKA	30 C 10 133 30M
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12122 GEREER O "NEIL 1979 FETULARIA TOROUTA GULF OF ALASKA 32 DOM 14.5 SUN 12123 GEREER O "NEIL 1979 FETULARIA TOROUTA GULF OF ALASKA 32 DOM 14.5 SUN 12123 GEREER O "NEIL 1979 FETULARIA TOROUTA GULF OF ALASKA 52 DOM 14.5 SUN 12123 GEREER O "NEIL 1979 FETULARIA TOROUTALUS COLUMBIENSIS MAININGTON COAST 48 188 124 & 59 LUR 12123 GOVERNAIN 1963 FRICHONTALUS COLUMBIENSIS BRITISH COLUMBIA 42 DOM 123 DOM 12120 GOVERNAIN 1963 FRICHONTALUS COLUMBIENSIS BRITISH COLUMBIA 42 SUN 123 DOM 12120 GOVERNAIN 1963 FRICHONTALUS COLUMBIENSIS BRITISH COLUMBIA 42 SUN 123 DOM 12120 GOVERNAIN 1963 FRICHONTALUS COLUMBIENSIS BRITISH COLUMBIA 42 SUN 123 DOM 12120 GOVERNAIN 1963 FRICHONTALUS COLUMBIENSIS BRITISH COLUMBIA 42 SUN 123 DOM 12120 GOVERNAIN 1963 FRICHONTALUS COLUMBIENSIS BRITISH COLUMBIA 42 SUN 123 DOM 1220 GOVERNAIN 1963 FRICHONTALUS COLUMBIENSIS BRITISH COLUMBIA 42 SUN 123 DOM 1220 GOVERNAIN 1963 FRICHONTALUS CONTROL SUN 123 GOVERNAIN 1979 FRICHONT				CRESCENT CITY, CALIF.	41 45N 124 13W
12122 GEREER O "NEIL 1979 FETULARIA TOROUTA GULF OF ALASKA 32 DOM 14.5 SUN 12123 GEREER O "NEIL 1979 FETULARIA TOROUTA GULF OF ALASKA 32 DOM 14.5 SUN 12123 GEREER O "NEIL 1979 FETULARIA TOROUTA GULF OF ALASKA 52 DOM 14.5 SUN 12123 GEREER O "NEIL 1979 FETULARIA TOROUTALUS COLUMBIENSIS MAININGTON COAST 48 188 124 & 59 LUR 12123 GOVERNAIN 1963 FRICHONTALUS COLUMBIENSIS BRITISH COLUMBIA 42 DOM 123 DOM 12120 GOVERNAIN 1963 FRICHONTALUS COLUMBIENSIS BRITISH COLUMBIA 42 SUN 123 DOM 12120 GOVERNAIN 1963 FRICHONTALUS COLUMBIENSIS BRITISH COLUMBIA 42 SUN 123 DOM 12120 GOVERNAIN 1963 FRICHONTALUS COLUMBIENSIS BRITISH COLUMBIA 42 SUN 123 DOM 12120 GOVERNAIN 1963 FRICHONTALUS COLUMBIENSIS BRITISH COLUMBIA 42 SUN 123 DOM 12120 GOVERNAIN 1963 FRICHONTALUS COLUMBIENSIS BRITISH COLUMBIA 42 SUN 123 DOM 1220 GOVERNAIN 1963 FRICHONTALUS COLUMBIENSIS BRITISH COLUMBIA 42 SUN 123 DOM 1220 GOVERNAIN 1963 FRICHONTALUS CONTROL SUN 123 GOVERNAIN 1979 FRICHONT				GULF OF ALASKA	59 00N 141 20W
12125 BERGEN O'NELL 1979 TEXTULARIA TOROUATA GULF OF ALASKA \$9 30N 142 55W 12127 ECHOLS 1909 TRICHOHYALUS COLUMBIENSIS WASHINGTON COAST 48 18N 124 43W 12127 ECHOLS 1909 TRICHOHYALUS COLUMBIENSIS WASHINGTON COAST 48 18N 124 43W 12127 COCKERN TO THE CHOHYALUS COLUMBIENSIS WASHINGTON COAST 48 18N 124 43W 124 12127 COCKERN TO THE CHOHYALUS COLUMBIENSIS WASHINGTON COAST 48 18N 124 43W 124 12127 COCKERN TO THE CHOHYALUS COLUMBIENSIS WASHINGTON COAST 48 18N 124 43W 124 12127 COCKERN TO THE CHOHYALUS CORNATISSIMS WASHINGTON COAST 48 18N 124 43W 124 12131 LANKFORD PHLEGER 1973 TRICHOHYALUS ON CORNATISSIMS WASHINGTON COAST 42 45W 122 55W 12131 LANKFORD PHLEGER 1979 TRICHOHYALUS CORNATISSIMS WASHINGTON C				GOTI OL MENZKA	39 30N 143 UUW
12127 ECHOLS 1969   TRICHOHYALUS COLUMBIENSIS   MASHINGTON COAST	12125 BERGEN O'NEIL 1979	TEXTULARIA	TORQUATA	GULF OF ALASKA	59 30N 142 55W
12131 AMAKORO DHLEGER 1973 TRICHOUNALUS OWNATISSIMA CEPOE BAY DEVELOY ALASKA 50 53N 142 05N 12132 BERGEN O'NEIL 1979 TRICHOUNALUS OWNATISSIMUS GULF OF ALASKA 50 55N 142 05N 12133 BERGEN O'NEIL 1979 TRICHOUNALUS OWNATISSIMUS GULF OF ALASKA 50 55N 142 05N 12135 BERGEN O'NEIL 1979 TRICHOUNALUS OWNATISSIMUS GULF OF ALASKA 50 55N 142 40U 12135 BERGEN O'NEIL 1979 TRICHOUNALUS OWNATISSIMUS GULF OF ALASKA 50 55N 142 40U 12135 BERGEN O'NEIL 1979 TRICHOUNALUS OWNATISSIMUS GULF OF ALASKA 50 50N 142 25U 12136 BERGEN O'NEIL 1979 TRICHOUNALUS OWNATISSIMUS GULF OF ALASKA 50 50N 142 25U 12137 BERGEN O'NEIL 1979 TRICHOUNALUS OWNATISSIMUS GULF OF ALASKA 50 50N 142 25U 12137 BERGEN O'NEIL 1979 TRICHOUNALUS OWNATISSIMUS GULF OF ALASKA 50 50N 132 45U 12137 BERGEN O'NEIL 1979 TRICHOUNALUS OWNATISSIMUS GULF OF ALASKA 50 50N 132 45U 12138 BERGEN O'NEIL 1979 TRICHOUNALUS OWNATISSIMUS GULF OF ALASKA 50 50N 132 05U 12139 BERGEN O'NEIL 1979 TRICHOUNALUS OWNATISSIMUS GULF OF ALASKA 50 50N 132 05U 12139 BERGEN O'NEIL 1979 TRICHOUNALUS OWNATISSIMUS GULF OF ALASKA 50 50N 132 05U 12139 BERGEN O'NEIL 1979 TRICHOUNALUS OWNATISSIMUS GULF OF ALASKA 50 50N 132 05U 12140 BERGEN O'NEIL 1979 TRICHOUNALUS GULF OF ALASKA 50 50N 132 05U 12140 BERGEN O'NEIL 1979 TRICHOUNALUS GULF OF ALASKA 50 50N 132 05U 12140 BERGEN O'NEIL 1979 TRICHOUNALUS GULF OF ALASKA 50 50N 132 05U 12143 BERGEN O'NEIL 1979 TRICHOUNALUS GULF OF ALASKA 50 50N 134 55U 12144 BERGEN O'NEIL 1979 TRICHOUNALUS GULF OF ALASKA 50 50N 134 55U 12144 BERGEN O'NEIL 1979 TRICHOUNALUS GULF OF ALASKA 50 50N 134 55U 12144 BERGEN O'NEIL 1979 TRICHOUNALUS GULF OF ALASKA 50 50N 134 50U 12146 BERGEN O'NEIL 1979 TRICHOUNALUS GULF OF ALASKA 50 50N 134 50U 12146 BERGEN O'NEIL 1979 TRICHOUNALUS GULF OF ALASKA 50 50N 134 50U 12146 BERGEN O'NEIL 1979 TRICHOUNALUS GULF OF ALASKA 50 50N 134 50U 12146 BERGEN O'NEIL 1979 TRICHOUNALUS GULF OF ALASKA 50 50N 134 50U 12146 BERGEN O'NEIL 1979 TRICHOUNALUS GULF OF ALASKA 50 50N 134 50U 12146 BERGEN O'NEIL 1979 TRICHOUNALUS GULF OF ALASKA 50 50N 134 50U 12146 BERGEN O'NE				GULF OF ALASKA	
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12135 BERGEN O'NEIL 1979 TRICHOHYALUS ORNATISSIMUS GULF OF ALASKA 56 30N 152 40U 12137 BERGEN O'NEIL 1979 TRICHOHYALUS ORNATISSIMUS GULF OF ALASKA 56 25N 152 45U 12137 BERGEN O'NEIL 1979 TRIFARINA FLUENS GULF OF ALASKA 56 25N 152 45U 12137 BERGEN O'NEIL 1979 TRIFARINA FLUENS GULF OF ALASKA 58 30N 137 00U 12139 BERGEN O'NEIL 1979 TRIFARINA FLUENS GULF OF ALASKA 59 42N 144 15U 12141 BERGEN O'NEIL 1979 TRIFARINA FLUENS GULF OF ALASKA 59 42N 144 15U 12141 BERGEN O'NEIL 1979 TRIFARINA FLUENS GULF OF ALASKA 59 42N 144 15U 12141 BERGEN O'NEIL 1979 TRIFARINA FLUENS GULF OF ALASKA 59 30N 13 25U 12142 BERGEN O'NEIL 1979 TRIFARINA FLUENS GULF OF ALASKA 59 30N 14 35U 12143 BERGEN O'NEIL 1979 TRIFARINA FLUENS GULF OF ALASKA 59 30N 14 25U 12143 BERGEN O'NEIL 1979 TRIFARINA FLUENS GULF OF ALASKA 59 30N 14 25U 12144 BERGEN O'NEIL 1979 TRIFARINA FLUENS GULF OF ALASKA 59 30N 14 25U 12144 BERGEN O'NEIL 1979 TRIFARINA FLUENS GULF OF ALASKA 59 30N 14 35U 12144 BERGEN O'NEIL 1979 TRIFARINA FLUENS GULF OF ALASKA 59 30N 14 35U 12144 BERGEN O'NEIL 1979 TRIFARINA FLUENS GULF OF ALASKA 59 30N 14 35U 12145 BERGEN O'NEIL 1979 TRIFARINA FLUENS GULF OF ALASKA 59 30N 14 35U 12145 BERGEN O'NEIL 1979 TRIFARINA FLUENS GULF OF ALASKA 59 30N 14 35U 12145 BERGEN O'NEIL 1979 TRIFARINA FLUENS GULF OF ALASKA 59 30N 14 35U 12145 BERGEN O'NEIL 1979 TRIFARINA FLUENS GULF OF ALASKA 59 30N 14 35U 12145 BERGEN O'NEIL 1979 TRIFARINA FLUENS GULF OF ALASKA 59 30N 14 35U 12145 BERGEN O'NEIL 1979 TRIFARINA FLUENS GULF OF ALASKA 59 30N 14 35U 12145 BERGEN O'NEIL 1979 TRIFARINA FLUENS GULF OF ALASKA 59 30N 14 35U 12145 BERGEN O'NEIL 1979 TRIFARINA FLUENS GULF OF ALASKA 59 30N 14 35U 12145 BERGEN O'NEIL 1979 TRIFARINA FLUENS GULF OF ALASKA 59 30N 14 35U 12145 BERGEN O'NEIL 1979 TRIFARINA FLUENS GULF OF ALASKA 59 30N 14 35U 12145 BERGEN O'NEIL 1979 TRIFARINA FLUENS GULF OF ALASKA 59 30N 14 35U 12145 BERGEN O'NEIL 1979 TRIFARINA FLUENS GULF OF ALASKA 59 30N 14 35U 12145 BERGEN O'NEIL 1979 TRIFARINA FLUENS GULF OF ALASKA 59 30N 14 35U 12145 BERGEN O'NEIL 1979 TRIFARIN					
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12159 TODD LOW 1967 TRILOCULINA ROTUNDA GAMBLE BAY, ALASKA 58 4QN 135 DOW 12161 TODD LOW 1967 TRILOCULINA ROTUNDA GAMBLE BAY, ALASKA 57 2DN 134 DZW 12161 TODD LOW 1967 TRILOCULINA ROTUNDA GULF OF ALASKA 59 32N 142 36W 12162 USHMAN TODD 1947 TRILOCULINA TRILOCULINA TRILOCULINA TRIBEDRA GULF OF ALASKA 59 30N 145 20W 12163 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 20W 12165 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 25W 12166 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 25W 12166 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 45W 12167 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 45W 12167 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 141 20W 12168 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 143 00W 12169 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 143 00W 12169 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 30W 12170 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 20N 145 30W 12170 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 40W 12171 IODD LOW 1967 TRICOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 40W 12171 IODD LOW 1967 TRICOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 30W 12171 IODD LOW 1967 TRICOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 30W 12172 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 30W 12172 BERGEN O'NEIL 1979 TRICOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 30W 12172 BERGEN O'NEIL 1979 TRICOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 30W 12172 BERGEN O'NEIL 1979 TRICOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 30W 12173 TODD LOW 1967 TRICOCULINA ADVENA GULF OF ALASKA 59 30N 145 30W 12173 TODD LOW 1967 TRICOCULINA ADVENA GULF OF ALASKA 59 30N 145 30W 12173 TODD LOW 1967 TRICOCULINA ADVENA GULF OF ALASKA 59 30N 145 30W 12173 TODD LOW 1967 TRICOCULINA ADVENA GULF OF ALASKA 59 30N 145 30W 12173 TODD LOW 1967 TRICOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 30W 12173 TODD LOW 1967				WASHINGTON COAST	
12161 TODD LOW 1967 TRILOCULINA ROTUNDA GULF OF ALASKA 59 32N 142 36W 12163 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 26W 12164 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 142 55W 12165 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 142 55W 12166 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 142 55W 12166 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 45W 12167 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 45W 12168 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 143 00W 12168 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 143 00W 12169 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 143 00W 12170 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 20N 145 38W 12170 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 40W 12171 BODD LOW 1967 TRICHAMMINA ADVENA GULF OF ALASKA 59 30N 145 40W 12172 BERGEN O'NEIL 1979 TRICHAMMINA ADVENA GULF OF ALASKA 59 30N 145 40W 12173 TODD LOW 1967 TRICHAMMINA ADVENA GULF OF ALASKA 59 30N 142 36W 12174 COKCRAIN 1963 TRICHAMMINA ADVENA GULF OF ALASKA 59 30N 142 36W 12174 COKCRAIN 1963 TRICHAMMINA ADVENA GULF OF ALASKA 59 30N 142 36W				LYNN CANAL, ALASKA	58 40N 135 00W
12162 CUSHMAN TODD 1947 TRILOCULINA TRIGONULA TRIGONULA UNSHINGTON COAST 48 33N 123 OOU 12164 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 142 25W 12165 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 142 25W 12165 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 142 25W 12167 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 142 45W 12167 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 142 40W 12168 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 143 40W 12169 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 143 00W 12169 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 143 40W 12170 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 40W 12171 GERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 40W 12172 BERGEN O'NEIL 1979 TRICOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 40W 12173 TODD LOW 1967 TROCHAMMINA ADVENA GULF OF ALASKA 59 30N 145 50W 12173 TODD LOW 1967 TROCHAMMINA ADVENA GULF OF ALASKA 59 30N 145 40W 12173 TODD LOW 1967 TROCHAMMINA ADVENA GULF OF ALASKA 59 30N 145 30W 145 30W 147 50W 12173 TODD LOW 1967 TROCHAMMINA ADVENA GULF OF ALASKA 59 30N 145 30W 145 30W 147 50W 12173 TODD LOW 1967 TROCHAMMINA ADVENA GULF OF ALASKA 59 30N 142 35W 147 50W 148 50W 1				GAMBIER BAY, ALASKA	
12164 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 142 55W 12165 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 25N 145 25W 12166 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 00N 145 45W 12167 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 00N 141 20W 12168 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 00N 143 00W 12169 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 143 00W 12170 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 38W 12171 DOD LOW 1967 TROCHAMMINA ADVENA GULF OF ALASKA 59 30N 145 36W 12172 BERGEN O'NEIL 1979 TROCHAMMINA ADVENA GULF OF ALASKA 59 30N 145 36W 12173 TOOD LOW 1967 TROCHAMMINA ADVENA GULF OF ALASKA 59 30N 144 55W 12173 TOOD LOW 1967 TROCHAMMINA ADVENA GULF OF ALASKA 59 32N 142 36W 12173 TOOD LOW 1967 TROCHAMMINA ADVENA GULF OF ALASKA 59 32N 142 36W 12173 TOOD LOW 1965 TROCHAMMINA ADVENA GULF OF ALASKA 59 32N 142 36W 12174 COCKBAIN 1963 TROCHAMMINA CHARLOTTENSIS BRITISH COLUMBIA 49 40N 124 45W	12162 CUSHMAN FODD 1947	TRILOCUL INA	TRIGONULA	WASHINGTON COAST	48 33N 123 00W
12165 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 25N 145 25U 12167 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 45W 12167 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 141 20W 12168 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 143 00W 12169 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 143 00W 12170 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 30W 12170 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 40W 12171 JODD LOW 1967 TROCHAMMINA ADVENA GULF OF ALASKA 59 20N 145 34W 12172 BERGEN O'NEIL 1979 TROCHAMMINA ADVENA GULF OF ALASKA 59 30N 145 40W 12173 TODD LOW 1967 TROCHAMMINA ADVENA GULF OF ALASKA 59 45N 144 455W 12173 TODD LOW 1965 TROCHAMMINA ADVENA GULF OF ALASKA 59 32N 142 36W 12174 COCKBAIN 1963 TROCHAMMINA ADVENA GULF OF ALASKA 59 32N 142 36W					
12166 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 45W 12167 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 00N 141 20W 12168 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 143 00W 12169 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 20N 145 38W 12170 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 40W 12171 JODD LOW 1967 TRICHAMMINA ADVENA KASAAN BAY, ALASKA 59 30N 122 14W 12172 BERGEN O'NEIL 1979 TROCHAMMINA ADVENA GULF OF ALASKA 59 45N 144 55W 12173 TODD LOW 1967 TROCHAMMINA ADVENA GULF OF ALASKA 59 32N 142 36W 12173 TODD LOW 1967 TROCHAMMINA ADVENA GULF OF ALASKA 59 45N 144 55W 12174 COCKBAIN 1963 TROCHAMMINA CHARLOTTENSIS BRITISH COLUMBIA 49 40N 124 45W	12165 BERGEN O'NEIL 1979	TRILOCULINA	TRIHEDRA	GULF OF ALASKA	59 25N 145 25W
12168 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 143 00W 12169 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 30W 12170 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 40W 12171 IODD LOW 1967 TROCHAMMINA ADVENA KASAN BAY, ALASKA 55 26N 132 14W 12172 BERGEN O'NEIL 1979 TROCHAMMINA ADVENA GULF OF ALASKA 59 30N 144 50W 12173 TODD LOW 1967 TROCHAMMINA ADVENA GULF OF ALASKA 59 30N 144 36W 12173 TODD LOW 1967 TROCHAMMINA ADVENA GULF OF ALASKA 59 30N 142 36W 12174 COCKBAIN 1963 TROCHAMMINA CHARLOTTENSIS BRITISH COLUMBIA 49 40N 124 45W	12166 BERGEN O'NEIL 1979			GULF OF ALASKA	59 30N 145 45W
12169 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 20N 145 38W 12170 BERGEN O'NEIL 1979 TRILOCULINA TRIHEDRA GULF OF ALASKA 59 30N 145 40W 12171 JODD LOW 1967 TROCHAMMINA ADVENA KASAAN BAY, ALASKA 55 26N 132 14W 12172 BERGEN O'NEIL 1979 TROCHAMMINA ADVENA GULF OF ALASKA 59 45N 144 55W 12173 TODD LOW 1967 TROCHAMMINA ADVENA GULF OF ALASKA 59 45N 144 55W 12174 COCKBAIN 1963 TROCHAMMINA CHARLOTTENSIS BRITISH COLUMBIA 49 40N 124 45W	12168 BERGEN O'NEIL 1979				
12171 10DD LOW 1967 TROCHAMMINA ADVENA KASAAN BAY, ALASKA 55 26N 132 14W 12172 BERGEN O'NELL 1979 TROCHAMMINA ADVENA GULF OF ALASKA 59 45N 144 55W 12173 10DD LOW 1967 TROCHAMMINA ADVENA GULF OF ALASKA 59 32N 142 36W 12174 COCKBAIN 1963 TROCHAMMINA CHARLOTTENSIS BRITISH COLUMBIA 49 40N 124 45W	12169 BERGEN O'NEIL 1979		TRIHEDRA	GULF OF ALASKA	59 20N 145 38W
12172 BERGEN O'NEIL 1979         TROCHAMMINA         ADVENA         GULF OF ALASKA         59 45N 144 55w           12173 TOOD LOW 1967         TROCHAMMINA         ADVENA         GULF OF ALASKA         59 32N 142 36w           12174 COCKBAIN 1963         TROCHAMMINA         CHARLOTTENSIS         BRITISH COLUMBIA         49 40N 124 45w					
12173 TODD LOW 1967 TROCHAMMINA ADVENA GULF OF ALASKA 59 32N 142 36W 12174 COCKBAIN 1963 TROCHAMMINA CHARLOTTENSIS BRITISH COLUMBIA 49 40N 124 45W	12172 BERGEN O'NEIL 1979	TROCHAMMINA	ADVENA	GULF OF ALASKA	59 45N 144 55W
	12173 TODD LOW 1967				59 32N 142 36W
					49 15N 123 30W

Publication	Generic Name	Specific Name	Locality	Lat. Long.
12176 COCKBAIN 1963	TROCHAMMINA	CHARLOTTENSIS	BRITISH COLUMBIA	48 35N 122 51W 49 00N 123 15W
12177 COCKBAIN 1963 12178 CUSHMAN 1925	TROCHAMMINA TROCHAMMINA	CHARLOTTENSIS CHARLOTTENSIS	BRITISH COLUMBIA O. CHARLOTTE SD., B.C.	49 UUN 123 13W 52 20N 131 00W
12179 CUSHMAN TODD 1947	TROCHAMMINA	CHARLOTTENSIS	WASHINGTON COAST	48 32N 123 10W
12180 LANKFORD PHLEGER 1973 12181 LANKFORD PHLEGER 1973	TROCHAMMINA TROCHAMMINA	CHARLOTTENSIS CHARLOTTENSIS	LAPUSH, WASHINGTON DEPOE BAY, OREGON	47 55N 127 39W 44 47N 124 05W
12182 LANKFORD PHLEGER 1973	TROCHAMMINA	CHARLOTTENSIS	CRESCENT CITY, CALIF.	41 45N 124 13W
12183 CUSHMAN TODO 1947 12184 DETLING 1958	TROCHAMMINA TROCHAMMINA	CHARLOTTENSIS CHARLOTTENSIS	WASHINGTON COAST SUNSET BAY, OREGON	48 33N 123 00W 43 21N 124 20W
12185 ECHOLS 1969	TROCHAMMINA	CHARLOTTENSIS	WASHINGTON COAST	47 10N 124 14W
12186 PHLEGER 1967 12187 COCKBAIN 1963	TROCHAMMINA TROCHAMMINA	CHARLOTTENSIS	GRAY'S HARBOUR, WASH. BRITISH COLUMBIA	47 00N 124 08W 48 45N 123 00W
12188 COCKBAIN 1963	TROCHAMMINA	CHARLOTTENSIS CHARLOTTENSIS	BRITISH COLUMBIA	48 20N 123 00W
12189 COCKBAIN 1963 12190 COCKBAIN 1963	TROCHAMMINA TROCHAMMINA	CHARLOTTENSIS CHARLOTTENSIS	BRITISH COLUMBIA BRITISH COLUMBIA	48 20N 124 10W 48 14N 123 30W
12191 CUSHMAN TODD 1947	TROCHAMMINA	DISCORBIS	WASHINGTON COAST	48 32N 123 10W
12192 CUSHMAN TODD 1947 12193 DETLING 1958	TROCHAMMINA TROCHAMMINA	DISCORBIS DISCORBIS	WASHINGTON COAST SUNSET BAY, OREGON	48 33N 123 00W 43 21N 124 20W
12194 COCKBAIN 1963	TROCHAMMINA	DISCORBIS	BRITISH COLUMBIA	48 14N 123 30W
12195 COCKBAIN 1963 12196 COCKBAIN 1963	TROCHAMMINA TROCHAMMINA	DISCORBIS DISCORBIS	BRITISH COLUMBIA BRITISH COLUMBIA	48 20N 123 00W 48 20N 124 10W
12197 COCKBAIN 1963	TROCHAMMINA	DISCORBIS	BRITISH COLUMBIA	48 45N 123 00W
12198 COCKBAIN 1963 12199 COCKBAIN 1963	TROCHAMMINA TROCHAMMINA	DISCORBIS DISCORBIS	BRITISH COLUMBIA BRITISH COLUMBIA	49 15N 123 30W 49 00N 123 15W
12200 COCKBAIN 1963	TROCHAMMINA	DISCORBIS	BRITISH COLUMBIA	48 35N 122 51W
12201 COCKBAIN 1963 12202 CUSHMAN MCCULLOCH 1939	TROCHAMMINA TROCHAMMINA	DISCORBIS DISCORBIS	BRITISH COLUMBIA Ketchikan, alaska	49 40N 124 45W 55 21N 131 39W
12203 BERGEN O'NEIL 1979	TROCHAMM INA	GLOBIGERINIFORMIS	GULF OF ALASKA	59 00N 141 20W
12204 BERGEN O'NEIL 1979 12205 BERGEN O'NEIL 1979	TROCHAMMINA TROCHAMMINA	GLOBIGERIN1FORMIS GLOBIGERIN1FORMIS	GULF OF ALASKA GULF OF ALASKA	59 30N 145 40W 59 30N 142 55W
12206 BERGEN O'NEIL 1979	TROCHAMMINA	GLOBIGERINIFORMIS	GULF OF ALASKA	59 25N 145 25W
12207 BERGEN O'NEIL 1979 12208 BERGEN O'NEIL 1979	TROCHAMMINA	GLOBIGERINIFORMIS	GULF OF ALASKA	59 30N 145 20W 59 30N 143 00W
12209 SMITH 1973	TROCHAMMINA TROCHAMMINA	GLOBIGERINIFORMIS GLOBIGERINIFORMIS	GULF OF ALASKA OFF ALASKA PENINSULA	54 51N 155 24W
12210 SM1TH 1973 12211 SM1TH 1973	TROCHAMMINA TROCHAMMINA	GLOB I GERINIFORM IS		53 16N 161 33W 49 50N 160 57W
12212 SMITH 1973	TROCHAMMINA	GLOBIGERINIFORMIS GLOBIGERINIFORMIS	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	48 61N 161 07W
12213 SMITH 1973	TROCHAMMINA	GLOBIGERINIFORMIS	OFF ALASKA PENINSULA	53 53N 161 40W
12214 SMITH 1973 12215 SMITH 1973	TROCHAMMINA TROCHAMMINA	GLOBIGERINIFORMIS GLOBIGERINIFORMIS	OFF ALASKA PENINSULA NORTH PACIFIC	52 41N 155 36W 43 47N 160 36W
12216 SMITH 1973 12217 SMITH 1973	TROCHAMMINA TROCHAMMINA	GRISEA GRISEA	OFF ALASKA PENINSULA	52 41N 155 36W
12217 SMITH 1773	TROCHAMMINA	GRISEA	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	48 61N 161 07W 53 53N 161 40W
12219 SM1TH 1973	TROCHAMMINA	GRISEA	NORTH PACIFIC	43 47N 160 36W
12220 SMITH 1973 12221 PHLEGER 1967	TROCHAMMINA TROCHAMMINA	INFLATA INFLATA	OFF ALASKA PENINSULA GRAY'S HARBOUR, WASH.	48 61N 161 07W 47 00N 124 08W
12222 PHLEGER 1967	TROCHAMMINA	INFLATA	COPPER R. ALASKA	60 15N 145 31W
12223 PHLEGER 1967 12224 PHLEGER 1967	TROCHAMMINA TROCHAMMINA	INFLATA Inflata	FRASER R., B.C. COOS, BAY, OREGON	49 05N 123 06W 43 25N 124 08W
12225 PHLEGER 1967	TROCHAMMINA	INFLATA	PHILLIPS ARM, B.C.	50 30N 12S 00W
12226 SCOTT 1974 12227 BERGEN O'NEIL 1979	TROCHAMM INA TROCHAMM INA	INFLATA Inflata	SAMISH-PADILLA BAYS GULF OF ALASKA	48 36N 122 29W 59 45N 144 55W
12228 BERGEN O'NEIL 1979	TROCHAMMINA	INFLATA	GULF OF ALASKA	59 00N 141 20W
12229 BERGEN O'NEIL 1979 12230 BERGEN O'NEIL 1979	TROCHAMMINA TROCHAMMINA	INFLATA INFLATA	GULF OF ALASKA GULF OF ALASKA	59 30N 145 20W 59 25N 145 25W
12231 DETLING 1958	TROCHAMMINA	I NF LATA	SUNSET BAY, OREGON	43 21N 124 20W
12232 LANKFORD PHLEGER 1973 12233 COOPER 1961	TROCHAMMINA TROCHAMMINA	K EL LETTAE K EL LETTAE	DEPOE BAYA OREGON OREGON COAST	44 47N 124 05W 42 25N 124 26W
12234 COOPER 1961	TRO CHAMMINA	KELLETTAE	OREGON COAST	43 07N 124 26W
12235 COOPER 1961 12236 COOPER 1961	TROCHAMMINA TROCHAMMINA	K EL LETTAE K EL LETTAE	CALIFORNIA COAST OREGON COAST	41 14N 124 07W 45 36N 123 57W
12237 COOPER 1961	TROCHAMMINA	KELLETTAE	OREGON COAST	44 O2N 124 O8W
12238 PHLEGER 1967 12239 PHLEGER 1967	TROCHAMMINA TROCHAMMINA	MAC RESCENS MAC RESCENS	FRASER R., B.C. COOS, BAY, OREGON	49 D5N 123 O6W 43 25N 124 O8W
12240 PHLEGER 1967	TROCHAMM INA	MACRESCENS	GRAY'S HARBOUR, WASH.	47 00N 124 08W
12241 SMITH 1973 12242 COCKBAIN 1963	TROCHAMMINA TROCHAMMINA	N AN A N AN A	OFF ALASKA PENINSULA BRITISH COLUMBIA	49 50N 160 57W 48 20N 124 10W
12243 COCKBAIN 1963	TROCHAMMINA	N AN A	BRITISH COLUMBIA	48 20N 123 00W 48 14N 123 30W
12244 COCKBAIN 1963 12245 COCKBAIN 1963	TROCHAMMINA TROCHAMMINA	N AN A N AN A	BRITISH COLUMBIA BRITISH COLUMBIA	48 45N 123 00W
12246 COCKBAIN 1963	TROCHAMMINA	N AN A N AN A	BRITISH COLUMBIA BRITISH COLUMBIA	48 35N 122 51W 49 15N 123 30W
12247 COCKBAIN 1963 12248 COCKBAIN 1963	TROCHAMMINA TROCHAMMINA	N A N A	BRITISH COLUMBIA	49 15N 123 30W
12249 SMITH 1973	TRO CHAMMINA	NITIDA	OFF ALASKA PENINSULA	49 50N 160 57W
12250 SMITH 1973 12251 SMITH 1973	TROCHAMMINA TROCHAMMINA	NITIDA NITIDA	NORTH PACIFIC OFF ALASKA PENINSULA	43 47N 160 36W 48 61N 161 07W
12252 CUSHMAN MCCULLOCH 1939	TROCHAMMINA	N I T I DA	OFF ALASKA	60 35N 145 44W
12253 CUSHMAN MCCULLOCH 1939 12254 CUSHMAN MCCULLOCH 1939	TROCHAMMINA TROCHAMMINA	NITIDA NITIDA	OFF ALASKA OFF ALASKA	60 30N 146 00W 61 07N 146 17W
12255 JONES ROSS 1979	TROCHAMMINA	PAC 1 F I CA	SAMISH BAY, WASH.	48 35N 122 28W
12256 CUSHMAN 1925 12257 CUSHMAN 1925	TROCHAMMINA TROCHAMMINA	PACIFICA PACIFICA	Q. CHARLOTTE SD., B.C. VIRAGO SD., B.C.	52 20N 131 00W 54 10N 132 30W
12258 COOPER 1961	TROCHAMMINA	PACIFICA	OREGON COAST	44 49N 124 04W
12259 COCKBAIN 1963 12260 COCKBAIN 1963	TROCHAMMINA TROCHAMMINA	PACIFICA PACIFICA	BRITISH COLUMBIA BRITISH COLUMBIA	49 15N 123 30W 50 00N 125 07W
12261 COCKBAIN 1963	TROCHAMMINA	PACIFICA	BRITISH COLUMBIA	48 35N 122 51W
12262 COCKBAIN 1963 12263 COCKBAIN 1963	TROCHAMMINA TROCHAMMINA	PACIFICA PACIFICA	BRITISH COLUMBIA BRITISH COLUMBIA	49 40N 124 45W 49 00N 123 15W
12264 COCKBAIN 1963	TROCHAMM INA	PACIFICA	BRITISH COLUMBIA	48 14N 123 30W
12265 COCKBAIN 1963 12266 COCKBAIN 1963	TROCHAMMINA TROCHAMMINA	PACIFICA PACIFICA	BRITISH COLUMBIA BRITISH COLUMBIA	48 45N 123 00W 48 20N 123 00W
12267 COCKBAIN 1963	TROCHAMMINA	PACIFICA	BRITISH COLUMBIA	48 20N 124 10W
12268 LANKFORD PHLEGER 1973 12269 LANKFORD PHLEGER 1973	TROCHAMMINA TROCHAMMINA	PACIFICA PACIFICA	CRESCENT CITY, CALIF. DEPOE BAY, OREGON	41 45N 124 13W 44 47N 124 05W
12270 SCOTT 1974	TRO CHAMM INA	PACIFICA	SAMISH-PADILLA BAYS	48 36N 122 29W

Publication  12271 CUSHMAN MCCULLOCH 1939 12272 CUSHMAN MCCULLOCH 1939 12273 CUSHMAN MCCULLOCH 1939 12274 CUSHMAN MCCULLOCH 1939 12275 CUSHMAN MCCULLOCH 1939 12275 TOD LOW 1967 12276 TOD LOW 1967 12276 TOD LOW 1967 12277 TOD LOW 1967 12278 TOD LOW 1967 12278 TOD LOW 1967 12278 TOD LOW 1967 12278 TOD LOW 1967 12279 CUSHMAN TODD 1947 12280 BERGEN O'NEIL 1979 12281 BERGEN O'NEIL 1979 12282 DETLING 1958 12283 BERGEN O'NEIL 1979 12285 BERGEN O'NEIL 1979 12286 BERGEN O'NEIL 1979 12286 BERGEN O'NEIL 1979 12287 BERGEN O'NEIL 1979 12287 DECKBAIN 1963 12292 COCKBAIN 1963 12292 COCKBAIN 1963 12294 WHITEAVES 1886 12295 WHITEAVES 1886 12295 WHITEAVES 1886 12299 COCKBAIN 1963 12300 COCKBAIN 1963 12300 COCKBAIN 1963 12301 COCKBAIN 1963 12302 TODD LOW 1967 12303 COCKBAIN 1963 12300 COCKBAIN 1963 12300 COCKBAIN 1963 12301 COCKBAIN 1963 12302 TODD LOW 1967 12303 COCKBAIN 1963 12304 COCKBAIN 1963 12305 COCKBAIN 1963 12306 COCKBAIN 1963 12307 CUSHMAN 1910 12308 WHITEAVES 1886 12313 WHITEAVES 1886 12313 WHITEAVES 1886 12314 WHITEAVES 1886 12315 WHITEAVES 1886 12315 WHITEAVES 1886 12316 WHITEAVES 1886 12317 WHITEAVES 1886 12318 WHITEAVES 1886 12319 WHITEAVES 1886 12319 WHITEAVES 1886 12311 WHITEAVES 1886 12311 WHITEAVES 1886 12312 WHITEAVES 1886 12313 WHITEAVES 1886 12314 WHITEAVES 1886 12315 WHITEAVES 1886 12315 WHITEAVES 1886 12317 WHITEAVES 1886 12318 WHITEAVES 1886 12321 WHITEAVES 1886 12322 WHITEAVES 1886 12323 WHITEAVES 1886 12324 WHITEAVES 1886 12325 WHITEAVES 1886 12326 COPER 1961 12307 BERGEN O'NEIL 1979 12338 BERGEN O'NEIL 1979 12338 BERGEN O'NEIL 1979 12339 BERGEN O'NEIL 1979 12340 BERGEN O'NEIL 1979 12341 BERGEN O'NEIL 1979 12342 BERGEN O'NEIL 1979 12343 BERGEN O'NEIL 1979 12344 BERGEN O'NEIL 1979 12345 BERGEN O'NEIL 1979 12346 BERGEN O'NEIL 1979 12347 BERGEN O'NEIL 1979 12348 BERGEN O'NEIL 1979 12348 BERGEN O'NEIL 1979 12349 BERGEN O'NEIL 1979 12349 BERGEN O'NEIL 1979 12349 BERGEN O'NEIL 1979 12346 BERGEN O'NEIL 1979 12347 BERGEN O'NEIL 1979 12348 BERGEN O'NEIL 1979 12349 BERGEN O'NEIL 1979 12349 BERGEN O'NEIL 1979 1234	Generic Name	Specific Name	Locality	
12271 CUSHMAN MCCULLOCH 1939 12272 CUSHMAN MCCULIOCH 1939	TROCHAMMINA	PACIFICA PACIFICA	KETCHIKAN, ALASKA OFF ALASKA OFF ALASKA WASHINGTON COAST EXCURSION, ALASKA TAKU HARBOUR, ALASKA KASAAN BAY, ALASKA KASAAN BAY, ALASKA GAMBIER BAY, ALASKA GULF OF ALASKA GU	55 21N 131 39W 56 28N 132 23W
12273 CUSHMAN MCCULLOCH 1939	TROCHAMMINA	PACIFICA	OFF ALASKA	60 35N 145 44W
12274 CUSHMAN TOOO 1947 12275 TOOD LOW 1967	TROCHAMMINA TROCHAMMINA	PACIFICA SIMPLEX ROTALIFORMIS	WASHINGTON COAST	58 25N 135 30W
12276 TODO LOW 1967	TROCHAMM INA	ROTALIFORMIS	TAKU HARBOUR, ALASKA	58 02N 134 00W
12277 TOOO LOW 1967 12278 TOOO LOW 1967	TROCHAMMINA	ROTALIFORMIS	KASAAN BAY, ALASKA	57 20N 134 02W
12279 CUSHMAN TODD 1947	TROCHAMMINA	ROTALIFORMIS	WASHINGTON COAST	48 33N 123 00W
12280 BERGEN O'NEIL 1979	TROCHAMMINA	ROTALIFORMIS	GULF OF ALASKA	59 30N 142 55W
12282 OETLING 1958	TROCHAMMINA	ROTALIFORMIS	SUNSET BAY, OREGON	43 21N 124 20W
12283 BERGEN O'NEIL 1979 12284 BERGEN O'NEIL 1979	TROCHAMMINA	ROTALIFORMIS	GULF OF ALASKA	59 42N 144 35W
12285 BERGEN O'NEIL 1979	TROCHAMMINA	ROTALIFORMIS	GULF OF ALASKA	59 55N 145 40W
12286 BERGEN O'NEIL 1979 12287 BERGEN O'NEIL 1979	TROCHAMMINA TROCHAMMINA	ROTALIFORMIS ROTALIFORMIS	GULF OF ALASKA	58 35N 139 15W
12288 TODD LOW 1967	TROCHAMMINA	ROTALIFORMIS	GULF OF ALASKA	59 32N 142 36W
12289 CUSHMAN MCCULLOCH 1939 12290 COCKBAIN 1963	TROCHAMMINA TROCHAMMINA	ROTALIFORMIS SQUAMATA	RETCHIKAN, ALASKA BRITISH COLUMBIA	48 14N 123 30W
12291 COCKBAIN 1963	TROCHAMMINA	SQUAMATA	BRITISH COLUMBIA	48 20N 123 00W
12292 COCKBAIN 1963	TROCHAMMINA	SQU AMATA SQU AMATA	BRITISH COLUMBIA BRITISH COLUMBIA	49 00N 123 15W
12294 WHITEAVES 1886	TROCHAMMINA	SQUAMATA	STRAIT OF GEORGIA, B.L. QUATSINO SOUND, B.C.	49 30N 124 22W
12295 WHITEAVES 1886	TROCHAMMINA	S QU AMATA	QUATSINO SOUND, B.C. GULF OF ALASKA GULF OF ALASKA BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA GAMBIER BAY, ALASKA BRITISH COLUMBIA GAMBIER GAY, ALASKA BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA GRITISH COLUMBIA	56 25N 152 45W
12297 BERGEN O'NEIL 1979	TROCHAMMINA	SQUAMATA	GULF OF ALASKA	56 30N 152 40W
12298 COCKBAIN 1963 12299 COCKBAIN 1963	TROCHAMMINA TROCHAMMINA	S QU AMATA S QU AMATA	BRITISH COLUMBIA BRITISH COLUMBIA	49 4UN 124 45W
12300 COCKBAIN 1963	TROCHAMMINA	SQUAMATA	BRITISH COLUMBIA	49 15N 123 30W
12301 COCKBAIN 1963 12302 TODD LOW 1967	TROCHAMMINA	S QU AMATA	BRITISH COLUMBIA	48 20N 124 10W 57 20N 134 02W
12303 COCKBAIN 1963	TROCHAMMINA	SQUAMIFORMIS	BRITISH COLUMBIA	48 20N 123 00W
12304 COCKBAIN 1963	TROCHAMMINA	S QU AM I F ORM I S	BRITISH COLUMBIA	48 45N 123 00W
12306 COOPER 1961	TROCHAMMINA	SQUAMIFORMIS	OREGON COAST	44 49N 124 04W
12307 CUSHMAN 1910	TROCHAMMINA	TURBINATA	OFF WASHINGTON QUEEN CHARLOTTE SD., B.C.	47 49N 125 28W
12309 WHITEAVES 1886	TRUNCATULINA	LOBATULA	JOHNSTONE STRAIT, B.C.	
12310 WHITEAVES 1886	TRUNCATULINA	LOBATULA	STRAIT OF GEORGIA, B.C.	49 50N 124 42W 50 00N 124 58W
12312 WHITEAVES 1886	TRUNCATULINA	LOBATULA	STRAIT OF GEORGIA, B.C. QUEEN CHARLOTTE SO., B.C.	50 50N 126 52W
12313 WHITEAVES 1886	TRUNCATULINA	LOBATULA	QUEEN CHARLOTTE SD., B.C.	50 33N 126 40W
12315 WHITEAVES 1886	TRUNCATULINA	LOBATULA	STRAIT OF GEORGIA, B.C. STRAIT OF GEORGIA, B.C.	49 30N 124 22W
12316 WHITEAVES 1886	TRUNCATULINA	LOBATULA	JOHNSTONE STRAIT, B.C. QUEEN CHARLOTTE SD., B.C.	SO 30N 12A 0SH
12318 WHITEAVES 1886	TRUNCATULINA	LOBATULA	QUATSINO SOUNO, B.C.	50 37N 128 01W
12319 WHITEAVES 1886	TRUNCATULINA	LOBATULA	DISCOVERY PASSAGE, B. C.	48 40N 123 31W
12321 WHITEAVES 1886	TRUNCATULINA	LOBATULA	QUEEN CHARLOTTE SO., B.C. STRAIT OF GEORGIA, B.C.	50 10N 125 01W
12322 WHI TEAVES 1886	TRUNCATULINA	LOBATULA	QUEEN CHARLOTTE SD B.C.	50 50N 126 SSW
12324 WHITEAVES 1886	TRUNCATULINA	LOBATULA	QUEEN CHARLOTTE SD., B.C. DISCOVERY PASSAGE, B.C.	48 45N 123 33W
12325 WHITEAVES 1886	TRUNCATULINA	LOBATULA	STRAIT OF GEORGIA, B. C.	49 28N 124 30W
12327 WHITEAVES 1886	TRUNCATULINA	LOBATULA	QUATSINO SOUNO, B.C. QUEEN CHARLOTTE SO., B.C.	SO 35N 128 00W 50 40N 126 36W
12328 CUSHMAN 1915	TRUNCATULINA	WUELLERSTORFI	OFF WASHINGTON	45 30N 124 52W
12330 BERGEN O'NEIL 1979	UVIGERINA	AUBERIANA	DUEEN CHARLOTTE SO., B.C. OFF MASHINGTON OREGON COAST GULF OF ALASKA	59 30N 143 00W
12331 BERGEN O'NEIL 1979	UVIGERINA	AUBERIANA	GULF OF ALASKA	59 30N 145 40W
12333 BERGEN D'NEIL 1979	UVIGERINA	AUBERIANA	GULF OF ALASKA	59 25N 145 25W
12334 BERGEN O'NEIL 1979	UVIGERINA	AUBERIANA	GULF OF ALASKA	5 9 30N 145 20W
12336 BERGEN O'NEIL 1979	UVIGERINA	OIRUPTA	GULF OF ALASKA	59 30N 142 55W
12337 BERGEN O'NEIL 1979	UVIGERINA	DIRUPTA	GULF OF ALASKA	59 20N 145 38W
12339 BERGEN O'NEIL 1979	UVIGERINA	OIRUPTA	GULF OF ALASKA	59 30N 145 40W
12340 BERGEN O'NEIL 1979	UVIGERINA	DIRUPTA	GULF OF ALASKA	59 30N 143 00W
12341 BERGEN O'NEIL 1979	UVIGERINA	DIRUPTA	GULF OF ALASKA GULF OF ALASKA	59 00N 141 20W 59 25N 145 25W
12343 BERGEN O'NEIL 1979	UVIGERINA	DIRUPTA	GULF OF ALASKA	59 30N 145 20W
12344 BERGEN O'NEIL 1979	UVIGERINA	JUNCEA	GULF OF ALASKA GULF OF ALASKA	59 50N 145 47W 59 55N 145 40W
12346 BERGEN O'NEIL 1979	UVIGERINA	JUNCEA	GULF OF ALASKA	58 35N 138 15W
12347 BERGEN O'NEIL 1979 12348 BERGEN O'NEIL 1979	UVI GERINA UVI GERINA	J UN C E A J UN C E A	GULF OF ALASKA GULF OF ALASKA	59 45N 144 55W 58 30N 139 00W
12349 CUSHMAN TODO 1947	UVIGERINA	JUNCEA	WASHINGTON COAST	47 48N 122 43W
12350 CUSHMAN TODD 1947 12351 COCKBAIN 1963	UVIGERINA UVIGERINA	J UN CEA J UN CEA	WASHINGTON COAST BRITISH COLUMBIA	48 32N 123 10W 48 45N 123 00W
12352 CDCKBAIN 1963	UVIGERINA	JUNCEA	BRITISH COLUMBIA	48 20N 123 00W
12353 COCKBAIN 1963 12354 COCKBAIN 1963	UVI GERINA UVI GERINA	J UN CEA J UN CEA	BRITISH COLUMBIA BRITISH COLUMBIA	48 14N 123 30W 48 20N 124 10W
12355 BERGEN O'NEIL 1979	UVIGERINA	J UN C E A	GULF OF ALASKA	59 30N 145 40W
12356 BERGEN O'NEIL 1979	UVIGERINA	A 3 O NU L	GULF OF ALASKA	59 35N 143 00W
12357 BERGEN O'NEIL 1979 12358 BERGEN O'NEIL 1979	UVIGERINA UVIGERINA	J UN C E A	GULF OF ALASKA GULF OF ALASKA	56 35N 151 50W 58 50N 141 15W
12359 BERGEN O'NEIL 1979	UVIGERINA	J UN C E A	GULF OF ALASKA	59 30N 143 00W
12361 COCKBAIN 1963	UVIGERINA UVIGERINA	J UN CEA J UN CEA	BRITISH COLUMBIA BRITISH COLUMBIA	49 00N 123 15W 49 15N 123 30W
12362 BERGEN O'NEIL 1979	UVIGERINA	JUNCEA	GULF OF ALASKA	59 45N 146 00W
	UVIGERINA UVIGERINA	J UN CEA J UN CEA	GULF OF ALASKA GULF OF ALASKA	59 42N 144 10W 56 25N 152 45W
12365 BERGEN O'NEIL 1979	UVIGERINA	JUNCEA	GULF OF ALASKA	59 55N 142 25W

Publication	Canada Nama	Cr 'C M	r 11.	I at I amm
radication	Generic Name	Specific Name	Locality	Lat. Long.
12366 BERGEN O'NEIL 1979	UVIGERINA	PEREGRINA	GULF OF ALASKA	59 55N 142 25W
12367 BERGEN O'NEIL 1979	UVIGERINA	PEREGRINA	GULF OF ALASKA	59 45N 144 55W
12368 BERGEN O'NEIL 1979	UVIGERINA	PEREGRINA	GULF OF ALASKA	59 25N 145 25W
12369 BERGEN O'NEIL 1979	UVIGERINA	PEREGRINA	GULF OF ALASKA	59 30N 145 20W
12370 BERGEN O'NEIL 1979	UVIGERINA	PEREGRINA	GULF OF ALASKA	59 30N 143 00W
12371 BERGEN O'NEIL 1979	UVIGERINA	PEREGRINA	GULF OF ALASKA	59 30N 145 45W
12372 BERGEN O'NEIL 1979	UVIGERINA	PEREGRINA	GULF OF ALASKA	56 35N 151 SOW
12373 BERGEN O'NEIL 1979	UVIGERINA	PEREGRINA	GULF OF ALASKA	59 30N 145 40W
12374 BERGEN O'NEIL 1979	UVIGERINA	PEREGRINA	GULF OF ALASKA	59 00N 141 20W
12375 BERGEN O'NEIL 1979	UVIGERINA	PEREGRINA	GULF OF ALASKA	58 50N 141 15W
12376 BERGEN O'NEIL 1979	UVIGERINA	PEREGRINA	GULF OF ALASKA	59 35N 143 00W
12377 SMITH 1973	UVIGERINA	PEREGRINA	OFF ALASKA PENINSULA	53 53N 161 40W
12378 TOOD LOW 1967	UVIGERINA	PEREGRINA	CLARENCE ST., ALASKA	55 21N 131 58W
12379 TODD LOW 1967	UVIGERINA	PEREGRINA	GULF OF ALASKA	59 32N 142 36W
12380 TODD LOW 1967 12381 TODD LOW 1967	UVIGERINA	PEREGRINA	KASAAN BAY, ALASKA	55 26N 132 14W 58 02N 134 00W
12382 BERGEN O'NEIL 1979	UVIGERINA	PEREGRINA	TAKU HARBOUR, ALASKA	59 30N 145 20W
12383 BERGEN O'NEIL 1979	UVIGERINA	PROBOSCIDEA	GULF OF ALASKA	59 00N 141 20W
12384 BERGEN O'NEIL 1979	UVIGERINA	PROBOSCIDEA	GULF OF ALASKA GULF OF ALASKA	59 30N 143 00W
12385 BERGEN O'NEIL 1979	UVIGERINA UVIGERINA	PROBOSCIDEA	GULF OF ALASKA	59 20N 145 38W
12386 CUSHMAN MCCULLOCH 1948	UVIGERINA	PROBOSCIDEA SENTICOSA	KETCHIKAN, ALASKA	55 21N 131 39W
12387 BERGEN O'NEIL 1979	UVIGERINA	SENTICOSA	GULF OF ALASKA	59 25N 145 25W
12388 TOOD LOW 1967	VAGINULINOPSIS	BACHEII	GULF OF ALASKA	59 32N 142 36W
12389 BERGEN O'NEIL 1979	VAGINULINOPSIS	LEGUMEN	GULF OF ALASKA	59 25N 145 25W
12390 BERGEN O'NEIL 1979	VALVULINERIA	ARAUCANA	GULF OF ALASKA	59 20N 145 38W
12391 BERGEN O'NEIL 1979	VALVULINERIA	ARAUCANA	GULF OF ALASKA	59 30N 145 20W
12392 BERGEN O'NEIL 1979	VALVULINERIA	ARAUCANA	GULF OF ALASKA	59 30N 145 45W
12393 BERGEN O'NEIL 1979	VALVULINERIA	ARAUCANA	GULF OF ALASKA	59 30N 142 55W
12394 BERGEN O'NEIL 1979	VALVULINERIA	ARAUCANA	GULF OF ALASKA	59 30N 145 40W
12395 BERGEN O'NEIL 1979	VALVULINERIA	ARAUCANA	GULF OF ALASKA	59 30N 143 00W
12396 BERGEN O'NEIL 1979	VALVULINERIA	A RA UCANA	GULF OF ALASKA	59 00N 141 20W
12397 BERGEN O'NEIL 1979	VALVULINERIA	GLABRA	GULF OF ALASKA	59 30N 143 00W
12398 BERGEN O'NEIL 1979	VALVULINERIA	GLABRA	GULF OF ALASKA	58 50N 141 15W
12399 BERGEN O'NEIL 1979	VALVULINERIA	GLABRA	GULF OF ALASKA	59 30N 145 45W
12400 BERGEN O'NEIL 1979	VALVULINERIA	GLABRA	GULF OF ALASKA	59 30N 142 55W
12401 BERGEN O'NEIL 1979	VALVULINERIA	GLABRA	GULF OF ALASKA	59 00N 141 20W
12402 BERGEN O'NEIL 1979	VALVULINERIA	GLABRA	GULF OF ALASKA	59 25N 145 25W
12403 BERGEN O'NEIL 1979	VALVULINERIA	GLABRA	GULF OF ALASKA	59 20N 145 38W
12404 BERGEN O'NEIL 1979	VALVULINERIA	GLABRA	GULF OF ALASKA	59 30N 14S 20W
12405 BERGEN O'NEIL 1979	VALVULINERIA	GLABRA	GULF OF ALASKA	59 30N 145 40W
12406 CUSHMAN 1927	VERNEUIL INA	ADVENA	OFF OREGON	43 14N 124 43W
12407 BERGEN O'NEIL 1979 12408 BERGEN O'NEIL 1979	VIRGULINA	A DV E NA A DV E NA	GULF OF ALASKA	59 35N 143 00W 59 30N 145 40W
12409 BERGEN O'NEIL 1979	VIRGULINA VIRGULINA	ADVENA	GULF OF ALASKA GULF OF ALASKA	59 30N 143 40W
12410 BERGEN O'NEIL 1979	VIRGULINA	ADVENA	GULF OF ALASKA	59 20N 145 38W
12411 BERGEN O'NEIL 1979	VIRGULINA	BRAMLETTEI	GULF OF ALASKA	59 30N 145 20W
12412 BERGEN O'NEIL 1979	VIRGULINA	BRANLETTEI	GULF OF ALASKA	59 00N 141 20W
12413 BERGEN O'NEIL 1979	VIRGULINA	COMPLANATA	GULF OF ALASKA	59 20N 145 38W
12414 BERGEN O'NEIL 1979	VIRGULINA	COMPLANATA	GULF OF ALASKA	59 30N 145 40W
12415 BERGEN O'NEIL 1979	VIRGULINA	COMPLANATA	GULF OF ALASKA	59 DON 141 20W
12416 BERGEN O'NEIL 1979	VIRGULINA	COMPLANATA	GULF OF ALASKA	59 30N 145 20W
12417 BERGEN O'NEIL 1979	VIRGULINA	COMPLANATA	GULF OF ALASKA	59 25N 145 25W
12418 SMITH 1973	VIRGULINA	COMPLANATA	KODIAK, ALASKA	S7 49N 1S2 30W
12419 SMITH 1973	VIRGULINA	COMPLANATA	OFF ALASKA PENINSULA	56 23N 154 27W
12420 TODD LOW 1967	VIRGULINA	FUSIFORMIS	CLARENCE ST., ALASKA	55 21N 131 58W
12421 TODD LOW 1967	VIRGULINA	FUS [ FORM ] S	EXCURSION, ALASKA	58 25N 135 30W
12422 SMITH 1973	VIRGULINA	PAUCILOCULATA	OFF ALASKA PENINSULA	53 53N 161 40W
12423 BERGEN O'NEIL 1979	VIRGULINA	SANDIEGOENSIS	GULF OF ALASKA	59 00N 141 20W
12424 BERGEN O'NEIL 1979	VIRGULINA	S EM I NU D A	GULF OF ALASKA	59 30N 145 20W
12425 BERGEN O'NEIL 1979	VIRGULINA	SEMINUDA	GULF OF ALASKA	59 25N 145 25W
12426 BERGEN O'NEIL 1979	VIRGULINA	SEMINUDA	GULF OF ALASKA	59 30N 142 55W
12427 BERGEN O'NEIL 1979	VIRGULINA	SEMINUDA	GULF OF ALASKA	59 00N 141 20W
12428 BERGEN O'NEIL 1979	VIRGULINA	S EM I NU D A	GULF OF ALASKA	59-30N 143 00W

## CATALOG 2

## Synonymized Species with Publication and Location

Publication	Generic Name	Specific Name	Locality	Lat. Long.
10001 COCKBAIN 1963	ADERCOTRYMA	GLOMERATA	BRITISH COLUMBIA	48 14N 123 30W 48 45N 123 00W
10002 COCKBAIN 1963 10003 COCKBAIN 1963	A DE R C O T R YMA A D E R C O T R YMA	GLOMERATA GLOMERATA	BRITISH COLUMBIA BRITISH COLUMBIA	48 20N 123 00W
10004 COCKBAIN 1963	A DE R C O T R Y M A	GLOMERATA	BRITISH COLUMBIA	48 35N 122 51W
1000S COCKBAIN 1963 10006 COCKBAIN 1963	A DE RCOTRYMA A DE RCOTRYMA	GLOMERATA Glomerata	BRITISH COLUMBIA BRITISH COLUMBIA	48 20N 124 10W 49 15N 123 30W
10007 COCKBAIN 1963	ADERCOTRYMA	GLOMERATA	BRITISH COLUMBIA	49 00N 123 15W
10008 COCKBAIN 1963	ADERCOTRYMA	GLOMERATA	BRITISH COLUMBIA	49 40N 124 45W 59 45N 144 55W
10009 BERGEN O'NEIL 1979 10010 BERGEN O'NEIL 1979	A DE R C O T R YMA A D E R C O T R Y M A	G LO MERATA G LO MERATA	GULF OF ALASKA GULF OF ALASKA	59 42N 144 10W
10011 BERGEN O'NEIL 1979	ADERCOTRYMA	GLOMERATA	GULF OF ALASKA	56 25N 152 45W
10012 BERGEN O'NEIL 1979 10013 BERGEN O'NEIL 1979	A DE R C O T R Y M A A DE R C O T R Y M A	GLOMERATA GLOMERATA	GULF OF ALASKA GULF OF ALASKA	59 45N 146 00W 59 55N 142 25W
10014 BERGEN O'NEIL 1979	ADERCOTRYMA	GLOMERATA	GULF OF ALASKA	59 30N 145 40W
1001S SMITH 1973 10016 SMITH 1973	ADERCOTRYMA	GLOMERATA	OFF ALASKA PENINSULA	52 41N 155 36W 48 61N 161 07W
10016 SMITH 1973	A DE R C O T R Y M A A D E R C O T R Y M A	GLOMERATA GLOMERATA	OFF ALASKA PENINSULA NORTH PACIFIC	43 47N 160 36W
10018 SMITH 1973	ADERCOTRYMA	GLOMERATA	OFF ALASKA PENINSULA	49 50N 160 57W
10019 SM1TH 1973 10020 COOPER 1961	A DE RCOTRYMA HAPLOPHRAGMOIDES	GLOMERATA COLUMBIENSIS	OFF ALASKA PENINSULA OREGON COAST	53 16N 161 33W 44 02N 124 08W
10021 COOPER 1961	HAPLOPHRAGMO1 DES	COLUMBIENS1S	OREGON COAST	43 D7N 124 26W
10022 LANKFORD PHLEGER 1973 10023 LANKFORD PHLEGER 1973	HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES	C OL UMB 1 ENS I S C OL UMB I ENS I S	DEPOE BAY, OREGON CRESCENT CITY, CALIF.	44 47N 124 05W 41 45N 124 13W
10024 COCKBAIN 1963	HAPLOPHRAGMOIDES	COLUMBIENSIS	BRITISH COLUMBIA	49 15N 123 30W
10025 COCKBAIN 1963	HAPLOPHRAGMOIDES	C OL UMB 1 ENS 1 S	BRITISH COLUMBIA	48 20N 124 10W 48 20N 123 00W
10026 COCKBAIN 1963 10027 COCKBAIN 1963	HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES	C OL UMBIENSIS C OL UMBIENSIS	BRITISH COLUMBIA BRITISH COLUMBIA	48 20N 123 00W
10028 COCKBAIN 1963	HAPLOPHRAGMOIDES	C OL UMB I ENS 1 S	BRITISH COLUMBIA	49 OON 123 15W
10029 COCKBAIN 1963 10030 COCKBAIN 1963	HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES	C OL UMB I ENS I S	BRITISH COLUMBIA BRITISH COLUMBIA	48 14N 123 30W 50 00N 125 07W
10031 COCKBAIN 1963	HAP LOPHRAGMOIDE S	COLUMBIENSIS	BRITISH COLUMBIA	49 40N 124 45W
10032 SMITH 1973	CR1 BROST OMO I DES	N 1 T 1 DUM	NORTH PACIFIC	43 47N 16D 36W
10033 SMITH 1973 10034 SMITH 1973	CRIBROSTOMOIDES CRIBROSTOMOIDES	NITIDUM NITIDUM	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	53 16N 161 33W 54 51N 155 24W
10035 SM1TH 1973	CRI BROST OMOIDES	NIT1DUM	OFF ALASKA PENINSULA	52 41N 155 36W
10036 SMITH 1973 10037 SMITH 1973	CRIBROSTOMOIDES CRIBROSTOMOIDES	N I T I DUM	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	49 50N 160 57W 48 61N 161 07W
10037 3M1TH 1973	HAPLOPHRAGMOIDES	RINGENS	OFF ALASKA PENINSULA	49 50N 160 57W
10039 SM1TH 1973	HAPLOPHRAGMOIDES	RINGENS	OFF ALASKA PENINSULA	52 41N 155 36W
10040 COCKBAIN 1963 10041 COCKBAIN 1963	HAPL OPHRAGMOIDES HAPLOPHRAGMOIDES	COLUMBIENSIS COLUMBIENSIS	BRITISH COLUMBIA BRITISH COLUMBIA	48 20N 124 10W 49 40N 124 45W
10042 COCKBAIN 1963	HAPLOPHRAGMOIDES	C OL UMB I ENS I S	BRITISH COLUMBIA	48 14N 123 30W
10043 COCKBAIN 1963 10044 COCKBAIN 1963	HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES	COLUMBIENSIS COLUMBIENSIS	BRITISH COLUMBIA BRITISH COLUMBIA	49 15N 123 30W 48 20N 123 00W
10045 SMITH 1973	HAP LOPHRAGMO1 DE S	S C1 TULUM	OFF ALASKA PENINSULA	48 61N 161 07W 49 50N 160 57W
10046 SMITH 1973 10047 SMITH 1973	CRIBROSTOMOIDES CRIBROSTOMOIDES	S U B G L O B O S U M S U B G L O B O S U M	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	49 50N 160 57W 54 51N 155 24W
10047 SHITH 1973	CRIBROSTOMOIDES	SUBGLOBOSUM	OFF ALASKA PENINSULA	53 16N 161 33W
10049 SM1TH 1973	CRIBROSTOMOIDES	SUBGLOBOSUM	OFF ALASKA PENINSULA	48 61N 161 07W
10050 SMITH 1973 10051 SMITH 1973	CRI BROSTOMO1DES CRI BROSTOMO1DES	S U B G L O B O S U M S U B G L O B O S U M	KODIAK, ALASKA OFF ALASKA PENINSULA	5 7 49N 152 30W 53 53N 161 40W
10052 SM1TH 1973	CR1 BROST OMOIDES	SUBGLOBOSUM	OFF ALASKA PENINSULA	52 41N 155 36W
10053 SMITH 1973 10054 SMITH 1973	CRIBROSTOMOIDES CRIBROSTOMOIDES	W IE SNER I W IE SNER I	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	48 61N 161 07W
10055 SM1TH 1973	AMMOBACULITES	A G G L U T I NANS	OFF ALASKA PENINSULA	52 41N 155 36W 49 50N 160 57W
10056 SMITH 1973	AMMOBACULITES	AGG LUTI NANS	NORTH PACIFIC	43 47N 160 36W 59 00N 141 20W
10057 BERGEN O'NEIL 1979 10058 SMITH 1973	AMMOBACULITES AMMOBACULITES	AGGLUTINANS FILIFORMIS	GULF OF ALASKA OFF ALASKA PENINSULA	48 61N 161 07W
10059 SMITH 1973	AMMOBA CUL 1 TES	F1L1FORM1S	OFF ALASKA PENINSULA	53 16N 161 33W
10060 SMITH 1973 10061 SMITH 1973	AMMOBA CULITES AMMOBA CULITES	A ME R I C A NUS A ME R I C A NUS	OFF ALASKA PEN1NSULA OFF ALASKA PENINSULA	48 61N 161 07W 53 16N 161 33W
10062 TODD LOW 1967	AMMOBA CULITES	ARENARIUS	GULF OF ALASKA	59 32N 142 36W
10063 CUSHMAN MCCULLOCH 1939 10064 CUSHMAN MCCULLOCH 1939	AMM OT 1 UM AMM OT 1 UM	C A S S I S C A S S I S	KETCHIKAN, ALASKA OFF ALASKA	55 21N 131 39W 60 35N 145 44W
10065 CUSHMAN MCCULLOCH 1939	AMMOTIUM	CASSIS	OFF ALASKA	60 30N 146 00W
10066 CUSHMAN MCCULLOCH 1939	AMMOTIUM	CASSIS	OFF ALASKA	59 23N 135 20W
10067 JONES ROSS 1979 10068 SCOTT 1974	AMMOBACULITES AMMOBACULITES	E X I GUUS E X I GUUS	SAMISH BAY, WASH. Samish-Padilla Bays	48 35N 122 28W 48 36N 122 29W
10069 PHLEGER 1967	AMMOBACULITES	E X I GUUS	GRAY'S HARBOUR, WASH.	47 OON 124 D8W
10070 PHLEGER 1967 10071 SMITH 1973	AMMOBA CULITES AMMOBA CULITES	E XI GUUS F IL I FORMI S	COOS, BAY, OREGON OFF ALASKA PENINSULA	43 25N 124 08W 52 41N 155 36W
10072 SMITH 1973	AMMOBACULITES	F1L1FORMIS	OFF ALASKA PENINSULA	49 50N 160 57W
10073 TODD LOW 1967	AMMODISCUS	ARENACEUS	GULF OF ALASKA	59 32N 142 36W
10074 TODD LOW 1967 10075 TODD LOW 1967	AMMODISCUS AMMODISCUS	A RE NACEUS GUL LMA RENSIS	KASAAN BAY, ALASKA Excursion, Alaska	55 26N 132 14W 58 25N 135 30W
10076 TODO LOW 1967	AMMOD1SCUS	GUL LMARENS 1S	GAMBIER BAY, ALASKA	57 20N 134 02W
10077 TODD LOW 1967 10078 BERGEN O'NEIL 1979	AMMOD1SCUS AMMOD1SCUS	GUL LMARENS1S MINUT1SSIMUS	GULF OF ALASKA GULF OF ALASKA	59 32N 142 36W
10079 BERGEN O'NEIL 1979	AMMODISCUS	M INUTISSIMUS	GULF OF ALASKA	59 35N 143 00W 59 30N 145 45W
10080 BERGEN O'NEIL 1979	AMMODISCUS	M 1N UT 1 S S 1 M U S	GULF OF ALASKA	59 ODN 141 20W
10081 BERGEN O'NEIL 1979 10082 BERGEN O'NEIL 1979	AMMODISCUS AMMODISCUS	MINUTISSIMUS MINUTISSIMUS	GULF OF ALASKA GULF OF ALASKA	59 45N 144 55W 59 30N 143 00W
10083 BERGEN O'NEIL 1979	AMM OD 1 S C U S	MINUTISSIMUS	GULF OF ALASKA	59 30N 142 55W
10084 BERGEN O'NEIL 1979 10085 BERGEN O'NEIL 1979	AMMODISCUS AMMODISCUS	MINUTISSIMUS MINUTISSIMUS	GULF OF ALASKA GULF OF ALASKA	58 50N 141 15W 59 30N 145 20W
Senden o mele 1717				>> JUN 143 20W

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1 uotteation	Generic Name	Specific Name	Locatity	Lat. Long.
10086 BERGEN O'NEIL 1979 10087 BERGEN O'NEIL 1979	AMMODISCUS	PACIFICUS	GULF OF ALASKA	59 30N 145 20W
10088 SMITH 1973	AMMODISCUS AMMOMARGINULINA	FOL LACEA	GULF OF ALASKA	48 61N 161 07W
10089 SMITH 1973	AMMOMARGINULINA	FOL LACE A	OFF ALASKA PENINSULA	52 41N 155 36W
10090 SMITH 1973 10091 BERGEN O'NEIL 1979	AMM OM A R G I NUL I NA	FOL IACEA	OFF ALASKA PENINSULA	54 51N 155 24W
10092 BERGEN O'NEIL 1979	AMM OMARGINULINA	SANDIEGOENSIS	GULF OF ALASKA	59 30N 142 55W
10093 BERGEN O'NEIL 1979	AMM OMARGINULINA	SANDIEGOENSIS	GULF OF ALASKA	59 25N 145 25W
10094 BERGEN O'NEIL 1979 10095 Jones Ross 1979	AMM OM A R G I N U L I N A	SANDIEGOENSIS BECCAPII	GULF OF ALASKA	59 30N 143 UUW 48 35N 122 28W
10096 SCOTT 1974	AMMONIA	BECCARLL	SAMISH-PADILLA BAYS	48 36N 122 29W
10097 BRADSHAW 1961 10098 BERGEN O'NEIL 1979	AMMONIA	BECCARII	COOS BAY, OREGON	43 24N 124 14W
10099 BERGEN O'NEIL 1979	AMMOSCALARIA	P SEUDOS PIRALIS P SEUDOS PIRALIS	GULF OF ALASKA	59 25N 145 25W
10100 TODD LOW 1967	MUITOMMA	CASSIS	EXCURSION. ALASKA	58 25N 135 30W
10101 TOOD LOW 1967 10102 COCKBAIN 1963	MUITOMMA	CASSIS	LYNN CANAL, ALASKA	58 40N 135 00W
10103 BERGEN O'NEIL 1979	HAPLOPHRAGMOIDES	PLANISSIMUM	GULF OF ALASKA	59 30N 145 20W
10104 BERGEN O'NEIL 1979 10105 BERGEN O'NEIL 1979	HAPLOPHRAGMOIDES	PLANISSIMUM	GULF OF ALASKA	59 25N 145 25W
10105 BERGEN O'NEIL 1979	HAPLOPHRAGMOIDES	PLANISSIMUM PLANISSIMUM	BRITISH COLUMBIA	48 20N 123 00W
10107 COCKBAIN 1963	HAPLOPHRAGMOIDES	PLANISSIMUM	BRITISH COLUMBIA	48 35N 122 51W
10108 COCKBAIN 1963 10109 COCKBAIN 1963	HAPLOPHRAGMOIDES	PLANISSIMUM	BRITISH COLUMBIA	48 14N 123 30W
10110 COCKBAIN 1963	HAPLOPHRAGMOIDES	PLANISSIMUM	BRITISH COLUMBIA	48 45N 123 00W
10111 COCKBAIN 1963	HAPLOPHRAGMOIDES	PLANISS IMUM	BRITISH COLUMBIA	49 15N 123 30W
10112 COCKBAIN 1963 10113 PHLEGER 1967	AMMOTIUM	PLANISSIMUM SALSUM	COOS A RAYA ORFGON	49 4UN 124 45W
10114 PHLEGER 1967	MUITOMMA	S AL SUM	FRASER R. B.C.	49 05N 123 06W
10114 PHLEGER 1967 10115 JONES ROSS 1979 10116 PHLEGER 1967	AMMOTIUM	S AL SUM	SAMISH BAY, WASH.	48 35N 122 28W
10117 SCOTT 1974	MULTOMMA	S AL SUM	SAMISH-PADILLA BAYS	48 36N 122 29W
10118 LANKFORD PHLEGER 1973	ANGULODISCORBIS	CHARLOTTENSIS	DEPOE BAY, OREGON	44 47N 124 05W
10119 LANKFORD PHLEGER 1973 10120 CUSHMAN MCCULLOCH 1948	ANGULODISCORBIS	CHARLOTTENSIS	CRESCENT CITY, CALIF.	41 45N 124 13W
10121 CUSHMAN MCCULLOCH 1948	TRIFARINA	ANGULOSA	KETCHIKAN, ALASKA	55 21N 131 39W
10122 COCKBAIN 1963 10123 COCKBAIN 1963	TRIFARINA	ANGULOSA	BRITISH COLUMBIA	48 45N 123 00W
10124 COCKBAIN 1963	TRIFARINA TRIFARINA TRIFARINA TRIFARINA	ANGULOS A	BRITISH COLUMBIA	48 20N 123 00W
10125 COCKBAIN 1963	TRIFARINA	ANGULOSA	BRITISH COLUMBIA	48 20N 124 10W
10126 COCKBAIN 1963 10127 SMITH 1973	TRIFARINA	ANGULOSA ANGULOSA	BRITISH COLUMBIA	48 14N 123 30W
10128 CUSHMAN MCCULLOCH 1948	TRIFARINA	FLUENS	OFF ALASKA	56 28N 132 23W
10129 CUSHMAN MCCULLOCH 1948 10130 TODD LOW 1967	TRIFARINA	FLUENS	KETCHIKAN, ALASKA	55 21N 131 39W
10131 TODD LOW 1967	TRIFARINA TRIFAR	FLUENS FLUENS	OFF ALASKA KETCHIKAN, ALASKA BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA OFF ALASKA KETCHIKAN, ALASKA GAMBIER BAY, ALASKA KASAAN BAY, ALASKA TAKU HARBOUR, ALASKA EXCURSION, ALASKA SUNSET BAY, OREGON WASHINGTON COAST OREGON COAST	55 26N 132 14W
10132 TOOD LOW 1967	TRIFARINA	FLUENS	TAKU HARBOUR, ALASKA	58 OZN 134 OOW
10133 TODD LOW 1967 10134 TODD LOW 1967	TRIFARINA	FLUENS FLUENS	EXCURSION, ALASKA	58 25N 135 30W
10135 DETLING 1958	TRIFARINA	FLUENS	SUNSET BAY, OREGON	43 21N 124 20W
10136 CUSHMAN TODO 1947 10137 COOPER 1961	TRIFARINA	HUGHES I	WASHINGTON COAST OREGON COAST BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA WASHINGTON COAST WASHINGTON COAST WASHINGTON COAST WASHINGTON COAST OFF WASHINGTON CRESCENT CITY, CALIF, GULF OF ALASKA GULF OF ALASKA	48 32N 123 10W
10137 COUPER 17981 10138 COCKBAIN 1963	TRIFARINA	SEMITRIGONA	BRITISH COLUMBIA	48 45N 123 00W
10139 COCKBAIN 1963	TRIFARINA	SEMITRIGONA	BRITISH COLUMBIA	49 00N 123 15W
10140 COCKBAIN 1963 10141 COCKBAIN 1963	TRIFARINA	S EM I TR I GONA S EM I TR I GONA	BRITISH COLUMBIA	48 14N 123 30W
10142 CUSHMAN TODO 1947	TRIFARINA	SEMITRIGONA	WASHINGTON COAST	48 33N 123 00W
10143 CUSHMAN TODD 1947 10144 CUSHMAN TODD 1947	TRIFARINA	S EM I T R I GONA S EM I T R I GONA	WASHINGTON COAST	48 32N 123 10W
10145 CUSHMAN 1915	PLANULINA	ARIMINENSIS	OFF WASHINGTON	45 30N 124 52W
10146 NATLAND 1933 10147 BERGEN O'NEIL 1979	ANIJAMONA	S CHMITTI	CRESCENT CITY, CALIF.	41 46N 124 14W
10148 BERGEN O'NEIL 1979	ASTACOLUS	H YA LACRULUS H YA LACRULUS	GULF OF ALASKA	56 25N 152 45W
10149 BERGEN O'NEIL 1979	ASTACOLUS	PLANULATUS	GULF OF ALASKA EXCURSION, ALASKA TAKU HARBOUR, ALASKA GAMBIER BAY, ALASKA GULF OF ALASKA	58 35N 138 15W
10150 TODD LOW 1967 10151 TODD LOW 1967	ASTACOLUS ASTRONONION	PLANULATUS Gallowayi	GULF OF ALASKA	59 32N 142 36W
10152 TODD LOW 1967	ASTRONONION	GAL LOWAYI	EXCURSION, ALASKA	58 25N 135 30W
10153 TODD LOW 1967 10154 TODD LOW 1967	ASTRONON ION ASTRONON ION	G AL LOWAYI G AL LOWAYI	TAKU HARBOUR, ALASKA Gambier bay, alaska	58 02N 134 00W
10155 BERGEN O'NEIL 1979	ASTRONONION	GALLOWAYI	GULF OF ALASKA	59 45N 144 55W
10156 BERGEN O'NEIL 1979	ASTRONONION	GALLOWAYI	GULF OF ALASKA	59 45N 146 00W
10157 BERGEN O'NEIL 1979 10158 BERGEN O'NEIL 1979	ASTRONONION ASTRONONION	G AL LOWA Y I G AL LOWA Y I	GULF OF ALASKA	59 42N 144 10W
10159 BERGEN O'NEIL 1979	ASTRONONION	GALLOWAYI	GULF OF ALASKA	59 55N 142 25W
10160 BERGEN O'NEIL 1979 10161 BERGEN O'NEIL 1979	AZIKONONION	GALLOWAYI GALLOWAYI	GULF OF ALASKA GULF OF ALASKA	56 30N 152 40W 59 35N 146 30W
10162 BERGEN O'NEIL 1979	ASTRONONION ASTRONONION	GALLOWAYI	GULF OF ALASKA	58 35N 139 15W
10163 DETLING 1958	ASTRONONION	GALLOWAYI	SUNSET BAY, OREGON	43 21N 124 20W
10164 COCKBAIN 1963 10165 COCKBAIN 1963	ASTRONONION ASTRONONION	G AL LOWAYI G AL LOWAYI	BRITISH COLUMBIA British Columbia	48 20N 123 00W 48 45N 123 00W
10166 COCKBAIN 1963	ASTRONONION	GALLOWAYI	BRITISH COLUMBIA	48 14N 123 30W
10167 BERGEN O'NEIL 1979	ASTRONONION ASTRONONION	GALLOWAYI GALLOWAYI	GULF OF ALASKA GULF OF ALASKA	59 30N 145 20W 59 25N 145 25W
	ASTRONONION	GALLOWAYI	GULF OF ALASKA	59 30N 145 25W
10170 BERGEN O'NEIL 1979	ASTRONONION	GALLOWAYI	GULF OF ALASKA	59 20N 145 38W
10171 BERGEN O*NEIL 1979 10172 CUSHMAN TODD 1947	ASTRONONION ASTRONONION	G AL L OWAY I G AL L OWAY I	GULF OF ALASKA WASHINGTON COAST	58 50N 141 15W 48 32N 123 10W
10173 CUSHMAN EDWARDS 1937	ASTRONONION ASTRONONION ASTRONONION	VIRAGOENSIS	VIRAGO SD., B.C.	54 10N 132 30W
10174 CUSHMAN TODO 1947	ASTRONONION	VIRAGOENSIS	WASHINGTON COAST OFF OREGON	48 33N 123 00W
10175 CUSHMAN 1927 10176 CUSHMAN 1927	BATHYSIPHON PYRGO	A RE NACEA DEPRESSA	OFF OREGON	43 OBN 124 55W 43 OBN 124 55W
10177 CUSHMAN 1927	PYRGO	DEPRESSA	OFF OREGON	43 OZN 124 55W
10178 CUSHMAN 1917 10179 CUSHMAN 1927	PYRGO PYRGO	L UC ERNULA S ER RATA	OFF OREGON OFF CALIFORNIA	43 58N 124 36W 43 03N 124 52W
10179 LUSHMAN 1927 10180 TOOD LOW 1967	BILOCULINELLA	GLOBULA	GULF OF ALASKA	59 32N 142 36W

Publication  10181 CUSHMAN MCCULLOCH 1942 10182 CUSHMAN 100D 1947 10184 CUSHMAN 100D 1947 10185 COSHMAN 100D 1947 10186 BERGEN 0'NEIL 1979 10188 BERGEN 0'NEIL 1979 10188 COCKBAIN 1963 10190 COCKBAIN 1963 10190 COCKBAIN 1963 10191 CUSHMAN 100D 1947 10192 LANKFORD PHEGER 1973 10193 BERGEN 0'NEIL 1979 10194 BERGEN 0'NEIL 1979 10195 BERGEN 0'NEIL 1979 10196 BERGEN 0'NEIL 1979 10197 BERGEN 0'NEIL 1979 10198 BERGEN 0'NEIL 1979 10199 BERGEN 0'NEIL 1979 10199 BERGEN 0'NEIL 1979 10199 BERGEN 0'NEIL 1979 10200 BERGEN 0'NEIL 1979 10200 BERGEN 0'NEIL 1979 10201 BERGEN 0'NEIL 1979 10201 BERGEN 0'NEIL 1979 10202 BERGEN 0'NEIL 1979 10203 BERGEN 0'NEIL 1979 10204 BERGEN 0'NEIL 1979 10204 BERGEN 0'NEIL 1979 10205 BERGEN 0'NEIL 1979 10206 BERGEN 0'NEIL 1979 10207 SMITH 1973 10208 TODD LOW 1967 10210 TODD LOW 1967 10210 TODD LOW 1967 10211 TODD LOW 1967 10211 TODD LOW 1967 10212 TODD LOW 1967 10213 TODD LOW 1967 10214 BERGEN 0'NEIL 1979 10229 BERGEN 0'NEIL 1979 10229 BERGEN 0'NEIL 1979 10218 BERGEN 0'NEIL 1979 10218 BERGEN 0'NEIL 1979 10229 BERGEN 0'NEIL 1979 10218 BERGEN 0'NEIL 1979 10218 BERGEN 0'NEIL 1979 10229 BERGEN 0'NEIL 1979 10219 BERGEN 0'NEIL 1979 10219 BERGEN 0'NEIL 1979 10219 BERGEN 0'NEIL 1979 10219 BERGEN 0'NEIL 1979 10210 TODD LOW 1967 10211 TODD LOW 1967 10211 TODD LOW 1967 10212 TODD LOW 1967 10213 TODD LOW 1967 10213 TODD LOW 1967 10214 BERGEN 0'NEIL 1979 10229 BERGEN 0'NEIL 1979 10230 BERGEN 0'NEIL 1979 10230 BERGEN 0'NEIL 1979 10231 BERGEN 0'NEIL 1979 10232 BERGEN 0'NEIL 1979 10233 BERGEN 0'NEIL 1979 10234 BERGEN 0'NEIL 1979 10235 BERGEN 0'NEIL 1979 10246 BERGEN 0'NEIL 1979 10247 BERGEN 0'NEIL 1979 10248 BERGEN 0'NEIL 1979 10249 BERGEN 0'NEIL 1979 10240 BERGEN 0'NEIL 1979 10251 BERGEN 0'NEIL 1979 10264 BERGEN 0'NEIL 1979 10265 BERGEN 0'NEIL 1979 10266 BERGEN 0'NEIL 1979 10267 BERGEN 0'NEIL 1979 10268 BERGEN 0'NEIL 1979 10269 BERGEN 0'NEIL 1979 10260 BERGEN 0'NEIL 1979 10265 BERGEN 0'NEIL 1979 10265 BERGEN 0'NEIL	Generic Name	Specific Name	DOCALITY  OFF ALASKA KETCHIKAN, ALASKA MASHINGTON COAST WASHINGTON COAST WASHINGTON COAST UASHINGTON COAST CLARENCE ST., ALASKA GULF OF ALASKA BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA MASHINGTON COAST CRESCENT CITY, CALIF. GULF OF ALASKA GULF OF ALA	Lat. Long.
10181 CUSHMAN MCCULLOCH 1942	BOLIVINA	PACIFICA .	OFF ALASKA	56 28N 132 23W
10183 CUSHMAN TODO 1947	BOLIVINA	PACIFICA PACIFICA	WASHINGTON COAST	48 33N 123 00W
10184 CUSHMAN TODD 1947	BOLIVINA	PACIFICA	WASHINGTON COAST	48 32N 123 00W 55 21N 131 58W
10186 BERGEN O'NEIL 1979	BOLIVINA	BARBATA	GULF OF ALASKA	59 30N 145 40W
10187 BERGEN O'NEIL 1979 10188 COCKBAIN 1963	BOLIVINA BOLIVINA	BARBATA COMPACTA	GULF OF ALASKA	48 45N 123 00W
10189 COCKBAIN 1963	BOLIVINA	COMPACTA	BRITISH COLUMBIA	50 00N 125 07W
10191 CUSHMAN TOOD 1947	BOLIVINA	COMPACTA	WASHINGTON COAST	48 33N 123 00W
10192 LANKFORD PHLEGER 1973 10193 BERGEN O'NEIL 1979	BOLIVINA BOLIVINA	COMPACTA	CRESCENT CITY, CALIF.	41 45N 124 13W 58 50N 141 15W
10194 BERGEN O'NEIL 1979	BOLIVINA	DECUSSATA	GULF OF ALASKA	59 30N 145 20W
10195 BERGEN O'NEIL 1979	BOLIVINA	D EC USSATA D EC USSATA	GULF OF ALASKA GULF OF ALASKA	59 30N 145 45W
10197 BERGEN O'NEIL 1979	BOLIVINA	DECUSSATA	GULF OF ALASKA	59 30N 142 55W 59 00N 141 20W
10199 BERGEN O'NEIL 1979	BOLIVINA	DECUSSATA	GULF OF ALASKA	59 45N 144 55W
10200 BERGEN O'NEIL 1979	BOLIVINA	D EC USSATA D EC USSATA	GULF OF ALASKA GULF OF ALASKA	58 35N 138 15W
10202 BERGEN O'NEIL 1979	BOLIVINA	DECUSSATA	GULF OF ALASKA	58 30N 139 00W 59 42N 144 10W
10204 BERGEN O'NEIL 1979	BOLIVINA	DECUSSATA	GULF OF ALASKA	59 30N 143 00W
10205 BERGEN O'NEIL 1979 10206 BERGEN O'NEIL 1979	BOLIVINA BOLIVINA	D EC USSATA D EC USSATA	GULF OF ALASKA GULF OF ALASKA	59 20N 145 40W
10207 SMITH 1973	BOLIVINA	DECUSSATA	OFF ALASKA PENINSULA	54 55N 157 59W
10209 TODO LOW 1967	BOLIVINA	DECUSSATA	EXCURSION, ALASKA	58 25N 135 30W
10210 TODD LOW 1967 10211 TODD LOW 1967	BOLIVINA BOLIVINA	D EC USSATA D EC USSATA	TAKU HARBOUR, ALASKA GAMBIER BAY, ALASKA	58 02N 134 00W 57 20N 134 02W
10212 TODO LOW 1967	BOLIVINA	DECUSSATA	CLARENCE ST. ALASKA	55 21N 131 58W
10213 1000 COW 1987 10214 BERGEN O'NEIL 1979	BOLIVINA	MINUTA	GULF OF ALASKA	59 25N 145 25W
10215 TOOD LOW 1967	BOLIVINA BOLIVINA	O CE ANI CA	GULF OF ALASKA Kasaan raya alaska	59 32N 142 36W 55 26N 132 14W
10217 TODD LOW 1967	BOLIVINA	PACIFICA	GULF OF ALASKA	59 32N 142 36W
10218 BERGEN O'NEIL 1979	BOLIVINA	PACIFICA	GULF OF ALASKA	59 30N 145 40W
10220 COCKBAIN 1963	BOLIVINA	PACIFICA	BRITISH COLUMBIA	48 20N 123 00W
10222 COCKBAIN 1963	BOLIVINA	PACIFICA	BRITISH COLUMBIA	48 45N 123 00W
10223 COCKBAIN 1963 10224 COCKBAIN 1963	BOLIVINA BOLIVINA	PACIFICA PACIFICA	BRITISH COLUMBIA BRITISH COLUMBIA	50 00N 12S 07W 49 00N 123 15W
10225 COCKBAIN 1963	BOLIVINA	PACIFICA	BRITISH COLUMBIA	48 14N 123 30W
10220 COCKBAIN 1903 10227 BERGEN O'NEIL 1979	BOLIVINA	PACIFICA	GULF OF ALASKA	59 30N 142 55W
10228 BERGEN O'NEIL 1979 10229 BERGEN O'NEIL 1979	BOLIVINA BOLIVINA	PACIFICA PACIFICA	GULF OF ALASKA	59 30N 143 00W 59 30N 145 45W
10230 BERGEN O'NEIL 1979	BOLIVINA	PACIFICA	GULF OF ALASKA	S9 20N 14S 38W
10231 BERGEN O'NEIL 1979	BOLIVINA	PACIFICA	GULF OF ALASKA	59 35N 143 00W
10233 BERGEN O'NEIL 1979	BOLIVINA	PACIFICA PACIFICA	GULF OF ALASKA	59 45N 144 55W
10235 BERGEN O'NEIL 1979	BOLIVINA	PACIFICA	GULF OF ALASKA	59 30N 145 20W
10236 CUSHMAN MCCULLUCH 1942	RECTOBOLIVINA	PORRECTA	GULF OF ALASKA	59 32N 142 36W
10238 COOPER 1961 10239 SMITH 1973	BOLIVINA BOLIVINA	P SE UDOPLICATA P SE UDOPLICATA	OREGON COAST OFF ALASKA PENINSULA	44 49N 124 04W 56 23N 154 27W
10240 BERGEN O'NEIL 1979	BOLIVINA	PUNCTATA	GULF OF ALASKA	59 30N 145 40W
10241 CUSHMAN 1927 10242 CUSHMAN 1927	BOLIVINA	PUNCTATA PUNCTATA	OFF OREGON OFF OREGON	43 U/N 124 41W
10243 COOPER 1961	BOLIVINA	HUMILIS	OREGON COAST	42 25N 124 26W
10245 BERGEN O'NEIL 1979	BOLIVINA	SPISSA	GULF OF ALASKA	59 30N 145 40W
10246 BERGEN O'NEIL 1979 10247 BERGEN O'NEIL 1979	BOLIVINA BOLIVINA	SPISSA SPISSA	GULF OF ALASKA GULF OF ALASKA	59 00N 141 20W 59 25N 145 25W
10248 BERGEN O'NEIL 1979	BOLIVINA	SPISSA	GULF OF ALASKA	59 30N 145 20W
10250 BERGEN O'NEIL 1979	BOLIVINA	SPISSA	GULF OF ALASKA	59 30N 145 45W
10251 BERGEN O'NEIL 1979 10252 BERGEN O'NEIL 1979	BOLIVINA BOLIVINA	SPISSA SUBADVENA	GULF OF ALASKA GULF OF ALASKA	59 30N 143 00W 59 00N 141 20W
10253 TODO LOW 1967	BOLIVINA	SUBAENARIENSIS	CLARENCE ST. ALASKA	55 21N 131 58W
10254 TOOD LOW 1967 10255 BERGEN O'NEIL 1979	BUCCELLA	FRIGIDA FRIGIDA	CLARENCE ST., ALASKA GULF OF ALASKA	55 21N 131 58W 59 30N 145 20W
10256 BERGEN O'NEIL 1979 10257 SMITH 1973	BUCCELLA BUCCELLA	FRIGIDA FRIGIDA	GULF OF ALASKA KODIAK, ALASKA	59 25N 145 25W 57 49N 152 30W
10258 SCOTT 1974	BUCCELLA	FRIGIDA	SAMISH-PADILLA BAYS	48 36N 122 29W
10259 TODO LOW 1967 10260 TODO LOW 1967	BUCCELLA BUCCELLA	FRIGIDA FRIGIDA	GAMBIER BAY, ALASKA Excursion, Alaska	57 20N 134 02W 58 25N 135 30W
10261 TODD LOW 1967 10262 TODD LOW 1967	BUCCELLA	FRIGIDA FRIGIDA	KASAAN BAY, ALASKA Lynn Canal, Alaska	55 26N 132 14W 58 40N 135 00W
10263 TODD LOW 1967	BUCCELLA	FRIGIOA	TAKU HARBOUR, ALASKA	58 02N 134 00W
10264 BERGEN O'NEIL 1979 10265 BERGEN O'NEIL 1979	BUCCELLA	FRIGIDA FRIGIDA	GULF OF ALASKA GULF OF ALASKA	56 35N 151 50W 59 42N 144 10W
10266 BERGEN O'NEIL 1979 10267 BERGEN O'NEIL 1979	BUCCELLA BUCCELLA	FRIGIOA FRIGIOA	GULF OF ALASKA GULF OF ALASKA	59 30N 145 40W 58 50N 141 15W
10268 BERGEN O'NEIL 1979	BUCCELLA	FRIGIDA	GULF OF ALASKA	59 30N 143 00W
10269 BERGEN O'NEIL 1979 10270 BERGEN O'NEIL 1979	BUCCELLA BUCCELLA	FRIGIOA FRIGIDA	GULF OF ALASKA GULF OF ALASKA	59 45N 146 00W 59 45N 144 55W
10271 BERGEN O'NEIL 1979	BUCCELLA	FRIGIOA FRIGIOA	GULF OF ALASKA GULF OF ALASKA	59 35N 143 00W
10273 BERGEN O'NEIL 1979	BUCCELLA	FRIGIOA	GULF OF ALASKA	59 55N 145 40W 59 50N 145 47W
10274 BERGEN O'NEIL 1979 10275 BERGEN O'NEIL 1979	BUCCELLA BUCCELLA	FRIGIDA FRIGIDA	GULF OF ALASKA GULF OF ALASKA	58 30N 139 00W 59 55N 142 25W
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Publication  10276 BERGEN O'NEIL 1979 10278 ECHOLS 1969 10278 CCHOLS 1969 10278 CCHOLS 1969 10280 ECHOLS 1969 10281 JONES ROSS 1979 10282 BERGEN O'NEIL 1979 10282 BERGEN O'NEIL 1979 10283 DETLING 1958 10284 SMITH 1973 10285 BERGEN O'NEIL 1979 10286 BERGEN O'NEIL 1979 10287 BERGEN O'NEIL 1979 10288 COOPER 1961 10298 COOPER 1961 10299 COOPER 1961 10291 COOPER 1961 10292 COOPER 1961 10292 COOPER 1961 10292 COOPER 1961 10293 COOPER 1961 10293 COOPER 1961 10293 COOPER 1961 10294 ECHOLS 1969 10295 ECHOLS 1969 10296 ECHOLS 1969 10296 ECHOLS 1969 10297 LANKFORD PHLEGER 1973 10298 LANKFORD PHLEGER 1973 10300 CUSHMAN 1927 10301 SMITH 1973 10301 CUSHMAN 1927 10303 BERGEN O'NEIL 1979 10304 BERGEN O'NEIL 1979 10305 BERGEN O'NEIL 1979 10306 BERGEN O'NEIL 1979 10307 BERGEN O'NEIL 1979 10308 BERGEN O'NEIL 1979 10310 SMITH 1973 10311 SMERGEN O'NEIL 1979 10313 BERGEN O'NEIL 1979 10316 BERGEN O'NEIL 1979 10317 CUSHMAN 1927 10311 SREGEN O'NEIL 1979 10318 BERGEN O'NEIL 1979 10318 BERGEN O'NEIL 1979 10319 CUSHMAN 1927 10311 SREGEN O'NEIL 1979 10315 BERGEN O'NEIL 1979 10316 BERGEN O'NEIL 1979 10317 CUSHMAN 1927 10321 CUSHMAN 1927 10321 CUSHMAN 1927 10322 CUSHMAN 1927 10323 CUSHMAN 1927 10324 CUSHMAN 1927 10325 CUSHMAN 1927 10326 CUSHMAN 1927 10327 CUSHMAN 1927 10328 CUSHMAN 1927 10328 CUSHMAN 1927 10329 CUSHMAN 1927 10321 CUSHMAN 1927 10323 CUSHMAN 1927 10326 CUSHMAN 1927 10327 CUSHMAN 1927 10328 CUSHMAN 1927 10329 CUSHMAN 1927 10320 CUSHMAN 1927 10321 CUSHMAN 1927 10323 CUSHMAN 1927 10326 CUSHMAN 1927 10327 CUSHMAN 1927 10328 CUSHMAN 1927 10328 BERGEN O'NEIL 1979 10333 BERGEN O'NEIL 1979 10334 BERGEN O'NEIL 1979 10335 BERGEN O'NEIL 1979 10336 BERGEN O'NEIL 1979 10337 BERGEN O'NEIL 1979 10338 BERGEN O'NEIL 1979 10339 BERGEN O'NEIL 1979 10340 BERGEN O'NEIL 1979 10340 BERGEN O'NEIL 1979 10343 BERGEN O'NEIL 1979 10344 BERGEN O'NEIL 1979 10344 BERGEN O'NEIL 1979 103	Generic Name	FRIGIDA INUSITATA IENERRIMA TENERRIMA INELATA MEXICANA INFLATA BARBATA BARBA	Locality	Lat. Long.
10276 BERGEN O'NEIL 1979 10277 BERGEN O'NEIL 1979	BUCCELLA	FRIGIDA	GULF OF ALASKA	56 30N 152 40W
10278 ECHOLS 1969	BUCCELLA	FRIGIDA	WASHINGTON COAST	47 30N 124 20W
10279 ECHOLS 1969	BUCCELLA	FRIGIDA	WASHINGTON COAST	48 20N 124 42W
10281 JONES ROSS 1979	BUCCELLA	FRIGIDA	SAMISH BAY, WASH.	48 35N 122 28W
10282 BERGEN O'NEIL 1979	BUCCELLA	FRIGIDA	GULF OF ALASKA	59 56N 144 25W
10284 SM1TH 1973	BUCCELLA	I NU SITATA I NU SITATA	SUNSET BAY, OREGON KODIAK, ALASKA	43 21N 124 2UW 57 49N 152 30W
10285 BERGEN O'NEIL 1979	BUCCELLA	INUSITATA	GULF OF ALASKA	56 35N 151 50W
10287 BERGEN O'NEIL 1979	BUCCELLA	I NU SITATA I NU SITATA	GULF OF ALASKA GULF OF ALASKA	59 35N 743 00W 59 56N 144 25W
10288 COOPER 1961	BUCCELLA	TENERRIMA	OREGON COAST	42 25N 124 26W
10290 COOPER 1961	BUCCELLA	TENERRIMA	OREGON COAST	45 36N 123 57W
10291 COOPER 1961	BUCCELLA	TEMERRIMA AGRINIS AURICULATA AURICULATA AURICULATA	OREGON COAST	44 OZN 124 O8W
10293 COOPER 1961	BUCCELLA	TENERRIMA	CALIFORNIA COAST	43 U/N 124 26W
10294 ECHOLS 1969	BUCCELLA	TENERR I MA	WASHINGTON COAST	48 20N 124 42W
10296 ECHOLS 1969	BUCCELLA	TENERRIMA	WASHINGTON COAST	47 30N 124 20W
10297 LANKFORD PHLEGER 1973	BUCCELLA	TENERRIMA	DEPOE BAY, OREGON	44 47N 124 OSW
10299 LANKFORD PHLEGER 1973	BUCCELLA	TENERRIMA	LAPUSH, WASHINGTON	47 55N 127 39W
10300 CUSHMAN 1927 10301 SMITH 1973	BUL IMINA	AFFINIS	OFF OREGON	43 00N 125 07W
10302 CUSHMAN TODD 1947	GLOBOBUL IMINA	AURICULATA	WASHINGTON COAST	48 33N 123 00W
10303 BERGEN O'NEIL 1979 10304 BERGEN O'NEIL 1979	BULIMINA BULIMINA	BARBATA	GULF OF ALASKA	59 30N 145 20W
10305 BERGEN O'NEIL 1979	BULIMINA	BARBATA	GULF OF ALASKA	59 30N 142 55W
10306 BERGEN O'NEIL 1979 10307 BERGEN O'NEIL 1979	OULIMINA OULIMINA	BARBATA	GULF OF ALASKA	59 30N 145 45W
10308 BERGEN O'NEIL 1979	BULIMINA	BARBATA	GULF OF ALASKA	59 30N 143 00W
10309 CUSHMAN 1927 10310 SMITH 1973	BULIMINA BULIMINA	INFLATA	OFF OREGON	43 12N 125 D1W
10311 BERGEN O'NEIL 1979	BUL IMI NA	INFLATA MEXICANA	GULF OF ALASKA	59 20N 145 38W
10312 BERGEN O'NEIL 1979 10313 BERGEN O'NEIL 1979	BULIMI NA BULIMI NA	INFLATA MEXICANA INFLATA MEXICANA	GULF OF ALASKA	59 30N 145 40W
10314 BERGEN O'NEIL 1979	BULIMINA	INFLATA MEXICANA	GULF OF ALASKA	59 30N 145 45W
10315 BERGEN O'NEIL 1979 10316 BERGEN O'NEIL 1979	BULIMINA Bulimina	INFLATA MEXICANA INFLATA MEXICANA	GULF OF ALASKA	59 25N 145 25W 59 30N 145 20W
10317 CUSHMAN 1927	BULIMINA	OVATA	OFF OREGON	43 07N 124 41W
10318 CUSHMAN 1927 10319 CUSHMAN 1927	BULIMINA Bulimina	O VA TA	OFF OREGON OFF OREGON	43 06N 125 08W 43 00N 125 07W
10320 CUS HM AN 1927	BULIMINA	OVATA	OFF OREGON	42 54N 124 44W
10327 CUSHMAN 1927	BULIMINA	OVATA	OFF OREGON OFF OREGON	43 12N 125 Q1W 42 55N 124 45W
10323 CUSHMAN 1927	BULIMINA	OVATA OVULA OVULA OVULA OVULA	OFF OREGON	42 54N 124 43W
10324 CUSHMAN 1927	GLOBOBUL IMINA	OVULA	OFF OREGON	43 08N 124 55W 43 06N 125 08W
10326 CUSHMAN 1927	GLOBOBUL IMINA	OVULA	OFF OREGON	42 54N 124 48W
10328 WHITEAVES 1886	BULIMINA	PYRULA	JOHNSTONE STRAIT, B.C.	50 30N 126 05W
10329 BERGEN O'NEIL 1979	BULIMINA	ROSTRATA	GULF OF ALASKA	59 25N 145 25W
10331 BERGEN O'NEIL 1979	BULIMINA	SUBACUMINATA	GULF OF ALASKA	59 30N 145 40W
10332 BERGEN O'NEIL 1979 10333 BERGEN O'NEIL 1979	BULIMINA BULIMINA	S UB A C U M I N A T A S UB A C U M I N A T A	GULF OF ALASKA	59 00N 141 20W
10334 BERGEN O'NEIL 1979	BULIMINA	SUBACUMINATA	GULF OF ALASKA	59 30N 145 45W
10335 BERGEN O'NEIL 1979 10336 BERGEN O'NEIL 1979	BULIMINA BULIMINA	S UB A C U M I N A T A S UB A C U M I N A T A	GULF OF ALASKA GULF OF ALASKA	58 50N 141 15W 59 30N 145 20W
10337 BERGEN O'NEIL 1979	BULIMINA	SUBACUMINATA	GULF OF ALASKA	59 25N 145 25W
10339 BERGEN O'NEIL 1979	BULIMINELLA	BASICOSTATA ELEGANTISSIMA	GULF OF ALASKA	56 23N 154 27W 59 30N 145 40W
10340 BERGEN O'NEIL 1979	BULIMINELLA	ELEGANTISSIMA	GULF OF ALASKA	59 50N 145 47W
10341 BERGEN O'NEIL 1979 10342 BERGEN O'NEIL 1979	BULIMINELLA	ELEGANTISSIMA	GULF OF ALASKA	59 42N 144 10W
10343 BERGEN O'NEIL 1979 10344 BERGEN O'NEIL 1979	BULIMINELLA	ELEGANTISSIMA	GULF OF ALASKA	59 45N 144 55W
10345 COCKBAIN 1963	BULIMINELLA	ELEGANTISSIMA ELEGANTISSIMA ELEGANTISSIMA ELEGANTISSIMA ELEGANTISSIMA ELEGANTISSIMA ELEGANTISSIMA	BRITISH COLUMBIA	48 20N 124 10W
10346 COCKBAIN 1963 10347 COCKBAIN 1963	BULIMINELLA	ELEGANTISSIMA	BRITISH COLUMBIA	48 14N 123 30W
10348 COCKBAIN 1963	BULIMINELLA	ELEGANTISSIMA	BRITISH COLUMBIA	48 45N 123 00W
10349 COOPER 1961 10350 COOPER 1961	BULIMINELLA BULIMINELLA	ELEGANTISSIMA ELEGANTISSIMA	OREGON COAST OREGON COAST	44 02N 124 08W 43 07N 124 26W
10351 COOPER 1961	BULIMINELLA	ELEGANTISSIMA	CALIFORNIA COAST	41 14N 124 07W
10352 CUSHMAN 1925 10353 TODD LOW 1967	BULIMINELLA BULIMINELLA	ELEGANTISSIMA ELEGANTISSIMA	VIRAGO SD., B.C. EXCURSION, ALASKA	54 10N 132 30W 58 25N 135 30W
10354 TODD LOW 1967	BULIMINELLA	ELEGANTISSIMA	LYNN CANAL, ALASKA	58 40N 135 DOW
10355 CUSHMAN MCCULLOCH 1948 10356 CUSHMAN MCCULLOCH 1948	BULIMINELLA BULIMINELLA	ELEGANTISSIMA ELEGANTISSIMA	OFF ALASKA OFF ALASKA	60 35N 145 44W 56 28N 132 23W
10357 CUSHMAN MCCULLOCH 1948	BULIMINELLA	ELEGANTISSIMA	KETCHIKAN, ALASKA	55 21N 131 39W
10358 ECHOLS 1969 10359 ECHOLS 1969	BULIMINELLA BULIMINELLA	ELEGANTISSIMA ELEGANTISSIMA	WASHINGTON COAST WASHINGTON COAST	48 20N 124 42W 47 30N 124 20W
10360 ECHOLS 1969	BULIMINELLA	ELEGANTISSIMA	WASHINGTON COAST	47 00N 124 10W
10361 DETLING 1958 10362 BERGEN O'NEIL 1979	BUL IMI NELLA BUL IMI NELLA	ELEGANTISSIMA ELEGANTISSIMA	SUNSET BAY, OREGON GULF OF ALASKA	43 21N 124 20W 59 56N 144 25W
10363 LANKFORD PHLEGER 1973	BULIMINELLA	ELEGANTISSIMA	DEPOE BAY, OREGON	44 47N 124 OSW
10364 LANKFORD PHLEGER 1973 10365 LANKFORD PHLEGER 1973	BULIMINELLA BULIMINELLA	ELEGANTISSIMA ELEGANTISSIMA	CRESCENT CITY, CALIF. LAPUSH, WASHINGTON	41 45N 124 13W 47 55N 127 39W
10366 PMLEGER 1967	BULIMINELLA	ELEGANTISSIMA	GRAY'S HARBOUR, WASH.	47 00N 124 D8W
10367 SMITH 1973 10368 CUSHMAN TODD 1947	BULIMINELLA BULIMINELLA	ELEGANTISSIMA ELEGANTISSIMA	KODIAK, ALASKA Washington Coast	57 49N 152 30W 48 32N 123 10W
10369 CUSHMAN TOOD 1947	BULIMINELLA BULIMINELLA	E L E GANTISSIM A	WASHINGTON COAST OFF CALIFORNIA	48 33N 123 00W
10370 CUSHMAN MCCULLOCH 1948	SOCIMINCLEA	E LE GANT (SSIMA	O. CALIFORNIA	41 42N 124 13W

Publication	Generic Name	Specific Name	Locality	Lat. Long.
10371 TODD LOW 1967	BULIMINA	S UB FUS I FORM I S	CLARENCE ST., ALASKA GULF OF ALASKA OFF OREGON OFF OREGON OFF OREGON GULF OF ALASKA	55 21N 131 58W
10372 TODD LOW 1967 10373 CUSHMAN 1927	BULIMINA BULIMINA	SUB FUS I FORM I S TENUATA	GULF OF ALASKA	43 06N 125 08W
10374 CUSHMAN 1927	BULIMINA	TENUATA	OFF OREGON	43 08N 124 59W
10375 CUSHMAN 1927 10376 CUSHMAN 1927	BULIMINA BULIMINA BULIMINA BULIMINA BULIMINA	T EN U AT A T EN U AT A	OFF OREGON	43 08N 124 55W
10377 BERGEN O'NEIL 1979 10378 BERGEN O'NEIL 1979 10379 BERGEN O'NEIL 1979 10380 BERGEN O'NEIL 1979 10380 BERGEN O'NEIL 1979 10381 BERGEN O'NEIL 1979 10382 BERGEN O'NEIL 1979 10383 BERGEN O'NEIL 1979 10383 BERGEN O'NEIL 1979 10385 CUSHMAN TODD 1947 10386 CUSHMAN TODD 1947 10387 BERGEN O'NEIL 1979 10389 BERGEN O'NEIL 1979 10390 BERGEN O'NEIL 1979 10391 TODD LOW 1967 10393 TODD LOW 1967 10393 TODD LOW 1967 10393 TODD LOW 1967 10393 BERGEN O'NEIL 1979 10396 BERGEN O'NEIL 1979 10396 BERGEN O'NEIL 1979 10397 BERGEN O'NEIL 1979 10398 BERGEN O'NEIL 1979 10399 BERGEN O'NEIL 1979 10390 BERGEN O'NEIL 1979 10401 BERGEN O'NEIL 1979 10402 BERGEN O'NEIL 1979 10403 BERGEN O'NEIL 1979 10404 BERGEN O'NEIL 1979 10405 BERGEN O'NEIL 1979 10406 BERGEN O'NEIL 1979 10406 BERGEN O'NEIL 1979 10407 BERGEN O'NEIL 1979 10408 BERGEN O'NEIL 1979 10409 COKEBAIN 1963 10411 COKEBAIN 1963	BULIMINA BULIMINA	TENUATA	GULF OF ALASKA	59 35N 143 DOW
10378 BERGEN O'NEIL 1979 10379 BERGEN O'NEIL 1979	BUL IMINA	TENUATA TENUATA	GULF OF ALASKA	59 30N 143 45W
10380 BERGEN O'NEIL 1979	BULIMINA	TENUATA	GULF OF ALASKA	59 25N 145 25W
10381 BERGEN O'NEIL 1979 10382 BERGEN O'NEIL 1979	BULIMINA BUI IMINA	T EN UATA T EN UATA	GULF OF ALASKA	59 00N 141 20W
10383 BERGEN O'NEIL 1979	BULIMINA	TENUATA	GULF OF ALASKA	59 00N 141 20W 59 3DN 145 40W 59 3DN 143 00W
10384 BERGEN O'NEIL 1979 10385 CUSHMAN TODD 1947	ISLANDIELLA	TENUATA CALIFORNICA	GULF OF ALASKA	47 41N 124 28W
10386 EUSHMAN TODO 1947	ISLANDIELLA	CALIFORNICA	WASHINGTON COAST	48 32N 123 10W
10387 BERGEN O'NEIL 1979 10388 TODO LOW 1967	ISLANDIELLA ISLANDIELLA	CALIFORNICA CALIFORNICA	GULF OF ALASKA	55 26N 132 14W
10389 BERGEN O'NEIL 1979	ISLANDIELLA	CALIFORNICA CALIFORNICA	GULF OF ALASKA	56 25N 152 45W
10390 BERGEN O'NEIL 1979 10391 TODD LOW 1967	ISLANDIELLA	C AL I FORNI CA C AL I FORNI C A	GULF OF ALASKA FXCURSION, ALASKA	58 25N 135 30W
10392 TODO LOW 1967	ISLANDIELLA	CALIFORNICA	TAKU HARBOUR, ALASKA	58 D2N 134 D0W
10393 TODD LOW 1967 10394 TODD LOW 1967	I SLANDIELLA I SLANDIELLA	CALIFORNICA CALIFORNICA	GAMBIER BAY, ALASKA	59 32N 142 36W
10395 BERGEN O'NEIL 1979	ISLANDIELLA	C AL I FORNICA C AL I FORNICA	GULF OF ALASKA	59 35N 143 00W
10396 BERGEN O'NEIL 1979 10397 BERGEN O'NEIL 1979	ISLANDIELLA ISLANDIELLA	CALIFORNICA	GULF OF ALASKA	58 35N 139 15W
10398 BERGEN O'NEIL 1979	ISLANDIELLA	CALIFORNICA	GULF OF ALASKA	58 30N 139 00W
10399 BERGEN O'NEIL 1979 10400 BERGEN O'NEIL 1979	ISLANDIELLA ISLANDIELLA	CALIFORNICA CALIFORNICA	GULF OF ALASKA	59 55N 142 25W 59 45N 144 55W
10401 BERGEN O'NEIL 1979	ISLANDIELLA	CALIFORNICA	GULF OF ALASKA	56 35N 151 50W
10402 BERGEN O'NEIL 1979	I SLANDIELLA	CALIFORNICA CALIFORNICA	GULF OF ALASKA	59 55N 145 40W 59 45N 146 DOW
10404 BERGEN O'NEIL 1979	ISLANOIELLA	CALIFORNICA	GULF OF ALASKA	59 35N 146 3DW
10405 BERGEN O'NEIL 1979	ISLANDIELLA	CALIFORNICA CALIFORNICA CALIFORNICA CALIFORNICA CALIFORNICA CALIFORNICA	GULF OF ALASKA	59 30N 145 20W
10407 BERGEN O'NEIL 1979	ISLANOIELLA	CALIFORNICA	GULF OF ALASKA	59 30N 143 00W
10408 BERGEN O'NEIL 1979	ISLANDIELLA	CALIFORNICA	GULF OF ALASKA	59 30N 145 40W
10410 COCKBAIN 1963	ISLANDIELLA	CALIFORNICA CALIFORNICA	BRITISH COLUMBIA	48 20N 123 00W
10411 COCKBAIN 1963	ISLANDIELLA	CALIFORNICA	BRITISH COLUMBIA	48 14N 123 30W
10412 CUSHMAN 1925 10413 CUSHMAN 1925	ROBERTINOIDES	CALIFORNICA CHARLOTTENSIS	Q. CHARLOTTE SD., B.C.	52 20N 131 00W
10414 SMITH 1973	ISLANDIELLA ISLANDIELLA ISLANDIELLA ISLANDIELLA ROBERTINOIDES CASSIDULINA	CRASSA	OFF ALASKA PENINSULA	54 55N 157 59W
10415 SMITH 1973 10416 BERGEN O'NEIL 1979	CASSIDULINA CASSIDULINA CASSIDULINA	CRASSA CUSHMAN1	GULF OF ALASKA	59 25N 145 25W
10417 BERGEN O'NEIL 1979	CASSIOULINA	CUSHMANI	GULF OF ALASKA	58 SON 141 15W
10418 BERGEN O'NEIL 1979 10419 BERGEN O'NEIL 1979	CASSIDULINA CASSIDULINA	CUSHMANI CUSHMANI	GULF OF ALASKA	59 30N 143 20W
1D42D BERGEN O'NEIL 1979	CASSIDULINA	CUSHMANI	GULF OF ALASKA	59 30N 145 40W
10422 BERGEN O'NEIL 1979	CASSIDUL INA CASSIDUL INA	C US HMAN I C US HMAN I	GULF OF ALASKA	59 20N 145 38W 59 00N 141 20W
10423 BERGEN O'NEIL 1979	CASSIDULINA	CUSHMANI	GULF OF ALASKA	59 30N 142 55W
10424 BERGEN O'NEIL 1979 10425 BERGEN O'NEIL 1979	CASSIDULINA CASSIDULINA	CUSHMANI DELICATA DELICATA DELICATA DELICATA DELICATA DEPRESSA DEPRESSA	GULF OF ALASKA	59 45N 144 55W
10426 BERGEN O'NEIL 1979	CASSIDULINA	DELICATA	GULF OF ALASKA	59 56N 144 25W
10427 BERGEN O'NEIL 1979 10428 CUSHMAN 1927	CASSIOULINA	DEL ICATA	OFF OREGON	43 08N 124 55W
10429 COCKBAIN 1963	CASSIDULINA	DEPRESSA	BRITISH COLUMBIA	48 20N 123 00W
10430 COCKBAIN 1963 10431 TODO LOW 1967	CASSIOULINA	BARBARA	CLARENCE ST., ALASKA	55 21N 131 58W
10432 TODD LOW 1967	CASSIDULINA	BARBARA	EXCURSION, ALASKA	58 25N 135 30W
10433 TODD LOW 1967 10434 BERGEN O'NEIL 1979	CASSIDULINA	8 AR 8 AR A B AR B AR A	GULF OF ALASKA	59 56N 144 25W
10435 BERGEN O'NEIL 1979	CASSIDUL INA	BARBARA	GULF OF ALASKA	59 25N 145 25W
10436 BERGEN O'NEIL 1979 10437 BERGEN O'NEIL 1979	CASSIDUL INA	BARBARA BARBARA	GULF OF ALASKA	59 30N 145 45W
		BARBARA	GULF OF ALASKA	59 30N 145 40W
10439 BERGEN O'NEIL 1979 10440 BERGEN O'NEIL 1979		8 AR B AR A B AR B AR A	GULF OF ALASKA WASHINGTON COAST WASHINGTON COAST WASHINGTON COAST GULF OF ALASKA WASHINGTON COAST GULF OF ALASKA KASAAN BAY, ALASKA GULF OF ALASKA GULF OF ALASKA TAKU HARBOUR, ALASKA GULF OF ALASKA	59 30N 141 20W
10441 BERGEN O'NEIL 1979	CASSIDULINA	BARBARA	GULF OF ALASKA	58 5DN 141 15W
10442 BERGEN O'NEIL 1979 10443 BERGEN O'NEIL 1979	CASSIDULINA	BARBARA BARBARA	GULF OF ALASKA GULF OF ALASKA	59 55N 142 25W 59 45N 144 55W
10444 BERGEN O'NEIL 1979	CASSIDULINA	BARBARA	GULF OF ALASKA	59 55N 145 40W
10445 BERGEN O'NEIL 1979 10446 BERGEN O'NEIL 1979	CASSIDULINA CASSIDULINA	8 AR 8 AR A 8 AR 8 AR A	GULF OF ALASKA GULF OF ALASKA	59 42N 144 10W 59 35N 143 00W
10447 COCKBAIN 1963	ISLANOIELLA	LIMBATA	BRITISH COLUMBIA	49 DON 123 15W
10448 COOPER 1961 10449 COOPER 1961	ISLANO LELLA ISLAND LELLA	LIMBATA LIMBATA	OREGON COAST CALIFORNIA COAST	45 36N 123 57W 41 36N 124 13W
10450 COCKBAIN 1963	ISLANDIELLA	LIMBATA	BRITISH COLUMBIA	50 00N 125 07W
10451 COCKBAIN 1963 1D452 COCKBAIN 1963	I SLAND I ELLA I SLAND I ELLA	LIMBATA LIMBATA	BRITISH COLUMBIA BRITISH COLUMBIA	49 15N 123 30W 48 14N 123 30W
10453 COCKBAIN 1963	ISLANDIELLA	L IMBATA	BRITISH COLUMBIA	48 20N 124 10W
10454 COCKBAIN 1963 10455 COCKBAIN 1963	I SLANDIELLA I SLANDIELLA	LIMBATA LIMBATA	BRITISH COLUMBIA BRITISH COLUMBIA	48 2DN 123 DOW 48 45N 123 OOW
10456 CUSHMAN TODO 1947	ISLANDIELLA	LIMBATA	WASHINGTON COAST	47 41N 124 28W
10457 CUSHMAN TOOD 1947 10458 CUSHMAN TOOD 1947	I SLANDIELLA I SLANDIELLA	LIMBATA LIMBATA	WASHINGTON COAST Washington coast	48 16N 122 47W 47 40N 122 25W
10459 TODD LOW 1967	1 SLANDIELLA	LIMBATA	GULF OF ALASKA	59 32N 142 36W
10460 TODD LOW 1967 10461 TODD LOW 1967	ISLANDIELLA ISLANDIELLA	LIMBATA LIMBATA	GAMBIER BAY, ALASKA Taku Harbour, Alaska	57 20N 134 02W
10462 TODD LOW 1967	ISLANDIELLA	LIMBATA	EXCURSION, ALASKA	58 O2N 134 DOW 58 25N 135 30W
10463 DETLING 1958 10464 BERGEN O'NEIL 1979	ISLANDIELLA ISLANDIELLA	LIMBATA LIMBATA	SUNSET BAY, OREGON GULF OF ALASKA	43 21N 124 20W
10465 BERGEN O'NEIL 1979	ISLANDIELLA	LIMBATA	GULF OF ALASKA	56 25N 152 45W 56 30N 152 40W

	Generic Name	Specific Name	GULF OF ALASKA MASHINGTON COAST GULF OF ALASKA MASHINGTON COAST GULF OF ALASKA GU	Lat. Long.
10466 BERGEN O'NEIL 1979	ISLANDIELLA	LIMBATA	GULF OF ALASKA	59 56N 144 25W
10467 BERGEN O'NEIL 1979 10468 BERGEN O'NEIL 1979	ISLANDIELLA	LIMBATA	GULF OF ALASKA	56 35N 152 00W
10469 BERGEN O'NEIL 1979	1 SLANDIELLA	LIMBATA	GULF OF ALASKA	58 35N 139 15W
10470 BERGEN O'NEIL 1979	ISLANDIELLA	LIMBATA	GULF OF ALASKA	59 55N 142 25W
10471 BERGEN O'NEIL 1979	ISLANDIELLA	LIMBATA	GULF OF ALASKA	59 55N 145 40W
10472 BERGEN O'NEIL 1979 10473 BERGEN O'NEIL 1979	ISLANDIELLA	LIMBATA	GULF OF ALASKA	59 45N 146 00W
10474 BERGEN O'NEIL 1979	ISLANDIELLA	LIMBATA	GULF OF ALASKA	59 42N 144 10W
10475 BERGEN O'NEIL 1979	ISLANDIELLA	LIMBATA	GULF OF ALASKA	58 30N 139 00W
10476 BERGEN O'NEIL 1979 10477 BERGEN O'NEIL 1979	ISLANDIELLA	LIMBATA	GULF OF ALASKA	59 45N 144 55W
10478 CUSHMAN TODD 1947	ISLANDIELLA	LIMBATA	GULF OF ALASKA	48 33N 140 30W
10479 CUSHMAN TODO 1947	ISLANDIELLA	LIMBATA	WASHINGTON COAST	48 32N 123 10W
10480 BERGEN O'NEIL 1979	CASSIDULINA	LOMITENSIS	GULF OF ALASKA	59 00N 141 20W
10481 BERGEN O'NEIL 1979 10482 BERGEN O'NEIL 1979	CASSIDULINA	LOMITENSIS LOMITENSIS	GULF OF ALASKA	59 30N 143 00W
1048 ECHOLS 1969 10480 EERGEN O'NEIL 1979 10480 EERGEN O'NEIL 1979 10488 COCKBAIN 1963 10489 TODO LOW 1967 10490 EERGEN O'NEIL 1979 10491 EERGEN O'NEIL 1979 10493 EERGEN O'NEIL 1979 10493 EERGEN O'NEIL 1979 10493 EERGEN O'NEIL 1979 10494 EERGEN O'NEIL 1979 10495 EERGEN O'NEIL 1979 10496 EERGEN O'NEIL 1979 10499 EERGEN O'NEIL 1979 10499 EERGEN O'NEIL 1979 10499 EERGEN O'NEIL 1979 10500 EERGEN O'NEIL 1979 10501 EERGEN O'NEIL 1979 10503 EERGEN O'NEIL 1979 10503 EERGEN O'NEIL 1979 10504 EERGEN O'NEIL 1979 10505 CUSHMAN 1925 10505 EERGEN O'NEIL 1979 10506 EERGEN O'NEIL 1979 10507 EERGEN O'NEIL 1979 10508 EERGEN O'NEIL 1979 10509 EERGEN O'NEIL 1979	CASSIDULINA	MINUTA	WASHINGTON COAST	48 18N 124 43W
10484 ECHOLS 1969	CASSIDULINA	MINUTA	WASHINGTON COAST	47 10N 124 14W
10485 1000 LOW 1967	ISLANDIELLA	NOR CROSSI	KASAAN BAY, ALASKA	55 26N 132 14W
10487 BERGEN O'NEIL 1979	[SLANDIELLA	NOR CROSSI	GULF OF ALASKA	59 30N 143 45W
10488 COCKBAIN 1963	ISLANDIELLA	NOR CROSS1	BRITISH COLUMBIA	49 15N 123 30W
10489 TODO LOW 1967	ISLANDIELLA	N OR CROSSI	GULF OF ALASKA	59 32N 142 36W
10490 BERGEN O'NEIL 1979	ISLANDIELLA ISLANDIELLA	NOR CROSSI	GULF OF ALASKA	59 50N 145 47W
10492 BERGEN O'NEIL 1979	ISLANDIELLA	NORCROSSI	GULF OF ALASKA	59 35N 146 30W
10493 BERGEN O'NEIL 1979	ISLANDIELLA	N OR CROSS 1	GULF OF ALASKA	59 30N 145 40W
10494 BERGEN O'NEIL 1979	ISLANDIELLA	N OR CROSS1	GULF OF ALASKA	58 35N 138 15W
10496 BERGEN O'NEIL 1979	ISLANDIELLA	N OR CROSS I	GULF OF ALASKA	59 35N 143 00W
10497 BERGEN O'NEIL 1979	1 SLAND 1 ELLA	NORCROSSI	GULF OF ALASKA	56 35N 151 50W
10498 BERGEN O'NEIL 1979	ISLANDIELLA	N OR CROSS1	GULF OF ALASKA	59 55N 142 25W
10499 BERGEN O'NETE 1979	I SLANDIELLA	NOR CROSSI	GULF OF ALASKA	59 45N 146 UUW 59 42N 144 10W
10501 BERGEN O'NEIL 1979	1SLAND1ELLA	NOR CROSSI	GULF OF ALASKA	59 30N 142 55W
10502 BERGEN O'NEIL 1979	ISLANOIELLA	N OR CROSS1	GULF OF ALASKA	59 30N 145 20W
10503 BERGEN O'NEIL 1979	ISLANDIELLA	NOR CROSS I	GULF OF ALASKA	59 20N 145 38W
10505 CUSHMAN 1925	CASSIDULINA	PULCHELLA	D. CHARLOTTE SD B.C.	52 20N 131 00W
10506 BERGEN O'NEIL 1979	CASSIDULINA	SUBCARINATA	GULF OF ALASKA	59 30N 145 45W
10507 BERGEN O'NEIL 1979	CASSIDULINA	SUBCARINATA	GULF OF ALASKA	59 30N 142 55W
10509 BERGEN O'NEIL 1979	CASSIOULINA	SUBCARINATA	GULF OF ALASKA	59 DON 143 OUW
10310 BERGEN O NEIL 1777	CASSIDUCINA	SUBCARINATA	GULF OF ALASKA	59 25N 145 25W
10511 BERGEN O'NEIL 1979	CASSIDULINA	SUBGLOBOSA	GULF OF ALASKA	59 30N 145 20W
10512 BERGEN O°NEIL 1979 10513 BERGEN O°NEIL 1979	CASSIDULINA CASSIDULINA CASSIDULINA CASSIDULINA CASSIDULINA	SUBGLOBOSA SUBGLOBOSA	GULF OF ALASKA	59 3UN 142 55W
10514 BERGEN O'NEIL 1979	CASSIDULINA	SUBGLOBOSA	GULF OF ALASKA	59 30N 145 45W
10515 BERGEN O'NEIL 1979	CASSIDULINA	SUBGLOBOSA	GULF OF ALASKA	59 00N 141 20W
10516 BERGEN O'NEIL 1979	CASSIDULINA CASSIDULINA	SUBGLOBOSA	GULF OF ALASKA	58 50N 141 15W
10518 TODD LOW 1967	CASSIDULINA	SUBGLOBOSA	GULF OF ALASKA	59 32N 142 36W
10519 BERGEN O'NEIL 1979	1 SLAND LELLA	HELENAE	GULF OF ALASKA	56 35N 152 00W
10520 BERGEN O'NEIL 1979	ISLANDIELLA	HEL ENAE	GULF OF ALASKA	59 56N 141 35W
10522 TODO LOW 1967	ISLANDIELLA	HELENAE	GULF OF ALASKA	59 32N 142 36W
10523 TODD LOW 1967	1 S L AND 1 E L L A	HELENAE	KASAAN BAY, ALASKA	55 26N 132 14W
10524 BERGEN O'NEIL 1979	ISLANDIELLA	HELENAE	GULF OF ALASKA	58 35N 138 15W
10526 BERGEN O'NEIL 1979	1 SLANDIELLA	HEL ENAE	GULF OF ALASKA	59 S6N 144 25W
10527 BERGEN O'NEIL 1979	ISLANDIELLA	HEL ENAE	GULF OF ALASKA	59 55N 142 25W
10528 BERGEN 0°NEIL 1979	ISLANDIELLA	HELENAE	GULF OF ALASKA	59 45N 144 55W
10530 TOND LOW 1967	I SLANDIELLA I SLANDIELLA	HELENAE Hei enae	TANN LANAL * PLUZKA	54 55N 157 59W 58 40N 135 00W
10515 BERGEN O'NEIL 1979 10516 BERGEN O'NEIL 1979 10516 BERGEN O'NEIL 1979 10517 SITTH 1973 10518 TODD LOW 1967 10519 BERGEN O'NEIL 1979 10520 BERGEN O'NEIL 1979 10521 TODD LOW 1967 10522 TODD LOW 1967 10523 TODD LOW 1967 10523 TODD LOW 1967 10525 BERGEN O'NEIL 1979 10526 BERGEN O'NEIL 1979 10527 BERGEN O'NEIL 1979 10528 BERGEN O'NEIL 1979 10528 BERGEN O'NEIL 1979 10529 SHITH 1973 10530 TODD LOW 1967 10531 LANKFORD PHLEGER 1973 10533 TODD LOW 1967 10535 BERGEN O'NEIL 1979 10536 BERGEN O'NEIL 1979 10537 BERGEN O'NEIL 1979 10538 BERGEN O'NEIL 1979 10539 BERGEN O'NEIL 1979	ISLANDIELLA	TORTUOSA	LAPUSH, WASHINGTON	47 55N 127 39W
10532 SMITH 1973	ISLANDIELLA	TORTUOSA	OFF ALASKA PENINSULA	54 55N 157 59W
10534 TOOD LOW 1967	ISLANDIELLA ISLANDIFIIA	TORTUOSA	GULF OF ALASKA	59 32N 142 3AU
10535 BERGEN O'NEIL 1979	1 SLAND LELLA	TORTUOSA	GULF OF ALASKA	59 42N 144 10W
10536 BERGEN O'NEIL 1979	ISLANDIELLA	TORTUOSA	GULF OF ALASKA	58 30N 139 00W
10538 BERGEN O'NEIL 1979	ISLANDIELLA	TORTHOSA	GULF OF ALASKA	59 35N 139 15W
10539 COCKBAIN 1963	ISLANDIELLA	TORTUOSA	BRITISH COLUMBIA	48 20N 123 00W
10540 BERGEN O'NEIL 1979	ISLANDIELLA	TORTUOSA	GULF OF ALASKA	56 30N 152 40W
10541 BERGEN O'NEIL 1979	1SLANO1ELLA	TORTUOSA	GULF OF ALASKA	56 25N 152 45W
10542 BERGEN O'NEIL 1979 10543 CUSHMAN 1925	ISLANDIELLA ISLANDIELLA	TORTUOSA TORTUOSA	GULF OF ALASKA Q. CHARLOTTE SD., B.C.	56 40N 151 55W 52 20N 131 00W
10544 COOPER 1961	ISLANDIELLA	TORTUOSA	OREGON COAST	43 07N 124 26W
10545 BERGEN O'NEIL 1979	1 SLAND I ELLA	TRANSLUCENS	GULF OF ALASKA	58 50N 141 15W
10546 BERGEN O'NEIL 1979 10547 BERGEN O'NEIL 1979	ISLANDIELLA ISLANDIELLA	TRANSLUCENS TRANSLUCENS	GULF OF ALASKA GULF OF ALASKA	59 35N 143 OOW 59 30N 143 OOW
10547 BERGEN O'NEIL 1979	ISLANDIELLA	TRANSLUCENS	GULF OF ALASKA	59 30N 145 20W
10549 BERGEN O'NEIL 1979	ISLANDIELLA	TRANSLUCENS	GULF OF ALASKA	59 30N 145 40W
10550 BERGEN O'NEIL 1979	CASSIDUL INOIDES	CORNUTA	GULF OF ALASKA OFF OREGON	59 25N 145 25W
10551 CUSHMAN 1927 10552 BERGEN O'NEIL 1979	CHILOS TO MELLINA CHILOS TO MELLINA	FIMBRIATA FIMBRIATA	GULF OF ALASKA	43 15N 124 53W 59 30N 145 20W
10553 CUSHMAN 1927	CHILOS TOMELLINA	FIMBRIATA	OFF OREGON	43 12N 125 01W
10554 BERGEN O'NEIL 1979	CHILOSTOMELLA	OOL INA	GULF OF ALASKA	59 30N 145 40W
10555 BERGEN O'NEIL 1979 10556 BERGEN D'NEIL 1979	CHILOS TOMELLA CHILOS TOMELLA	OOLINA OOLINA	GULF OF ALASKA GULF OF ALASKA	59 00N 141 20W 59 30N 142 55W
10557 CUSHMAN 1927	CHILOSTOMELLA	OOLINA	OFF OREGON	42 55N 124 45W
10558 EUSHMAN 1927	CHILOSTOMELLA	OOLINA	OFF OREGON	43 12N 125 01W
10559 BERGEN O'NEIL 1979	CHILOSTOMELLA CHILOSTOMELLA	OOLINA OOLINA	GULF OF ALASKA GULF OF ALASKA	59 25N 145 25W 59 30N 143 00W
10560 BERGEN O'NEIL 1979			- Dar or memory	> 30N (43 DUW

	Generic Name	Specific Name	Locality	Lat. Long.
10561 BERGEN O'NEIL 1979 10562 CUSHMAN 1927 10563 CUSHMAN 1927	CHILOSTOMELLA CHILOSTOMELLA	O OL I NA O OL I NA O OL I NA	GULF OF ALASKA OFF OREGON OFF OREGON OFF OREGON OFF OREGON OFF ALASKA OFF ALASKA OFF ALASKA OFF ALASKA OFF ALASKA OFF ALASKA GULF OF ALASKA G	59 30N 145 20W 43 08N 124 55W 43 02N 125 00W
10564 BERGEN O'NEIL 1979	CHILOSTOMELLINA	FIMBRIATA	GULF OF ALASKA	59 00N 141 20W
10565 SMITH 1973 10566 SMITH 1973	CIBICIDES	BRADYI Bradyi	OFF ALASKA PENINSULA NORTH PACIFIC	43 47N 160 36W
10567 SMITH 1973 10568 BERGEN O'NEIL 1979	CIBICIDES	BRADYI FLETCHERI	OFF ALASKA PENINSULA	49 50N 160 57W 59 30N 142 55W
10569 BERGEN O'NEIL 1979	CIBICIDES	FLETCHERI	GULF OF ALASKA	59 42N 144 10W
10570 BERGEN O'NEIL 1979 10571 BERGEN O'NEIL 1979	CIBICIDES	FLE TCHERI FLE TCHERI	GULF OF ALASKA GULF OF ALASKA	58 30N 139 00W
10572 BERGEN O'NEIL 1979 10573 BERGEN D'NEIL 1979	CIBICIDES	FLETCHERI FLETCHERI	GULF OF ALASKA	59 45N 144 55W 59 35N 143 00W
10574 BERGEN O'NEIL 1979	CIBICIDES	FLETCHERI	GULF OF ALASKA	59 30N 143 00W
10576 BERGEN O'NEIL 1979	CIBICIDES	FLETCHERI Fletcheri	GULF OF ALASKA GULF OF ALASKA	59 00N 141 20W
10577 BERGEN O'NEIL 1979 10578 BERGEN O'NEIL 1979	CIBICIDES	FLETCHERI FLETCHERI	GULF OF ALASKA GULF OF ALASKA	58 50N 141 15W 59 30N 145 45W
10579 BERGEN O'NEIL 1979	CIBICIDES	FLETCHERI FLETCHERI	GULF OF ALASKA	58 35N 139 15W
10581 COCKBAIN 1963	CIBICIDES	FLETCHERI	BRITISH COLUMBIA	48 45N 123 00W
10582 COCKBAIN 1963 10583 COCKBAIN 1963	CIBICIDES	FLETCHERI FLETCHERI	BRITISH COLUMBIA BRITISH COLUMBIA	49 00N 123 15W 48 20N 123 00W
10584 BERGEN O'NEIL 1979	CIBICIDES	FLETCHERI	GULF OF ALASKA	59 30N 145 40W
10586 ECHOLS 1969	CIBICIDES	FLETCHERI FLETCHERI	WASHINGTON COAST	48 18N 124 43W
10587 BERGEN O'NEIL 1979 10588 BERGEN O'NEIL 1979	CIBICIDES	FLETCHERI Fletcheri	GULF OF ALASKA	56 25N 152 45W 59 56N 144 25W
10589 BERGEN O'NEIL 1979	CIBICIDES	FLETCHERI	GULF OF ALASKA	59 35N 146 30W
10591 BERGEN O'NEIL 1979	CIBICIDES	FLETCHERI FLETCHERI	GULF OF ALASKA	56 30N 152 40W
10592 BERGEN O'NEIL 1979 10593 COCKBAIN 1963	CIBICIDES	FLETCHERI FLETCHERI	GULF OF ALASKA BRITISH COLUMBIA	56 35N 152 00W 50 00N 125 07W
10594 COCKBAIN 1963	CIBICIDES	FLETCHERI	BRITISH COLUMBIA	48 20N 124 10W
10596 COOPER 1961	CIBICIDES	FLETCHERI FLETCHERI	OREGON COAST	42 25N 124 26W
10597 COOPER 1961 10598 BERGEN D'NEIL 1979	CIBICIDES	FLETCHERI Lobatulus	CALIFORNIA COAST GULF DF ALASKA	41 36N 124 13W 59 55N 145 40W
10599 BERGEN O'NEIL 1979	CIBICIDES	LOBATULUS	GULF OF ALASKA	59 55N 142 25W
10601 COCKBAIN 1963	CIBICIDES	LOBATULUS Lobatulus	BRITISH COLUMBIA	48 14N 123 30W 48 20N 123 00W
10602 COCKBAIN 1963 10603 COCKBAIN 1963	CIBICIDES	L OB ATULUS L ob atulus	BRITISH COLUMBIA British columbia	48 45N 123 00W 49 15N 123 30W
10604 COCKBAIN 1963	CIBICIDES	LOBATULUS	BRITISH COLUMBIA	49 00N 123 15W
10605 COCKBAIN 1963	CIBICIDES	LOBATULUS Lobatulus	BRITISH COLUMBIA	50 00N 125 07W
10607 CUSHMAN TODD 1947	CIBICIDES	LOBATULUS Lobatulus	WASHINGTON COAST Washington Coast	47 40N 122 25W 48 33N 123 00W
10609 CUSHMAN TODD 1947	CIBICIDES	LOBATOLOS	WASHINGTON COAST WASHINGTON COAST WASHINGTON COAST WASHINGTON COAST WASHINGTON COAST WASHINGTON COAST CLARENCE ST., ALASKA GULF OF ALASKA KASAAN BAY, ALASKA EXCURSION, ALASKA TAKU HARBOUR, ALASKA LYNN CANAL, ALASKA GAMBIER BAY, ALASKA OFF ALASKA PENINSULA CRESCENT CITY, CALIF, GULF OF ALASKA	47 41N 124 28W
10610 CUSHMAN TODD 1947 10611 CUSHMAN TODD 1947	CIBICIDES	LOBATULUS LOBATULUS	WASHINGTON COAST WASHINGTON COAST	48 43N 122 55W
10612 CUSHMAN TODD 1947	CIBICIDES	LOBATULUS LOBATULUS	WASHINGTON COAST	48 32N 123 10W
10614 TODD LOW 1967	CIBICIDES	L OB ATULUS	GULF OF ALASKA	59 32N 142 36W
10615 TODD LOW 1967	CIBICIDES	LOBATULUS Lobatulus	EXCURSION, ALASKA	58 25N 132 14W 58 25N 135 30W
10617 TODD LOW 1967	CIBICIDES	LOBATULUS LOBATULUS	TAKU HARBOUR, ALASKA	58 02N 134 00W
10619 TODD LOW 1967	CIBICIDES	LOBATULUS	GAMBIER BAY, ALASKA	57 20N 134 02W
10621 SMITH 1973 10621 LANKFORD PHLEGER 1973	CIBICIDES	LOBATULUS Lobatulus	CRESCENT CITY, CALIF.	41 45N 124 13W
10622 BERGEN O'NEIL 1979 10623 BERGEN O'NEIL 1979	CIBICIDES	LOBATULUS LOBATULUS	GULF OF ALASKA GULF OF ALASKA	58 30N 139 00W 56 35N 152 00W
10624 BERGEN O'NEIL 1979	CIBICIDES	LOBATULUS	GULF OF ALASKA	
10626 BERGEN O'NEIL 1979	CIBICIDES	LOBATULUS Lobatulus	GULF OF ALASKA GULF OF ALASKA	59 56N 144 25W
10627 BERGEN O'NEIL 1979 10628 BERGEN O'NEIL 1979	CIBICIDES	LOBATULUS Lobatulus	GULF OF ALASKA	56 40N 151 55W 59 35N 146 30W
10629 ECHOLS 1969	CIBICIDES	L OB ATULUS	WASHINGTON COAST	48 18N 124 43W
10631 BERGEN O'NEIL 1979	CIBICIDES	L OB ATULUS L OB ATULUS	GULF OF ALASKA GULF OF ALASKA GULF OF ALASKA GULF DF ALASKA GULF DF ALASKA WASHINGTON COAST SUNSET BAY, OREGON GULF OF ALASKA	59 00N 141 20W
10632 BERGEN O'NEIL 1979 10633 BERGEN O'NEIL 1979	CIBICIDES	LOBATULUS Lobatulus	GULF OF ALASKA GULF OF ALASKA	56 35N 151 50W
10634 BERGEN O'NEIL 1979	CIBICIDES	LOBATULUS		
10635 BERGEN O'NEIL 1979 10636 BERGEN O'NEIL 1979	CIBICIDES	LOBATULUS LOBATULUS	GULF OF ALASKA GULF OF ALASKA	59 35N 143 00W 59 30N 145 40W
10637 BERGEN O'NEIL 1979 10638 Codper 1961	CIBICIDES	LOBATULUS LOBATULUS	GULF OF ALASKA OREGON COAST	59 42N 144 10W 43 07N 124 26W
10639 BERGEN O'NEIL 1979 10640 BERGEN O'NEIL 1979	CIBICIDES	MCKANNAI	GULF OF ALASKA	59 42N 144 10W
10641 BERGEN O'NEIL 1979	CIBICIDE 2 CIBICIDE 2	MCK ANNA I MCK ANNA I	GULF OF ALASKA GULF OF ALASKA	56 35N 151 50W 59 30N 145 20W
10642 BERGEN O'NEIL 1979 10643 BERGEN O'NEIL 1979	CIBICIDES	MCK ANNA I MCK ANNA I	GULF OF ALASKA GULF OF ALASKA	59 30N 143 00W 59 00N 141 20W
10644 BERGEN O'NEIL 1979	CIBICIDES	MCK ANNA I	GULF OF ALASKA	59 25N 145 25W
10646 BERGEN O'NEIL 1979	CIBICIDES	MCK ANNA I MCK ANNA I	GULF OF ALASKA GULF OF ALASKA	59 30N 145 40W 59 35N 143 00W
10647 BERGEN O'NEIL 1979	CIBICIDES	MCK ANNA 1 Refulgens	GULF OF ALASKA OFF ALASKA PENINSULA	59 45N 144 55W 54 55N 157 59W
10649 CUSHMAN TODD 1947	CIBICIDES	REFULGENS	WASHINGTON COAST	48 33N 123 00W
10651 BERGEN O'NEIL 1979	CIBICIDES CIBICIDES	REFULGENS SPIRALIS	OREGON COAST GULF OF ALASKA	45 36N 123 57W 59 30N 143 00W
	CIBICIDOIDES CYCLOGYRA	MUNDULUS INCERTA	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	49 50N 160 57W 48 61N 161 07W
10654 TODD LOW 1967	C Y C L O G Y R A C Y C L O G Y R A	I NVOL VENS	GULF OF ALASKA	59 32N 142 36W
19973 1000 FOM 1401	CICLOGIKA	INVOLVENS	KASAAN BAY, ALASKA	55 26N 132 14W

Publication	Generic Name	Specific Name	Locality	Lat. Long.
10656 DETLING 1958	CYCLOGYRA	INVOLVENS		43 21N 124 20W
10657 CUSHMAN 1925 10658 CUSHMAN 1925	CYCLOGYRA	INVOLVENS INVOLVENS	SUNSET BAY, OREGON Q. CHARLOTTE SO., B.L. VIRAGO SO., B.C.	52 20N 131 00W 54 10N 132 30W
10659 BERGEN O'NEIL 1979	CYCLOGYRA	INVOLVENS	GULF OF ALASKA	59 30N 142 55W
10660 CUSHMAN TODD 1947 10661 CUSHMAN TODD 1947		PLANORBIS PLANORBIS	VIRAGO SD., B.C. GULF OF ALASKA WASHINGTON COAST WASHINGTON COAST WASHINGTON COAST CRESCENT CITY, CALIF. SAMISH-PADILLA BAYS DEPOE BAY, OREGON CRESCENT CITY, CALIF. LAPUSH, WASHINGTON CRESCENT CITY, CALIF. DEPOE BAY, OREGON OFF WASHINGTON GULF OF ALASKA TAKU HARBOUR, ALASKA KASAAN BAY, ALASKA KASAAN BAY, ALASKA LYNN CANAL, ALASKA LYNN CANAL, ALASKA GULF OF ALASKA GULF OF ALASKA GULF OF ALASKA	48 32N 123 10W 48 33N 123 00W
10662 LANKFORD PHLEGER 1973 10663 SCOTT 1974	ELPHIOIUM	EXCAVATUM	CRESCENT CITY, CALIF.	41 45N 124 13W
10664 SCOTT 1974	ELPHIDIUM	FRIGIDUM EXCAVATUM	SAMISH-PADILLA BAYS SAMISH-PADILLA BAYS	48 36N 122 29W
10665 LANKFORD PHLEGER 1973 10666 LANKFORD PHLEGER 1973	ELPHIDIUM	TUMIDUM	DEPOE BAY, OREGON	44 47N 124 05W
10667 LANKFORD PHLEGER 1973		FRIGIOUM Lene	CRESCENT CITY, CALIF. LAPUSH, WASHINGTON	47 55N 124 13W
10668 LANKFORD PHLEGER 1973 10669 LANKFORD PHLEGER 1973	ELPHIDIUM	LENE	CRESCENT CITY, CALIF.	41 4SN 124 13W
10670 CUSHMAN 1910	CRIBROSTOMOIDES	LENE SUBGLOBOSUM CRASSIMARGO CRASSIMARGO CRASSIMARGO	OFF WASHINGTON	45 30N 124 52W
10671 TODD LOW 1967 10672 TODD LOW 1967	CRIBROSTOMOIDES CRIBROSTOMOIDES	CRASSIMARGO	GULF OF ALASKA	59 32N 142 36W
10673 TODO LOW 1967		CRASSIMARGO	TAKU HARBOUR, ALASKA	58 02N 134 00W
10674 BERGEN O'NEIL 1979 10675 TOOD LOW 1967	CRIBROSTOMOIDES CRIBROSTOMOIDES	CRASSIMARGO CRASSIMARGO	GULF OF ALASKA	59 45N 144 55W
10676 TODO LOW 1967	CRIBROSTOMOIDES	CRASSIMARGO	GAMBIER BAY, ALASKA	57 20N 134 02W
10677 TOOD LOW 1967 10678 BERGEN O'NEIL 1979	CR1BROSTOMOIDES CR1BROSTOMOIDES	C RASSIMARGO C RASSIMARGO	CULF OF ALASKA	59 55N 142 25W
10679 BERGEN O'NEIL 1979	CRIBROSTOMOIDES		GULF OF ALASKA	59 55N 142 25W 56 35N 152 00W 59 56N 144 25W 56 25N 152 45W 59 30N 142 55W
10681 BERGEN O'NEIL 1979	CRIBROSTOMOIDES CRIBROSTOMOIDES	JEFFREYSII JEFFREYSII	GULF OF ALASKA GULF OF ALASKA GULF OF ALASKA GULF OF ALASKA	56 25N 152 45W
10682 BERGEN O'NEIL 1979 10683 BERGEN O'NEIL 1979	CRIBROSTOMOIDES	JEF FREYSII	GULF OF ALASKA	59 30N 142 55W
10684 BERGEN O'NEIL 1979	CRIBROSTOMOIDES CRIBROSTOMOIDES	JEFFREYSII JEFFREYSII	GULF OF ALASKA	59 55N 142 25W
10685 BERGEN O'NEIL 1979 10686 ECHOLS 1969	CRIBROSTOMOIDES CRIBROSTOMOIDES	JEFFREYSII JEFFREYSII	GULF OF ALASKA GULF OF ALASKA GULF OF ALASKA GULF OF ALASKA WASHINGTON COAST GAMBIER BAY, ALASKA GULF OF ALASKA TAKU HARBOUR, ALASKA GULF OF ALASKA GULF OF ALASKA	59 45N 144 55W
10687 TODD LOW 1967	CRIBROSTOMOIDES	JEFFREYS11	GAMBIER BAY, ALASKA	57 20N 134 02W
10688 TOOD LOW 1967 10689 TOOD LOW 1967	CRIBROSTOMOIDES CRIBROSTOMOIDES	JEFFREYSII JEFFREYSII	GULF OF ALASKA TAKU HARBOUR, ALASKA	59 32N 142 36W 58 02N 134 00W
10690 TODD LOW 1967	CR1BROSTOMO1DES	JEFFREYS1I	EXCURSION, ALASKA	58 25N 135 30W
10692 BERGEN O'NEIL 1979	HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES	SCITULUM SCITULUM	GULF OF ALASKA GULF OF ALASKA	59 30N 145 45W 59 25N 145 25W
10693 BERGEN O'NEIL 1979	HAPLOPHRAGMOIDES	SCITULUM	GULF OF ALASKA	59 30N 145 20W
10695 BERGEN O'NEIL 1979	NAPLOPHRAGMOIDES HAPLOPHRAGMOIDES	SCITULUM SCITULUM	GULF OF ALASKA	59 00N 141 20W
10696 TODD LOW 1967 10697 BERGEN O'NEIL 1979	HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES	S C I TUL UM	CLARENCE ST., ALASKA	55 21N 131 58W
10698 TODO LOW 1967	NAPLOPHRAGMOIDES	SCITULUM SCITULUM	GULF OF ALASKA	59 32N 142 36W
10699 BERGEN O'NEIL 1979 10700 BERGEN O'NEIL 1979	HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES	SCITULUM SCITULUM	GULF OF ALASKA	58 50N 141 15W
10701 BERGEN O'NEIL 1979	HAPLOPHRAGMOIDES	SCITULUM	EXCURSION, ALASKA GULF OF ALASKA	59 42N 144 10W
10702 BERGEN O'NEIL 1979 10703 BERGEN O'NEIL 1979	HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES	SCITULUM SCITULUM	GULF OF ALASKA	59 35N 143 00W
10704 BERGEN O'NEIL 1979	HAPLOPHRAGMOIDES	SCITULUM	GULF OF ALASKA	59 30N 142 55W
	CRIBROSTOMOIDES LENTICULINA	VELERONIS 10TA	STRAIT OF GEORGIA, B.C.	49 50N 124 42W
	ASTACOLUS CRITHIONINA	LATUS Pisum	STRAIT OF GEORGIA, B.C. OFF ALASKA PENINSULA OFF OREGON	54 08N 161 31W 43 58N 124 36W
10709 TODD LOW 1967		TRI ANGULARIS	GULF OF ALASKA	59 32N 142 36W
	CYCLAMMINA CYCLAMMINA	CANCELLATA CANCELLATA	OFF OREGON GULF OF ALASKA OFF ALASKA PENINSULA OFF BRIT. COLUMBIA OFF OREGON OFF ALASKA PENINSULA OFF ALASKA PENINSULA OFF ALASKA PENINSULA	49 50N 160 57W
10712 CUSHMAN 1910	CYCLAMM1NA	CANCELLATA	OFF BRIT. COLUMBIA	51 23N 130 34W
10713 CUSHMAN 1910 10714 Smith 1973	CYCLAMMINA CYCLAMMINA	PUSILLA TRULLISSATA	OFF ALASKA PENINSULA	43 58N 124 36W 49 50N 160 57W
10715 SMITH 1973 10716 SMITH 1973	CYCLAMMINA	TRULLISSATA	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	48 61N 161 07W 54 51N 155 24W
10717 SMITH 1973	CYCLAMMINA CYSTAMMINA	GALEATA	OFF ALASKA PENINSULA	52 41N 155 36W
	CYSTAMMINA CYSTAMMINA	GALEATA GALEATA	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	48 61N 161 07W 54 51N 155 24W
10720 BERGEN O'NEIL 1979	DENTALINA	BAGGI		
10721 BERGEN O'NEIL 1979 10722 BERGEN O'NEIL 1979		BAGGI BAGGI	GULF OF ALASKA	59 42N 144 10W 59 30N 145 40W
10723 TODD LOW 1967 10724 TODD LOW 1967	DENTALINA	BAGGI Baggi	GULF OF ALASKA GULF OF ALASKA GULF OF ALASKA KASAAN BAY, ALASKA OFF ALASKA OFF ALASKA GULF OF ALASKA GULF OF ALASKA	55 26N 132 14W
10725 CUSHMAN MCCULLOCH 1950	DENTALINA	CAL OMORPHA	OFF ALASKA	56 28N 132 23W
10726 TODO LOW 1967 10727 TODO LOW 1967	DENTALINA DENTALINA	DECEPTA DECEPTA	TAKU HARBOUR, ALASKA	58 02N 134 00W
10728 BERGEN O'NEIL 1979	DENTAL 1 NA	DECEPTA	GOLF OF WEWSKA	30 33N 138 13W
10729 TODD LOW 1967 10730 WHITEAVES 1886	OENTALINA GLABRATELLA	SUBSOLUTA PARISIENSIS	GULF OF ALASKA DISCOVERY PASSAGE, U.C.	59 32N 142 36W 48 45N 123 33W
10731 WHITEAVES 1886	GLABRATELLA	PARISIENSIS	QUEEN CHARLOTTE 50., B.C.	50 55N 128 00W
10732 WHITEAVES 1886 10733 CUSHMAN 1925	GLABRATELLA ANGULODISCORBIS	PAR 1S 1 ENS 1S CHARLOTTENS 1S	QUEEN CHARLOTTE SO., B.C. Q. CHARLOTTE SO., B.C.	50 35N 126 57W 52 20N 131 00W
10734 CUSHMAN 1925 10735 DETLING 1958	ROSALINA ROSALINA	COLUMBIENSIS COLUMBIENSIS	G. CHARLOTTE SD., B.C. SUNSET BAY, OREGON	52 20N 131 00W 43 21N 124 20W
10736 CUSHMAN TOOD 1947	ROSALINA	COL UMBIENSIS	WASHINGTON COAST	48 43N 122 55W
10737 CUSHMAN TOOD 1947 10738 CUSHMAN TOOD 1947	ROSALINA ROSALINA	COLUMBIENSIS COLUMBIENSIS	WASHINGTON COAST WASHINGTON COAST	48 32N 123 10W 48 33N 123 00W
10739 COOPER 1961	ROSALINA	MONICANA	CALIFORNIA COAST	41 36N 124 13W
10740 COOPER 1961 10741 COOPER 1961	ROSALINA ROSALINA	MONICANA MONICANA	OREGON COAST OREGON COAST	44 02N 124 08W
10742 COOPER 1961	ROSALINA	MON1CANA	OREGON COAST OREGON COAST	43 07N 124 26W
10743 COOPER 1961 10744 CUSHMAN TODD 1947	GLABRATELLA NEOCONORBINA	OPERCULARIS Terquemi	WASHINGTON COAST	44 49N 124 04W 48 33N 123 00W
10745 CUSHMAN TODD 1947 10746 CUSHMAN TODD 1947	GLABRATELLA GLABRATELLA	ORNATISSIMA ORNATISSIMA	WASHINGTON COAST WASHINGTON COAST	48 32N 123 10W 47 48N 122 43W
10747 COCKBAIN 1963	GLABRATELLA	O RN AT1 S S I MA	BRITISH COLUMBIA	48 20N 123 00W
10748 COCKBAIN 1963 10749 CUSHMAN 1925	GLABRATELLA GLABRATELLA	ORNATISSIMA ORNATISSIMA	BRITISH COLUMBIA VIRAGO SD., B.C.	48 45N 123 00W 54 10N 132 30W
10750 CUSHMAN 1925	GLABRATELLA	ORNATISSIMA	Q. CHARLOTTE SD., B.C.	52 20N 131 00W

Publication	Generic Name	Specific Name	WASHINGTON COAST SUNSET BAY, OREGON OREGON COAST OREGON COAST OREGON COAST OREGON COAST OREGON COAST CALIFORNIA COAST GULF OF ALASKA CRESCENT CITY, CALIF. GEPOE BAY, OREGON LAPUSH, WASHINGTON SUNSET BAY, OREGON LAPUSH, WASHINGTON SUNSET BAY, OREGON LAPUSH, WASHINGTON SUNSET BAY, OREGON SAMISH-PADILLA BAYS WASHINGTON COAST GREGON COLWBIA BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA GULF OF ALASKA GULF	Lat. Long.
10751 CUSHMAN TCDD 1947 10752 DETLING 1958 10753 COOPER 1961 10754 COOPER 1961 10755 COOPER 1961 10755 COOPER 1961 10756 COOPER 1961 10757 BERGEN 0'NEIL 1979 10758 BERGEN 0'NEIL 1979 10759 BERGEN 0'NEIL 1979 10760 DETLING 1958 10761 CUSHMAN TODD 1947 10763 CUSHMAN TODD 1947 10763 CUSHMAN TODD 1947 10765 BERGEN 0'NEIL 1979 10765 BERGEN 0'NEIL 1979 10766 BERGEN 0'NEIL 1979 10768 SMITH 1973 10768 SMITH 1973 10769 LANKFORD PHLEGER 1973 10770 BERGEN 0'NEIL 1979 10771 BERGEN 0'NEIL 1979 10772 CUSHMAN TODD 1947 10775 CUSHMAN TODD 1947 10775 CUSHMAN TODD 1947 10776 TODD LOW 1967 10777 TODD LOW 1967 10777 TODD LOW 1967 10777 TODD LOW 1967 10778 LOSHMAN TODD 1947 10778 CUSHMAN TODD 1947 10778 CUSHMAN TODD 1947 10779 LANKFORD PHLEGER 1973 10780 LANKFORD PHLEGER 1973 10780 LANKFORD PHLEGER 1973 10780 CUSHMAN TODD 1967 10779 LANKFORD PHLEGER 1973 10780 CUSHMAN 1963 10787 COCKBAIN 1963 10787 COCKBAIN 1963 10788 COCKBAIN 1963 10789 COCKBAIN 1963 10790 BERGEN 0'NEIL 1979 10799 BERGEN 0'NEIL 1979 10790 BERGEN 0'NEIL 1979 10790 BERGEN 0'NEIL 1979 10791 BERGEN 0'NEIL 1979 10791 BERGEN 0'NEIL 1979 10792 BERGEN 0'NEIL 1979 10793 BERGEN 0'NEIL 1979 10796 COCKBAIN 1963 10803 COCKBAIN 1963 10804 COCKBAIN 1963 10805 TODD LOW 1967 10808 TODD LOW 1967	GLABRATELLA GLABRATELLA	O RN ATISSIMA O RN ATISSIMA	WASHINGTON COAST SUNSET BAY, OREGON	48 33N 123 00W 43 21N 124 20W
10753 COOPER 1961	GLABRATELLA	ORNATISSIMA	OREGON COAST	42 25N 124 26W
10755 COOPER 1961	GLABRATELLA	ORNATISSIMA	OREGON COAST	45 36N 123 57W
10756 COOPER 1961	GLABRATELLA	ORNATISSIMA	CALIFORNIA COAST	41 36N 124 13W
10757 BERGEN O'NEIL 1979	GAVELINOPSIS	PRAEGERI PRAEGERI	GULF OF ALASKA	56 35N 152 00W
10759 BERGEN O'NEIL 1979	GAVELINOPSIS	PRAEGERI	GULF OF ALASKA	59 35N 146 30W
10760 DETLING 1958 10761 CUSHMAN TODD 1947	GLABRATELLA	S AN JUANENS IS	SUNSET BAY, OREGON	43 21N 124 20W
10762 CUSHMAN TODD 1947	GLABRATELLA	SANJUANENSIS	WASHINGTON COAST	48 43N 122 55W
10763 CUSHMAN TODD 1947 10764 TODD LOW 1967	GLABRATELLA	SISMANUARIS	WASHINGTON COAST	48 33N 123 00W
10765 BERGEN O'NEIL 1979	DOROTHIA	BRADYANA	GULF OF ALASKA	58 50N 141 15W
10766 BERGEN O'NEIL 1979	DOROTHIA DOROTHIA	BRADYANA	GULF OF ALASKA	59 30N 143 00W
10768 SMITH 1973	DOROTHIA	EXICIS	NORTH PACIFIC	43 47N 160 36W
10769 LANKFORD PHLEGER 1973	DYOCIBICIDES	BISERIALIS	CRESCENT CITY, CALIF.	41 45N 124 13W
10771 BERGEN O'NEIL 1979	DYOCIBICIDES	BISERIALIS	GULF OF ALASKA	56 40N 151 55W
10772 BERGEN O*NEIL 1979	DYOCIBICIDES	BISERIALIS	GULF OF ALASKA	59 42N 144 10W
10774 CUSHMAN TODD 1947	DYOCIBICIDES	BISERIALIS	WASHINGTON COAST	48 32N 123 10W
10775 CUSHMAN TODD 1947	DYOCIBICIDES	BISERIALIS	WASHINGTON COAST	47 41N 124 28W
10777 TODD LOW 1967	DYOCIBICIDES	BISERIALIS	KASAAN BAY, ALASKA	55 26N 132 14W
10778 TODD LOW 1967	DYOCIBICIDES	BISERIALIS	EXCURSION, ALASKA	58 25N 135 30W
10779 LANKFORD PHLEGER 1973	EGGERELLA	ADVENA	DEPOE BAY, OREGON	44 47N 124 05W
10781 LANKFORD PHLEGER 1973	EGGERELLA	ADVENA	LAPUSH, WASHINGTON	47 SSN 127 39W
10782 DETCING 1958	EGGERELLA	A D V E N A A D V E N A	SUNSET BAY, OREGON SAMISH-PADILLA BAYS	43 21N 124 20W 48 36N 122 29W
10784 ECHOLS 1969	EGGERELLA	ADVENA	WASHINGTON COAST	48 20N 124 42W
10785 ECHOLS 1969 10786 COCKBAIN 1963	EGGERELLA Eggerella	A DV ENA A DV ENA	WASHINGTON COAST BRITISH COLUMBIA	47 3UN 124 2UW 48 45N 123 0OW
10787 COCKBAIN 1963	EGGERELLA	ADVENA	BRITISH COLUMBIA	49 00N 123 15W
10788 COCKBAIN 1963	EGGERELLA EGGERELLA	ADVENA	BRITISH COLUMBIA	49 15N 123 30W
10790 COCKBAIN 1963	EGGERELLA	ADVENA	BRITISH COLUMBIA	49 40N 124 45W
10791 BERGEN O'NEIL 1979 10792 BERGEN O'NEIL 1979	EGGERELLA Eggerella	A DV ENA	GULF OF ALASKA	59 30N 145 20W
10793 BERGEN O'NEIL 1979	EGGERELLA	ADVENA	GULF OF ALASKA	59 30N 142 55W
10794 BERGEN O'NEIL 1979 10795 BERGEN O'NEIL 1979	EGGERELLA EGGERELLA	A DV ENA	GULF OF ALASKA	59 55N 142 25W
10796 BERGEN O'NEIL 1979	EGGERELLA	ADVENA	GULF OF ALASKA	59 50N 145 47W
10797 BERGEN O'NEIL 1979 10798 COOPER 1961	EGGERELLA EGGERELLA	A DV E NA A DV E NA	GULF OF ALASKA OREGON COAST	58 35N 138 15W
10799 COOPER 1961	EGGERELLA	ADVENA	OREGON COAST	44 OZN 124 O8W
10800 COOPER 1961 10801 ECHOLS 1969	EGGERELLA EGGERELLA	A DV ENA A DV ENA	OREGON COAST WASHINGTON COAST	43 07N 124 26W
10802 COCKBAIN 1963	EGGERELLA	ADVENA	BRITISH COLUMBIA	48 20N 123 00W
10803 COCKBAIN 1963	EGGERELLA EGGERELLA	A DV ENA A DV ENA	BRITISH COLUMBIA BRITISH COLUMBIA	48 35N 122 51W 48 14N 123 30W
10805 TODD LOW 1967	EGGERELLA	ADVENA	EXCURSION, ALASKA	58 25N 135 30W
10807 TODD LOW 1967	EGGERELLA	ADVENA	TAKU MARBOUR, ALASKA	58 02N 134 00W
10808 TODD LOW 1967	EGGERELLA	A DV ENA	GAMBIER BAY, ALASKA	57 20N 134 02W
10809 CUSHMAN TODD 1947 10810 TODD LOW 1967	EGGERELLA EGGERELLA	A DV ENA A DV ENA	LYNN CANAL, ALASKA	58 40N 135 00W
10810 TODD LOW 1967 10811 CUSHMAN TODD 1947 10812 CUSHMAN TODD 1947 10813 CUSHMAN TODD 1947 10813 CUSHMAN MCCULLOCH 1939 10814 CUSHMAN MCCULLOCH 1939 10815 CUSHMAN MCCULLOCH 1939 10816 CUSHMAN MCCULLOCH 1939 10817 SMITH 1973 10818 SMITH 1973 10818 SMITH 1973 10820 SMITH 1973 10821 SMITH 1973 10822 BERGEN O'NEIL 1979 10823 BERGEN O'NEIL 1979 10824 BERGEN O'NEIL 1979	EGGERELLA	A CV ENA A DV ENA	WASHINGTON COAST	48 32N 123 10W
10813 CUSHMAN MCCULLOCH 1939	EGGERELLA	ADVENA	OFF ALASKA	58 19N 134 20W
10814 CUSHMAN MCCULLOCH 1939 10815 CUSHMAN MCCULLOCH 1939	EGGERELLA EGGERELLA	A DV ENA A DV ENA	OFF ALASKA	60 35N 145 44W
10816 CUSHMAN MCCULLOCH 1939	EGGERELLA	ADVENA	KETCHIKAN, ALASKA	55 21N 131 39W
10817 SMITH 1973 10818 SMITH 1973	EGGERELLA	BRADYI BRADYI	OFF ALASKA PENINSULA	53 53N 161 40W
10819 SMITH 1973	EGGERELLA	BRADYI	OFF ALASKA PENINSULA	54 51N 155 24W
10820 SMITH 1973 10821 SMITH 1973	EGGERELLA EGGERELLA	BRADYI Bradyi	OFF ALASKA PENINSULA	48 61N 161 07W
10822 BERGEN O'NEIL 1979	EGGERELLA	BRADYI	GULF OF ALASKA	59 30N 145 20W
10823 BERGEN O'NEIL 1979 10824 BERGEN O'NEIL 1979	E GGERELLA E GGERELLA	BRADYI BRADYI	GULF OF ALASKA GULF OF ALASKA	59 30N 142 55W 59 00N 141 20W
10825 BERGEN O'NEIL 1979	EGGERELLA	BRADYI	GULF OF ALASKA	58 50N 141 15W
10826 BERGEN O'NEIL 1979 10827 BERGEN O'NEIL 1979	EGGERELLA Eggerella	BRADY! HUMBOLDTI	GULF OF ALASKA GULF OF ALASKA	59 30N 143 00W 59 30N 145 40W
10828 BERGEN O'NEIL 1979	EGGERELLA	HUMBOLDTI	GULF OF ALASKA	59 30N 145 20W
	EGGERELLA Eggerella	PUS ILLA PUS ILLA	GULF OF ALASKA GULF OF ALASKA	59 00N 141 20W 59 30N 142 55W
10831 BERGEN O'NEIL 1979	EGGERELLA	PUSILLA	GULF OF ALASKA	59 30N 143 00W
	EGGERELLA DOROTHIA	PUS ILLA Scabra	GULF OF ALASKA OFF ALASKA PENINSULA	59 30N 145 20W 56 23N 154 27W
10834 SM1TH 1973	DOROTH1A	SCABRA	NORTH PACIFIC	43 47N 160 36W
10836 SMITH 1973	DOROTHIA DOROTHIA	S CABRA S CABRA	OFF ALASKA PENINSULA KODIAK, ALASKA	48 61N 161 07W 57 49N 152 30W
10837 BERGEN O'NEIL 1979	EHRENBERGINA EHRENBERGINA	COMPRESSA	GULF OF ALASKA	58 50N 141 15W
10839 SMITH 1973	EHRENBERGINA	COMPRESSA HYSTRIX	GULF OF ALASKA OFF ALASKA PENINSULA	59 32N 142 36W 49 50N 160 57W
10840 TODD LOW 1967	ELPHIDIELLA Elphidiella	ARCTICA	KASAAN BAY, ALASKA	55 26N 132 14W
10842 TODD LOW 1967	ELPHIDIELLA	ARCTICA ARCTICA	LYNN CANAL, ALASKA Lynn Canal, Alaska	58 40N 135 00W 58 40N 135 00W
10843 TODD LOW 1967	ELPHIDIELLA ELPHIDIELLA	ARCTICA ARCTICA	EXCURSION, ALASKA TAKU HARBOUR, ALASKA	58 25N 135 30W
	ELPHIDIELLA	ARCTICA	KASAAN BAY, ALASKA	58 02N 134 00W 55 26N 132 14W

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10846 TODD LOW 1967 10847 SM1TH 1973	ELPHIDIELLA	ARCTICA	GAMBIER BAY, ALASKA OFF ALASKA PENINSULA LAPUSH, MASHINGION CRESCENT CITY, CALIF, DEPOE BAY, OREGON WASHINGION COAST	57 20N 134 02W
10848 LANKFORD PHLEGER 1973	ELPHIDIELLA	G R O E NL A N D I C A H A N N A I	OFF ALASKA PENINSULA LAPUSH, WASHINGION	53 53N 161 4UW 47 55N 127 39W
10849 LANKFORD PHLEGER 1973 10850 LANKFORD PHLEGER 1973	ELPHIDIELLA	IANNAI	CRESCENT CITY, CALIF.	41 45N 124 13W
10851 CUSHMAN TODO 1947	ELPHIDIELLA	H AN N A I	WASHINGTON COAST	48 43N 122 55W
10852 CUSHMAN TODD 1947 10853 CUSHMAN TODD 1947	ELPHIDIELLA	HANNAI	WASHINGTON COAST	47 40N 122 25W
10854 EUSHMAN TOOD 1947	ELPHIDIELLA	H AN N A I H AN N A I	WASHINGTON COAST WETCHIKAN, ALASKA OFF BRIT, COLUMBIA OFF ALASKA	47 4 IN 724 20W
10855 CUSHMAN TODD 1947 10856 CUSHMAN TODD 1947	ELPHIDIELLA	HANNAI	WASHINGTON COAST	48 32N 123 10W
10857 CUSHMAN MECULLOCH 1940	ELPHIDIELLA	HANNAI HANNAI	KETCHIKAN, ALASKA	55 21N 131 39W
10858 CUSHMAN MCCULLOCH 1940 10859 CUSHMAN MCCULLOCH 1940	ELPHIDIELLA FLPHIDIELLA	HANNA I HANNA I	OFF BRIT. COLUMBIA OFF ALASKA	49 15N 123 25W 56 28N 132 23W
10860 CUSHMAN MCCULLOCH 1940	ELPHIDIELLA	IANNAI	OFF ALASKA	58 19N 134 20W
10861 CUSHMAN MCCULLOCH 1940 10862 CUSHMAN MECULLOCH 1940	ELPHIDIELLA ELPHIDIELLA	H AN NA I H AN NA I	OFF ALASKA	60 30N 146 00W
10863 CUSHMAN MCCULLOCH 1940 10864 SCOIT 1974	ELPHIDIELLA	HANNAI	OFF ALASKA	60 37N 146 05W
10865 COOPER 1961	ELPHIDIELLA	HANNAI HANNAI	CALIFORNIA COAST	48 36N 122 29W
10866 COOPER 1961 10867 COOPER 1961	ELPHIDIELLA	HANNAI.	OREGON COAST	46 11N 123 59W
10868 COOPER 1961	ELPHIDIELLA	H AN NA I H AN NA I	OREGON COAST	45 36N 123 57W
10869 COOPER 1961 10870 COOPER 1961	ELPHIDIELLA	H AN N A I H AN N A I	OREGON COAST	44 02N 124 08W
10871 COOPER 1961	ELPHIDIELLA	HANNAI	CALIFORNIA COAST	41 14N 124 07W
10872 COOPER 1961 10873 ECHOLS 1969	ELPHIDIELLA FIRHIDIELLA	HAN NA I HAN NA I	OREGON COAST	44 49N 124 04W
10874 ECHOLS 1969	ELPHIDIELLA	HANNAI	WASHINGTON COAST	47 10N 124 14W
10875 COCKBAIN 1963 10876 COEKBAIN 1963	ELPHIDIELLA ELPHIDIELLA	HANNAI NITIDA NITIDA	BRITISH COLUMBIA BRITISH COLUMBIA	49 00N 123 15W 48 45N 123 00W
10877 COCKBAIN 1963	ELPHIDIELLA	NITIDA	BRITISH COLUMBIA	48 20N 124 10W
10878 BERGEN O'NEIL 1979 10879 BERGEN O'NEIL 1979	ELPHIDIELLA	NITIDA NITIDA NITIDA	GULF OF ALASKA	58 35N 139 15W
10880 BERGEN O'NEIL 1979 10881 BERGEN O'NEIL 1979	ELPHIDIELLA	A L T I D A A L T T I D A	GULF OF ALASKA	59 30N 145 40W
10882 COCKBAIN 1963	ELPHIDIELLA	NITIDA	BRITISH COLUMBIA	50 00N 125 07W
10883 COCKBAIN 1963 10884 COCKBAIN 1963	ELPHIDIELLA Elphidiella	NITIDA NITIDA	BRITISH COLUMBIA	48 14N 123 30W
10885 BERGEN O'NEIL 1979	ELPHIDIELLA	NITIDA NITIDA NITIDA NITIDA NITIDA	GULE OF ALASKA	59 55N 142 25W
10886 BERGEN O'NEIL 1979 10887 BERGEN O'NEIL 1979	ELPHIDIELLA ELPHIDIELLA ELPHIDIELLA ELPHIDIELLA	N 1 T 1 DA	GULF OF ALASKA	59 56N 141 35W
10888 DETLING 1958	ELPHIDIELLA	NITIDA NITIDA	SUNSET BAY, OREGON	43 21N 124 20W
10889 NATLAND 1933 10890 BERGEN O'NEIL 1979	ELPHIDIUM	ARTICULATUM ARTICULATUM	GULF OF ALASKA	41 46N 124 14W 59 56N 144 25W
10891 BERGEN O'NE (L 1979 10892 BERGEN O'NE IL 1979	ELPHIDIUM	ARTICULATUM	OFF ALASKA OFF ALASKA OFF ALASKA OFF ALASKA OFF ALASKA OFF ALASKA SAMISH-PADILLA BAYS CALIFORNIA COAST OREGON COAST WASHINGTON COAST	56 35N 151 50W
10893 EUSHMAN MCCULLOCH 1940	ELPHIDIUM	ARTICULATUM	KEILMIKAN, ALASKA	22 5 IN 121 2AM
10894 CUSHMAN MCCULLOCH 1940 10895 CUSHMAN MCCULLOCH 1940	ELPHIDIUM Elphidium	ARTICULATUM ARTICULATUM	OFF ALASKA OFF ALASKA	56 28N 132 23W 60 35N 145 44W
10896 CUSHMAN TODD 1947	ELPHIDIUM	ART I CUL ATUM	WASHINGTON COAST	48 33N 123 00W
10897 CUSHMAN TODD 1947 10898 BERGEN O'NEIL 1979	ELPHIDIUM Elphidium	ARTICULATUM BARTLETTI	WASHINGTON COAST GULF OF ALASKA	48 32N 123 10W 59 55N 145 40W
10899 BERGEN O'NEIL 1979 10900 BERGEN O'NEIL 1979	ELPHIDIUM	BARTLETTI	GULF OF ALASKA	59 45N 144 55W
10901 BERGEN O'NEIL 1979	ELPHIDIUM	BARTLETTI BARTLETTI	GULF OF ALASKA	59 56N 144 25W
10902 TODD LOW 1967 10903 TODD LOW 1967	ELPHIDIUM	BARTLETTI BARTLETTI	LYNN CANAL, ALASKA	58 40N 135 00W
10904 TODD LOW 1967	ELPHIDIUM	BARTLETTI	EXCURSION, ALASKA	58 25N 135 30W
10905 SMITH 1973 10906 SMITH 1973	ELPHIDIUM	BARTLETTI BARTLETTI	OFF ALASKA PENINSULA	57 49N 152 30W 54 55N 157 59W
10907 BERGEN O'NEIL 1979	ELPHIDIUM ELPHIDIUM ELPHIDIUM	BARTLETTI	GULF OF ALASKA	59 30N 145 40W
10908 BERGEN O'NEIL 1979 10909 TODD LOW 1967	ELPHIDIUM	BARTLETT1 EXCAVATUM	EXCURSION, ALASKA	58 25N 135 30W
10910 BERGEN O'NEIL 1979 10911 BERGEN O'NEIL 1979	ELPHIDIUM ELPHIDIUM ELPHIDIUM ELPHIDIUM ELPHIDIUM ELPHIDIUM	E X C A V A T U M E X C A V A T U M	GULF OF ALASKA	59 56N 144 25W
10912 BERGEN O'NEIL 1979	ELPH101UM	EXCAVATUM	GULF OF ALASKA	59 55N 142 25W
10913 BERGEN O'NEIL 1979 10914 COCKBAIN 1963	ELPHIDIUM Firhidium	EXCAVATUM EXCAVATUM	GULF OF ALASKA BRITISH COLUMBIA	59 35N 146 30W
10915 COCKBAIN 1963	ELPH101UM	EXCAVATUM	BRITISH COLUMBIA	48 20N 124 10W
10916 COCKBAIN 1963 10917 COCKBAIN 1963		E XC A VA TUM E XC A VA TUM	OFF ALASKA WASHINGTON COAST WASHINGTON COAST GULF OF ALASKA TAKU HARBOUR, ALASKA TAKU HARBOUR, ALASKA KODIAK, ALASKA KODIAK, ALASKA KODIAK, ALASKA GULF OF A	48 2UN 123 00W 48 45N 123 00W
10710 COCKBAIN 1703	CEPHIOTON	EXCAVATUM	BRITISH COLUMBIA	48 14N 123 30W
10919 COCKBAIN 1963 10920 BERGEN O'NEIL 1979	ELPHIDIUM Elphidium	E XC A VA T UM E XC A VA T UM	BRITISH COLUMBIA GULF OF ALASKA	49 15N 123 30W 59 30N 145 20W
10921 BERGEN O'NEIL 1979	ELPHIDIUM Elphidium	EXCAVATUM EXCAVATUM	GULF OF ALASKA GULF OF ALASKA	59 SON 145 47W
10922 BERGEN O'NEIL 1979 10923 BERGEN O'NEIL 1979	ELPHIDIUM	EXCAVATUM	GULF OF ALASKA	59 45N 144 55W 59 45N 146 00W
10924 BERGEN O'NEIL 1979 10925 BERGEN O'NEIL 1979	ELPHIDIUM Elphidium	EXCAVATUM EXCAVATUM	GULF OF ALASKA GULF OF ALASKA	59 30N 145 40W 56 35N 151 50W
10926 TODD LOW 1967	ELPH101UM	EXCAVATUM	TAKU HARBOUR, ALASKA	58 02N 134 00W
10927 TODD LOW 1967 10928 TODD LOW 1967	ELPHIDIUM Elphidium	EXCAVATUM EXCAVATUM	CLARENCE ST., ALASKA GULF OF ALASKA	55 21N 131 58W 59 32N 142 36W
10929 7000 LOW 1967	ELPHIDIUM	E XC AVATUM	KASAAN BAY, ALASKA	55 26N 132 14W
10930 BERGEN O'NEIL 1979 10931 BERGEN O'NEIL 1979	ELPHIDIUM Elphidium	EXCAVATUM EXCAVATUM	GULF OF ALASKA GULF OF ALASKA	59 35N 143 00W 59 42N 144 10W
10932 BERGEN O'NEIL 1979	ELPHIDIUM	EXCAVATUM	GULF OF ALASKA	58 35N 138 15W
10933 SMITH 1973 10934 SMITH 1973	ELPHIDIUM Elphidium	E XC A VA TUM C R I S P UM	KODIAK, ALASKA OFF ALASKA PENINSULA	57 49N 152 30W 54 55N 157 59W
10935 COCKBAIN 1963 10936 EUSHMAN TODD 1947	ELPHIDIUM Elphidium	CRISPUM Crispum	BRITISH COLUMBIA Washington coast	48 20N 123 00W 47 40N 122 25W
10937 CUSHMAN TODD 1947	ELPHID1UM	CRISPUM	WASHINGTON COAST	48 32N 123 10W
10938 CUSHMAN TODD 1947 10939 NICOL 1944	ELPHIDIUM Elphidium	CRISPUM CRISPUM	WASHINGTON COAST JUAN DE FUCA STRAITS	48 33N 123 00W 48 20N 124 28W
10940 COOPER 1961	ELPHIDIUM	CRISPUM	CALIFORNIA COAST	41 14N 124 07W

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10941 PHLEGER 1967 10942 BERGEN 0'NEIL 1979 10943 BERGEN 0'NEIL 1979 10944 BERGEN 0'NEIL 1979 10944 BERGEN 0'NEIL 1979 10945 BERGEN 0'NEIL 1979 10946 BERGEN 0'NEIL 1979 10947 BERGEN 0'NEIL 1979 10948 TODD LOW 1967 10949 TODD LOW 1967 10950 TODD LOW 1967 10951 TODD LOW 1967 10952 TODD LOW 1967 10952 TODD LOW 1967 10952 TODD LOW 1967 10953 TODD LOW 1967 10955 CUSHMAN MCCULLOCH 1940 10956 CUSHMAN MCCULLOCH 1940 10957 CUSHMAN MCCULLOCH 1940 10959 CUSHMAN MCCULLOCH 1940 10958 CUSHMAN MCCULLOCH 1940 10968 CUSHMAN TODD 1947 10961 CUSHMAN TODD 1947 10962 BERGEN 0'NEIL 1979 10965 BERGEN 0'NEIL 1979 10966 JONES ROSS 1979 10966 MATLAND 1933 10968 MATLAND 1933	MUIOIHATA	FRIGIDUM	GRAY'S HARBOUR, WASH- GULF OF ALASKA GWENT ON ALASKA EXCURSION, ALASKA EXCURSION, ALASKA EXCURSION, ALASKA EXCURSION, ALASKA CLARENCE ST., ALASKA GULF OF ALASKA CLARENCE ST., ALASKA CLARENCE ST., ALASKA GULF OF ALASKA OFF BRIT. COLUMBIA OFF ALASKA OFF BRIT. COLUMBIA OFF ALASKA GULF OF ALASK	47 00N 124 08W 59 45N 144 55W
10943 BERGEN O'NEIL 1979	ELPHIDIUM	FRIGIDUM FRIGIDUM	GULF OF ALASKA	59 50N 145 47W
10944 BERGEN O'NEIL 1979	ELPHIDIUM	FRIGIOUM	GULF OF ALASKA	59 42N 144 10W
10946 BERGEN O'NEIL 1979	ELPHIDIUM	FRIGIDUM FRIGIDUM	GULF OF ALASKA	59 00N 141 20W
10947 BERGEN O'NEIL 1979	ELPHIDIUM	FRIGIDUM	GULF OF ALASKA	59 30N 145 20W
10949 TODD LOW 1967	ELPHIDIUM	FRIGIOUM FRIGIDUM	LANN CANAL' AFARKA	58 40N 135 00W
10950 TODD LOW 1967	ELPHIOIUM	FRIGIOUM	EXCURSION. ALASKA	58 25N 135 30W
10952 TODD LOW 1967	ELPHIDIUM	FRIGIDUM FRIGIDUM	CLARENCE ST., ALASKA	55 21N 131 58W
10953 TODD LOW 1967	ELPHIOIUM	FRIGIDUM	GULF OF ALASKA	59 32N 142 36W
10955 CUSHMAN MCCULLOCH 1940	ELPHIDIUM	FRIGIDUM FRIGIDUM	KETCHIKAN, ALASKA	55 21N 131 39W
10956 CUSHMAN MCCULLOCH 1940	ELPHIDIUM	FRIGIOUM FRIGIOUM FRIGIOUM FRIGIOUM FRIGIOUM	OFF ALASKA	59 23N 135 20W
10958 CUSHMAN MCCULLOCH 1940	ELPHIDIUM	FRIGIDUM	OFF WASHINGTON	47 59N 122 15W
10959 CUSHMAN MCCULLOCH 1940	ELPHIDIUM	FRIGIDUM	OFF WASHINGTON	47 30N 122 29W
10961 CUSHMAN TODD 1947	ELPHIDIUM	FRIGIDUM FRIGIDUM FRIGIDUM	WASHINGTON COAST	48 32N 123 10W
10962 BERGEN O'NEIL 1979 10963 BERGEN O'NEIL 1979	ELPHIDIUM	FRIGIDUM FRIGIDUM	GULF OF ALASKA	59 55N 142 25W 58 35N 138 15W
10964 BERGEN O'NEIL 1979	ELPHIDIUM	FRIGIDUM	GULF OF ALASKA	59 30N 145 40W
10965 BERGEN O'NEIL 1979 10966 JONES ROSS 1979	ELPHIDIUM Flphidium	FRIGIDUM EXCAVATUM	GULF OF ALASKA	56 40N 151 55W 48 35N 122 28W
10967 NATLAND 1933	ELPHIDIELLA	HANNAI	CRESCENT CITY, CALIF.	41 46N 124 14W
10968 NATLAND 1933 10969 BERGEN O'NEIL 1979	ELPHIDIUM Elphidium	HUGHES I	CRESCENT CITY, CALIF.	41 46N 124 14W 59 45N 146 00W
10970 BERGEN O'NEIL 1979	EFBHIDIAW	HUGHESI	GULF OF ALASKA	59 45N 144 55W
10971 BERGEN O'NEIL 1979 10972 BERGEN O'NEIL 1979	ELPHIDIUM Elphidium	HUGHES I HUGHES I	GULF OF ALASKA	59 42N 144 10W
10973 BERGEN O'NEIL 1979	ELPHIDIUM	HUGHESI	GULF OF ALASKA	59 56N 141 35W
10974 BERGEN O'NEIL 1979 10975 COOPER 1961	ELPHIDIUM	HUGHESI HUGHESI FORAMINOSUM	GULF OF ALASKA	59 35N 146 30W
10976 COCKBAIN 1963	ELPHIDIUM	INCERTUM	BRITISH COLUMBIA	48 20N 123 00W
10977 COCKBAIN 1963 10978 COCKBAIN 1963	ELPHIDIUM E) PHIDIUM	INCERTUM INCERTUM	BRITISH COLUMBIA	48 14N 123 30W
10979 COCKBAIN 1963	ELPHIDIUM	INCERTUM	BRITISH COLUMBIA	48 45N 123 00W
10980 DETLING 1958 10981 SMITH 1973	ELPHIDIUM	INCERTUM	SUNSET BAY, OREGON	43 21N 124 20W
10982 CUSHMAN TODO 1947	ELPHIOIUM	LENE	WASHINGTON COAST	48 43N 122 55W
10983 CUSHMAN TODD 1947 10984 CUSHMAN TODD 1947	ELPHIDIUM FLPHIDIUM	L ENE L FNE	WASHINGTON COAST WASHINGTON COAST	48 32N 123 10W 47 40N 122 25W
10980 DET LING 1958 10981 SMITH 1973 10982 CUSHMAN TODD 1947 10983 CUSHMAN TODD 1947 10984 CUSHMAN TODD 1947 10985 CUSHMAN TODD 1947 10986 CUSHMAN TODD 1947 10986 CUSHMAN MCCULLOCH 1940 10987 CUSHMAN MCCULLOCH 1940 10988 CUSHMAN MCCULLOCH 1940 10989 PHLEGER 1967	ELPHIDIUM	INCERTUM INCERTUM LENE LENE LENE LENE LENE LENE LENE LEN	WASHINGTON COAST	48 33N 123 00W
10986 CUSHMAN MCCULLOCH 1940 10987 CUSHMAN MCCULLOCH 1940	ELPHIDIUM	LENE	KETCHIKAN, ALASKA OFF ALASKA	55 21N 131 39W 56 28N 132 23W
10988 CUSHMAN MCCULLOCH 1940	ELPHIDIUM	LENE	OFF BRIT. COLUMBIA	49 15N 123 25W
10989 PHLEGER 1967 10990 SMITH 1973	ELPHIDIUM	L E N E M A G E L L A N I C U M	GRAY'S HARBOUR, WASH. OFF ALASKA PENINSULA	47 00N 124 08W 56 23N 154 27W
10991 ECHOLS 1969	ELPHIDIUM	MAGELLANICUM	WASHINGTON COAST	48 20N 124 42W
10992 ECHOLS 1969 10993 ECHOLS 1969	ELPHIDIUM	MAGELLANICUM MAGELLANICUM	WASHINGTON COAST	47 30N 124 20W
10994 ECHOLS 1969	ELPHIOIUM	MIC ROGRANULO SUM	WASHINGTON COAST	47 00N 124 10W
10995 ECHOLS 1969 10996 ECHOLS 1969	ELPHIDIUM	MICROGRANULO SUM MICROGRANULO SUM	WASHINGTON COAST	47 30N 124 20W
10997 COOPER 1961	ELPHIOLUM	MICROGRANULO SUM MICROGRANULO SUM	WASHINGTON COAST  OREGON COAST  OREGON COAST  CALIFORNIA COAST  OREGON COAST  ASMISH BAY, ALASKA  KASAAN BAY, ALASKA  KASAAN BAY, ALASKA  KASAAN BAY, ALASKA  KASAAN BAY, ALASKA  BRITISH COLUMBIA  BRITISH COLUMBIA  BRITISH COLUMBIA  BRITISH COLUMBIA  BRITISH COLUMBIA  GRAY'S HARBOUR, WASH.  COOS, BAY, OREGON  SUNSET BAY, OREGON	43 07N 124 26W
10998 COOPER 1961 10999 COOPER 1961	ELPHIDIUM	MIC ROGRANULO SUM	CALIFORNIA COAST	40 11N 123 39W
11000 COOPER 1961 11001 COOPER 1961	ELPHIDIUM	MICROGRANULOSUM	OREGON COAST	45 36N 123 57W
11002 COOPER 1961	ELPHIDIUM	MICROGRANULOSUM MICROGRANULOSUM	CALIFORNIA COAST	41 36N 124 13W
11003 COOPER 1961 11004 COOPER 1961	ELPHIDIUM	MICROGRANULO SUM MICROGRANULO SUM	OREGON COAST	44 49N 124 04W
11005 SMITH 1973	HAYNESINÁ	ORBICULARE	KODIAK, ALASKA	57 49N 152 30W
11006 TODO LOW 1967 11007 JONES ROSS 1979	ELPHIDIUM	O RE GONE NS E E XC AVATUM	KASAAN BAY, ALASKA	55 26N 132 14W
11008 COCKBAIN 1963	ELPHIDIUM	SUBARCTICUM	BRITISH COLUMBIA	48 14N 123 30W
11009 COCKBAIN 1963 11010 COCKBAIN 1963	ELPHIDIUM	SUB ARCTICUM SUB ARCTICUM	BRITISH COLUMBIA BRITISH COLUMBIA	48 20N 124 10W 48 20N 123 00W
11011 COCKBAIN 1963	ELPHIDIUM	SUB ARCTICUM SUB ARCTICUM	BRITISH COLUMBIA	48 45N 123 00W
11012 COCKBAIN 1963 11013 PHLEGER 1967	ELPHIDIUM	SUB ARCTICUM SUB ARCTICUM	BRITISH COLUMBIA	50 00N 125 07W
11014 PHLEGER 1967	ELPHIDIUM	SUBARCTICUM	COOS, BAY, OREGON	43 25N 124 08W
11015 DETLING 1958 11016 COOPER 1961	ELPHIDIUM Elphidium	SUB ARCTICUM Translucens	SUNSET BAY, OREGON CALIFORNIA COAST	43 21N 124 20W 41 36N 124 13W
11017 COOPER 1961	ELPHIOIUM	TRANSLUCENS	OREGON COAST	43 07N 124 26W
11018 COOPER 1961 11019 CUSHMAN TODD 1947	ELPHIDIUM "	TRANSLUCENS TUMIDUM	OREGON COAST WASHINGTON COAST	42 25N 124 26W 48 33N 123 00W
11020 CUSHMAN TODO 1947	ELPHID1UM	TUMIDUM	WASHINGTON COAST	48 43N 122 55W
11021 CUSHMAN TODO 1947 11022 CUSHMAN MCCULLOCH 1940	ELPHIOIUM Elphidium	T UM I DUM T UM I DUM	WASHINGTON COAST OFF BRIT. COLUMBIA	48 32N 123 10W 49 15N 123 25W
11023 CUSHMAN MCCULLOCH 1940	ELPHIOIUM	TUMIDUM	OFF ALASKA	60 35N 145 44W
11024 CUSHMAN MCCULLOCH 1940 11025 CUSHMAN MCCULLOCH 1940	ELPHIDIUM ELPHIDIUM	TUM I DUM TUM I DUM	OFF ALASKA OFF ALASKA	60 37N 146 05W 58 19N 134 20W
11026 CUSHMAN TODD 1947	OOLINA	MELO	WASHINGTON COAST	48 32N 123 10W
11027 CUSHMAN TODO 1947 11028 CUSHMAN TOOD 1947	OOLINA OOLINA	MELO MELO	WASHINGTON COAST WASHINGTON COAST	48 33N 123 00W 47 40N 122 25W
11029 CUSHMAN TOOD 1947	FISSURINA	COMPRESSA	WASHINGTON COAST	48 33N 123 00W
	FISSURINA FISSURINA	COMPRESSA Lucida	WASHINGTON COAST WASHINGTON COAST	48 32N 123 10W 48 33N 123 00W
11032 LANKFORD PHLEGER 1973	EP I STOM I NELLA	B RA DY AN A	CRESCENT CITY, CALIF.	41 45N 124 13W
11033 SMITH 1973 11034 SMITH 1973	EPISTOMINELLA EPISTOMINELLA	E X I GUA E X I GUA	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	49 50N 160 57W 56 23N 154 27W
11035 SMITH 1973	EPISTOMI NELLA	EXIGUA	OFF ALASKA PENINSULA	54 55N 157 59W

Publication	Generic Name	Specific Name		Lat. Long.
11036 SMITH 1973 11037 BERGEN O'NEIL 1979	EPISTOMINELLA EPISTOMINELLA	E X I GUA E X I GUA	NORTH PACIFIC GULF OF ALASKA GULF OF	43 47N 160 36W 59 45N 146 00W
11038 BERGEN O'NEIL 1979	EPISTOMINELLA	E XI GUA	GULF OF ALASKA	59 30N 145 40W
11039 BERGEN O'NEIL 1979	EPISTOMINELLA	PACIFICA	GULF OF ALASKA	59 35N 146 30W
11040 BERGEN O'NEIL 1979 11041 TODD LOW 1967	EPISTOMINELLA EPISTOMINELLA	PACIFICA PACIFICA	GULF OF ALASKA	59 SSN 142 25W 55 21N 131 SBW
11042 TODD LOW 1967	EPISTOMINELLA	PACIFICA	GULF OF ALASKA	59 32N 142 36W
11043 BERGEN O'NEIL 1979 11044 BERGEN O'NEIL 1979	EPISTOMINELLA EBISTOMINELLA	PACIFICA	GULF OF ALASKA	59 30N 145 20W
	EPISTOMINELLA EPISTOMINELLA	PACIFICA PACIFICA	GULF OF ALASKA	59 30N 145 40W
11046 BERGEN O'NEIL 1979	EPISTOMINELLA	PAC1FICA	GULF OF ALASKA	59 45N 144 55W
	EPISTOMINELLA EPISTOMINELLA	PACIFICA PACIFICA	GULF OF ALASKA	58 50N 141 15W
11049 BERGEN O'NEIL 1979	EPISTOMINELLA	PACIFICA	GULF OF ALASKA	56 35N 151 50W
11050 BERGEN O'NEIL 1979 11051 BERGEN O'NEIL 1979	EPISTOMINELLA EPISTOMINELLA	PAC1F1CA PAC1F1CA	GULF OF ALASKA	59 35N 143 00W
11052 BERGEN O'NEIL 1979	EPISTOMINELLA EPISTOMINELLA	PACIFICA	GULF OF ALASKA	59 50N 145 47W
11053 COCKBAIN 1963	EPISTOMINELLA EPISTOMINELLA	PACIFICA	BRITISH COLUMBIA	48 20N 123 00W
11055 COCKBAIN 1963	EPISTOMINELLA EPISTOMINELLA	PACIFICA PACIFICA	BRITISH COLUMBIA	48 45N 123 00W
11056 BERGEN O'NEIL 1979 11057 BERGEN O'NEIL 1979	EPISTOMINELLA	PACIFICA	GULF OF ALASKA	59 30N 145 45W
11058 BERGEN O'NEIL 1979	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA	PACIFICA PACIFICA	GULF OF ALASKA	59 25N 145 25W
11059 SMITH 1973 11060 TÖDD LOW 1967	EP I STOM I NELLA	UMB ON 1 F ER A	OFF ALASKA PENINSULA	49 50N 160 57W
11060 TODD LOW 1967	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA	VITREA VITREA	TAKU HARBOUR, ALASKA	58 UZN 134 UUW 55 ZAN 132 14W
11062 TODD LOW 1967	EP1STOMINELLA	VITREA	EXCURSION, ALASKA	58 25N 135 30W
11063 TODD LOW 1967 11064 TODD LOW 1967	EPISTOMINELLA EPISTOMINELLA	VITREA VITREA	GULF OF ALASKA	59 32N 142 36W
11065 BERGEN O'NEIL 1979	EPISTOMINELLA EPISTOMINELLA	VITREA	GULF OF ALASKA	59 45N 146 00W
	EPISTOMINELLA EPISTOMINELLA	VITREA	GULF OF ALASKA	59 30N 142 55W
	EPISTOMINELLA	VITREA VITREA	GULF OF ALASKA	59 00N 141 20W
11069 BERGEN O'NEIL 1979	EP[STOM]NELLA	VITREA	GULF OF ALASKA	59 20N 145 38W
11070 BERGEN O'NEIL 1979 11071 BERGEN O'NEIL 1979	EPISTOMINELLA EPISTOMINELLA	VITREA VITREA	GULF OF ALASKA	59 30N 145 20W
11072 BERGEN O'NEIL 1979	EP1STOMINELLA	VITREA	GULF OF ALASKA	59 35N 146 30W
11073 BERGEN O'NEIL 1979 11074 BERGEN O'NEIL 1979	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA	VIT REA VIT REA	GULF OF ALASKA	58 50N 141 15W
11075 BERGEN O'NEIL 1979	EPISTOMINELLA	VITREA	GULF OF ALASKA	59 30N 145 45W
110/0 BERGEN O NEIL 19/9	EPISTOMINELLA EPISTOMINELLA	VITREA	GULF OF ALASKA	59 35N 143 00W
11078 BERGEN O'NEIL 1979	EPISTOMINELLA	VITREA VITREA	GULF OF ALASKA	59 45N 144 55W
11079 BERGEN O'NEIL 1979	EPISTOM [ NELLA	VITREA	GULF OF ALASKA	58 35N 138 15W
	EPISTOMINELLA EPONIDES	VITREA COLUMBIENSIS	CALIFORNIA COAST	41 36N 124 13W
11082 COOPER 1961	EPONIDES	COLUMBIENSIS	OREGON COAST	44 49N 124 04W
11083 COOPER 1961 11084 CUSHMAN TODD 1947	EPONIDES EPONIDES	COLUMBIENSIS COLUMBIENSIS	OREGON COAST WASHINGTON COAST	42 25N 124 26W 48 33N 123 00W
11085 DETLING 1958	EPONIDES EPONIDES EPONIDES EPONIDES EPONIDES BUCCELLA BUCCELLA	COLUMBIENSIS	SUNSET BAY, OREGON	43 21N 124 20W
11086 CUSHMAN TODD 1947 11087 CUSHMAN TOOD 1947	EPONIDES	COLUMBIENSIS COLUMBIENSIS	WASHINGTON COAST	48 32N 123 10W
11088 CUSHMAN TOOD 1947	EPONIDES	COLUMBIENSIS	WASHINGTON COAST	47 40N 122 25W
11089 CUSHMAN TODD 1947 11090 CUSHMAN TODD 1947	BUCCELLA	FRIGIDA FRIGIDA	WASHINGTON COAST	48 33N 123 00W
TIUTI CUSHMAN TUDU 1947	BUCCELLA	FRIGIDA	WASHINGTON COAST	48 32N 123 10W
11092 BERGEN O'NEIL 1979	EPONIDES EPONIDES	HEALDI HEALDI	GULF OF ALASKA	59 30N 145 40W
	EPONIDES	HEALDI	GULF OF ALASKA	59 25N 145 25W
	EPONIDES	HEALDI	GULF OF ALASKA	59 20N 145 38W
	EPONIDES EPONIDES	HEALDI HEALDI	GULF OF ALASKA	59 00N 141 20W
11098 TODD LOW 1967	ROSALINA	ISABELLEANA LEVICULUS	GULF OF ALASKA	59 32N 142 36W
11099 BERGEN O'NEIL 1979 11100 BERGEN O'NEIL 1979	EPONIDES EPONIDES	L EV 1 CULUS	GULF OF ALASKA	59 42N 144 10W
11101 BERGEN O'NEIL 1979	EPONIDES	L EV I CUL US	CALIFORNIA COAST OREGON COAST OREGON COAST WASHINGTON COAST GULF OF ALASKA	59 30N 142 55W
11102 BERGEN O'NEIL 1979 11103 BERGEN O'NEIL 1979	EPONIDES EPONIDES	L EV I CUL US L EV I CUL US	GULF OF ALASKA	59 30N 143 20W
11104 BERGEN O'NEIL 1979	EPONIDES EPONIDES EPONIDES EPONIDES	L EV 1 CUL US	GULF OF ALASKA	59 20N 145 38W
		FEA LCAFAS FEA LCAFAS	GULF OF ALASKA	59 UUN 141 20W
11107 BERGEN O'NEIL 1979	EPONIDES	L EV I CUL US	GULF OF ALASKA	59 55N 142 25W
11108 BERGEN O'NEIL 1979 11109 BERGEN O'NEIL 1979	EPONIDES EPONIDES	L EVICULUS	GULF OF ALASKA GULF OF ALASKA	58 50N 141 15W 59 45N 146 00W
11110 BERGEN O'NEIL 1979	EPONIDES	LEVICULUS	GOLF OF MENSKA	J7 JUN 143 4UW
11111 BERGEN O'NEIL 1979 11112 BERGEN O'NEIL 1979	EPONIDES EPONIDES	L EV I CULUS	GULF OF ALASKA GULF OF ALASKA	59 30N 145 45W 58 35N 138 15W
11113 BERGEN O'NEIL 1979	EPONIDES	F EA LCOFO2	GULF OF ALASKA	59 45N 144 55W
11114 NATLAND 1933	EPONIDES EPONIDES	O RN A T A R E P A N D U S	CRESCENT CITY, CALIF. GULF OF ALASKA	41 46N 124 14W 59 55N 145 40W
11115 BERGEN O'NEIL 1979 11116 BERGEN O'NEIL 1979	EPONIDES	REPANDUS	GULF OF ALASKA	59 42N 144 10W
11117 BERGEN O'NEIL 1979	EPONIDES	REPANDUS	GULF OF ALASKA	59 35N 146 30W
11118 BERGEN O'NEIL 1979 11119 CUSHMAN TODD 1947	EPONIDES Eponides	R EP ANDUS R EP ANDUS	GULF OF ALASKA WASHINGTON COAST	58 35N 139 15W 47 41N 124 28W
11120 CUSHMAN TODD 1947	EPONIDES	REP ANDUS	WASHINGTON COAST	48 07N 122 55W
11121 BERGEN O'NEIL 1979 11122 BERGEN O'NEIL 1979	EPONIDES EPONIDES	REPANDUS REPANDUS	GULF OF ALASKA GULF OF ALASKA	58 30N 139 00W 56 40N 151 55W
11123 BERGEN O'NEIL 1979	EPONIDES	R EP ANDUS	GULF OF ALASKA	56 30N 152 40W
11124 BERGEN O'NEIL 1979 11125 BERGEN O'NEIL 1979	EPONIDES EPONIDES	S UB T E N E RA S UB T E N E RA	GULF OF ALASKA GULF OF ALASKA	59 30N 142 55W 59 30N 145 45W
11126 BERGEN O'NEIL 1979	EPONIDES	SUBTENERA	GULF OF ALASKA	59 30N 145 40W
11127 BERGEN O'NEIL 1979	EPONIDES	SUBTENERA	GULF OF ALASKA GULF OF ALASKA	59 30N 143 00W
11128 BERGEN O'NEIL 1979 11129 BERGEN O'NEIL 1979	EPONIDES EPONIDES	S UB T E N E R A S UB T E N E R A	GULF OF ALASKA	59 00N 141 20W 59 30N 145 20W
11130 BERGEN O'NEIL 1979	EPONIDES	SUBTENERA	GULF OF ALASKA	59 20N 145 38W

Publication	Generic Name	Specific Name	Decality  OFF OREGON OFF OREGON OFF OREGON OFF OREGON GULF OF ALASKA GULF OF ALAS	Lat. Long.
11131 CUSHMAN 1927 11132 CUSHMAN 1927 11133 BERGEN O'NEIL 1979 11135 BERGEN O'NEIL 1979 11135 BERGEN O'NEIL 1979 11136 BERGEN O'NEIL 1979 11137 BERGEN O'NEIL 1979 11138 BERGEN O'NEIL 1979 11139 DOD LOW 1967 11140 IDDD LOW 1967 11140 IDDD LOW 1967 11141 BERGEN O'NEIL 1979 11142 BERGEN O'NEIL 1979 11143 BERGEN O'NEIL 1979 11144 DETLING 1958 11145 COOPER 1961 1146 COCKBAIN 1963 11147 COCKBAIN 1963 11147 COCKBAIN 1963 11148 BERGEN O'NEIL 1979 11151 BERGEN O'NEIL 1979 11150 BERGEN O'NEIL 1979 11151 BERGEN O'NEIL 1979 11151 BERGEN O'NEIL 1979 11152 BERGEN O'NEIL 1979 11153 BERGEN O'NEIL 1979 11154 BERGEN O'NEIL 1979 11155 BERGEN O'NEIL 1979 11156 BERGEN O'NEIL 1979 11157 BERGEN O'NEIL 1979 11158 BERGEN O'NEIL 1979 11159 BERGEN O'NEIL 1979 11150 BERGEN O'NEIL 1979 11151 BERGEN O'NEIL 1979 11151 BERGEN O'NEIL 1979 11152 BERGEN O'NEIL 1979 11153 BERGEN O'NEIL 1979 11154 BERGEN O'NEIL 1979 11155 DOD LOW 1967 11166 LANKFORD PHLEGER 1973 11166 LOMFORD PHLEGER 1973 11167 LANKFORD PHLEGER 1973 11168 COOPER 1961 11169 BERGEN O'NEIL 1979 11178 BERGEN O'NEIL 1979 11179 BERGEN O'NEIL 1979 11178 BERGEN O'NEIL 1979 11179 BERGEN O'NEIL 1979 11178 BERGEN O'NEIL 1979 11179 BERGEN O'NEIL 1979 11188 BERGEN O'NEIL 1979 11188 BERGEN O'NEIL 1979 11179 BERGEN O'NEIL 1979 11179 BERGEN O'NEIL 1979 11179 BERGEN O'NEIL 1979 11179 BERGEN O'NEIL 1979 11188 BERGEN O'NEIL 1979 11188 BERGEN O'NEIL 1979 11188 BERGEN O'NEIL 1979 11179 BERGEN O'NEIL 1979 11189 BERGEN O'NEIL 1979 11179 BERGEN O'NEIL 1979 11189 BERGEN O'NEIL 1979 11180 BERGEN O'NEIL 1979 11181 BERGEN O'NEIL 1979 11181 BERGEN O'NEIL 1979 11181 BERGEN O'NEIL 1979 11180 BERGEN O'NEIL 1979 11181 BERGEN O'NEIL 1979 11180 BERGEN O'NEIL 1979 11180 BERGEN O'NEIL 1979 11180 BE	EPONIDES	TENERA	OFF OREGON	43 15N 124 53W
11133 BERGEN O'NEIL 1979	EPONIDES EPONIDES	TENERA UMBONATUS	OFF OREGON	59 30N 145 20W
11134 BERGEN O'NEIL 1979	EPONIDES	UMBONATUS	GULF OF ALASKA	59 30N 145 40W
11136 BERGEN O'NEIL 1979	EPONIDES EPONIDES	UMB ONA TUS UMB ONA TUS	GULF OF ALASKA	59 30N 143 00W
11137 BERGEN O'NEIL 1979	EPONIDES	UMBONATUS	GULF OF ALASKA	59 20N 145 38W
11138 BERGEN O'NEIL 1979	FISSURINA	A GA S S I Z I A GA S S I Z I	GULF OF ALASKA	59 45N 144 55W 59 32N 142 36W
11140 TODD LOW 1967	FISSURINA	COCORDIIAZEMA	GULF OF ALASKA	59 32N 142 36W
11141 BERGEN O'NEIL 1979	FISSURINA	CHCURALTASEMA	GULF OF ALASKA	59 30N 142 55W
11143 BERGEN O'NEIL 1979	FISSURINA	CUCURBITASEMA LUCIDA	GULF OF ALASKA	59 55N 142 25W
11144 DETLING 1958	FISSURINA	LUCIDA LUCIDA	SUNSET BAY, OREGON	43 21N 124 20W
11145 COOPER 1961 11146 COCKBAIN 1963	FISSURINA	LUCIDA	CALIFORNIA COASI	48 20N 123 00W
11147 COCKBAIN 1963	FISSURINA	LUCIDA LUCIDA LUCIDA LUCIDA LUCIDA	BRITISH COLUMBIA	48 45N 123 00W
11148 BERGEN O'NEIL 1979 11149 BERGEN O'NEIL 1979	FISSURINA FISSURINA	LUCIDA	GULF OF ALASKA	59 30N 145 40W
11150 BERGEN O'NEIL 1979	FISSURINA	LUCIDA	GULF OF ALASKA	58 35N 139 15W
11151 BERGEN O'NEIL 1979	FISSURINA	LÜCIDA LUCIDA LUCIDA	GULF OF ALASKA	59 30N 145 40W
11153 BERGEN O'NEIL 1979	FISSURINA	LUCIDA	GULF OF ALASKA	59 45N 146 00W
11154 BERGEN O'NEIL 1979	FISSURINA	LUCIDA	GULF OF ALASKA	59 35N 143 00W
11156 BERGEN O'NEIL 1979	FISSURINA	L UC I DA	GULF OF ALASKA	59 42N 144 10W
11157 BERGEN O'NEIL 1979	FISSURINA	LUCIDA	GULF OF ALASKA	59 42N 144 10W
11158 BERGEN O'NEIL 1979	FISSURINA	L UC I DA L UC I DA	GULF OF ALASKA GULF OF ALASKA	59 00N 141 20W
11160 BERGEN O'NEIL 1979	FISSURINA	LUCIDA	GULF OF ALASKA	59 30N 142 55W
11161 BERGEN O'NEIL 1979	FISSURINA	L UC I D A L UC I D A	GULF OF ALASKA	59 30N 145 20W
11163 TOOD LOW 1967	FISSURINA	LUCIDA	EXCURSION, ALASKA	58 25N 135 30W
11164 TODD LOW 1967	FISSURINA	LUCIDA LUCIDA	CLARENCE ST. ALASKA	55 21N 131 58W
11166 LANKFORD PHLEGER 1973	FISSURINA	LUCIDA	CRESCENT CITY, CALIF.	41 45N 124 13W
11167 LANKFORD PHLEGER 1973	FISSURINA	LUCIOA	LAPUSH, WASHINGTON	47 55N 127 39W
11168 COOPER 1961 11169 BERGEN O'NEIL 1979	FISSURINA	M A R G I N A T A M A R G I N A T A	GULF OF ALASKA	56 40N 151 55W
11170 COOPER 1961	FISSURINA	MARGINATA	OREGON COAST	44 OZN 124 O8W
11171 COOPER 1961 11172 BERGEN O'NEIL 1979	FISSURINA	MARGINATA MARGINATA MARGINATA	OREGON COASI	43 U/N 124 26W
11173 BERGEN O'NEIL 1979	FISSURINA	MARGINATA	GULF OF ALASKA	59 30N 142 55W
11174 BERGEN O'NEIL 1979	FISSURINA	MARGINATA	GULF OF ALASKA	59 45N 144 55W 59 30N 145 20W
11176 BERGEN O'NEIL 1979	NONIONELLA	AURICULA	GULF OF ALASKA	59 25N 145 25W
11177 BERGEN O'NEIL 1979	NONIONELLA	MARGINATA MARGINATA MARGINATA MARGINATA AURICULA	GULF OF ALASKA	59 30N 142 55W
11179 BERGEN O'NEIL 1979	NONIONELLA	AURICULA	GULF OF ALASKA	59 30N 145 40W
11180 BERGEN O'NEIL 1979	NONIONELLA	AURICULA	GULF OF ALASKA	59 42N 144 10W
11182 BERGEN O'NEIL 1979	NONIONELLA	AURICULA	GULF OF ALASKA	59 45N 144 55W
11183 BERGEN O'NEIL 1979	NONIONELLA	AURICULA	GULF OF ALASKA	59 35N 143 00W
11185 BERGEN O'NEIL 1979	NONIONELLA	A UR I CUL A A UR I CUL A	GULF OF ALASKA	59 20N 145 38W
11186 BERGEN O'NEIL 1979	NONIONELLA	A UR 1 CUL A	GULF OF ALASKA	56 25N 152 45W
11188 BERGEN O'NEIL 1979	NONIONELLA	A UR I CUL A A UR I CUL A	GULF OF ALASKA	58 30N 139 00W
11189 BERGEN O'NEIL 1979	NONIONELLA	AURICULA	GULF OF ALASKA	59 55N 142 25W
11190 BERGEN O'NEIL 1979 11191 BERGEN O'NEIL 1979	NONIONEL LA NONIONEL LA	A UR I CUL A A UR I CUL A	GULF OF ALASKA GULF OF ALASKA	59 55N 142 25N 56 30N 152 40W
11192 LANKFORD PHLEGER 1973	NONIONELLA	BASISPINATA	CRESCENT CITY, CALIF.	41 45N 124 13W
11193 ECHOLS 1969 11194 ECHOLS 1969	NONIONELLA NONIONELLA	JAPONICA JAPONICA	WASHINGTON COAST WASHINGTON COAST	47 DDN 124 12W 48 20N 124 44W
11195 ECHOLS 1969	NONIONELLA	J AP ON I C A	WASHINGTON COAST	47 30N 124 22W
11196 BERGEN O'NEIL 1979 11197 BERGEN O'NEIL 1979	NONIONELLINA NONIONELLINA	L AB RADORICA L ABRADORICA	GULF OF ALASKA GULF OF ALASKA	59 35N 143 UUW 59 45N 146 00W
11198 BERGEN O'NEIL 1979	NONIONELLA NONIONELLA NONIONELLINA	1 40 040 007 04	GULF OF ALASKA	59 SON 145 47W
11199 BERGEN O'NEIL 1979 11200 BERGEN O'NEIL 1979	NONIONELLINA NONIONELLINA	LABRAOORICA LABRAOORICA LABRAOORICA LABRAOORICA LABRAOORICA LABRAOORICA	GULF OF ALASKA	59 42N 144 10W
11201 BERGEN O'NEIL 1979	NONIONELLINA	LABRADORICA	GULF OF ALASKA	59 30N 145 40W
11202 BERGEN O'NEIL 1979 11203 BERGEN O'NEIL 1979	NONIONELLINA NONIONELLINA	L AB RADORICA L ABRADORICA	GULF OF ALASKA	59 45N 144 55W
11204 BERGEN O'NEIL 1979	NONIONELLINA	LABRADORICA	GULF OF ALASKA	59 30N 143 20W
11205 BERGEN O'NEIL 1979	NONIONELLINA	LABRADORICA	GULF OF ALASKA	59 25N 145 25W
11206 BERGEN O'NEIL 1979 11207 TODD LOW 1967	NONIONELLINA NONIONELLINA	L ABRADORICA L ABRADORICA	GULF OF ALASKA Clarence St., Alaska	59 00N 141 20W 55 21N 131 58W
11208 TODD LOW 1967	NONIONELLINA	LABRADORICA	KASAAN BAY, ALASKA	55 26N 132 14W
11209 TODD LOW 1967 11210 TODD LOW 1967	NONIONELLINA NONIONELLINA	L ABRADORICA L ABRADORICA	EXCURSION, ALASKA GULF OF ALASKA	58 25N 135 30W 59 32N 142 36W
11211 BERGEN O'NEIL 1979	NONIONELLINA	LABRADORICA	GULF OF ALASKA	59 55N 142 25W
11212 WHITEAVES 1886 11213 WHITEAVES 1886	FRONDICULARIA FRONDICULARIA	C AN AL I CULATA C AN AL I CULATA	SIRAIT OF GEORGIA, B.C. STRAIT OF GEORGIA, B.C.	49 50N 124 42W 49 20N 124 28W
11214 TODO LOW 1967	FRONDICULARIA	GIGAS	GULF OF ALASKA	59 32N 142 36W
11215 TODO LOW 1967 11216 TODD LOW 1967	FRONDICULARIA GAUDRYINA	G I G A S A RE NAR I A	KASAAN BAY, ALASKA Excursion, Alaska	55 26N 132 14W 58 25N 135 30W
11217 TODD LOW 1967	GAUDRYINA	A RE NAR I A	GULF OF ALASKA	59 32N 142 36W
11218 TODO LOW 1967 11219 TODO LOW 1967	GAUDRY I NA GAUDRY I NA	ARENARIA ARENARIA	KASAAN BAY, ALASKA Taku Harbour, Alaska	55 26N 132 14W
11220 CUSHMAN MCCULLOCH 1939	GAUDRYINA	ARENARIA	OFF ALASKA	58 02N 134 00W 56 28N 132 23W
11221 COCKBAIN 1963 11222 COOPER 1961	GAUDRYINA GAUDRYINA	A RE NAR I A A RE NAR I A	BRITISH COLUMBIA OREGON COAST	48 45N 123 00W
11223 COCKBAIN 1963	GAUDRYINA	ARENARIA	BRITISH COLUMBIA	43 07N 124 26W 48 20N 124 10W
11224 COCKBAIN 1963 11225 COCKBAIN 1963	GAUDRY I NA GAUDRY I NA	A RE NAR I A A RE NAR I A	BRITISH COLUMBIA British Columbia	48 14N 123 30W 48 20N 123 00W
			S COCOMBIA	AO SON ISS OF

Publication  11226 BERGEN O'NEIL 1979 11227 BERGEN O'NEIL 1979 11228 BERGEN O'NEIL 1979 11230 CUSHMAN TODO 1947 11231 CUSHMAN TODO 1947 11231 CUSHMAN TODO 1947 11232 COOPER 1961 11233 COOPER 1961 11233 COOPER 1961 11233 COOPER 1961 11234 COCKBAIN 1963 11235 COOPER 1961 11236 COCKBAIN 1963 11238 COCKBAIN 1963 11239 CUSHMAN TODO 1947 11240 ECHOLS 1969 11241 COOPER 1961 11242 SCOIT 1974 11243 BERGEN O'NEIL 1979 11245 BERGEN O'NEIL 1979 11246 BERGEN O'NEIL 1979 11246 BERGEN O'NEIL 1979 11247 BERGEN O'NEIL 1979 11248 BERGEN O'NEIL 1979 11249 BERGEN O'NEIL 1979 11251 TODO LOW 1967 11252 COCKBAIN 1963 11253 COCKBAIN 1963 11254 COCKBAIN 1963 11255 BERGEN O'NEIL 1979 11256 BERGEN O'NEIL 1979 11257 BERGEN O'NEIL 1979 11258 BERGEN O'NEIL 1979 11258 BERGEN O'NEIL 1979 11259 TODO LOW 1967 11261 TODO LOW 1967 11263 TODO LOW 1967 11264 TODO LOW 1967 11265 SERGEN O'NEIL 1979 11256 BERGEN O'NEIL 1979 11257 EOCKBAIN 1963 11258 COCKBAIN 1963 11259 COCKBAIN 1967 11260 TODO LOW 1967 11261 TODO LOW 1967 11263 TODO LOW 1967 11263 TODO LOW 1967 11264 SERGEN O'NEIL 1979 11278 BERGEN O'NEIL 1979 11279 BERGEN O'NEIL 1979 11279 BERGEN O'NEIL 1979 11271 BERGEN O'NEIL 1979 11272 BERGEN O'NEIL 1979 11273 SERGEN O'NEIL 1979 11274 BERGEN O'NEIL 1979 11275 SERGEN O'NEIL 1979 11276 SERGEN O'NEIL 1979 11277 SERTIN 1973 11278 SMITH 1973 11278 SMITH 1973 11279 SMITH 1973 11280 BERGEN O'NEIL 1979 11290 BERGEN O'NEIL 1979 11291 BERGEN O'NEIL 1979 11292 BERGEN O'NEIL 1979 11293 BERGEN O'NEIL 1979 11294 BERGEN O'NEIL 1979 11295 BERGEN O'NEIL 1979 11296 BERGEN O'NEIL 1979 11297 BERGEN O'NEIL 1979 11298 BERGEN O'NEIL 1979 11299 BERGEN O'NEIL 1979 11299 BERGEN O'NEIL 1979 11299 BERGEN O'NEIL 1979 11303 SMITH 1973 11303 SMITH 1973	Generic Name	Specific Name	Locality	Lat. Long.
11226 BERGEN O'NEIL 1979	GAUDRYINA	ARENARIA	GULF OF ALASKA	59 35N 143 00W
11227 BERGEN O'NEIL 1979	GAUDRYINA	A RE NARIA	GULF OF ALASKA	59 35N 146 30W
11229 BERGEN O'NEIL 1979	GAUDRYINA	ARENARIA	GULF OF ALASKA	59 55N 145 40W
11230 CUSHMAN TODO 1947	GAUORYINA	ARENARIA	WASHINGTON COAST	48 32N 123 10W
11231 CUSHMAN TODO 1947 11232 COOPER 1961	GAUDRYINA	ARE NAR I A	WASHINGTON COAST	48 33N 123 00W
11233 COOPER 1961	GAUORYINA	ATLANTICA PACIFICA	OREGON COAST	43 07N 124 26W
11234 COCKBAIN 1963	GAUDRYINA	SUBGLABRATA	BRITISH COLUMBIA	48 20N 123 00W
11235 COOPER 1961	GAUDRYINA	SUBGLABRATA	OREGON COAST	43 07N 124 26W
11237 COCKBAIN 1963	GAUDRYINA	SUBGLABRATA	BRITISH COLUMBIA	48 45N 123 00W
11238 COCKBAIN 1963	GAUDRYINA	SUBGLABRATA	BRITISH COLUMBIA	48 20N 124 10W
11239 LUSHMAN 1000 1947	ANGUIODISCOPRIS	SUBGLABRATA	WASHINGTON COAST	48 32N 123 10W
11241 COOPER 1961	GLABRATELLA	LAURIEI	OREGON COAST	42 25N 124 26W
11242 SCOTT 1974	GLABRATELLA	OPERCULARIS	SAMISH-PADILLA BAYS	48 36N 122 29W
11244 BERGEN O'NEIL 1979	GLABRATELLA GLANDULINA	ORNATISSIMA LAFVIGATA	MASHINGTON COAST	48 18N 124 43W
11245 BERGEN O'NEIL 1979	GLOBOBUL IMINA	AUR I CUL ATA	GULF OF ALASKA	59 30N 143 00W
11246 BERGEN O'NEIL 1979	GLOBOBUL IMINA	AURICULATA	GULF OF ALASKA	59 30N 145 20W
11248 BERGEN O'NEIL 1979	GLOBOBUL IMINA	AURICULATA	GULF OF ALASKA	59 55N 142 25W
11249 BERGEN O'NEIL 1979	GLOBOBUL IMINA	A UR I CUL ATA	GULF OF ALASKA	59 30N 145 40W
11250 BERGEN O'NEIL 1979	GLOBOBUL IMINA	AUR I CUL ATA	GULF OF ALASKA	59 42N 144 10W
11252 COCKBAIN 1963	GLOBOBUL IMINA	AURICULATA	BRITISH COLUMBIA	48 20N 124 10W
11253 COCKBAIN 1963	GLOBOBUL IMINA	AURICULATA	BRITISH COLUMBIA	48 14N 123 30W
11254 COCKBAIN 1963 11255 COCKBAIN 1963	GLOBOBUL IMINA	AURICULATA	BRITISH COLUMBIA	49 00N 123 15W
11256 BERGEN O'NEIL 1979	GLOBOBUL IMINA	AURICULATA	GULF OF ALASKA	59 35N 143 00W
11257 BERGEN O'NEIL 1979	GLOBOBUL IMINA	AUR I CUL AT A	GULF OF ALASKA	59 45N 144 55W
11258 BERGEN O'NEIL 1979	GLOBOBUL IMINA	AURICULATA	GULF OF ALASKA	59 00N 141 20W
11260 TODD LOW 1967	GLOBOBUL IMINA	A UR I CUL AT A	EXCURSION, ALASKA	58 25N 135 30W
11261 TODD LOW 1967	GLOBOBUL IMINA	AURICULATA	KASAAN BAY, ALASKA	55 26N 132 14W
11262 1000 LOW 1967	GLOBOBUL IMINA	AURICULATA AURICULATA	TAKII HARROUR AALASKA	59 32N 142 36W
11264 SMITH 1973	GLOBOBUL 1M1NA	PACIFICA	OFF ALASKA PENINSULA	53 53N 161 40W
11265 BERGEN O'NEIL 1979	GLOBOBUL IMINA	PACIFICA	GULF OF ALASKA	59 55N 142 25W
11267 BERGEN O'NEIL 1979	GLOBOBUL IMINA	PACIFICA	GULF OF ALASKA	59 25N 145 25W
11268 BERGEN O'NEIL 1979	GLOBOBUL IMINA	PACIFICA	GULF OF ALASKA	59 30N 145 20W
11270 BERGEN O'NEIL 1979	GLOBOBUL IMINA	PACIFICA	GULF OF ALASKA	59 30N 143 00W
11271 BERGEN O'NEIL 1979	GLOBOBUL IMINA	PACIFICA	GULF OF ALASKA	59 30N 145 45W
11272 BERGEN O'NEIL 1979	GLOBOBUL IMINA	PACIFICA	GULF OF ALASKA	59 00N 141 20W
11273 BERGEN O'NEIL 1979	GLOBOBUL IMINA	PACIFICA	GULF OF ALASKA	59 30N 145 40W
11275 COCKBAIN 1963	GLOBOBUL IMINA	PACIFICA	BRITISH COLUMBIA	48 20N 123 00W
11276 SMITH 1973	GLOBOTEXTULARIA	ANCEPS GORDIALIS	OFF ALASKA PENINSULA	49 50N 160 57W
11278 SMITH 1973	GLOMOSPIRA	GORDIALIS	NORTH PACIFIC	43 47N 160 36W
11279 SMITH 1973	GLOMOSP1RA	GORDIALIS	OFF ALASKA PENINSULA	49 SON 160 57W
11280 SMITH 1975	GOESELLA	FLINTII	GULF OF ALASKA	59 32N 142 36W
11282 CUSHMAN 1910	GLOMOSP1RA	CHAROIDES	OFF OREGON	43 58N 124 36W
11285 CUSHMAN 1910 11284 TOOD LOW 1967	GLOMOSPIRA GLITTIII INA	ORIFATALIS	GULF OF ALASKA	43 38N 124 36W
11285 BERGEN O'NEIL 1979	GUT TUL I NA	PROBLEMA	GULF OF ALASKA	56 40N 151 55W
11286 BERGEN O'NEIL 1979	GYROIOINA	ALTIFORMIS	GULF OF ALASKA	59 00N 141 20W
11288 BERGEN O'NEIL 1979	GYROIDINA	ALTIFORMIS	GULF OF ALASKA	59 25N 145 25W
11289 BERGEN O'NEIL 1979	GYROIOINA	ALTIFORMIS	GULF OF ALASKA	59 30N 145 20W
11290 BERGEN O'NEIL 1979	GYROIDINA	GEMMA	GULF OF ALASKA	59 30N 145 20W
11292 BERGEN O'NEIL 1979	GYROIDINA	GEMMA	GULF OF ALASKA	59 30N 145 40W
11293 BERGEN O'NEIL 1979	GYROIDINA	GEMMA	GULF OF ALASKA	59 25N 145 25W
11294 BERGEN O'NEIL 1979	GYROIDINA GYROIDINA	GEMMA GEMMA GEMMA 10 10 10 10 10 10 10 10	GULF OF ALASKA	58 50N 141 15
11296 BERGEN O'NEIL 1979	GYROIDINA	10	GULF OF ALASKA	59 00N 141 20W
11297 BERGEN O'NEIL 1979	GYROIDINA	10	GULF OF ALASKA	59 30N 143 00W
11298 BERGEN O'NEIL 1979	GYROIDINA GYROIDINA	10	GULF OF ALASKA	59 30N 142 55W
11300 BERGEN O'NEIL 1979	GYROIDINA	10	GULF OF ALASKA	59 30N 145 20W
11301 BERGEN O'NEIL 1979	GYROIDINA	10	GULF OF ALASKA GULF OF ALASKA	59 30N 145 40W 59 30N 143 00W
11302 BERGEN O'NEIL 1979 11303 SMITH 1973	GYROIDINA GYROIOINA	L AM ARCKIANA L AM ARCKIANA	OFF ALASKA PENINSULA	49 50N 160 57W
11304 BERGEN O'NEIL 1979	GYROIDINA	ORB ICUL AR IS	GULF OF ALASKA	59 30N 143 00W
11305 WHITEAVES 1886 11306 WHITEAVES 1886	HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES	CANARIENSIS CANARIENSIS	STRAIT OF GEORGIA, B.C. OISCOVERY PASSAGE, B.C.	49 20N 124 28W 48 45N 123 33W
11307 WHITEAVES 1886	HAPLOPHRAGMOIDES	CANARIENSIS	QUATSINO SOUND, B.C.	50 37N 128 01W
11308 WHITEAVES 1886	HAPLOPHRAGMOIDES	CANARIENS 1S	QUEEN CHARLOTTE SO., B.C.	50 55N 128 00W
11309 CUSHMAN 1925 11310 CUSHMAN 1925	HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES	A DV E NUM A DV E NUM	O. CHARLOTTE SO., B.L. VIRAGO SD., B.C.	52 20N 131 00W 54 10N 132 30W
11311 CUSHMAN MCCULLOCH 1939	HAPLOPHRAGMOIDES	A DV ENUM	OFF ALASKA	59 23N 135 20W
11312 CUSHMAN TOOO 1947	HAPLOPHRAGMOIDES	A DV ENUM	WASHINGTON COAST	48 33N 123 00W
11313 CUSHMAN TOOD 1947 11314 TOOD LOW 1967	HAPLOPHRAGMO1DES HAPLOPHRAGMO10ES	A DV E NUM B RA O Y I	WASHINGTON COAST CLARENCE ST., ALASKA	48 32N 123 10W 55 21N 131 58W
11315 TOOO LOW 1967	HAPLOPHRAGMOIDES	BRADYI	KASAAN BAY, ALASKA	55 26N 132 14W
11316 SMITH 1973	HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES	CANARIENSIS CANARIENSIS	KODIAK, ALASKA OFF ALASKA PENINSULA	57 49N 152 30W 52 41N 155 36W
11317 SMITH 1973 11318 CUSHMAN 1910	HAPLOPHRAGMOIDES	CANARIENSIS	OFF OREGON	43 58N 124 36W
11319 CUSHMAN MCCULLOCH 1939	HAPLOPHRAGMOIDES	COLUMBIENSIS	OFF ALASKA SUNSET BAY, OREGON	60 30N 146 00W 43 21N 124 20W
11320 DETLING 1958	HAPLOPHRAGMOIDES	C OL UMB I ENS I S	JUNGEL DATA OKEGON	43 CIN 124 20W

1322 COSMANN TOD 1427   MARLEPHARMORISS   C.Q. WREITHASS   WISHINGTON COAST   4 3 70 123 170 100 100 100 100 100 100 100 100 100	Publication	Generic Name	Specific Name	Locality	Lat. Long.
1922 COSMANN PROCULAGE 1938  MARCHPHARODISS COLUMBERS: EFFORMAN STATES 15 270 131 132 131 132 132 132 132 132 132 132		HAPLOPHRAGMOIDES	COLUMBIENSIS	WASHINGTON COAST	48 32N 123 10W
1922 COUSMAN PROCELLECH 1939  MARLPHAROMETER COLUMN 1935				WASHINGTON COAST	48 33N 123 UUW 55 21N 131 39H
1325 CUSHAM PROCULOR 1379  ADEL OF ADEL 1379  COMPANY ADEL 1379  ADEL 1370			COLUMBIENSIS	KETCHIKAN, ALASKA	
11326 COMMAN 1021 SAT ABRECOMMENDIST COLUMNIANS COLUMNIAN COLUMNIA				OFF ALASKA	60 35N 145 44W
1322 GUIMANN (100 1977   ASSECTIONE COMPANY CARROLLES   COMPANY CA	11326 CUSHMAN 1925		COLUMBIENSIS	Q. CHARLOTTE SD., B.C.	
1912   CUSHMAN RICULLOCU 1939   CIRBOSTONIOSS   CIRBOSTONIOS				WASHINGTON COAST	
13.32   COLUMNA   NCCULICAT   1929   CRESSIONISES   SEFERISE   OF ALASSA   20.3   S. 1.5				KETCHIKAN, ALASKA	55 21N 131 39W
1932   COCKERI, 1903   MARCOPHAGNOSES		CRIBROSTOMOIDES	JEF FREYSII	OFF ALASKA	
1935   COURSEN 1962   MRPLOMBAGNOISES   BANDING   MRT   MR					
1335 STRIM 1972  CESSOSTONDISCS  THAINAMANDRA PARCERE  SULF OF ALSKAR 1975  THAINAMANDRA PARCERE  SULF OF ALSKAR 39 50 1145 500  1352 SERGER O'MEL 1979  THAINAMANDRA PARCERE  SULF OF ALSKAR 39 50 1145 500  1353 SERGER O'MEL 1979  THAINAMANDRA PARCERE  SULF OF ALSKAR 39 50 1145 500  THAINAMANDRA PARCERE  SULF OF ALSKAR AND SULF OF ALSKAR 39 50 1145 500  THAINAMANDRA PARCERE  SULF OF ALSKAR AND SULF OF ALSKAR 39 50 1145 500  THAINAMANDRA PARCERE  SULF OF					48 20N 123 00W
1335   SECRIC O THEL 1979   THALAMANAMINA   PARCENE   OUF OF ALSEA   30 481 140 000				BRITISH COLUMBIA	
1932 SECRE O MELL 1979 THALAMANAMINA PARCEASE  OUT OF ALSSA 39 200 145 200 THALAMANAMINA PARCEASE OUT OF ALSSA 30 200 145 200 THALAMANAMINA PARCEASE OUT OF ALSSA 30 200 145 200 THALAMANAMINA PARCEASE OUT OF ALSSA 30 200 145 200 THALAMANAMINA PARCEASE OUT OF ALSSA 400 145 200 THALAMANAMINA PARC					
1335   SERGER O MELL 1979	11337 BERGEN O'NEIL 1979		PARKERAE	GULF OF ALASKA	59 30N 142 55W
113.00 BEGGEN O'NELL 1979					59 25N 145 25W
1352   BERGEN O'NELL 1979					59 00N 141 20W
1332 SERGEN O'NEL 1979  TRALMARMENIAM PARCEACE  GULF O'ALÁSKA \$9 300 145 539  TRALMARMENIAM PARCEACE  GULF O'ALÁSKA \$9 301 145 500  TRALMARMENIAM GULF O'ALÁSKA \$9 301 145 500  TRALMARMENIAM GULF O'ALÁSKA \$9 301 150 500  TRALMARMENIAM GULF O'ALÁSKA \$8 202 113 500  TRALMARMENIAM GULF O'ALÁSKA \$9 200 110 500  TRALMARMENIAM GULF O'A	11341 BERGEN O'NEIL 1979	THALMANNAMMINA	PARKERAE	GULF OF ALASKA	
1336 FORD LO 1907  ***PAREMENT OF PAREMENT					
1335   TODO LOW 1097   HAPLOPHEAGNDISS   PLANISSINUM   TAXU MARBOULA SSXA 35 328 14.2 364	11344 BERGEN O'NEIL 1979			GULF OF ALASKA	59 35N 143 00W
1354   TODO LOW 1967   1979   HAPLOPHRAGNOISES   PLANSIS NUM   EXCURSION- ALASKA   38 239 133 304   13 304	11345 TODD LOW 1967	HAPLOPHRAGMOIDES	PLANISSIMUM	GULF OF ALASKA	
1313-0 FOR LOW 1907  1313-0 FO					58 UZN 134 UUW 58 25N 135 30H
11350 CLUSTAM NCCULION 1937 (RIBOROTORIOSE) SUBLICATION OF ALASKA 99 32M 1-2 36M 1-1350 CLUSTAM NCCULION 1937 (RIBOROTORIOSE) SUBLICATION OF ALASKA 99 32M 1-2 36M 1-1350 PHILEGER 1967 (PARTICLE) SUBLICATION OF ALASKA 99 32M 1-2 36M 1-1350 PHILEGER 1967 (PARTICLE) SUBLICATION OF ALASKA 99 32M 1-2 36M 1-1350 PHILEGER 1967 (PARTICLE) SUBLICATION OF ALASKA 99 32M 1-2 36M 1-2 36M 1-1350 PHILEGER 1967 (PARTICLE) PHILEGER 19					59 30N 143 00W
11352 PILEGER 1907  HAPLOPHREMOIDES SUBINVOLUTUM COOS_PAY_ORGON ANALOPHREMOIDES SUBINVOLUTUM COOS_PAY_ORGON COOS_PA	11349 TODD LOW 1967	HAPLOPHRAGMO1DES	SPHAERILOCULUS	GULF OF ALASKA	
11352 PHICEGE 1907 HAPLOPHRAGNOIDES SUBINVOLUTUR COAT'S AD, DECON 4.3 25 12 40 No. 11333 PHICEGE 1907 HAPLOPHRAGNOIDES TENUIS GRAT'S REPORT OF ALSKA 2.5 00 No. 12 5 No. 12 5 No. 12 1	11350 CUSHMAN MCCULLOCH 1939			CD 4C CD D . D C	
11355 BERGEO O'NELL 1979  11356 BERGEO O'NELL 1979  11360 BERGEO O'NELL 1979  11560 BERGEO O'NELL 1979  11570 BERGEO O'NEL				COOS, BAY, OREGON	43 25N 124 08W
11355 BERGEO O'NELL 1979  11356 BERGEO O'NELL 1979  11360 BERGEO O'NELL 1979  11560 BERGEO O'NELL 1979  11570 BERGEO O'NEL		HAPLOPHRAGMOIDES	SUBINVOLUTUM	GRAY'S HARBOUR, WASH.	
11355 BERGEN O'NEIL 1979  HOSGLUNDINA ELEGAMS  OFF ALASKA PERINSULA  33 337 101 4 GU  11315 SMITH 1973  HOSGLUNDINA ELEGAMS  OFF ALASKA PERINSULA  33 337 101 4 GU  33 137 101 4 GU  33 137 101 4 GU  34 101 1073  HOSGLUNDINA ELEGAMS  OFF ALASKA PERINSULA  40 501 100 574  1130 SMITH 1973  HYPERAMINA  CYLINDRICA  GF ALASKA PERINSULA  40 501 100 574  1130 SMITH 1973  HYPERAMINA  ELORGATA  GULF OF ALASKA PERINSULA  40 501 100 574  HYPERAMINA  ELORGATA  GULF OF ALASKA PERINSULA  50 301 101 574  HYPERAMINA  ELORGATA  GULF OF ALASKA  50 301 112 504  HYPERAMINA  ELORGATA  GULF OF ALASKA  50 301 112 504  HYPERAMINA  ELORGATA  GULF OF ALASKA  50 301 113 505  BERGEN O'NEIL 1979  HYPERAMINA  ELORGATA  GULF OF ALASKA  50 301 113 505  BERGEN O'NEIL 1979  HYPERAMINA  ELORGATA  GULF OF ALASKA  50 301 113 505  BERGEN O'NEIL 1979  HYPERAMINA  ELORGATA  GULF OF ALASKA  50 301 114 504  HYPERAMINA  ELORGATA  GULF OF ALASKA  50 301 114 504  HYPERAMINA  ELORGATA  GULF OF ALASKA  50 301 115 504  HYPERAMINA  ELORGATA  GULF OF ALASKA  50 301 115 504  HYPERAMINA  ELORGATA  GULF OF ALASKA  50 301 115 204  HYPERAMINA  ELORGATA  GULF OF ALASKA  50 301 115 204  HYPERAMINA  ELORGATA  GULF OF ALASKA  50 301 115 204  HYPERAMINA  ELORGATA  GULF OF ALASKA  50 301 115 204  HYPERAMINA  ELORGATA  GULF OF ALASKA  50 301 115 204  HYPERAMINA  ELORGATA  GULF OF ALASKA  50 301 115 204  HYPERAMINA  ELORGATA  GULF OF ALASKA  50 301 115 204  HYPERAMINA  ELORGATA  GULF OF ALASKA  50 301 115 204  HYPERAMINA  ELORGATA  GULF OF ALASKA  50 301 115 204  HYPERAMINA  ELORGATA  GULF OF ALASKA  50 301 115 204  HYPERAMINA  ELORGATA  GULF OF ALASKA  50 301 115 204  HYPERAMINA  ELORGATA  GULF OF ALASKA  50 301 115 204  HYPERAMINA  ELORGATA  GULF OF ALASKA  50 301 115 204  HYPERAMINA  ELORGATA  GULF OF ALASKA  50 301 115 204  HYPERAMINA  ELORGATA  GULF OF ALASKA  50 301 115 204  HYPERAMINA  ELORGATA  GULF OF ALASKA  50 301 115 204  HYPERAMINA  ELORGATA  GULF OF ALASKA  50 301 115 204  HYPERAMINA  ELORGATA  GULF OF ALASKA  50 301 115 204  HYPERAMINA  ELORGATA  GULF OF ALASK				OFF OREGON	
11357 SMITH 1973  HOGGLUNDINA ELEGANS  OFF ALASKA PENINSULA 53 53N 161 COUNTING  FIRST SMITH 1973  HOGGLUNDINA ELEGANS  OFF ALASKA PENINSULA 60 30N 160 57M  HOGGLUNDINA ELEGANS  OFF ALASKA PENINSULA 60 30N 160 57M  HOGGLUNDINA CLUNDRICA  OFF ALASKA PENINSULA 60 50N 160 57M  HOGGLUNDINA CLUNDRICA  OFF ALASKA PENINSULA 60 50N 160 57M  HOGGLUNDINA CLUNDRICA  OFF ALASKA PENINSULA 60 50N 160 57M  HOGGLUNDINA CLUNDRICA  OFF ALASKA PENINSULA 60 50N 160 100 57M  HOGGLUNDINA CLUNDRICA  OFF ALASKA PENINSULA 60 50N 160 100 57M  HOGGLUNDINA CLUNDRICA  OFF ALASKA PENINSULA 60 50N 160 100 100 100 100 100 100 100 100 100					
11350 SMITH 1973 HPERAMMINA CYLINDRICA OF ALASKA PENINSULA 49 50N 100 574 11360 SMITH 1973 HPERAMMINA CYLINDRICA OFF ALASKA PENINSULA 49 50N 100 574 11360 SMITH 1973 HPERAMMINA CYLINDRICA OFF ALASKA PENINSULA 48 61M 161 074 11360 SMITH 1973 HPERAMMINA CYLINDRICA OFF ALASKA PENINSULA 48 61M 161 074 11360 SMITH 1979 HPERAMMINA ELONGATA OUF OF ALASKA 59 30N 142 53N 11364 BERGEN O'NELL 1979 HPERAMMINA ELONGATA OUF OF ALASKA 59 30N 142 53N 11365 BERGEN O'NELL 1979 HPERAMMINA ELONGATA OUF OF ALASKA 59 30N 142 53N 11365 BERGEN O'NELL 1979 HPERAMMINA ELONGATA OUF OF ALASKA 59 30N 142 11365 BERGEN O'NELL 1979 HPERAMMINA ELONGATA OUF OF ALASKA 59 30N 142 11366 BERGEN O'NELL 1979 HPERAMMINA ELONGATA OUF OF ALASKA 59 30N 142 11366 BERGEN O'NELL 1979 HPERAMMINA ELONGATA OUF OF ALASKA 59 30N 142 11366 SMITH 1973 HPERAMMINA FRIABILIS OFF ALASKA PENINSULA 9 50N 160 57N 11366 SMITH 1973 HPERAMMINA FRIABILIS OFF ALASKA PENINSULA 9 50N 160 57N 11366 SMITH 1973 HPERAMMINA FRIABILIS OFF ALASKA PENINSULA 9 52 41N 155 34N 11370 COKERAIN 1963 AMMODISCUS OULHARRENSIS BRITISH COLUMBIA 48 45N 123 00N 11377 COKERAIN 1963 AMMODISCUS OULHARRENSIS BRITISH COLUMBIA 48 45N 123 00N 11377 COKERAIN 1963 AMMODISCUS OULHARRENSIS BRITISH COLUMBIA 48 20N 124 10N 11377 COKERAIN 1963 AMMODISCUS OULHARRENSIS BRITISH COLUMBIA 48 20N 124 10N 11377 COKERAIN 1963 AMMODISCUS OULHARRENSIS BRITISH COLUMBIA 48 20N 124 10N 11377 COKERAIN 1963 AMMODISCUS OULHARRENSIS BRITISH COLUMBIA 48 20N 124 10N 11377 COKERAIN 1963 AMMODISCUS OULHARRENSIS BRITISH COLUMBIA 48 20N 124 10N 11377 COKERAIN 1963 AMMODISCUS OULHARRENSIS BRITISH COLUMBIA 48 20N 124 10N 11377 COKERAIN 1963 AMMODISCUS OULHARRENSIS BRITISH COLUMBIA 48 20N 124 10N 11377 COKERAIN 1963 AMMODISCUS OULHARRENSIS BRITISH COLUMBIA 48 20N 124 10N 11377 COKERAIN 1963 AMMODISCUS OULHARRENSIS BRITISH COLUMBIA 48 20N 124 10N 11377 COKERAIN 1963 AMMODISCUS OULHARRENSIS BRITISH COLUMBIA 48 20N 124 10N 11377 COKERAIN 1963 AMMODISCUS OULHARRENSIS BRITISH COLUMBIA 48 20N 124 10N 11377 COKERAIN 1963 AMMODISCUS OULHARRENSIS	11357 SMITH 1973	HOEGLUNDINA	ELEGANS	OFF ALASKA PENINSULA	
11365 SMITH 1973  HYPERAMNINA CYLINDRICA OFF ALASKA PENINSULA 4,9 50N 100 57V 11362 TODD LOW 1967 HYPERAMNINA ELONGATA GULF OF ALASKA 59 32N 142 26W 11365 BERGEN O'NELL 1979 HYPERAMNINA ELONGATA GULF OF ALASKA 59 32N 142 26W 11365 BERGEN O'NELL 1979 HYPERAMNINA ELONGATA GULF OF ALASKA 59 30N 143 20W 11366 BERGEN O'NELL 1979 HYPERAMNINA ELONGATA GULF OF ALASKA 59 30N 143 20W 11366 BERGEN O'NELL 1979 HYPERAMNINA ELONGATA GULF OF ALASKA 59 30N 143 20W 11366 BERGEN O'NELL 1979 HYPERAMNINA ELONGATA GULF OF ALASKA 59 30N 143 20W 11366 BERGEN O'NELL 1979 HYPERAMNINA ELONGATA GULF OF ALASKA 59 30N 143 20W 11366 BERGEN O'NELL 1979 HYPERAMNINA ELONGATA GULF OF ALASKA 59 30N 143 20W 11366 BERGEN O'NELL 1979 HYPERAMNINA ELONGATA GULF OF ALASKA 59 30N 143 20W 11366 BERGEN O'NELL 1979 HYPERAMNINA ELONGATA GULF OF ALASKA 59 30N 143 20W 11367 BERGEN O'NELL 1979 HYPERAMNINA ELONGATA GULF OF ALASKA 59 30N 143 20W 11367 BERGEN O'NELL 1979 HYPERAMNINA ELONGATA GULF OF ALASKA 59 30N 143 20W 11367 BERGEN O'NELL 1979 HYPERAMNINA ELONGATA GULF OF ALASKA 59 30N 143 20W 11367 BERGEN O'NELL 1979 HYPERAMNINA ELONGATA GULF OF ALASKA 59 30N 143 20W 11367 BERGEN O'NELL 1979 HYPERAMNINA ELONGATA GULF OF ALASKA 59 30N 143 20W 11367 BERGEN O'NELL 1979 HYPERAMNINA ELONGATA GULF OF ALASKA 59 30N 143 20W 11370 COKBAIN 1963 AMMODISCUS GULHARENSIS BRITISH COLUMBIA 48 45N 123 30W 11371 COKBAIN 1963 AMMODISCUS GULHARENSIS BRITISH COLUMBIA 49 30N 140 31W 11372 SMITH 1973 AMMODISCUS GULHARENSIS BRITISH COLUMBIA 49 30N 140 50W 11372 SMITH 1973 AMMODISCUS GULHARENSIS BRITISH COLUMBIA 49 30N 140 50W 11372 SMITH 1973 AMMODISCUS GULHARENSIS BRITISH COLUMBIA 49 30N 140 50W 11372 SMITH 1973 AMMODISCUS GULHARENSIS BRITISH COLUMBIA 49 30N 140 13W 11375 SMITH 1973 AMMODISCUS GULHARENSIS BRITISH COLUMBIA 49 30N 140 13W 11372 SMITH 1973 AMMODISCUS GULHARENSIS BRITISH COLUMBIA 49 30N 140 13W 11372 SMITH 1973 AMMODISCUS GULHARENSIS BRITISH COLUMBIA 49 30N 140 13W 11372 SMITH 1973 AMMODISCUS GULHARENSIS BRITISH COLUMBIA 49 30N 140 140 140 140 140 140 140 140 140 140					
11363 BERGEN O'NELL 1979 HYPERANMINA ELONGATA GULF OF ALASKA 59 32N 142 35N 11363 BERGEN O'NELL 1979 HYPERANMINA ELONGATA GULF OF ALASKA 37 30N 142 35N 11364 BERGEN O'NELL 1979 HYPERANMINA ELONGATA GULF OF ALASKA 37 30N 142 35N 11365 BERGEN O'NELL 1979 HYPERANMINA ELONGATA GULF OF ALASKA 37 30N 143 25N 11365 BERGEN O'NELL 1979 HYPERANMINA ELONGATA GULF OF ALASKA 37 30N 143 25N 11365 BERGEN O'NELL 1979 HYPERANMINA FILONGATA GULF OF ALASKA 59 30N 143 20N 11366 BERGEN O'NELL 1979 HYPERANMINA FILONGATA GULF OF ALASKA 59 30N 143 20N 11366 BERGEN O'NELL 1979 HYPERANMINA FILONGATA GULF OF ALASKA PENINSULA 47 50N 100 37N 11360 SNITH 1973 HYPERANMINA FILONGATA GULF OF ALASKA PENINSULA 52 41N 155 36N 11370 COXERAIN 1963 AMRODISCUS GULHARENSIS BEITISH COLUMBIA 46 45 NN 123 00N 11377 COXERAIN 1963 AMRODISCUS GULHARENSIS BEITISH COLUMBIA 48 16N 123 15N 11375 COXERAIN 1963 AMRODISCUS GULHARENSIS BEITISH COLUMBIA 48 16N 123 15N 11375 COXERAIN 1963 AMRODISCUS GULHARENSIS BEITISH COLUMBIA 48 16N 123 15N 11375 COXERAIN 1963 AMRODISCUS GULHARENSIS BEITISH COLUMBIA 48 16N 123 15N 11375 COXERAIN 1963 AMRODISCUS GULHARENSIS BEITISH COLUMBIA 48 16N 123 15N 11375 COXERAIN 1963 AMRODISCUS GULHARENSIS BEITISH COLUMBIA 48 16N 123 15N 11375 COXERAIN 1963 AMRODISCUS TENUIS OF ALASKA PENINSULA 49 50N 160 57N 11375 SNITH 1973 AMRODISCUS TENUIS OF ALASKA PENINSULA 49 50N 160 57N 11375 SNITH 1973 AMRODISCUS TENUIS OF ALASKA PENINSULA 49 50N 160 57N 11375 SNITH 1973 AMRODISCUS TENUIS OF ALASKA PENINSULA 49 50N 160 57N 11375 SNITH 1973 AMRODISCUS TENUIS OF ALASKA PENINSULA 49 50N 160 57N 11375 SNITH 1973 AMRODISCUS TENUIS OF ALASKA PENINSULA 49 50N 160 57N 11375 SNITH 1973 AMRODISCUS TENUIS OF ALASKA PENINSULA 49 50N 160 57N 11375 SNITH 1973 AMRODISCUS TENUIS OF ALASKA PENINSULA 49 50N 160 57N 11375 SNITH 1973 AMRODISCUS TENUIS OF ALASKA PENINSULA 49 50N 160 57N 11375 SNITH 1973 AMRODISCUS TENUIS OF ALASKA PENINSULA 49 50N 160 57N 11375 SNITH 1973 AMRODISCUS TENUIS OF ALASKA PENINSULA 49 50N 160 57N 11375 SNITH 1973 AMRODISCUS TENUIS OF ALASKA P					49 50N 160 57W
11366 BERGEN O'NELL 1979 HYPERANMINA ELONGATA GULF OF ALASKA 59 30M 142 55M 11366 BERGEN O'NELL 1979 HYPERANMINA ELONGATA GULF OF ALASKA 59 25N 145 55M 11366 BERGEN O'NELL 1979 HYPERANMINA ELONGATA GULF OF ALASKA 59 25N 145 25M 143 25M 11366 BERGEN O'NELL 1979 HYPERANMINA ELONGATA GULF OF ALASKA 59 30M 142 55M 11366 BERGEN O'NELL 1979 HYPERANMINA ELONGATA GULF OF ALASKA 59 30M 142 50M 11366 BERGEN O'NELL 1979 HYPERANMINA ELONGATA GULF OF ALASKA FENINSULA 49 50M 140 25M 11366 BRIT 1973 HYPERANMINA FRIABILIS OFF ALASKA FENINSULA 49 50M 160 57M 11369 SHIT 1973 HYPERANMINA FRIABILIS OFF ALASKA FENINSULA 49 50M 160 57M 11370 COKRAIN 1963 AMMODISCUS GULHARENSIS BRITISH COLUMBIA 48 54M 173 00M 11371 COKRAIN 1963 AMMODISCUS GULHARENSIS BRITISH COLUMBIA 48 54M 173 00M 11372 COKRAIN 1963 AMMODISCUS GULHARENSIS BRITISH COLUMBIA 49 50M 123 35M 11377 COKRAIN 1963 AMMODISCUS GULHARENSIS BRITISH COLUMBIA 49 50M 123 35M 11377 COKRAIN 1963 AMMODISCUS GULHARENSIS BRITISH COLUMBIA 49 50M 123 35M 11377 SMITH 1973 AMMODISCUS GULHARENSIS BRITISH COLUMBIA 49 50M 160 57M 11375 SMITH 1973 AMMODISCUS TENUIS OFF ALASKA PENINSULA 49 50M 160 57M 11375 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 49 50M 160 57M 11375 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 49 50M 160 57M 11375 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 49 50M 160 57M 11376 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 33 16M 161 33M 11377 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 30 16M 161 35M 11375 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 30 16M 161 35M 11375 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 30 16M 160 57M 11376 SMITH 1979 KARRENELLA BACCATA GULF OF ALASKA PENINSULA 30 16M 161 37M 11376 SMITH 1979 KARRENELLA BACCATA GULF OF ALASKA 50 50M 123 00M 11388 BERGEN O'NELL 1979 KARRENELLA BACCATA GULF OF ALASKA 50 50M 123 00M 11388 BERGEN O'NELL 1979 KARRENELLA BACCATA GULF OF ALASKA 50 50M 123 50M 11388 BERGEN O'NELL 1979 KARRENELLA BACCATA GULF OF ALASKA 50 50M 123 50M 11388 BERGEN O'NELL 1979 KARRENELLA BACCATA GULF OF ALASKA 50 50					
11365 BERGEN O'NELL 1979 HYPERANNINA ELONGATA GULF OF ALASKA 59 25N 14.5 25N 11365 BERGEN O'NELL 1979 HYPERANNINA ELONGATA GULF OF ALASKA 59 20N 143 011365 BERGEN O'NELL 1979 HYPERANNINA ELONGATA GULF OF ALASKA 59 20N 143 011367 BERGEN O'NELL 1979 HYPERANNINA ELONGATA GULF OF ALASKA 59 20N 143 01137 11367 BERGEN O'NELL 1979 HYPERANNINA ELONGATA GULF OF ALASKA 59 20N 143 01137 11367 BERGEN O'NELL 1979 HYPERANNINA ELONGATA GULF OF ALASKA 59 20N 143 20N					
11360 BERGEN O'NEIL 1979 HYPERAMMINA ELONGATA GULF OF ALASKA 59 30M 145 20M 11368 BERGEN O'NEIL 1979 HYPERAMMINA ELONGATA GULF OF ALASKA 59 00M 145 20M 11360 SMITH 1973 HYPERAMMINA FRIABILIS OFF ALASKA PENINSULA 49 50M 160 37M 11360 SMITH 1973 HYPERAMMINA FRIABILIS OFF ALASKA PENINSULA 49 50M 160 37M 11360 SMITH 1973 HYPERAMMINA FRIABILIS OFF ALASKA PENINSULA 52 41M 1575 36M 11370 COKERAIN 1903 AMMODISCUS GULMARENSIS BRITISH COLUMBIA 48 5M 122 31M 11372 COKERAIN 1903 AMMODISCUS GULMARENSIS BRITISH COLUMBIA 48 5M 122 31M 11372 COKERAIN 1903 AMMODISCUS GULMARENSIS BRITISH COLUMBIA 49 00M 123 15M 11374 COKERAIN 1903 AMMODISCUS GULMARENSIS BRITISH COLUMBIA 49 00M 123 15M 11374 COKERAIN 1903 AMMODISCUS GULMARENSIS BRITISH COLUMBIA 48 16M 123 15M 11374 COKERAIN 1903 AMMODISCUS GULMARENSIS BRITISH COLUMBIA 48 16M 123 15M 11377 COKERAIN 1903 AMMODISCUS GULMARENSIS BRITISH COLUMBIA 48 16M 123 15M 11377 COKERAIN 1903 AMMODISCUS GULMARENSIS BRITISH COLUMBIA 48 16M 123 15M 11377 COKERAIN 1903 AMMODISCUS TENUIS OFF ALASKA PENINSULA 49 50M 160 37M 11370 SMITH 1973 AMMODISCUS TENUIS OFF ALASKA PENINSULA 49 50M 160 37M 11377 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 33 16M 160 37M 11377 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 32 16M 160 37M 11379 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 48 61M 161 33M 11379 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 48 61M 161 37M 11379 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 48 61M 161 37M 11379 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 48 61M 161 37M 11380 PHLEGER 1967 JACOMELLA ACUTA OFF ALASKA PENINSULA 48 61M 161 37M 11379 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 48 61M 161 37M 11379 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 48 61M 161 37M 11379 SMITH 1973 JACULELLA ACUTA OFF ALASKA SO 10M 161 37M 11379 SMITH 1973 JACULELLA ACUTA OFF ALASKA SO 10M 161 37M 11379 SMITH 1979 KARRENTELLA BACCATA GULFO PALASKA SO 10M 161 37M 11380 PHEGER 1967 JACOMER PEREMBANA PAUL 1979 KARRENTELLA BACCATA GULFO PALASKA SO 10M 162 10M 11380 PHEGER 1967 VERLE	11364 BERGEN O'NEIL 1979			GULF OF ALASKA	59 25N 145 25W
11366 STRIT 1973 HYPERAMMINA FRIABILIS OFF ALASKA PENINSULA 49 SON 160 STN 11360 STRIT 1973 HYPERAMMINA FRIABILIS OFF ALASKA PENINSULA 49 SON 160 STN 11370 COKERAIN 1863 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 48 SON 123 SON 11377 COKERAIN 1863 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 48 SON 123 SON 11377 COKERAIN 1863 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 48 SON 123 SON 11377 COKERAIN 1863 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 48 SON 123 SON 11377 COKERAIN 1863 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 48 SON 123 SON 11377 SON 111 1973 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 48 SON 123 SON 11377 SON 111 1973 AMMODISCUS FENUIS OFF ALASKA PENINSULA 49 SON 1610 STN 11376 SHITH 1973 AMMODISCUS FENUIS OFF ALASKA PENINSULA 53 SON 1610 STN 11377 SHITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 53 SON 1610 STN 11378 SHITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 53 SON 1610 STN 11378 SHITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 53 SON 1610 STN 11387 SHITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 53 SON 1610 STN 11387 SHITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 53 SON 1610 STN 11387 SHITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 53 SON 1610 STN 11387 SHITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 53 SON 1610 STN 11387 SHITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 53 SON 1610 STN 11387 SHITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 53 SON 1610 STN 11387 SHITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 53 SON 1610 STN 11387 SHITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 53 SON 1610 STN 11387 SHITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 53 SON 1610 STN 11377 SHITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 53 SON 1610 STN 11377 SHITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 53 SON 1610 STN 11377 SHITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 53 SON 1610 STN 11377 SHITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 53 SON 1610 STN 11377 SHITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 53 SON 1610 STN 11377 SHITH 1973 JACULELLA ACUTA OFF ALASKA OFF ALASKA OFF ALASKA OFF ALASKA OFF ALASKA OFF ALASKA OFF AL	11365 BERGEN O'NEIL 1979			GULF OF ALASKA	
11369 SHITH 1973 HYPERAMMINA FRIABILIS OF ALASKA PERINSULA 129 ON 160 57V 11367 OCK BAIN 1963 AMMODISCUS GUL HARRENSIS BRITISH COLUMBIA 46 45N 123 00N 11372 COK BAIN 1963 AMMODISCUS GUL HARRENSIS BRITISH COLUMBIA 47 00N 123 15V 11373 COK BAIN 1963 AMMODISCUS GUL HARRENSIS BRITISH COLUMBIA 48 45N 123 00N 11372 COK BAIN 1963 AMMODISCUS GUL HARRENSIS BRITISH COLUMBIA 48 16N 123 15N 11375 COK BAIN 1963 AMMODISCUS GUL HARRENSIS BRITISH COLUMBIA 48 16N 123 15N 11376 COK BAIN 1963 AMMODISCUS GUL HARRENSIS BRITISH COLUMBIA 48 16N 123 15N 11377 COK BAIN 1963 AMMODISCUS GUL HARRENSIS BRITISH COLUMBIA 48 16N 123 15N 11377 COK BAIN 1963 AMMODISCUS GUL HARRENSIS BRITISH COLUMBIA 48 16N 123 15N 11377 COK BAIN 1973 AMMODISCUS GUL HARRENSIS BRITISH COLUMBIA 48 16N 123 15N 11376 SHITH 1973 AMMODISCUS GUL HARRENSIS BRITISH COLUMBIA 49 00N 160 57N 11376 SHITH 1973 ARMODISCUS GUL HARRENSIS BRITISH COLUMBIA 49 00N 160 57N 11377 SHITH 1973 ARMODISCUS GUL HARRENSIS BRITISH COLUMBIA 49 00N 160 57N 11377 SHITH 1973 ARMODISCUS GUL HARRENSIS BRITISH COLUMBIA 49 00N 160 57N 11377 SHITH 1973 ARMODISCUS GUL HARRENSIS BRITISH COLUMBIA 49 00N 160 57N 11378 SHITH 1973 ARMODISCUS GUL HARRENSIS BRITISH COLUMBIA 49 00N 160 57N 11379 SHITH 1973 ARMODISCUS GUL HARRENSIS BRITISH COLUMBIA 49 00N 160 57N 11378 SHITH 1973 ARMODISCUS GUL HARRENSIS BRITISH COLUMBIA 49 00N 160 57N 11378 SHITH 1973 ARMODISCUS GUL HARRENSIS BRITISH COLUMBIA 49 00N 160 57N 11378 SHITH 1973 ARMODISCUS GUL HARRENSIS BRITISH COLUMBIA 49 00N 160 57N 11378 SHITH 1973 ARMODISCUS GUL HARRENSIS BRITISH COLUMBIA 49 00N 160 57N 11378 SHITH 1973 ARMODISCUS GUL HARRENSIS BRITISH COLUMBIA 49 00N 160 57N 11378 SHITH 1973 ARMODISCUS GUL HARRENSIS BRITISH COLUMBIA 49 00N 160 57N 11378 SHITH 1973 ARMODISCUS GUL HARRENSIS BRITISH COLUMBIA 40 00N 160 57N 11378 SHITH 1979 ARMODISCUS GUL HARRENSIS BRITISH COLUMBIA 40 00N 160 57N 11378 SHITH 1979 ARMODISCUS GUL HARRENSIS BRITISH COLUMBIA 40 00N 160 57N 11378 SHITH 1979 ARMODISCUS GUL HARRENSIS BRITISH COLUMBIA 40 00N 160 57N 11378 SHITH 1970 ARMO					
11370 COCKBAIN 1903 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 49 55N 123 00W 11372 COCKBAIN 1903 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 49 00N 123 15W 11373 COCKBAIN 1903 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 40 00N 123 15W 11374 COCKBAIN 1903 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 40 00N 123 15W 11375 COCKBAIN 1903 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 48 20N 124 10W 11376 COCKBAIN 1903 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 48 20N 124 10W 11376 COCKBAIN 1903 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 48 20N 124 10W 11376 COCKBAIN 1903 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 48 20N 124 10W 11376 COCKBAIN 1903 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 48 20N 124 10W 11376 COCKBAIN 1903 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 48 20N 124 10W 11376 COCKBAIN 1903 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 48 20N 124 10W 11376 COCKBAIN 1903 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 48 20N 124 10W 11376 COCKBAIN 1903 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 48 20N 124 10W 11377 COCKBAIN 1903 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 48 20N 124 10W 11377 COCKBAIN 1903 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 48 20N 124 10W 11377 COCKBAIN 1903 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 48 20N 124 10W 11377 COCKBAIN 1903 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 48 20N 124 10W 11377 COCKBAIN 1903 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 48 20N 124 10W 11378 COCKBAIN 1903 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 48 20N 124 10W 11378 COCKBAIN 1903 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 48 20N 124 10W 11378 COCKBAIN 1903 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 48 20N 124 10W 11378 COCKBAIN 1903 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 48 20N 124 10W 11378 COCKBAIN 1903 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 48 20N 124 10W 11378 COCKBAIN 1903 AMMODISCUS GULL MARENSIS BRITISH COLUMBIA 48 20N 124 10W 11378 COCKBAIN 1903 AMMODISCUS GULL MARENSIS COLUMBIA 1903 AMMODI	11368 SMITH 1973	HYPERAMMINA	FRIABILIS	OFF ALASKA PENINSULA	49 50N 160 57W
11371 COCKBAIN 1963 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 4,9 15M 123 35W 11373 COCKBAIN 1963 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 4,9 00M 123 15W 11374 COCKBAIN 1963 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 4,8 14M 123 35M 11374 COCKBAIN 1963 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 4,8 14M 123 35M 11374 COCKBAIN 1963 AMMODISCUS TENUIS BRITISH COLUMBIA 4,8 20M 124 10M 1375 SMITH 1973 AMMODISCUS TENUIS OFF ALASKA PENINSULA 4,9 50M 160 57M 1376 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 35 16M 161 33W 11376 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 35 16M 161 33W 11377 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 35 16M 161 33W 11377 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 35 16M 161 33W 11376 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 4,8 61M 161 07M 133W 11387 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 4,8 61M 161 07M 133W 11387 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 4,8 61M 161 07M 133B PHLEGER 1967 JADAMHINA POLYSTOMA GRAY'S HARBOUR, MASH. 4,7 00M 124 08M 11382 PHLEGER 1967 JADAMHINA POLYSTOMA GRAY'S HARBOUR, MASH. 4,7 00M 124 08M 11383 PHLEGER 1967 JADAMHINA POLYSTOMA FRASER R., B.C. 4,9 05M 123 06M 11384 BERGER 0 "WELL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35M 145 05M 11385 BERGEN 0 "WELL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35M 145 05M 11385 BERGEN 0 "WELL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35M 145 05M 11387 BERGEN 0 "WELL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35M 145 05M 11390 BERGEN 0 "WELL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35M 146 05M 11390 BERGEN 0 "WELL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35M 146 05M 11390 BERGEN 0 "WELL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35M 146 05M 11390 BERGEN 0 "WELL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35M 146 05M 11390 BERGEN 0 "WELL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35M 146 05M 11390 BERGEN 0 "WELL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35M 146 05M 11390 BERGEN 0 "WELL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35M 146 05M 11390 BERGEN 0 "WELL 1979 KARRERIELLA BAC					
11373 COCKBAIN 1963 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 4,9 00M 123 15M 11374 COCKBAIN 1963 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 4,8 14M 123 30M 11374 COCKBAIN 1963 AMMODISCUS GULLMARENSIS BRITISH COLUMBIA 4,8 20M 124 10M 11375 SMITH 1973 AMMODISCUS TENUIS OFF ALASKA PENINSULA 4,9 50M 160 57M 11375 SMITH 1973 AMMODISCUS TENUIS OFF ALASKA PENINSULA 3,3 16M 161 33M 11377 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 3,3 16M 161 33M 11377 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 4,9 50M 160 57M 11376 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 4,9 50M 160 57M 11376 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 4,9 50M 160 57M 11376 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 4,9 50M 160 57M 11376 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 4,9 50M 160 57M 11376 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 4,9 50M 160 57M 11376 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 4,9 50M 160 57M 11376 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 4,9 50M 160 57M 11376 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 4,9 50M 124 08M 11385 PMLEGER 1967 JACOMMINA POLYSTOMA GRAY'S KARBONINSULA 4,7 00M 124 08M 11383 PMLEGER 1967 JACOMMINA POLYSTOMA GRAY'S KARBONINSULA 4,7 00M 124 08M 11383 PMLEGER 1967 JACOMMINA POLYSTOMA COOS, BAY, OREGON 4,3 25M 124 08M 11385 BERGER 0 '*NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 30M 165 40M 11386 BERGEN 0 'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35M 163 00M 11388 BERGEN 0 'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35M 163 00M 11388 BERGEN 0 'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 55M 164 50M 11389 BERGEN 0 'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 55M 164 50M 11389 BERGEN 0 'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 55M 164 50M 11389 BERGEN 0 'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 55M 164 50M 11399 BERGEN 0 'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 55M 164 50M 11399 BERGEN 0 'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35M 164 50M 11399 BERGEN 0 'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59					
11375 SMITH 1973 AMMODISCUS TENUIS OFF ALASKA PENINSULA 49 50N 160 57N 11375 SMITH 1973 AMMODISCUS TENUIS OFF ALASKA PENINSULA 53 16N 161 37N 11377 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 53 16N 161 33N 11377 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 69 50N 160 37N 11377 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 69 50N 160 37N 11379 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 69 50N 160 57N 11379 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 69 50N 160 57N 11389 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 69 50N 160 57N 11389 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 69 50N 160 57N 1388 PHIGER 1967 JADAMHINA POLISTOMA GRAY'S HARBOUR WASH. 47 00N 124 08W 11382 PHIGER 1967 JADAMHINA POLISTOMA GRAY'S HARBOUR WASH. 47 00N 124 08W 11382 PHIGER 1967 JADAMHINA POLISTOMA GRAY'S HARBOUR WASH. 47 00N 124 08W 11385 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35N 163 05W 11385 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35N 163 05W 11385 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35N 164 50W 11386 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35N 164 50W 11386 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35N 164 50W 11389 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35N 164 50W 11389 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35N 164 50W 11389 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35N 164 50W 11389 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35N 164 50W 11390 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35N 164 50W 11390 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35N 164 50W 11390 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35N 164 50W 11390 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35N 164 50W 11390 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35N 164 50W 11390 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35N 164 50W 11390 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35N 164 50W	11372 COCKBAIN 1963	AMMODISCUS	GULLMARENSIS		
11375 SMITH 1973 AMMODISCUS TENUIS OFF ALASKA PENINSULA 49 50N 160 57N 1737 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 53 16M 161 33W 11378 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 69 50N 160 57N 11378 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 69 50N 160 57N 11379 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 69 50N 160 57N 11380 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 62 41N 155 36M 161 33W 11380 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 68 61N 161 07N 11380 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 68 61N 161 07N 11380 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 68 61N 161 07N 11380 SMITH 1973 JACULELLA ACUTA OFF ALASKA PENINSULA 68 61N 161 07N 11381 PHLEGER 1967 JADAMMINA POLYSTOMA GRAY'S HARBOUR, WASH. 47 00N 124 08M 11382 PHLEGER 1967 JADAMMINA POLYSTOMA COOS, BAT, OREGON 43 25N 124 08W 11384 BERGER 0 'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 30N 145 40W 11385 BERGER 0 'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 58 35N 138 15N					
11377 SMITH 1973  JACULELLA ACUTA OFF ALASKA PENINSULA 45 DON 160 57V  11379 SMITH 1973  JACULELLA ACUTA OFF ALASKA PENINSULA 45 DON 160 57V  11380 SMITH 1973  JACULELLA ACUTA OFF ALASKA PENINSULA 45 DON 160 57V  11381 PHLEGER 1967  JACAMBINA POLYSTOMA GRAY'S HARBOUR, WASH. 47 DON 124 08W  11382 PHLEGER 1967  JACAMBINA POLYSTOMA GRAY'S HARBOUR, WASH. 47 DON 124 08W  11383 PHLEGER 1967  JACAMBINA POLYSTOMA GRAY'S HARBOUR, WASH. 47 DON 124 08W  11384 BERGEN O'NEIL 1979  KARRERIELLA BACCATA GULF OF ALASKA 59 30N 145 40W  11385 BERGEN O'NEIL 1979  KARRERIELLA BACCATA GULF OF ALASKA 59 30N 145 40W  11386 BERGEN O'NEIL 1979  KARRERIELLA BACCATA GULF OF ALASKA 59 42N 144 10W  11387 BERGEN O'NEIL 1979  KARRERIELLA BACCATA GULF OF ALASKA 59 42N 144 10W  11388 BERGEN O'NEIL 1979  KARRERIELLA BACCATA GULF OF ALASKA 59 45N 144 55W  11390 BERGEN O'NEIL 1979  KARRERIELLA BACCATA GULF OF ALASKA 59 55N 142 55W  11391 BERGEN O'NEIL 1979  KARRERIELLA BACCATA GULF OF ALASKA 59 55N 142 55W  11393 BERGEN O'NEIL 1979  KARRERIELLA BACCATA GULF OF ALASKA 59 55N 142 52W  11393 BERGEN O'NEIL 1979  KARRERIELLA BACCATA GULF OF ALASKA 59 55N 142 52W  11393 BERGEN O'NEIL 1979  KARRERIELLA BACCATA GULF OF ALASKA 59 55N 142 52W  11393 BERGEN O'NEIL 1979  KARRERIELLA BACCATA GULF OF ALASKA 59 55N 142 52W  11393 BERGEN O'NEIL 1979  KARRERIELLA BACCATA GULF OF ALASKA 59 55N 142 52W  11393 BERGEN O'NEIL 1979  KARRERIELLA BACCATA GULF OF ALASKA 59 55N 142 52W  11393 BERGEN O'NEIL 1979  KARRERIELLA BACCATA GULF OF ALASKA 59 55N 142 52W  11393 BERGEN O'NEIL 1979  KARRERIELLA BACCATA GULF OF ALASKA 59 55N 142 52W  11393 BERGEN O'NEIL 1979  KARRERIELLA BACCATA GULF OF ALASKA 59 55N 142 62W  11393 BERGEN O'NEIL 1979  KARRERIELLA BACCATA GULF OF ALASKA 59 55N 142 62W  11393 BERGEN O'NEIL 1979  KARRERIELLA BACCATA GULF OF ALASKA 59 55N 142 65W  11393 BERGEN O'NEIL 1979  KARRERIELLA BACCATA GULF OF ALASKA 59 55N 142 65W  11393 BERGEN O'NEIL 1979  KARRERIELLA BACCATA GULF OF ALASKA 59 55N 142 65W  11393 BERGEN O'NEIL 1979  KARRERIELLA BACCATA GULF OF ALASK					49 50N 160 57W
11378 SMITH 1973  JACULELLA ACUTA  OFF ALASKA PENINSULA  49 50N 160 57V  11380 SMITH 1973  JACULELLA  ACUTA  OFF ALASKA PENINSULA  48 61N 161 07V  11381 PHLEGER 1967  JADAMMINA  POLYSTOMA  GRAY'S HARBOUR, LUSSH.  47 00N 124 08W  11382 PHLEGER 1967  JADAMMINA  POLYSTOMA  FRASER R., B.C.  49 05N 123 08W  11383 PHLEGER 1967  JADAMMINA  POLYSTOMA  FRASER R., B.C.  49 05N 123 08W  11384 BERGEN 0'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  58 35N 138 15V  11386 BERGEN 0'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 30N 145 40W  11387 BERGEN 0'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 30N 145 40W  11388 BERGEN 0'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 35N 144 10W  11389 BERGEN 0'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 35N 144 50W  11389 BERGEN 0'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 35N 13 10 15W  11380 BERGEN 0'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 55N 142 55W  11390 BERGEN 0'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 55N 142 55W  11390 BERGEN 0'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 55N 142 55W  11390 BERGEN 0'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 55N 142 55W  11390 BERGEN 0'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 30N 13 100W  11389 BERGEN 0'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 30N 145 40W  11390 BERGEN 0'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 30N 145 40W  11390 BERGEN 0'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 30N 145 40W  11390 BERGEN 0'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 30N 145 40W  11390 BERGEN 0'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 30N 145 40W  11390 BERGEN 0'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 30N 145 40W  11390 BERGEN 0'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 30N 145 40W  1140 BERGEN 0'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 30N 145 40W  1140 BERGEN 0'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 30N 145 40W  1140 BERGEN 0'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 3					
11379 SMITH 1973  JACULELLA ACUTA  OFF ALASKA PENINSULA  48 61N 161 707  11381 PHLEGER 1967  JADAMMINA  POLYSTOMA  FRASER R., B.C.  49 ONN 123 084  11382 PHLEGER 1967  JADAMMINA  POLYSTOMA  FRASER R., B.C.  49 ONN 123 084  11383 PHLEGER 1967  JADAMMINA  POLYSTOMA  COOS, BAY, OREGON  43 25N 124 084  11384 BERGEN 0'NEIL 1979  KARRETIELLA  BACCATA  GULF OF ALASKA  59 30N 154 508  11385 BERGEN 0'NEIL 1979  KARRETIELLA  BACCATA  GULF OF ALASKA  59 35N 138 15W  11386 BERGEN 0'NEIL 1979  KARRETIELLA  BACCATA  GULF OF ALASKA  59 35N 138 15W  11388 BERGEN 0'NEIL 1979  KARRETIELLA  BACCATA  GULF OF ALASKA  59 35N 130 15W  11389 BERGEN 0'NEIL 1979  KARRETIELLA  BACCATA  GULF OF ALASKA  59 35N 143 00W  11389 BERGEN 0'NEIL 1979  KARRETIELLA  BACCATA  GULF OF ALASKA  59 35N 143 00W  11390 BERGEN 0'NEIL 1979  KARRETIELLA  BACCATA  GULF OF ALASKA  59 35N 143 00W  11390 BERGEN 0'NEIL 1979  KARRETIELLA  BACCATA  GULF OF ALASKA  59 55N 142 25W  11391 BERGEN 0'NEIL 1979  KARRETIELLA  BACCATA  GULF OF ALASKA  59 55N 142 25W  11393 BERGEN 0'NEIL 1979  KARRETIELLA  BACCATA  GULF OF ALASKA  59 55N 142 25W  11393 BERGEN 0'NEIL 1979  KARRETIELLA  BACCATA  GULF OF ALASKA  59 55N 142 25W  11393 BERGEN 0'NEIL 1979  KARRETIELLA  BACCATA  GULF OF ALASKA  59 55N 142 25W  11393 BERGEN 0'NEIL 1979  KARRETIELLA  BACCATA  GULF OF ALASKA  59 55N 143 00W  11394 BERGEN 0'NEIL 1979  KARRETIELLA  BACCATA  GULF OF ALASKA  59 35N 140 30W  11394 BERGEN 0'NEIL 1979  KARRETIELLA  BACCATA  GULF OF ALASKA  59 35N 140 30W  11394 BERGEN 0'NEIL 1979  KARRETIELLA  BACCATA  GULF OF ALASKA  59 35N 140 30W  11395 TODD LOU 1967  KARRETIELLA  BACCATA  GULF OF ALASKA  59 35N 140 30W  11399 BERGEN 0'NEIL 1979  KARRETIELLA  BACCATA  GULF OF ALASKA  59 35N 140 30W  11400 BERGEN 0'NEIL 1979  KARRETIELLA  BACCATA  GULF OF ALASKA  59 30N 142 25W  11399 BERGEN 0'NEIL 1979  KARRETIELLA  BACCATA  GULF OF ALASKA  59 30N 142 25W  11401 BERGEN 0'NEIL 1979  KARRETIELLA  BACCATA  GULF OF ALASKA  59 30N 140 30W  11402 BERGEN 0'NEIL 1979  KARRETIELLA  BACCATA  GULF OF ALASKA  59 30N					
11381 PHLEGER 1967	11379 SMITH 1973	JACULELLA	A CU T A	OFF ALASKA PENINSULA	52 41N 155 36W
11382 PHLEGER 1907  JADAMMINA  POLYSTOMA  CODS. BAY, OREGON  43 25N 124 08W  11388 BERGEN O'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 30N 145 40W  11388 BERGEN O'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 30N 145 40W  11388 BERGEN O'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 42N 144 10W  11388 BERGEN O'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 45N 142 55W  11389 BERGEN O'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 45N 142 55W  11389 BERGEN O'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 45N 142 55W  11390 BERGEN O'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 45N 142 55W  11390 BERGEN O'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 55N 142 55W  11390 BERGEN O'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 55N 142 55W  11391 BERGEN O'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 55N 142 55W  11393 BERGEN O'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 55N 145 40W  11393 BERGEN O'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 55N 145 40W  11393 BERGEN O'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 55N 145 40W  11395 BERGEN O'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 55N 145 40W  11395 BERGEN O'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 55N 145 40W  11395 TOOD LOU 1967  KARRERIELLA  BACCATA  GULF OF ALASKA  59 55N 142 55W  11397 BERGEN O'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 55N 142 65W  11398 BERGEN O'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 55N 142 65W  11398 BERGEN O'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 55N 142 65W  11398 BERGEN O'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 55N 142 65W  11398 BERGEN O'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 50N 142 55W  11408 BERGEN O'NEIL 1979  KARRERIELLA  BACCATA  GULF OF ALASKA  59 30N 142 55W  11408 BERGEN O'NEIL 1979  KARRERIELLA  BACCATA  BACCATA  GULF OF ALASKA  59 55N 145 40W  11418 BERGEN O'NEIL 1979  KARRERIELLA  BACCATA  BACCATA  BACCATA  BACCATA  BACCATA  BACCATA  BACCATA  GULF OF ALASKA  59 50N					
11383 PHLEGER 1967					
11385 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 58 35N 138 15N 138 15N 138 15N 138 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 42N 144 10N 11387 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35N 143 00N 11388 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35N 142 25N 11390 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 55N 142 25N 11390 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 58 35N 139 15N 11391 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 58 35N 139 15N 11391 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 58 35N 139 15N 11391 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 55N 145 40N 11395 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 55N 146 30N 11395 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35N 146 30N 11395 TODO LON 1967 KARRERIELLA BACCATA GULF OF ALASKA 59 25N 124 36N 11395 TODO LON 1967 KARRERIELLA BACCATA GULF OF ALASKA 59 32N 142 36N 11396 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 32N 142 36N 11396 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 32N 142 36N 11396 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 32N 142 36N 11396 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 143 00N 1140 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 143 00N 1140 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 143 00N 1140 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 143 00N 1140 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 143 00N 1140 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 145 20N 1140 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 145 20N 1140 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 145 20N 1140 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 145 20N 1140 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 145 20N 1140 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 25N 145 25N 1140 BERGEN O'NEIL	11383 PHLEGER 1967	JADAMMINA			
11386 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 42N 144 10W 11387 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 45N 143 0DW 11388 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 45N 144 55W 11390 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 55N 142 25W 11390 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 58 35N 139 15W 11391 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 56 40N 151 55W 11392 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 56 50N 155 5W 11393 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 55N 145 40W 11393 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35N 146 30W 11394 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 59 35N 146 30W 11395 TODD LOU 1967 KARRERIELLA BACCATA GULF OF ALASKA 50 35N 146 30W 11397 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 50 32N 142 25W 11398 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 50 32N 142 26W 11398 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 50 32N 142 36W 11398 BERGEN O'NEIL 1979 KARRERIELLA BACCATA GULF OF ALASKA 50 30N 142 55W 11399 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 50 30N 142 55W 11399 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 50 30N 143 00N 11400 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 143 00N 11400 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 143 00N 11400 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 143 00N 11400 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 143 00N 11400 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 143 00N 11400 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 145 20W 11401 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 145 20W 11401 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 30N 145 30W 11400 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 30N 142 50W 11411 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 30N 145 50W 11411 BERGEN O'NEIL 1979					
11388 BERGEN O'NEIL 1979   KARRERIELLA BACCATA GULF OF ALASKA 59 45N 144 55N 11389 BERGEN O'NEIL 1979   KARRERIELLA BACCATA GULF OF ALASKA 59 55N 142 25N 11390 BERGEN O'NEIL 1979   KARRERIELLA BACCATA GULF OF ALASKA 58 35N 139 15W 11391 BERGEN O'NEIL 1979   KARRERIELLA BACCATA GULF OF ALASKA 56 40N 151 55W 11392 BERGEN O'NEIL 1979   KARRERIELLA BACCATA GULF OF ALASKA 59 35N 145 40W 11393 BERGEN O'NEIL 1979   KARRERIELLA BACCATA GULF OF ALASKA 59 35N 146 30W 11394 BERGEN O'NEIL 1979   KARRERIELLA BACCATA GULF OF ALASKA 59 35N 146 30W 11394 BERGEN O'NEIL 1979   KARRERIELLA BACCATA GULF OF ALASKA 59 35N 146 30W 11395 TODD LOW 1967   KARRERIELLA BACCATA GULF OF ALASKA 59 35N 146 30W 11396 TODD LOW 1967   KARRERIELLA BACCATA GULF OF ALASKA 59 35N 142 36W 11398 BERGEN O'NEIL 1979   KARRERIELLA BACCATA GULF OF ALASKA 59 30N 142 55W 11398 BERGEN O'NEIL 1979   KARRERIELLA BACCATA GULF OF ALASKA 59 30N 142 55W 11398 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 142 55W 11398 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 142 55W 11399 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 145 40W 11400 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 145 40W 11400 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 145 40W 11400 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 145 40W 11400 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE GULF OF ALASKA 59 35N 143 30W 11400 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE GULF OF ALASKA 59 35N 145 50W 11400 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE GULF OF ALASKA 59 35N 145 20W 11400 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE GULF OF ALASKA 59 35N 145 20W 11400 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE GULF OF ALASKA 59 35N 145 20W 11400 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE GULF OF ALASKA 59 35N 145 20W 11400 BERGEN O'NEIL 1979   LAGENA APIOPLEURA GULF OF ALASKA 59 35N 145 20W 11400 BERGEN O'NEIL 1979   LAGENA APIOPLEURA GULF OF ALASKA 59 35N 146 30W 11410 BERGEN O'NEIL 1979   LAGENA APIOPLEURA					59 42N 144 10W
11389 BERGEN O'NEIL 1979   KARRERIELLA   BACCATA   GULF OF ALASKA   59 55N 142 25N 11390 BERGEN O'NEIL 1979   KARRERIELLA   BACCATA   GULF OF ALASKA   58 35N 139 15N 11391 BERGEN O'NEIL 1979   KARRERIELLA   BACCATA   GULF OF ALASKA   56 40N 151 55N 11391 BERGEN O'NEIL 1979   KARRERIELLA   BACCATA   GULF OF ALASKA   59 55N 145 40N 11393 BERGEN O'NEIL 1979   KARRERIELLA   BACCATA   GULF OF ALASKA   59 55N 145 40N 11393 BERGEN O'NEIL 1979   KARRERIELLA   BACCATA   GULF OF ALASKA   50 55N 146 30N 11395   TODD LOW 1967   KARRERIELLA   BACCATA   GULF OF ALASKA   50 55N 152 45N 11395   TODD LOW 1967   KARRERIELLA   BACCATA   GULF OF ALASKA   50 52N 152 45N 11395   TODD LOW 1967   KARRERIELLA   BACCATA   GULF OF ALASKA   50 52N 142 36N 11395   TODD LOW 1967   KARRERIELLA   BACCATA   GULF OF ALASKA   50 52N 142 36N 11396   TODD LOW 1967   KARRERIELLA   BACCATA   KASAAN BAY, ALASKA   50 52N 142 36N 11396   TODD LOW 1967   KARRERIELLA   PARKERAE   GULF OF ALASKA   50 930N 142 55N 11399   BERGEN O'NEIL 1979   KARRERIELLA   PARKERAE   GULF OF ALASKA   50 930N 142 55N 11399   BERGEN O'NEIL 1979   KARRERIELLA   PARKERAE   GULF OF ALASKA   50 930N 142 55N 11400   BERGEN O'NEIL 1979   KARRERIELLA   PARKERAE   GULF OF ALASKA   50 930N 145 20N 11400   BERGEN O'NEIL 1979   KARRERIELLA   PARKERAE   GULF OF ALASKA   50 930N 145 20N 11400   BERGEN O'NEIL 1979   KARRERIELLA   PARKERAE   GULF OF ALASKA   50 930N 145 20N 11400   BERGEN O'NEIL 1979   KARRERIELLA   PARKERAE   GULF OF ALASKA   50 930N 145 20N 11400   BERGEN O'NEIL 1979   KARRERIELLA   PARKERAE   GULF OF ALASKA   50 930N 145 20N 11400   BERGEN O'NEIL 1979   KARRERIELLA   PARKERAE   GULF OF ALASKA   50 930N 145 20N 11400   BERGEN O'NEIL 1979   KARRERIELLA   PARKERAE   GULF OF ALASKA   50 930N 145 20N 11400   BERGEN O'NEIL 1979   LAGENA   APIOPLEURA   GULF OF ALASKA   50 930N 145 20N 11400   BERGEN O'NEIL 1979   LAGENA   APIOPLEURA   GULF OF ALASKA   50 930N 142 30N 11410   BERGEN O'NEIL 1979   LAGENA   APIOPLEURA   GULF OF ALASKA   50 930N 145 20N 114110   BERGEN O'NEIL 19					
11390 BERGEN O'NEIL 1979   KARRERIELLA BACCATA GULF OF ALASKA 58 35N 139 15N 11391 BERGEN O'NEIL 1979   KARRERIELLA BACCATA GULF OF ALASKA 56 40N 151 55N 11392 BERGEN O'NEIL 1979   KARRERIELLA BACCATA GULF OF ALASKA 59 55N 145 40N 11373 BERGEN O'NEIL 1979   KARRERIELLA BACCATA GULF OF ALASKA 59 35N 146 30N 11374 BERGEN O'NEIL 1979   KARRERIELLA BACCATA GULF OF ALASKA 59 35N 146 30N 11394 BERGEN O'NEIL 1979   KARRERIELLA BACCATA GULF OF ALASKA 59 35N 146 30N 11395 TODD LOU 1967   KARRERIELLA BACCATA GULF OF ALASKA 59 32N 142 36N 11395 TODD LOU 1967   KARRERIELLA BACCATA GULF OF ALASKA 59 30N 142 36N 11397 BERGEN O'NEIL 1979   KARRERIELLA BACCATA KASAAN BAY, ALASKA 59 30N 142 55N 11398 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 142 55N 11399 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 142 50N 11400 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 143 00N 11401 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 145 40N 11401 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 145 40N 11401 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 145 40N 11402 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 145 40N 11403 EURSHMAN MCCULLOCH 1950   LAGENA APIOPLEURA KETCHINAN, ALASKA 55 21N 131 39N 11403 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE GULF OF ALASKA 59 35N 145 20N 11403 BERGEN O'NEIL 1979   LAGENA APIOPLEURA GULF OF ALASKA 59 35N 145 50N 11407 BERGEN O'NEIL 1979   LAGENA APIOPLEURA GULF OF ALASKA 59 30N 158 80N 11408 BERGEN O'NEIL 1979   LAGENA APIOPLEURA GULF OF ALASKA 59 55N 146 55N 11408 BERGEN O'NEIL 1979   LAGENA APIOPLEURA GULF OF ALASKA 59 55N 146 55N 114108 BERGEN O'NEIL 1979   LAGENA APIOPLEURA GULF OF ALASKA 59 55N 146 55N 114108 BERGEN O'NEIL 1979   LAGENA APIOPLEURA GULF OF ALASKA 59 50N 146 50N 114108 BERGEN O'NEIL 1979   LAGENA APIOPLEURA GULF OF ALASKA 59 50N 146 50N 114108 BERGEN O'NEIL 1979   LAGENA APIOPLEURA GULF OF ALASKA 59 30N 145 40N 11413 BERGEN O'NEIL 1979   LAGENA APIOPLEURA G					
11392 BERGEN O'NEIL 1979   KARRERIELLA BACCATA GULF OF ALASKA 50 55N 145 40N     11393 BERGEN O'NEIL 1979   KARRERIELLA BACCATA GULF OF ALASKA 50 35N 146 30N     11394 BERGEN O'NEIL 1979   KARRERIELLA BACCATA GULF OF ALASKA 50 35N 152 45N     11395 TODD LOW 1967   KARRERIELLA BACCATA GULF OF ALASKA 50 32N 142 36N     11397 BERGEN O'NEIL 1979   KARRERIELLA BACCATA GULF OF ALASKA 50 32N 142 36N     11398 BERGEN O'NEIL 1979   KARRERIELLA BACCATA KASAAN BAY, ALASKA 50 30N 142 35N     11398 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE GULF OF ALASKA 50 00N 141 20N     11398 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE GULF OF ALASKA 50 30N 142 55N     11399 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE GULF OF ALASKA 50 30N 143 30N     11400 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE GULF OF ALASKA 50 30N 143 00N     11401 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE GULF OF ALASKA 50 30N 143 00N     11402 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE GULF OF ALASKA 50 30N 143 00N     11403 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE GULF OF ALASKA 50 30N 145 40N     11404 CUSHMAN MCCULLOCH 1950   LAGENA APIOPLEURA KETCHIKAN, ALASKA 50 20N 145 20N     11405 CUSHMAN MCCULLOCH 1950   LAGENA APIOPLEURA WASHINGTON COAST 48 32N 123 10N     11406 CUSHMAN TODD 1947   LAGENA APIOPLEURA GULF OF ALASKA 50 20N 142 30N     11407 BERGEN O'NEIL 1979   LAGENA APIOPLEURA GULF OF ALASKA 50 20N 142 30N     11408 TODD LOW 1967   LAGENA APIOPLEURA GULF OF ALASKA 50 20N 142 30N     11409 BERGEN O'NEIL 1979   LAGENA APIOPLEURA GULF OF ALASKA 50 30N 142 40N     11410 BERGEN O'NEIL 1979   LAGENA APIOPLEURA GULF OF ALASKA 50 30N 142 50N     11411 BERGEN O'NEIL 1979   LAGENA APIOPLEURA GULF OF ALASKA 50 30N 142 50N     11411 BERGEN O'NEIL 1979   LAGENA APIOPLEURA GULF OF ALASKA 50 30N 142 50N     11411 BERGEN O'NEIL 1979   LAGENA APIOPLEURA GULF OF ALASKA 50 30N 142 50N     11411 BERGEN O'NEIL 1979   LAGENA APIOPLEURA GULF OF ALASKA 50 30N 142 50N     11411 BERGEN O'NEIL 1979   LAGENA APIOPLEURA GULF OF ALASKA 50 30N 142 50N     11411 BERGEN O'NEIL 1979   LAG	11390 BERGEN O'NEIL 1979		BACCATA	GULF OF ALASKA	58 35N 139 15W
11393 BERGEN O'NEIL 1979   KARRERIELLA BACCATA GULF OF ALASKA 59 35N 146 30W					
11394 BERGEN O'NEIL 1979					
11396 TODD LOW 1967	11394 BERGEN O'NEIL 1979	KARRERIELLA	BACCATA	GULF OF ALASKA	56 25N 152 45W
11397 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE   GULF OF ALASKA   59 00N 141 20W					
11398 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 142 55W 11399 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 143 00W 11400 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 145 40W 11401 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 145 40W 11402 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 145 20W 11403 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 145 25W 11404 CUSHMAN NCCULLOCH 1950 LAGENA APIOPLEURA KETCHIKAM, ALASKA 59 25N 145 25W 11405 CUSHMAN MCCULLOCH 1950 LAGENA APIOPLEURA WASHINGTON COAST 48 32N 123 10W 11405 CUSHMAN TODD 1947 LAGENA APIOPLEURA WASHINGTON COAST 48 32N 123 10W 11407 CUDD LOW 1967 LAGENA APIOPLEURA GULF OF ALASKA 59 32N 142 36W 11407 CUDD LOW 1967 LAGENA APIOPLEURA GULF OF ALASKA 59 32N 142 36W 11408 TODD LOW 1967 LAGENA APIOPLEURA GULF OF ALASKA 59 521N 131 58W 11409 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 52N 145 40W 11410 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 30N 152 40W 11410 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 45N 144 55W 11418 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 45N 144 55W 11418 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 45N 144 55W 11418 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 45N 144 55W 11418 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 30N 152 40W 11418 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 30N 152 40W 11418 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 30N 154 50W 11418 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 30N 154 50W 11418 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 35N 151 50W 11418 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 35N 151 50W 11418 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 35N 151 50W 11418 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 35N 151 50W 11418 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 35N 151 50W 11418 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA	11397 BERGEN O'NEIL 1979	KARRERIELLA			59 00N 141 20W
11400 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 145 40M 11401 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 145 20M 11402 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 145 20M 11403 BERGEN O'NEIL 1979 KARRERIELLA PARKERAE GULF OF ALASKA 59 30N 145 20M 11404 CUSHMAN MCCULLOCH 1950 LAGENA APIOPLEURA KETCHIKAM, ALASKA 55 21M 131 39M 11405 CUSHMAN MCCULLOCH 1950 LAGENA APIOPLEURA OFF ALASKA 56 28M 132 23M 11406 CUSHMAN TODD 1947 LAGENA APIOPLEURA WASHINGTON COAST 48 32N 123 10M 11407 TODD LOW 1967 LAGENA AMPHORA GULF OF ALASKA 59 32N 142 36M 11408 TODD LOW 1967 LAGENA AMPHORA CLARENCE ST., ALASKA 59 32N 142 36M 11408 TODD LOW 1967 LAGENA AMPHORA CLARENCE ST., ALASKA 59 32N 142 36M 11410 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 51 11 31 58M 11411 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 55 11 141 58M 11412 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 54N 144 55M 11412 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 42N 144 55M 11413 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 45N 144 55M 11413 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 45N 144 55M 11414 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 45N 144 55M 11413 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 45N 144 55M 11414 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 35N 115 150M	11398 BERGEN O'NEIL 1979	KARRERIELLA	PARKERAE	GULF OF ALASKA	
11401 BERGEN O'NEIL 1979   KARRERIELLA PARKERAE   GULF OF ALASKA   59 35N 143 00W	11399 BERGEN O'NEIL 1979	KARRERIELLA			
11402 BERGEN O'NEIL 1979				GILLE OF ALASKA	
11403 BERGEN O'NEIL 1979				GULF OF ALASKA	
11405 CUSHMAN MCCULLOCH 1950				GULF OF ALASKA	
11406 CUSHMAN TODD 1947 LAGENA APIOPLEURA WASHINGTON COAST 48 32N 123 10H 11407 TODD LOW 1967 LAGENA AMPHORA GULF OF ALASKA 59 32N 142 36M 11408 TODD LOW 1967 LAGENA AMPHORA CLARENCE ST., ALASKA 59 32N 142 36M 11408 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 55N 145 40M 11410 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 55N 145 40M 11411 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 45N 144 55M 11412 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 42N 144 10M 11413 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 42N 144 10M 11414 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 30N 145 40M 11414 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 30N 145 40M	11405 CUSHMAN MCCULLOCH 1950	LAGENA	A PI OPLEUR A	055 41 4544	56 28N 132 23W
11408 TOOD LOW 1967 LAGENA AMPHORA GULF OF ALASKA 59 32N 142 35W 11409 BERGEN 0'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 55N 145 40W 11410 BERGEN 0'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 56 30N 152 40W 11411 BERGEN 0'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 45N 144 51W 11411 BERGEN 0'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 45N 144 10W 11413 BERGEN 0'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 42N 144 10W 11413 BERGEN 0'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 30N 145 40W 11414 BERGEN 0'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 30N 145 40W 11414 BERGEN 0'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 35N 151 50W				WASHINGTON COAST	48 32N 123 10W
11409 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 55N 145 40N 11410 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 56 30N 152 40N 11411 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 45N 144 51N 11411 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 42N 144 10N 11413 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 30N 145 40N 11414 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 30N 145 40N 11414 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 58 35N 151 50N	11407 1000 LOW 1967 11408 TODD LOW 1967			GULF OF ALASKA	
11410 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 56 30N 152 40W 11411 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 45N 144 55W 11412 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 42N 144 15W 11413 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 30N 145 40W 11414 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 31N 151 50W	11409 BERGEN O'NEIL 1979	LAGENA	APIOPLEURA	GULF OF ALASKA	59 55N 145 40W
11412 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 42N 144 10W 11413 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 30N 145 40W 11414 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 56 35N 151 50W				GULF OF ALASKA	56 30N 152 40W
11413 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 59 30N 145 40W 11414 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 56 35N 151 50W					
11416 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 56 35N 151 50W 11415 BERGEN O'NEIL 1979 LAGENA APIOPLEURA GULF OF ALASKA 56 40N 151 55W	11413 BERGEN O'NEIL 1979	LAGENA	A P I O P L E U R A	GULF OF ALASKA	59 30N 145 40W
20 4UN 131 37W				GULF OF ALASKA	

Publication	Generic Name	Specific Name	•	Lat. Long.
11416 CUSHMAN TODD 1947 11417 CUSHMAN TODD 1947	LAGENA OOL INA	C LA VATA BOR E A L I S	WASHINGTON COAST Washington Coast Washington Coast	48 32N 123 10W
11418 CUSHMAN TODO 1947	OOLINA	BOREALIS	WASHINGTON COAST	48 32N 123 10W
11419 CUSHMAN MCCULLOCH 1950	OOLINA	BOREALIS	OFF ALASKA	56 28N 132 23W
11420 COCKBAIN 1963 11421 COCKBAIN 1963	LAGENA	DENTALIFORMIS	BRITISH COLUMBIA	48 20N 123 00W
11422 COCKBAIN 1963	LAGENA	D I S T OMA D I S T OMA	BRITISH COLUMBIA	48 20N 123 00W
11423 COCKBAIN 1963	LAGENA	DISTOMA	BRITISH COLUMBIA	49 00N 123 15W
11424 COCKBAIN 1963 11425 TODD LOW 1967	LAGENA	DISTOMA	BRITISH COLUMBIA	48 45N 123 00W
11426 TODD LOW 1967	LAGENA	D I S T O M A D I S T O M A	CLARENCE SI., ALASKA	55 26N 132 14W
11427 TODD LOW 1967	LAGENA	DISTOMA	GULF OF ALASKA	59 32N 142 36W
11428 CUSHMAN MCCULLOCH 1950 11429 CUSHMAN MCCULLOCH 1950	OOL IMA OOL IMA OOL IMA LAGENA	D I S T O M A D I S T O M A	WASHINGTON COAST WASHINGTON COAST OFF ALASKA BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA CLARENCE ST., ALASKA KASAAN BAY, ALASKA GULF OF ALASKA OFF ALASKA OFF ALASKA CLARENCE ST., ALASKA GULF OF ALASKA	60 40N 145 53W
11430 TODD LOW 1967	LAGENA	ELONGATA	CLARENCE ST. ALASKA	55 21N 131 58W
11431 TODD LOW 1967 11432 BERGEN O'NEIL 1979	LAGENA LAGENA LAGENA	ELONGATA	GULF OF ALASKA	59 32N 142 36W
11432 BERGEN O'NEIL 1979	LAGENA	E LO NGATA E LO NGATA	GULF OF ALASKA	59 30N 145 20W
11434 COCKBAIN 1963	LAGENA	ELONGATA	BRITISH COLUMBIA	48 20N 123 00W
11435 CUSHMAN 1927 11436 BERGEN O'NEIL 1979	LAGENA	ELONGATA	OFF OREGON	43 06N 125 08W
11437 BERGEN O'NEIL 1979	L A G E N A L A G E N A	E LO NGATA E LO NGATA	GULF OF ALASKA	59 20N 145 38W
11438 BERGEN O'NEIL 1979	LAGENA	ELONGATA	GULF OF ALASKA	59 30N 142 55W
11439 BERGEN O'NEIL 1979	LAGENA	ELONGATA	GULF OF ALASKA	59 35N 143 00W
11440 BERGEN O'NEIL 1979 11441 BERGEN O'NEIL 1979	LAGENA	E LO NGATA E LO NGATA	GULF OF ALASKA	59 00N 141 20W
11442 BERGEN O'NEIL 1979	LAGENA	ELONGATA	GULF OF ALASKA	58 35N 138 15W
11443 BERGEN O'NEIL 1979 11444 BERGEN O'NEIL 1979	LAGENA	ELONGATA	GULF OF ALASKA	59 42N 144 10W
11445 CUSHMAN TODD 1947	LAGENA	E LO NGATA G RA C I L I S	WASHINGTON COAST	48 33N 123 00W
11446 CUSHMAN TODD 1947	LAGENA	GRACILIS	WASHINGTON COAST	48 32N 123 10W
11447 COCKBAIN 1963 11448 CUSHMAN 1927	LAGENA	GRACILIS	BRITISH COLUMBIA	48 45N 123 00W
11449 CUSHMAN 1927	LAGENA	GRACILIS GRACILIS	OFF OREGON	45 55N 124 48W
11450 COCKBAIN 1963	LAGENA	GRACILIS	BRITISH COLUMBIA	48 20N 123 00W
11451 BERGEN O'NEIL 1979 11452 BERGEN O'NEIL 1979	LAGENA	GRACILIS GRACILIS	GULF OF ALASKA	59 42N 144 10W
11453 BERGEN O'NEIL 1979	LAGENA	GRACILIS	GULF OF ALASKA	59 00N 141 20W
11454 BERGEN O'NEIL 1979 11455 BERGEN O'NEIL 1979	LAGENA	GRACILIS	GULF OF ALASKA	59 30N 145 40W
11456 CUSHMAN 1927	LAGENA	GRACILIS CLAVATA	OFF ORFGON	58 30N 139 00W
11457 CUSHMAN 1927	LAGENA	CLAVATA	OFF OREGON	43 06N 125 08W
11458 TODD LOW 1967 11459 TODD LOW 1967	LAGENA	HISPIDULA LAEVIS	GULF OF ALASKA	59 32N 142 36W
11460 BERGEN O'NEIL 1979	LAGENA	LAEVIS	GULF OF ALASKA	58 35N 138 15W
11461 BERGEN O'NEIL 1979	LAGENA	LAEVIS	GULF OF ALASKA	59 42N 144 10W
11462 BERGEN O'NEIL 1979 11463 BERGEN O'NEIL 1979	LAGENA	L AE VIS L AE VIS	GULF OF ALASKA	59 30N 145 40W
11464 BERGEN O'NEIL 1979	LAGENA	LAEVIS	GULF OF ALASKA	59 45N 144 55W
11465 CUSHMAN MCCULLOCH 1950 11466 CUSHMAN 1927	LAGENA	PARRI	OFF ALASKA	56 28N 132 23W
11467 BERGEN O'NEIL 1979	LAGENA	LAMELLATA MERIDIONALIS	GULF OF ALASKA	59 00N 141 20W
11468 BERGEN O'NEIL 1979	LAGENA LAGENA	MERIDIONALIS	GULF OF ALASKA	59 45N 144 55W
11469 BERGEN O'NEIL 1979 11470 TODD LOW 1967	LAGENA LAGENA	MERIDIONALIS MERIDIONALIS	GULF OF ALASKA	58 50N 141 15W
11471 TODO LOW 1967	LAGENA	MERIDIONALIS	OFF OREGON OFF OREGON BRITISH COLUMBIA GULF OF ALASKA OFF OREGON OFF OREGON OFF OREGON GULF OF ALASKA OFF OREGON GULF OF ALASKA OFF OREGON GULF OF ALASKA OFF OREGON GULF OF ALASKA	59 32N 142 36W
11472 BERGEN O'NEIL 1979 11473 BERGEN O'NEIL 1979	L A G E N A L A G E N A	MOLLIS NEBULOSA	GULF OF ALASKA	59 30N 145 20W
11474 CUSHMAN 1925	FISSURINA	ORBIGNYANA	Q. CHARLOTTE SD., B.C.	52 20N 131 00W
11475 BERGEN O'NEIL 1979	LAGENA LAGENA LAGENA LAGENA LAGENA	PARRI	GULF OF ALASKA	59 45N 144 55W
11476 BERGEN O'NEIL 1979 11477 BERGEN O'NEIL 1979	LAGENA	PARRI PARRI	GULF OF ALASKA GULF OF ALASKA WASHINGTON COAST OFF ALASKA OFF ALASKA	59 55N 142 25W
11478 CUSHMAN TODD 1947	LAGENA	PERLUCIDA	WASHINGTON COAST	48 33N 123 00W
11479 CUSHMAN MCCULLOCH 1950 11480 CUSHMAN MCCULLOCH 1950	LAGENA	PERLUCIDA PERLUCIDA	OFF ALASKA OFF ALASKA	60 40N 145 53W 56 28N 132 23W
		PERLUCIDA	OFF ALASKA WASHINGTON COAST WASHINGTON COAST WASHINGTON COAST BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA GULF OF ALASKA KETCHIKAN, ALASKA	48 32N 123 10W
11482 CUSHMAN TODD 1947	LAGENA LAGENA LAGENA LAGENA LAGENA LAGENA LAGENA	PLIOCENICA	WASHINGTON COAST	47 48N 122 43W
11483 CUSHMAN TODD 1947 11484 COCKBAIN 1963	LAGENA	PLIOCENICA PLIOCENICA	WASHINGTON COAST BRITISH COLUMBIA	48 33N 123 00W 48 14N 123 30W
11485 COCKBAIN 1963	LAGENA	PLIOCENICA	BRITISH COLUMBIA	48 45N 123 00W
11486 COCKBAIN 1963	LAGENA	PLICENICA	BRITISH COLUMBIA	48 20N 123 00W
11487 BERGEN O'NEIL 1979 11488 TODD LOW 1967	LAGENA	PLIOCENICA PLIOCENICA	GULF OF ALASKA	59 32N 138 13W
11489 CUSHMAN MCCULLOCH 1950	LAGENA	PLIOCENICA	KETCHIKAN, ALASKA	55 21N 131 39W
11490 BERGEN O'NEIL 1979 11491 BERGEN O'NEIL 1979	L A G E N A L A G E N A	SEMILINEATA SEMILINEATA	GULF OF ALASKA GULF OF ALASKA	59 00N 141 20W 58 35N 138 15W
11492 BERGEN O'NEIL 1979	LAGENA	SEMILINEATA	GULF OF ALASKA	59 42N 144 10W
11493 BERGEN O'NEIL 1979	LAGENA	SEMILINEATA	GULF OF ALASKA	59 45N 144 55W
11494 BERGEN O'NEIL 1979 11495 CUSHMAN MCCULLOCH 1950	LAGENA LAGENA	SEMILINEATA SEMILINEATA	GULF OF ALASKA OFF ALASKA	59 55N 142 25W 60 40N 145 53W
11496 BERGEN O'NEIL 1979	LAGENA	SEMILINEATA	GULF OF ALASKA	59 45N 146 00W
11497 BERGEN O'NEIL 1979	LAGENA	SEMILINEATA	GULF OF ALASKA GULF OF ALASKA	59 30N 145 40W
11498 BERGEN O'NEIL 1979 11499 BERGEN O'NEIL 1979	L A G E N A L A G E N A	STRIATA STRIATA	GULF OF ALASKA	59 30N 1.45 40W 59 20N 145 38W
11500 BERGEN O'NEIL 1979	LAGENA	STRIATA	GULF OF ALASKA	59 30N 142 55W
11501 BERGEN O'NEIL 1979 11502 BERGEN O'NEIL 1979	L A G E N A L A G E N A	S TRIATA S TRIATA	GULF OF ALASKA GULF OF ALASKA	59 00N 141 20W 58 35N 138 15W
11503 BERGEN O'NEIL 1979	LAGENA	STRIATA	GULF OF ALASKA	59 35N 143 00W
11504 BERGEN O'NEIL 1979	LAGENA	STRIATA	GULF OF ALASKA	59 42N 144 10W
11505 LANKFORD PHLEGER 1973 11506 TODD LOW 1967	LAGENA LAGENA	S TRIATA S TRIATA	CRESCENT CITY, CALIF. Kasaan Bay, Alaska	41 45N 124 13W 55 26N 132 14W
11507 TODD LOW 1967	LAGENA	STRIATA	GULF OF ALASKA	59 32N 142 36W
11508 CUSHMAN MCCULLOCH 1950 11509 BERGEN O'NEIL 1979	LAGENA LAGENA	STRIATA STRIATA	OFF ALASKA GULF OF ALASKA	56 28N 132 23W 59 45N 144 55W
11510 BERGEN O'NEIL 1979	LAGENA	STRIATA	GULF OF ALASKA	56 25N 152 45W

Publication	Generic Name	Specific Name	Locality	Lat. Long.
11511 BERGEN O'NEIL 1979	LAGENA	STRIATA	GULF OF ALASKA GULF OF ALASKA WASHINGTON COAST OFF ALASKA	59 55N 145 40W
11512 BERGEN O'NEIL 1979 11513 CUSHMAN TODD 1947	LAGENA OOLINA OOLINA OOLINA LAGENA	S TRIATA S TRIATO PUNCTATA	WASHINGTON COAST	48 32N 123 10W
11514 CUSHMAN MCCULLOCH 1950 11515 CUSHMAN MCCULLOCH 1950	OOLINA	STR 1 ATO PUNCT ATA	OFF ALASKA	56 28N 132 23W 60 28N 146 27W
11516 CUSHMAN 1927	LAGENA	STRIATOPUNCTATA GEMMA SUBSTRIATA	OFF OREGON	43 O9N 124 42W
11517 CUSHMAN 1927	LAGENA LAGENA LAGENA	SUBSTRIATA	OFF OREGON	43 14N 124 43W 42 55N 124 45W
11518 CUSHMAN 1927 11519 CUSHMAN 1927	LAGENA	SUBSTRIATA SUBSTRIATA	011 0112011	42 54N 124 44W
11350 COCKBAIN 1403	LAGENA	SULCATA	ARITISH COLUMBIA	48 45N 123 00W 48 20N 123 00W
	LAGENA LAGENA	SUL CATA SUL CATA		48 45N 123 33W
	LAGENA	SPICATA	WASHINGTON COAST	48 33N 123 00W 56 28N 132 23W
11525 BERGEN O'NEIL 1979	LAGENA LAGENA	SUL CATA SPICATA	OFF ALASKA GULF OF ALASKA	59 42N 144 10W
	L A G E N A L A G E N A	SPICATA SPICATA	GULF OF ALASKA	59 35N 143 00W 59 45N 144 55W
11528 BERGEN O'NEIL 1979	LAGENA	SPICATA	GULF OF ALASKA	59 30N 145 40W
11529 CUSHMAN MCCULLOCH 1950 11530 CUSHMAN MCCULLOCH 1950	LAGENA LAGENA	SPICATA SPICATA	KETCHIKAN, ALASKA	56 28N 132 23W
11531 LANKFORD PHLEGER 1973	SACCAMMINA	ATLANTICA	DEPOE BAY, OREGON	44 47N 124 05W
11532 LANKFORD PHLEGER 1973 11533 TODD LOW 1967	S A C C A M M I N A A M P H I C O R Y N A	ATLANTICA SCALARIS	TAKU HARBOUR, ALASKA	58 OZN 134 OOW
11534 BERGEN O'NEIL 1979	AMPHICORYNA	SCALARIS	GULF OF ALASKA	5 9 55N 142 25W
	AMPHICORYNA AMPHICORYNA	S CALARIS S CALARIS	BRITISH COLUMBIA	48 20N 123 00W
11537 BERGEN O'NEIL 1979	AMPHICOR YNA	SCALARIS	GULF OF ALASKA	59 55N 145 40W
11539 BERGEN O'NEIL 1979		HYALASCIDIA NICOBARENSIS	GULF OF ALASKA	58 50N 141 15W
	RECTOBOL IVINA	PORRECTA	GULF OF ALASKA	58 50N 141 15W
11542 BERGEN O'NEIL 1979	BOLIVINA Bolivina	A LA TA A LA TA	GULF OF ALASKA	59 DON 141 ZOW
11543 BERGEN O'NEIL 1979 11544 BERGEN O'NEIL 1979	BOLIVINA Bolivina	ALATA ALATA	GULF OF ALASKA	59 30N 145 40W
11545 BERGEN O'NEIL 1979	BOLIVINA	ALATA	GULF OF ALASKA	59 35N 143 00W
11546 SMITH 1973 11547 CUSHMAN TODD 1947	RECTOBOLIVINA	AMY GDAL I FORM IS INSTABILE	OFF ALASKA PENINSULA	\$4 55N 157 59W
11548 TODD LOW 1967	MARCINIII TNA	GLABRA	GULF OF ALASKA	59 32N 142 36W
11549 BERGEN O'NEIL 1979 11550 BERGEN O'NEIL 1979	MARTINOTTIELLA	OCCIDENTALIS OCCIDENTALIS	GULF OF ALASKA	59 DON 141 20W
11551 HAMLIN 1960	MASSILINA	CRESCENTENSIS	CRESCENT CITY, CALIF.	41 46N 124 14W
11552 HAMLIN 1960	MASSILINA	CRESCENTENSIS PUL CHRA	PORT ORFORD, OREGON CRESCENT CITY, CALIF.	42 45N 124 31W 41 45N 124 13W
11554 CUSHMAN TODD 1947	MASSILINA	PULCHRA	WASHINGTON COAST	48 33N 123 00W
11555 CUSHMAN TODD 1947 11556 SMITH 1973	MASSILINA MELONIS	PUL CHRA BARLEEANUS	DFF ALASKA PENINSULA	49 50N 160 57W
11557 BERGEN O'NEIL 1979	MELONIS MILIAMMINA	POMPILIOIDES	WASHINGTON COAST OFF ALASKA GULF OF ALASKA DEPOE BAY, OREGUN CRESCENT CITY, CALIF- TAKU HARBOUR, ALASKA GULF OF	59 00N 141 20W
11558 PHLEGER 1967 11559 JONES ROSS 1979	MILIAMMINA	FUS CA FUS CA	SAMISH BAY, WASH.	48 35N 122 28W
11560 SCOTT 1974 11561 PHLEGER 1967	MILIAMMINA	FUSCA FUSCA	SAMISH-PADILLA BAYS	48 36N 122 29W
11562 PHLEGER 1967	MILIAMMINA MILIAMMINA MILIAMMINA MILIAMMINA	FUSCA	PHILLIPS ARM, B.C.	50 30N 125 00W
11563 PHLEGER 1967.	MILIAMMINA	FUS CA FUS CA	FRASER R., B.C.	49 05N 123 06W 48 32N 123 10W
11565 CUSHMAN TODD 1947	MILIAMMINA	FUSCA	WASHINGTON COAST	48 33N 123 00W
11566 WHITEAVES 1886 11567 WHITEAVES 1886	MILIAMMINA QUINQUELOCULINA QUINQUELOCULINA QUINQUELOCULINA	FERUSSACHII SEMINULA	QUEEN CHARLOTTE SD., B.C. DISCOVERY PASSAGE, B.C.	50 55N 128 00W 48 45N 123 33W
11568 WHI TEAVES 1886	QUINQUELOCULINA	3 EN INOL M	GOCEN CHARCOTTE 30.7 D.C.	10 11 120 00W
11569 WHITEAVES 1886 11570 LANKFORD PHLEGER 1973	QUINQUELOCULINA QUINQUELOCULINA MILIOLINELLA MILIOLINELLA	SEMINULA CALIFORNICA	STRAIT OF GEORGIA, B.C. CRESCENT CITY, CALIF.	49 30N 124 22W 41 45N 124 13W
		CIRCULARIS	OREGON COAST	43 07N 124 26W 44 49N 124 04W
11572 COOPER 1961 11573 SMITH 1973	MILIOLINELLA MILIOLINELLA	CIRCULARIS SUBROTUNDA	OREGON COAST OFF ALASKA PENINSULA DFF ALASKA PENINSULA OFF ALASKA PENINSULA NORTH PACIFIC	49 50N 160 57W
11574 SMITH 1973 11575 SMITH 1973	MILIOLINELLA MILIOLINELLA	S UB R OT U ND A S UB R OT U ND A	DFF ALASKA PENINSULA	53 16N 161 33W 52 41N 155 36W
11576 SMITH 1973	MILIOLINELLA	SUBROTUNDA	NORTH PACIFIC	43 47N 160 36W
11577 SMITH 1973 11578 BERGEN O'NEIL 1979	NO DELLUM	M EM BRANACEUM C AL OMORPHA	NORTH PACIFIC OFF ALASKA PENINSULA GULF OF ALASKA	52 41N 155 36W 59 25N 145 25W
11579 WHITEAVES 1886	DENTALINA DENTALINA	PAUPERATA	STRAIT OF GEORGIA, B.C. STRAIT OF GEORGIA, B.C.	49 30N 124 22W
11300 MUTIEWAEZ 1000	DENTALINA NODOSARIA	PAUPERATA SUBSCALARIS	STRAIT OF GEORGIA, B.C. WASHINGTON COAST	49 50N 124 42W 47 40N 122 25W
11582 CUSHMAN TODD 1947	NODOSARIA	SUBSCALARIS	WASHINGTON COAST	48 33N 123 00W
11583 CUSHMAN TODD 1947 11584 CUSHMAN MCCULLOCH 1950	NODOSARIA NODOSARIA	SUBSCALARIS SUBSCALARIS	WASHINGTON COAST OFF ALASKA	48 32N 123 10W 56 28N 132 23W
11585 CUSHMAN MCCULLOCH 1940	NONIONELLA	GRATELOUPI	OFF ALASKA	56 28N 132 23W
11586 DETLING 1958 11587 CUSHMAN 1927	NONIONEL LA NONIONEL LINA	GRATELOUPI LABRADORICA	SUNSET BAY, OREGON OFF OREGON	43 21N 124 20W 43 02N 124 55W
11588 CUSHMAN 1927	NONIONELLINA NONIONELLINA	LABRADORICA LABRADORICA	OFF OREGON	42 54N 124 44W 43 09N 124 42W
11589 CUSHMAN 1927 11590 CUSHMAN 1927	NONIONELLINA	L AB RADORI CA	OFF OREGON OFF OREGON	42 5SN 124 45W
11591 CUSHMAN 1927 11592 CUSHMAN 1927	NON IONELLINA NON IONELLINA	L AB RADORICA L AB RADORICA	OFF OREGON OFF DREGON	45 54N 124 48W 42 54N 124 43W
11593 CUSHMAN 1927	NONIONELLINA	LABRADORICA	OFF OREGON	43 D7N 124 41W
11594 SMITH 1973 11595 SMITH 1973	NONIONELLINA NONIONELLINA	L AB RADORICA L AB RADORICA	KODIAK, ALASKA Off ALASKA PENINSULA	57 49N 152 30W 53 53N 161 40W
11596 CUSHMAN MCCULLOCH 1940	NONIONELLA	BASISPINATA	OFF ALASKA	56 28N 132 23W
11597 CUSHMAN TODD 1947 11598 CUSHMAN TODD 1947	NONIONELLA NONIONELLA	BASISPINAIA BASISPINATA	WASHINGTON COAST WASHINGTON COAST	48 33N 123 00W 47 48N 122 43W
11599 CUSHMAN TODD 1947	NONIONELLA	BASISPINATA	WASHINGTON COAST	48 32N 123 10W
11600 CUSHMAN 1927 11601 CUSHMAN 1927	NONIONEL LA NONIONEL LA	PUNCTATA PUNCTATA	OFF OREGON OFF OREGON	43 07N 124 41W 42 54N 124 44W
11602 CUSHMAN 1927	NONIONELLA	PUNCTATA	OFF OREGON	42 54N 124 43W
11603 CUSHMAN 1927 11604 NATLAND 1933	FLORILUS FLORILUS	S CAPHUM S CAPHUM	OFF OREGON CRESCENT CITY, CALIF.	43 O2N 124 55W 41 46N 124 14W
11605 SMITH 1973	FLORILUS	S CA PHUM	OFF ALASKA PENINSULA	54 55N 157 59W

Publication  11606 CUSHMAN TODD 1947 11607 SMITH 1973 11608 CUSHMAN TODD 1947 11607 COCKBAIN 1963 11610 COOPER 1961 11611 COCKBAIN 1963 11610 SOCKBAIN 1963 11613 SMITH 1973 11614 BERGEN O'NEIL 1979 11615 BERGEN O'NEIL 1979 11616 BERGEN O'NEIL 1979 11616 BERGEN O'NEIL 1979 11616 BERGEN O'NEIL 1979 11617 BERGEN O'NEIL 1979 11618 BERGEN O'NEIL 1979 11618 BERGEN O'NEIL 1979 11621 BERGEN O'NEIL 1979 11622 BERGEN O'NEIL 1979 11623 BERGEN O'NEIL 1979 11624 BERGEN O'NEIL 1979 11624 BERGEN O'NEIL 1979 11625 COCKBAIN 1963 11626 COCKBAIN 1963 11626 COCKBAIN 1963 11627 COCKBAIN 1963 11628 COCKBAIN 1963 11630 CUSHMAN MCCULLOCH 1940 11631 CUSHMAN MCCULLOCH 1940 11633 CUSHMAN MCCULLOCH 1940 11633 CUSHMAN MCCULLOCH 1940 11634 CUSHMAN MCCULLOCH 1940 11635 COCKBAIN 1963 11636 COCKBAIN 1963 11636 COCKBAIN 1963 11637 COCKBAIN 1963 11638 COCKBAIN 1963 11639 CUSHMAN MCULLOCH 1940 11634 CUSHMAN MCULLOCH 1940 11635 COCKBAIN 1963 11636 COCKBAIN 1963 11637 COCKBAIN 1963 11638 COCKBAIN 1963 11639 CECHOLS 1969 11640 DETLING 1958 11641 ECHOLS 1969 11642 ECHOLS 1969 11643 BERGEN O'NEIL 1979 11654 BERGEN O'NEIL 1979 11654 BERGEN O'NEIL 1979 11655 BERGEN O'NEIL 1979 11656 BERGEN O'NEIL 1979 11657 BERGEN O'NEIL 1979 11658 ERRGEN O'NEIL 1979 11659 BERGEN O'NEIL 1979 11650 BERGEN O'NEIL 1979 11651 BERGEN O'NEIL 1979 11652 BERGEN O'NEIL 1979 11653 BERGEN O'NEIL 1979 11654 BERGEN O'NEIL 1979 11655 BERGEN O'NEIL 1979 11656 BERGEN O'NEIL 1979 11657 BERGEN O'NEIL 1979 11658 LANKFORD PHLEGER 1973 11667 COCKBAIN 1963 11667 COCKBAIN 1963 11668 COCKBAIN 1963 11669 COCKBAIN 1963 11669 COCKBAIN 1963 11661 TODD LOW 1967 11667 COCKBAIN 1963 11668 COCKBAIN 1963 11669 COCKBAIN 1963 11669 COCKBAIN 1963 11661 TODD LOW 1967 11676 COCKBAIN 1963 11661 TODD LOW 1967 11676 COCKBAIN 1963 11668 BERGEN O'NEIL 1979 11658 BERGEN O'NEIL 1979 11658 BERGEN O'NEIL 1979 11658 BERGEN O'NEIL 1979 11658 BERGEN O'NEIL 1979 11668 COCKBAIN 1963 11668 TODD LOW 1967 11676 COCKBAIN 1963 11668 TODD LOW 1967 11677 COCKBAIN 1963 11688 COCKBAIN 1963 11688 COCKBAIN 1963 11688 COCKBAIN 1963	Generic Name	Specific Name	Locality	Lat. Long.
11606 CUSHMAN TODD 1947 11607 SMITH 1973	NONIONELLA	AUR I CULA	WASHINGTON COAST	48 33N 123 00W
11608 CUSHMAN TODD 1947	NONIONELLA	AURICULA	WASHINGTON COAST	48 32N 123 10W
11609 COCKBAIN 1963	NONIONELLA	BASISPINATA	BRITISH COLUMBIA	48 45N 123 00W
11611 COCKBAIN 1963	NONIONELLA	BASISPINATA BASISPINATA	OREGON COAST	43 07N 124 26W
11612 COCKBAIN 1963	NONIONELLA	BAS I SPI NATA	BRITISH COLUMBIA	48 20N 123 00W
11613 SMITH 1973	NONIONELLA	BRADYI	OFF ALASKA PENINSULA	56 23N 154 27W
11615 BERGEN O'NEIL 1979	NONIONELLA	TURGIDA DIGITATA	GULF OF ALASKA	59 45N 144 55W
11616 BERGEN O'NEIL 1979	NONIONELLA	TURGIDA DIGITATA	GULF OF ALASKA	59 30N 142 55W
11617 BERGEN O'NEIL 1979	NONIONELLA NONIONELLA	TURGIDA DIGITATA	GULF OF ALASKA	59 30N 145 20W
11619 BERGEN O'NEIL 1979	NONIONELLA	TURGIDA DIGITATA	GULF OF ALASKA	59 00N 141 20W
11620 BERGEN O'NEIL 1979 11621 BERGEN O'NEIL 1979	MONIONELLA	TURGIDA DIGITATA	GULF OF ALASK'	59 20N 145 38W
11622 BERGEN O'NEIL 1979	NONIONELLA	TURGIDA DIGITATA	GULF OF ALASKA	59 35N 143 00W
11623 BERGEN O'NEIL 1979	NONIONELLA	TURGIDA DIGITATA	GULF OF ALASKA	59 42N 144 10W
11625 COCKBAIN 1963	NONIONELLINA	LABRADORICA	BRITISH COLUMBIA	49 00N 123 15W
11626 COCKBAIN 1963	NONIONELLINA	L ABRADORI CA	BRITISH COLUMBIA	48 20N 123 00W
11628 COCKBAIN 1963	NONIONELLINA	L ABRADORICA L ABRADORICA	BRITISH COLUMBIA BRITISH COLUMBIA	48 14N 123 30W 49 15N 123 30W
11629 CUSHMAN 1927	NONIONELLA	MIOCENICA	OFF OREGON	42 54N 124 48W
11630 CUSHMAN MCCULLOCH 1940 11631 CUSHMAN MCCULLOCH 1940	NONIONELLA NONIONELLA	MIOCENICA STELLA	OFF ALASKA	56 28N 132 23W
11632 CUSHMAN MCCULLOCH 1940	NONIONELLA	STELLA	KETCHIKAN, ALASKA	55 21N 131 39W
11633 CUSHMAN MCCULLOCH 1940	NONIONELLA	STELLA	OFF ALASKA	56 28N 132 23W
11635 COCKBAIN 1963	NONIONELLA	STELLA	BRITISH COLUMBIA	48 45N 123 00W
11636 COCKBAIN 1963	NONIONELLA	STELLA	BRITISH COLUMBIA	49 00N 123 15W
11638 COCKBAIN 1963	NONIONELLA	STELLA	BRITISH COLUMBIA BRITISH COLUMBIA	48 20N 124 10W
11639 ECHOLS 1969	NONIONELLA	STELLA	WASHINGTON COAST	47 30N 124 22W
11640 DETLING 1958 11641 ECHOLS 1969	NONIONELLA NONIONELLA	S TELLA	SUNSET BAY, OREGON	43 21N 124 20W
11642 ECHOLS 1969	NONIONELLA	STELLA	WASHINGTON COAST	47 00N 124 12W
11643 BERGEN O'NEIL 1979	NONIONELLA	STELLA	GULF OF ALASKA	59 45N 144 55W
11645 TODD LOW 1967	NONIONELLA	STELLA	GULF OF ALASKA	59 32N 142 36W
11646 TODD LOW 1967	NONIONELLA	STELLA	KASAAN BAY, ALASKA	55 26N 132 14W
11648 BERGEN O'NEIL 1979	NONIONELLA	STELLA	GULF OF ALASKA	S9 SON 145 47W
11649 BERGEN O'NEIL 1979	NONIONELLA	STELLA	GULF OF ALASKA	59 56N 141 35W
11651 BERGEN O'NEIL 1979	NONIONELLA	STELLA	GULF OF ALASKA	59 S5N 142 25W
11652 BERGEN O'NEIL 1979	NONIONELLA	STELLA	GULF OF ALASKA	58 35N 138 15W
11653 BERGEN O'NEIL 1979 11654 BERGEN O'NEIL 1979	NONIONELLA	STELLA	GULF OF ALASKA	59 56N 144 25W
11655 BERGEN O'NEIL 1979	NONIONELLA	STELLA	GULF OF ALASKA	59 35N 143 00W
11656 BERGEN O'NEIL 1979	NONIONELLA	STELLA	GULF OF ALASKA	59 30N 145 40W
11658 LANKFORD PHEEGER 1973	NONIONELLA	STELLA	CRESCENT CITY, CALIF.	41 45N 124 13W
11659 TODD LOW 1967	NONIONELLA	TURGIDA	GULF OF ALASKA	S 9 32N 142 36W
11661 TODD LOW 1967	NONIONELLA	TURGIDA	CLARENCE ST. ALASKA	55 21N 131 58W
11662 COCKBAIN 1963	NONIONELLA	TURGIDA DIGITATA	BRITISH COLUMBIA	48 20N 123 00W
11664 TODD LOW 1967	NONIONELLA	TURGIDA DIGITATA	GULF OF ALASKA	59 32N 142 36W
11665 TODD LOW 1967	NONIONELLA	TURGIDA DIGITATA	CLARENCE ST., ALASKA	55 21N 131 58W
11667 CUSHMAN 1925	NONIONELLA	AURIS	Q. CHARLOTTE SD., B.C.	52 20N 131 00W
11668 WHI TEAVES 1886	FLORILUS	SCAPHUM	JOHNSTONE STRAIT, B.C.	50 30N 126 05W
11670 LANKFORD PHLEGER 1973	NOURIA	POL YMORPHINO IDES	CRESCENT CITY, CALIF.	41 45N 124 13W
11671 CUSHMAN TODD 1947	PARRINA	BRADYI	WASHINGTON COAST	48 33N 123 00W
11672 SMITH 1973 11673 TODD LOW 1967	LAGENA	API OPLEURA	GULF OF ALASKA	52 41N 155 36W
11674 TODD LOW 1967	LAGENA	APIOPLEURA	KASAAN BAY, ALASKA	SS 26N 132 14W
11675 TODD LOW 1967	LAGENA	APIOPLEURA	TAKU HARBOUR, ALASKA	58 25N 135 30W
11677 COCKBAIN 1963	LAGENA	APIOPLEURA	BRITISH COLUMBIA	48 4SN 123 00W
11678 COCKBAIN 1963	LAGENA	API OPLEURA	BRITISH COLUMBIA	48 14N 123 30W
11680 COCKBAIN 1963	OOLINA	BOREALIS	BRITISH COLUMBIA	48 45N 123 00W
11681 BERGEN O'NEIL 1979	OOLINA	BOREALIS	GULF OF ALASKA	59 30N 145 40W
11682 COCKBAIN 1963 11683 TODD LOW 1967	OOLINA OOLINA	BOREALIS BOREALIS	BRITISH COLUMBIA Excursion, Alaska	48 20N 123 00W 58 25N 135 30W
11004 BEKEEN O.METE 1313	OULINA	DOK CAL 13	00L1 01 NEV3VV	17 JUN 143 4UW
11685 BERGEN O'NEIL 1979 11686 BERGEN O'NEIL 1979	OOL INA OOL INA	BOREALIS BOREALIS	GULF OF ALASKA GULF OF ALASKA	58 50N 141 15W 59 30N 142 55W
11687 BERGEN O'NEIL 1979	OOLINA	BOREALIS	GULF OF ALASKA	56 40N 151 55W
11688 BERGEN O'NEIL 1979 11689 BERGEN O'NEIL 1979	OOLINA OOLINA	BOREALIS BOREALIS	GULF OF ALASKA GULF OF ALASKA	58 35N 138 15W 56 2SN 152 45W
11690 BERGEN O'NETL 1979	OOLINA	BOREALIS	GULF OF ALASKA	59 45N 144 55W
11691 BERGEN O'NEIL 1979 11692 BERGEN O'NEIL 1979	OOLINA OOLINA	BOREALIS BOREALIS	GULF OF ALASKA GULF OF ALASKA	59 35N 146 30W 59 55N 145 40W
11693 BERGEN O'NEIL 1979	OOLINA	GLOBOSA	GULF OF ALASKA	59 30N 142 SSW
11694 BERGEN O'NEIL 1979	OOLINA OOLINA	G L O B O S A H E X A G O N A	GULF OF ALASKA GULF OF ALASKA	59 00N 141 20W 59 42N 144 10W
11695 BERGEN O'NEIL 1979 11696 BERGEN O'NEIL 1979	OOLINA	HEX AGONA HEX AGONA	GULF OF ALASKA	59 42N 144 10W 59 30N 142 55W
11697 BERGEN O'NEIL 1979	OOL INA	HEX AGONA	GULF OF ALASKA	59 35N 143 00W
11698 TODD LOW 1967 11699 BERGEN O'NEIL 1979	OOLINA OOLINA	H E X A G O N A H E X A G O N A	GULF OF ALASKA GULF OF ALASKA	59 32N 142 36W 56 25N 152 45W
11700 BERGEN O'NEIL 1979	OOLINA	H EX AGONA	GULF OF ALASKA	59 35N 146 30W

1707 1500 150 1707  1707 1500 150 1707  1707 1500 150 1707  1707 1500 150 1707  1708 1500 1707  1708 1500 1707  1708 1500 150 1707  1708 1500 150 1707  1708 1500 150 1707  1708 1500 150 1707  1708 1500 150 1707  1708 1500 150 1707  1709 1500 1500 1500 1500 1500 1500 1500 15	Publication	Generic Name	Specific Name	Locality	Lat. Long.
1707   1006   100				GAMBIER BAY, ALASKA	
17770 GERGEN O'NEEL 1777 OOLIAN LINES CONTOURNES AND SECURE O'NEEL 1777 OOLIAN LINES CHAPTERS AND SECURE O'NEEL 1777 OOLIAN SECURE O'NEEL 1777 OOLIA				ALACYA	59 32N 142 36W
1170   CORPATION   1908   1909   19	11704 BERGEN O'NEIL 1979	OOL INA	LINEATA	GULF OF ALASKA	59 30N 145 40W
1170   CORPATION   1908   1909   19	11705 TODD LOW 1967			GULF OF ALASKA	41 45N 124 13W
1170   CORPATION   1908   1909   19	11707 TODD LOW 1967			GULF OF ALASKA	59 32N 142 36W
17170 COCKAPATA 1935  00.10A  MELD  MELD  MELTIN COLUMNIA 1935  00.10A  MELD  MELD  MELTIN COLUMNIA 1935  17171 COCKAPATA 1935  00.10A  MELD  MELD  MELTIN COLUMNIA 1935  17171 COCKAPATA 1935  00.10A  MELD  MELD  MELTIN COLUMNIA 1935  00.10A  MELD  MELTIN COLUMNIA 1937  00.10A  MELD  MELTIN COLUMNIA 1935  00.10A  MELTIN COLUMNIA 1935  ME	11708 DETLING 1958	OOLINA	MELO	SUNSET BAY, OREGON	43 21N 124 2UW
1777   CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC				doct of mentant	/ 0 00N 127 15H
19713 COCKBAIN 1963  ODC [MA	11711 COCKBAIN 1963	OOLINA		BRITISH COLUMBIA	50 00N 125 07W
11717   BESGED O'NELL 1979 OOLINA   STEINTOPWICTATA   SULF OF ALASKA   \$9 000 154   \$000 177   \$1777   BESGED O'NELL 1979 OOLINA   \$1781ATOPWICTATA   SULF OF ALASKA   \$9 220 152   \$000 177   \$1777   \$1770				BRITISH COLUMBIA	48 14N 123 30W
11719   BREGE O MELL 1979 OOL TAA STREATPHICTATA   SULF OF ALASKA   33 38 11 3 00	11714 COCKBAIN 1963	OOLINA			48 20N 123 00W
1977   GEGEN O MELL 1979   OOL TAM   STRIATOPURCTATA   OUE OF ALSSEA   37 371 11.3   ONL					
1776   1770   17				GILLE OF ALASKA	59 35N 143 00W
17720 REGER O'NELL 1979  DOLLIM STRIATOPUNCTATA  GULT OF ALASKA \$9 300 145 500  PARTICIPATOR  ACUSTANACO MORTH PACIFIC  OPPORTMAN TO 1979  PARTICIPATOR  ACUSTANACO MORTH PACIFIC  OF ALASKA \$9 100 145 500  PARTICIPATOR  ACUSTANACO MORTH PACIFIC  OF ALASKA \$9 100 145 500  PARTICIPATOR  ACUSTANACO MORTH PACIFIC  OF ALASKA \$9 100 145 500  PARTICIPATOR  ACUSTANACO MORTH PACIFIC  OF ALASKA \$9 100 145 500  PARTICIPATOR  PARTICIPATOR  ACUSTANACO MORTH PACIFIC  OF ALASKA \$9 100 145 500  PARTICIPATOR  PARTICIPATOR  OF ALASKA \$9 100 145 500  PARTICIPATOR  PARTICIPATO	11718 TOOD LOW 1967	OOLINA	S TR 1 A T O P U N C T A T A		59 32N 142 36W
17726 LUMRY TOD PRICES 1973  PATELLINA CORRUGATA MASHET TOD 1947  PATELLINA MASHET TOD 1947  PATELLIN	11720 BERGEN O'NEIL 1979	ANIJOO		GULF OF ALASKA	59 30N 145 40W
17726 LUMRY TOD PRICES 1973  PATELLINA CORRUGATA MASHET TOD 1947  PATELLINA MASHET TOD 1947  PATELLIN	11721 BERGEN O'NEIL 1979	OOLINA	STR LATOPUNCT ATA	GULF OF ALASKA	
17726 LUMRY TOD PRICES 1973  PATELLINA CORRUGATA MASHET TOD 1947  PATELLINA MASHET TOD 1947	11723 SMITH 1973	OULINA			
19726 CEGEMEN 1003 1947  1972 CEGEMEN 1003 1947  1973 CEGEMEN 1003 1947  1974 CEGEMEN 1007  1974 CEGEMEN 1007  1975 CEGEMEN 1003 1947  1974 CEGEMEN 1007  1975 CEGEMEN 1007  1977 CEGEMEN 100	THE DENGEN O NEIGHT	L UKUL 1220KINN	FUS ILI FORMIS	GULF OF ALASKA	
11727 COCKBAIN 1963 17720 PATELLINA CORRUGATA BRITISH COLUMBIA 48 144 123 300 17720 PALEE 1929 17720 PALEE 1929 17721 PALEE 1929 17721 PALEE 1929 17723 PALEE 1929 17724 PALEE 1929 17724 PALEE 1929 17725 PALEE 1929 17724 PALEE 1929 17725 PALEE 1929 17725 PALEE 1929 17724 PALEE 1929 17724 PALEE 1929 17725 PALEE 1929 17725 PALEE 1929 17725 PALEE 1929 17726 PALEE 1929 17726 PALEE 1929 17726 PALEE 1929 17727 PALEE 1929 17726 PALEE 1929 17727 PALEE 1					
11729 PRICE O'NELL 1979  17720 PRICE 1979  17730 PRICE 1979  17731 TORD LOU 1967  17733 TORD LOU 1967  17733 TORD LOU 1967  17733 TORD LOU 1967  17733 TORD LOU 1967  17734 PRICE 1979  17735 PRICE O'NELL 1979  17735 PRICE O'NELL 1979  17735 PRICE O'NELL 1979  17736 PRICE O'NELL 1979  17730 PRICE 1978  17740 PRICE 1979  17740 PRICE 1979  17740 PRICE 1978  17740 PRICE 1978  17740 PRICE 1979  17740 PRICE 1979  17750 PRICE 1979	11727 COCKBAIN 1963	PATELLINA	CORRUGATA	BRITISH COLUMBIA	48 14N 123 30W
11723 PRICE 1029 11723 PRICE 1077 1773 PRICE 1077 1775 PRICE 1077 1776 PRICE 1077 1776 PRICE 1077 1777 PRICE 1					48 20N 123 00W
17725 GELING 1938  PATEORIS MALERIOLES SUMET BAT. ALSSAM BAT. ALSS				SAN JUAN IS. WASH.	48 33N 123 01W
11733 TODO 100 1967 PELOSIMA VARIABLIS CALS PARASKA 55 320 132 304 17733 REGGER O'NEL 1979 PELOSIMA DIDERA GULF O' ALASKA 55 201 132 304 17733 REGGER O'NEL 1979 PELOSIMA DIDERA GULF O' ALASKA 55 201 132 304 17735 REGGER O'NEL 1979 PLACOPSILIMA BRADYI O'F ALASKA 57 201 132 131 17735 RITH 1973 PLACOPSILIMA BRADYI O'F ALASKA 57 201 132 131 17735 RITH 1973 PLACOPSILIMA BRADYI O'F ALASKA 57 201 100 574 17735 RITH 1973 PLACOPSILIMA BRADYI O'F ALASKA 57 201 100 574 17736 RITH 1973 PLACOPSILIMA BRADYI O'F ALASKA 57 201 100 574 17740 RITH 1974 PLANULINA O'RAIA GERMAN SALA O'RAIA GULF O' ALASKA 57 201 100 574 17740 REGGER O'NEL 1979 PLANULINA O'RAIA GULF O'F ALASKA 57 200 1174 201 1174 20			CORRUGATA	GULF OF ALASKA	
11753 BERGEN O'MELI 1979 PELOSINA DIDERA GULF OF ALASKA \$9 00N 161 20N 1773 BERGEN O'MELI 1979 PELOSINA DIDERA GULF OF ALASKA \$9 00N 161 20N 1773 BITH 1973 PLACOPSILINA BRADYI DIF ALASKA PENINSULA (0 50N 163 50N 1773 BITH 1973 PLACOPSILINA BRADYI DIF ALASKA PENINSULA (0 50N 163 50N 1773 BITH 1973 PLACOPSILINA BRADYI DIF ALASKA PENINSULA (0 50N 163 50N 163 50N 1773 BITH 1973 BITH 1973 PLANGBULINA BRADYI DIF ALASKA PENINSULA (0 50N 163 50N 163 50N 1773 BITH 1973 PLANGBULINA MEDITERRANENSIS ORGONO COAST (4 4 69N 124 50N 1774 BITH 1979 PLANULINA PRINSIPPI GULF OF ALASKA S9 30N 173 50N 174 50N 1774 BITH 1979 PLANULINA PRINSIPPI GULF OF ALASKA S9 30N 173 50N 174 50N 1774 BITH 1979 PLANULINA PRINSIPPI GULF OF ALASKA S9 30N 173 50N 174 50N 1774 BITH 1979 PLANULINA PRINSIPPI GULF OF ALASKA S9 30N 173 50N 174 50N 1774 BITH 1979 PLANULINA PRINSIPPI GULF OF ALASKA S9 30N 173 50N 174 50N 1774 BITH 1979 PLANULINA PRINSIPPI GULF OF ALASKA S9 30N 173 50N 174 5				GULF OF ALASKA	59 32N 142 36W
11725 BERGEN O'NEIL 1979 PELOSIAN BRADII OFF ALASKA 59 30N 1-3 00N 1-3 00N 1-3 10N 1-3	11734 TODD LOW 1967	PELOSINA	VARIABILIS	KASAAN BAY, ALASKA	55 26N 132 14W
11773 MIT 1973 PLACOPSELINA BRADYI 1773 DITLING 1075 PLACOPSELINA BRADYI 1773 DITLING 1075 PLACOPSELINA ACREVALIS SUMET BAY, DREGON 4, 3, 25% 12, 22, 20% 12,				CILLE OF ALASKA	59 30N 143 00W
1774   1775	11737 SMITH 1973			OFF ALASKA PENINSULA	49 50N 160 57W
11741 CUSHNAN 1927 PLANULINA DRAWL STATE OF DECOME 43 09N 124 524 11742 BERGED VIEW 1979 PLANULINA DRAWL STATE OF DECOME 43 09N 124 524 11742 BERGED VIEW 1979 PLANULINA DRAWL STATE OF DECOME 43 09N 124 524 11742 BERGED VIEW 1979 PLANULINA DRAWL STATE OF DECOME 43 09N 124 524 11744 CUSHNAN 1925 PSEUDPOLYMORPHINA CHARLOTTERSIS CARROLTES SD., B.C. 52 20N 131 00N 11745 TOOD LOW 1967 PSEUDPOLYMORPHINA CHARLOTTERSIS EXUBSION, ALASKA 58 23N 135 30N 1775 TOOD LOW 1967 PSEUDPOLYMORPHINA CHARLOTTERSIS CARROLTES SD., B.C. 52 20N 131 00N 11777 TOOD LOW 1967 PSEUDPOLYMORPHINA CHARLOTTERSIS CARROLTES SD., B.C. 52 20N 131 00N 11779 PSEUDPOLYMORPHINA CHARLOTTERSIS CARROLTES SD., B.C. 52 20N 131 00N 11779 TOOD LOW 1967 PSEUDPOLYMORPHINA CHARLOTTERSIS CARROLTES SD., B.C. 52 30N 132 10N 11775 UNITER VIEW 1886 PSEUDPOLYMORPHINA CHARLOTTERSIS CARROLTES SD., B.C. 50 50N 126 55M 11775 UNITER VIEW 1886 PSEUDPOLYMORPHINA CHARLOTTERSIS CARROLTES SD., B.C. 50 50N 126 55M 11775 UNITER VIEW 1886 PSEUDPOLYMORPHINA CHARLOTTES SD., B.C. 50 50N 126 55M 11775 UNITER VIEW 1886 PSEUDPOLYMORPHINA CHARLOTTES SD., B.C. 50 50N 126 55M 11775 UNITER VIEW 1886 PSEUDPOLYMORPHINA CHARLOTTES SD., B.C. 50 50N 126 55M 11775 UNITER VIEW 1886 PSEUDPOLYMORPHINA CHARLOTTES SD., B.C. 50 50N 126 55M 11775 UNITER VIEW 1886 PSEUDPOLYMORPHINA CHARLOTTES SD., B.C. 50 50N 126 55M 11775 UNITER VIEW 1887 CHARLOTTES SD., B.C. 50 50N 126 55M 11775 UNITER VIEW 1887 CHARLOTTES SD., B.C. 50 50N 126 55M 11775 UNITER VIEW 1887 CHARLOTTES SD., B.C. 50 50N 126 55M 11775 UNITER VIEW 1887 CHARLOTTES SD., B.C. 50 50N 126 55M 11775 UNITER VIEW 1887 CHARLOTTES SD., B.C. 50 50N 126 55M 11775 UNITER VIEW 1887 CHARLOTTES SD., B.C. 50 50N 126 55M 11775 UNITER VIEW 1887 CHARLOTTES SD., B.C. 50 50N 126 55M 11775 UNITER VIEW 1887 CHARLOTTES SD., B.C. 50 50N 126 55M 11775 UNITER VIEW 1887 CHARLOTTES SD., B.C. 50 50N 126 55M 11775 UNITER VIEW 1887 CHARLOTTES SD., B.C. 50 50N 126 55M 11775 UNITER VIEW 1887 CHARLOTTES SD., B.C. 50 50N 126 55M 11775 UNITER VIEW 1887 CHARLOTTES SD., B.C. 50 50N 12				NORTH PACIFIC	43 4/N 10U 30W
11774 CUSHMAN 1927  PLANULINA DRAIL  WILLERSTORFI  GULF OF ALASKA 59 500 11.3 000 1176 11775 BERGER O'WELL 1979  PLANULINA WILLERSTORFI  GULF OF ALASKA 59 500 11.3 100 M					
1774   COLUMN 1965   PSEUDOPOLYMORPHIAN   CHRISTIENS   CHRISTON ALSKA   52 ZON 131 DON 1774   TOOD LOW 1967   PSEUDOPOLYMORPHIAN   CHRISTIENS   CHRISTON ALASKA   55 ZON 132 DON 1774   TOOD LOW 1967   PSEUDOPOLYMORPHIAN   CHRISTIENS   CHRISTON ALASKA   55 ZON 132 DON 1774   TOOD LOW 1967   PSEUDOPOLYMORPHIAN   CHRISTIENS   CHRISTON ALASKA   55 ZON 132 DON 1774   CHRISTIAN ALASKA   55 ZON 132 DON 1774   CHRISTIAN ALASKA   55 ZON 132 DON 1774   CHRISTIAN ALASKA   57 ZON 134 DON 1775   CHRISTIAN ALASKA   57 ZON 134 DON 134 DON 1775   CHRISTIAN ALASKA   57 ZON 134 DON 134 DO		PLANULINA	ORNATA	OFF OREGON	43 08N 124 55W
11725 COD DATE 1967 11746 TOD LOW 1967 11750 MHITERYS 1886 11752 MHITERYS 1886 11752 MHITERYS 1886 11752 MHITERYS 1886 11752 MHITERYS 1886 11753 MHITERYS 1886 11754 MHITERYS 1886 11754 MHITERYS 1886 11754 MHITERYS 1886 11755 MHITERYS 1886 11756 MHITERYS 1886 11757 MHITER				GULF OF ALASKA GULF OF ALASKA	59 30N 143 00W
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11755 BERGEN O'NEIL 1979 POLYMORPHINA KINCAIDI GULF OF ALASKA 59 35N 146 30N 1755 DERGEN O'NEIL 1979 POLYMORPHINA KINCAIDI GULF OF ALASKA 56 40N 151 55N 1756 COCKBAIN 1963 POLYMORPHINA KINCAIDI BRIIISH COLUMBIA 48 20N 123 00N 1775 BERGEN O'NEIL 1979 POLYMORPHINA KINCAIDI BRIIISH COLUMBIA 48 45N 123 00N 1775 BERGEN O'NEIL 1979 POLYMORPHINA KINCAIDI BRIIISH COLUMBIA 48 45N 123 00N 1775 BERGEN O'NEIL 1979 POLYMORPHINA KINCAIDI BRIIISH COLUMBIA 48 45N 123 00N 1775 BERGEN O'NEIL 1979 POLYMORPHINA KINCAIDI MASHINGTON CONSTITUTE AND	11751 WHITEAVES 1886	PSEUDOPOLYMORPHINA	LIGUA	QUATSINO SOUNDA BACA	50 37N 128 01W
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11756 COCKBAIN 1903 POLYMORPHIMA KINCAIDI BRITISH COLUMBIA 48 20N 123 00M 11758 BERGEN O'MELL 1979 POLYMORPHIMA KINCAIDI BRITISH COLUMBIA 48 45N 123 00M 11758 BERGEN O'MELL 1979 POLYMORPHIMA KINCAIDI MASHINGTON COAST 48 32N 123 10M 11760 CUSHMAN TODD 1947 POLYMORPHIMA KINCAIDI MASHINGTON COAST 48 33N 123 00M 11761 TODO LOW 1947 POLYMORPHIMA KINCAIDI GULF OF ALASKA 59 32N 142 36M 11761 TODO LOW 1947 POLYMORPHIMA KINCAIDI GULF OF ALASKA 59 32N 142 36M 11761 TODO LOW 1947 POLYMORPHIMA KINCAIDI GULF OF ALASKA 59 32N 142 36M 11763 WHITEAVES 1886 LARYNOSIGMA LACTEA DISCOVERY PASSAGE, B.C. 48 45N 123 33W 11763 WHITEAVES 1886 ELPHIDIUM CRISPUM DUASTINO SOUND, B.B. 50 35N 128 57M 11764 WHITEAVES 1886 ELPHIDIUM CRISPUM DUASTINO SOUND, B.B. 50 35N 128 50M 11765 WHITEAVES 1886 ELPHIDIUM STRIATOPUNCTATA COMOX HARBOUR, B.C. 49 40N 124 56M 11767 WHITEAVES 1886 ELPHIDIUM STRIATOPUNCTATA COMOX HARBOUR, B.C. 49 40N 124 56M 11767 WHITEAVES 1886 ELPHIDIUM STRIATOPUNCTATA COMOX HARBOUR, B.C. 49 40N 124 56M 11767 WHITEAVES 1886 ELPHIDIUM STRIATOPUNCTATA COMOX HARBOUR, B.C. 49 40N 124 56M 11767 WHITEAVES 1886 POROFONIDES CRIBROREPANDUS GALIFORNIA COAST 48 31N 123 30M 11767 WHITEAVES 1886 POROFONIDES CRIBROREPANDUS GALIFORNIA COAST 41 36N 124 13M 11767 WHITEAVES 1886 POROFONIDES CRIBROREPANDUS GALIFORNIA COAST 41 36N 124 13M 11770 COCKBAIN 1963 POROFONIDES CRIBROREPANDUS BRITISH COLUMBIA 48 14N 123 30M 11769 CODERN 1961 POROFONIDES CRIBROREPANDUS BRITISH COLUMBIA 48 14N 123 30M 11777 CUSHBAN 1963 POROFONIDES CRIBROREPANDUS BRITISH COLUMBIA 48 14N 123 30M 11777 CUSHBAN 1963 POROFONIDES CRIBROREPANDUS BRITISH COLUMBIA 48 12N 123 30M 11777 CUSHBAN 1967 POROFONIDES CRIBROREPANDUS BRITISH COLUMBIA 48 12N 123 30M 11777 CUSHBAN 1967 POROFONIDES CRIBROREPANDUS BRITISH COLUMBIA 48 12N 123 30M 11777 CUSHBAN 1967 POROFONIDES CRIBROREPANDUS BRITISH COLUMBIA 48 12N 123 30M 11777 CUSHBAN 1967 POROFONIDES CRIBROREPANDUS BRITISH COLUMBIA 48 25N 123 30M 11777 CUSHBAN 1967 POROFONIDES CRIBROREPANDUS BRITISH COLUMBIA 48 25N 123 30M 11777 CUSHBAN 1967 PO	11754 BERGEN O'NEIL 1979	POLYMORPHINA	KINCALDI	GULF OF ALASKA	59 35N 146 30W
11757 COCKBAIN 1903 POLYMORPHINA KINCAIDI BRITISH COLUMBIA 48 45 N 123 DON 11758 BERGEN O'NEIL 1979 POLYMORPHINA KINCAIDI GULF OF ALASKA 59 55N 145 40M 11759 CUSHMAN TODO 1947 POLYMORPHINA KINCAIDI WASHINGTON COAST 48 32N 123 10M 11760 CUSHMAN TODO 1947 POLYMORPHINA KINCAIDI WASHINGTON COAST 48 33N 123 DON 11761 TODO LOW 1967 POLYMORPHINA KINCAIDI GULF OF ALASKA 59 52N 142 36M 11762 WHITEAVES 1886 LARYNOSSIGMA LACIERA DISCOVERY PASSAGE, L. C. 48 45N 123 33M 11763 WHITEAVES 1886 ELPHIDIUM CRISPUM QUEEN CHARLOTTE SD., B.C. 50 35N 126 57M 11764 WHITEAVES 1886 ELPHIDIUM CRISPUM QUEEN CHARLOTTE SD., B.C. 50 35N 126 57M 11765 WHITEAVES 1886 ELPHIDIUM CRISPUM QUEEN CHARLOTTE SD., B.C. 50 55N 128 DON 11765 WHITEAVES 1886 ELPHIDIUM STRIATOPUNCTATA COMOX HARBOUR, B.C. 50 55N 128 DON 11766 WHITEAVES 1886 ELPHIDIUM STRIATOPUNCTATA COMOX HARBOUR, B.C. 50 50N 126 57M 11766 WORKERS 1886 ELPHIDIUM STRIATOPUNCTATA JOHNSTONE STRAIT, B.C. 50 50N 126 05N 11768 COCKBAIN 1963 PORGEPONIDES CRIBBOREPANDUS BRITISH COLUMBIA 49 DON 123 15M 11769 COOPER 1961 PORGEPONIDES CRIBBOREPANDUS BRITISH COLUMBIA 48 14N 123 30M 11771 COCKBAIN 1963 PORGEPONIDES CRIBBOREPANDUS BRITISH COLUMBIA 48 20N 123 DON 11772 OLSTHAM NECULLOR 1939 SACCAMMINA HANCOCKI KETCHIKAW, ALASKA 55 21N 131 159M 11774 CUSHMAN 100D 1947 SACCAMMINA ALANTICA WASHINGTON COAST 48 33N 123 00M 11775 CUSHMAN 1927 SACCAMMINA ALANTICA WASHINGTON COAST 48 33N 123 00M 11776 CUSHMAN 1927 SACCAMMINA ALANTICA WASHINGTON COAST 48 33N 123 00M 11776 CUSHMAN 1927 SACCAMMINA ALANTICA WASHINGTON COAST 48 33N 123 00M 11776 CUSHMAN 1927 SACCAMMINA ALANTICA WASHINGTON COAST 48 33N 123 00M 11776 CUSHMAN 1927 SACCAMMINA ALANTICA WASHINGTON COAST 48 33N 123 00M 11776 CUSHMAN 1927 SACCAMMINA ALANTICA WASHINGTON COAST 48 33N 123 00M 11776 CUSHMAN 1927 SACCAMMINA ALANTICA WASHINGTON COAST 48 33N 123 00M 11776 CUSHMAN 1927 SACCAMMINA ALANTICA WASHINGTON COAST 48 33N 123 00M 11776 CUSHMAN 1927 SACCAMMINA ALANTICA WASHINGTON COAST 48 33N 123 00M 11778 CUSHMAN 1927 DENOROPHYRA ARBORESCENS BRITISH COLUMBIA 48					
11759 CUSHMAN TODD 1947 POLYMORPHINA KINCAIDI WASHINGTON COAST 48 32N 123 DOW 11761 TODD LOW 1967 POLYMORPHINA KINCAIDI WASHINGTON COAST 48 33N 123 DOW 11761 TODD LOW 1967 POLYMORPHINA KINCAIDI GULF OF ALASKA 59 32N 124 36N 11762 WHITEAVES 1886 LARYMOSIGMA LACTEA DISCOVERY PASSAGE, B.C. 48 45N 123 38N 11763 WHITEAVES 1886 ELPHIDIUM CRISPUM QUEEN CHARLOTTE SD., B.C. 50 35N 128 DOW 11764 WHITEAVES 1886 ELPHIDIUM CRISPUM QUEEN CHARLOTTE SD., B.C. 49 40N 124 56N 11764 WHITEAVES 1886 ELPHIDIUM CRISPUM QUEEN CHARLOTTE SD., B.C. 49 40N 124 56N 11766 WHITEAVES 1886 ELPHIDIUM STRIATOPUNCTATA COMOX HARROUR, B.C. 49 40N 124 56N 11766 WHITEAVES 1886 ELPHIDIUM STRIATOPUNCTATA JOHNSTONE STRAIT, B.C. 50 35N 128 DOW 11766 WHITEAVES 1886 ELPHIDIUM STRIATOPUNCTATA JOHNSTONE STRAIT, B.C. 50 30N 126 OSW 11768 COKEASIN 1963 POROEPONIDES CRIBROREPANDUS BRITISH COLUMBIA 49 00N 123 IN 11769 COOPER 1961 POROEPONIDES CRIBROREPANDUS BRITISH COLUMBIA 48 1AN 123 30N 11770 COKEASIN 1963 POROEPONIDES CRIBROREPANDUS BRITISH COLUMBIA 48 20N 124 13W 11772 OCKEASIN 1963 POROEPONIDES CRIBROREPANDUS BRITISH COLUMBIA 48 20N 124 13W 11772 OCKEASIN 1963 POROEPONIDES CRIBROREPANDUS BRITISH COLUMBIA 48 20N 123 DOW 11773 CUSHMAN MCCULLOCH 1939 SACCAMMINA HANCOCKI KETCHIKAN, ALASKA 55 21N 131 39W 11774 CUSHMAN 100D 1947 SACCAMMINA AILANTICA WASHINGTON COAST 48 32N 123 DOW 11775 CUSHMAN 100D 1947 SACCAMMINA AILANTICA WASHINGTON COAST 48 32N 123 DOW 11776 CUSHMAN 1927 SACCAMMINA AILANTICA WASHINGTON COAST 48 32N 123 DOW 11776 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 55N 124 45W 11779 CUSHMAN 1927 SACCAMMINA AILANTICA WASHINGTON COAST 48 32N 123 DOW 11778 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 55N 124 45W 11779 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 55N 124 45W 11779 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 55N 124 45W 11779 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 55N 124 45W 11779 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 55N 124 45W 11779 CUSHMAN 1927 DENDROPHYRA ARBORESCENS WASHINGTON COAST 48 32N 123 DOW 117	11757 COCKBAIN 1963	POLYMORPHINA	KINCAIDI	BRITISH COLUMBIA	48 45N 123 OOW
11760   CUSHMAN TODO   1947   POLTMORPHINA   XINCAIDI   WASHINGTON COAST   48 33N 123 00M					
11762 WHITEAVES 1886   LARYNGOSIGMA   LACIEA   DISCOVERY PASSAGE, B.C. 4. 8 45N 123 33W				WASHINGTON COAST	48 33N 123 00W
11763 WHITEAUES 1886					
11765 WHITEAVES 1886   ELPHIDIUM   CRISPUM   CRISPUM   QUEEN CHARLOTTE SD., D.C.   9 40N 124 56N   11767 WHITEAVES 1886   ELPHIDIUM   STRIATOPUNCTATA   JOHNSTONE STRAIT, B.C.   50 30N 126 05N   11768   COKRAIN 1963   POROEPONIDES   CRIBROREPANDUS   BRITISH COLUMBIA   49 00N 123 15N   11769   COCKBAIN 1965   POROEPONIDES   CRIBROREPANDUS   CALIFORNIA COAST   41 36N 124 13N   11771   COCKBAIN 1965   POROEPONIDES   CRIBROREPANDUS   BRITISH COLUMBIA   48 14N 123 30N   11772   COCKBAIN 1965   POROEPONIDES   CRIBROREPANDUS   BRITISH COLUMBIA   48 20N 123 00N   11772   CUSHMAN MCCULLOCH 1939   SACCAMMINA   ANNOCKI   KETCHIKAN, ALASKA   55 21N 131 39N   11773   CUSHMAN MCCULLOCH 1939   SACCAMMINA   ATLANTICA   WASHINGTON COAST   48 32N 123 10N   11775   CUSHMAN NCULLOCH 1939   SACCAMMINA   ATLANTICA   WASHINGTON COAST   48 33N 123 00N   11776   CUSHMAN 1927   SACCAMMINA   ATLANTICA   WASHINGTON COAST   48 33N 123 00N   11776   CUSHMAN 1927   SACCAMMINA   ATLANTICA   WASHINGTON COAST   48 33N 123 00N   11778   CUSHMAN 1927   SACCAMMINA   ATLANTICA   OFF OREGON   42 55N 124 45N   11779   CUSHMAN 1927   SACCAMMINA   ATLANTICA   OFF OREGON   42 55N 124 45N   11779   CUSHMAN 1927   SACCAMMINA   ATLANTICA   OFF OREGON   42 54N 124 48N   11779   CUSHMAN 1927   SACCAMMINA   ATLANTICA   OFF OREGON   42 54N 124 48N   11779   CUSHMAN 1927   SACCAMMINA   ATLANTICA   OFF OREGON   42 54N 124 48N   11779   CUSHMAN 1927   SACCAMMINA   ATLANTICA   OFF OREGON   42 54N 124 48N   11779   CUSHMAN 1927   SACCAMMINA   ATLANTICA   OFF OREGON   42 54N 124 48N   11779   CUSHMAN 1927   SACCAMMINA   ATLANTICA   OFF OREGON   42 54N 124 48N   11779   CUSHMAN 1927   PROTOSCHISTA   FINDENS   GRAY'S HARBOUR, WASH.   47 00N 124 08N   11788   CUSHMAN 1927   PROTOSCHISTA   FINDENS   GRAY'S HARBOUR, WASH.   47 00N 124 08N   11788   CUSHMAN 1967   PROTOSCHISTA   FINDENS   GRAY'S HARBOUR, WASH.   47 00N 124 08N   11788   CUSHMAN 1963   DENOROPHYRA   ARBORESCENS   WASHINGTON COAST   48 33N 123 00N   11780   CUCHANIN 1963   DENOROPHYRA   ARBORESCENS   BRITI	11763 WHITEAVES 1886	ELPHIDIUM	CRISPUM	QUEEN CHARLOTTE SD., B.C.	50 35N 126 57W
11766 WHITEAVES 1886 ELPHIDIUM STRIATOPUNCTATA COMOX HARBOUR, B.C. 49 40N 124 56N 11767 WHITEAVES 1886 ELPHIDIUM STRIATOPUNCTATA JOHNSIONE STRAIT, B.C. 50 30N 126 05N 11768 COCKBAIN 1963 POROEPONIDES CRIBROREPANDUS BRITISH COLUMBIA 49 00N 123 15N 11769 COCKBAIN 1963 POROEPONIDES CRIBROREPANDUS CALIFORNIA COAST 41 36N 124 13W 11770 COCKBAIN 1963 POROEPONIDES CRIBROREPANDUS BRITISH COLUMBIA 48 14N 123 30W 11771 COCKBAIN 1963 POROEPONIDES CRIBROREPANDUS BRITISH COLUMBIA 48 14N 123 30W 11772 DETLING 1958 POROEPONIDES LATERALIS SUNSET BAY, OREGON 43 21N 124 20W 11773 CUSHMAN MCCULLOCH 1939 SACCAMMINA HARCOCKI KETCHKAN, ALASKA 55 21N 131 39W 11774 CUSHMAN 190D 1947 SACCAMMINA AILANTICA WASHINGTON COAST 48 32N 123 10N 11775 CUSHMAN 190D 1947 SACCAMMINA AILANTICA WASHINGTON COAST 48 33N 123 10N 11776 CUSHMAN 1927 SACCAMMINA AILANTICA WASHINGTON COAST 48 33N 123 10N 11776 CUSHMAN 1927 SACCAMMINA AILANTICA WASHINGTON COAST 48 33N 123 00H 11779 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 45 54N 124 48W 11779 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 45 54N 124 48W 11779 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 45 54N 124 48W 11779 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 45 54N 124 48W 11780 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 45 54N 124 48W 11780 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 45 54N 124 48W 11780 CUSHMAN MCCULLOCH 1939 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 48W 11780 CUSHMAN MCCULLOCH 1939 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 48W 11780 CUSHMAN MCCULLOCH 1939 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 48W 11780 CUSHMAN MCCULLOCH 1939 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 48W 11780 CUSHMAN MCCULLOCH 1939 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 48W 11780 CUSHMAN MCCULLOCH 1939 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 48W 11780 CUSHMAN MCCULLOCH 1939 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 48W 11780 CUSHMAN MCCULLOCH 1939 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 48W 11780 CUSHMAN MCCULLOCH 1939 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 48W 11780 CUSHMAN MCCULLOCH	11764 WHITEAVES 1886			DUATSINO SOUND, B.B.	
11767 WHITEAVES 1886 ELPHIDIUM STRIATOPUNCTATA JOHNSTONE STRAIT, B.C. \$0 30N 126 05W 11768 COCKBAIN 1963 POROEPONIDES CRIBROREPANDUS CALIFORNIA COAST 41 36M 124 13W 11770 COCKBAIN 1963 POROEPONIDES CRIBROREPANDUS CALIFORNIA COAST 41 36M 124 13W 11771 COCKBAIN 1963 POROEPONIDES CRIBROREPANDUS BRITISH COLUMBIA 48 14N 123 30W 11771 COCKBAIN 1963 POROEPONIDES CRIBROREPANDUS BRITISH COLUMBIA 48 20N 123 00W 11772 DETLING 1958 POROEPONIDES CRIBROREPANDUS BRITISH COLUMBIA 48 20N 123 00W 11773 CUSHMAN MCCULLOCH 1939 SACCAMMINA HANCOCKI KETCHIKAN, ALASKA 55 21N 131 39W 11774 CUSHMAN 1900 1947 SACCAMMINA AILANTICA WASHINGTON COAST 48 32N 123 10W 11775 CUSHMAN 1927 SACCAMMINA AILANTICA WASHINGTON COAST 48 32N 123 10W 11776 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 55N 124 45W 11777 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 55N 124 45W 11778 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 55N 124 45W 11778 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 44W 11779 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 44W 11778 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 44W 11778 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 44W 11778 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 44W 11778 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 44W 11778 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 44W 11778 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 48W 11778 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 48W 11778 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 48W 11778 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 48W 11779 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 48W 11779 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 48W 11779 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 48W 11779 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 48W 11779 CUSHMAN 1928 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 48W 11779 CUSHMAN 1928 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 48W 11779 CUSHM				COMOX HARBOUR, B.C.	49 40N 124 56W
11770 COCKBAIN 1963 POROEPONIDES CRIBROREPANDUS BRITISH COLUMBIA 48 14N 123 30W 11771 COCKBAIN 1963 POROEPONIDES CRIBROREPANDUS BRITISH COLUMBIA 48 20N 123 00W 11772 OCILING 1958 POROEPONIDES CRIBROREPANDUS BRITISH COLUMBIA 48 20N 123 00W 11773 CUSHMAN MCCULLOCH 1939 SACCAMMINA HANCOCKI KETCHIKAN, ALASKA 55 21N 131 39W 11774 CUSHMAN TODD 1947 SACCAMMINA AILANTICA WASHINGTON COAST 48 32N 123 10N 11775 CUSHMAN TODD 1947 SACCAMMINA AILANTICA WASHINGTON COAST 48 32N 123 10N 11776 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 55N 124 45W 11778 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 55N 124 45W 11778 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 48W 11778 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 48W 11778 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 48W 11778 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 48W 11778 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 48W 11778 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 48W 11778 CUSHMAN 1927 SACCAMMINA AILANTICA OFF OREGON 42 54N 124 48W 11778 CUSHMAN 1927 SACCAMMINA LAGENARIA WASHINGTON COAST 48 32N 123 10M 11781 CUSHMAN TOOD 1947 SACCAMMINA LAGENARIA KETCHIKAN, ALASKA 55 21N 131 39N 11782 PHLEGER 1967 PROTOSCHISTA FINDENS COOS, BAY, OREGON 42 25N 124 08W 11783 PHLEGER 1967 PROTOSCHISTA FINDENS GRAY'S HARBOUR, WASH. 47 00N 124 08W 11785 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 45N 123 00W 11787 CUSHMAN TOOD 1947 DENBROPHYRA ARBORESCENS WASHINGTON COAST 48 32N 123 10W 11788 CUSHMAN TOOD 1947 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 123 00W 11790 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 123 10W 11791 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 124 10W 11793 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 122 51W 11793 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 123 11794 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 122 51W	117/7	ELPHIDIUM		JOHNSTONE STRAIT, B.C.	50 30N 126 05W
11771   COCKBAIN 1963   POROEPONIDES   CRIBROREPANDUS   BRITISH COLUMBIA   48 20N 123 00W     11772   CUSHMAN MCCULLOCH 1939   SACCAMMINA   HANCOCKI   KETCHIKAN, ALASKA   55 21N 131 39W     11773   CUSHMAN TODD 1947   SACCAMMINA   AILANTICA   WASHINGTON COAST   48 32N 123 10W     11775   CUSHMAN TODD 1947   SACCAMMINA   AILANTICA   WASHINGTON COAST   48 33N 123 00W     11775   CUSHMAN 1927   SACCAMMINA   AILANTICA   OFF OREGON   42 55N 124 45W     11776   CUSHMAN 1927   SACCAMMINA   AILANTICA   OFF OREGON   42 55N 124 45W     11777   CUSHMAN 1927   SACCAMMINA   AILANTICA   OFF OREGON   42 54N 124 48W     11778   CUSHMAN 1927   SACCAMMINA   AILANTICA   OFF OREGON   42 54N 124 48W     11778   CUSHMAN 1927   SACCAMMINA   AILANTICA   OFF OREGON   42 54N 124 48W     11778   CUSHMAN 1927   SACCAMMINA   AILANTICA   OFF OREGON   42 54N 124 48W     11778   CUSHMAN 1927   SACCAMMINA   AILANTICA   OFF OREGON   42 54N 124 48W     11780   CUSHMAN 1927   SACCAMMINA   AILANTICA   OFF OREGON   42 54N 124 48W     11781   CUSHMAN 1927   SACCAMMINA   LAGENARIA   WASHINGTON COAST   48 32N 123 10W     11782   CUSHMAN MCCULLOCH 1939   SACCAMMINA   LAGENARIA   KETCHIKAN, ALASKA   55 21N 131 39W     11783   PHLEGER 1967   PROTOSCHISTA   FINDENS   GRAY 'S HARBOUR, WASH.   47 00N 124 08W     11784   PHLEGER 1967   PROTOSCHISTA   FINDENS   GRAY 'S HARBOUR, WASH.   47 00N 124 08W     11785   COCKBAIN 1963   DENBROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 45N 123 10W     11786   CUSHMAN TODD 1947   DENBROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 33N 123 00W     11790   COCKBAIN 1963   DENBROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 20N 123 10W     11791   COCKBAIN 1963   DENBROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 20N 124 10W     11793   COCKBAIN 1963   DENBROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 20N 122 51W     11794   COCKBAIN 1963   DENBROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 20N 123 15W     11795   COCKBAIN 1963   DENBROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 20N 122 51W     11796   COCKBAIN 1963   DENBROP	11769 COOPER 1961	POROEPONIDES			41 36N 124 13W
11772 OETILING 1958	11770 COCKBAIN 1963	POROEPONIDES	C RI BROREPANDUS		48 14N 123 30W
11775 CUSHMAN TODD 1947 SACCAMMINA ATLANTICA WASHINGTON COAST 48 33N 123 ODN 11776 CUSHMAN 1927 SACCAMMINA ATLANTICA OFF OREGON 42 55N 124 45N 11776 CUSHMAN 1927 SACCAMMINA ATLANTICA OFF OREGON 42 55N 124 45N 117776 CUSHMAN 1927 SACCAMMINA ATLANTICA OFF OREGON 42 54N 124 48W 11778 CUSHMAN 1927 SACCAMMINA ATLANTICA OFF OREGON 42 54N 124 48W 11779 CUSHMAN 1927 SACCAMMINA ATLANTICA OFF OREGON 42 54N 124 48W 11780 CUSHMAN 1927 SACCAMMINA ATLANTICA OFF OREGON 42 54N 124 48W 11780 CUSHMAN TODD 1947 SACCAMMINA LAGENARIA WASHINGTON COAST 48 32N 123 10W 11781 CUSHMAN MCCULLOCH 1939 SACCAMMINA LAGENARIA KETCHIKAN, ALASKA 55 21N 131 39N 11782 PHLEGER 1967 PROTOSCHISTA FINDENS COOS, BAY, OREGON 42 25N 124 08W 11783 PHLEGER 1967 PROTOSCHISTA FINDENS GRAY'S HARBOUR, WASH. 47 00N 124 08W 11786 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 45N 123 00W 11786 TODD LOW 1967 DENBROPHYRA ARBORESCENS GULF OF ALASKA 59 32N 123 16W 11787 CUSHMAN TODD 1947 DENBROPHYRA ARBORESCENS WASHINGTON COAST 48 32N 123 10W 11788 CUSHMAN TODD 1947 DENBROPHYRA ARBORESCENS WASHINGTON COAST 48 32N 123 10W 11788 CUSHMAN TODD 1947 DENBROPHYRA ARBORESCENS WASHINGTON COAST 48 32N 123 10W 11789 TODO LOW 1967 DENBROPHYRA ARBORESCENS WASHINGTON COAST 48 33N 123 00W 11780 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 123 10W 11791 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 124 10W 11792 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 125 10W 11797 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 124 10W 11797 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 122 51W 11797 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 122 51W 11797 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 122 51W 11797 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 122 51W 11797 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 122 51W 11797 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 123 51W 11797 COCKBAIN 1963 DENBROPHYRA ARBO				BRITISH COLUMBIA Sunsfi bay, Oregon	
11775 CUSHMAN TODD 1947 SACCAMMINA ATLANTICA WASHINGTON COAST 48 33N 123 ODN 11776 CUSHMAN 1927 SACCAMMINA ATLANTICA OFF OREGON 42 55N 124 45N 11776 CUSHMAN 1927 SACCAMMINA ATLANTICA OFF OREGON 42 55N 124 45N 117776 CUSHMAN 1927 SACCAMMINA ATLANTICA OFF OREGON 42 54N 124 48W 11778 CUSHMAN 1927 SACCAMMINA ATLANTICA OFF OREGON 42 54N 124 48W 11779 CUSHMAN 1927 SACCAMMINA ATLANTICA OFF OREGON 42 54N 124 48W 11780 CUSHMAN 1927 SACCAMMINA ATLANTICA OFF OREGON 42 54N 124 48W 11780 CUSHMAN TODD 1947 SACCAMMINA LAGENARIA WASHINGTON COAST 48 32N 123 10W 11781 CUSHMAN MCCULLOCH 1939 SACCAMMINA LAGENARIA KETCHIKAN, ALASKA 55 21N 131 39N 11782 PHLEGER 1967 PROTOSCHISTA FINDENS COOS, BAY, OREGON 42 25N 124 08W 11783 PHLEGER 1967 PROTOSCHISTA FINDENS GRAY'S HARBOUR, WASH. 47 00N 124 08W 11786 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 45N 123 00W 11786 TODD LOW 1967 DENBROPHYRA ARBORESCENS GULF OF ALASKA 59 32N 123 16W 11787 CUSHMAN TODD 1947 DENBROPHYRA ARBORESCENS WASHINGTON COAST 48 32N 123 10W 11788 CUSHMAN TODD 1947 DENBROPHYRA ARBORESCENS WASHINGTON COAST 48 32N 123 10W 11788 CUSHMAN TODD 1947 DENBROPHYRA ARBORESCENS WASHINGTON COAST 48 32N 123 10W 11789 TODO LOW 1967 DENBROPHYRA ARBORESCENS WASHINGTON COAST 48 33N 123 00W 11780 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 123 10W 11791 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 124 10W 11792 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 125 10W 11797 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 124 10W 11797 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 122 51W 11797 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 122 51W 11797 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 122 51W 11797 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 122 51W 11797 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 122 51W 11797 COCKBAIN 1963 DENBROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 123 51W 11797 COCKBAIN 1963 DENBROPHYRA ARBO	11773 CUSHMAN MCCULLOCH 1939	SACCAMMINA	H AN COCK I	KETCHIKAN, ALASKA	55 21N 131 39W
11776 CUS HMAN 1927   SACCAMMINA   ATLANTICA   OFF OREGON   42 55N 124 45N     11777 CUS HMAN 1927   SACCAMMINA   ATLANTICA   OFF OREGON   42 54N 124 48N     11778 CUS HMAN 1927   SACCAMMINA   ATLANTICA   OFF OREGON   42 54N 124 48N     11779 CUS HMAN 1927   SACCAMMINA   ATLANTICA   OFF OREGON   42 54N 124 48N     11779 CUS HMAN 1927   SACCAMMINA   ATLANTICA   OFF OREGON   42 54N 124 48N     11780 CUS HMAN 1927   SACCAMMINA   ATLANTICA   OFF OREGON   42 54N 124 48N     11781 CUS HMAN MCCULLOCH 1939   SACCAMMINA   LAGENARIA   MASHINGTON COAST   48 32N 123 10N     11782 PHLEGER 1967   PROTOSCHISTA   FINDENS   COOS, BAY, OREGON   43 25N 124 08N     11783 PHLEGER 1967   PROTOSCHISTA   FINDENS   GRAY'S HARBOUR, WASH.   47 00N 124 08N     11785 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 45N 123 00N     11786 TODD LOW 1967   DENDROPHYRA   ARBORESCENS   GULF OF ALASKA   59 32N 142 36N     11787 CUS HMAN TODD 1947   DENDROPHYRA   ARBORESCENS   WASHINGTON COAST   48 32N 123 10N     11788 CUS HMAN TODD 1947   DENDROPHYRA   ARBORESCENS   WASHINGTON COAST   48 33N 123 00N     11789 CUS HMAN TODD 1947   DENDROPHYRA   ARBORESCENS   WASHINGTON COAST   48 33N 123 00N     11789 CUS HMAN TODD 1947   DENDROPHYRA   ARBORESCENS   WASHINGTON COAST   48 33N 123 00N     11790 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 20N 123 00N     11791 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 20N 123 00N     11792 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 20N 123 50N     11793 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 20N 122 51N     11794 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 20N 122 51N     11795 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 20N 122 51N     11795 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 20N 122 51N     11796 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 20N 122 51N     11797 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   B				WASHINGTON COAST	
11778 CUS HMAN 1927   SACCAMMINA   ATLANTICA   OFF OREGON   42 54N 124 48M   1779 CUS HMAN 1927   SACCAMMINA   ATLANTICA   OFF OREGON   42 54N 124 48M   1780 CUS HMAN TODD 1947   SACCAMMINA   LAGENARIA   WASHINGTON COAST   48 32N 123 10M   1782 PHLEGER 1967   PROTOSCHISTA   FINDENS   COOS. BAY, OREGON   43 25N 124 08M   1783 PHLEGER 1967   PROTOSCHISTA   FINDENS   GRAY'S HARBOUR, WASH.   47 00N 124 08M   1788 PHLEGER 1967   PROTOSCHISTA   FINDENS   GRAY'S HARBOUR, WASH.   47 00N 124 08M   1785 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 45N 123 00M   1786 TODD LOW 1967   DENDROPHYRA   ARBORESCENS   GULF OF ALASKA   59 32N 124 36M   1788 CUS HMAN TODD 1947   DENDROPHYRA   ARBORESCENS   WASHINGTON COAST   48 32N 123 10M   1787 CUS HMAN TODD 1947   DENDROPHYRA   ARBORESCENS   WASHINGTON COAST   48 32N 123 10M   1789 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   WASHINGTON COAST   48 33N 123 00M   1790 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 20N 125 00M   1790 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 20N 125 10M   1791 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 20N 125 10M   1797 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 20N 125 10M   1797 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 20N 124 10M   1797 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 20N 122 51M   1797 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 35N 122 51M   1797 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 35N 122 51M   1797 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 35N 122 51M   1797 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 35N 122 51M   1797 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 35N 122 51M   1797 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 20N 123 15M   1797 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   49 00N 123 15M   1797 COCKBAI					
11779 CUS HMAN 1927   SACCAMMINA	11777 CUSHMAN 1927				
11780 CUS HMAN TODD 1947   SACCAMMINA					
11782 PHLEGER 1967	11780 CUSHMAN TODD 1947				48 32N 123 10W
11783 PHLEGER 1967					
11785 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 45N 123 00M	11783 PHLEGER 1967	PROTOSCHISTA	FINDENS	GRAY'S HARBOUR, WASH.	47 00N 124 08W
11786 TODD   LOW 1967   DENDROPHYRA   ARBORESCENS   GULF OF ALASKA   59 32N 142 36M   11787 CUSHMAN TODD 1947   DENDROPHYRA   ARBORESCENS   WASHINGTON COAST   48 32N 123 10M   11788 CUSHMAN TODD 1947   DENDROPHYRA   ARBORESCENS   WASHINGTON COAST   48 33N 123 00M   11789 TODD   LOW 1967   DENDROPHYRA   ARBORESCENS   LYNN CANAL, ALASKA   58 40N 155 00M   11790 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 20N 123 00M   11791 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 14N 123 30M   11792 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 20N 124 10M   11793 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 35N 122 51M   11794 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 35N 122 51M   11794 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   49 00N 123 15M   122 51M   123 10M   123 10M   123 10M   123 10M   124 10M   12					
11788 CUSHMAN TODD 1947   DENDROPHYRA   ARBORESCENS   WASHINGTON COAST   48 33N 123 00W   11789 TODD LOW 1967   DENDROPHYRA   ARBORESCENS   LYNN CANAL, ALASKA   58 40N 135 00W   11790 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 20N 123 30W   11791 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 14N 123 30W   11792 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 20N 124 10W   11793 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   48 35N 122 51W   11794 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   49 00N 123 15W   11795 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   49 00N 123 15W   11796 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   49 00N 123 15W   11796 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   49 00N 123 15W   11796 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   49 00N 123 15W   11797 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   49 00N 123 15W   11798 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   49 00N 123 15W   11798 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   49 00N 123 15W   11798 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   49 00N 123 15W   11798 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   BRITISH COLUMBIA   49 00N 123 15W   11798 COCKBAIN 1963   DENDROPHYRA   ARBORESCENS   DENDROPHYRA   DENDROPHYR	11786 TODD LOW 1967	DENDROPHYRA	A RB ORESCENS	GULF OF ALASKA	59 32N 142 36W
11789 TODO LOW 1967         DENDROPHYRA         ARBORESCENS         LYNN CANAL, ALASKA         58 40N 155 00W           11790 COCKBAIN 1963         DENDROPHYRA         ARBORESCENS         BRITISH COLUMBIA         48 20N 123 00W           11791 COCKBAIN 1963         DENDROPHYRA         ARBORESCENS         BRITISH COLUMBIA         48 14N 123 30W           11792 COCKBAIN 1963         DENDROPHYRA         ARBORESCENS         BRITISH COLUMBIA         48 20N 124 10W           11793 COCKBAIN 1963         DENDROPHYRA         ARBORESCENS         BRITISH COLUMBIA         48 35N 122 51W           11794 COCKBAIN 1963         DENDROPHYRA         ARBORESCENS         BRITISH COLUMBIA         49 00N 123 15W					
11790 COCKBAIN 1963   DENDROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 123 00M   1791 COCKBAIN 1963   DENDROPHYRA ARBORESCENS BRITISH COLUMBIA 48 14N 123 30M   1792 COCKBAIN 1963   DENDROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 124 10M   11793 COCKBAIN 1963   DENDROPHYRA ARBORESCENS BRITISH COLUMBIA 48 35N 122 51M   1794 COCKBAIN 1963   DENDROPHYRA ARBORESCENS BRITISH COLUMBIA 49 00N 123 15W   1794 COCKBAIN 1963   DENDROPHYRA ARBORESCENS BRITISH COLUMBIA 49 00N 123 15W   1794 COCKBAIN 1963   DENDROPHYRA BRORESCENS BRITISH COLUMBIA 49 00N 123 15W   1794 COCKBAIN 1963   DENDROPHYRA BRORESCENS BRITISH COLUMBIA 49 00N 123 15W   1794 COCKBAIN 1963   DENDROPHYRA BRORESCENS BRITISH COLUMBIA 49 00N 123 15W   1794 COCKBAIN 1963   DENDROPHYRA BRORESCENS BRITISH COLUMBIA 49 00N 123 15W   1794 COCKBAIN 1963   DENDROPHYRA BRORESCENS BRITISH COLUMBIA 49 00N 123 15W   1794 COCKBAIN 1963   DENDROPHYRA BRORESCENS BRITISH COLUMBIA 49 00N 123 15W   1794 COCKBAIN 1963   DENDROPHYRA BRORESCENS				LYNN CANAL, ALASKA	
11792 COCKBAIN 1963 DENDROPHYRA ARBORESCENS BRITISH COLUMBIA 48 20N 124 10N 11793 COCKBAIN 1963 DENDROPHYRA ARBORESCENS BRITISH COLUMBIA 48 35N 122 51W 11794 COCKBAIN 1963 DENDROPHYRA ARBORESCENS BRITISH COLUMBIA 49 00N 123 15W	11790 COCKBAIN 1963				48 20N 123 00W
11793 COCKBAIN 1963 DENDROPHYRA ARBORESCENS BRITISH COLUMBIA 48 35N 122 51W 11794 COCKBAIN 1963 DENDROPHYRA ARBORESCENS BRITISH COLUMBIA 49 00N 123 15W					
11 740 140	11793 COCKBAIN 1963	DENDROPHYRA	A RB OR E S CENS	BRITISH COLUMBIA	48 35N 122 51W

Publication	Generic Name	Specific Name	GULF OF ALASKA GMBLER BAY, ALASKA LYNN CANAL, ALASKA TAKU HARBOUR, ALASKA BRITISH COLUMBIA GULF OF ALASKA GRITISH COLUMBIA BRITISH COLUMBIA GULF OF ALASKA GRITISH COLUMBIA GULF OF ALASKA GULF OF A	Lat. Long.
11796 BERGEN O'NEIL 1979 11797 TODD LOW 1967	DENDROPHYRA	ARBORESCENS	GULF OF ALASKA	59 56N 144 25W
11797 TOUD COW 1967 11798 SMITH 1973	P S A M M O S P H A E R A G A U D R Y I N A	FUS CA ATLANTICA	GULF OF ALASKA	59 32N 142 36W 54 55N 157 59W
11799 TODD LOW 1967	PSEUDONODOSARIA	RADICULA	GULF OF ALASKA	59 32N 142 36W
11800 TODD LOW 1967 11801 TODD LOW 1967	NONIONEL LA NONIONEL LA	A UR I CUL A	GAMBIER BAY, ALASKA	57 20N 134 02W
11802 TOOD LOW 1967	NONIONELLA	AURICULA	KASAAN BAY, ALASKA	55 26N 132 14W
11803 TODD LOW 1967 11804 COCKBAIN 1963	NONIONELLA	A UR I CUL A	TAKU HARBOUR, ALASKA	58 02N 134 00W
11805 COCKBAIN 1963	NONIONELLA	AURICULA	BRITISH COLUMBIA	49 15N 123 30W
11806 TODD LOW 1967 11807 TODD LOW 1967	NONIONEL LA	A UR I CUL A	GULF OF ALASKA	59 32N 142 36W
11808 COCKBAIN 1963	NONIONELLA	AURICULA	BRITISH COLUMBIA	48 20N 123 00W
11809 COCKBAIN 1963 11810 COCKBAIN 1963	PSEUDOPOLYMORPHINA	CHARLOTIENSIS	BRITISH COLUMBIA	48 45N 123 00W
11811 COCKBAIN 1963	PSEUDOPOLYMORPHINA	CHARLOTTENSIS	BRITISH COLUMBIA	49 15N 123 30W
11812 SMITH 1973 11813 BERGEN O'NEIL 1979	PSEUDOPOLYMORPH I NA	LIGUA	OFF ALASKA PENINSULA	54 55N 157 59W
11814 BERGEN O'NEIL 1979	PULLENIA	BULLOIDES	GULF OF ALASKA	59 30N 145 20W
11815 BERGEN O'NEIL 1979 11816 BERGEN O'NEIL 1979	PULLENIA	BULLOIDES	GULF OF ALASKA	59 25N 145 25W
11817 BERGEN O'NEIL 1979	PULLENIA	BULTOIDES	GULF OF ALASKA	59 DON 141 20W
11818 CUSHMAN AND TODD 1943 11819 CUSHMAN 1927	PULLENIA	MULTILOBATA	OFF OREGON	43 05N 125 01W
11820 COCKBAIN 1963	PULLENIA	SALISBURYI	BRITISH COLUMBIA	48 45N 123 00W
11821 COCKBAIN 1963 11822 COCKBAIN 1963	PULLENIA	SALISBURY!	BRITISH COLUMBIA	50 00N 125 07W
11823 COCKBAIN 1963	PULLENIA	SALISBURYI	BRITISH COLUMBIA	48 20N 123 00W
11824 COCKBAIN 1963 11825 COCKBAIN 1963	PULLENIA	SALISBURY!	BRITISH COLUMBIA	48 20N 124 10W
11826 CUS HMAN TODO 1947	JENDROPHYMA PSAMMOSPHAERA GAUDRYINA PSEUDONDOOSARIA NONIONELLA PSEUDOPOLYMORPHINA PSEUDOPOLYMORPHINA PSEUDOPOLYMORPHINA PSEUDOPOLYMORPHINA PULLENIA	SALISBURYI	WASHINGTON COAST	48 33N 123 00W
11827 CUSHMAN TODD 1947 11828 Todd Low 1967	PULLENIA	SAL ISBURYI	WASHINGTON COAST	48 32N 123 10W
11829 BERGEN O'NEIL 1979	PULLENIA PULLENIA PULLENIA PULLENIA PULLENIA PULLENIA	SALISBURYI	GULF OF ALASKA	59 30N 143 00W
11830 BERGEN O'NEIL 1979 11831 BERGEN O'NEIL 1979	PULLENIA	SAL ISBURY1 SAL ISBURYI	GULF OF ALASKA	59 25N 145 25W
11832 BERGEN O'NEIL 1979	PULLENIA	SALISBURYI	GULF OF ALASKA	59 30N 145 20W
11833 BERGEN O'NEIL 1979 11834 BERGEN O'NEIL 1979	PULLENIA	SALISBURYI SALISBURYI	GULF OF ALASKA	59 35N 146 30W
11835 BERGEN O'NEIL 1979	PULLENIA PULLENIA PULLENIA PULLENIA PULLENIA	SALISBURYI	GULF OF ALASKA	58 35N 138 15W
11836 BERGEN O'NEIL 1979 11837 BERGEN O'NEIL 1979	PULLENIA	SAL ISBURY I SAL ISBURY I	GULF OF ALASKA	59 00N 141 20W
11838 BERGEN O'NEIL 1979	PULLENIA	SALISBURYI	GULF OF ALASKA	58 50N 141 15W
11840 BERGEN O'NEIL 1979	PILLENTA	SAL ISBURYI SAL ISBURYI	GULF OF ALASKA	59 35N 143 00W
119/1 GEDCEN OFNET/ 1070	DILL LENTA	SALISBURYI	GULF OF ALASKA	56 40N 151 55W
11842 BERGEN O'NEIL 1979 11843 BERGEN O'NEIL 1979	PULLENIA	S AL 1 S BURY I S AL 1 S BURY I	GULF OF ALASKA	56 25N 152 45W
11844 BERGEN O'NEIL 1979	PULLENIA	SALISBURYI	GULF OF ALASKA	59 45N 144 55W
11845 SMITH 1973 11846 SMITH 1973	PULLENIA	QUI NQUELOBA	OFF ALASKA PENINSULA	45 4/N 160 36W 53 16N 161 33W
11847 SMITH 1973	PULLENIA PULLENIA PULLENIA PULLENIA PULLENIA PULLENIA PULLENIA PULLENIA EPONIDES BUCCELLA EPONIDES EPONIDES EPONIDES EPONIDES EPONIDES EPONIDES EPONIDES EPONIDES EPISTOMINELLA	QUINQUELOBA	OFF ALASKA PENINSULA	52 41N 155 36W
11848 CUSHMAN 1925 11849 CUSHMAN 1925	EPONIDES	COLUMBIENSIS COLUMBIENSIS	Q. CHARLOTTE SD., B.C.	54 10N 132 30W 52 20N 131 00W
11850 WHITEAVES 1886	BUCCELLA	FRIGIDA	JOHNSTONE STRAIT, B.C.	50 30N 126 05W
11851 WHITEAVES 1886 11852 CUSHMAN 1925	EPONIDES	FRIGIDA REPANDUS	VIRAGO SD., B.C.	54 10N 132 30W
11853 CUSHMAN 1925 11854 CUSHMAN 1915	EPONIDES	R EP ANDUS UMB ONA TUS	Q_ CHARLOTTE SD., B_C_	52 20N 131 00W
11855 CUSHMAN 1927	EPISTOMINELLA	PACIFICA	OFF OREGON	43 02N 125 00W
11856 CUSHMAN 1927 11857 CUSHMAN 1927	EPISTOMINELLA	PACIFICA PACIFICA	OFF OREGON	43 08N 124 55W
11858 CUSHMAN 1927	EPISTOMINELLA	PACIFICA	OFF OREGON	43 14N 124 43W
11859 CUSHMAN 1927 11860 TODD LOW 1967	EPISTOMINELLA PYRGO	PACIFICA ABYSSORUM	OFF OREGON	43 02N 124 55W
11861 TODD LOW 1967	PYRGO	DEPRESSA	GULF OF ALASKA	59 32N 142 36W
11862 TODD LOW 1967 11863 TODD LOW 1967	PYRGO PYRGO PYRGO PYRGO PYRGO PYRGO PYRGO	D EP RESSA LUC ERNULA	OFF OREGON OFF OREGON OFF OREGON OFF OREGON OFF OREGON OULF OF ALASKA GULF OF ALASKA CLARENCE ST., ALASKA EXCURSION, ALASKA GULF OF ALASKA	>> 21N 131 58₩ 58 25N 135 30⊔
11864 TODD LOW 1967	PYRGO	LUCERNULA	GULF OF ALASKA	59 32N 142 36W
11865 TODD LOW 1967 11866 BERGEN O'NEIL 1979	PYRGO PYRGO	L UC ERNU LA M UR RH I N A	KASAAN BAY, ALASKA GULF OF ALASKA	>> 26N 132 14W 59 55N 145 40W
11867 BERGEN O'NEIL 1979	PYRGO	MURRHINA	GULF OF ALASKA	58 35N 138 15W
11868 BERGEN O'NEIL 1979 11869 BERGEN O'NEIL 1979	PYRGO PYRGO	MURRHINA MURRHINA	GULF OF ALASKA GULF OF ALASKA	56 25N 152 45W 59 25N 145 25W
11870 BERGEN O'NEIL 1979	PYRGO	MURRHINA	GULF OF ALASKA	59 30N 143 00W
11871 BERGEN O'NEIL 1979 11872 BERGEN O'NEIL 1979	PYRGO PYRGO	MURRHINA MURRHINA	GULF OF ALASKA GULF OF ALASKA	58 35N 139 15W 59 42N 144 10W
11873 TODD LOW 1967	PYRGO	ROTALARIA	CLARENCE ST., ALASKA	55 21N 131 58W
11874 TODD LOW 1967 11875 COCKBAIN 1963	PYRGO PYRGO	VESPERTILIO WILLIAMSONI	GULF OF ALASKA BRITISH COLUMBIA	59 32N 142 36W 48 20N 123 00W
11876 COCKBAIN 1963	PYRGO	WILLIAMSONI	BRITISH COLUMBIA	48 45N 123 00W
11877 TOOD LOW 1967 11878 TOOD LOW 1967	PYRGOELLA QUINQUELOCULINA	S PH AERA A GG LUT I NA TA	GULF OF ALASKA GULF OF ALASKA	59 32N 142 36W 59 32N 142 36W
11879 TODD LOW 1967	QUINQUEL OCULINA	A GG L UT I NA TA	LYNN CANAL, ALASKA	58 40N 135 DOW
11880 BERGEN O'NEIL 1979 11881 BERGEN O'NEIL 1979	QUINQUEL OCULINA QUINQUEL OCULINA	AGGLUTINATA AGGLUTINATA	GULF OF ALASKA GULF OF ALASKA	59 35N 146 30W 56 30N 152 40W
11882 BERGEN O'NEIL 1979	QUINQUEL OCULINA	SP.	GULF OF ALASKA	56 30N 152 40W
11883 BERGEN O'NEIL 1979 11884 BERGEN O'NEIL 1979	QUINQUELOCULINA QUINQUELOCULINA	SP. SP.	GULF OF ALASKA GULF OF ALASKA	59 55N 142 25W 59 35N 146 30W
11885 BERGEN O'NEIL 1979	QUINQUELOCULINA	SP.	GULF OF ALASKA GULF OF ALASKA	56 40N 151 55W
11886 BERGEN O'NEIL 1979 11887 BERGEN O'NEIL 1979	QUINQUELOCULINA QUINQUELOCULINA	SP.	GULF OF ALASKA	59 55N 145 40W 56 25N 152 45W
11888 TODD LOW 1967	QUINQUELOCULINA QUINQUELOCULINA	AKNERIANA AKNERIANA	CLARENCE ST., ALASKA Excursion, Alaska	55 21N 131 58W
11889 TODD LOW 1967 11890 TODD LOW 1967	QUINQUELOCULINA	AKNERIANA	GULF OF ALASKA	58 25N 135 30W 59 32N 142 36W

1997 ICOS LON 1997  1998 ICOS LON 1998  1998 I	Publication	Generic Name	Specific Name	Locality	Lat. Long.
1100 1000 LOU 1707  1100 LOU 17				GAMBIER BAY, ALASKA	57 20N 134 02W 55 26N 132 14W
1180 COURT 1051 1070 COURT 1070 C				TAKU HARBOUR, ALASKA	58 OZN 134 ODW
11800   SERICES OF WELL 1979		QU1NQUEL OCULINA	AKNERIANA	OREGON COAST	
11877 CORPAGE 7095  11879 CANDON PRICEGE 1973  019001 CORPAGE 7095  019001 CORPAGE 7095  019001 CORPAGE 7095  019001 CORPAGE 7097  0190	11895 BERGEN O'NEIL 1979 11896 BERGEN O'NEIL 1979				
1990   1997	11897 COOPER 1961				44 02N 124 08W
1300  CAMPORD PRICEGE 1975   OUI MOUL COOLING AS (LICLA CAMPORT)   O				OREGON COAST	
1300   100				CRESCENT CITY, CALIF.	41 45N 124 13W
1900 BERGER O'NEIL 1979  ### CUINDUILDUINA ARCTICA  **CUIF OF ALASCA***  **STATE**  **CUITOR**  **CUIT		QUINQUELOCULINA	ARCTICA	GAMBIER BAY, ALASKA	
1906   ERECT O'NEIL 1977					
11900 CUSHAN 1000 1047   NILTOLIRELLA   Crecularis   Vashindom Coast   48 22 123 100   11000 CUSHAN 1000 1047   NILTOLIRELLA   CRECULARIS   VASHINDOM COAST   48 23 123 200   11000 CUSHAN 1000 1047   OUINOULCULINA   CLOCATA   VASHINDOM COAST   48 23 123 200   11000 CUSHAN 1000 1047   OUINOULCULINA   CLOCATA   VASHINDOM COAST   48 23 123 200   11010 CUSHAN 1000 1047   OUINOULCULINA   CLOCATA   VASHINDOM COAST   48 23 123 200   11011 CUSHAN 1000 1047   OUINOULCULINA   CLOCATA   VASHINDOM COAST   48 23 123 200   11011 CUSHAN 1000 1047   OUINOULCULINA   CLOCATA   VASHINDOM COAST   48 23 123 200   11011 CUSHAN 1000 1047   OUINOULCULINA   CLOCATA   VASHINDOM COAST   48 23 123 200   11011 CUSHAN 1000 1047   OUINOULCULINA   CLOCATA   VASHINDOM COAST   48 23 123 200   11011 CUSHAN 1000 1047   OUINOULCULINA   CLOCATA   VASHINDOM COAST   48 23 123 200   11011 OUINOULCULINA   CLOCATA   VASHINDOM COAST   48 23 123 200   11011 OUINOULCULINA   CLOCATA   VASHINDOM COAST   CLOCATA   VA		QUINQUELOCULINA	ARCTICA	GULF OF ALASKA	
11001 CUSHMAN TODO 1947	11905 CUSHMAN 1000 1947				
11000 CUS MARN 1000 1947	11907 CUSHMAN TODD 1947	MILIOLINELLA	C IR CULAR IS	WASHINGTON COAST	
11910 CUSHMAN TOOD 1947  11915 CUSHMAN TOOD 1947  11916 CUSHMAN TOOD 1947  11916 CUSHMAN TOOD 1947  11916 CUSHMAN TOOD 1947  11916 CUSHMAN TOOD 1947  11917 CUSHMAN TOOD 1947  11918 CUSHMAN TOOD 1947  11918 CUSHMAN TOOD 1947  11919 CUSHMAN TOOD 1947  11910 CUSHMAN TOOD 19					
19912 TOOS LOU 1967  MILTARE TOO TOO TOO 1967  MILTARE TOO TOO TOO 1967  MILTARE TOO TOO TOO TOO THE TOO TOO TOO TOO TOO TOO TOO TOO TOO TO	11910 CUSHMAN 1000 1947	QUINQUELOCULINA	ELONGATA	WASHINGTON COAST	48 33N 123 00W
11991 CUS MANA 1000 1947  11991 CUS MANA 1000 1957  11992 MANA 1000 1957  11993 MANA 1000 1957  11994 MANA 1000 1957  11995 MANA 1000 1957  11995 MANA 1000 1957  11995 MANA 1000 1957  11995 MANA 1000					
1995 AMARKORD PHEEGER 1975  1919 AMARKORD PHEEGER 1975  1919 AMARKORD PHEEGER 1975  1919 AMARKORD PHEEGER 1975  1919 AMARKORD 1931  1919 AMARKORD 1932	11913 CUSHMAN TODD 1947	MILIAMMINA		WASHINGTON COAST	48 43N 122 S5W
11975 MALLAND 1933  01)MOULECOLLINA SENTHULA CRESCEN CITY CALIF. 41 40% 124 144  11976 REGER O'NET TO				OFF WASHINGTON	
11978 1000 L CU 1967	11916 NATLAND 1933				41 46N 124 14W
1997 1000 LOW 1967  19720 1000 LOW 1967  19720 1000 LOW 1967  19721 1000 LOW 1967  19721 1000 LOW 1967  19721 1000 LOW 1967  19721 1000 LOW 1967  19722 1000 LOW 1967  19722 1000 LOW 1967  19723 1000 LOW 1967  19724 1000 LOW 1967  19724 1000 LOW 1967  19725 1000 LOW 1967  19724 1000 LOW 1967  19724 1000 LOW 1967  19725 1000 LOW 1967  19724 1000 LOW 1967  19724 1000 LOW 1967  19724 1000 LOW 1967  19725 1000 LOW 1967  19725 1000 LOW 1967  19725 1000 LOW 1967  19726 1000 LOW 1967  19727 1000					
1920 1000 LOU 1967  1921 1000 LOU 1967  1921 1000 LOU 1967  1921 1000 LOU 1967  1922 1000 LOU 1967  1923 1000 LOU 1967  1923 1000 LOU 1967  1924 1000 LOU 1967  1924 1000 LOU 1967  1925 1000 LOU 1967  1925 1000 LOU 1967  1926 1000 LOU 1967  1928 1000 LOU 1967  1929 1000 LOU 1967  1920 LOU 19				CLARENCE ST. ALASKA	55 21N 131 58W
11922 TORD LOW 1967  QUINQUELOULINA STALKER!  LARACES 1 ALASSA 55 21M 313 18W  11923 TORD LOW 1967  QUINQUELOULINA STALKER!  CASAN BAY ALASSA 55 21M 313 18W  11926 BERGEN O'NEL 1979  QUINQUELOULINA STALKER!  GULF OF ALASSA 55 21M 313 18W  11926 BERGEN O'NEL 1979  QUINQUELOULINA STALKER!  GULF OF ALASSA 55 21M 312 18W  11927 BERGEN O'NEL 1979  QUINQUELOULINA STALKER!  GULF OF ALASSA 57 31M 318 15W  11928 BERGEN O'NEL 1979  QUINQUELOULINA STALKER!  GULF OF ALASSA 39 35M 145 40W  11930 BERGEN O'NEL 1979  QUINQUELOULINA STALKER!  GULF OF ALASSA 39 35M 145 40W  11930 BERGEN O'NEL 1979  QUINQUELOULINA STALKER!  GULF OF ALASSA 39 45M 146 55W  11931 BERGEN O'NEL 1979  QUINQUELOULINA STALKER!  GULF OF ALASSA 39 45M 146 55W  11932 BERGEN O'NEL 1979  QUINQUELOULINA STALKER!  GULF OF ALASSA 39 42M 144 15W  11931 BERGEN O'NEL 1979  MILIOLINELLA SUBROTUNDA GULF OF ALASSA 39 42M 144 15W  11932 BERGEN O'NEL 1979  MILIOLINELLA SUBROTUNDA GULF OF ALASSA 39 50M 152 40W  11932 LANKFORD PHILEGER 1973  QUINQUELOULINA VULGARIS  11935 LANKFORD PHILEGER 1973  QUINQUELOULINA VULGARIS  GULF OF ALASSA 39 50M 142 25W  11935 LANKFORD PHILEGER 1973  QUINQUELOULINA VULGARIS  GULF OF ALASSA 39 50M 142 43W  11934 DERGEN O'NEL 1979  MILIOLINELLA SUBROTUNDA GULF OF ALASSA 39 50M 142 43W  11935 LANKFORD PHILEGER 1973  QUINQUELOULINA VULGARIS  GULF OF ALASSA 39 53M 142 43W  11936 COLSMAN TOOL 1967  RECURVOIDES  GUNFORD PHILEGER 1973  QUINQUELOULINA VULGARIS  GULF OF ALASSA 39 53M 142 43W  11934 COLSMAN TOOL 1967  RECURVOIDES  GUNFORD PHILEGER 1973  QUINQUELOULINA VULGARIS  GULF OF ALASSA 39 53M 142 42W  11934 COLSMAN TOOL 1967  RECURVOIDES  GUNFORD PHILEGER 1973  QUINQUELOULINA VULGARIS  GULF OF ALASSA 39 53M 142 42W  11934 TORD PHILEGER 1973  QUINQUELOULINA VULGARIS  GULF OF ALASSA 39 53M 142 43W  11934 COLSMAN TOOL 1967  RECURVOIDES  GUNFORD PHILEGER 1973  QUINQUELOULINA VULGARIS  GUNFORD PHILEGER 1973				GULF OF ALASKA	
11923 TODO LOW 1967 OUINQUELOCULINA STALKEST 11926 DERGEN O'NELL 1979 OUINQUELOCULINA STALKEST 11928 DERGEN O'NELL 1979 OUINQUELOCULINA STALKEST 11928 DERGEN O'NELL 1979 OUINQUELOCULINA STALKEST 11928 DERGEN O'NELL 1979 OUINQUELOCULINA STALKEST OUINQUELOCULINA VULGARIS O					
11926 BERGEN O'NELL 1979 OUINQUELOULINA STALKER! GULFOR ALASKA SR 25N 135 30M 1972 BERGEN O'NELL 1979 OUINQUELOULINA STALKER! GULF OF ALASKA SR 25N 138 15M 1972 BERGEN O'NELL 1979 OUINQUELOULINA STALKER! GULF OF ALASKA SR 25N 138 15M 1972 BERGEN O'NELL 1979 OUINQUELOULINA STALKER! GULF OF ALASKA SR 25N 145 ADD 1970 BERGEN O'NELL 1979 OUINQUELOULINA STALKER! GULF OF ALASKA SR 25N 143 DOD 1970 BERGEN O'NELL 1979 OUINQUELOULINA STALKER! GULF OF ALASKA SR 25N 143 DOD 1970 BERGEN O'NELL 1979 OUINQUELOULINA STALKER! GULF OF ALASKA SR 25N 143 DOD 1973 BERGEN O'NELL 1979 OUINQUELOULINA STALKER! GULF OF ALASKA SR 25N 145 ADD 1973 BERGEN O'NELL 1979 MILIOLINELLA SUBROTUMBA GULF OF ALASKA SR 25N 145 ADD 1973 BERGEN O'NELL 1979 MILIOLINELLA SUBROTUMBA GULF OF ALASKA SR 25N 145 ADD 1974 DOD 1974 MILIOLINELLA SUBROTUMBA GULF OF ALASKA SR 25N 145 ADD 1974 DOD 1974 MILIOLINELLA SUBROTUMBA GULF OF ALASKA SR 25N 145 ADD 1974 DOD 1974 MILIOLINELLA SUBROTUMBA GULF OF ALASKA SR 25N 145 ADD 1974 DOD 1974 MILIOLINELLA SUBROTUMBA GULF OF ALASKA SR 25N 147 ADD 1974 DOD 1974 MILIOLINELLA SUBROTUMBA GULF OF ALASKA SR 25N 147 ADD 1974 DOD 1974 MILIOLINELLA SUBROTUMBA GULF OF ALASKA SR 25N 147 ADD 1974 DOD 1974 MILIOLINELLA SUBROTUMBA GULF OF ALASKA SR 25N 147 ADD 1974 DOD 1974 MILIOLINELLA SUBROTUMBA GULF OF ALASKA SR 25N 147 ADD 1974 DOD 1974 MILIOLINELLA SUBROTUMBA GULF OF ALASKA SR 25N 172 DOD 1974 MILIOLINELLA SUBROTUMBA GULF OF ALASKA SR 25N 172 DOD 1974 MILIOLINELLA SUBROTUMBA GULF OF ALASKA SR 25N 172 DOD 1974 MILIOLINELA SUBROTUMBA GULF OF ALASKA SR 25N 172 DOD 1975 MILIOLINELA SUBROTUMBA GULF OF ALASKA SR 25N 172 DOD 1975 MILIOLINELA SUBROTUMBA GULF OF ALASKA SR 25N 172 DOD 1975 MILIOLINELA SUBROTUMBA GULF OF ALASKA SR 25N 173 DOD 1975 MILIOLINELA SUBROTUMBA GULF OF ALASKA SR 25N 173 DOD 1975 MILIOLINELA SUBROTUMBA GULF OF ALASKA SR 25N 173 DOD 1975 MILIOLINELA SUBROTUMBA GULF OF ALASKA SR 25N 173 DOD 173 DOD 1975 MILIOLINELA SUBROTUMBA GULF OF ALASKA SR 25N 173 DOD 173 DOD 1975 MILIOLINELA SUBROTUMBA GULF OF ALASKA SR 25N 173 DO		QUINQUELOCULINA	STALKERI		
11926 BERGEN O'NEIL 1979  QUIMQUELOULINA STALKER!  QUIF OF ALASKA 59 53N 158 15W  11928 BERGEN O'NEIL 1979  QUIMQUELOULINA STALKER!  QUIF OF ALASKA 59 53N 164 65W  11928 BERGEN O'NEIL 1979  QUIMQUELOULINA STALKER!  QUIF OF ALASKA 59 65N 164 65W  11930 BERGEN O'NEIL 1979  QUIMQUELOULINA STALKER!  QUIF OF ALASKA 59 65N 164 65W  11931 BERGEN O'NEIL 1979  QUIMQUELOULINA STALKER!  QUIF OF ALASKA 59 63N 164 65W  11932 BERGEN O'NEIL 1979  QUIMQUELOULINA STALKER!  QUIF OF ALASKA 59 30N 152 60W  11932 BERGEN O'NEIL 1979  QUIMQUELOULINA STALKER!  QUIF OF ALASKA 59 30N 152 60W  11932 BERGEN O'NEIL 1979  QUIMQUELOULINA STALKER!  QUIF OF ALASKA 59 30N 152 60W  11933 TOOL OU 1967  MILIOLINELLA SUBROTUNDA GUIF O' ALASKA 50 30N 152 60W  11935 TOOL OU 1967  MILIOLINELLA SUBROTUNDA GUIF O' ALASKA 50 30N 152 60W  11935 TOOL OU 1967  MILIOLINELLA SUBROTUNDA GUIF O' ALASKA 50 30N 152 60W  11935 TOOL OU 1967  MILIOLINELLA SUBROTUNDA GUIF O' ALASKA 50 30N 152 60W  11935 TOOL OU 1967  MILIOLINELLA SUBROTUNDA GUIF O' ALASKA 50 30N 152 60W  11935 TOOL OU 1967  MILIOLINELLA SUBROTUNDA GUIF O' ALASKA 50 30N 152 60W  11935 TOOL OU 1967  MILIOLINELLA SUBROTUNDA GUIF O' ALASKA 50 30N 152 60W  11935 TOOL OU 1967  MILIOLINELLA SUBROTUNDA GUIF O' ALASKA 50 30N 152 60W  11935 TOOL OU 1967  MILIOLINELLA SUBROTUNDA GUIF O' ALASKA 50 30N 152 60W  11935 TOOL OU 1967  MILIOLINELLA SUBROTUNDA GUIF O' ALASKA 50 30N 152 60W  11935 TOOL OU 1967  MILIOLINELLA SUBROTUNDA GUIF O' ALASKA 50 30N 152 60W  11935 TOOL OU 1967  MILIOLINELLA SUBROTUNDA GUIF A' ALASKA 50 30N 152 60W  11935 TOOL OU 1967  MILIOLINELLA SUBROTUNDA GUIF A' ALASKA 50 30N 152 60W  11935 TOOL OU 1967  MILIOLINELLA SUBROTUNDA GUIF A' ALASKA 50 30N 152 60W  11935 TOOL OU 1967  MILIOLINELLA SUBROTUNDA GUIF A' ALASKA 50 30N 152 60W  11935 TOOL OU 1967  MILIOLINELLA SUBROTUNDA GUIF A' ALASKA 50 30N 152 60W  11936 TOOL OU 1967  MILIOLINELLA SUBROTUNDA GUIF A' ALASKA 50 50N 152 60W  11936 TOOL OU 1967  MILIOLINELLA SUBROTUNDA GUIF A' ALASKA 50 50N 152 60W  11937 TOOL OU 1967  MILIOLINELLA SUBROTU					
11928 BERGEN O'MELL 1979  JUNDULLOULINA STALEER!  GULF OF ALASKA 59 35N 143 00N  11930 BERGEN O'MELL 1979  JUNDULLOULINA STALEER!  GULF OF ALASKA 59 35N 143 00N  11930 BERGEN O'MELL 1979  JUNDULLOULINA STALEER!  GULF OF ALASKA 59 35N 143 00N  11932 BERGEN O'MELL 1979  HILTOLINELLA SUBROTUNDA GULF OF ALASKA 50 30N 152 0N  11933 BOO LOW 1967  HILTOLINELLA SUBROTUNDA GULF OF ALASKA 56 30N 152 0N  11934 BERGEN O'MELL 1979  HILTOLINELLA SUBROTUNDA GULF OF ALASKA 57 20N 134 02N  11935 CLAKFORD PHICEGE 1977  JUNDULLOULINA VULGARIS  GUSWARN TODO 1947  RECURVOIDES  CONTORIUS  GAMBIER BAY, ALASKA 57 20N 134 02N  11939 TODO LOU 1967  RECURVOIDES  CONTORIUS  GAMBIER BAY, ALASKA 57 20N 134 02N  11940 COCKBAIN 1963  RECURVOIDES  TUBBINATUS  BRITISH COLUMBIA 49 40N 124 45N  11940 COCKBAIN 1963  RECURVOIDES  TUBBINATUS  BRITISH COLUMBIA 49 40N 124 45N  11940 COCKBAIN 1963  RECURVOIDES  TUBBINATUS  BRITISH COLUMBIA 49 40N 124 45N  11940 COCKBAIN 1963  RECURVOIDES  TUBBINATUS  BRITISH COLUMBIA 49 40N 124 45N  11940 COCKBAIN 1963  RECURVOIDES  TUBBINATUS  BRITISH COLUMBIA 49 40N 124 45N  11940 COCKBAIN 1963  RECURVOIDES  TUBBINATUS  BRITISH COLUMBIA 48 20N 123 30N  11940 COCKBAIN 1963  RECURVOIDES  TUBBINATUS  BRITISH COLUMBIA 48 20N 123 30N  11940 COCKBAIN 1963  RECURVOIDES  TUBBINATUS  BRITISH COLUMBIA 48 20N 123 30N  11940 COCKBAIN 1963  RECURVOIDES  TUBBINATUS  BRITISH COLUMBIA 48 20N 123 30N  11940 COCKBAIN 1963  RECURVOIDES  TUBBINATUS  BRITISH COLUMBIA 48 20N 123 30N  11940 COCKBAIN 1963  RECURVOIDES  TUBBINATUS  BRITISH COLUMBIA 48 20N 123 30N  11940 COCKBAIN 1963  RECURVOIDES  TUBBINATUS  BRITISH COLUMBIA 48 20N 123 30N  11940 COCKBAIN 1963  RECURVOIDES  TUBBINATUS  BRITISH COLUMBIA 48 20N 123 30N  11940 COCKBAIN 1963  RECURVOIDES  TUBBINATUS  BRITISH COLUMBIA 48 20N 123 30N  11940 COCKBAIN 1963  RECURVOIDES  TUBBINATUS  BRITISH COLUMBIA 48 20N 123 30N	11926 BERGEN O'NEIL 1979	QUINQUELOCULINA	STALKERI	GULF OF ALASKA	
11929 BERGEN O'NELL 1979 OULNOUELOCULINA STALKERI GULF OF ALASKA 59 35N 143 DOU 11930 BERGEN O'NELL 1979 OULNOUELOCULINA STALKERI GULF O'R ALASKA 59 42N 144 10N 1931 BERGEN O'NELL 1979 OULNOUELOCULINA STALKERI GULF O'R ALASKA 59 50N 145 50N 145 10N 1932 BERGEN O'NELL 1979 MILIOLINELLA SUBROTUNDA GULF O'R ALASKA 59 50N 145 50N 145 10N 1932 BERGEN O'NELL 1979 MILIOLINELLA SUBROTUNDA GULF O'R ALASKA 59 50N 145 50N 1932 OULNOUELOCULINA VULGARIS GREGEN O'NELL 1979 MILIOLINELLA SUBROTUNDA GULF O'R ALASKA 59 50N 144 28N 1935 LANKFORD PHLEGER 1973 OULNOUELOCULINA VULGARIS GRESCENT CITY. CALIF. 41 45N 124 13N 1935 LANKFORD PHLEGER 1973 OULNOUELOCULINA VULGARIS GRESCENT CITY. CALIF. 41 45N 124 13N 1935 CLANKFORD PHLEGER 1973 OULNOUELOCULINA VULGARIS GRESCENT CITY. CALIF. 41 45N 124 13N 1935 CLANKFORD PHLEGER 1973 OULNOUELOCULINA VULGARIS GRESCENT CITY. CALIF. 41 45N 124 13N 1935 CLANKFORD PHLEGER 1973 OULNOUELOCULINA VULGARIS GRESCENT CITY. CALIF. 41 45N 124 13N 1935 CLANKFORD PHLEGER 1973 OULNOUELOCULINA VULGARIS GRESCENT CITY. CALIF. 41 45N 124 13N 1935 CLANKFORD PHLEGER 1973 OULNOUELOCULINA VULGARIS GRESCENT CITY. CALIF. 41 45N 124 13N 1935 CLANKFORD PHLEGER 1973 OULNOUELOCULINA VULGARIS GRESCENT CITY. CALIF. 41 41 55N 124 13N 1935 CLANKFORD PHLEGER 1973 OULNOUELOCULINA VULGARIS GRESCENT CITY. CALIF. 41 55N 124 13N 1935 CLANKFORD PHLEGER 1973 OULNOUELOCULINA VULGARIS GRESCENT CITY. CALIF. 41 55N 124 13N 1935 CLANKFORD PHLEGER 1973 OULNOUELOCULINA VULGARIS GRESCENT CITY. CALIF. 41 55N 124 13N 1935 CLANKFORD PHLEGER 1973 OULNOUELOCULINA VULGARIS GRESCENT CITY. CALIF. 41 55N 124 13N 1935 CLANKFORD PHLEGER 1973 OULNOUELOCULINA VULGARIS GRESCENT CITY. CALIF. 41 55N 124 13N 1935 CLANKFORD PHLEGER 1973 OULNOUELOCULINA VULGARIS GRESCENT CITY. CALIF. 41 55N 124 13N 1936 CLANKFORD PHLEGER 1973 OULNOUELOCULINA VULGARIS GRESCENT CITY. CALIF. 41 55N 124 13N 1936 CLANKFORD PHLEGER 1973 OULNOUELOCULINA VULGARIS GRESCENT CITY. CALIF. 41 55N 124 13N 1936 CLANKFORD PHLEGER 1973 OULNOUELOCULINA VULGARIS GRESCENT CITY. CALIF. 41 55N 124					
11931 BERGEN O'NEIL 1979  MILIOLINELLA SUBROTUNDA GULF OF ALASKA 59 30N 145 20N 11933 TOOD LOU 1907  MILIOLINELLA SUBROTUNDA GULF OF ALASKA 57 20N 134 02N 11934 BERGEN O'NEIL 1979  MILIOLINELLA SUBROTUNDA GAMBIER BAY. ALASKA 57 20N 134 02N 11935 LANKYORD PHILEGER 1973  GUINGUELOULINA LANKYORD PHILEGER 1973  GUINGUELOULINA LANKYORD PHILEGER 1973  GUINGUELOULINA VILORIS CRESCERT CTITY. CALIF. 41 58N 124 13N 11937 LOSHMAN TODO 1947  GUINGUELOULINA VILORIS CRESCERT CTITY. CALIF. 41 58N 124 13N 11938 CUSHMAN TODO 1947  GUINGUELOULINA VILORIS CRESCERT CTITY. CALIF. 41 58N 123 10N 11938 CUSHMAN TODO 1947  GUINGUELOULINA VILORIS CHARLES CRESCERT CTITY. CALIF. 41 58N 123 10N 11938 CUSHMAN TODO 1947  GUINGUELOULINA VILORIS CHARLES CONTORIUS CRESCERT CTITY. CALIF. 41 58N 123 10N 11939 TODO LOU 1967  RECURVOIDES CONTORIUS CABBER CARREST CONTORIUS CABBER BAY. ALASKA 57 20N 134 02N 11941 TODO LOU 1967  RECURVOIDES CONTORIUS GULF OF ALASKA 57 20N 134 02N 11942 COCKBAIN 1963  RECURVOIDES TUBBINATUS BRITISH COLUMBIA 48 20N 123 15N 11944 COCKBAIN 1963  RECURVOIDES TUBBINATUS BRITISH COLUMBIA 48 20N 123 15N 11946 COCKBAIN 1963  RECURVOIDES TUBBINATUS BRITISH COLUMBIA 48 20N 123 35N 11946 COCKBAIN 1963  RECURVOIDES TUBBINATUS BRITISH COLUMBIA 48 20N 123 35N 11948 EFICAL 1969  RECURVOIDES TUBBINATUS BRITISH COLUMBIA 48 20N 124 22N 11948 EFICAL 1969  RECURVOIDES TUBBINATUS BRITISH COLUMBIA 48 20N 124 22N 11948 EFICAL 1969  RECURVOIDES TUBBINATUS BRITISH COLUMBIA 48 20N 124 22N 11948 EFICAL 1969  RECURVOIDES TUBBINATUS BRITISH COLUMBIA 48 20N 124 22N 11948 EFICAL 1969  RECURVOIDES TUBBINATUS BRITISH COLUMBIA 48 20N 124 22N 11948 EFICAL 1969  RECURVOIDES TUBBINATUS BRITISH COLUMBIA 48 20N 124 22N 11948 EFICAL 1969  RECURVOIDES TUBBINATUS BRITISH COLUMBIA 48 20N 124 22N 11948 EFICAL 1969  RECURVOIDES TUBBINATUS BRITISH COLUMBIA 48 20N 124 22N 11948 EFICAL 1969  RECURVOIDES TUBBINATUS BRITISH COLUMBIA 48 20N 124 22N 11948 EFICAL 1969  RECURVOIDES TUBBINATUS BRITISH COLUMBIA 48 20N 124 22N 11948 EFICAL 1969  RECURVOIDES TUBBINATUS BRITIS	11929 BERGEN O'NEIL 1979	QUINQUELOCULINA	STALKERI	GULF OF ALASKA	59 35N 143 00W
11932 BERGEN O'NEIL 1979 MILIOLINELLA SUBROTUNDA GULF OF ALASKA 56 30M 152 ADV 1933 TODO LOU 1967 MILIOLINELLA SUBROTUNDA GULFOF ALASKA 57 ZON 134 OZN 11934 BERGEN O'NEIL 1979 MILIOLINELLA SUBROTUNDA GULF OF ALASKA 57 ZON 134 OZN 11935 ERROR O'NEIL 1979 MILIOLINELLA SUBROTUNDA GULF OF ALASKA 57 ZON 134 OZN 11935 CANCER PROFESSOR COLUMBA GULF OF ALASKA 57 ZON 134 OZN 11935 CANCER PROFESSOR COLUMBA GULF OF ALASKA 57 ZON 134 OZN 11935 CANCER PROFESSOR COLUMBA GULF OF ALASKA 57 ZON 134 OZN 11935 CUSMAR TODO 1947 GUIMOUELOCULINA VULGARIS MASHINGTON COAST 48 33N 123 ODN 11938 CUSMAR TODO 1947 RECURVOIDES CONTORIUS MASHINGTON COAST 48 33N 123 ODN 11930 TODO LOU 1967 RECURVOIDES CONTORIUS MASHINGTON COAST 48 32N 123 TON 11940 TODO LOU 1967 RECURVOIDES CONTORIUS MASHINGTON COAST 48 32N 123 TON 11940 TODO LOU 1967 RECURVOIDES CONTORIUS MASHINGTON COAST 48 32N 123 TON 11940 TODO LOU 1967 RECURVOIDES CONTORIUS MASHINGTON COAST 48 32N 123 TON 11940 TODO LOU 1967 RECURVOIDES TOTORIUS MASHINGTON COAST 48 32N 124 ADAT 1944 TO TOTORIUS MASHINGTON COAST 48 32N 124 ADAT 1944 TO TOTORIUS MASHINGTON COAST 48 32N 124 ADAT 1944 TO TOTORIUS MASHINGTON COAST 48 32N 124 ADAT 1944 TO TOTORIUS MASHINGTON COAST 48 32N 124 ADAT 1944 TO TOTORIUS MASHINGTON COAST 48 ADAT 1945 TO TOTORIUS MASHINGTON COAST 49 ADAT 1945 COCKBAIN 1963 RECURVOIDES TUBBINATUS BRITISH COLUMBIA 49 ADAT 1945 COCKBAIN 1963 RECURVOIDES TUBBINATUS BRITISH COLUMBIA 48 ADAT 1945 COCKBAIN 1963 RECURVOIDES TUBBINATUS BRITISH COLUMBIA 48 ADAT 1945 COCKBAIN 1963 RECURVOIDES TUBBINATUS BRITISH COLUMBIA 48 ADAT 1945 COCKBAIN 1963 RECURVOIDES TUBBINATUS BRITISH COLUMBIA 48 ADAT 1945 COCKBAIN 1963 RECURVOIDES TUBBINATUS BRITISH COLUMBIA 48 ADAT 1945 COCKBAIN 1963 RECURVOIDES TUBBINATUS BRITISH COLUMBIA 48 ADAT 1945 COCKBAIN 1963 RECURVOIDES TUBBINATUS BRITISH COLUMBIA 48 ADAT 1945 COCKBAIN 1963 RECURVOIDES TUBBINATUS BRITISH COLUMBIA 48 ADAT 1945 COCKBAIN 1963 RECURVOIDES TUBBINATUS BRITISH COLUMBIA 48 ADAT 1945 COCKBAIN 1963 RECURVOIDES TUBBINATUS BRITISH COLUMBIA 48 ADAT 1945 CO					
11935 LANKFORD PHLEGER 1973  QUIMQUELOCULINA 11936 LANKFORD PHLEGER 1973  QUIMQUELOCULINA 11936 LANKFORD PHLEGER 1973  QUIMQUELOCULINA 11937 CUSMAN TODO 1947  QUIMQUELOCULINA 11938 CANKFORD PHLEGER 1973  QUIMQUELOCULINA 11938 CANKFORD PHLEGER 1973  QUIMQUELOCULINA 11937 CUSMAN TODO 1947  QUIMQUELOCULINA 11938 CANKFORD PHLEGER 1973  QUIMQUELOCULINA 11938 CANKFORD PHLEGER 1973  QUIMQUELOCULINA 11937 CUSMAN TODO 1947  QUIMQUELOCULINA 11938 CORECT TITY, CALIF. 4 145N 124 13M 11938 CORECT TITY, CALIF. 4 145N 124 13M 11937 CORECT TITY, CALIF. 4 145N 124 13M 11938 CORECT TITY, CALIF. 4 141 14M 11938 CORECT TIT	11932 BERGEN O'NEIL 1979			GULF OF ALASKA	56 30N 152 40W
11935 LANKFORD PHEEGER 1973  OUINDUELOCULINA 11936 LANKFORD PHEEGER 1973  OUINDUELOCULINA 11937 CUSHMAN TODO 1747  OUINDUELOCULINA 11938 CUSHMAN TODO 1747  OUINDUELOCULINA VULGARIS  WASHINGTON COAST 48 33h 123 DON 11939 TODO 100 1787  RECURVOIDES CONIDRIUS					
11936 CUSHMAN TODO 1947  11937 TODO LOU 1967  11937 TODO LOU 1967  11938 CUSHMAN TODO 1947  11938 CUSHMAN TODO 1947  11938 CUSHMAN TODO 1947  11938 CUSHMAN TODO 1947  11938 CUSHMAN TODO LOU 1967  11939 CUSHMAN TODO LOU 1967  11930 CUSH	11935 LANKFORD PHLEGER 1973	QUINQUELOCULINA		CRESCENT CITY, CALIF.	41 45N 124 13W
11938 CUSHMAN TODO 1947  11938 TODO LOW 1967  11907 TODO LOW 1967  11908 TODO LOW 1968  11908 TODO LOW 1967  11908 TODO LOW 1967  11908 TODO LOW 1968  11908					
11940 TOOD LOW 1997 RECURVOIDES CONTORIUS GAMBIER BAY, ALASKA 57 ZON 134 02W 11941 TOOD LOW 1997 RECURVOIDES I URBINATUS EXCURSION, ALASKA 59 32N 142 32W 11942 TOOD LOW 1997 RECURVOIDES I URBINATUS BRITISH COLUMBIA 49 40N 124 45W 11943 COKRAIN 1903 RECURVOIDES TURBINATUS BRITISH COLUMBIA 49 0N 123 15W 11944 COKRAIN 1903 RECURVOIDES TURBINATUS BRITISH COLUMBIA 49 0N 123 15W 11945 COKRAIN 1903 RECURVOIDES TURBINATUS BRITISH COLUMBIA 48 20N 123 50W 11946 COKRAIN 1903 RECURVOIDES TURBINATUS BRITISH COLUMBIA 48 20N 123 50W 11946 COKRAIN 1903 RECURVOIDES TURBINATUS BRITISH COLUMBIA 48 35N 122 51W 11947 COKRAIN 1903 RECURVOIDES TURBINATUS BRITISH COLUMBIA 48 35N 122 51W 11948 COKRAIN 1903 RECURVOIDES TURBINATUS BRITISH COLUMBIA 48 35N 122 51W 11948 COKRAIN 1903 RECURVOIDES TURBINATUS BRITISH COLUMBIA 48 35N 122 51W 11949 COKRAIN 1903 RECURVOIDES TURBINATUS BRITISH COLUMBIA 48 45N 123 50W 11950 COKRAIN 1903 RECURVOIDES TURBINATUS BRITISH COLUMBIA 48 45N 123 50W 11951 ECHOLES 1909 RECURVOIDES TURBINATUS BRITISH COLUMBIA 48 5N 122 50W 11951 ECHOLES 1909 RECURVOIDES TURBINATUS BRITISH COLUMBIA 48 14M 123 30W 11951 ECHOLES 1909 RECURVOIDES TURBINATUS BRITISH COLUMBIA 48 14M 123 30W 11951 ECHOLES 1909 RECURVOIDES TURBINATUS BRITISH COLUMBIA 48 14M 123 30W 11952 COKRAIN 1903 RECURVOIDES TURBINATUS BRITISH COLUMBIA 48 14M 123 30W 11954 COKRAIN 1903 RECURVOIDES TURBINATUS BRITISH COLUMBIA 48 14M 123 30W 11955 COKRAIN 1903 RECURVOIDES TURBINATUS BRITISH COLUMBIA 48 20W 124 46W 11955 COKRAIN 1903 RECURVOIDES TURBINATUS BRITISH COLUMBIA 48 12W 120 120 120 120 120 120 120 120 120 120					
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11951 ECHOLS 1969   RECURVOIDES   TURBINATUS   WASHINGTON COAST   48 20N 124 44W   11952 ECHOLS 1969   RECURVOIDES   TURBINATUS   WASHINGTON COAST   47 00N 124 144W   11953 BERGEN O'NEIL 1979   RECURVOIDES   TURBINATUS   BRITISH COLUMBIA   48 20N 124 10W   11954 COCKBAIN 1963   RECURVOIDES   TURBINATUS   BRITISH COLUMBIA   48 20N 124 10W   11955 COCKBAIN 1963   REOPHAX   CURTUS   BRITISH COLUMBIA   48 20N 124 10W   11956 COCKBAIN 1963   REOPHAX   CURTUS   BRITISH COLUMBIA   48 20N 123 00W   11958 COCKBAIN 1963   REOPHAX   CURTUS   BRITISH COLUMBIA   48 20N 124 10W   11959 COCKBAIN 1963   REOPHAX   CURTUS   BRITISH COLUMBIA   49 20N 123 00W   11958 COCKBAIN 1963   REOPHAX   CURTUS   BRITISH COLUMBIA   49 15N 123 30W   11959 COCKBAIN 1963   REOPHAX   CURTUS   BRITISH COLUMBIA   49 15N 123 30W   11959 COCKBAIN 1963   REOPHAX   CURTUS   BRITISH COLUMBIA   49 40N 124 45W   11960 COCKBAIN 1963   REOPHAX   CURTUS   BRITISH COLUMBIA   49 15N 123 30W   11960 COCKBAIN 1963   REOPHAX   CURTUS   BRITISH COLUMBIA   49 40N 124 45W   11960 COCKBAIN 1963   REOPHAX   CURTUS   BRITISH COLUMBIA   48 35N 122 51W   11961 SMIT 1973   REOPHAX   CURTUS   BRITISH COLUMBIA   48 35N 122 51W   11962 SMITH 1973   REOPHAX   DENTALINIFORMIS   OFF ALASKA PENINSULA   48 61N 161 07W   11963 SMITH 1973   SACCAMMINA   ATLANTICA   OFF ALASKA PENINSULA   48 61N 161 07W   11965 SMITH 1973   SACCAMMINA   ATLANTICA   OFF ALASKA PENINSULA   52 41N 155 36W   11966 SMITH 1973   SACCAMMINA   ATLANTICA   OFF ALASKA PENINSULA   48 61N 161 07W   11966 SMITH 1973   SACCAMMINA   ATLANTICA   OFF ALASKA PENINSULA   48 61N 161 07W   11966 SMITH 1973   SACCAMMINA   ATLANTICA   OFF ALASKA PENINSULA   48 61N 161 07W   11966 SMITH 1973   SACCAMMINA   ATLANTICA   OFF ALASKA PENINSULA   48 61N 161 07W   11966 SMITH 1973   SACCAMMINA   ATLANTICA   OFF ALASKA PENINSULA   48 61N 161 07W   11966 SMITH 1973   REOPHAX   EXCENTRICUS   OFF ALASKA PENINSULA   49 50N 160 57W   11966 SMITH 1973   REOPHAX   EXCENTRICUS   OFF ALASKA PENINSULA   49 50N 160 57W   11966 SMITH 1973					
11953 BERGEN O'NEIL 1979 RECURVOIDES TUBBINATUS BRITISH COLUMBIA 48 20N 124 10W 11955 COCKBAIN 1963 REOPHAX CURTUS BRITISH COLUMBIA 48 20N 123 30W 11956 COCKBAIN 1963 REOPHAX CURTUS BRITISH COLUMBIA 48 20N 123 30W 11957 COCKBAIN 1963 REOPHAX CURTUS BRITISH COLUMBIA 48 20N 124 10W 11958 COCKBAIN 1963 REOPHAX CURTUS BRITISH COLUMBIA 48 20N 124 10W 11958 COCKBAIN 1963 REOPHAX CURTUS BRITISH COLUMBIA 49 15N 123 30W 11950 COCKBAIN 1963 REOPHAX CURTUS BRITISH COLUMBIA 49 15N 123 30W 11960 COCKBAIN 1963 REOPHAX CURTUS BRITISH COLUMBIA 49 15N 123 30W 11961 SMITH 1973 REOPHAX CURTUS BRITISH COLUMBIA 49 45N 122 51W 11963 SMITH 1973 REOPHAX CURTUS BRITISH COLUMBIA 48 55N 122 51W 11964 SMITH 1973 REOPHAX DENTALINIFORMIS OFF ALASKA PENINSULA 48 61N 161 07W 11963 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 53 16N 161 33W 11964 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 48 61N 161 07W 11965 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 48 61N 161 07W 11965 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 48 61N 161 07W 11965 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 48 61N 161 07W 11965 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 52 11M 155 36W 11966 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 48 61N 161 07W 11968 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 48 61N 161 07W 11968 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 48 61N 161 07W 11968 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 48 61N 161 07W 11968 SMITH 1973 REOPHAX DISTANS OFF ALASKA PENINSULA 48 61N 161 07W 11968 SMITH 1973 REOPHAX EXCENTRICUS OFF ALASKA PENINSULA 48 61N 161 07W 11976 SMITH 1973 REOPHAX EXCENTRICUS OFF ALASKA PENINSULA 48 61N 161 07W 11976 SMITH 1973 REOPHAX OUTTIFER GULF OF ALASKA 59 30N 142 50W 11977 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 142 50W 11977 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 142 50W 11977 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 142 50W 11977 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA	11951 ECHOLS 1969	RECURVOIDES	TURBINATUS	WASHINGTON COAST	48 20N 124 44W
11956 COCKBAIN 1963 RECURVOIDES IUBBINATUS BRITISH COLUMBIA 48 20N 124 10W 11956 COCKBAIN 1963 REOPHAX CURIUS BRITISH COLUMBIA 48 20N 123 00W 11957 COCKBAIN 1963 REOPHAX CURIUS BRITISH COLUMBIA 48 20N 123 00W 11958 COCKBAIN 1963 REOPHAX CURIUS BRITISH COLUMBIA 48 20N 124 10W 11959 COCKBAIN 1963 REOPHAX CURIUS BRITISH COLUMBIA 49 20N 124 00W 11959 COCKBAIN 1963 REOPHAX CURIUS BRITISH COLUMBIA 49 10N 124 30W 11959 COCKBAIN 1963 REOPHAX CURIUS BRITISH COLUMBIA 49 10N 124 30W 11959 COCKBAIN 1963 REOPHAX CURIUS BRITISH COLUMBIA 49 40N 124 45W 11960 COCKBAIN 1963 REOPHAX CURIUS BRITISH COLUMBIA 49 40N 124 45W 11961 SMITH 1973 REOPHAX CURIUS BRITISH COLUMBIA 48 35N 122 51W 11962 SMITH 1973 REOPHAX DENTALINIFORMIS OFF ALASKA PENINSULA 48 61N 161 33W 11963 SMITH 1973 REOPHAX DENTALINIFORMIS OFF ALASKA PENINSULA 48 61N 161 37W 11964 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 48 61N 161 37W 11965 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 48 61N 161 07W 11966 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 48 61N 161 37W 11967 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 48 61N 161 37W 11968 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 48 61N 161 37W 11969 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 48 61N 161 37W 11969 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 49 50N 160 35W 11969 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 48 61N 161 07W 11969 SMITH 1973 REOPHAX EXCENTRICUS OFF ALASKA PENINSULA 48 61N 161 07W 11970 CUSHMAN 1927 REOPHAX EXCENTRICUS OFF ALASKA PENINSULA 48 61N 161 07W 11971 SMITH 1973 REOPHAX EXCENTRICUS OFF ALASKA DENINSULA 48 61N 161 07W 11973 REOPHAX EXCENTRICUS OFF ALASKA 59 30N 142 50W 11974 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 142 50W 11975 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 142 50W 11977 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 142 50W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 142 50W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N					
11956 COCKBAIN 1963 REOPHAX CUPIUS BRITISH COLUMBIA 48 20N 123 00W 11958 COCKBAIN 1963 REOPHAX CURIUS BRITISH COLUMBIA 48 20N 124 10W 11958 COCKBAIN 1963 REOPHAX CURIUS BRITISH COLUMBIA 49 15N 123 30W 11959 COCKBAIN 1963 REOPHAX CURIUS BRITISH COLUMBIA 49 15N 123 30W 11950 COCKBAIN 1963 REOPHAX CURIUS BRITISH COLUMBIA 49 40N 124 45W 11960 COCKBAIN 1963 REOPHAX CURIUS BRITISH COLUMBIA 48 35N 122 51W 11961 SMITH 1973 REOPHAX DENIALINIFORMIS OFF ALASKA PENINSULA 48 61N 161 07W 11962 SMITH 1973 REOPHAX DENIALINIFORMIS OFF ALASKA PENINSULA 48 61N 161 07W 11963 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 52 41N 155 36W 11964 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 48 61N 161 07W 11965 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 48 61N 161 07W 11966 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 48 61N 161 07W 11967 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 48 61N 161 07W 11968 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 48 61N 161 07W 11969 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 48 61N 161 07W 11969 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 48 61N 161 07W 11969 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 49 50N 160 57W 11969 SMITH 1973 REOPHAX DISTANS OFF ALASKA PENINSULA 49 50N 160 57W 11970 CUSHMAN 1927 REOPHAX EXCENTRICUS OFF ALASKA PENINSULA 49 50N 160 57W 11971 SMITH 1973 REOPHAX EXCENTRICUS OFF ALASKA PENINSULA 49 50N 160 57W 11972 SMITH 1973 REOPHAX EXCENTRICUS OFF ALASKA PENINSULA 49 50N 160 57W 11973 CUSHMAN MCCULLOCH 1939 REOPHAX EXCENTRICUS OFF ALASKA DENINSULA 49 50N 160 57W 11974 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 142 55W 11975 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 145 20W 11977 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 142 55W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 142 55W 11979 TOOD LOW 1967 REOPHAX HOPPAX HOPPAX GUTTIFER GULF OF ALASKA 59 30N 142 55W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 143 50W 11978 BE	11954 COCKBAIN 1963	RECURVOIDES	IURBINATUS	BRITISH COLUMBIA	48 20N 124 10W
11957   COCKBAIN 1963   REOPHAX   CURIUS   BRITISH COLUMBIA   48 20N 124 10W					
11959 COCKBAIN 1963	11957 CQCKBAIN 1963	REOPHAX	CURTUS	BRITISH COLUMBIA	48 20N 124 10W
11960   COCKBAIN   1963   REOPHAX   CURIUS   BRITISH   COLUMBIA   48 35N 122 51N   11961   SMITH   1973   REOPHAX   DENTALINIFORMIS   OFF ALASKA PENINSULA   53 16N 161 37N   11962 SMITH   1973   SACCAMMINA   ATLANTICA   OFF ALASKA PENINSULA   52 41N 155 36W   11964 SMITH   1973   SACCAMMINA   ATLANTICA   OFF ALASKA PENINSULA   68 61N 161 37N   11965 SMITH   1973   SACCAMMINA   ATLANTICA   OFF ALASKA PENINSULA   68 61N 161 07N   11965 SMITH   1973   SACCAMMINA   ATLANTICA   OFF ALASKA PENINSULA   68 61N 161 07N   11966 SMITH   1973   SACCAMMINA   ATLANTICA   OFF ALASKA PENINSULA   68 61N 161 33W   11966 SMITH   1973   SACCAMMINA   ATLANTICA   OFF ALASKA PENINSULA   64 51N 165 24W   11968 SMITH   1973   SACCAMMINA   ATLANTICA   OFF ALASKA PENINSULA   64 51N 155 24W   11968 SMITH   1973   REOPHAX   OTF ALASKA PENINSULA   68 61N 161 07N   11970   CUSHMAN 1927   REOPHAX   DISTANS   OFF ALASKA PENINSULA   64 51N 161 07N   11971 SMITH   1973   REOPHAX   EXCENTRICUS   OFF OREGON   42 55N 124 45W   11973   REOPHAX   EXCENTRICUS   OFF ALASKA PENINSULA   69 50N 160 57N   11972 SMITH   1973   REOPHAX   EXCENTRICUS   OFF ALASKA PENINSULA   69 50N 160 57N   11973   CUSHMAN MCCULLOCH   1939   REOPHAX   EXCENTRICUS   OFF ALASKA PENINSULA   69 50N 165 57W   11974   BERGEN O'NEIL   1979   REOPHAX   EXCENTRICUS   OFF ALASKA PENINSULA   69 50N 145 20W   11975   BERGEN O'NEIL   1979   REOPHAX   GUTTIFER   GULF OF ALASKA   59 30N 145 20W   11976   BERGEN O'NEIL   1979   REOPHAX   GUTTIFER   GULF OF ALASKA   59 30N 145 20W   11976   BERGEN O'NEIL   1979   REOPHAX   GUTTIFER   GULF OF ALASKA   59 30N 143 20W   11978   BERGEN O'NEIL   1979   REOPHAX   GUTTIFER   GULF OF ALASKA   59 30N 143 20W   11978   BERGEN O'NEIL   1979   REOPHAX   GUTTIFER   GULF OF ALASKA   59 30N 143 20W   11978   BERGEN O'NEIL   1979   REOPHAX   GUTTIFER   GULF OF ALASKA   59 30N 143 20W   11978   BERGEN O'NEIL   1979   REOPHAX   GUTTIFER   GULF OF ALASKA   59 30N 143 20W   11978   BERGEN O'NEIL   1979   REOPHAX   GUTTIFER   GULF OF ALASKA   59 30N 143 20W					
11962 SMITH 1973 REOPHAX ORNTALINIFORMIS OFF ALASKA PEMINSULA 53 16N 161 33W 11963 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PEMINSULA 48 61N 161 07W 11965 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PEMINSULA 48 61N 161 07W 11965 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PEMINSULA 53 16N 161 33W 11966 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PEMINSULA 53 16N 161 33W 11966 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PEMINSULA 54 51N 160 36W 11967 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PEMINSULA 54 51N 160 36W 11968 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PEMINSULA 54 51N 160 36W 11968 SMITH 1973 REOPHAX OISTANS OFF ALASKA PEMINSULA 49 50N 160 57W 11970 CUSHMAN 1927 REOPHAX OISTANS OFF ALASKA PEMINSULA 48 61N 161 07W 11970 CUSHMAN 1927 REOPHAX EXCENTRICUS OFF OREGON 42 55N 124 45W 11971 SMITH 1973 REOPHAX EXCENTRICUS OFF ALASKA PEMINSULA 49 50N 160 57W 11972 SMITH 1973 REOPHAX EXCENTRICUS OFF ALASKA PEMINSULA 49 50N 160 57W 11972 SMITH 1973 REOPHAX EXCENTRICUS OFF ALASKA PEMINSULA 52 41N 155 36W 11973 CUSHMAN MCCULLOCH 1939 REOPHAX EXCENTRICUS OFF ALASKA PEMINSULA 52 41N 155 36W 11974 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 145 20W 11975 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 145 20W 11975 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 145 20W 11976 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 145 20W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 145 20W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 143 20W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 143 20W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 143 20W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 143 20W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 143 20W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 143 20W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 143 20W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 143 20W 11978	11960 COCKBAIN 1963	REOPHAX	CURIUS	BRITISH COLUMBIA	48 35N 122 51W
11963 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 52 41N 155 36W 11964 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 48 61N 161 07W 11965 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 53 16N 161 33W 11965 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 48 61N 161 07W 11965 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 49 50N 160 36W 11966 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA 49 50N 160 57W 11969 SMITH 1973 REOPHAX DISTANS OFF ALASKA PENINSULA 49 50N 160 57W 11970 CUSHMAN 1927 REOPHAX EXCENTRICUS OFF OREGON 42 55N 124 45W 11971 SMITH 1973 REOPHAX EXCENTRICUS OFF ALASKA PENINSULA 49 50N 160 57W 11971 SMITH 1973 REOPHAX EXCENTRICUS OFF ALASKA PENINSULA 49 50N 160 57W 11972 SMITH 1973 REOPHAX EXCENTRICUS OFF ALASKA PENINSULA 49 50N 160 57W 11972 SMITH 1973 REOPHAX EXCENTRICUS OFF ALASKA PENINSULA 49 50N 160 57W 11974 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 60 30N 146 00W 11975 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 142 55W 11976 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 142 55W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 142 55W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 142 55W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 142 55W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 142 55W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 142 55W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 142 55W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 142 55W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 142 55W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 142 55W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 142 55W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 143 50W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 143 50W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 143 50W 11978 BERGEN O'NEIL 1979					
11965 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA \$\frac{3}{3}\$ 16N 161 33W 11966 SMITH 1973 SACCAMMINA ATLANTICA NORTH PACIFIC \$\frac{4}{3}\$ 3 16N 161 33W 11967 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA \$\frac{4}{3}\$ 47N 160 36W 11968 SMITH 1973 SACCAMMINA ATLANTICA OFF ALASKA PENINSULA \$\frac{4}{3}\$ 51N 155 24W 11968 SMITH 1973 REOPHAX DISTANS OFF ALASKA PENINSULA \$\frac{4}{3}\$ 51N 155 27W 11970 CUSHMAN 1927 REOPHAX EXCENTRICUS OFF OREGON \$\frac{4}{2}\$ 55N 124 45W 11971 SMITH 1973 REOPHAX EXCENTRICUS OFF OREGON \$\frac{4}{2}\$ 55N 124 45W 11972 SMITH 1973 REOPHAX EXCENTRICUS OFF ALASKA PENINSULA \$\frac{4}{3}\$ 50N 160 57W 11972 SMITH 1973 REOPHAX EXCENTRICUS OFF ALASKA PENINSULA \$\frac{4}{3}\$ 50N 160 57W 11973 CUSHMAN MCCULLOCH 1939 REOPHAX EXCENTRICUS OFF ALASKA PENINSULA \$\frac{4}{3}\$ 50N 160 57W 11974 BERGEN O'NELL 1979 REOPHAX GUTTIFER GULF OF ALASKA \$\frac{4}{3}\$ 59 30N 145 20W 11975 BERGEN O'NELL 1979 REOPHAX GUTTIFER GULF OF ALASKA \$\frac{4}{3}\$ 59 30N 142 55W 11978 BERGEN O'NELL 1979 REOPHAX GUTTIFER GULF OF ALASKA \$\frac{4}{3}\$ 59 30N 142 55W 11978 BERGEN O'NELL 1979 REOPHAX GUTTIFER GULF OF ALASKA \$\frac{4}{3}\$ 59 30N 143 20W 11978 BERGEN O'NELL 1979 REOPHAX GUTTIFER GULF OF ALASKA \$\frac{4}{3}\$ 30N 143 20W 11978 BERGEN O'NELL 1979 REOPHAX GUTTIFER GULF OF ALASKA \$\frac{4}{3}\$ 30N 143 20W 11978 BERGEN O'NELL 1979 REOPHAX GUTTIFER GULF OF ALASKA \$\frac{4}{3}\$ 30N 143 20W 11978 BERGEN O'NELL 1979 REOPHAX GUTTIFER GULF OF ALASKA \$\frac{4}{3}\$ 30N 143 20W 11978 BERGEN O'NELL 1979 REOPHAX GUTTIFER GULF OF ALASKA \$\frac{4}{3}\$ 30N 143 20W 11978 BERGEN O'NELL 1979 REOPHAX GUTTIFER GULF OF ALASKA \$\frac{4}{3}\$ 30N 143 20W 11978 BERGEN O'NELL 1979 REOPHAX GUTTIFER GULF OF ALASKA \$\frac{4}{3}\$ 30N 143 20W 11978 BERGEN O'NELL 1979 REOPHAX GUTTIFER GULF OF ALASKA \$\frac{4}{3}\$ 30N 143 20W 11978 BERGEN O'NELL 1979 REOPHAX GUTTIFER GULF OF ALASKA \$\frac{4}{3}\$ 30N 143 20W 11978 BERGEN O'NELL 1979 REOPHAX GUTTIFER GULF OF ALASKA \$\frac{4}{3}\$ 30N 143 20W 11978 BERGEN O'NELL 1979 REOPHAX GUTTIFER G		SACCAMMINA	ATLANTICA		
11966 SMITH 1973   SACCAMMINA   ATLANTICA   NORTH PACIFIC   43 47N 160 36W					
11968 SMITH 1973   SACCAMMINA   ATLANTICA   OFF ALASKA PENINSULA   49 50N 160 57W   11969 SMITH 1973   REOPHAX   EXCENTRICUS   OFF OREGON   42 55N 124 45W   11970 CUSHMAN 1927   REOPHAX   EXCENTRICUS   OFF OREGON   42 55N 124 45W   11971 SMITH 1973   REOPHAX   EXCENTRICUS   OFF ALASKA PENINSULA   49 50N 160 57W   11972 SMITH 1973   REOPHAX   EXCENTRICUS   OFF ALASKA PENINSULA   52 41N 155 36W   11973 CUSHMAN MCCULLOCH 1939   REOPHAX   EXCENTRICUS   OFF ALASKA PENINSULA   52 41N 155 36W   11974 BERGEN O'NEIL 1979   REOPHAX   GUTTIFER   GULF OF ALASKA   59 30N 145 20W   11975 BERGEN O'NEIL 1979   REOPHAX   GUTTIFER   GULF OF ALASKA   59 30N 142 55W   11976 BERGEN O'NEIL 1979   REOPHAX   GUTTIFER   GULF OF ALASKA   59 30N 142 25W   11977 BERGEN O'NEIL 1979   REOPHAX   GUTTIFER   GULF OF ALASKA   59 30N 143 20W   11978 BERGEN O'NEIL 1979   REOPHAX   GUTTIFER   GULF OF ALASKA   59 30N 143 20W   11978 BERGEN O'NEIL 1979   REOPHAX   GUTTIFER   GULF OF ALASKA   59 30N 143 20W   11978 BERGEN O'NEIL 1979   REOPHAX   GUTTIFER   GULF OF ALASKA   59 30N 143 20W   11978 BERGEN O'NEIL 1979   REOPHAX   GUTTIFER   GULF OF ALASKA   59 30N 143 20W   11978 BERGEN O'NEIL 1979   REOPHAX   INSECTUS   GULF OF ALASKA   59 31 142 36W   11981 SMITH 1973   REOPHAX   NODULOSUS   OFF ALASKA PENINSULA   53 16N 161 33W   11981 SMITH 1973   REOPHAX   PILULIFER   OFF ALASKA PENINSULA   52 41N 155 36W   11981 SMITH 1973   REOPHAX   PILULIFER   OFF ALASKA PENINSULA   52 41N 155 36W   11981 SMITH 1973   REOPHAX   PILULIFER   OFF ALASKA PENINSULA   52 41N 155 36W   11981 SMITH 1973   REOPHAX   PILULIFER   OFF ALASKA PENINSULA   52 41N 155 36W   11981 SMITH 1973   REOPHAX   PILULIFER   OFF ALASKA PENINSULA   52 41N 155 36W   11981 SMITH 1973   REOPHAX   PILULIFER   OFF ALASKA PENINSULA   52 41N 155 36W   11981 SMITH 1973   REOPHAX   PILULIFER   OFF ALASKA PENINSULA   52 41N 155 36W					
11969 SMITH 1973   REOPHAX   DISTANS   OFF ALASKA PENINSULA   48 61N 161 07N	11967 SMITH 1973	SACCAMMINA	ATL ANTICA	OFF ALASKA PENINSULA	54 51N 155 24W
11970 CUSHMAN 1927   REOPHAX EXCENTRICUS OFF OREGON   42 55N 124 45N					
11972 SMITH 1973 REOPHAX EXCENTRICUS OFF ALASKA PENINSULA 52 41N 155 36W 11973 CUSHMAN MCCULLOCH 1939 REOPHAX EXCENTRICUS OFF ALASKA PENINSULA 60 30N 146 00W 11974 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 145 20W 11975 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 142 55W 11976 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 142 30W 11977 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 143 00W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 143 00W 11978 TOOD LOW 1967 REOPHAX GUTTIFER GULF OF ALASKA 59 25N 142 36W 11981 SMITH 1973 REOPHAX NODULOSUS OFF ALASKA 59 32N 142 36W 11981 SMITH 1973 REOPHAX PILULIFER OFF ALASKA PENINSULA 53 16N 161 33W	11970 CUSHMAN 1927			OFF OREGON	42 55N 124 45W
11973 CUSHMAN MCCULLOCH 1939   REOPHAX   EXCENTRICUS   OFF ALASKA   60 30N 146 00W     11974 BERGEN O'NEIL 1979   REOPHAX   GUTTIFER   GULF OF ALASKA   59 30N 145 20W     11975 BERGEN O'NEIL 1979   REOPHAX   GUTTIFER   GULF OF ALASKA   59 30N 142 55W     11976 BERGEN O'NEIL 1979   REOPHAX   GUTTIFER   GULF OF ALASKA   59 30N 142 55W     11977 BERGEN O'NEIL 1979   REOPHAX   GUTTIFER   GULF OF ALASKA   59 30N 143 00W     11978 BERGEN O'NEIL 1979   REOPHAX   GUTTIFER   GULF OF ALASKA   59 30N 143 00W     11978 BERGEN O'NEIL 1979   REOPHAX   GUTTIFER   GULF OF ALASKA   59 32N 142 25W     11979 TODO LOW 1967   REOPHAX   INSECTUS   GULF OF ALASKA   59 32N 142 25W     11980 SMITH 1973   REOPHAX   NOULOUSUS   OFF ALASKA PENINSULA   53 16N 161 33W     11981 SMITH 1973   REOPHAX   PILULIFER   OFF ALASKA PENINSULA   52 21N 155 36W     11981 SMITH 1973   REOPHAX   PILULIFER   OFF ALASKA PENINSULA   52 21N 155 36W     11981 SMITH 1973   REOPHAX   PILULIFER   OFF ALASKA PENINSULA   52 21N 155 36W     11981 SMITH 1973   REOPHAX   PILULIFER   OFF ALASKA PENINSULA   52 21N 155 36W     11981 SMITH 1973   REOPHAX   PILULIFER   OFF ALASKA PENINSULA   52 21N 155 36W     11981 SMITH 1973   REOPHAX   PILULIFER   OFF ALASKA PENINSULA   52 21N 155 36W     11981 SMITH 1973   REOPHAX   PILULIFER   OFF ALASKA PENINSULA   52 21N 155 36W     11981 SMITH 1973   REOPHAX   PILULIFER   OFF ALASKA PENINSULA   52 21N 155 36W     11981 SMITH 1973   REOPHAX   PILULIFER   OFF ALASKA PENINSULA   52 21N 155 36W     11981 SMITH 1973   REOPHAX   PILULIFER   OFF ALASKA PENINSULA   52 21N 155 36W     11981 SMITH 1973   REOPHAX   PILULIFER   OFF ALASKA PENINSULA   52 21N 155 36W     11981 SMITH 1973   REOPHAX   PILULIFER   OFF ALASKA PENINSULA   52 21N 155 36W     11981 SMITH 1973   REOPHAX   PILULIFER   PI					
11975 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 142 55W 11976 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 142 25W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 143 30W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 143 30W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 35N 145 25W 11979 TOOD LOW 1967 REOPHAX INSECTUS GULF OF ALASKA 59 35N 142 36W 11980 SMITH 1973 REOPHAX NODULOSUS OFF ALASKA PENINSULA 53 16N 161 33W 11981 SMITH 1973 REOPHAX PILULIFER OFF ALASKA PENINSULA 52 41N 155 36W		REOPHAX	EXCENTRICUS	OFF ALASKA	
11976 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 00N 141 20W 11977 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 143 00W 11978 BERGEN O'NEIL 1979 REOPHAX GUTTIFER GULF OF ALASKA 59 30N 143 00W 11978 TOOD LOW 1967 REOPHAX INSECTUS GULF OF ALASKA 59 32N 142 36W 11980 SMITH 1973 REOPHAX NODULOSUS OFF ALASKA PENINSULA 53 16N 161 33W 11981 SMITH 1973 REOPHAX PLUULIFER 0FF ALASKA PENINSULA 52 41N 155 36W					
11978 BERGEN 0*NEIL 1979     REOPHAX     GUTTIFER     GULF OF ALASKA     59 25N 145 25N       11979 TOOD LOW 1967     REOPHAX     INSECTUS     GULF OF ALASKA     59 32N 142 36N       11980 SMITH 1973     REOPHAX     NODULOSUS     OFF ALASKA PENINSULA     53 16N 161 33N       11981 SMITH 1973     REOPHAX     PILULIFER     OFF ALASKA PENINSULA     52 41n 155 36N	11976 BERGEN O'NEIL 1979	REOPHAX	GUTTIFER	GULF OF ALASKA	59 00N 141 20W
11979 TÖDÖ LOM 1967 REOPHAX INSECTUS GÜF ÖF ALASKA 59 32N 142 36N 11980 SMITH 1973 REOPHAX NOUS OFF ALASKA PENINSULA 53 16N 161 33N 11981 SMITH 1973 REOPHAX PILULIFER OFF ALASKA PENINSULA 52 41N 155 36N					
11981 SMITH 1973 REOPHAX PILULIFER OFF ALASKA PENINSULA 52 41N 155 36W	11979 TOOD LOW 1967	REOPHAX	INSECTUS	GULF OF ALASKA	59 32N 142 36W
	11982 BERGEN O'NEIL 1979	REOPHAX	PILULIFER	GULF OF ALASKA	59 30N 145 20W
11983 BERGEN O*NEIL 1979 REOPHAX PILULIFER GULF OF ALASKA 59 30N 142 55W 11984 COCKBAIN 1963 REOPHAX PILULIFER BRITISH COLUMBIA 49 15N 123 30W					
1985 COCKBAIN 1965 REOPHAX PILULIFER BRITISH COLUMBIA 48 14M 123 30W					

Publication	Generic Name	Specific Name	Locality	Lat. Long.
11992 SMITH 1973 11993 BERGEN O'NEIL 1979 11994 BERGEN O'NEIL 1979 11995 BERGEN O'NEIL 1979 11996 BERGEN O'NEIL 1979 11997 TODO LOW 1967 11999 TODO LOW 1967 12001 TODO LOW 1967 12001 TODO LOW 1967 12002 SMITH 1973 12003 CUSHMAN MCCULLOCH 1939 12005 CUSHMAN MCCULLOCH 1939 12005 CUSHMAN MCCULLOCH 1939 12006 CUSHMAN MCCULLOCH 1939 12007 TODO LOW 1967 12008 WHITEAVES 1886 12009 WHITEAVES 1886 12010 WHITEAVES 1886 12010 WHITEAVES 1886 12011 WHITEAVES 1886 12011 BERGEN O'NEIL 1979 12013 BERGEN O'NEIL 1979 12013 BERGEN O'NEIL 1979 12014 BERGEN O'NEIL 1979 12015 TODO LOW 1967 12016 TODO LOW 1967 12017 CUSHMAN MCCULLOCH 1948 12018 COOPER 1961 12019 BERGEN O'NEIL 1979 12020 CUSHMAN TODD 1947 12021 CUSHMAN TODD 1947 12022 BERGEN O'NEIL 1979 12023 BERGEN O'NEIL 1979 12024 BERGEN O'NEIL 1979 12025 CUSHMAN TODD 1947 12026 CUSHMAN TODD 1947 12027 CUSHMAN MCCULLOCH 1948 12026 DETLING 1958 12027 CUSHMAN TODD 1947 12028 TODO LOW 1967 12031 CUSHMAN TODD 1947 12029 TODD LOW 1967 12032 TODO LOW 1967 12033 TODO LOW 1967 12034 CECKBAIN 1963 12035 COCKBAIN 1963 12036 COCKBAIN 1963 12037 LANKFORD PHLEGER 1973 12038 LANKFORD PHLEGER 1973 12038 LANKFORD PHLEGER 1973 12039 LANKFORD PHLEGER 1973 12034 WHITEAVES 1886 12045 WHITEAVES 1886	REOPHAX RHABOAMMINA RHABOAMMINA RHABOAMMINA RHABOAMMINA RHIZAMMINA RHIZAMMINA RHIZAMMINA RHIZAMMINA ROBERTINOIDES ROBERTINOIDE	SCORPIURUS	GAMBIER BAY, ALASKA TAKU HARBOUR, ALASKA EXCURSION, ALASKA KASAAN BAY, ALASKA LYNN CANAL, ALASKA OFF ALASKA OFF ALASKA OFF ALASKA OFF ALASKA OFF ALASKA OFF ALASKA GULF OF ALASKA GULF OF ALASKA GULEN CHARLOTTE SD., B.C. OUATSINO SOUND, B.C. STRAIT OF GEORGÍA, B.C. STRAIT OF GEORGÍA, B.C. GULF OF ALASKA GEORO COAST GULF OF ALASKA WETCHIKAN, ALASKA KETCHIKAN, ALASKA KETCHIKAN, ALASKA KETCHIKAN, ALASKA KETCHIKAN, ALASKA KETGHIKAN, ALASKA KANGHIGTON COAST	59 55N 142 25N 59 42N 144 10W 56 40N 151 55W 57 20N 134 02W 58 02N 134 00W 58 25N 135 30W 58 25N 135 30W 58 25N 135 30W 58 316N 161 33W 60 30N 146 00W 60 40N 145 53W 60 35N 145 44W 59 32N 142 36W 50 35N 142 36W 50 35N 145 20W 50 35N 145 20W 50 35N 145 20W 50 37N 128 01W 59 30N 142 36W 59 35N 142 36W 48 30N 123 10W 56 30N 152 40W 58 35N 142 30W 48 32N 123 10W 59 32N 142 36W 48 32N 123 10W 59 32N 142 36W 48 45N 123 00W 48 45N 123 30W 59 32N 142 36W 59 32N 142 36W 59 32N 142 36W 59 32N 142 36W 59 32N 142 36W 50 37N 128 01W
12049 CUSHMAN 1915 12050 TOOD LOW 1967 12051 BERGEN O'NEIL 1979 12052 BERGEN O'NEIL 1979 12053 COCKBAIN 1963 12054 COCKBAIN 1963 12055 COCKBAIN 1963 12056 TOOD LOW 1967 12057 COCKBAIN 1963 12058 COCKBAIN 1963 12058 COCKBAIN 1963 12059 COCKBAIN 1963 12050 COCKBAIN 1963 12061 COCKBAIN 1963 12061 COCKBAIN 1963 12062 COCKBAIN 1963 12063 COCKBAIN 1963 12064 COCKBAIN 1963 12065 BERGEN O'NEIL 1979 12066 BERGEN O'NEIL 1979 12067 BERGEN O'NEIL 1979 12067 BERGEN O'NEIL 1979 12068 SHITH 1973 12069 BERGEN O'NEIL 1979 12070 BERGEN O'NEIL 1979 12071 TOOD LOW 1967 12072 BERGEN O'NEIL 1979 12073 CUSHMAN TOOD 1947 12074 BERGEN O'NEIL 1979 12075 TOOD LOW 1967	GYROIOINA GYROIOINA RUPERTIA RUPERTIA RUPERTIA SACCAMMINA SACCORHIZA	ORBICULARIS S OLDANII S TABILIS S TABILIS S TABILIS ATLANTICA CATLANTICA ATLANTICA COMBICOLLIS COMBICOLLIS COMBICOLLIS COMBICOLLIS SPHAERICA SPHAE	GULF OF ALASKA	43 58N 124 36W 43 58N 124 36W 59 32N 142 36W 58 50N 141 15W 58 50N 143 10W 48 20N 123 00W 48 20N 123 00W 48 20N 123 30W 48 35N 122 51W 49 10N 123 30W 48 35N 122 51W 49 00N 123 15W 49 15N 123 30W 48 45N 123 30W 49 15N 123 30W 59 30N 142 00W 59 30N 143 30W 59 35N 143 30W

Publication	Generic Name	Specific Name	GULF OF ALASKA ASHINGTON COAST BRITISH COLUMBIA GRESCENT CITY, CALIF. EXCUPSION, ALASKA WASHINGTON COAST GULF OF ALASKA DRITISH COLUMBIA GULF OF ALASKA BRITISH COLUMBIA GULF OF ALASKA BRITISH COLUMBIA GULF OF ALASKA	Lat. Long.
	SIGMOMORPHINA	GAL LOWAY I	GULF OF ALASKA	59 42N 144 10W
12082 BERGEN O'NEIL 1979 12083 BERGEN O'NEIL 1979	SIGMOMORPHINA SIGMOMORPHINA	GALLOWAYI GALLOWAYI	GULF OF ALASKA	59 55N 145 40W
12084 BERGEN O'NEIL 1979	SIGMOMORPHINA SIGMOMORPHINA	GALLOWAY1	GULF OF ALASKA	56 40N 151 55W
12085 CUSHMAN TODD 1947	SIGMOMORPHINA	TRILOCULARIS	WASHINGTON COAST	48 33N 123 00W
12086 COCKBAIN 1963 12087 COCKBAIN 1963	SIGMOMORPHINA SIGMOMORPHINA	TRILOCULARIS TRILOCULARIS	BRITISH COLUMBIA	48 20N 123 UUW 48 14N 123 30W
12087 COCKBAIN 1963 12088 LANKFORD PHLEGER 1973 12089 TOND LOW 1967	SIGMOMORPHINA	TRILOCULARIS	CRESCENT CITY, CALIF.	41 45N 124 13W
12007 1000 204 110.	SIGMOMORPHINA	TRILOCULARIS	EXCURSION, ALASKA	58 25N 135 30W
12090 CUSHMAN TODD 1947 12091 TODD LOW 1967	SIGMOMORPHINA SIGMOMORPHINA	TRILOCULARIS TRILOCULARIS	WASHINGTON COAST	48 32N 123 10W
13002 COCKRAIN 1043	CICMOMORDUINA	TRILOCULARIS	BRITISH COLUMBIA	48 45N 123 00W
12093 BERGEN O'NEIL 1979	SPHAEROI DINA	BULLOIDES	GULF OF ALASKA	59 30N 143 00W
	SEJUNCTELLA SPIRILLINA	SPINIGERA REOUCTA VIVIPARA	SAMISH-PANILLA BAYS	48 36N 122 29W
12096 CUSHMAN TODD 1947	SPIROPLECTAMMINA	BIFORMIS	WASHINGTON COAST	48 33N 123 00W
12097 CUSHMAN TODD 1947 12098 BERGEN O'NEIL 1979	SPIROPLECTAMMINA SPIROPLECTAMMINA	BIFORMIS	WASHINGTON COAST	48 32N 123 1DW
12099 COCKBAIN 1963	SPIROPLECTAMMINA SPIROPLECTAMMINA SPIROPLECTAMMINA SPIROPLECTAMMINA SPIROPLECTAMMINA SPIROPLECTAMMINA	BIFORMIS BIFORMIS	BRITISH COLUMBIA	48 35N 122 51W
12100 BERGEN O'NEIL 1979	SPIROPLECTAMMINA	BIFORMIS	GULF OF ALASKA	59 30N 145 45W
12101 BERGEN O'NEIL 1979 12102 BERGEN O'NEIL 1979	SPIROPLE CTAMMINA	BIFORMIS BIFORMIS	GULF OF ALASKA	59 30N 143 00W
12103 COCKBAIN 1963	SPIROPLECTAMMINA	BIFORMIS	BRITISH COLUMBIA	48 14N 123 30W
12104 COCKBAIN 1963	SPIROPLECTAMMINA SPIROPLECTAMMINA SPIROPLECTAMMINA SPIROPLECTAMMINA	BIFORMIS	BRITISH COLUMBIA	48 45N 123 00W
12105 COCKBAIN 1963 12106 COCKBAIN 1963	SPIROPLECTAMMINA	BIFORMIS BIFORMIS	BRITISH COLUMBIA	48 20N 124 10W
12107 BERGEN Q'NEIL 1979	SPIROPLECTAMMINA SPIROPLECTAMMINA SPIROPLECTAMMINA	BIFORMIS	GULF OF ALASKA	59 55N 142 25W
12108 BERGEN O'NEIL 1979 12109 ECHOLS 1969	SPIROPLECTAMMINA	BIFORMIS BIFORMIS	GULF OF ALASKA	59 45N 144 55W
12110 ECHOLS 1969	SPIROPLECTAMMINA	BIFORMIS	WASHINGTON COAST	47 00N 124 12W
12111 ECHOLS 1969	SPIROPLECTAMMINA	BIFORMIS	WASHINGTON COAST	48 20N 124 44W
12112 SMITH 1973 12113 SMITH 1973	SPIROPLECTAMMINA	BIFORMIS BIFORMIS	OFF ALASKA PENINSULA	49 SUN 16U S/W
12114 SMITH 1973	SPIROPLECTAMMINA	BIFORMIS	OFF ALASKA PENINSULA	54 51N 155 24W
12115 SMITH 1973	SPIROPLECTAMMINA	BIFORMIS	NORTH PACIFIC	43 47N 160 36W
12116 TODD LDW 1967 12117 COCKBAIN 1963	SPIROPLECTAMMINA SUGGRUNDA	BIFORMIS BIFORMIS	EXCURSION, ALASKA	58 25N 135 3UW 49 DDN 123 15W
12118 COCKBAIN 1963	SPIROPLECTAMMINA	BIFORMIS	BRITISH COLUMBIA	49 15N 123 30W
12119 COCKBAIN 1963	SPIROPLECTAMMINA	BIFORMIS	BRITISH COLUMBIA	49 40N 124 45W
		ECKISI EARLANDI	CRESCENT CITY, CALIF.	41 45N 124 13W
12122 BERGEN O'NEIL 1979	TEXTULARIA	TORDUATA	GULF OF ALASKA	59 00N 141 20W
ISIS2 BEKREN O.NETE 1818	IEXIULAKIA	T OR QUATA T OR DUATA	GULF OF ALASKA	59 30N 143 00W
12125 BERGEN O'NEIL 1979		TORQUATA	GULF OF ALASKA	59 30N 142 55W
12126 BERGEN O'NEIL 1979	TEXTULARIA TEXTULARIA	TORQUATA	GULF OF ALASKA	59 30N 145 45W
	TEXTULARIA TEXTULARIA ROSALINA ROSALINA ROSALINA TRICHOHYALUS GLABRATELLA GLABRATELLA	COLUMBIENSIS	OFF ALASKA PENINSULA NORTH PACIFIC EXCURSION, ALASKA BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA BRITISH COLUMBIA GULF OF ALASKA CRESCENT CITY, CALIF. GULF OF ALASKA	48 20N 124 43W
12129 COCKBAIN 1963	ROS AL I NA ROS AL I NA	COLUMBIENSIS	BRITISH COLUMBIA	48 45N 123 00W
12130 HAMLIN 1960 12131 LANKFORD PHLEGER 1973	TRICHOHYALUS GLABRATELLA	ORF ORDENSIS	PORT ORFORD, OREGON	42 45N 124 31W
12132 BERGEN O'NEIL 1979	GLABRATELLA	ORNATISSIMA	GULF OF ALASKA	59 35N 146 3DW
12133 BERGEN O'NEIL 1979	GLABRATELLA	ORNATISSIMA	GULF OF ALASKA	59 42N 144 10W
12134 BERGEN O'NEIL 1979 12135 BERGEN O'NEIL 1979	GLABRATELLA GLABRATELLA	ORN ATISSIMA ORN ATISSIMA	GULF OF ALASKA	56 30N 152 40W
12136 BERGEN O'NEIL 1979	GLABRATELLA	ORNATISSIMA	GULF OF ALASKA	59 56N 144 25W
12137 BERGEN O'NEIL 1979 12138 BERGEN O'NEIL 1979	GLABRATELLA TRIFARINA	ORNATISSIMA Fluens	GULF OF ALASKA	56 25N 152 45W
		FLUENS	GULF OF ALASKA	59 42N 144 10W
		FLUENS	GULF OF ALASKA	59 45N 144 55W
12141 BERGEN O'NEIL 1979 12142 BERGEN O'NEIL 1979	TRIFARINA TRIFARINA	FLUENS FLUENS	GULF OF ALASKA	59 30N 145 45W
12143 BERGEN O'NEIL 1979	TRIFARINA	FLUENS	GULF OF ALASKA	59 30N 142 55W
12144 BERGEN O'NEIL 1979 12145 BERGEN O'NEIL 1979	TRIFARINA TRIFARINA	FLUENS FLUENS	GULF OF ALASKA	59 00N 141 20W
12146 BERGEN O'NEIL 1979	TRIFARINA	FLUENS	GULF OF ALASKA	59 30N 143 00W
12147 BERGEN O'NEIL 1979	TRIFARINA	FLUENS	GULF OF ALASKA	59 30N 145 40W
12148 BERGEN O'NEIL 1979 12149 BERGEN O'NEIL 1979	TRIFARINA TRIFARINA	FLUENS FLUENS	GULF OF ALASKA	58 50N 141 15W
12150 BERGEN O'NEIL 1979	TRIFARINA	FLUENS	GULF OF ALASKA	59 30N 145 20W
		FLUENS FLUENS	GULF OF ALASKA	59 25N 145 25W
	TRIFARINA	FLUENS	GULF OF ALASKA	56 3DN 152 40W
12154 BERGEN O'NEIL 1979		FLUENS	GULF OF ALASKA	59 55N 142 25W
12155 BERGEN O'NEIL 1979 12156 BERGEN O'NEIL 1979	TRIFARINA TRIFARINA	FLUENS FLUENS	GULF OF ALASKA GULF OF ALASKA	59 55N 145 40W 59 45N 146 00W
12157 CUSHMAN TOOD 1947	MILIOLINELLA	CIRCULARIS	WASHINGTON COAST	48 33N 123 00W
12158 CUSHMAN TODD 1947	MILIDLINELLA	CIRCULARIS	WASHINGTON COAST	48 32N 123 10W
12159 TODD LOW 1967 12160 TODD LOW 1967	TRILOCULINA Triloculina	R OT UNDA R OT UNDA	LYNN CANAL» ALASKA Gambier Bay, Alaska	58 40N 135 00W 57 20N 134 D2W
12161 TODD LOW 1967	TRILOCULINA	R OT UND A	GULF OF ALASKA	59 32N 142 36W
12162 CUSHMAN TODD 1947	TRILOCULINA TRILOCULINA	TRIGONULA	WASHINGTON COAST	48 33N 123 00W
12163 BERGEN O'NEIL 1979 12164 BERGEN O'NEIL 1979	TRILOCULINA	TRI HEDRA Tri Hedra	GULF OF ALASKA GULF OF ALASKA	59 30N 145 20W 59 30N 142 55W
12165 BERGEN O'NEIL 1979	TRILOCULINA	TRIHEDRA	GULF OF ALASKA	59 25N 145 25W
12166 BERGEN O'NEIL 1979 12167 BERGEN O'NEIL 1979	TRILOCULINA TRILOCULINA	TRIHEDRA Trihedra	GULF OF ALASKA GULF OF ALASKA	59 30N 145 45W 59 00N 141 20W
12168 BERGEN O'NEIL 1979	TRILOCULINA	TRIHEDRA	GULF OF ALASKA	59 30N 141 20W
12169 BERGEN O'NEIL 1979	TRILOCUL INA	TRIHEDRA	GULF OF ALASKA	59 20N 145 38W
12170 BERGEN O'NEIL 1979 12171 TODO LOW 1967	TRILOCULINA TROCHAMMINA	T R I HEDRA A OV ENA	GULF OF ALASKA Kasaan bay, Alaska	59 30N 145 40W 55 26N 132 14W
12172 BERGEN O'NEIL 1979	TROCHAMMINA	ADVENA	GULF OF ALASKA	59 45N 144 55W
12173 TODD LOW 1967 12174 COCKBAIN 1963	TROCHAMMINA TROCHAMMINA	ADVENA CHARLOTTENSIS	GULF OF ALASKA BRITISH COLUMBIA	59 32N 142 36W
12174 COCKBAIN 1963 12175 COCKBAIN 1963	TROCHAMMINA	CHARLOTTENSIS	BRITISH COLUMBIA	49 40N 124 45W 49 15N 123 30W

Publication	Generic Name	Specific Name	Locality	Lat. Long.
12176 COCKBAIN 1963 12177 COCKBAIN 1963	TROCHAMMINA TROCHAMMINA	CHARLOTTENS IS CHARLOTTENS IS	BRITISH COLUMBIA BRITISH COLUMBIA	48 35N 122 51W 49 00N 123 15W
12178 CUSHMAN 1925	TROCHAMMINA	CHARLOTTENSIS	Q. CHARLOTTE SD., H.L.	52 20N 131 00W
12179 CUSHMAN TODD 1947 12180 LANKFORD PHLEGER 1973	TROCHAMMINA TROCHAMMINA	CHARLOTTENSIS	WASHINGTON COAST	48 32N 123 10W 47 55N 127 39W
12181 LANKFORD PHLEGER 1973	TROCHAMMINA	CHARLOTTENSIS CHARLOTTENSIS	LAPUSH, WASHINGTON DEPOE BAY, OREGON	47 55N 127 59W
12182 LANKFORD PHLEGER 1973	TROCHAMMINA	CHARLOTTENS 1 S	CRESCENT CITY, CALIF.	41 45N 124 13W
12183 CUSHMAN TODD 1947 12184 DETLING 1958	TROCHAMMINA TROCHAMMINA	CHARLOTTENSIS CHARLOTTENSIS	WASHINGTON COAST SUNSET BAY, OREGON	48 33N 123 00W 43 21N 124 20W
12185 ECHOLS 1969	TROCHAMMINA	CHARLOTTENSIS	WASHINGTON COAST	47 10N 124 14W
12186 PHLEGER 1967	TROCHAMMINA	CHARLOTTENSIS	GRAY'S HARBOUR, WASH.	47 00N 124 08W
12187 COCKBAIN 1963 12188 COCKBAIN 1963	TROCHAMM IN A TROCHAMM IN A	CHARLOTTENSIS CHARLOTTENSIS	BRITISH COLUMBIA BRITISH COLUMBIA	48 45N 123 00W 48 20N 123 00W
12189 COCKBAIN 1963	TROCHAMMINA	CHARLOTTENSIS	BRITISH COLUMBIA	48 20N 124 10W
12190 COCKBAIN 1963 12191 CUSHMAN TODD 1947	TROCHAMMINA	CHARLOTTENSIS	BRITISH COLUMBIA	48 14N 123 30W
12192 CUSHMAN TODD 1947	TROCHAMM INA TROCHAMM INA	DISCORBIS DISCORBIS	WASHINGTON COAST WASHINGTON COAST	48 32N 123 10W 48 33N 123 00W
12193 DETLING 1958	TROCHAMMINA	DISCORBIS	SUNSET BAY, OREGON	43 21N 124 20W
12194 COCKBAIN 1963 12195 COCKBAIN 1963	TROCHAMMINA TROCHAMMINA	DISCORBIS DISCORBIS	BRITISH COLUMBIA BRITISH COLUMBIA	48 14N 123 30W 48 20N 123 00W
12196 COCKBAIN 1963	TROCHAMMINA	DISCORBIS	BRITISH COLUMBIA	48 20N 124 10W
12197 COCKBAIN 1963 12198 COCKBAIN 1963	TROCHAMMINA	DISCORBIS	BRITISH COLUMBIA	48 45N 123 00W
	TROCHAMMINA TROCHAMMINA	DISCORBIS DISCORBIS	BRITISH COLUMBIA British Columbia	49 15N 123 30W 49 00N 123 15W
12200 COCKBAIN 1963	TROCHAMMINA	DISCORBIS	BRITISH COLUMBIA	48 35N 122 51W
12201 COCKBAIN 1963 12202 CUSHMAN ACCULLOCH 1939	TROCHAMMINA TROCHAMMINA	DISCORBIS DISCORBIS	BRITISH COLUMBIA Ketchikan, Alaska	49 40N 124 45W 55 21N 131 39W
12203 BERGEN O'NEIL 1979	TROCHAMMINA	GLOBIGERINIFORMIS	GULF OF ALASKA	59 00N 141 20W
12204 BERGEN O'NEIL 1979	TROCHAMMINA	GLOBIGERINIFORMIS	GULF OF ALASKA	59 30N 145 40W
12205 BERGEN O'NEIL 1979 12206 BERGEN O'NEIL 1979	TROCHAMMINA TROCHAMMINA	GLOBIGERINIFORMIS GLOBIGERINIFORMIS	GULF OF ALASKA GULF OF ALASKA	59 30N 142 55W 59 25N 145 25W
12207 BERGEN O'NEIL 1979	TROCHAMMINA	GLOBIGERINIFORMIS	GULF OF ALASKA	59 30N 145 20W
12208 BERGEN O'NEIL 1979 12209 SMITH 1973	TROCHAMMINA	GLO BIGERINIF ORM IS	GULF OF ALASKA	59 30N 143 00W 54 51N 155 24W
12210 SMI TH 1973	TROCHAMMINA TROCHAMMINA	GLOBIGERINIFORMIS GLOBIGERINIFORMIS	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	53 16N 161 33W
12211 SMITH 1973	TROCHAMMINA	GLOBIGER IN 1 FORM 1 S	OFF ALASKA PENINSULA	49 SON 160 S7W
12212 SM1TH 1973 12213 SM1TH 1973	TROCHAMMINA Trochammina	GLOBIGERINIFORMIS GLOBIGERINIFORMIS	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	48 61N 161 07W 53 53N 161 40W
12214 SMITH 1973	TROCHAMMINA	GLOBIGERINIFORMIS	OFF ALASKA PENINSULA	52 41N 155 36W
12215 SMITH 1973	TROCHAMMINA	GLOBIGERINIFORMIS	NORTH PACIFIC	43 47N 160 36W
12216 SMITH 1973 12217 SMITH 1973	TROCHAMMINA TROCHAMMINA	GRISEA GRISEA	OFF ALASKA PENINSULA	52 41N 155 36W 48 61N 161 07W
12218 SMITH 1973	TROCHAMMINA	GRISEA	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	53 53N 161 40W
12219 SMITH 1973 12220 SMITH 1973	TROCHAMMINA	GRISEA	NORTH PACIFIC OFF ALASKA PENINSULA	43 47N 160 36W 48 61N 161 07W
12221 PHLEGER 1967	TROCHAMMINA TROCHAMMINA	INFLATA Inflata	GRAY'S HARBOUR, WASH.	47 00N 124 08W
12222 PHLEGER 1967	TROCHAMMINA	INFLATA	COPPER R. ALASKA	60 15N 145 31W
12223 PHLEGER 1967 12224 PHLEGER 1967	TROCHAMMINA TROCHAMMINA	INFLATA INFLATA	FRASER R., B.C. COOS, BAY, OREGON	49 05N 123 06W 43 25N 124 08W
12225 PHLEGER 1967	TROCHAMMINA	INFLATA	PHILLIPS ARM, B.C.	50 30N 125 00W
12226 SCOTT 1974	TROCHAMMINA	INFLATA	SAMISH-PADILLA BAYS	48 36N 122 29W
12227 BERGEN O'NEIL 1979 12228 BERGEN O'NEIL 1979	TROCHAMMINA TROCHAMMINA	INFLATA INFLATA	GULF OF ALASKA GULF OF ALASKA	59 45N 144 55W 59 00N 141 20W
12229 BERGEN O'NEIL 1979	TROCHAMMINA	INFLATA	GULF OF ALASKA	59 30N 145 20W
12230 BERGEN O*NEIL 1979 12231 DETLING 1958	TROCHAMMINA TROCHAMMINA	INFLATA INFLATA	GULF OF ALASKA SUNSET BAY, OREGON	59 25N 145 25W 43 21N 124 20W
12232 LANKFORD PHLEGER 1973	TROCHAMMINA	KELLETTAE	DEPOE BAY, OREGON	44 47N 124 05W
12233 COOPER 1961	TROCHAMMINA	KELLETTAE	OREGON COAST OREGON COAST	42 25N 124 26W 43 07N 124 26W
12234 COOPER 1961 12235 COOPER 1961	TROCHAMMINA TROCHAMMINA	K EL LETTAE K EL LETTAE	CALIFORNIA COAST	41 14N 124 07W
12236 COOPER 1961	TROCHAMMINA	KELLETTAE	OREGON COAST	45 36N 123 57W
12237 COOPER 1961 12238 PHLEGER 1967	TROCHAMMINA TROCHAMMINA	K EL LETTAE MAC RESCENS	OREGON COAST FRASER R., B.C.	44 02N 124 08W 49 05N 123 06W
12239 PHLEGER 1967	TROCHAMMINA	MACRESCENS	COOS, BAY, OREGON	43 25N 124 08W
12240 PHLEGER 1967	TROCHAMMINA TROCHAMMINA	M AC RESCENS N AN A	GRAY'S HARBOUR, WASH. OFF ALASKA PENINSULA	47 00N 124 08W 49 50N 160 57W
12241 SMITH 1973 12242 COCKBAIN 1963	TROCHAMMINA	NAN A	BRITISH COLUMBIA	48 ZON 124 10W
12243 COCKBAIN 1963	TRO CHAMM INA	NANA	BRITISH COLUMBIA	48 20N 123 00W
12244 COCKBAIN 1963 12245 COCKBAIN 1963	TROCHAMMINA TROCHAMMINA	N AN A N AN A	BRITISH COLUMBIA British Columbia	48 14N 123 30W 48 45N 123 00W
12246 COCKBAIN 1963	TROCHAMMINA	N AN A	BRITISH COLUMBIA	48 35N 122 51W
12247 COCKBAIN 1963	TROCHAMMINA TROCHAMMINA	N AN A N AN A	BRITISH COLUMBIA BRITISH COLUMBIA	49 15N 123 30W 49 00N 123 15W
12248 COCKBAIN 1963 12249 SMITH 1973	TROCHAMMINA	NITIDA	OFF ALASKA PENINSULA	49 50N 160 57W
12250 SMITH 1973	TROCHAMM INA	NITIDA	NORTH PACIFIC	43 47N 160 36W
12251 SMITH 1973 12252 CUSHMAN MCCULLOCH 1939	TROCHAMMINA TROCHAMMINA	NITIDA NITIDA	OFF ALASKA PENINSULA OFF ALASKA	48 61N 161 07W 60 35N 145 44W
12253 CUSHMAN MCCULLOCH 1939	TROCHAMMINA	NITIDA	OFF ALASKA	60 30N 146 00W
12254 CUSHMAN MCCULLOCH 1939 1	TROCHAMMINA	NITIDA	OFF ALASKA Samish Bay, Wash.	61 07N 146 17W
12255 JONES ROSS 1979 12256 CUSHMAN 1925	TROCHAMMINA TROCHAMMINA	PACIFICA PACIFICA	D. CHARLOTTE SD., H.L.	48 35N 122 28W 52 20N 131 00W
12257 CUSHMAN 1925	TROCHAMMINA	PACIFICA	VIRAGO SD., B.C.	54 10N 132 30W
12258 COOPER 1961 12259 COCKBAIN 1963	TROCHAMMINA TROCHAMMINA	PACIFICA PACIFICA	OREGON COAST British Columbia	44 49N 124 04W 49 15N 123 30W
12260 COCKBAIN 1963	TROCHAMM INA	PACIFICA	BRITISH COLUMBIA	50 00N 125 07W
12261 COCKBAIN 1963	TROCHAMMINA	PACIFICA PACIFICA	BRITISH COLUMBIA	48 35N 122 51W
12262 COCKBAIN 1963 12263 COCKBAIN 1963	TROCHAMMINA TROCHAMMINA	PACIFICA PACIFICA	BRITISH COLUMBIA British Columbia	49 40N 124 45W 49 00N 123 15W
12264 COCKBAIN 1963	TROCHAMMINA	PACIFICA	BRITISH COLUMBIA	48 14N 123 30W
12265 COCKBAIN 1963	TROCHAMMINA TROCHAMMINA	PACIFICA PACIFICA	BRITISH COLUMBIA BRITISH COLUMBIA	48 45N 123 00W 48 20N 123 00W
12266 COCKBAIN 1963 12267 COCKBAIN 1963	TROCHAMMINA	PACIFICA .	BRITISH COLUMBIA	48 20N 124 10W
12268 LANKFORD PHLEGER 1973	TROCHAMMINA	PACIFICA	CRESCENT CITY, CALIF.	41 45N 124 13W
12269 LANKFORD PHLEGER 1973 12270 SCOTT 1974	TROCHAMMINA TROCHAMMINA	PACIFICA PACIFICA	DEPOE BAY, OREGON Samish-padilla bays	44 47N 124 05W 48 36N 122 29W
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12271 CUSHMAN MCCULLOCH 1939 TROCHAMMINA PACIFICA KETCHIKAN, ALASKA 55 21N	Long.
	131 39W
12272 CUSHMAN MCCULLUCH 1939   TROCHAMMINA PACIFICA OFF ALASKA 30 20N	132 23W
12274 CUSHMAN TODD 1947 TROCHAMMINA PACIFICA SIMPLISSIMA WASHINGTON COAST 48 32N	123 10W
12275 TODD LOW 1967 TROCHAMMINA ROTALIFORMIS EXCURSION, ALASKA 58 25N 12276 TODD LOW 1967 TROCHAMMINA ROTALIFORMIS TAKU HARROUR, ALASKA 58 02N	135 30W
12276 TODD LOW 1967 TROCHAMMINA ROTALIFORMIS TAKU HARBOUR, ALASKA 58 OZN 12277 TODD LOW 1967 TROCHAMMINA ROTALIFORMIS KASAAN BAY, ALASKA 55 26N	132 14
12278 TODD LOW 1967 TROCHAMMINA ROTALIFORMIS GAMBIER BAY, ALASKA 57 20N	134 DZW
12274 CUSHMAN MCCULLOCH 1939 TROCHAMMINA PACIFICA OFF ALASKA 6U 35N 12275 TODD LOW 1967 TROCHAMMINA ROTALIFORMIS EXCURSION, ALASKA 58 25N 12275 TODD LOW 1967 TROCHAMMINA ROTALIFORMIS EXCURSION, ALASKA 58 02N 12276 TODD LOW 1967 TROCHAMMINA ROTALIFORMIS TAKU HARBOUR, ALASKA 58 02N 12277 TODD LOW 1967 TROCHAMMINA ROTALIFORMIS KASAAN BAY, ALASKA 57 26N 12278 TODD LOW 1967 TROCHAMMINA ROTALIFORMIS GAMBIER BAY, ALASKA 57 26N 12279 CUSHMAN TODO 1947 TROCHAMMINA ROTALIFORMIS GAMBIER BAY, ALASKA 57 26N 12280 BERGEN 0'NEIL 1979 TROCHAMMINA ROTALIFORMIS GULF OF ALASKA 59 30N 12281 BERGEN 0'NEIL 1979 TROCHAMMINA ROTALIFORMIS GULF OF ALASKA 59 30N 12281 BERGEN 0'NEIL 1979 TROCHAMMINA ROTALIFORMIS GULF OF ALASKA 59 30N 12282 BERGEN 0'NEIL 1979 TROCHAMMINA ROTALIFORMIS SUNSET BAY, OREGON 43 21N 12283 BERGEN 0'NEIL 1979 TROCHAMMINA ROTALIFORMIS GULF OF ALASKA 59 45N 12283 BERGEN 0'NEIL 1979 TROCHAMMINA ROTALIFORMIS GULF OF ALASKA 59 45N 12283 BERGEN 0'NEIL 1979 TROCHAMMINA ROTALIFORMIS GULF OF ALASKA 59 45N 12283 BERGEN 0'NEIL 1979 TROCHAMMINA ROTALIFORMIS GULF OF ALASKA 59 45N 12283 BERGEN 0'NEIL 1979 TROCHAMMINA ROTALIFORMIS GULF OF ALASKA 59 45N 12283 BERGEN 0'NEIL 1979 TROCHAMMINA ROTALIFORMIS GULF OF ALASKA 59 45N	123 00w
12280 BERGEN O'NEIL 1979 TROCHAMMINA ROTALIFORMIS GULF OF ALASKA 59 30N 12281 BERGEN O'NEIL 1979 TROCHAMMINA ROTALIFORMIS GULF OF ALASKA 59 30N	145 40W
12282 DETLING 1958 TROCHAMMINA ROTALIFORMIS SUNSET BAY, OREGON 43 21N	124 20W
12283 BERGEN O'NEIL 1979 TROCHAMMINA ROTALIFORMIS GULF OF ALASKA 59 45N 12284 BERGEN O'NEIL 1979 TROCHAMMINA ROTALIFORMIS GULF OF ALASKA 59 42N	144 35W
10000 00000 01000 1000 7000000000 0074, 1000000 000 000 00 4,000 00 50 50 50	115 100
12286 BERGEN O'NEIL 1979 TROCHAMMINA ROTALIFORMIS GULF OF ALASKA 56 300 12287 BERGEN O'NEIL 1979 TROCHAMMINA ROTALIFORMIS GULF OF ALASKA 58 35M 12288 TOOD LOW 1967 TROCHAMMINA ROTALIFORMIS GULF OF ALASKA 58 35M 12289 CUSHMAN MCCULLOCH 1939 TROCHAMMINA ROTALIFORMIS GULF OF ALASKA 59 32M 12289 CUSHMAN MCCULLOCH 1939 TROCHAMMINA ROTALIFORMIS KETCHIKAN, ALASKA 55 21M 12290 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 14M 12292 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 20M 12292 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 48 48 1299 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 48 1299 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 48 1299 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 48 1299 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 48 1299 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 48 1299 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 48 1299 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 48 1299 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 48 1299 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 48 1299 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 48 1299 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 48 14 1299 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 48 14 1299 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 48 14 1299 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 48 14 1299 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 48 14 1299 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 48 14 1299 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 48 14 1299 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 48 14 1299 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 48 14 14 14 14 14 14 14 14 14 14 14 14 14	152 40W
12288 TOOD LOW 1967 TROCHAMMINA ROTALIFORMIS GULF OF ALASKA S9 32N 12289 CUSHMAN MCCULLOCH 1939 TROCHAMMINA ROTALIFORMIS KETCHIKAN, ALASKA 55 21N	142 36W
12289 CUSHMAN MCCULLOCH 1939 TROCHAMMINA ROTALIFORMIS KETCHIKAN, ALASKA 55 21N 12290 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 14N	131 39W
12290 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 14M 12291 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 20M	123 00W
12292 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 45N	123 DOW
12293 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 49 00N 12294 WHITEAVES 1886 TROCHAMMINA SQUAMATA STRAIT OF GEORGIA, H.C. 49 30N 12295 WHITEAVES 1886 TROCHAMMINA SQUAMATA QUATSINO SQUOP, B.C. 50 35N 12296 BERGEN O'NEIL 1979 TROCHAMMINA SQUAMATA GULF OF ALASKA 56 25N 12297 BERGEN O'NEIL 1979 TROCHAMMINA SQUAMATA GULF OF ALASKA 56 25N 12298 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 49 40N 12290 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 49 45N 12300 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 49 15N 12301 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 49 15N 12302 TODO LOW 1967 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 49 15N 12303 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 20N 12303 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 20N 12303 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 20N 12305 COCKBAIN 1963 TROCHAMMINA SQUAMIFORMIS BRITISH COLUMBIA 48 20N 12305 COCKBAIN 1963 TROCHAMMINA SQUAMIFORMIS BRITISH COLUMBIA 48 20N 12305 COCKBAIN 1963 TROCHAMMINA SQUAMIFORMIS BRITISH COLUMBIA 48 20N 12306 COCKBAIN 1963 TROCHAMMINA SQUAMIFORMIS BRITISH COLUMBIA 48 40N 12307 CUSHNAN 1910 RECURVOIDES TUBBINATUS OFF MASHINGTON 47 49N 12307 CUSHNAN 1910	124 224
12295 WHITEAVES 1886 TROCHAMMINA SQUAMATA QUATSINO SOUND. B.C. 50 35N	128 DOW
12296 BERGEN O'NEIL 1979 TROCHAMMINA SQUAMATA GULF OF ALASKA 56 25N 12297 BERGEN O'NEIL 1979 TROCHAMMINA SQUAMATA GULF OF ALASKA 56 3DN	152 45W
12298 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 49 40N	124 45W
12299 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 35N	122 51W
12300 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 49 15N 12301 COCKBAIN 1963 TROCHAMMINA SQUAMATA BRITISH COLUMBIA 48 20N	123 30W
12302 TOOD LOW 1967 TROCHAMMINA SQUAMATA GAMBIER BAY, ALASKA 57 20N	134 02W
12303 COCKBAIN 1963 TROCHAMMINA SQUAMIFORMIS BRITISH COLUMBIA 4.8 20N 12304 COCKBAIN 1963 TROCHAMMINA SQUAMIFORMIS BRITISH COLUMBIA 4.8 45N	123 00W
12305 COCKBAIN 1963 TROCHAMMINA SQUAMIFORMIS BRITISH COLUMBIA 48 14N	123 30W
12306 COOPER 1961 TROCHAMMINA SQUAMIFORMIS OREGON COAST 4.4 49N 12307 CUSHMAN 1910 RECURVOIDES TURBINATUS OFF WASHINGTON 4.7 49N	124 04W 125 28W
	128 00W
12309 WHITEAVES 1886 CIBICIDES LOBATULUS JOHNSTONE STRAIT, B.C. 50 31N	126 55W
	124 42W 124 58W
12312 WHITEAVES 1886 CIBICIDES LOBATULUS QUEEN CHARLOTTE SD., B.C. 50 SON	126 52W
12313 WHITEAVES 1886 CIBICIDES LOBATULUS QUEEN CHARLOTTE SD., B.C. 50 33N 12314 WHITEAVES 1886 CIBICIDES LOBATULUS STRAIT OF GEORGIA, B.C. 49 20N	126 4DW 124 28W
12313 WHITEAVES 1886 CHBICIDES LOBATULUS STRAIT OF GEORGIA- B.C. 49 ZON 12315 WHITEAVES 1886 CHBICIDES LOBATULUS STRAIT OF GEORGIA- B.C. 49 ZON 12315 WHITEAVES 1886 CHBICIDES LOBATULUS STRAIT OF GEORGIA- B.C. 49 ZON 12316 WHITEAVES 1886 CHBICIDES LOBATULUS JOHNSTONE STRAIT, B.C. 50 30N 12317 WHITEAVES 1886 CHBICIDES LOBATULUS QUEEN CHARLOTTE SO., B.C. 51 35N	124 22W
12316 WHITEAVES 1886 CHBICIDES LOBATULUS JOHNSTONE STRAIT, B.C. 50 30M	126 05W
12317 WHITEAVES 1886 CIBICIDES LOBATULUS QUEEN CHARLOTTE SO., B.C. 51 OSN 12318 WHITEAVES 1886 CIBICIDES LOBATULUS QUATSINO SOUND, B.C. SO 37N	127 36W
12319 WHITEAVES 1886 CIBICIDES LOBATULUS DISCOVERY PASSAGE, B.C. 48 4DN	123 31W
12320 WHITEAVES 1886 CIBICIDES LOBATULUS QUEEN CHARLOTTE SD., B.C. 5D 34N 12321 WHITEAVES 1886 CIBICIDES LOBATULUS STRAIT OF GEORGIA, B.C. 5D 10N	126 59W 125 01W
12322 WHITEAVES 1886 CIBICIDES LOBATULUS QUEEN CHARLOTTE SO., B.C. 50 SON	126 55W
12323 WHITEAVES 1886 CIBICIDES LOBATULUS QUEEN CHARLOTTE SO., B.C. 50 35N 12324 WHITEAVES 1886 CIBICIDES LOBATULUS DISCOVERY PASSAGE, B.C. 48 45N	126 57W 123 33W
1232S WHITEAVES 1886 CIBICIDES LOBATULUS STRAIT OF GEORGIA, B.C. 49 28N	124 30W
12326 WHITEAVES 1886 CIBICIDES LOBATULUS QUATSINO SOUND, B.C. 50 35N	128 00W
12327 WHITEAVES 1886 CIBICIDES LOBATULUS QUEEN CHARLOTTE SD., B.C. 50 40N 12328 CUSHMAN 1915 PLANULINA WUELLERSTORFI OFF WASHINGTON 45 30N	126 36W 124 52W
12329 COOPER 1961 TURRISPIRILLINA ARCTICA OREGON COAST 44 49N	124 04W
	143 00W
12332 BERGEN D'NEÎL 1979 LIVÎGERÎNA AUBERÎANA GULE DE ALASKA S.9. DON	141 20W
12333 BERGEN O'NEIL 1979 UVIGERINA AUBERIANA GULF OF ALASKA 59 25M 12334 BERGEN O'NEIL 1979 UVIGERINA AUBERIANA GULF OF ALASKA 59 30M 12335 BITTH 1973 UVIGERINA JUNICEA OFF ALASKA PENINSULA 54 55M 12335 BERGEN O'NEIL 1979 UVIGERINA PEREGRINA OLRUPTA GULF OF ALASKA 59 30M 12337 BERGEN O'NEIL 1979 UVIGERINA PEREGRINA OLRUPTA GULF OF ALASKA 59 30M	145 25W
12335 SMITH 1973 UVIGERINA JUNCEA OFF ALASKA PENINSULA 54 55N	157 59W
12336 BERGEN O'NEIL 1979 UVIGERINA PEREGRINA DIRUPTA GULF OF ALASKA 59 30M 12337 BERGEN O'NEIL 1979 UVIGERINA PEREGRINA DIRUPTA GULF OF ALASKA 59 20M	142 55W
12337 BERGEN O'NEIL 1979 UVIGERINA PEREGRINA DIRUPTA GULF OF ALASKA 59 20M 12338 BERGEN O'NEIL 1979 UVIGERINA PEREGRINA DIRUPTA GULF OF ALASKA 59 30M	145 38W
12339 BERGEN O'NEIL 1979 UVIGERINA PEREGRINA DIRUPTA GULF OF ALASKA 59 30M	145 40W
12340 BERGEN O'NEIL 1979 UVIGERINA PEREGRINA DIRUPTA GULF OF ALASKA 59 30A 12341 BERGEN O'NEIL 1979 UVIGERINA PEREGRINA DIRUPTA GULF OF ALASKA 59 00A	143 00W
12342 BERGEN O'NEIL 1979 UVIGERINA PEREGRINA OIRUPTA GULF OF ALASKA 59 25M	145 25₩
12343 BERGEN O'NEIL 1979 UVIGERINA PEREGRINA DIRUPTA GULF OF ALASKA 59 30M 12344 BERGEN O'NEIL 1979 UVIGERINA JUNCEA GULF OF ALASKA 59 50M	145 20W
12345 BERGEN O'NEIL 1979 UVIGERINA JUNCEA GULF OF ALASKA 5955M	1 145 47W 1 145 40W
12346 BERGEN O'NEIL 1979 UVIGERINA JUNCEA GULF OF ALASKA 5835M	138 15W
	1 144 55W 1 139 00W
12349 CUSHMAN TODO 1947 UVIGERINA JUNCEA WASHINGTON COAST 4,7 48M	1 122 43W
	1 123 10W 1 123 00W
12352 COCKBAIN 1963 UVIGERINA JUNCEA BRITISH COLUMBIA 48 200	123 DOW
12353 COCKBAIN 1963 UVIGERINA JUNCEA BRITISH COLUMBIA 48 14)	123 30W
	1 124 10W
12356 BERGEN O'NEIL 1979 UVIGERINA JUNCEA GULF OF ALASKA 59 351	1 143 DDW
12357 BERGEN O'NEIL 1979 UVIGERINA JUNCEA GULF OF ALASKA 56 351 12358 BERGEN O'NEIL 1979 UVIGERINA JUNCEA GULF OF ALASKA 58 501	1 151 50W
12359 BERGEN O'NEIL 1979 UVIGERINA JUNCEA GULF OF ALASKA 59 301	143 00W
12360 COCKBAIN 1963 UVIGERINA JUNCEA BRITISH COLUMBIA 49 DOI	123 15W
13742 DEDCEN OFNETI 1070 HVICEDINA HINCEA CHIE OF ALACYA FOLIO	1 123 30W 1 146 00W
12363 REPOGEN O'NETT 1979 INVIGERINA JUNCEA GULF OF ALASKA SO 434	J 144 10W
12364 BERGEN O'NEIL 1979 UVIGERINA JUNCEA GULF OF ALASKA 56 251 12365 BERGEN O'NEIL 1979 UVIGERINA JUNCEA GULF OF ALASKA 59 557	1 152 45W 1 142 25W

Publication	Generic Name	Specific Name	Locality	Lat. Long.
			2002000)	ŭ
12366 BERGEN O'NEIL 1979 12367 BERGEN O'NEIL 1979	UVIGERINA	PEREGRINA	GULF OF ALASKA	59 55N 142 25W
12368 BERGEN O'NEIL 1979	UVIGERINA	PEREGRINA	GULF OF ALASKA	59 45N 144 55W
12369 BERGEN Q*NEIL 1979	UVI GERINA UVI GERINA	PEREGRINA	GULF OF ALASKA	59 25N 145 25W 59 30N 145 20W
12370 BERGEN O'NEIL 1979	UVIGERINA	PEREGRINA	GULF OF ALASKA	59 30N 143 20W
12371 BERGEN O'NEIL 1979	UVIGERINA	P E R E G R I N A P E R E G R I N A	GULF OF ALASKA	59 30N 145 45W
12372 BERGEN O'NEIL 1979	UVIGERINA	PEREGRINA	GULF OF ALASKA GULF OF ALASKA	56 35N 151 50W
12373 BERGEN O'NEIL 1979	UVIGERINA	PEREGRINA	GULF OF ALASKA	59 30N 145 40W
12374 BERGEN O'NEIL 1979	UVIGERINA	PEREGRINA	GULF OF ALASKA	59 00N 141 20W
12375 BERGEN O'NEIL 1979	UVIGERINA	PEREGRINA	GULF OF ALASKA	58 50N 141 15W
12376 BERGEN O'NEIL 1979	UVIGERINA	PEREGRINA	GULF OF ALASKA	59 35N 143 DOW
12377 SMITH 1973	UVIGERINA	PEREGRINA	OFF ALASKA PENINSULA	53 53N 161 40W
12378 TODD LOW 1967	UVIGERINA	PEREGRINA	CLARENCE ST., ALASKA	55 21N 131 58W
12379 TODD LOW 1967	UVIGERINA	PEREGRINA	GULF OF ALASKA	59 32N 142 36W
12380 TOOD LOW 1967	UVIGERINA	PEREGRINA	KASAAN BAY, ALASKA	55 26N 132 14W
12381 TODD LOW 1967	UVIGERINA	PEREGRINA	TAKU HARBOUR, ALASKA	58 D2N 134 OOW
12382 BERGEN O'NEIL 1979	UVIGERINA	PROBOSCIDEA	GULF OF ALASKA	59 30N 145 20W
12383 BERGEN O'NEIL 1979 12384 BERGEN O'NEIL 1979	UVIGERINA	PROBOSCIDEA	GULF OF ALASKA	59 00N 141 20W
12385 BERGEN O'NEIL 1979	UVIGERINA	PROBOSCIDEA	GULF OF ALASKA	59 30N 143 00W
12386 CUSHMAN MCCULLOCH 1948	UVIGERINA	PROBOSCIOEA	GULF OF ALASKA	59 20N 145 38W 55 21N 131 39W
12387 BERGEN O'NEIL 1979	UVIGERINA UVIGERINA	S EN TICOSA S EN TICOSA	KETCHIKAN, ALASKA GULF OF ALASKA	59 25N 145 25W
12388 TODD LOW 1967	MARGINULINA	BACHEII	GULF OF ALASKA	59 32N 142 36W
12389 BERGEN O'NEIL 1979	VAGINULINA	LEGUMEN	GULF OF ALASKA	59 25N 145 25W
12390 BERGEN O'NEIL 1979	VALVULINERIA	ARAUCANA	GULF OF ALASKA	59 20N 145 38W
12391 BERGEN O'NEIL 1979	VALVUL INERIA	ARAUCANA	GULF OF ALASKA	59 30N 145 20W
12392 BERGEN O'NEIL 1979	VALVUL [NER]A	ARAUCANA	GULF OF ALASKA	59 30N 145 45W
12393 BERGEN O'NEIL 1979	VALVULINERIA	ARAUCANA	GULF OF ALASKA	59 30N 142 55W
12394 BERGEN O'NEIL 1979	VALVULINERIA	ARAUCANA	GULF OF ALASKA	59 30N 145 40W
12395 BERGEN O'NEIL 1979	VALVULINERIA	ARAUCANA	GULF OF ALASKA	59 30N 143 00W
12396 BERGEN O'NEIL 1979	VALVUL [NER [A	ARAUCANA	GULF OF ALASKA	59 DON 141 20W
12397 BERGEN O'NEIL 1979	VALVULINERIA	GLABRA	GULF OF ALASKA	59 30N 143 00W
12398 BERGEN O'NEIL 1979	VALVULINERIA	GLABRA	GULF OF ALASKA	58 50N 141 15W
12399 BERGEN O'NEIL 1979 12400 BERGEN O'NEIL 1979	VALVULINERIA	GLABRA	GULF OF ALASKA	59 30N 145 45W
12400 BERGEN O'NEIL 1979	VALVULINERIA	GLABRA	GULF OF ALASKA	59 30N 142 55W 59 00N 141 20W
12402 BERGEN O'NEIL 1979	VALVULINERIA VALVULINERIA	GLABRA GLABRA	GULF OF ALASKA GULF OF ALASKA	59 25N 145 25W
12403 BERGEN O'NEIL 1979	VALVULINERIA	GLABRA	GULF OF ALASKA	59 20N 145 38W
12404 BERGEN O'NEIL 1979	VALVULINERIA	GLABRA	GULF OF ALASKA	59 30N 145 20W
12405 BERGEN O'NEIL 1979	VALVULINERIA	GLABRA	GULF OF ALASKA	59 30N 145 40W
12406 CUSHMAN 1927	EGGERELLA	ADVENA	OFF OREGON	43 14N 124 43W
12407 BERGEN O'NEIL 1979	FRANCESITA	ADVENA	GULF OF ALASKA	59 35N 143 00W
12408 BERGEN O'NEIL 1979	FRANCESITA	ADVENA	GULF OF ALASKA	59 30N 145 40W
12409 BERGEN O'NEIL 1979	FRANCESITA	A DV ENA	GULF OF ALASKA	59 30N 143 00W
12410 BERGEN O'NEIL 1979	FRANCESITA	ADVENA	GULF OF ALASKA	59 20N 145 38W
12411 BERGEN O'NEIL 1979	FUR SENKO INA	BRAMLETTEI	GULF OF ALASKA	59 30N 145 20W
12412 BERGEN O'NEIL 1979	FURSENKO INA	BRAMLETTEI	GULF OF ALASKA	59 00N 141 20W
12413 BERGEN O'NEIL 1979	FURSENKOINA	LOEBLICHI	GULF OF ALASKA	59 20N 145 38W
12414 BERGEN O'NEIL 1979 12415 BERGEN O'NEIL 1979	FURSENKOINA	LOEBLICHI	GULF OF ALASKA GULF OF ALASKA	59 30N 145 40W 59 00N 141 20W
12415 BERGEN O'NEIL 1979	FUR SENKO INA FUR SENKO INA	LOEBLICHI	GULF OF ALASKA	59 30N 145 20W
12417 BERGEN O'NEIL 1979	FURSENKOINA	LOEBLICHI LOEBLICHI	GULF OF ALASKA	59 25N 145 25W
12418 SMI TH 1973	FURSENKOINA	LOEBLICHI	KODIAK, ALASKA	57 49N 152 30W
12419 SMITH 1973	FURSENKOINA	LOEBLICHI	OFF ALASKA PENINSULA	56 23N 154 27W
12420 TODO LOW 1967	FURSENKOINA	FUSIFORMIS	CLARENCE ST., ALASKA	55 21N 131 58W
12421 TODD LOW 1967	FURSENKO I NA	FUS I FORM IS	EXCURSION, ALASKA	58 25N 135 30W
12422 SM1 TH 1973	FURSENKOINA	P AU CILOCULAT A	OFF ALASKA PENINSULA	53 53N 161 40W
12423 BERGEN O'NEIL 1979	FURSENKOINA	SANDIEGOENSIS	GULF OF ALASKA	59 OON 141 20W
12424 BERGEN O'NEIL 1979	FURSENKOINA	S E M I N U D A	GULF OF ALASKA	59 30N 145 20W
12425 BERGEN O'NEIL 1979	FUR SENKO 1 NA	S EM I NU D A	GULF OF ALASKA	59 25N 145 25W
12426 BERGEN O'NEIL 1979	FURSENKOINA	SEMINUDA	GULF OF ALASKA	59 30N 142 55W
12427 BERGEN O'NEIL 1979	FURSENKOINA	S EM I NU D A	GULF OF ALASKA	59 00N 141 20W
12428 BERGEN O'NEIL 1979	FURSENK C1NA	SEMINUDA	GULF OF ALASKA	59 30N 143 00W

## Catalog 3

## **Unsynonymized Species**

SECTION   COLUMBERS   CASSIDULINA   COLUMBERS   CASSIDULINA   COLUMBERS   CASSIDULINA   COLUMBERS   CASSIDULINA   COLUMBERS   CASSIDULINA	A D E R C OT R Y M A	GLOMERATA	CASSIDULINA	C USH MAN 1
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MUIGIHATE	HAMMAT		
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ELPHIDIUM	HUGHESI FORAMINOSUM	LAGENA	ACUTICOSTA
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ELPHI OI UM	LENE	LAGENA	COSTATA
ELPHI01UM	MAGELLANICUM	LAGENA	DENIALINIFORMIS
ELPHI DI UM	MICROGRANULOSUM	LAGENA	DISTOMA
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ELPHIOIUM	OREGONENSE	LAGENA	GRACILIS
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EPIST OM INELLA	UMBONIFERA	LAGENA	PERLUCIDA
EPISTOMINELLA	VITREA	LAGENA	PLIOCENICA
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EPONI DE S	FRIGIOUS	LAGENA	SEMILINEATA
EPONI DE S	10 LASH	LAGENA	SIRIATA
EPONI DE S	ISABELLEANUS	LAGENA	STRIATO-PUNCTATA COMPLEXA
E PONI DE S	LEVICULUS	LAGENA	S TRIATOPUNCTATA
E PONI DE S	ORNATA	LAGENA	STRIATOPUNCTATA GEMMA
E PONT DE S	REPANDUS	LAGENA	SUBSTRIATA
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EPONIDES	UMBONATUS	L AGENA L AGENA	SULCATA APICULATA SULCATA PECULIARIS
FISSURINA	AGASSIZI	LAGENA	SULCATA SPICATA
FISSURINA	CUCURBITASEMA	LAGENAMMINA	ATLANTICA
FISSURINA	CUCURBITOSEMA	LAGENONODOSARIA	SCALARIS
FISSURINA	LUCIDA	LARYNGOSIGMA	HYALASCIDIA
F I S SU R I NA	MARGINATA	LENTICULINA	NICOBARENSIS
FLORILUS	A UR I CUL US	LOXOSTOMA	PORRECIA
FLORILUS	BASISPINATUS	LOXOSTOMA	P S E U D O B E Y R I C H I
FLORILUS	J AP O NI CUS	LOXOSTOMUM	AMYGDALIFORMIS
FLORILUS	LABRADORICUS	LOXOSTOMUM	INSTABILE
FROND ICULARIA	CANALICULATA	MARGINULINA	GLABRA
FRONDICULARIA	GIGAS	MARTINOTTIELLA	OCCIDENTALIS
GAUDRYINA	ARENARIA	MASSILINA	CRESCENTENSIS
GAUDR YI NA GAUDR YI NA	ATLANTICA	MASSILINA	PULCHRA
GAUDRYINA	ATLANTICA PACIFICA SUBGLABRATA	MELONIS MELONIS	AFFINE POMPILIOIDES
GLABRATELLA	CHARLOTTENSIS	MILIAMMINA	FUSCA
GLABRATELLA	LAURIEI	MILIOLINA	FERUSSACHII
GLABR AT ELL A	OPERCULARIS	MILIOLINA	SEMINULUM
GLABRAT ELLA	ORNATISSIMA	MILIOLINELLA	CALIFORNICA
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GLOBO BUL IMINA	AURICULATA	MILIOLINELLA	SUBROTUNDA
GL OBO BULIMINA	PACIFICA	NODELLUM	MEMBRANACEUM
GLOBO TEXTULARIA	ANCEPS	NODOSARIA	CALOMORPHA
GLOMOSPIRA	GORDIALIS	NODOSARIA	PAUPERATA
GOESELLA	FLINTII	NODOSARIA	SCALARIS
GORDI AMMINA GORDI AMMINA	C HAROIDES GORDIALIS	NODOSARIA NONION	SUBSCALARIS
GUTTULINA	ORIENTALIS	NONION	GRATELOUPI GRATELOUPII
GUTTULINA	PROBLEMA	NONION	LABRADORICA
GYROI DI NA	ALTIFORMIS	NONION	LABRADORICUM
GYROI DI NA	GEMMA	NONION	PIZARRENSE BASISPINATUM
GYROIDI NA	10	NONION	PUNC TATA
GYROI DI NA	LAMARCKIANA	NONION	SCAPHA
GYROIDINA	ORBICULARIS	NONION	SCAPHUM
HAPLOPHRAGMIUM	CANARIENSE	NONIONELLA	AURICULA
HAPLOPH RAGMOI DE S	ADVENA	NONIONELLA	BASISPINATA
HAPLOPHRAGMOIDES	ADVENUM	NONIONELLA	BRADYI
HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES	BRADY! CANARIENSIS	NONIONELLA NONIONELLA	DIGITATA LABRADORICA
HAPLOPHRAGMOIDES	COLUMBIENSE	NONIONELLA	MIOCENICA
HAPLOPHRAGMOIDES	COLUMBIENSE EVOLUTUM	NONIONELLA	MIOCENICA STELLA
HAPLOPHRAGMOIDES	COLUMBIENSIS	NONIONELLA	PULCHELLA
HAPLOPHRAGMOIDE S	GLOMERATUM	NONIONELLA	STELLA
HAPLOPHRAGMOIDES	HANCOCKI	NONIONELLA	TURGIDA
HAPLOPHRAGMOI DE S	NEOBRADYI	NONIONELLA	TURGIDA DIGITATA
HAPLOPH RAGMOIDES	NITIDA	NONIONINA	AURIS
HAPLOPHRAGMOIDES	PARKERAE	NONIONINA	SCAPHA
HAPLOPHRAGMOI OE S	PLANISSIMUS	NOURIA	POLYMORPHINOIDES
HAPLO PHRAGMOI DE S	SPHAERILOCULUS	NUBECULARIA	BRADYI
HAPLOPHRAGMOIDES	SUBGLOBOSUM	OCULOSIPHON	LINEARIS
HAPLOPHRAGMOIDES	SUBINVOLUTUM	OOLINA	APIOPLEURA
HAPLOPHRAGMOIDES	SUBINVOLUTUS	OOLINA OOLINA	BOREALIS COSTATA
HAPLOPHRAGMOIDES HOEGL UNDINA	TENUIS ELEGANS	OOLINA	GLOBOSA
HORMOSINA	GLOBULIFERA	OOLINA	HEXAGONA
HYPERAMMINA	CYLINDRICA	OOLINA	LAEVIGATA
HYPERAMMINA	ELONGATA	OOLINA	LINEATA
HYPER AMMINA	FRIABILIS	OOLINA	LINEATOPUNCTATA
I NVOL UT I NA	GULLMARENSIS	OOLINA	MELO
INVOLUTINA	TENUIS	OOLINA	STRIATOPUNCTATA
JACULELLA	ACUTA	OOLINA	WILLIAMSONI
J A D A M M I N A	POLYSTOMA	OPHTHALMID IUM	ACUTIMARGO
KARRERIELLA	BACCATA	PARAFISSUR INA	FUSILIFORMIS

PATELLINA	CORRUGATA
PATEORIS	HAUERINOIDES
PELOS INA PELOS INELLA	VARIABILIS Didera
PLACOPSILINA	BRADYI
PLANO RBULINA	ACERVALIS
PLANO RBULINA	MEDITERRANENSIS
PLANULINA PLANULINA	ORNATA WUELLERSTORFI
POLYMORPHINA	CHARLOTTENSIS
POLYMORPHINA	COMPRESSA
POLYMORPHINA	KINCAIDI
POLYMORPHINA POLYSTOMELLA	L ACTEA Crispa
POLYS TO MELLA	STRIATOPUNCTATA
POROEPONIDES	CRIBROREPANDUS
POROE PONIOES PROTE ON INA	LATERALIS COMPRESSA
PROTE ON I NA	DIFFLUGIFORMIS
PROTE ON I NA	DIFFLUGIFORMIS LAGENARIUM
PROTO SCHISTA PSAMMATO DEN DRON	FINDENS
P S AMM OS P H A E R A	ARBORESCENS FUSCA
P SEUD OG AUDRYINA	ATLANTICA
P SEUD ON O DO SAR IA	RADICULA
P S E UD ON ON I ON	AURICULA
P S E U O O P O L Y M O R P H I N A P S E U O O P O L Y M O R P H I N A	CHARLOTTENSIS LINGUA
PULLENIA	BULLOIDES
PULLENIA	MULTILOBATA
PULLENIA PULLENIA	QUINQUELOBA SAL I SBURY I
PULLENIA	SUBCARINATA
PULVINULINA	COLUMBIENSIS
PULVINULINA PULVINULINA	K AR S T E N I R E P A N D A
PULVINULINA	UMBONATA
PULVINULINELLA	PACIFICA
PYRGO	ABYSSORUM
PYRGO PYRGO	D EP R E S S A L UC E RNULA
PYRGO	MURRHINA
PYRGO	ROTALARIA
PYRGO	VESPERTILIO
PYRGO PYRGO EL LA	WILLIAMSON I SPHAERA
QUINQUELOCULINA	AGGLUTINATA
QUINQUELOCULINA	AKNERIANA
Q U I NQ UE L O C U L I NA D U I NQ UE L O C U L I NA	AKNERIANA BELLATULA Arctica
QUINGUELOCULINA	CATALINENSIS
QUINQUELOCULINA	DISCIFORMIS
Q U I NQ UEL O CUL I NA	ELONGATA
Q U I NQ UE L O C U L I NA	FRIGIDA FUSCA
QUINQUELOCULINA	PROCERA
QUINQUELOCULINA	SABULOSA
QUINQUELOCULINA QUINQUELOCULINA	S EM I NU L A S EM I NU L UM
QUINQUELOCULINA	STALKERI
Q U I NQ UE L O C U L I NA	S UB R O T U ND A
Q U INQ UE L O C U L I NA	TENAGOS
QUINQUELOCULINA RECURVOIDES	VUL GARIS CONTORTUS
R E CUR VO I D E S	TURBINATUS
REOPHAX	CURTUS
R E O P H A X R E O P H A X	DENTALINA FORMIS DIFFLUGIFORMIS
REOPHAX	DISTANS
REOPHAX	EXCENTRICUS
REOPHAX	GUTTIFER INSECTUS
R E OPH AX R E OPH AX	NODULOSUS
REOPHAX	PILULIFER
REOPHAX	PILULIFERA
R E OPH AX R E OPH AX	SCORPIURUS SCOTTI
REOPH AX	SCOTTII
REOPHAX	SUBFUSIFORMIS
RHABDAMMINA	ABYSSORUM
RHIZAMMINA RHIZAMMINA	ALGAEFORMIS INDIVISA
ROBERTINA	ARCTICA

ROBERTINA	CHARLOTTENSIS
ROBERTINOLOES	CHARLOTTENSIS
ROBULUS	O'OR BIGNY I
ROBULUS	NICOBARENSIS
	NICOBARENSIS OCCIDENTALIS
ROBULUS	OCCIDENTALIZ
ROBULUS	ORBICULARIS
ROBULUS	STRONGI
ROSALINA	CAMPANULATA
RUSALINA	CAMPANULATA
ROSALINA	COLUMBIENSIS
ROSALINA	ORNATISSIMA
ROSALINA	WRIGHTII
KOSMEINA	
ROTALIA	BECCARII
ROTALIA	COLUMBIENSIS
ROTALIA	ORBICULARIS
ROTALIA	SOLOANII
RUPERTIA	STABILIS
RUPERTINA	STABILIS
SACCAMMINA	DIFFLUGIFORMIS
SACCAMMINA	LONGICOLLIS
SACCAMMINA	SPHAERICA
SACCORHIZA	RAMOSA
SCHENCKIELLA	PRIMAEVA
SIGMOILINA	CELATA
SIGMOILINA	
SIGMUILINA	DISTORTA
SIGMOMORPHINA	GALLOWAYI
SIGMOMORPHINA	TRILOCULARIS
SPHAEROIDINA	BULLOIDES
SPIRILLINA	SPINIGERA REDUCTA
SPIRILLINA	VIVIPARA
SPIROPLECTAMMINA	BIFORMIS
SUGGRUNDA	ECKISI
TEXTULARIA	EARLANDI
TEXTULARIA	TORGUATA
TRICHOHYALUS	COLUMBIENSIS
TRICHOHYALUS	ORFORDENSIS
TRICHOHYALUS	ORNATISSIMA
TRICHOHYALUS	ORNATISSIMUS
TRICHONIALOS	OKNA 11331HU3
TRIFARINA	FLUENS
TRILOCULINA	CIRCULARIS
TRILOCULINA	ROTUNDA
7 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
TRILOCULINA	TRIGONULA
T R I L O C U L I N A T R O C H A M M I N A	TRIHEDRA
TROCHAMMINA	ADVENA
TROCHAMMINA	CHARLOTTENSIS
TROCHAMMINA	OISCORBIS
TROCHAMMINA	GLOBIGERIN1FORMIS
TROCHAMMINA	GRISEA
TROCHAMMINA	
	INFLATA
TROCHAMMINA	KELLETTAE
TROCHAMMINA	MACRESCENS
TROCHAMMINA	NANA
TROCHAMMINA	
	NITIOA
TROCHAMMINA	PACIFICA
TROCHAMMINA	PACIFICA SIMPLEX
TROCHAMMINA	ROTALIFORMIS
TROCHAMMINA	SQUAMATA
TROCHAMMINA	SQUAMIFORMIS
TROCHAMMINA	TURBINATA
	LOBATULA
TRUNCATULINA	
TRUNCATULINA	WUELLERSTORFI
TURRISPIRILLINA	ARCTICA
UVIGERINA	AUBERIANA
HVICERINA	
UVIGERINA	CUSHMANI
UVIGERINA	DIRUPTA
UVIGERINA	JUNCEA
UVIGERINA	PEREGRINA
UVIGERINA	PROBOSCIDEA
UVIGERINA	SENTICOSA
VAGINUL INOPS IS	BACHEII
VAGINULINOPSIS	LEGUMEN
VAL VUL I NER I A	ARAUCANA
VALVULINERIA	GLABRA
VERNEUILINA	AOVENA
AEKMEDIFINA	
VIRGULINA	ADVENA
VIRGULINA VIRGULINA	ADVENA
VIRGULINA	A DVENA BRAMLETTE I
V IRGULINA V IRGULINA	A DVENA BRAMLETTE I COMPLANATA
VIRGULINA VIRGULINA VIRGULINA	A DVENA BRAMLETTE I COMPLANATA FUSIFORM IS
VIRGULINA VIRGULINA VIRGULINA VIRGULINA	ADVENA BRAMLETTEI COMPLANATA FUSIFORMIS PAUCILOCULATA
VIRGULINA VIRGULINA VIRGULINA VIRGULINA	ADVENA BRAMLETTEI COMPLANATA FUSIFORMIS PAUCILOCULATA
VIRGULINA VIRGULINA VIRGULINA VIRGULINA VIRGULINA	ADVENA BRAMLETTEI COMPLANATA FUSIFORMIS PAUCILOCULATA SANDIEGOENSIS
VIRGULINA VIRGULINA VIRGULINA VIRGULINA	ADVENA BRAMLETTEI COMPLANATA FUSIFORMIS PAUCILOCULATA
VIRGULINA VIRGULINA VIRGULINA VIRGULINA VIRGULINA	ADVENA BRAMLETTEI COMPLANATA FUSIFORMIS PAUCILOCULATA SANDIEGOENSIS
VIRGULINA VIRGULINA VIRGULINA VIRGULINA VIRGULINA	ADVENA BRAMLETTEI COMPLANATA FUSIFORMIS PAUCILOCULATA SANDIEGOENSIS

#### CATALOG 4

# Synonymized Species

	GLOMERATA		
A DERCOTRYMA AMMOBACULITES	AGGLUTINANS	CYCLAMMINA	CANCELLATA
AMMOBACULITES	AMERICANUS	CYCLAMMINA	PUSILLA
AMMOBACULITES	ARENARIUS	CYCLAMMINA	TRULLISSATA
AMMOBAC ULITES	EXIGUUS	CYCLOGYRA	INCERTA
AMMOB ACULITES	FILIFORMIS	CYCLOGYRA CYCLOGYRA	I NVOL VENS PLANORBIS
AMMOD IS CUS	ARENACEUS	CYSTAMMINA	GALEATA
AMMOD IS CUS	GULLMARENSIS	DENDROPHYRA	ARBORESCENS
AMMOD IS CUS	MINUTISSIMUS	DENTALINA	BAGGI
AMMOD ISCUS	PACIFICUS	DENTALINA	CALOMORPHA
AMMOD IS CUS	TENUIS	DENTALINA	DECEPTA
AMMOM ARGINULINA	FOLIACEA	DENTALINA	PAUPERATA
AMMOMAR GINULINA	SANDIEGOENSIS	DENTALINA	SUBSOLUTA
AMMON IA	BECCARII		
AMMOS CALARIA	PSEUOOSPIRALIS	DOROTHIA	BRADYANA
MUI TOMMA	CASSIS	DOROTHIA	EXILIS
A MUI TOMMA	SALSUM	DOROTHIA	SCABRA
AMPHI CORYNA	SCALARIS	DYOCIBICIDES	BISERIALIS
ANGUL OD ISCORBIS ANGMALINA	CHARLOTTENSIS	DYOCIBICIDES	PERFORATA
	SCHMITTI	EGGERELLA	A DVE NA
ASTACOLUS ASTACOLUS	HYALACRULUS Latus	EGGERELLA	BRADYI
ASTACOLUS	OCCIDENTALIS	EGGERELLA	HUMBOLDTI
ASTACOLUS	PLANULATUS	EGGERELLA	PUSILLA
ASTRONONION	GALLOWAYI	E HRENBERGINA E HRENBERGINA	COMPRESSA HYSTRIX
ASTRONONION	VIRAGOENSIS	ELPHIDIELLA	ARCTICA
BATHY SIPHON	ARENACEA	ELPHIDIELLA	GROENLANDICA
BILOCULINELLA	GLOBULA	ELPHIDIELLA	HANNA1
BOLIVINA	ALATA	ELPHIDIELLA	NITIOA
BOLIVINA	BARBATA	ELPHIDIUM	ARTI CULATUM
BOLIVINA	COMPACTA	ELPHIDIUM	BARTLETTI
BOLIVINA	DECUSSATA	ELPH101UM	CRISPUM
BOLIVINA	HUMILIS	ELPHIDIUM	EXCAVATUM
BOL IV IN A	MINUTA	ELPHIDIUM	FRIGIDUM
BOLIVINA	OCEANICA	ELPHIDIUM	HUGHES I
BOL IV IN A	PACIFICA	ELPHIDIUM	HUGHESI FORAMINOSUM
BOL IV IN A	PAULA	ELPHIDIUM	INCERTUM
BOLIVINA	PSEUDOPLICATA	ELPHIDIUM	LENE
BOLIVINA	PUNCTATA	ELPHIDIUM	MAGELLANICUM
BOLIVINA	SPISSA	ELPHIDIUM	MICROGRANULOSUM
BOLIVINA	SUBADVENA	ELPHIDIUM	OREGONENSE
BOLIVINA Buccella	SUBAENARIENSIS FRIGIDA	ELPHIDIUM	STRIATOPUNCTATA
BUCCELLA	1 NUS IT ATA	ELPHIDIUM	SUBARCTICUM
	TENERRIMA	ELPHIDIUM	TRANSLUCENS
BUICCELLA			
BUCCELLA BIII IM INA		ELPHIDIUM	T UM I D UM
BULIMINA	AFFINIS	EPISTOM I NELL A	BRADYANA
	AFFINIS Barbata	EPISTOMINELLA EPISTOMINELLA	BRADYANA Exigua
BUL IM IN A BUL IM IN A BUL IM IN A	AFFINIS BARBATA INFLATA	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA	BRADYANA Exigua Pacifica
BUL IM IN A BUL IM IN A	AFFINIS Barbata	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA	BRADYANA Exigua
BUL IM INA BUL IM INA BUL IM INA BUL IM INA	AFFINIS BARBATA Inflata Inflata Mexicana	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA	BRADYANA EXIGUA PACIFICA UMBON1FERA
BUL IM IN A BUL IM IN A BUL IM IN A BUL IM IN A BUL IM IN A	AFFINIS BARBATA INFLATA INFLATA MEXICANA OVATA	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA	BRADYANA Exigua Pacifica Umbonifera Vitrea Columbiensis
BULIMINA BULIMINA BULIMINA BULIMINA BULIMINA BULIMINA BULIMINA BULIMINA	AFFINIS BARBATA INFLATA INFLATA MEXICANA OVATA PYRULA	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES	BRADYANA EXIGUA PACIFICA UMBONIFERA VITREA
BULIM IN A	AFFINIS BARBATA INFLATA INFLATA INFLATA MEXICANA OVATA PYRULA ROSTRATA SUBACUMINATA SUBFUSIFORMIS	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPOSTOMINELLA EPONIDES EPONIDES EPONIDES EPONIDES EPONIDES	BRADYANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENSIS HEALDI LEVICULUS ORNATA
BULIM IN A	AFFINIS BARBATA INFLATA INFLATA OVATA PYRULA ROSTRATA SUBACUMINATA SUBFUSIFORMIS TENUATA	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES EPONIDES EPONIDES EPONIDES EPONIDES EPONIDES	BRADYANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENSIS HEALDI LEVICULUS ORNATA REPANDUS
BULIM IN A	AFFINIS BARBATA INFLATA INFLATA INFLATA MEXICANA OVATA PYRULA ROSTRATA SUBACUMINATA SUBFUSIFORMIS TENUATA DASICOSTATA	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES EPONIDES EPONIDES EPONIDES EPONIDES EPONIDES EPONIDES EPONIDES	BRADYANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENSIS HEALDI LEVICULUS ORNATA REPANDUS SUBTENERA
BULIM IN A	AFINIS BARBATA INFLATA INFLATA INFLATA PARULA PYRULA ROSTRATA SUBACUMINATA SUBFUSIFORMIS TENUATA BASICOSTATA BASICOSTATA ELEGANTISSIMA	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES	BRADY ANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENS IS HEALDI LEVICULUS ORNATA REPANDUS SUBTENERA TENERA
BULIM IN A CHIM IN A BULIM IN A BULIM IN A BULIM IN A BULIM IN S CASSI DULIN A	AFFINIS BARBATA INFLATA INFLATA INFLATA PYRULA PYRULA ROSTRATA SUBACUMINATA SUBFUSIFORMIS TENUATA BASICOSTATA BASICOSTATA ELEGANTISSIMA BARBARA	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES	BRADYANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENSIS HEALDI LEVICULUS ORNATA REPANDUS SUBTENERA TENERA UMBONATUS
BULIM IN A COULIM IN A BULIM IN A CASSI DULIN A CASSI DULIN A	AFINIS BARBATA INFLATA INFLATA INFLATA INFLATA PARULA PYRULA ROSTRATA SUBACUMINATA SUBFUSIFORMIS TENUATA BASICOSTATA BASICOSTATA ELEGANTISSIMA BARBARA CRASSA	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES	BRADY ANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENSIS HEALDI LEVICULUS ORNATA REPANDUS SUBTENERA TENERA UMBONATUS AGASSIZI
BULIM IN A CASSI DULIN A CASSI DULIN A CASSI DULIN A	AFFINIS BARBATA INFLATA INFLATA INFLATA OVATA PYRULA POSTRATA SUBACUMINATA SUBFUSIFORMIS TENUATA BASICOSTATA ELEGANTISSIMA BARBARA CRASSA CUSMMANI	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES	BRADYANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENSIS MEALDI LEVICULUS ORNATA REPANDUS SUBTENERA TENERA UMBONATUS AGASSIZI COMPRESSA
BULIM IN A CASSIDULIN A	AFFINIS BARBATA INFLATA INFLATA INFLATA INFLATA INFLATA INFLATA INFLATA INFLATA PYRULA ROSTRATA SUBACUMINATA SUBFUSIFORMIS TENUATA BASICOSTATA ELEGANTISSIMA BARBARA CRASSA CUSHMANI DELICATA	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES FISSURINA FISSURINA	BRADYANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENSIS HEALDI LEVICULUS ORNATA REPANDUS SUBTENBERA TENERA TENERA UMBONATUS AGASSIZI COMPRESSA CUCURBITASENA
BULIM IN A COLIM IN A BULIM IN A BULIM IN A BULIM IN A BULIM IN A CASSI DULIN A	AFTINIS BARBATA INFLATA INFLATA INFLATA OVATA PYRULA POSTRATA SUBACUMINATA SUBEUSIFORMIS TENUATA BASICOSTATA ELEGANTISS IMA BARBARA CRASSA CRASSA CUSHMANI DELICATA DEPRESSA	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES ESURINA FISSURINA FISSURINA FISSURINA	BRADYANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENSIS HEALDI LEVICULUS ORNATA REPANDUS SUBTENERA UMBONATUS AGASSIZI COMPRESSA CUCURBITASENA LUCLOA
BULIM INA CASSI DULINA	AFFINIS BARBATA INFLATA INFLATA INFLATA INFLATA PYRULA PYRULA ROSTRATA SUBACUMINATA SUBFUSIFORMIS TENUATA BASICOSTATA ELEGANTIJSS IMA BARBARA CRASSA CUSMMANI DELICATA DENICATA DELICATA DEPLICATA DEPLICATA LOMITENSIS	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES FISSURINA FISSURINA FISSURINA FISSURINA	BRADYANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENSIS HEALDI LEVICULUS ORNATA REPANDUS SUBTENERA TENERA TUMBONATUS AGASSIZI COMPRESSA CUCURBITASEMA LUCIDA MARGINATA
BULIM IN A COULIM IN A BULIM IN A BULIM IN A BULIM IN A BULIM IN A CASSI DULIN A	AFINIS BARBATA INFLATA INFLATA INFLATA PYRULA PYRULA ROSTRATA SUBACUMINATA SUBTUSIFORMIS TENUATA BASICOSTATA ELEGANTISS IMA BARBARA CRASSA CUSHMANI OELICATA OEPRESSA LOMITENSIS MINUTA	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES ESURINA FISSURINA FISSURINA FISSURINA FISSURINA FISSURINA	BRADYANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENSIS HEALDI LEVICULUS ORNATA REPANDUS SUBTENERA TENERA UMBONATUS AGASSIZI COMPRESSA CUCURBITASENA LUCIDA MARGINATA ORBIGNYANA
BULIM INA CASSI DULINA	AFFINIS BARBATA INFLATA INFLATA INFLATA OVATA PYRULA PYRULA ROSTRATA SUBACUMINATA SUBEUSIFORMIS TENUATA BASICOSTATA ELEGANTISSIMA BARBARA CRASSA CUSHMANI DELICATA DEPRESSA LOMITENSIS MINUTA LOMITENSIS MINUTA PUCCHELLA	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES FISSURINA FISSURINA FISSURINA FISSURINA	BRADYANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENSIS HEALDI LEVICULUS ORNATA REPANDUS SUBTENERA TENERA TUMBONATUS AGASSIZI COMPRESSA CUCURBITASEMA LUCIDA MARGINATA
BULIM IN A CASSI DULIN A	AFINIS BARBATA INFLATA INFLATA INFLATA OVATA PYRULA ROSTRATA SUBACUMINATA SUBFUSIFORMIS TENUATA BASICOSTATA ELEGANTISSIMA BARBARA CRASSA CUSHMANI DELICATA DEPRESSA LOMITENSIS MINUTA PULCHELIA SUBFUSIATA ELEGATIATA PULCHELIA SUBCARLINATA	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES ESURINA FISSURINA	BRADYANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENSIS MEALDI LEVICULUS ORNATA REPANDUS SUBTENERA UMBONATUS AGASSIZI COMPRESSA CUCURBITASENA LUCIDA MARGINATA ORBIGNYANA SCAPHUM
BULIM IN A CASSI DULIN A	AFFINIS BARBATA INFLATA INFLATA INFLATA OVATA PYRULA PYRULA ROSTRATA SUBACUMINATA SUBEUSIFORMIS TENUATA BASICOSTATA ELEGANTISSIMA BARBARA CRASSA CUSHMANI DELICATA DEPRESSA LOMITENSIS MINUTA LOMITENSIS MINUTA PUCCHELLA	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES ETSSURINA FISSURINA	BRADYANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENSIS HEALDI LEVICULUS ORNATA REPANDUS SUBTENERA TENERA UMBONATUS AGASSIZI COMPRESSA CUCURBITASENA LUCIDA MARGINATA ORBIGNYANA SCAPHUM ADVENA
BULIM IN A CASSI DULIN A	AFINIS BARBATA INFLATA INFLATA INFLATA INFLATA PYRULA PYRULA POSTRATA SUBACUMINATA SUBFUSIFORMIS TENUATA BASICOSTATA ELEGANTISSIMA BARBARA CRASSA CUSIMANI DELICATA DEPRESSA LOMITENSIS MINUTA INFORMANI DELICATA DEPRESSA LOMITENSIS MINUTA SUBGCARINATA SUBGCARINATA SUBGCARINATA SUBGCARINATA SUBGCARINATA	EPISTOM NELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES FONIDES EPONIDES FONIDES F	BRADYANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENSIS HEALDI LEVICULUS ORNATA REPANDUS SUBTENERA UMBONATUS AGASSIZI COMPRESSA CUCURBITASENA LUCIDA MARGINATA ORBIGNYANA SCAPHUM ADVENA CANALICULATA
BULLIM IN A CASSI DULLIN A CAS	AFFINIS BARBATA INFLATA INFLATA INFLATA INFLATA OVATA PYRULA POSTRATA SUBACUMINATA SUBEUSIFORMIS TENUATA BASICOSTATA ELEGANTISSIMA BARBARA CRASSA CUSHMANI DELICATA DEPRESSA LOMITENSIS MINUTA PULCHELLA SUBCARINATA SUBCARINATA SUBCCARINATA SUBCCOBOSA CORNUTA OOLINA FIMBRIATA	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES FISSURINA FISSURIN	BRADYANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENSIS HEALDI LEVICULUS ORNATA REPANDUS SUBTENERA TENERA TENERA UMBONATUS AGASSIZI COMPRESSA CUCURBITASENA LUCIDA MARGINATA ORBIGNYANA SCAPHUM ADVENA CANALICULATA GIGAS BRAMLETTEI FUSTFORMIS
BULIM IN A CASSI DULIN A CA	AFINIS BARBATA INFLATA INFLATA INFLATA INFLATA PYRULA PYRULA ROSTRATA SUBACUMINATA SUBFUSIFORMIS TENUATA BASICOSTATA ELEGANTISSIMA BARBARA CRASSA CUSHMANI DELICATA DEPRESSA LOMITENSIS MINUTA PULCHELLA SUBGLOBOSA CORNUTA OCINIA FIMBRIATA BRADYI	EPISTOM NELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES ENTIMA FISSURINA FISSURINA FISSURINA FISSURINA FISSURINA FISSURINA FISSURINA FORDICULARIA FRONDICULARIA FRONDICULARIA FRONDICULARIA FRONDICULARIA FRONDICULARIA FRONDICULARIA FRONDICULARIA FRONDICULARIA FRONDICULARIA FURSENKOINA FURSENKOINA	BRADY ANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENS IS HEALDI LEVICULUS ORNATA REPANDUS SUBTENERA TENERA UMBONATUS AGASSIZI COMPRESSA CUCURBITASEMA LUCIDA MARGINATA ORBIGNYANA SCAPHUM ADVENA CANALICULATA GIGAS BRAMLETTEI FUSIFORMIS LOEBLICHI
BULIM IN A CASSI DULIN A	AFFINIS BARBATA INFLATA INFLATA INFLATA OVATA PYRULA PYRULA ROSTRATA SUBACUMINATA SUBACUMINATA BASICOSTATA ELEGANTISSIMA BASICOSTATA ELEGANTISSIMA BARBARA CRASSA CUSHMANI DELICATA DEPRESSA LOMITENSIS MINUTA PULCHELLA SUBCARINATA SUBCARINATA SUBCOBOSA CORNUTA OOLINA FIMBRIATA BRADYI FLETCHERI	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES FONIDES EPONIDES EPONIDES EPONIDES FONIDES FONIDES FISSURINA FISSURINA FISSURINA FISSURINA FISSURINA FISSURINA FISSURINA FISSURINA FONDICULARIA FRONDICULARIA FRONDICULARIA FRONDICULARIA FRONDICULARIA FRONDICULARIA FRONDICULARIA FURSENKOINA FURSENKOINA FURSENKOINA	BRADYANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENSIS HEALDI LEVICULUS ORNATA REPANDUS SUBTENERA UMBONATUS AGASSIZI COMPRESSA CUCURBITASENA LUCIDA MARGINATA ORBIGNYANA SCAPHUM ADVENA CANALICULATA GIGAS BRAMLETTEI FUSIFORMIS LOEBLICHI LOELICHI
BULIM IN A CASSI DULIN B CA	AFINIS BARBATA INFLATA INFLATA INFLATA INFLATA PYRULA PYRULA ROSTRATA SUBACUMINATA SUBFUSIFORMIS TENUATA BASICOSTATA ELEGANTISSIMA BARBARA CRASSA CUSHMANI DELICATA DEPRESSA LOMITENSIS MINUTA PULCHELLA SUBGLOBOSA CORNUTA OCHINA FIMBRIATA BRADYI FLETCHERI LOBATULUS	EPISTOM NELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES FISSURINA FISSURINA FISSURINA FISSURINA FISSURINA FORDICULARIA FRONDICULARIA FRONDICULARIA FRONDICULARIA FRONDICULARIA FRONDICULARIA FRONDICULARIA FURSENKOINA FURSENKOINA FURSENKOINA FURSENKOINA FURSENKOINA	BRADYANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENSIS HEALDI LEVICULUS ORNATA REPANDUS SUBTENERA TENERA UMBONATUS AGASSIZI COMPRESSA CUCURBITASENA LUCIDA MARGINATA ORBIGNYANA SCAPHUM ADVENA CANALICULATA GIGAS BRAMLETTEI FUSIFORMIS LOEDLICHI PAUCILOCULATA SANDIEGOENSIS
BULIM IN A CASSI DULIN A	AFFINIS BARBATA INFLATA INFLATA INFLATA OVATA PYRULA PSTRATA SUBACUMINATA SUBEUSIFORMIS TENUATA BASICOSTATA ELEGANTISS IMA BARBARA CRASSA CUSHMANI DELICATA DEPRESSA LOMITENSIS MINUTA PULCHELLA SUBCARINATA PULCHELLA SUBCARINATA SUBCARINATA OLINA FIMBRIATA BRADYI FLETCHERI LOBATULUS MCKANNAI	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES FONIDES EPONIDES FONIDES FONIDES FISSURINA FURSENKOINA FURSENKOINA FURSENKOINA FURSENKOINA FURSENKOINA FURSENKOINA FURSENKOINA FURSENKOINA	BRADY ANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENS IS HEALDI LEVICULUS ORNATA REPANDUS SUBTENERA TENERA UMBONATUS AGASSIZI COMPRESSA CUCURBITASENA LUCIDA MARGINATA ORBIGNYANA SCAPHUM ADVENA CANALICULATA GIGAS BRAMLETTEI FUSIFORMIS LOEBLICUI PAUCILOCULATA SANDIEGGENSIS SEMINUDA
BULLIM INA CASSI DULLINA	AFINIS BARBATA INFLATA INFLATA INFLATA INFLATA PYRULA PYRULA ROSTRATA SUBACUMINATA SUBFUSIFORMIS TENUATA BASICOSTATA ELEGANTISSIMA BARBARA CRASSA CUSHMANI DELICATA DEPRESSA LOMITENSIS MIUTA PULCHELLA SUBCLOBOSA CORNUTA OOLINA FIMBRIATA BRADYI FLETCHERI LOBATULUS MCKANNAI REFULGENS	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES ENCOINA FISSURINA FISSURINA FISSURINA FISSURINA FISSURINA FONDICULARIA FRONDICULARIA FRONDICULARIA FUNSENKOINA FURSENKOINA	BRADYANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENSIS HEALDI LEVICULUS ORNATA REPANDUS SUBTENERA TENERA UMBONATUS AGASSIZI COMPRESSA CUCURBITASENA LUCIDA ARGINATA ORBIGNYANA SCAPHUM ADVENA CANALICULATA GIGAS BRAMLETTEI FUSIFORNIS LOEBLICHI PAUCILOCULATA SANDIEGOENSIS SEMINUDA ARGINOLOCULATA SANDIEGOENSIS SEMINUDA ARGINOLOCULATA SANDIEGOENSIS SEMINUDA ARGINOLOCULATA SANDIEGOENSIS SEMINUDA ARGENTID
BULIM IN A CASSI DULIN A CA	AFFINIS BARBATA INFLATA INFLATA INFLATA OVATA PYRULA PSTRULA SUBACUMINATA SUBFUSIFORMIS TENUATA BASICOSTATA ELECANTISSIMA BARBARA CRASSA CUSHMANI DELICATA DEPRESSA LUMITENSIS MINUTA PULCHELLA SUBCARINATA SUBGLOBOSA CORNUTA OULINA FIMBRIATA BRADYI FLETCHERI LOBATULUS MCKANNAI REFULGENS SPIRALIS	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES ENCONE ENSURINA FISSURINA FISSURINA FISSURINA FISSURINA FORDICULARIA FRONDICULARIA FRONDICULARIA FRONDICULARIA FRONDICULARIA FRONDICULARIA FRONDICULARIA FRONDICULARIA FURSENKOINA FURSENKOINA FURSENKOINA FURSENKOINA FURSENKOINA GAUDRYINA GAUDRYINA	BRADYANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENSIS HEALDI LEVICULUS ORNATA REPANDUS SUBTENERA TENERA UMBONATUS AGASSIZI COMPRESSA CUCURBITASENA LUCIDA MARGINATA ORBIGNYANA SCAPHUM ADVENA CANALICULATA GIGAS BRANLETTEI FUSIFORMIS LOBULATA SANDIEGGENSIS SEMINUDA AREMARIA ANDIEGGENSIS SEMINUDA AREMARIA ANDIEGGENSIS SEMINUDA AREMARIA ATLANTICA
BULIM IN A CASSI DULIN A CA	AFINIS BARBATA INFLATA INFLATA INFLATA INFLATA OVATA PYRULA ROSTRATA SUBACUMINATA SUBFUSIFORMIS TENUATA BASICOSTATA ELEGANTISSIMA BARBARA CRASSA CUSHMANI DELICATA DEPRESSA LOMITENIS MINUTA PULCHELLA SUBCARINATA SUBGLOBDSA CORNUTA OOLINA FIMBRIATA BRADYI FLETCHERI LOBATULUS MCKANNAI REFULGENS SPIRRALIS MUNDULUS	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES ENONIDES	BRADYANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENSIS HEALDI LEVICULUS ORNATA REPANDUS SUBTENERA TENERA UMBONATUS AGASSIZI COMPRESSA CUCURBITASENA LUCIDA MARGINATA ORBIGNYANA SCAPHUM ADVENA CANALICULATA GIGAS BRAMLETTEI FUSIFORMIS LOEBLICHI PAUCILOCULATA SANDIEGOENSIS SEMINUDA ARRANIA ATLANTICA ATLANTICA
BULIM IN A CASSI DULIN A CASSI	AFINIS BARBATA INFLATA INFLATA INFLATA INFLATA PYRULA PYRULA POSTRATA SUBACUMINATA SUBFUSIFORMIS TENUATA BASICOSTATA ELEGANTISSIMA BARBARA CRASSA CUSHMANI DELICATA OEPRESSA LOMITENSIS MINUTA PULCHELLA SUBCARINATA SUBGOBOSA CORNUTA OLINA FIMBRIATA BRADYI FLETCHERI LOBATULUS MCKANNAI REFULGENS SPIRALIS MUNDULUS CRASSIMARGO	EPISTOM NELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES ENCONIDE	BRADYANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENSIS HEALDI LEVICULUS ORNATA REPANDUS SUBTENERA TENERA UMBONATUS AGASSIZI COMPRESSA CUCURBITASEMA LUCIDA MARGINATA ORBIGNYANA SCAPHUM ADVENA CANALICULATA GIGAS BRAMLETTEI FUSIFORMIS SEMINUDA ARENATIA ANDIEGGENSIS SEMINUDA ARENATIA ANDIEGGENSIS SEMINUDA ARENATIA ATLANTICA ALLANTICA SUBGLARBATA
BULLIM IN A CASSI DULLIN A CAS	AFINIS BARBATA INFLATA INFLATA INFLATA INFLATA OVATA PYRULA ROSTRATA SUBACUMINATA SUBFUSIFORMIS TENUATA BASICOSTATA ELECANTISSIMA BARBARA CRASSA CUSHMANI DELICATA DEPRESSA LOMITENIS MINUTA PUCCHELLA SUBCARINATA SUBGODOSA CORNUTA OOLINA FIMBRIATA BRADYI FLETCHERI LOBATULUS MCKANNAI REFULGENS SPIRALIS MUNDULUS CRASSIMARGO JEFFRRYSII	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES ENONIDES	BRADYANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENSIS HEALDI LEVICULUS ORNATA REPANDUS SUBTENERA TENERA TENERA UMBONATUS AGASSIZI COMPRESSA CUCURBITASENA LUCIDA MARGINATA ORBIGNYANA SCAPHUM ADVENA CANALICULATA GIGAS BRAMLETTEI FUSTFORMIS LOEBLICHI PAUCILOCULATA SANDIEGOENSIS SEMINUA ARENARIA ATLANTICA ATLANTICA SUBGLABRATA CAMPANULATA
BULIM IN A CASSI DULIN A CA	AFINIS BARBATA INFLATA INFLATA INFLATA INFLATA OVATA PYRULA ROSTRATA SUBACUMINATA SUBFUSIFORMIS TENUATA BASICOSTATA ELEGANTISSIMA BARBARA CRASSA CUSHMANI DELICATA DEPRESSA LOMITENSIS MINUTA PULCHELLA SUBCARINATA SUBGLOBOSA CORNUTA OOLINA FIMBRIATA BRADYI FLETCHERI LOBATULUS MCKANNAI REFULGENS SPIRALIS MUNDULUS CRASSIMARGO JEFFREYSII NITJOUM	EPISTOM NELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES ENCONIDA FISSURINA FISSURINA FISSURINA FISSURINA FISSURINA FORDICULARIA FRONDICULARIA FRONDICULARIA FURSENKOINA FURSENKOINA FURSENKOINA FURSENKOINA FURSENKOINA GAUDRYINA GAUDRYINA GAUDRYINA GAUDRYINA GAUDRYINA GAUDRYINA GAUDRYINA GAUDRYINA GAUDRYINA GAUCHINOPSIS GAVELINOPSIS	BRADYANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENSIS HEALDI LEVICULUS ORNATA REPANDUS SUBTENERA TENERA UMBONATUS AGASSIZI COMPRESSA CUCURBITASENA LUCIDA MARGINATA ORBIGNYANA SCAPHUM ADVENA CANALICULATA GIGAS BRAMLETTEI FUSIFORMIS LOEBLICHI PAUCILOCULATA SANDIEGOENSIS SEMINUDA ARENARIA ATLANTICA ATLANTICA ATLANTICA SUBGLABRATA CAMPANULATA CHARA
BULIM INA CASSI DULINA CASSI	AFFINIS BARBATA INFLATA INFLATA INFLATA INFLATA OVATA PYRULA PSTRATA SUBACUMINATA SUBEUSIFORMIS TENUATA BASICOSTATA ELEGANTISS IMA BARBARA CRASSA CUSHMANI DELICATA PURCHELLA SUBCARINATA PULCHELLA SUBCARINATA PULCHELLA SUBCARINATA PULCHELLA SUBCARINATA PULCHELLA SUBCARINATA FIMBRIATA BRADYI FLETCHERI LOBATULUS MCKANNAI REFULGENS SPIRALIS MUNDULUS CRASSIMARGO JEFFREYSII NITIJOUM SUBGLOBOSUM	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES FISSURINA FURSENKOINA FURSENKOINA FURSENKOINA FURSENKOINA FURSENKOINA FURSENKOINA GAUDRYINA GAUDRYINA GAUDRYINA GAUDRYINA GAUDRYINA GAVELINOPSIS GAVELINOPSIS GAVELINOPSIS	BRADYANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENSIS HEALDI LEVICULUS ORNATA REPANDUS SUBTENBERA TENERA TENERA UMBONATUS AGASSIZI COMPRESSA CUCURBITASENA LUCIDA MARGINATA ORBIGNYANA SCAPHUM A DVENA CANALICULATA GIGAS BRAMLETTEI FUSIFORMIS LOEBLICHI PAUCILOCULATA SANDIEGOENSIS SEMINUDA A RENARIA ATLANTICA ATLANTICA ATLANTICA CAMPANULATA CHERACITICA SUBGLABRATA CAMPANULATA PRAEGERI LAUNIEI
BULIM IN A CASSI DULIN A CA	AFINIS BARBATA INFLATA INFLATA INFLATA INFLATA OVATA PYRULA ROSTRATA SUBACUMINATA SUBFUSIFORMIS TENUATA BASICOSTATA ELEGANTISSIMA BARBARA CRASSA CUSHMANI DELICATA DEPRESSA LOMITENSIS MINUTA PULCHELLA SUBCARINATA SUBGLOBOSA CORNUTA OOLINA FIMBRIATA BRADYI FLETCHERI LOBATULUS MCKANNAI REFULGENS SPIRALIS MUNDULUS CRASSIMARGO JEFFREYSII NITJOUM	EPISTOM NELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES ENCONIDA FISSURINA FISSURINA FISSURINA FISSURINA FISSURINA FORDICULARIA FRONDICULARIA FRONDICULARIA FURSENKOINA FURSENKOINA FURSENKOINA FURSENKOINA FURSENKOINA GAUDRYINA GAUDRYINA GAUDRYINA GAUDRYINA GAUDRYINA GAUDRYINA GAUDRYINA GAUDRYINA GAUDRYINA GAUCHINOPSIS GAVELINOPSIS	BRADYANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENSIS HEALDI LEVICULUS ORNATA REPANDUS SUBTENERA TENERA UMBONATUS AGASSIZI COMPRESSA CUCURBITASENA LUCIDA MARGINATA ORBIGNYANA SCAPHUM ADVENA CANALICULATA GIGAS BRAMLETTEI FUSIFORMIS LOEBLICMI PAUCILOCULATA SANDIEGOENSIS SEMINUDA ATLANTICA ATLANTICA ATLANTICA SUBGLABRATA CAMPANULATA PREGERI LAURIEI OPERCULARIS
BULIM IN A CASSI DULIN A CASSI	AFINIS BARBATA INFLATA INFLATA INFLATA INFLATA INFLATA OVATA PYRULA ROSTRATA SUBACUMINATA SUBFUSIFORMIS TENUATA BASICOSTATA ELEGANTISSIMA BARBARA CRASSA CUSHMANI DELICATA DEPRESSA LOMITENSIS MINUTA PULCHELLA SUBCARINATA SUBCARINATA SUBCARINATA OULTA PULCHELLA OULTA FIMBRIATA BRADYI FLETCHERI LOBATULUS MCKANNAI REFULGENS SPIRALIS MUNDULUS CRASSIMARGO JEFFREYSII NITIOUM SUBCLOBOSUM VELERONIS	EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES ENCINA FISSURINA FISSURINA FISSURINA FISSURINA FISSURINA FISSURINA FURSENCOINA FURSENCOINA FURSENCOINA FURSENCOINA FURSENCOINA FURSENCOINA GAUDRYINA GAUDRYINA GAUDRYINA GAUDRYINA GAUDRYINA GAUDRYINA GAUDRYINA GAUDRYINA GAUDRYINA GAUBRYINA GAUBRATELLA GLABRATELLA	BRADY ANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENS IS HEALDI LEVICULUS ORNATA REPANDUS SUBTENERA TENERA UMBONATUS AGASSIZI COMPRESSA CUCURBITASENA LUCIDA MARGINATA ORBIGNYANA SCAPHUM ADVENA CANALICULATA GIGAS BRAMLETTEI FUSIFORMIS LOBULATICA SANDIEGOENSIS SEMINUDA AREARARIA ATLANTICA ATLANTICA ATLANTICA CAMPANULATA CAMPANULATA PRAEGERI LUULATA CAMPANULATA CAMP
BULLIM INA CASSI DULLINA CA	AFFINIS BARBATA INFLATA INFLATA INFLATA INFLATA OVATA PYRULA PSTRULA ROSTRATA SUBACUMINATA SUBACUMINATA SUBTUSIFORMIS TENUATA BASICOSTATA ELECANTISSIMA BARBARA CRASSA CUSHMANI DELICATA DEPRESSA LUMITENSIS MINUTA PULCHELLA SUBCARINATA SUBGLOBOSA CORNUTA OOLINA FIMBRIATA BRADYI FLETCHERI LOBATULUS MCKANNAI REFULGENS SPIRALIS MUNDULUS CRASSIMARGO JEFFREYSII NITIOUM SUBCLOBOSUM VELERONIS WIESNERI	EPISTOM NELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPONIDES ENONIDES	BRADYANA EXIGUA PACIFICA UMBONIFERA VITREA COLUMBIENSIS HEALDI LEVICULUS ORNATA REPANDUS SUBTENERA UMBONATUS AGASSIZI COMPRESSA CUCURBITASENA LUCIDA MARGINATA ORBIGNYANA SCAPHUM ADVENA CANALICULATA GIGAS BRAMLETTEI FUSIFORMIS LOEBLICHI PAUCILOCULATA SANDIEGOENSIS SEMINUDA ATLANTICA ATLANTICA ATLANTICA SUBGLABRATA CAMPANULATA PRAEGERI LAURIEI OPERCULARIS

GLABRATELLA	WRIGHTII
GLANDUL I NA	LAEVIGATA
GL080 BULIMINA	AURICULATA
GLOBO BULIMINA	OVULA
GLOBOBULIMINA GLOBOBULIMINA	PACIFICA .
GLOBO TEXTULARIA	ANCEPS
GLOMO SPIRA	CHARDIDES
GL OMO SPIRA	GORDIALIS
GOESELLA	FLINTII
GUTTULINA	ORIENTALIS
GUTTULINA	PROBLEMA
GYROI DI NA	ALTIFORMIS
GYROI DI NA	GEMMA
GYROI DI NA	10
GYROIDINA	LAMARCKIANA
GYROI DI NA	ORBICULARIS
G Y R O I D I N A	SOLDANII
HAPLOPHRAGMOIDES	ADVENUM
HAPLOPHRAGMOIDES	BRADYI
HAPLOPHRAGMOIDES	CANARIENSIS
HAPLO PHRAGMO I DE S	COLUMBIENSIS
HAPLOPHRAGMOIDES	PLANISSIMUM
HAPLOPHRAGMOIDES	RINGENS
HAPLOPHRAGMOIDES	SCITULUM
HAPLOPHRAGMOIDES	SPHAERILOCULUS
HAPLOPHRAGMOIDES	SUBINVOLUTUM
HAPLOPHRAGMOIDES	TENUIS
HAYNESINA	ORBICULARE
HOEGLUNDINA	ELEGANS
HORMOSINA	GLOBULIFERA
HYPERAMMINA	CYLINDRICA
HYPERAMMINA	ELONGATA
HYPERAMMINA	FRIABILIS
ISLANDIELLA	CALIFORNICA
I SLAN DI ELL A	HELENAE
ISLANDIELLA	LIMBATA
ISLANDIELLA	NORCROSSI
ISLANDIELLA	TORTUOSA
ISLANDIELLA	TRANSLUCENS
J A CUL EL L A	ACUTA
JADAMMINA	POLYSTOMA
KARRERIELLA	BACCATA
KARRERIELLA	PARKERAE
LAGENA	AMPHORA
LAGENA	APIOPLEURA
LAGENA	CLAVATA
LAGENA	DENTAL 1 FORM IS
LAGENA	DISTOMA
LAGENA	
	ELONGATA
LAGENA	GRACILIS
LAGENA	HISPIDULA
LAGENA	LAEVIS
LAGENA	LAMELLATA
LAGENA	MERIDIONALIS
LAGENA	MOLLIS
L A G E N A	NEBULOSA
LAGENA	PARRI
LAGENA	PERLUCIDA
LAGENA	PLIOCENICA
LAGENA	SEMILINEATA
LAGENA	SPICATA
LAGENA	STRIATA
LAGENA	SUBSTRIATA
LAGENA	SULCATA
LAGENAMMINA	LONGICOLLIS
LARYNGOSIGMA	HYALASCIDIA
LARYN GOS I GMA	LACTEA
LENTICULINA	D * OR B I GNY I
	IOTA
LENTI CULINA LENTI CULINA	NICOBARENSIS
LENTI CUL INA	ORBICULARIS
LENTICULINA	STRONGI
MADGIANTI TAIA	BACHEII
MARGINULINA	
MARGINULINA MARTINOTTIELLA	GLABRA
MARIINUTTIELLA	OCCIDENTALIS
MARTINOTTIELLA	PRIMAEVA
MASSILINA	CRESCENTENSIS
MASSILINA	PULCHRA
MELONIS	BARLEEANUS
M ELON IS	POMPILIOIDES
MILIAMMINA	FUSCA
MILIOLINELLA	CALIFORNICA
MILIOLINELLA	CIRCULARIS
MILIOLINELLA	SUBROTUNDA
NEOCONORBINA	TERQUEMI
NODELLUM	MEMBRANACEUM
NODOS AR I A	SUBSCALARIS
NONIONELLA	AURICULA
NONIONELLA	AURIS
NONIONELLA	BASISPINATA
NONIONELLA	BRADYI
NONIONELLA	GRATELOUPI
NONIONELLA	JAPONICA
NONIONELLA	MIOCENICA
NONIONELLA	PUNCTATA
HONIONECEN	. UNCINIA

NONIONELLA STELLA TURGIDA NONIONELLA NONIONELLA TURGIDA DIGITATA LABRADORICA NONIONELLINA NOURIA POLYMORPHINOIDES OOLINA BOREALIS DOLINA GLOBOSA DOLINA HEXAGONA DOLINA LAEVIGATA DOLINA LINEATA OOLINA L INEATOPUNE TAT A OCLINA MELO STRIATOPUNETATA OOLINA STRIATOPUNCTATA GEMMA OOLINA OOLINA WILLIAMSONI OPHTHAL MID THM ACUTIMARGO PARAFISSUR INA FUSILIFORMIS PARRINA PATELLINA PATEORIS CORRUGATA HAUERINOIDES DIDERA VARIABILIS PELOSINA PELOSINA PLACOPSILINA ACERVAL IS PLANORBILLINA PLANORBULINA MEDITERRANENSIS PLANULINA ARIMINENSIS PLANULINA ORNATA PLANULINA WUELLERSTORFI POLYMORPHI NA KINCALDI CRIBROREPANDUS POROEPONIDES POROFPONIOES LATERALIS PROTOSCHISTA FINDENS P S A M M O S P H A E R A FUSCA P S E U D O N O D O S A R I A RADICULA PSEUDOPOLYMORPHINA CHARLOTTENSIS P S E U D O P O L Y M O R P H I N A LIGUA BULLOIDES PULLENIA PULLENIA MULTILOBATA PULLENIA QUINQUEL ORA SALISBURYI PYRGO ARYSSORIIM PYRGO DEPRESSA PYRGO LUCERNULA PYRGO MURRHINA PYRGO ROTALARIA PYRGO PYRGO SERRATA VESPERTILIO PYRGO WILLIAMSONI PYRGOELLA SPHAERA QUINQUELOCUL INA AGGLUTINATA QUINQUELOCULINA QUINQUELOCULINA AKNERIANA ARCTICA QUINQUELOCUL INA BELLATULA QUINQUELOCUL INA CATAL INFNSIS QUINQUE LOCUL INA ELONGATA **QUINQUELOCULINA** FERUSSACHII DUINGUEL OC UL INA FRIGIDA OUINQUELOCUL INA PROCERA **QUINQUELOCULINA** S EM I NUL A QUINQUELOCUL INA SP. STALKERI QUINQUELOCUL INA QUINQUELOCUL INA TENAGOS QUINQUELOCULINA RECTOBOLIVINA VULGARIS **AMYGDALIFORMIS** RECTOBOLIVINA INSTABILE RECTOBOL IVINA PORRECTA CONTORTUS RECURVOIDES RECURVOIDES TURBINATUS REOPHAY CURTUS REOPHAX DENTALINIFORMIS REOPHAX DISTANS EXCENTRICUS REOPHAX REOPHAX REOPHAY INSECTIIS REOPHAX NODULOSUS REOPHAX PILULIFER REOPHAX SCORPIURUS REOPHAX SCOTTII SUBFUSIFORMIS REOPHAX RHABDAMMINA ABYSSORUM RHABDAMMINA LINEARIS ALGAEFORMIS RHIZAMMINA RHIZAMMINA INDIVISA ROBERTINA ARCTICA ROBERTINGIDES CHARLOTTENSIS ROSALINA COLUMBIENSIS ROSALINA I SABELLEANA ROSALINA MONICANA RUPERTIA STABILIS SACCAMMINA ATLANTICA SACCAMMINA HANCOCKI SACCAMMINA LAGENARIA SPHAERICA SACCAMMINA SACCORHIZA RAMOSA SPINIGERA REDUCTA SEJUNCTELLA

SIGMOILOPSIS	SCHLUMBERGERI
SIGMOMORPHINA	GALLOWAYI
SIGMOMORPHINA	TRILOCULARIS
SIPHONAPERTA	SABULOSA
SPHAEROIDINA	BULLOIDES
SPIRILL INA	VIVIPARA
SPIROPL ECTAMMINA	BIFORMIS
SPIROSIGMOILINA	DISTORTA
SUGGRUNDA	ECKISI
TEXTULARIA	EARLANDI
TEXTULARIA	TORQUATA
THALMANNAMMINA	PARKERAE
TRICHOHYALUS	ORFORDENSIS
TRIFARINA	ANGULOSA
TRIFARINA	FLUENS
TRIFARINA	HUGHES I
TRIFARINA	SEMITRIGONA
TRILOCULINA	ROTUNDA
TRILOCULINA	TRIGONULA
TRILOCULINA	TRIHEDRA
TROCHAMMINA	ADVENA
TROCHAMMINA	CHARLOTTENSIS
TROCHAMMINA	DISCORBIS

TROCHAMMINA	GLOB I GERINIFORM IS
TROCHAMMINA	GRISEA
TROCHAMMINA	INFLATA
TROCHAMMINA	KELLETTAE
TROCHAMMINA	MACRESCENS
TROCHAMMINA	NANA
TROCHAMMINA	NITIDA
TROCHAMMINA	PACIFICA
TROCHAMMINA	PACIFICA SIMPLISSIMA
TROCHAMMINA	ROTALIFORMIS
TROCHAMMINA	SQUAMATA
TROCHAMMINA	SQUAMIFORMIS
TURR [SPIRILL INA	ARCTICA
UVIGERINA	AUBERIANA
UVIGERINA	J UNC E A
UVIGERINA	PEREGRINA
UVIGERINA	PEREGRINA DIRUPTA
UVIGERINA	PROBOSCIDEA
UVIGERINA	SENTICOSA
V A G I N U L I N A	L E GUME N
VALVULINERIA	ARAUCANA
VALVUL[NER ]A	GLABRA

## CATALOG 5

## Latitude and Longitude of Synonymized Species

Lat. Long.	Locality	Generic Name	Specific Name	Publication
41 14N 124 07W	CALIFORNIA COAST	BULIMINELLA	ELEGANTISSIMA	COOPER 1961
	CALIFORNIA COAST	ELPHIDIELLA	HANNAI	COOPER 1961
	CALIFORNIA COAST CALIFORNIA COAST	ELPHIDIUM	CRISPUM MICROGRANULOSUM	COOPER 1961 COOPER 1961
	CALIFORNIA COAST	ELPHIDIUM Trochammina	KELLETTAE	COOPER 1961
41 36N 124 13W	CALIFORNIA COAST	BUCCELLA	TENERRIMA	COOPER 1961
	CALIFORNIA COAST	CIBICIDES	FLETCHERI	COOPER 1961
	CALIFORNIA COAST CALIFORNIA CDAST	ELPHIDIELLA Elphidium	HANNAI HUGHESI FORAMINOSUM	COOPER 1961 COOPER 1961
	CALIFORNIA COAST	ELPHIDIUM	MICROGRANULOSUM	COOPER 1961
	CALIFORNIA COAST	<b>ELPHIDIUM</b>	TRANSLUCENS	COOPER 1961
	CALIFORNIA COAST CALIFORNIA COAST	EPONIDES FISSURINA	COLUMBIENSIS LUCIDA	COOPER 1961 COOPER 1961
	CALIFORNIA COAST	FISSURINA	MARGINATA	COOPER 1961
	CALIFORNIA COAST	GLABRATELLA	ORNATISSIMA	COOPER 1961
	CALIFORNIA COAST CALIFORNIA COAST	I SLANDIELLA POROEPONI DES	LIMBATA CRIBROREPANDUS	COOPER 1961 COOPER 1961
	CALIFORNIA COAST	ROSALINA	MONICANA	COOPER 1961
41 42N 124 13W	OFF CALIFORNIA	BULIMINELLA	ELEGANTISSIMA	CUSHMAN MCCULLOCH 1948
41 45N 124 13W	CRESCENT CITY, CALIF.	ANGUL OD IS CORB IS	CHARLOTTENSIS	LANKFORD PHLEGER 1973
	CRESCENT CITY, CALIF. CRESCENT CITY, CALIF.	BOLIVINA BUCCELLA	COMPACTA TENERRIMA	LANKFORD PHLEGER 1973 LANKFORD PHLEGER 1973
	CRESCENT CITY, CALIF.	BULIMINELLA	ELEGANTISSIMA	LANKFORD PHLEGER 1973
	CRESCENT CITY, CALIF.	CIBICIDES	LOBATULUS	LANKFORD PHLEGER 1973
	CRESCENT CITY, CALIF. CRESCENT CITY, CALIF.	DYOCIBICIDES DYOCIBICIDES	BISERIALIS PERFORATA	LANKFORD PHLEGER 1973 LANKFORD PHLEGER 1973
	CRESCENT CITY, CALIF.	ELPHIDIELLA	HANNA I	LANKFORD PHLEGER 1973
	CRESCENT CITY, CALIF. CRESCENT CITY, CALIF.	ELPHIDIUM	EXCAVATUM	LANKFORD PHLEGER 1973
	CRESCENT CITY, CALIF. CRESCENT CITY, CALIF.	ELPHIDIUM Elphidium	FRIGIDUM Lene	LANKFORD PHLEGER 1973 LANKFORD PHLEGER 1973
	CRESCENT CITY CALIF	EPISTOMINELLA	BRADYANA	LANKFORD PHLEGER 1973
	CRESCENT CITY, CALIF. CRESCENT CITY, CALIF.	FISSURINA	LUCIDA	LANKFORD PHLEGER 1973
	CRESCENT CITY, CALIF.	H APL OPHRAGMOIDES L AGENA	COLUMBIENSIS STRIATA	LANKFORD PHLEGER 1973 LANKFORD PHLEGER 1973
	CRESCENT CITY, CALIF. CRESCENT CITY, CALIF.	MASSILINA	PULCHRA	LANKFORD PHLEGER 1973
	CRESCENT CITY, CALIF.	MILIOLINELLA	CALIFORNICA	LANKFORD PHLEGER 1973
	CRESCENT CITY, CALIF. CRESCENT CITY, CALIF.	NONIONELLA NONIONELLA	BASISPINATA Stella	LANKFORD PHLEGER 1973 LANKFORD PHLEGER 1973
	CRESCENT CITY, CALIF.	NOURIA	POLYMORPHINOIDES	LANKFORD PHLEGER 1973
	CRESCENT CITY, CALIF.	OOLINA	MELO	LANKFORD PHLEGER 1973
	CRESCENT CITY, CALIF. CRESCENT CITY, CALIF.	PATELLINA QUINQUELOCULINA	CORRUGATA BELLATULA	LANKFORD PHLEGER 1973 LANKFORD PHLEGER 1973
	CRESCENT CITY, CALIF.	QUINQUELOCULINA	ELONGATA	LANKFORD PHLEGER 1973
	CRESCENT CITY, CALIF.	QUINQUELOCULINA	TENAGOS	LANKFORD PHLEGER 1973
	CRESCENT CITY, CALIF. CRESCENT CITY, CALIF.	QUINQUELOCULINA ROSALINA	VULGARIS COLUMBIENSIS	LANKFORD PHLEGER 1973 LANKFORD PHLEGER 1973
	CRESCENT CITY, CALIF.	SACCAMMINA	ATLANTICA	LANKFORD PHLEGER 1973
	CRESCENT CITY, CALIF.	SIGMOMORPHINA	TRILOCULARIS	LANKFORD PHLEGER 1973 LANKFORD PHLEGER 1973
	CRESCENT CITY, CALIF. CRESCENT CITY, CALIF.	S I PHONAPERTA Textularia	SA BULO SA EA RLAN DI	LANKFORD PHLEGER 1973
	CRESCENT CITY, CALIF.	TROCHAMMINA	CHARLOTTENSIS	LANKFORD PHLEGER 1973
41 46N 124 14W	CRESCENT CITY, CALIF. CRESCENT CITY, CALIF.	TROCHAMMINA	PACIFICA	LANKFORD PHLEGER 1973
41 46N 124 14W	CRESCENT CITY, CALIF.	ANOMALINA Elphidiella	S C HMI T T I H A N N A I	NATLAND 1933 NATLAND 1933
	CRESCENT CITY, CALIF.	ELPHIQIUM	ARTICULATUM	NATLAND 1933
	CRESCENT CITY, CALIF. CRESCENT CITY, CALIF.	ELPHIDIUM EPONIDES	HU GHE S I OR NAT A	NATLAND 1933 NATLAND 1933
	CRESCENT CITY, CALIF.	FLORILUS	S C APHUM	NATLAND 1933
	CRESCENT CITY, CALIF.	MASSILINA	CRESCENTENSIS	HAMLIN 1960
42 25N 124 26W	CRESCENT CITY, CALIF. OREGON COAST	QUINQUELOCULINA BOLIVINA	S E M I N U L A HUM I L I S	NATLAND 1933 COOPER 1961
42 23N 124 20W	OREGON COAST	BUCCELLA	TENERRIMA	COOPER 1961
	OREGON COAST	CIBICIDES	FLETCHERI	COOPER 1961
	OREGON COAST OREGON COAST	ELPHIDIELLA Elphidium	HANNAI MICROGRANULOSUM	COOPER 1961 COOPER 1961
	OREGON COAST	ELPHIDIUM	TRANSLUCENS	COOPER 1961
	OREGON COAST	EPONIDES	COLUMBIENSIS	COOPER 1961
	OREGON COAST OREGON COAST	GLABRATELLA GLABRATELLA	LAURIEI Ornatissima	COOPER 1961 COOPER 1961
	OREGON COAST	TROCHAMMINA	KELLETTAE	COOPER 1961
42 45N 124 31W	PORT ORFORD, OREGON	MASSILINA	CRESCENTENSIS	HAMLIN 1960
/3 5/W 13/ /3U	PORT ORFORD, OREGON	TRICHOHYALUS BULIMINA	OR FOR DENSIS OVATA	HAMLIN 1960
42 54N 124 43W	OFF OREGON OFF OREGON	NONIONELLA	PUNCTATA	CUSHMAN 1927 Cushman 1927
	OFF OREGON	NONIONELLINA	LABRADORICA	CUSHMAN 1927
42 54N 124 44W	OFF OREGON OFF OREGON	BULIMINA LAGENA	OVATA GRACILIS	CUSHMAN 1927 CUSHMAN 1927
	OFF OREGON	LAGENA	SUBSTRIATA	CUSHMAN 1927
	OFF OREGON	NONIONELLA	PUNCTATA	CUSHMAN 1927
	OFF OREGON OFF OREGON	NONIONELL INA SACCAMMINA	L A B R A D O R I C A A T L A N T I C A	CUSHMAN 1927 Cushman 1927
42 54N 124 48W	OFF OREGON	BOLIVINA	PUNCTATA	CUSHMAN 1927
	OFF OREGON	GLOBOBUL I MI NA	OVULA TENUTS	CUSHMAN 1927
	OFF OREGON OFF OREGON	HAPLOPHRAGMOIDES LAGENA	TENUIS CLAVATA	CUSHMAN 1927 Cushman 1927
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Lat.	Long.	Locality	Generic Name	Specific Name	Publication
42 54N	124 48W	OFF OREGON	NONIONELLA	MIOCENICA	CUSHMAN 1927
/2 FEN	124 45W	OFF OREGON	SACCAMMINA	ATLANTICA	CUSHMAN 1927
42 33N	124 43W	OFF OREGON OFF OREGON	BULIMINA CHILOSTOMELLA	OV ATA OOL INA	CUSHMAN 1927 CUSHMAN 1927
		OFF OREGON	LAGENA	SUBSTRIATA	CUSHMAN 1927
		OFF OREGON OFF OREGON	NONIONELLINA REOPHAX	LA BRADORICA Excentricus	CUSHMAN 1927 CUSHMAN 1927
		OFF OREGON	SACCAMMINA	ATLANTICA	CUSHMAN 1927
43 00N	125 O7W	OFF OREGON OFF OREGON	BULIMINA	AFFINIS	CUSHMAN 1927
43 02N	124 55W	OFF OREGON	BULIMINA Epistominella	OV ATA PACIFICA	CUSHMAN 1927 CUSHMAN 1927
		OFF OREGON	FLORILUS	SCAPHUM	CUSHMAN 1927
		OFF OREGON OFF OREGON	NONIONELLINA PYRGO	LABRADORICA DE PRESSA	CUSHMAN 1927 CUSHMAN 1927
43 O2N	125 00W	OFF OREGON	CHILOSTOMELLA	OOLINA	CUSHMAN 1927
		OFF OREGON OFF OREGON	EPISTOMINELLA Globobulimina	PACIFICA OVULA	CUSHMAN 1927 CUSHMAN 1927
	124 52W	OFF CALIFORNIA	PYRGO	SERRATA	CUSHMAN 1927
43 USN 43 USN	125 01W 125 08W	OFF OREGON OFF OREGON	PULLENIA BULIMINA	MULTIL OBATA OVATA	CUSHMAN AND TOOD 1943 CUSHMAN 1927
		OFF OREGON	BULIMINA	TENUATA	CUSHMAN 1927
		OFF OREGON OFF OREGON	GLOBOBULIMINA LAGENA	OVULA CLAVATA	CUSHMAN 1927 CUSHMAN 1927
		OFF OREGON	LAGENA	ELONGATA	CUSHMAN 1927
43 U/N	124 26W	OREGON COAST OREGON COAST	BUCCELLA BULIMINELLA		COOPER 1961 COOPER 1961
		OREGON COAST	CIBICIDES	FLETCHERI	COOPER 1961
		OREGON COAST OREGON COAST	CIBICIDES EGGERELLA		COOPER 1961 COOPER 1961
		OREGON COAST	ELPHIDIELLA	1 ANN AH	COOPER 1961
		OREGON COAST OREGON COAST	ELPHIDIUM Elphidium	MICROGRANULOSUM TRANSLUCENS	COOPER 1961 COOPER 1961
		OREGON COAST	FISSURINA	MARGINATA	COOPER 1961
		OREGON COAST OREGON COAST	GAUDRY INA GAUDRY INA	ARENARIA ATLANTICA	COOPER 1961 COOPER 1961
		OREGON COAST	GAUDRYINA	ATLANTICA PACIFICA	COOPER 1961
		OREGON COAST OREGON COAST	GAUDRYINA GLABRATELLA	SUBGLABRATA Ornatissima	COOPER 1961 COOPER 1961
		OREGON COAST	HAPLOPHRAGMOIDES	COLUMBIENSIS	COOPER 1961
		OREGON COAST OREGON COAST	ISLANDIELLA MILIOLINELLA	TORTUOSA CIRCULARIS	COOPER 1961 COOPER 1961
		OREGON COAST	NONIONELLA	BASISPINATA	COOPER 1961
		OREGON COAST OREGON COAST	QUINQUELOCULINA ROBERTINOIDES		COOPER 1961 COOPER 1961
		OREGON COAST	ROSALINA	MONICANA	COOPER 1961
		OREGON COAST OREGON COAST	TRIFARINA TROCHAMMINA		COOPER 1961 COOPER 1961
43 O7N	124 41W	OFF OREGON	BOLIVINA	PUNCTATA	CUSHMAN 1927
		OFF OREGON OFF OREGON	BUL1MINA NONIONELLA	OV ATA PUNCTATA	CUSHMAN 1927 CUSHMAN 1927
/7 00 H	12/ 5511	OFF OREGON	NONIONELLINA	LABRADORICA	CUSHMAN 1927
*3 UBN	124 55W	OFF OREGON OFF OREGON	BATHYSIPHON BULIMINA	ARENACEA TENUATA	CUSHMAN 1927 CUSHMAN 1927
		OFF OREGON OFF OREGON	CASSIDULINA	DELICATA	CUSHMAN 1927
		OFF OREGON	CHILOSTOMELLA EPISTOMINELLA	OOLINA PACIFICA	CUSHMAN 1927 CUSHMAN 1927
		OFF OREGON OFF OREGON	GLOBOBUL IMINA HAPLOPHRAGMOI DES	DVULA TENUIS	CUSHMAN 1927 CUSHMAN 1927
		OFF OREGON	PLANUL INA	ORNATA	CUSHMAN 1927
43 ORN	124 59W	OFF OREGON OFF OREGON	PYRGO Bulimina	D E PRE S SA T E NUA T A	CUSHMAN 1927 CUSHMAN 1927
		OFF OREGON	EPONIDES	TENERA	CUSHMAN 1927
43 09N	124 42W	OFF OREGON OFF OREGON	LAGENA NONIONELLINA	SUBSTRIATA LABRADORICA	CUSHMAN 1927 CUSHMAN 1927
		OFF OREGON	PULLENIA	GUINQUELOBA	CUSHMAN 1927
43 12N	125 D1W	OFF OREGON OFF OREGON	BULIMINA Bulimina	INFLATA OVATA	CUSHMAN 1927 CUSHMAN 1927
		OFF OREGON	BULIMINA	TENUATA	CUSHMAN 1927
		OFF OREGON OFF OREGON	CHILOSTOMELLA CHILOSTOMELLINA	OOLINA FIMBRIATA	CUSHMAN 1927 CUSHMAN 1927
		OFF OREGON	EPISTOMINELLA	PACIFICA	CUSHMAN 1927
43 14N	124 43W	OFF OREGON	EGGERELLA EPISTOMINELLA	AD VENA PACIFICA	CUSHMAN 1927
		OFF OREGON	LAGENA	LAMELLATA	CUSHMAN 1927
43 15N	124 53W	OFF OREGON OFF OREGON	LAGENA CHILOSTOMELLINA	SU OSTRIATA FI MORIATA	CUSHMAN 1927 CUSHMAN 1927
		OFF OREGON	EPONIDES	T E N E R A	CUSHMAN 1927
43 21N	124 20W	SUNSET BAY, OREGON SUNSET BAY, OREGON	ASTRONONION BUCCELLA	GALLOWAY I INUSITATA	DETLING 1958 DETLING 1958
		SUNSET BAY, OREGON	BULIMINELLA	ELEGANTISSIMA	DETLING 1958
		SUNSET BAY, OREGON SUNSET BAY, OREGON	C 18 1 C 10 E S C Y C L O G Y R A	LOBATULUS INVOLVENS	DETLING 1958 DETLING 1958
		SUNSET BAY, OREGON	EGGERELLA	AD VEN A	DETLING 1958
		SUNSET BAY, OREGON SUNSET BAY, OREGON	ELPHIOIELLA ELPHIOIUM	NITIDA INCERTUM	0 E T L I N G 1958 0 E T L I N G 1958
		SUNSET BAY, OREGON	ELPHIDIUM	SUBARCTICUM	DETLING 1958
		SUNSET BAY, OREGON SUNSET BAY, OREGON	EPONIOES FISSURINA	COLUMBIENSIS LUCIDA	DETLING 1958 DETLING 1958
		SUNSET BAY, OREGON	GLABRATELLA	ORNATISSIMA	DETLING 1958
		SUNSET BAY, OREGON SUNSET BAY, OREGON	GLABRATELLA HAPLOPHRAGMOIDES	SANJU ANENSIS COLUMBIENSIS	DETLING 1958 DETLING 1958
		SUNSET BAY . OREGON	1 SLANDIELLA	LIMBATA	DETLING 1958
		SUNSET BAY, OREGON SUNSET BAY, OREGON	NONIONELLA NONIONELLA	GRATELOUPI STELLA	DETLING 1958 DETLING 1958
		SUNSET BAY, OREGON	OOLINA	MELO	DETLING 1958

Lat. Long.	Locality	Generic Name	Specific Name	Publication
43 21N 124 20W	SUNSET BAY, OREGON	PATEORIS	HA UER I NO I DES	DETLING 1958
	SUNSET BAY, OREGON	PLANORBULINA	ACERVALIS	DETLING 1958 DETLING 1958
	SUNSET BAY, OREGON SUNSET BAY, OREGON	POROEPONIDES ROBERTINOIDES	LATERALIS CHARLOTTENSIS	DETLING 1958
	SUNSET BAY, OREGON	ROSALINA	COLUMBIENSIS	DETLING 1958
	SUNSET BAY, OREGON SUNSET BAY, OREGON	ROBERT INDIDES ROSALINA TRIFARINA TROCHAMMINA	FLUENS CHARLOTTENS IS	DETLING 1958 DETLING 1958
	SUNSEL BALL OKERON	INCCHAMMINA	DISCORBIS	DETLING 1958
		T ROCHAMMINA T ROCHAMMINA	INFLATA ROTALIFORMIS	OETLING 1958 DETLING 1958
43 24N 124 14W		AMMONIA	BECCARII	BRADSHAW 1961
43 25N 124 08W	COOS, BAY, OREGON COOS, BAY, OREGON	AMMOBACULITES	EXIGUUS	PHLEGER 1967 PHLEGER 1967
	COOS, BAY, OREGON	AMMOTIUM ELPHIDIUM	SALSUM Subarcticum	PHLEGER 1967
	COOS, BAY, OREGON	HAPLOPHR AGMOIDES	SUBINVOLUTUM	PHLEGER 1967
	COOS, BAY, OREGON COOS, BAY, OREGON	JADAMMINA Miliammina	POLYSTOMA FUSCA	PHLEGER 1967 PHLEGER 1967
	COOS, BAY, OREGON	PROTOSCH1STA	FINDENS	PHLEGER 1967
	COOS, BAY, DREGON COOS, BAY, OREGON	TROCHAMMINA TROCHAMMINA	INFLATA MACRESCENS	PHLEGER 1967 PHLEGER 1967
43 47N 160 36W	NORTH PACIFIC	ADERCOTRYMA	GLOMERATA	SMITH 1973
		AMMOBACULITES CIBICIDES		SMITH 1973 SMITH 1973
		CRIBROSTOMOIDES		SMITH 1973
		DOROTHIA		SMITH 1973 SMITH 1973
	NORTH PACIFIC NORTH PACIFIC	O O R O T H I A E P I S T O M I N E L L A	S C A B R A E X I G U A	SMITH 1973
	NORTH PACIFIC	GLOMOSPIRA	GORDIALIS	SMITH 1973 SMITH 1973 SMITH 1973
	NORTH PACIFIC NORTH PACIFIC	MILIOLINELLA OPHTHALMIDIUM	SUBROTUNDA ACUTI MARGO	SMITH 1973
	NORTH PACIFIC	PLACOPSILINA	BRADYI	SMITH 1973
	NORTH PACIFIC NORTH PACIFIC	PULLENIA S ACCAMMINA	QUINQUELOBA ATLANTICA	SMITH 1973 SMITH 1973
	NORTH PACIFIC	SPIROPLECTAMMINA	BIFORMIS	SMITH 1973
		TROCHAMMINA TROCHAMMINA	GLOBIGERINIFORMIS GRISEA	SMITH 1973 SMITH 1973
		TROCHAMMINA	NITIDA	SMITH 1973
43 58N 124 36W		CRITHIONINA	PISUM	CUSHMAN 1910
		CYCLAMMINA EPONIDES	PUSILLA UMBONATUS	CUSHMAN 1910 CUSHMAN 1915
	OFF OREGON	GLOMOSPIRA	CHAROIDES	CUSHMAN 1910
	OFF OREGON OFF OREGON	GLOMOSPIRA GYROIDINA	GORDIALIS ORBICULARIS	CUSHMAN 1910 CUSHMAN 1915
	OFF OREGON	GYROIDINA	SOLDANII	CUSHMAN 1915
	OFF OREGON OFF OREGON	HAPLOPHRAGMOIDES PYRGO	CANARIENSIS Lucernula	CUSHMAN 1910 CUSHMAN 1917
	OFF OREGON	SIGMOILOPSIS	SCHLUMBERGERI	CUSHMAN 1917
44 OZN 124 O8W	OREGON COAST	BUCCELLA	TENERRIMA	COOPER 1961
	OREGON COAST OREGON COAST	BUL IMINELLA EGGERELLA	EL EGANTISSIMA AO VENA	COOPER 1961 COOPER 1961
	OREGON COAST	ELPHIDIELLA	HANNA I	COOPER 1961
	OREGON COAST OREGON COAST	ELPHIDIUM Fissurina	MICROGRANULOSUM MARGINATA	COOPER 1961 COOPER 1961
		HAPLOPHRAGMOIDES	COLUMBIENSIS	COOPER 1961
		QUINQUELOCULINA ROSALINA	AK NER I AN A MONICANA	COOPER 1961 COOPER 1961
	OREGON COAST	TROCHAMMINA	KELLETTAE	COOPER 1961
44 47N 124 05W		ANGUL ODIS CORÐIS BUCCELLA	CHARLOTTENSIS TENERRIMA	LANKFORD PHLEGER 1973 LANKFORD PHLEGER 1973
	DEPOE BAY, OREGON	BULIMINELLA	ELEGANTISSIMA	LANKFORD PHLEGER 1973
	DEPOE BAY, OREGON DEPOE BAY, OREGON	EGGERELLA ELPHIDIELLA	ADVENA HANNAI	LANKFORD PHLEGER 1973 LANKFORD PHLEGER 1973
	DEPOE BAY, OREGON	ELPHIDIUM	LENE	LANKFORD PHLEGER 1973
	DEPOE BAY, OREGON	ELPHIDIUM Glabratella	TUMIDUM	LANKFORD PHLEGER 1973
	DEPOE BAY, OREGON DEPOE BAY, OREGON	HAPLOPHRAGMOI DES	ORNATISSIMA COLUMBIENSIS	LANKFORD PHLEGER 1973 LANKFORD PHLEGER 1973
	DEPOE BAY, OREGON	ROSALINA	COLUMBIENSIS	LANKFORD PHLEGER 1973
	DEPOE BAY, OREGON DEPOE BAY, OREGON	S A C E A M M I N A T R O C H A M M I N A	ATLANTICA CHARLOTTENSIS	LANKFORD PHLEGER 1973 LANKFORD PHLEGER 1973
	DEPOE BAY, OREGON	TROCHAMMINA	KELLETTAE	LANKFORD PHLEGER 1973
44 49N 124 D4W	DEPOE BAY, OREGON OREGON COAST	TROCHAMMINA BOLIVINA	PACIFICA PSEUDOPLICATA	LANKFORD PHLEGER 1973 COOPER 1961
44 4711 124 044	OREGON COAST	BUCCELLA	TENERRIMA	COOPER 1961
	OREGON COAST	ELPHIDIELLA	HANNA I	COOPER 1961
	OREGON COAST OREGON COAST	ELPHIDIUM EPONIDES	MICROGRANULOSUM COLUM 81ENSIS	COOPER 1961 COOPER 1961
	OREGON COAST	GLABRATELLA	OPERCULARIS	COOPER 1961
	OREGON COAST OREGON COAST	MILIOLINELLA PLANORBULINA	CIRCULARIS MEDITERRANENSIS	COOPER 1961 COOPER 1961
	OREGON COAST	<b>QUINQUELOCULINA</b>	AK NER I AN A	COOPER 1961
	OREGON COAST OREGON COAST	ROSALINA TROCHAMMINA	MONICANA PACIFICA	COOPER 1961 COOPER 1961
	OREGON COAST	TROCHAMMINA	SQUAMIFORMIS	COOPER 1961
45 30N 124 52W	OREGON COAST OFF WASHINGTON	TURRISPIRILLINA CRIBROSTOMOIDES	ARCTICA SUBGLOBOSUM	COOPER 1961 Cushman 1910
-> 30H 164 36W	OFF WASHINGTON	CYCLAMMINA	CANCELLATA	CUSHMAN 1910
	OFF WASHINGTON OFF WASHINGTON	PLANULINA PLANULINA	ARIMINENSIS WUELLERSTORFI	CUSHMAN 1915
	OFF WASHINGTON	QUINQUELOCULINA	PROCERA	CUSHMAN 1915 Cushman 1917
45 36N 123 57W	OREGON COAST	BUCCELLA	TENERRIMA	COOPER 1961
	OREGON COAST OREGON COAST	CIBICIDES EGGERELLA	RE FUL GENS AD VENA	COOPER 1961 COOPER 1961
	OREGON COAST	ELPHIDIELLA	HANNAI	COOPER 1961
	OREGON COAST OREGON COAST	ELPHIDIUM GLABRATELLA	MICROGRANULOSUM ORNATISSIMA	COOPER 1961 COOPER 1961

Lat. Long.	Locality	Generic Name	Specific Name	Publication
45 36N 123 57W	OREGON COAST	ISLANDIELLA	LIMBATA	COOPER 1961
15 5/11 43/ 10/	OREGON COAST	TROCHAMMINA	KELLETTAE	COOPER 1961
45 54N 124 48W	OFF OREGON OFF OREGON	NONIONELLINA	LABRADORICA	CUSHMAN 1927
45 55N 124 48W	OFF OREGON	S A C C A M M I N A L A G E N A	ATLANTICA GRACILIS	CUSHMAN 1927 CUSHMAN 1927
46 11N 123 59W	OREGON COAST	ELPHIDIELLA	HANNA I	COOPER 1961
47 00N 124 08W	OREGON COAST	ELPHIDIUM	MI CROGRANULOSUM	COOPER 1961
47 00N 124 00W	GRAY'S HARBOUR, WASH. GRAY'S HARBOUR, WASH.	AMMORACULITES	EXIGUUS	PHLEGER 1967 PHLEGER 1967
	GRAY'S HARBOUR, WASH.	AMMOTIUM BULIMINELLA	S A L SUM E L E GA N T I S S I M A	PHLEGER 1967
	GRAY'S HARBOUR, WASH.	ELPHIDIUM	FRIGIDUM	PHLEGER 1967
	GRAY'S HARBOUR, WASH.	ELPHIDIUM	LENE	PHLEGER 1967
	GRAY'S HARBOUR, WASH. GRAY'S HARBOUR, WASH.	ELPHIDIUM Haplophragmoides	SUBARCTICUM SUBINVOLUTUM	PHLEGER 1967 PHLEGER 1967
	GRAY'S HARBOUR, WASH.	JADAMMINA	POLYSTOMA	PHLEGER 1967
	GRAY'S HARBOUR, WASH.	MILIAMMINA	FUSCA	PHLEGER 1967
	GRAY'S HARBOUR, WASH. GRAY'S HARBOUR, WASH.	PROTOSCHISTA	FINDENS	PHLEGER 1967
	GRAY'S HARBOUR, WASH.	T R O C H A M M I N A T R O C H A M M I N A	CHARLOTTENSIS INFLATA	PHLEGER 1967 PHLEGER 1967
	GRAY'S HARBOUR, WASH.	TROCHAMMINA	MACRESCENS	PHLEGER 1967
47 00N 124 10W	WASHINGTON COAST	BUCCELLA	FRIGIDA	ECHOLS 1969
	WASHINGTON COAST WASHINGTON COAST	BUCCELLA	TENERRIMA ELEGANTISSIMA	ECHOLS 1969 ECHOLS 1969
	WASHINGTON COAST	EGGERELLA	A D V EN A	ECHOLS 1969
	WASHINGTON COAST	ELPHIOIUM	MA GEL LAN I CUM	ECHOLS 1969
47 OON 124 12W	WASHINGTON COAST WASHINGTON COAST	ELPHIDIUM Nonionella	MI CROGRANULOSUM Japonica	ECHOLS 1969 ECHOLS 1969
	WASHINGTON COAST	NONIONELLA	STELLA	ECHOLS 1969
	WASHINGTON COAST	RECURVOIDES	TURBINATUS	ECHOLS 1969
47 10N 124 14W	WASHINGTON COAST WASHINGTON COAST	SPIROPLECTAMMINA	BIFORMIS	ECHOLS 1969
41 104 124 148	WASHINGTON COAST	CASSIDULINA CRIBROSTOMOIDES	MINUTA JEFFREYSII	ECHOLS 1969 ECHOLS 1969
	WASHINGTON COAST	ELPHIDIELLA	HANNA I	ECHOLS 1969
47 30N 122 29W	WASHINGTON COAST	TROCHAMMINA	CHARLOTTENSIS	ECHOLS 1969
47 30N 122 27W	OFF WASHINGTON WASHINGTON COAST	ELPHIDIUM BUCCELLA	FRIGIDUM FRIGIDA	CUSHMAN MCCULLDCH 1940 ECHOLS 1969
	WASHINGTON COAST	BUCCELLA	TENERRIMA	ECHOLS 1969
	WASHINGTON COAST	BULIMINELLA	ELEGANTISSIMA	ECHOLS 1969
	WASHINGTON COAST WASHINGTON COAST	EGGERELLA Elphidium	A D V EN A MA GEL L AN I CUM	ECHOLS 1969 ECHOLS 1969
	WASHINGTON COAST	ELPHIDIUM	MICROGRANULOSUM	ECHOLS 1969
47 30N 124 22W	WASHINGTON COAST	NONIONELLA	J A P ON I CA	ECHOLS 1969
	WASHINGTON COAST WASHINGTON COAST	NONIONELLA RECURVOIDES	STELLA Turbinatus	ECHOLS 1969 ECHOLS 1969
	WASHINGTON COAST	SPIROPLECTAMMINA	BIFORMIS	ECHOLS 1969
47 40N 122 25W	WASHINGTON COAST	CIBICIDES	LOBATULUS	CUSHMAN TODD 1947
	WASHINGTON COAST WASHINGTON CDAST	ELPHIDIELLA Elphidium	HANNAI CRISPUM	CUSHMAN TODD 1947 CUSHMAN TODD 1947
	WASHINGTON COAST	ELPHICIUM	LENE	CUSHMAN TODO 1947
	WASHINGTON COAST	EPONIDES	COLUMBIENSIS	CUSHMAN TODO 1947
	WASHINGTON COAST WASHINGTON COAST	I SLANDIELLA NODOSARIA	LIMBATA SUBSCALARIS	CUSHMAN TODO 1947 Cushman todo 1947
	WASHINGTON COAST	OOLINA	MELO	CUSHMAN TODO 1947
47 41N 124 28W	WASHINGTON CDAST	CIBICIOES	LOBATULUS	CUSHMAN TODO 1947
	WASHINGTON COAST WASHINGTON COAST	DYOCIBICIDES ELPHIDIELLA	BISERIALIS Hannai	CUSHMAN TODD 1947 Cushman todd 1947
	WASHINGTON COAST	EPONIDES	REPANDUS	CUSHMAN TODO 1947
	WASHINGTON COAST	ISLANDIELLA	CALIFORNICA	CUSHMAN TODO 1947
47 48N 122 43W	WASHINGTON COAST WASHINGTON COAST	I SLAND I ELLA Glabra Tella	LIMBATA ORNATISSIMA	CUSHMAN TODD 1947 Cushman todo 1947
71 7011 122 134	WASHINGTON COAST	LAGENA	PLIOCENICA	CUSHMAN TODO 1947
	WASHINGTON COAST	NONIONELLA	BASISPINATA	CUSHMAN TOOD 1947
	WASHINGTON COAST WASHINGTON COAST	TRIFARINA UVIGERINA	SEMITRIGONA JUNCEA	CUSHMAN TODD 1947 Cushman todd 1947
47 49N 125 28W	OFF WASHINGTON	RECURVOIDES	TURBINATUS	CUSHMAN 1910
47 55N 127 39W	LAPUSH, WASHINGTON	BUCCELLA	TENERRIMA	LANKFORD PHLEGER 1973
	LAPUSH, WASHINGTON LAPUSH, WASHINGTON	BULIMINELLA EGGERELLA	E L E G A N T I S S I M A A D V E N A	LANKFORO PHLEGER 1973 LANKFORD PHLEGER 1973
	LAPUSH, WASHINGTON	ELPHIOIELLA	HANNAI	LANKFORD PHLEGER 1973
	LAPUSH, WASHINGTON	ELPHIDIUM	LENE	LANKFORD PHLEGER 1973
	LAPUSH, WASHINGTON LAPUSH, WASHINGTON	FISSURINA ISLANDIELLA	LUCIDA TORTUOSA	LANKFORD PHLEGER 1973 LANKFORD PHLEGER 1973
	LAPUSH, WASHINGTON	QUINQUELOCULINA	BELLATULA	LANKFORD PHLEGER 1973
	LAPUSH. WASHINGTON	ROSALINA	COLUMBIENSIS	LANKFORD PHLEGER 1973
47 59N 122 15W	LAPUSH, WASHINGTON OFF WASHINGTON	TROCHAMMINA Elphidium	CHARLOTTENSIS FRIGIDUM	LANKFORD PHLEGER 1973 CUSHMAN MCCULLOCH 1940
48 07N 122 55W	WASHINGTON COAST	CIBICIDES	LOBATULUS	CUSHMAN TODD 1947
	WASHINGTON COAST	EPONIDES	REPANDUS	CUSHMAN TODO 1947
48 14N 123 30W	BRITISH COLUMBIA BRITISH COLUMBIA	A DERCOTRY MA AMMODISCUS	GLOMERATA GULLMARENSIS	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	ASTRONONION	GALLOWAYI	COCKBAIN 1963
	BRITISH COLUMBIA	BOLIVINA	PACIFICA	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	BULIMINELLA CIBICIDES	ELEGANTISSIMA FLETCHERI	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	CIBICIDES	LOBATULUS	COCKBAIN 1963
	BRITISH COLUMBIA	DENDROPHYRA	ARBORESCENS	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	EGGERELLA ELPHIOIELLA	ADVENA NITIDA	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	ELPHIDIUM	EX CAVA TUM	COCKBAIN 1963
	BRITISH COLUMBIA	ELPHIDIUM	INCERTUM	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	ELPHIDIUM Epistominella	SUBARCTICUM PACIFICA	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	GAUORYINA	ARENARIA	COCKBAIN 1963
	BRITISH COLUMBIA	GAUDRYINA	SUBGLABRATA	COCKBAIN 1963
	BRITISH COLUMBIA	GLOBOBULIMINA	AURICULATA	COCKBAIN 1963

Lat. Long.	Locality	Generic Name	Specific Name	Publication
48 14N 123 30W	BRITISH COLUMBIA	HAPLOPHRAGMOI DES	COLUMBIENSIS	COCKBAIN 1963
	BRITISH COLUMBIA	HAPLOPHRAGMOIDES	COLUMBIENSIS	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	HAPLOPHRAGMOIDES	PL ANISSIMUM	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	I SLANDIELLA I SLANDIELLA	CALIFORNICA Limbata	COCKBAIN 1963
	BRITISH COLUMBIA	LAGENA	AP I OP L EURA	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	L AGENA L AGENA	DISTOMA PLIOCENICA	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	NONTONELLA	AURICULA	COCKBAIN 1963
	BRITISH COLUMBIA	NONIONELLA	BASISPINATA	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	NONIONELLINA OOLINA	LABRADORICA MELO	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	PATELLINA	CORRUGATA	COCKBAIN 1963
	BRITISH COLUMBIA	POROEPONIDES		COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	PULLENIA RECURVOIDES		COCKBAIN 1963
	BRITISH COLUMBIA	REOPHAX	CURTUS	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA			COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	SIGMOMORPHINA	TRILOCULARIS	COCKBAIN 1963
	BRITISH COLUMBIA	3 F I KOF LEC I A MAI I WA	OI FORMIS	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA British Columbia	TRIFARINA TRIFARINA	ANGULOSA SEMITRIGONA	COCKBAIN 1963
	BRITISH COLUMBIA	TROCHAMMINA	CHARLOTTENSIS	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	TROCHAMMINA TROCHAMMINA	DISCORBIS NANA	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	TROCHAMMINA	PACIFICA	COCKBAIN 1963
	BRITISH COLUMBIA	TROCHAMMINA	SQUAMATA	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	TROCHAMMINA UVIGERINA		COCKBAIN 1963 COCKBAIN 1963
48 16N 122 47W	WASHINGTON COAST	ELPHIDIELLA		CUSHMAN TODD 1947
	WASHINGTON COAST	ISLANDIELLA		CUSHMAN TODD 1947
48 16N 124 16W 48 18N 124 43W	WASHINGTON COAST WASHINGTON COAST	EPONIDES ANGULOOIS CORBIS		CUSHMAN TODD 1947 ECHOLS 1969
	WASHINGTON COAST	CASSIDULINA	MINUTA	ECHOLS 1969
	WASHINGTON COAST WASHINGTON COAST	CIBICIDES	FLETCHERI LOBATULUS	ECHOLS 1969 ECHOLS 1969
	WASHINGTON COAST	ELPHIDIELLA	HANNAI	ECHOLS 1969
	WASHINGTON COAST	GLABRATELLA	OR NAT I SS I MA	ECHOLS 1969
	WASHINGTON COAST WASHINGTON COAST	ROSALINA ROSALINA	COLUMBIENSIS COLUMBIENSIS	ECHOLS 1969 ECHOLS 1969
48 20N 123 00W	BRITISH COLUMBIA	ADERCOTRYMA	GLOMERATA	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	AMPHICORYNA ASTRONONION		COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	BOLIVINA		COCKBAIN 1963
	BRITISH COLUMBIA			COCKBAIN 1963
	BRITISH COLUMBIA British Columbia	CASSIDULINA		COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA			COCKBAIN 1963
	BRITISH COLUMBIA	DENDROPHYRA		COCKBAIN 1963
	BRITISH COLUMBIA British Columbia	EGGERELLA ELPHIDIELLA	ADVENA NITIDA	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	ELPHIOIUM	CRISPUM	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	ELPHIDIUM ELPHIDIUM	EX CAVATUM IN CERTUM	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	ELPHIOIUM	SUBARCTICUM	COCKBAIN 1963
	BRITISH COLUMBIA		PACIFICA	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	FISSURINA GAUORYINA	LUCIOA ARENARIA	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	GAUDRYINA	SUBGLABRATA	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA		CAMPANULATA ORNATISSIMA	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA		AURICULATA	COCKBAIN 1963
	BRITISH COLUMBIA	GLOBOBUL IMINA	PACIFICA	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES		COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	HAPLOPHRAGMO1 DES		COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	HAPLOPHRAGMOIDES ISLANDIELLA	PLANISSIMUM Californica	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	ISLANDIELLA	LIMBATA	COCKBAIN 1963
	BRITISH COLUMBIA	ISLANOIELLA	TORTUOSA	COCKBAIN 1963
	BRITISH COLUMBIA British Columbia	L AGENA L AGENA	APIOPLEURA DENTALIFORMIS	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	LAGENA	OISTOMA	COCKBAIN 1963
	BRITISH COLUMBIA	LAGENA	ELONGATA	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	L AGENA L AGENA	GRACILIS PLIOCENICA	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	LAGENA	SULCATA	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	LAGENAMMINA NONIONELLA	LONGICOLLIS AURICULA	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	NONIONELLA	BASISPINATA	COCKBAIN 1963
	BRITISH COLUMBIA		STELLA	COCKBAIN 1963
	BRITISH COLUMBIA British Columbia		TURGIDA DIGITATA Labradorica	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	OOLINA	BOREALIS	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	OOLINA PATELLINA	ME LO CORRUGATA	COCKBAIN 1963
	BRITISH COLUMBIA	POLYMORPHINA	KINCAIDI	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	POROEPONIDES	CRIBROREPANDUS	COCKBAIN 1963
	BRITISH COLUMBIA British Columbia	PSEUDOPOLYMORPHINA PULLENIA	CHARLOTTENSIS SALISBURYI	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	PYRGO	WILLIAMSONI	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	RECURVOIDES REOPHAX	TURBINATUS CURTUS	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	ROSALINA	COLUMBIENSIS	COCKBAIN 1963

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48 20N 123 00W		ROSALINA	COLUMBIENSIS	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	S AC C AMMINA S I GMOMORPHINA	ATLANTICA	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	SPIROPLEC TAMMINA	TRILOCULARIS BIFORMIS	COCKBAIN 1963
	BRITISH COLUMBIA	TRIFARINA	AN GUL O SA	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	TRIFARINA TROCHAMMINA	SEMITRIGONA CHARLOTTENSIS	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	TROCHAMMINA	DISCORBIS	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	T R O C H A M M I N A T R O C H A M M I N A	NANA	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	TROCHANMINA	PACIFICA SQUAMATA	COCKBAIN 1963
	BRITISH COLUMBIA	TROCHAMMINA	SQUAMIFORMIS	COCKBAIN 1963
48 20N 124 10W	BRITISH COLUMBIA BRITISH COLUMBIA	UVIGERINA ADERCOTRYMA	JUNCEA GLOMERATA	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	AMMODISCUS	GULLMARENSIS	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	BOLIVINA BULIMINELLA	PACIFICA ELEGANTISSIMA	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	C 19 1 C 1 D E S	FLETCHERI	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	C I B I C I D E S D ENDROPHYRA	LOBATULUS APBORESCENS	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	EGGERELLA	ADVENA	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	ELPHIDIELLA Elphidium	NITIDA EXCAVATUM	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA			COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	GAUDRYINA	ARENARIA	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	GAUDRY INA GLOBOBUL I MI NA	AURICULATA	COCKBAIN 1963
	BRITISH COLUMBIA	HAPL OPHRAGMOIDES	BRADYI	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES	COLUMBIENSIS COLUMBIENSIS	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	ISLANDIELLA	LIMBATA	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	NON I ON ELLA PULLEN I A	STELLA SALISBURYI	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	RECURVOIDES	TURBINATUS	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	R E O P H A X S A C C A M M I N A	CURTUS ATLANTICA	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	SPIROPLECTAMMINA	BIFORMIS	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	TRIFARINA	AN GUL O SA Charlottens i S	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA		DISCORBIS	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	TROCHAMMINA TROCHAMMINA	NA NA PA CIFICA	COCKBAIN 1963
	BRITISH COLUMBIA	TROCHAMMINA	SDUAMATA	COCKBAIN 1963 COCKBAIN 1963
/ 0 304 43/ 30v	BRITISH COLUMBIA	UVIGERINA	JUNCEA	COCKBAIN 1963
48 20N 124 28W 48 20N 124 42W	JUAN DE FUCA STRAITS WASHINGTON COAST	ELPHIDIUM BUCCELLA	CRISPUM FRIGIDA	NICOL 1944 ECHOLS 1969
	WASHINGTON COAST	BUCCELLA	TENERRIMA	ECHOLS 1969
	WASHINGTON COAST WASHINGTON COAST	BULIMINELLA EGGERELLA	EL EGANTISSIMA ADVENA	ECHOLS 1969 ECHOLS 1969
	WASHINGTON COAST	ELPHIDIUM	MA GEL LAN 1 CUM	ECHOLS 1969
48 20N 124 44W	WASHINGTON COAST WASHINGTON COAST	ELPHIDIUM Nonionella	MICROGRANULOSUM JAPONICA	ECHOLS 1969 ECHOLS 1969
	WASHINGTON COAST	NONIONELLA	ST ELL A	ECHOLS 1969
	WASHINGTON COAST WASHINGTON COAST	RECURVOIDES SPIROPLECTAMMINA	TURBINATUS BIFORMIS	ECHOLS 1969 ECHOLS 1969
48 32N 123 00W	WASHINGTON COAST	BOLIVINA	PACIFICA	CUSHMAN TODD 1947
48 32N 123 10W	WASHINGTON COAST WASHINGTON COAST	QUINQUEL J CULINA A DERCOTRYMA	EL ONG ATA GLOMERATA	CUSHMAN TODD 1947 Cushman todd 1947
10 5011 105 104	WASHINGTON COAST	ASTRONONION	GALLOWAYI	CUSHMAN TODD 1947
	WASHINGTON COAST WASHINGTON COAST	BUCCELLA BULIMINELLA	FRIGIDA ELEGANTISSIMA	CUSHMAN TODD 1947 Cushman todd 1947
	WASHINGTON COAST	C181C1DES	LOBATULUS	CUSHMAN TODO 1947
	WASHINGTON COAST WASHINGTON COAST	C YC L O G YR A D ENDROPHYRA	PLANORBIS ARBORESCENS	CUSHMAN TODD 1947 Cushman todo 1947
	WASHINGTON COAST	DYOCIBICIDES	BISERIALIS	CUSHMAN TODD 1947
	WASHINGTON COAST WASHINGTON COAST	EGGERELLA ELPHIDIELLA	A D V EN A H A N N A I	CUSHMAN TODO 1947 Cushman todo 1947
	WASHINGTON COAST	ELPHIDIUM	ARTICULATUM	CUSHMAN TODD 1947
	WASHINGTON COAST	ELPHIDIUM MUIDIHALI	CR I SPUM FR I G I DUM	CUSHMAN TODO 1947
	WASHINGTON COAST WASHINGTON COAST	ELPHIDIUM	LENE	CUSHMAN TODO 1947 Cushman todo 1947
	WASHINGTON COAST	ELPHIDIUM	TUMIDUM Columbiensis	CUSHMAN TODD 1947
	WASHINGTON COAST WASHINGTON COAST	EPONIDES FISSURINA	COMPRESSA	CUSHMAN TODD 1947 Cushman todd 1947
	WASHINGTON COAST	GAUDRYINA	ARENARIA	CUSHMAN TODD 1947
	WASHINGTON COAST WASHINGTON COAST	GAUDRYINA GLABRATELLA	SUBGLABRATA ORNATISSIMA	CUSHMAN TODD 1947 Cushman tood 1947
	WASHINGTON COAST	GLABRATELLA	SANJUANENSIS	CUSHMAN TODD 1947
	WASHINGTON COAST WASHINGTON COAST	HAPL OPHRAGMOI DES HAPL OPHRAGMOI DES	A D VEN U M COLUMBIENSIS	CUSHMAN TOOD 1947 CUSHMAN TODD 1947
	WASHINGTON COAST	ISLANDIELLA	CALIFORNICA	CUSHMAN TODD 1947
	WASHINGTON COAST WASHINGTON COAST	I SLAND I ELLA LAGENA	LIMBATA APIOPLEURA	CUSHMAN TODD 1947 Cushman todd 1947
	WASHINGTON COAST	LAGENA	CLAVATA	CUSHMAN TODO 1947
	WASHINGTON COAST WASHINGTON COAST	L A G E N A L A G E N A	GRACILIS PERLUCIDA	CUSHMAN TODD 1947 Cushman todd 1947
	WASHINGTON COAST	LENTICULINA	D * ORBIGNYI	CUSHMAN TOOD 1947
	WASHINGTON COAST WASHINGTON COAST	LENTICULINA MASSILINA	ORBICULARIS PULCHRA	CUSHMAN TODD 1947 Cushman todd 1947
	WASHINGTON COAST	MILIAMMINA	FUSCA	CUSHMAN TODD 1947
	WASHINGTON COAST	MILIOLINELLA	CIRCULARIS	CUSHMAN TODO 1947
	WASHINGTON COAST WASHINGTON COAST	MILIOLINELLA NODOSARIA	CIRCULARIS SUBSCALARIS	CUSHMAN TODD 1947 Cushman todd 1947
	WASHINGTON COAST	NONIONELLA	AURICULA	CUSHMAN TODD 1947
	WASHINGTON COAST	NONIONELLA	BASISPINATA	CUSHMAN TODD 1947

Lat. Long.	Locality	Generic Name	Specific Name	Publication
48 32N 123 10W	WASHINGTON COAST	OOLINA	BOREALIS	CUSHMAN TODD 1947
	WASHINGTON COAST	ANIJOO	ME LO	CUSHMAN TODD 1947
	WASHINGTON COAST	POLYMORPHINA	KINCAIDI	CUSHMAN TODD 1947
	WASHINGTON COAST	PULLENIA	BOREALIS MELO SIRIATOPÜNCTATA KINCAIDI SALISBURYI CATALINENSIS VULGARIS CHARLOTTENSIS COLUMBIENSIS ATLANTICA LAGEMARIA RAMOSA GALLOMAYI TRILOCULARIS BIFORMIS HUGHESI	CUSHMAN TODD 1947
	WASHINGTON COAST	ANIJUDO JEUDNIUD	VULGARIS	CUSHMAN TODD 1947
	WASHINGTON COAST	ROBERTINOIDES	CHARLOTTENSIS	CUSHMAN TODD 1947
	WASHINGTON COAST	SACCAMMINA	ATLANTICA	CUSHMAN TODD 1947
	WASHINGTON COAST	SACCAMMINA SACCOPHIZA	LAGENARIA PAMOSA	CUSHMAN TODD 1947
	WASHINGTON COAST	SIGMOMORPHINA	GALLOWAYI	CUSHMAN TODD 1947
	WASHINGTON COAST	SIGMOMORPHINA SPIROPLECTAMMINA	TRILOCULARIS BIFORMIS	CUSHMAN TODD 1947
	WASHINGTON COAST WASHINGTON COAST	TRIFARINA	HU GHE S I	CUSHMAN TODD 1947
	WASHINGTON COAST WASHINGTON COAST	TRIFARINA TROCHAMMINA	SEMITRIGONA CHARLOTTENSIS	CUSHMAN TODD 1947
	WASHINGTON COAST	TROCHAMMINA	HUGHESI SEMITRIGONA CHARLOTTENSIS DISCORBIS PACIFICA SIMPLISSIMA JUNCEA	CUSHMAN TODD 1947
	WASHINGTON COASI WASHINGTON COAST	UVIGERINA	JUNCEA SIMPLISSIMA	CUSHMAN TODD 1947
48 33N 123 00W	WASHINGTON COAST	ADERCOTRYMA	GL OMERATA	CUSHMAN TODD 1947
	WASHINGTON COAST WASHINGTON COAST	BOLIVINA	COMPACTA	CUSHMAN TODD 1947
	WASHINGTON COAST	BOLIVINA	PACIFICA	CUSHMAN TODD 1947
	WASHINGTON COAST WASHINGTON COAST	BULIMINELLA	EL EGANTISSIMA	CUSHMAN TODD 1947
	WASHINGTON COAST WASHINGTON COAST	CIBICIDES	LO BATULUS	CUSHMAN TODD 1947
	WASHINGTON COAST	CYCLOGYRA	PL ANORBIS	CUSHMAN TODD 1947
	WASHINGTON COAST	DENDROPHYRA	AR BOR ESCENS	CUSHMAN TODD 1947
	WASHINGTON COAST	EGGERELLA	ADVENA	CUSHMAN TODD 1947
	WASHINGTON COAST	ELPHIDIELLA	HANNAI ARTICULATUM	CUSHMAN TODD 1947
	WASHINGTON COAST	ELPHIDIUM	CRISPUM	CUSHMAN TODD 1947
	WASHINGTON COAST	ELPHIDIUM	FRIGIDUM	CUSHMAN TODD 1947
	WASHINGTON COAST	ELPHIDIUM	TUMIDUM	CUSHMAN TODD 1947
	WASHINGTON COAST	EPONIDES FISSURINA	COLUMBIENSIS COMPRESSA	CUSHMAN TODD 1947
	WASHINGTON COAST	FISSURINA	LUCIDA	CUSHMAN TODD 1947
	WASHINGTON COAST WASHINGTON COAST	GAUDRY I NA GLABRATELLA	ARENARIA ORNATISSIMA	CUSHMAN TODD 1947 CUSHMAN TODD 1947
	WASHINGTON COAST WASHINGTON COAST	GLABRATELLA	CHARLOTIENSIS DISCORBIS PACIFICA SIMPLISSIMA JUNCEA GLOMERATA VIRAGOGENSIS COMPACTA PACIFICA FRIGIDA ELEGANTISSIMA LOBATULUS REFULGENS PLANORBIS ARBORESCENS BISERIALIS ADVENA HANNAI ARTICULATUM CRISPUM FRIGIDUM LENE TUMIOUM COLUMBIENSIS COMPRESSA LUCIDA ARENARIA ORNATISSIMA SANJUANENSIS AUVICUATA ADVENUM COLUMBIENSIS LIMBATA GRACILIS PERLUCIDA PLIOCENICA SPICATA PULCHRA FUSCA CIRCULARIS TERDUEMI SUBSCALARIS AURICULARIS TERDUE	CUSHMAN TODD 1947
	WASHINGTON COAST WASHINGTON COAST	GLOBOBULIMINA HAPI OPHRAGMOIDES	AURICULATA Advenum	CUSHMAN TODD 1947 CUSHMAN TODD 1947
	WASHINGTON COAST	HAPLOPHRAGMOIDES	COLUMBIENSIS	CUSHMAN TOOD 1947
	WASHINGTON COAST	LAGENA	LIMBATA GRACILIS	CUSHMAN TODD 1947 CUSHMAN TODD 1947
	WASHINGTON COAST WASHINGTON COAST	LAGENA	PERLUCIDA	CUSHMAN TODD 1947
	WASHINGTON COAST WASHINGTON COAST	LAGENA	SPICATA	CUSHMAN TODD 1947
	WASHINGTON COAST	MASSILINA	PULCHRA	CUSHMAN TODD 1947
	WASHINGTON COAST WASHINGTON COAST	MILIAMMINA	CIRCULARIS	CUSHMAN TODO 1947
	WASHINGTON COAST WASHINGTON COAST	MILIOLINELLA	CIRCULARIS	CUSHMAN TODD 1947
	WASHINGTON COAST	NODOSARIA	SUBSCALARIS	CUSHMAN TODO 1947
	WASHINGTON COAST WASHINGTON COAST	NONIONELLA	AURICULA	CUSHMAN TODD 1947
	WASHINGTON COAST	NONIONELLA	STELLA	CUSHMAN TODO 1947
	WASHINGTON COAST WASHINGTON COAST	OOLINA	BDREALIS	CUSHMAN TODD 1947
	WASHINGTON COAST	PARRINA	BRADYI	CUSHMAN TODD 1947
	WASHINGTON COAST WASHINGTON COAST	PATELLINA	CORRUGATA	CUSHMAN TODD 1947
	WASHINGTON COAST	P SEUDOPOL YMORPHINA	CHARLOTTENSIS	CUSHMAN TODD 1947
	WASHINGTON COAST WASHINGTON COAST	PULLENIA DIIINDIIFI OCIII INA	SALISBURYI FLONGATA	CUSHMAN TODD 1947
	WASHINGTON COAST	QUINDUELOCULINA	VULGARIS	CUSHMAN TOOD 1947
	WASHINGTON COAST WASHINGTON COAST	RECTOBOLIVINA ROBERTINOIDES	INSTABILE CHARLOTTENSIS	CUSHMAN TODD 1947
	WASHINGTON COAST	ROSALINA	COLUMBIENSIS	CUSHMAN TOOD 1947
	WASHINGTON COAST WASHINGTON COAST	S A C C A M M I N A S I G M O M O R P H I N A	ATLANTICA GALLOWAYI	CUSHMAN TODO 1947 CUSHMAN TODO 1947
	MA SHINGION LOASI	SIGMOMORPHINA	INTLOCOLARIS	CUSHMAN TODD 1947
	WASHINGTON COAST WASHINGTON COAST	SPIROPLECTAMMINA TRIFARINA	BIFORMIS SEMITRIGONA	CUSHMAN TODD 1947 CUSHMAN TODD 1947
	WASHINGTON COAST	TRILOCULINA	TR I GO NUL A	CUSHMAN TODD 1947
	WASHINGTON COAST WASHINGTON COAST	TROCHAMMINA TROCHAMMINA	CHARLOTTENSIS DISCORBIS	CUSHMAN TODD 1947 CUSHMAN TODD 1947
	WASHINGTON COAST	TROCHAMMINA	ROTALIFORMIS	CUSHMAN TODD 1947
48 33N 123 01W 48 3SN 122 28W	SAN JUAN IS., WASH. SAMISH BAY, WASH.	PATELLINA AMMOBACULITES	CORRUGATA EXIGUUS	PALMER 1929 Jones Ross 1979
· ·	SAMISH BAY, WASH.	AMMON I A	BECCARII	JONES ROSS 1979
	SAMISH BAY, WASH. SAMISH BAY, WASH.	AMMOTIUM Buccella	SALSUM FRIGIDA	JONES ROSS 1979 JONES ROSS 1979
	SAMISH BAY, WASH.	ELPHIDIUM Elphidium	EX CAVA TUM	JONES ROSS 1979
	SAMISH BAY, WASH. SAMISH BAY, WASH.	MILIAMMINA	EX CAV A TUM FU SCA	JONES ROSS 1979 JONES ROSS 1979
/ 0 75M 433 64	SAMISH BAY, WASH. BRITISH COLUMBIA	TROCHAMMINA ADERCOTRYMA	PACIFICA GLOMERATA	JONES ROSS 1979
48 35N 122 51W	BRITISH COLUMBIA	DENDROPHYRA	ARBORESCENS	COCKBAIN 1963
	BRITISH COLUMBIA	EGGERELLA	AD VEN A	COCKBAIN 1963

Lat. Long.	Locality	Generic Name	Specific Name	Publication
48 35N 122 51W	BRITISH COLUMBIA	HAPLOPHRAGMOI DES	PL ANI S S I MUM	COCKBAIN 1963
	BRITISH COLUMBIA	RECURVOIDES	TURBINATUS	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	R E O P H A X S A C C A M M I N A	CURTUS ATLANTICA	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	SPIROPLECTAMM INA	BIFORMIS	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	TROCHAMMINA TROCHAMMINA	CHARLOTTENSIS DISCORBIS	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	TROCHAMMINA	NA NA	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	TROCHAMMINA TROCHAMMINA	PACIFICA SQUAMATA	COCKBAIN 1963 COCKBAIN 1963
48 36N 122 29W	SAMISH-PADILLA BAYS	AMMOBA CUL ITES	EXIGUUS	SCOTT 1974
	SAMISH-PADILLA BAYS SAMISH-PADILLA BAYS	AMMONIA MUITOMMA	BECCARII Salsum	SCOTT 1974 SCOTT 1974
	SAMISH-PADILLA BAYS	BUCCELLA	FRIGIDA	SCOTT 1974
	SAMISH-PADILLA BAYS SAMISH-PADILLA BAYS	EGGERELLA	AD VEN A	SCOTT 1974 SCOTT 1974
	SAMISH-PADILLA BAYS	ELPHIDIELLA Elphidium	HANNAI EXCAVATUM	SCOTT 1974
	SAMISH-PAOILLA BAYS Samish-paoilla bays	CLARRATELLA		SCOTT 1974 SCOTT 1974
	SAMISH-PADILLA BAYS	GLABRATELLA MILIAMMINA	OPERCULARIS FUSCA	SCOTT 1974
	SAMISH-PADILLA BAYS	SPIRILLINA	VIVIPARA	SCOTT 1974
	SAMISH-PADILLA BAYS SAMISH-PADILLA BAYS	T R O C H A M M I N A T R O C H A M M I N A	INFLATA PACIFICA	SCOTT 1974 SCOTT 1974
48 40N 123 31W 48 43N 122 55W	DISCOVERY PASSAGE, B.C.	CIBICIDES	LOBATULUS	WHITEAVES 1886
WCC 331 NCP 0P	WASHINGTON COAST WASHINGTON COAST	BUCCELLA CIBICIDES	FRIGIDA LOBATULUS	CUSHMAN TODD 1947 CUSHMAN TODD 1947
	WASHINGTON COAST	EGGERELLA	ADVENA	CUSHMAN TODO 1947
	WASHINGTON COAST WASHINGTON COAST	ELPHIDIELLA Elphidium	HANNAI LENE	CUSHMAN TOOD 1947 CUSHMAN TOOD 1947
	WASHINGTON COAST	ELPHIDIUM	TUMIDUM	CUSHMAN TODD 1947
	WASHINGTON COAST WASHINGTON COAST	GLABRATELLA MILIAMMINA	SANJUANENSIS FUSCA	CUSHMAN TODD 1947 CUSHMAN TODD 1947
	WASHINGTON COAST	MILIOLINELLA	CIRCULARIS	CUSHMAN TODD 1947
48 45N 123 00W	WASHINGTON COAST BRITISH COLUMBIA	ROSALINA ADERCOTRYMA	COLUMBIENSIS GLOMERATA	CUSHMAN TODD 1947 COCKBAIN 1963
	BRITISH COLUMBIA	AMMOD I SCUS	GULLMARENSIS	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	ASTRONONION BOLIVINA	GALLOWAYI COMPACIA	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	BOLIVINA	PACIFICA	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	BULIMINELLA CASSIDULINA	EL EGANTISSIMA DE PRESSA	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	CIBICIDES	FLETCHERI	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	C I B I C I D E S D E N D R O P H Y R A	LOBATULUS ARBORESCENS	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	EGGERELLA	ADVENA	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	ELPHIDIELLA Elphidium	NITIDA EXCAVATUM	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	ELPHIDIUM	INCERTUM	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	ELPHIDIUM EPISTOMINELLA	SUBARCTICUM PACIFICA	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	FISSURINA	LUCIDA	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	G AU D R Y I N A G AU D R Y I N A	ARENARIA Subglabrata	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	GLABRATELLA Globobulimina	ORNATISSIMA PACIFICA	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	HAPLOPHRAGMOI DES	COLUMBIENSIS	COCKBAIN 1963
	BRITISH COLUMBIA	HAPLOPHRAGMOIDES ISLANDIELLA	PLANISSIMUM CALIFORNICA	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	ISLANDIELLA	LIMBATA	COCKBAIN 1963
	BRITISH COLUMBIA	LAGENA	APIOPLEURA	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	L A G E N A L A G E N A	DISTOMA GRACILIS	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	L A G E N A L A G E N A	PLIOCENICA Sulcata	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	LAGENAMMINA	LONGICOLLIS	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	NONIONELLA NONIONELLA	BASISPINATA STELLA	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	NONIONELLA	TURGIDA DIGITATA	COCKBAIN 1963
	BRITISH COLUMBIA	OOLINA OOLINA	BOREALIS MELO	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	POLYMORPHINA	KINCAIDI	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	PSEUDOPOLYMORPHINA PULLENIA	CHARLOTTENSIS SALISBURYI	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA British Columbia	PYRGO	WILLIAMSONI	COCKBAIN 1963
	BRITISH COLUMBIA	RECURVOIDES ROSALINA	TURÐINATUS COLUMBIENSIS	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	ROSALINA	COLUMBIENSIS	COCKBAIN 1963
	BRITISH COLUMBIA	S A C C A M M I N A S I G M O M O R P H I N A	ATLANTICA TRILOCULARIS	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	SPIROPLECTAMMINA	BIFORMIS	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	TRIFARINA TRIFARINA	ANGULOSA SEMITRIGONA	COCKBAIN 1963 Cockbain 1963
	BRITISH COLUMBIA	TROCHAMMINA	CHARLOTTENSIS	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	TROCHAMMINA Trochammina	DISCORBIS NA NA	COCKBAIN 1963 Cockbain 1963
	BRITISH COLUMBIA	IROCHAMMINA	PACIFICA	COCKBAIN 1963
	BRITISH COLUMBIA	TROCHAMMINA TROCHAMMINA	S Q UAMA TA S Q UAM I FORM I S	COCKBAIN 1963 Cockbain 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	UVIGERINA	JUNCEA	COCKBAIN 1963
48 45N 123 33W	DISCOVERY PASSAGE, B.C. DISCOVERY PASSAGE, B.C.	AMMONIA BUCCELLA	BECCARII Frigida	WHITEAVES 1886 WHITEAVES 1886
	DISCOVERY PASSAGE, B.C.	C101C1DES	LOBATULUS	WHITEAVES 1886
	DISCOVERY PASSAGE, B.C. DISCOVERY PASSAGE, B.C.	GLABRATELLA HAPLOPHRAGMOIDES	PARISIENSIS CANARIENSIS	WHITEAVES 1886 WHITEAVES 1886
	DISCOVERY PASSAGE, B.C.	LAGENA	SULCATA	WHITEAVES 1886

Lat. Long.	Locality	Generic Name	Specific Name	Publication
48 45N 123 33W	DISCOVERY PASSAGE, B.C.	L ARYNGOS I GM A	LACTEA	WHITEAVES 1886
48 61N 161 07W	DISCOVERY PASSAGE, B.C. OFF ALASKA PENINSULA	QUINQUELOCULINA ADERCOTRYMA	SEMINULA	WHITEAVES 1886 SMITH 1973
40 014 101 014	OFF ALASKA PENINSULA	AMMOBACULITES	GLOMERATA AMERICANUS	SMITH 1973
	OFF ALASKA PENINSULA	AMMOBACUL ITES	FILIFORMIS	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	AMMOMARGINULINA CRIBROSTOMO ID ES	FOLIACEA NITIDUM	SMITH 1973
	OFF ALASKA PENINSULA	CRIBROSTOMOIDES	SUBGLOBOSUM	SMITH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	CRIBROSTOMO IDES CYCLAMMINA	WIESNERI TRULLISSATA	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA	CYELOGYARA	INCERTA	SMITH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	CYSTAMMINA DOROTHIA	GALEATA SCABRA	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA	EGGERELLA	BRADYI	SMITH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	GLOMOSPIRA HAPLOPHRAGMOIDES	GORDIALIS SCITULUM	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA	HYPERAMMINA	CYLINDRICA	SMITH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	J A C U L E L L A R E O P H A X	ACUTA DENTALINIFORMIS	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA	REOPHAX	DISTANS	SMITH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	REOPHAX SACCAMMINA	SCORPIURUS Atlantica	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA	SACCAMMINA	SPHAERICA	SMITH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	SPIROPLECTAMMINA TROCHAMMINA	BIFORMIS GLOBIGERINIFORMIS	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA	TROCHAMMINA	GR I SE A	SMITH 1973
	OFF ALASKA PENINSULA	TROCHAMMINA	INFLATA	SMITH 1973
49 00N 123 15W	OFF ALASKA PENINSULA BRITISH COLUMBIA	TROCHAMMINA ADERCOTRYMA	NITIOA GLOMERATA	SMITH 1973 COCKBAIN 1963
	BRITISH COLUMBIA	AMMODISCUS	GULLMARENSIS	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	BOLIVINA BOLIVINA	COMPACTA PACIFICA	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	CIBICIOES	FLETCHERI	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	C I B I C I DE S D E N D R O P H Y R A	LOBATULUS ARBORESCENS	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	EGGERELLA	A D V EN A	COCKBAIN 1963
	BRITISH COLUMBIA British Columbia	ELPHIDIELLA Elphidium	NITIDA EXCAVATUM	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	ELPHIDIUM	INCERTUM	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	G L O B O B U L I M I N A H A P L O P H R A G M O I D E S	AURICULATA COLUMBIENSIS	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	HAPLOPHRAGMOI DES	PL ANI SSIMUM	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	I S L A N D I E L L A L A G E N A	LIMBATA DISTOMA	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	NONIONELLA	STELLA	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	NONIONELLINA OOLINA	LA BRADORICA MELO	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	POROEPONIDES	CRIBROREPANDUS	COCKBAIN 1963
	BRITISH COLUMBIA British Columbia	PULLENIA RECURVOIDES	SALISBURYI Turbinatus	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	SACCAMMINA	ATLANTICA	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	SPIROPLECTAMMINA TRIFARINA	BIFORMIS ANGULOSA	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	TRIFARINA	SEMITRIGONA	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	TROCHAMMINA TROCHAMMINA	CHARLOTTENSIS DISCORBIS	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	TROCHAMMINA	NANA	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	TROCHAMMINA TROCHAMMINA	PACIFICA SQUAMATA	COCKBAIN 1963 COCKBAIN 1963
40.050.437.040	BRITISH COLUMBIA	UVIGERINA	JUNCEA	(COCKBAIN 1963
49 05N 123 06W	FRASER R., B.C. FRASER R., B.C.	AMMOTIUM HAPLOPHRAGMOIDES	SALSUM SUBINVOLUTUM	PHLEGER 1967 PHLEGER 1967
	FRASER R., B.C. FRASER R., B.C.	JADAMMINA Miliammina	POLYSTOMA FUSCA	PHLEGER 1967
	FRASER R., B.C.	PROTOSCHISTA	FINDENS	PHLEGER 1967 PHLEGER 1967
	FRASER R. B.C.	TROCHAMMINA TROCHAMMINA	INFLATA MACRESCENS	PHLEGER 1967
49 15N 123 25W	FRASER R., B.C. OFF BRIT. COLUMBIA	ELPHIDIELLA	HANNA I	PHLEGER 1967 CUSHMAN MCCULLOCH 1940
	OFF BRIT. COLUMBIA OFF BRIT. COLUMBIA	ELPHIDIUM ELPHIDIUM	FRIGIOUM Lene	CUSHMAN MCCULLOCH 1940
	OFF BRIT. COLUMBIA	ELPHIDIUM	TUMIDUM	CUSHMAN MCCULLOCH 1940 CUSHMAN MCCULLOCH 1940
49 15N 123 30W	OFF BRIT. COLUMBIA BRITISH COLUMBIA	HAPLOPHRAGMOIDES ADERCOTRYMA	COLUMBIENSIS GLOMERATA	CUSHMAN MCCULLOCH 1939
47 13N 123 30W	BRITISH COLUMBIA	AMMOD I SCUS	GULLMARENSIS	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	CIBICIDES	LOBATULUS	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	EGGERELLA Elphidium	A D V EN A EX CAV A TUM	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	HAPL OPHRAGMOIDES	BRADYI	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES	COLUMBIENSIS COLUMBIENSIS	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	HAPLOPHRAGMOIDES ISLANOIELLA	PL ANISSIMUM Limbata	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	ISLANDIELLA	NORCROSSI	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	LAGENAMMINA	LONGICOLLIS	COCKBAIN 1963
	BRITISH COLUMBIA British Columbia	NONIONELLA NONIONELLINA	AURICULA LABRADORICA	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	PSEUDOPOL YMORPHINA RECURVOIDES	CHARL OTT ENSIS	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	REOPHAX	TURBINATUS Curtus	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	REOPHAX	PILULIFER	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	S AC C AMM IN A S P I R O P L E C T A MM I N A	ATLANTICA BIFORMIS	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	T R O C H A M M I N A T R O C H A M M I N A	CHARLOTTENS!S D1SCORBIS	COCKBAIN 1963
	BRITISH COLUMBIA	TROCHAMMINA	NA NA	COCKBAIN 1963 COCKBAIN 1963

Lat. Long.	Locality	Generic Name	PACIFICA SAUAMATA JUNCEA LOBATULUS CANALICULATA CANARIENSIS LOBATULUS PAUPERATA SEMINULA SAUAMATA GLOMERATA AOVENA BRADYI COLUMBIENSIS COLUMBIENSIS PLANISSINUM TURBINATUS CURTUS ATLANTICA BIFORMIS CHARLOTTENSIS DISCORBIS PACIFICA SAUAMATA STRIATOPUNCTATA LOBATULUS PAUPERATA CANALICULATA IOTA LIGUA ABYSSORUM GLOMERATA AGGLUTINANS FILLIFORMIS TENUIS BRADYI MUNDULUS NITIDUM SUBGLOBOSUM CANCELLATA TRULLISSATA EXILIS BRADYI HUNDULUS NITIDUM SUBGLOBOSUM CANCELLATA TRULLISSATA EXILIS BRADYI HUNDULUS NITIDUM SUBGLOBOSUM CANCELLATA TRULLISSATA EXILIS BRADYI HUNDULUS NITIDUM SUBGLOBOSUM CANCELLATA TRULLISSATA EXILIS BRADYI HYSTRIX EXIGUA UMBONIFERA ANCELLATA TRULLISSATA EXILIS BRADYI HYSTRIX EXIGUA UMBONIFERA ANCELCA ANCELLATA TRULLISSATA EXILIS BRADYI HYSTRIX EXIGUA UMBONIFERA ANCELCA ANCELCA BRADYI EXCENTRICUS ATLANTICA BIFORMIS GLOBULIFFRA CYLINDRICA FRIABILIS ACUTA BRACETICUS ATLANTICA BIFORMIS GLOBULIFERA CYLINDRICA FRIABILIS ACUTA BRACETICUS ATLANTICA BIFORMIS GLOBULIFERA CYLINDRICA FRIABILIS ANANA ANTINA ANT	Publication
49 15N 123 30W	BRITISH COLUMBIA	TROCHAMMINA	PACIFICA	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	TROCHAMMINA	SQUAMATA	COCKBAIN 1963
49 20N 124 28W	STRAIT OF GEORGIA, B.C.	CIBICIDES	LOBATULUS	WHITEAVES 1886
	STRAIT OF GEORGIA, B.C. STRAIT OF GEORGIA, B.C.	FRONDICULARIA HAPLOPHRAGMOLDES	CANALICULATA	WHITEAVES 1886
49 28N 124 30W	STRAIT OF GEORGIA, B.C.	CIBICIDES	LOBATULUS	WHITEAVES 1886
49 30N 124 22W	STRAIT OF GEORGIA, B.C.	CIBICIDES	LOBATULUS	WHITEAVES 1886
	STRAIT OF GEORGIA, B.C.	QUINQUELOCULINA	SEMINULA	WHITEAVES 1886
49 40N 124 45W	STRAIT OF GEORGIA, B.C.	TROCHAMMINA	S Q UAMATA	WHITEAVES 1886
77 1011 12 1 4 7 1	BRITISH COLUMBIA	EGGERELLA	ADVENA	COCKBAIN 1963
	BRITISH COLUMBIA	HAPLOPHRAGMOIDES	BR ADY I	COCKBAIN 1963
	BRITISH COLUMBIA	HAPLOPHRAGMOI DES	COLUMBIENSIS	COCKBAIN 1963
	BRITISH COLUMBIA	HAPLOPHRAGMOIDES	PL ANISSIMUM	COCKBAIN 1963
	BRITISH COLUMBIA	REOPHAX	CURTUS	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	SACCAMMINA SPIROPLECTAMMINA	ATLANTICA BIFORMIS	COCKBAIN 1963
	BRITISH COLUMBIA	TROCHAMMINA	CHARLOTTENSIS	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	TROCHAMMINA TROCHAMMINA	DISCORBIS PACIFICA	COCKBAIN 1963 COCKBAIN 1963
/0 /0H 12/ 5/H	BRITISH COLUMBIA	TROCHAMMINA	SQUAMATA	COCKBAIN 1963
49 50N 124 42W	STRAIT OF GEORGIA, B.C.	CIBICIDES	LOBATULUS	WHITEAVES 1886
	STRAIT OF GEORGIA, B.C.	DENTALINA	PAUPERATA	WHITEAVES 1886
	STRAIT OF GEORGIA, B.C.	LENTICULINA	IO TA	WHITEAVES 1886
	STRAIT OF GEORGIA, B.C.	P S E U D O P O L YM OR PHINA	LI GUA	WHITEAVES 1886
49 SON 160 S7W	OFF ALASKA PENINSULA	ADERCOTRYMA	GL OMERATA	SMITH 1973
	OFF ALASKA PENINSULA	AMMOBA CUL ITES	AG GLUT INANS	SMITH 1973
	OFF ALASKA PENINSULA	AMMODACOCITES	TENUIS	SMITH 1973
	OFF ALASKA PENINSULA	CIBICIDES	BRADYI	SMITH 1973
	OFF ALASKA PENINSULA	CRIBROSTOMOIDES	NI TIDUM	SMITH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	CRIBROSTOMOIDES	SUBGLOBOSUM CANCELLATA	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA	CYCLAMMINA	TRULLISSATA	SMITH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	DOROTHIA EGGERELLA	EXILIS BRADYI	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA	EHRENBERGINA	HYSTRIX	SMITH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	EPISTOMINELLA	UMBONIFERA	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA	GLOBOTEXTULARIA	ANCEPS	SMITH 1973
	OFF ALASKA PENINSULA	GYROIDINA	LAMARCKIANA	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA	HAPLOPHRAGMOIDES	RINGENS	SMITH 1973
	OFF ALASKA PENINSULA	HORMOSINA	GLOBULIFERA	SMITH 1973
	OFF ALASKA PENINSULA	HYPERAMMINA	CYLINDRICA	SMITH 1973
	OFF ALASKA PENINSULA	JACULELLA	ACUTA	SM1TH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	MELONIS MILIOLINELLA	BARLEEANUS SUBROTUNDA	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA	PLACOP SIL INA	BRADYI	SM1TH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	R E O P H A X S A C C A M M I N A	EXCENTRICUS ATLANTICA	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA	SPIROPLECTAMMINA	BIFORMIS	SMITH 1973
	OFF ALASKA PENINSULA	TROCHAMMINA	NANA	SMITH 1973
50 00N 137 58H	OFF ALASKA PENINSULA	TROCHAMMINA	NITIDA	SMITH 1973
20 0011 124 30W	STRAIT OF GEORGIA, B.C.	RHABDAMMINA	ABYSSORUM	WHITEAVES 1886
50 00N 125 07W	BRITISH COLUMBIA	BOLIVINA BOLIVINA	COMPACTA PACTETCA	COCKBAIN 1963
	BRITISH COLUMBIA	CIBICIDES	FLETCHERI	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	CIBICIDES ELPHIDIELLA	LOBATULUS NITIDA	COCKBAIN 1963 COCKBAIN 1963
	BRITISH COLUMBIA	ELPHIDIUM	SUBARCTICUM	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES	PL ANISSIMUM	COCKBAIN 1963
	BRITISH COLUMBIA	1 SLAND IELLA	LIMBATA	COCKBAIN 1963
	BRITISH COLUMBIA BRITISH COLUMBIA	OOLINA PULLENIA	ME LO SA LISBURY I	
50 10N 125 01W	BRITISH COLUMBIA STRAIT OF GEORGIA, B.L.	TROCHAMMINA CIBICIDES	PACIFICA Lobatulus	COCKBAIN 1963 Whiteaves 1886
50 30N 125 01W	PHILLIPS ARM, B.C.	MILIAMMINA	FUSCA	PHLEGER 1967
50 30N 126 05W	PHILLIPS ARM, B.C. JOHNSTONE STRAIT, B.C.	TROCHAMMINA BUCCELLA	INFLATA FRIGIDA	PHLEGER 1967 WHITEAVES 1886
20 20M 150 03W	JOHNSTONE STRAIT, B.C.	BULIMINA	PYRULA	WHITEAVES 1886
	JOHNSTONE STRAIT, B.C. JOHNSTONE STRAIT, B.C.	CIBICIDES ELPHIDIUM	LOBATULUS STRIA TOPUNCTATA	WHITEAVES 1886 WHITEAVES 1886
	JOHNSTONE STRAIT . B.C.	FLORILUS	S C APHUM	WHITEAVES 1886
50 31N 126 55W 50 33N 126 40W	JOHNSTONE STRAIT, B.C. QUEEN CHARLOTTE SD., B.C.	C181C10ES C181C10ES	LOBATULUS Lobatulus	WHITEAVES 1886 WHITEAVES 1886
50 34N 126 59W	QUEEN CHARLOTTE SD., B.C.	C 18   C   DE S	LOBATULUS	WHITEAVES 1886
5D 35N 126 57W	QUEEN CHARLOTTE SO., B.C. QUEEN CHARLOTTE SD., B.C.	AMMONIA C181CIDES	BECCARII Lobatulus	WHITEAVES 1886 WHITEAVES 1886
	QUEEN CHARLOTTE SO., B.C.	ELPHIDIUM	CRISPUM	WHITEAVES 1886
50 35N 128 DOW	QUEEN CHARLOTTE SO., B.C. QUATSINO SOUND, B.C.	GLABRATELLA CIBICIOES	PARISIENSIS Lobatulus	WHITEAVES 1886 WHITEAVES 1886

Lat. Long.	Locality	Generic Name	CRISPUM SQUAMATA BECCARII LOBATULUS CANARIENSIS LIGUA ABYSSORUM LOBATULUS LOBATULUS LOBATULUS LOBATULUS LOBATULUS LOBATULUS COBATULUS LIGUA PARISIENSIS CANARIENSIS LIGUA FERUS SACHII SEMINULA ABYSSORUM LOBATULUS CANARIENSIS LIGUA FERUS SACHII SEMINULA ABYSSORUM LOBATULUS CANARIENSIS CANARIENSIS CANARIENSIS CANARIENSIS CANARIENSIS CANARIENSIS CANCELLATA CHARLOTTENSIS PULCHELLA INVOLVENS COLUMBIENSIS REPAMDUS ORBIGNYANA ADVENUM COLUMBIENSIS CALIFORNICA TORTUOSA ADVENUM COLUMBIENSIS CHARLOTTENSIS CHARLOTTENSIS CHARLOTTENSIS CHARLOTTENSIS COLUMBIENSIS FINIGERA REDUCTA CHARLOTTENSIS PALIFICA GLOMERATA FILIFORMIS FOLIACEA CRASSA BRADYI NITIDUM NITIDUM NITIDUM NITIDUM SUBGLOBOSUM WIESNERI GALEATA BRADYI NITIDUM SUBGLOBOSUM WIESNERI GALEATA BRADYI RITIOUM SUBGLOBOSUM WIESNERI GALEATA RITIOUM SUBGLOBOSUM RITIOUM RITI	Publication
50 35N 128 00W	QUATSINO SOUND, B.B. QUATSINO SOUND, B.C. QUEEN CHARLOTTE SD., B.C.	ELPHIDIUM	CRISPUM	WHITEAVES 1886
50 37N 128 01u	QUATSINO SOUND, B.C.	TROCHAMMINA	SQUAMATA	WHITEAVES 1886
30 31 H 120 01#	QUATSINO SOUND, B.C.	CIBICIDES	LOBATULUS	WHITEAVES 1886
	QUATSINO SOUND, B.C.	HAPL OPHRAGMOIDES	CANARIENSIS	WHITEAVES 1886
	QUATSING SOUND, B.C.	PSEUDOPOL YMOR PHINA	L I GUA	WHITEAVES 1886
50 40N 126 36W	QUEEN CHARLOTTE SD., B.C.	CIBICIDES	LOBATULUS	WHITEAVES 1886
50 50N 126 52W	QUEEN CHARLOTTE SD., B.C.	CIBICIDES	LOBATULUS	WHITEAVES 1886
50 50N 126 55W	QUEEN CHARLOTTE SD., B.C.	PSFIIDOPOLYMORPHINA	LOBATULUS	WHITEAVES 1886
50 55N 128 00W	QUEEN CHARLOTTE SO B.C.	CIBICIDES	LOBATULUS	WHITEAVES 1886
	QUEEN CHARLOTTE SD., B.C.	ELPHIOIUM	CRISPUM	WHITEAVES 1886
	QUEEN CHARLOTTE SD. B.C.	GLABRATELLA	PARISTENSIS	WHITEAVES 1886
	QUEEN CHARLOTTE SD B.C.	HAPLOPHRAGMOIDES	CANARIENSIS	WHITEAVES 1886
	QUEEN CHARLOTTE SD., B.C.	QUINQUELO CULINA	LIGUA FERUS SACHII	WHITEAVES 1886
	QUEEN CHARLOTTE SD., B.C.	QUINQUELOCULINA	SEMINULA	WHITEAVES 1886
51 05N 127 36W	QUEEN CHARLOTTE SD., B.C.	RHABDAMMINA	ABYSSORUM	WHITEAVES 1886
51 23N 130 34W	OFF BRIT. COLUMBIA	CYCLAMMINA	CANCELLATA	CUSHMAN 1910
52 20N 131 00W	G. CHARLOTTE SD., B.C.	ANGULODISCORBIS	CHARLOTTENSIS	CUSHMAN 1925
	Q. CHARLOTTE SD., B.C.	CYCLOGYRA	INVOLVENS	CUSHMAN 1925
	Q. CHARLOTTE SO B.C.	EPONIDES	COLUMBIENSIS	CUSHMAN 1925
	D. CHARLOTTE SD., B.C.	EPONIDES	REPANDUS OPRIGNYANA	CUSHMAN 1925
	Q. CHARLOTTE SD. B.C.	GLABRATELLA	ORNATISSIMA	CUSHMAN 1925
	Q. CHARLOTTE SD B.C.	HAPLOPHRAGMOIDES	ADVENUM	CUSHMAN 1925
	Q. CHARLOTTE SD., B.C.	HAPLOPHRAGMOIDES	COLUMBIENSIS	CUSHMAN 1925
	D. CHARLOTTE SD., B.C.	ISLANDIELLA	TORTUOSA	CUSHMAN 1925
	Q. CHARLOTTE SD., B.C.	NONIONELLA	AURIS	CUSHMAN 1925
	Q. CHARLOTTE SD., B.C.	ROBERTINOIDES	CHARLOTTENSIS	CUSHMAN 1925
	Q. CHARLOTTE SD., B.C.	ROSALINA	COLUMBIENSIS	CUSHMAN 1925
	Q. CHARLOTTE SO., B.C.	SEJUNCTEL LA TROCHAMMINA	SPINIGERA REDUCTA	CUSHMAN 1925
	Q. CHARLOTTE SD., B.C.	TROCHAMMINA	PACIFICA	CUSHMAN 1925
52 41N 155 36W	OFF ALASKA PENINSULA	ADERCOTRYMA	GL OME RATA	SMITH 1973
	OFF ALASKA PENINSULA	AMMOBACULITES AMMOMARGINULINA	FILIFORMIS	SMITH 1973
	OFF ALASKA PENINSULA	CASSIDULINA	CRASSA	SM1TH 1973
	OFF ALASKA PENINSULA	CIBICIDES	BRADY I	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA	CRIBROSTOMOIDES	N1 T1DUM	SMITH 1973
	OFF ALASKA PENINSULA	CRIBROSTOMOIDES	SUBGLOBOSUM	SMITH 1973
	OFF ALASKA PENINSULA	CYSTAMMINA	GALEATA	SMITH 1973
	OFF ALASKA PENINSULA	EGGERELLA	BRADYI	SMITH 1973
	OFF ALASKA PENINSULA	GLOMOSPIRA HAPLOPHRAGMOIDES	GORDIALIS CANARIENSIS	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA	HAPL OPHRAGMOIDES	RINGENS	SMITH 1973
	OFF ALASKA PENINSULA	HYPERAMMINA	FRIABILIS	SMITH 1973
	OFF ALASKA PENINSULA	MILIOLINELLA	SUBROTUNDA	SMITH 1973
	OFF ALASKA PENINSULA	NODELLUM	MEMBRANACEUM	SMITH 1973
	OFF ALASKA PENINSULA	REOPHAX	EX CENTRICUS	SM1TH 1973 SM1TH 1973
	OFF ALASKA PENINSULA	REOPHAX	PILULIFER	SMITH 1973
	OFF ALASKA PENINSULA	RHABDAMMINA	LINEARIS	SMITH 1973
	OFF ALASKA PENINSULA	TROCHAMMINA	GLOHIGERINIFORMIS	SMITH 1973
	OFF ALASKA PENINSULA	TROCHAMMINA	GR I SE A	SMITH 1973
53 16N 161 33W	OFF ALASKA PENINSULA	ADERCOTRYMA AMMOBACULITES AMMOBACULITES AMMODISCUS CRIBROSTOMOIDES CRIBROSTOMOIDES JACULELLA MILIOLINELLA	GL OMERATA	SMITH 1973
	OFF ALASKA PENINSULA	AMMOBACULITES	AMERI CANUS	SMITH 1973 SMITH 1973 SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	AMMOBACULITES	FILIFORMIS	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA	CRIBROSTOMOIDES	NITIDUM	SMITH 1973
	OFF ALASKA PENINSULA	CRIBROSTOMOIDES	SUBGLOBOSUM	SMITH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	JACULELLA MILIOLINELLA	A CUTA Suero tunda	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA	PULLENIA	GUINQUELOBA	SMITH 1973
	OFF ALASKA PENINSULA	REOPHAX	DENTALINIFORMIS	SMITH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	R E O P H A X R E O P H A X	NO DULO SUS SCOTTII	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA	SACCAMMINA	ATLANTICA	SMITH 1973
53 53N 161 40W	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	TROCHAMMINA Bulimina	GLOBIGERINIFORMIS INFLATA MEXICANA	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA	CRIBROSTOMOIDES	SUBGLOBOSUM	SMITH 1973
	OFF ALASKA PENINSULA	EGGERELLA	BRADY I	SMITH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	ELPHIDIELLA Elphidium	GROENLANDICA INCERTUM	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA	F U R S E N K O I N A	PAUCILOCULATA	SMITH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	GLOBOBULIMINA GLOBOBULIMINA	AURICULATA PACIFICA	SMITH 1973
	OFF ALASKA PENINSULA	HOEGLUNDINA	ELEGANS	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA	NONIONELLA	TURGIDA	SMITH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	NO NIO NELLINA TROCHAMMINA	LABRADORICA GLOBIGERINIFORMIS	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA	TROCHAMMINA	GR I SE A	SMITH 1973
E/ DON 4/4 71	OFF ALASKA PENINSULA	UVIGERINA	PEREGRINA	SMITH 1973
54 08N 161 31W	OFF ALASKA PENINSULA	ASTACOLUS	LATUS	CUSHMAN 1913

Lat. Long.	Locality	Generic Name	Specific Name	Publication
54 10N 132 30W	VIRAGO SO B.C.	ASTRONONION	VI RAGOENS (S	CUSHMAN EDWARDS 1937
	VIRAGO SO., B.C.	BULIMINELLA	ELEGANTISSIMA	CUSHMAN 1925
	VIRAGO SO., B.C. VIRAGO SO., B.C.	CASSIDULINA	PULCHELLA	CUSHMAN 1925 CUSHMAN 1925
	VIRAGO SO B.C.	CYCLOGYRA EPONIDES EPONIDES	COLUMBIENSIS	CUSHMAN 1925
	VIRAGO SO., B.C. VIRAGO SO., B.C.	EPONIDES GLARPATELLA	REPANDUS OBNATISSIMA	CUSHMAN 1925 CUSHMAN 1925
	VIRAGO SD. B.C.	HAPLOPHRAGMOIDES	ADVENUM	CUSHMAN 1925
	VIRAGO SD., B.C. VIRAGO SD., B.C.	NONIONELLA	AURIS	CUSHMAN 1925 CUSHMAN 1925
54 51N 155 24W	OFF ALASKA PENINSULA	AMMOMARGINULINA	FOLIACEA	SMITH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	CASSIDULINA	SUBGLOBOSA	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA	CRIBROSTOMOIDES	SUBGL OBOSUM	SMITH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	CYCLAMMINA	TRULL ISSATA	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA	CASSIDULINA CYCLOGYRA EPONIDES GLABRATELLA NONIONELLA TROCHAMMINA CASSIDULINA CASSIDULINA CRIBROSTOMOIDES CRIBROSTOMOIDES CYCLAMMINA CYSTAMMINA EGGERELLA SACCAMMINA	GALEATA BRADYI	SMITH 1973
	OLL WENDEN BENTHOOFIN	SACCAMMINA	ATLANTICA	SMITH 1973 SMITH 1973 SMITH 1973 SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	SPIROPLECTAMMINA TROCHAMMINA BOLIVINA	BIFORMIS GLOBIGERINIFORMIS	SMITH 1973
54 55N 157 59W	OFF ALASKA PENINSULA	BOLIVINA	DE CUSSATA	SMITH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	C A S S I O U L I NA C 1 B I C I D E S	CRASSA Lobatulus	SMITH 1973 SMITH 1973
	OFF ALACKA DENIMENTA		DE EIN CENE	SMITH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	ELPHIDIUM ELPHIDIUM EPISTOMINELLA FLORILUS GAUDRYINA	BARTLETTI CRISPUM	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA	EPISTOMINELLA	EX 1 GUA	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	FLORILUS	SCAPHUM ATLANTICA	SMITH 1973 SMITH 1973 SMITH 1973 SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA	GAUDRY INA I SLAND IELLA I SLAND IELLA PSEUDOPOLYMORPHINA	HELENAE	SMITH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	I SLANDIELLA	TORTUOSA	SMITH 1973
	OFF ALASKA PENINSULA	RECTOBOLIVINA	AMYGDALIFORMIS	SMITH 1973 SMITH 1973 SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	TRIFARINA UVIGERINA	ANGUL O SA	SMITH 1973
55 21N 131 39W	KETCHIKAN, ALASKA	AMMOTIUM	CASSIS	CUSHMAN MCCULLOCH 1939
	KETCHIKAN, ALASKA KETCHIKAN, ALASKA	BOLIVINA	PACIFICA	CUSHMAN MCCULLOCH 1942
	KETCHIKAN, ALASKA	BULIMINELLA	EL EGANTIS SIMA	CUSHMAN MCCULLOCH 1948
	KETCHIKAN, ALASKA KETCHIKAN, ALASKA	INTERNINA AMMOTIUM BOLIVINA BOLIVINA BULIMINELLA CRIBROSTOMOIDES EGGERELLA ELPHIOIELLA	JE FFREYSII	CUSHMAN MCCULLOCH 1939
	KETCHIKAN, ALASKA	ELPHIOIELLA	HANNAI	CUSHMAN MCCULLOCH 1940
	KETCHIKAN, ALASKA KETCHIKAN, ALASKA	ELPHIDIUM	ARTICULATUM FRIGIDUM	CUSHMAN MCCULLOCH 1940
	KETCHIKAN, ALASKA	ELPHIDIUM ELPHIDIUM ELPHIDIUM	LENE	CUSHMAN MCCULLOCH 1940
	KETCHIKAN, ALASKA	HAPLOPHRAGMOIDES LAGENA	ANYGDALIFORMIS ANGULOSA JUNCEA CASSIS PACIFICA PAULA ELEGANTISSIMA JEFFREYSII AD VENA HANNAI ARTICULATUM FRIGIDUM LENE COLUMBIENSIS APIOPLEURA PLIOCENICA SPICATA STELLA CHARLOTTENSIS HANCOCKI LAGEMARIA ANGULOSA FLUENS DISCORBIS PACIFICA ROTALIFORMIS SENTICOSA ALATA DECUSSATA SUBARCNARIENSIS FRIGIDA SUBFUSIFORMIS SARCNARIENTICA LUCIOA	CUSHMAN MCCULLOCH 1939
	KETCHIKAN, ALASKA	LAGENA	PLIOCENICA	CUSHMAN MCCULLOCH 1950
	KETCHIKAN, ALASKA KETCHIKAN, ALASKA	LAGENA NONIONELLA	SPICATA STELLA	CUSHMAN MCCULLOCH 1950
	KETCHIKAN, ALASKA	ROBERTINOIDES	CHARLOTTENSIS	CUSHMAN MCCULLOCH 1948
	KETCHIKAN, ALASKA KETCHIKAN, ALASKA	S AC C AMMINA S AC C AMMINA	HANCOCKI LAGENARIA	CUSHMAN MCCULLOCH 1939 CUSHMAN MCCULLOCH 1939
	KETCHIKAN. ALASKA	TRIFARINA	ANGULOSA	CUSHMAN MCCULLOCH 1948
	KETCHIKAN, ALASKA KETCHIKAN, ALASKA	TRIFARINA TROCHAMMINA TROCHAMMINA TROCHAMMINA	DISCORBIS	CUSHMAN MCCULLOCH 1948
	KETCHIKAN, ALASKA	TROCHAMMINA	PACIFICA	CUSHMAN MCCULLOCH 1939
	KETCHIKAN, ALASKA KETCHIKAN, ALASKA	TROCHAMMINA UVIGERINA	ROTAL I FORMIS SENTI COSA	CUSHMAN MCCULLOCH 1939 CUSHMAN MCCULLOCH 1948
55 21N 131 58W	CLARENCE ST., ALASKA	UVIGERINA BOLIVINA BOLIVINA BOLIVINA BUCCELA BULIMINA CASSIDULINA CIBICIDES ELPHIDIUM EPISTOMINELLA FISSURINA FURSENKOINA	ALATA	TODD LOW 1967
	CLARENCE ST., ALASKA CLARENCE ST., ALASKA	BOLIVINA BOLIVINA	DE CUSSATA SUBAENARIENSIS	TODD LOW 1967 TODD LOW 1967
	CLARENCE ST. ALASKA	BUCCELLA	FRIGIDA	TODD LOW 1967
	CLARENCE ST., ALASKA CLARENCE ST., ALASKA	CASSIDULINA	BARBARA	TODD LOW 1967
	CLARENCE ST. ALASKA	CIBICIDES	LOBATULUS	TODD LOW 1967
	CLARENCE ST., ALASKA CLARENCE ST., ALASKA	ELPHIDIUM FIPHIDIUM	EXCAVATUM FRIGIDUM	TODO LOW 1967
	CLARENCE ST. ALASKA	EPISTOMINELLA	PACIFICA	TOOD LOW 1967
	CLARENCE ST., ALASKA CLARENCE ST., ALASKA	FISSURINA FURSENKOINA	LUCIDA FUSIFORMIS	TODD LOW 1967 TODD LOW 1967
	CLARENCE ST., ALASKA	GLOBOBULIMINA	AURICULATA	TODD LOW 1967
	CLARENCE ST., ALASKA CLARENCE ST., ALASKA	HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES	BRADYI Scitulum	TOOD LOW 1967 TODO LOW 1967
	CLARENCE ST., ALASKA	LAGENA	AMPHORA	TODO LOW 1967
	CLARENCE ST., ALASKA	L AGENA L AGENA	DISTOMA ELONGATA	TODD LOW 1967 TODD LOW 1967
	CLARENCE ST., ALASKA CLARENCE ST., ALASKA	NONIONELLA	STELLA	TODD LOW 1967
	CLARENCE ST. ALASKA	NONIONELLA	TURGIDA Turgida digitata	TOOD LOW 1967 TOOD LOW 1967
	CLARENCE ST., ALASKA CLARENCE ST., ALASKA	NONIONELLA NONIONELLINA	LABRADORICA	T000 LOW 1967
	CLARENCE ST., ALASKA	PYRGO	DE PRESSA	TODO LOW 1967
	CLARENCE ST., ALASKA CLARENCE ST., ALASKA	PYRGO QUINQUELOCULINA	ROTALARIA Akneriana	TODD LOW 1967 TODD LOW 1967
	CLARENCE ST., ALASKA	QUINQUELOCULINA	SEMINULA	TODD LOW 1967
	CLARENCE ST., ALASKA CLARENCE ST., ALASKA	QUINQUELOCULINA UVIGERINA	STALKERI PEREGRINA	TODD LOW 1967 TODD LOW 1967
55 26N 132 14W	KASAAN BAY, ALASKA	AMMODISCUS	AR ENA CEUS	TODD LOW 1967
	KASAAN BAY, ALASKA Kasaan Bay, Alaska	BOLIVINA BOLIVINA	O E CUSSATA PACIFICA	TOOD LOW 1967 TOOD LOW 1967
	KASAAN BAY, ALASKA	BUCCELLA	FRIGIOA	TODD LOW 1967
	KASAAN BAY, ALASKA Kasaan bay, alaska	C 1 B I C I O E S C R I B R O S T O M O I D E S	LOBATULUS CRASSIMARGO	TODD LOW 1967 TODD LOW 1967
	KASAAN BAY, ALASKA	CYCLOGYRA	INVOLVENS	T000 LOW 1967
	KASAAN BAY, ALASKA	DENTALINA	BAGGI	TODO LOW 1967

Lat. Long.	Locality	Generic Name	Specific Name	Publication
55 26N 132 14W	KASAAN BAY, ALASKA	DYOCIBICIDES	BISERIALIS	TODD LOW 1967
	KASAAN BAY, ALASKA	EGGERELLA	AO VEN A	TOOD LOW 1967
	KASAAN BAY, ALASKA Kasaan bay, Alaska	ELPHIDIELLA ELPHIDIELLA	ARCTICA ARCTICA	TODD LOW 1967 TODD LOW 1967
	KASAAN BAY. ALASKA	ELPHICIUM	EXCAVATUM	TOOD LOW 1967
	KASAAN BAY, ALASKA	ELPHIDIUM	FRIGIOUM	TOOD LOW 1967
	KASAAN BAY, ALASKA Kasaan bay, alaska	ELPHIDIUM	OREGONENSE	TODD LOW 1967 TODD LOW 1967
	KASAAN BAY, ALASKA	EPISTOMINELLA FRONDICULARIA	VITREA GIGAS	TODO LOW 1967
	KASAAN BAY, ALASKA	GAUDRYINA	ARENARIA	TODD LOW 1967
	KASAAN BAY, ALASKA Kasaan bay, Alaska	GLABRATELLA	ORNATISSIMA	TODD LOW 1967 TODD LOW 1967
	KASAAN BAY, ALASKA	GLOBOBUL 1 M I NA HAPLOPHRAGMOI DES	AURICULATA Brady I	TODD LOW 1967
	KASAAN BAY, ALASKA	ISLANDIELLA	CALIFORNICA	TODD LOW 1967
	KASAAN BAY, ALASKA Kasaan bay, Alaska	ISLANDIELLA	HELENAE	TODO LOW 1967 TODD LOW 1967
	KASAAN BAY, ALASKA	I SLANDIELLA I SLANDIELLA	NORCROSSI TORTUOSA	TODO LOW 1967
	KASAAN BAY, ALASKA	KARRERIELLA	BACCATA	TODD LOW 1967
	KASAAN BAY, ALASKA Kasaan Bay, Alaska	LAGENA	APIOPLEURA	TOOD LOW 1967 TODD LOW 1967
	KASAAN BAY, ALASKA	LAGENA LAGENA	DISTOMA MERIDIONALIS	TOOD LOW 1967
	KASAAN BAY, ALASKA	LAGENA	STRIATA	TODD LOW 1967
	KASAAN BAY, ALASKA Kasaan bay, alaska	LENTICULINA	NI COB ARENS IS	TODD LOW 1967 TODD LOW 1967
	KASAAN BAY, ALASKA	L ENTICULINA NONIONELLA	STRONGI AURICULA	TODD LOW 1967
	KASAAN BAY, ALASKA	NONIONELLA	STELLA	T000 LOW 1967
	KASAAN BAY, ALASKA Kasaan Bay, Alaska	NONIONELLINA PELOSINA	LABRADORICA	TODD LOW 1967 TODD LOW 1967
	KASAAN BAY, ALASKA	PSEUDOPOL YMORPHINA	VARIABILIS CHARLOTTENSIS	TODD LOW 1967
	KASAAN BAY, ALASKA	PYRGO	LUCERNULA	TODD LOW 1967
	KASAAN BAY, ALASKA Kasaan bay, Alaska	QUINQUELOCULINA QUINQUELOCULINA	AK NER I AN A	TODD LOW 1967 TOOD LOW 1967
	KASAAN BAY, ALASKA	RECURVOIDES	STALKERI Contortus	TODO LOW 1967
	KASAAN BAY, ALASKA	REOPHAK	S C ORP I UR U S	TODD LOW 1967
	KASAAN BAY, ALASKA	TRIFARINA	FLUENS	TODD LOW 1967 TODD LOW 1967
	KASAAN BAY, ALASKA Kasaan bay, Alaska	TROCHAMMINA TROCHAMMINA	ADVENA ROTALIFORMIS	TODD LOW 1967
	KASAAN BAY, ALASKA	UVIGERINA	PEREGRINA	TODD LOW 1967
56 23N 154 27W		BOLIVINA	PS EUD OPL I CATA	SMITH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	BULIMINELLA DOROTHIA	BASICOSTATA SCABRA	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA	ELPHIDIUM	MAGELLANICUM	SMITH 1973
	OFF ALASKA PENINSULA	EPISTOMINELLA	EK I GU A	SMITH 1973 SMITH 1973
	OFF ALASKA PENINSULA OFF ALASKA PENINSULA	FUR SENKOINA NONIONELLA	LOEBLICHI AURICULA	SMITH 1973
	OFF ALASKA PENINSULA	NONIONELLA	BRADYI	SM1TH 1973
56 25N 152 45W	GULF OF ALASKA	A DERCOTRY MA	GL OME RATA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	ASTACOLUS CIBICIDES	HY ALA CRULUS FLETCHER I	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	CIBICIDES	LOBATULUS	BERGEN O'NEIL 1979
	GULF OF ALASKA	CRIBROSTOMOIDES	JEFFREYSII	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	GAVELINOPSIS GLABRATELLA	PRAEGERI Ornatissima	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	ISLANDIELLA	CALIFORNICA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	I SLANDIEL LA	LIMBATA TORTUOSA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	I SLAN DIELLA Karreriella	BACCATA	BERGEN O'NEIL 1979
	GULF OF ALASKA	LAGENA	STRIATA	BERGEN O'NEIL 1979
	GULF OF ALASKA	NONIONELLA	AURICULA	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	OOL IN A	BOREAL IS HE KAGONA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	PULLENIA	SALISBURYI	BERGEN O'NEIL 1979
	GULF OF ALASKA	PYRGO QUINQUELOCULINA	MURRHINA	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	TROCHAMMINA	SP - SQ UAMATA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	UVIGERINA	JUNCE A	BERGEN O'NEIL 1979
56 28N 132 23W	OFF ALASKA OFF ALASKA	BOLIVINA BULIMINELLA	PACIFICA ELEGANTISSIMA	CUSHMAN MCCULLOCH 1942 CUSHMAN MCCULLOCH 1948
	OFF ALASKA	DENTALINA	CALOMORPHA	CUSHMAN MCCULLOCH 1950
	OFF ALASKA	ELPHIDIELLA	HANNA I	CUSHMAN MCCULLOCH 1940
	OFF ALASKA	ELPHIDIUM Elphidium	ARTICULATUM LENE	CUSHMAN MCCULLOCH 1940
	OFF ALASKA OFF ALASKA	GAUDRYINA	ARENARIA	CUSHMAN MCCULLOCH 1940 CUSHMAN MCCULLOCH 1939
	OFF ALASKA	LAGENA	AP 1 OP L EUR A	CUSHMAN MCCULLOCH 1950
	OFF ALASKA	LAGENA	DISTOMA	CUSHMAN MCCULLOCH 1950
	OFF ALASKA OFF ALASKA	L AGENA L AGENA	PARRI Perlucida	CUSHMAN MCCULLOCH 1950 CUSHMAN MCCULLOCH 1950
	OFF ALASKA	LAGENA	SPICATA	CUSHMAN MCCULLOCH 1950
	OFF ALASKA	LAGENA	STRIATA	CUSHMAN MCCULLOCH 1950
	OFF ALASKA OFF ALASKA	L AGENA NODOS ARIA	SULCATA SUBSCALARIS	CUSHMAN MCCULLOCH 1950 CUSHMAN MCCULLOCH 1950
	OFF ALASKA	NON1ONELLA	BASISPINATA	CUSHMAN MCCULLOCH 1940
	OFF ALASKA	NONIONELLA	GRATEL OUP I	CUSHMAN MCCULLOCH 1940
	OFF ALASKA OFF ALASKA	NONIONELLA NONIONELLA	MIOCENICA STELLA	CUSHMAN MCCULLOCH 1940 CUSHMAN MCCULLOCH 1940
	OFF ALASKA	OOLINA	BOREALIS	CUSHMAN MCCULLOCH 1950
	OFF ALASKA	OOLINA	STRIATOPUNCTATA	CUSHMAN MCCULLOCH 1950
	OFF ALASKA OFF ALASKA	ROBERTINOIDES TRIFARINA	CHARLOTTENSIS ANGULOSA	CUSHMAN MCCULLOCH 1948 CUSHMAN MCCULLOCH 1948
	OFF ALASKA	TRIFARINA	FLUENS	CUSHMAN MCCULLOCH 1948
64 704 453 453	OFF ALASKA	TROCHAMMINA	PACIFICA CALADUANI	CUSHMAN MCCULLOCH 1939
56 30N 152 40W	GULF OF ALASKA GULF OF ALASKA	ASTRONONION BUCCELLA	GALLOWAYI FRIGIDA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	CIBICIDES	FLETCHERI	BERGEN O'NEIL 1979
	GULF OF ALASKA	CIBICIDES	LOBATULUS	BERGEN O'NEIL 1979

Lat. Long.	Locality	Generic Name	Specific Name	Publication  BERGEN O'NE IL 1979
56 30N 152 40W	GULF OF ALASKA	EPONIDES	REPANDUS	BERGEN O'NEIL 1979
	GULF OF ALASKA	GAUDRYINA	ARENARIA	BERGEN O'NEIL 1979
	GULF OF ALASKA	HAPLOPHRAGMOIDES	SCITULUM	BERGEN O'NEIL 1979
	GULF OF ALASKA	ISLANDIELLA	CALIFORNICA	BERGEN O'NEIL 1979
	GULF OF ALASKA	ISLANDIELLA	LIMBATA	BERGEN O'NEIL 1979
	GULF OF ALASKA	LAGENA	APIOPLEURA	BERGEN O'NEIL 1979
	GULF OF ALASKA	MILIOLINELLA	SUBROTUNDA	BERGEN O'NE IL 1979
	GULF OF ALASKA	NONIONELLA	ST ELL A	BERGEN O'NE IL 1979
	GULF OF ALASKA	PATELLINA	CORRUGATA	BERGEN O'NEIL 1979
	GULF OF ALASKA	QUINQUELO CULINA	A G G L U T I N A T A	BERGEN O'NEIL 1979
	GULF OF ALASKA	GNINGREFOCRFINA	SP.	BERGEN O'NEIL 1979
	GULF OF ALASKA	ROBERTINOIDES	CHARLOTTENSIS	BERGEN O'NE IL 1979
	GULF OF ALASKA	TROCHAMMINA	FLUENS POTALIFORMIS	BERGEN O'NEIL 1979
	GULF OF ALASKA	TROCHAMMINA	SQUAMATA	BERGEN O'NEIL 1979
56 35N 151 50W	GULF OF ALASKA	BUCCELLA	FRIGIDA	BERGEN O'NEIL 1979
	GULF OF ALASKA	CIBICIDES	LOBATULUS	BERGEN O'NEIL 1979
	GULF OF ALASKA	CIBICIDES	MEKANNAI	BERGEN O'NEIL 1979
	GULF OF ALASKA	ELPHICIUM	ARTICULATUM EXCAVATUM	BERGEN O'NEIL 1979
	GULF OF ALASKA	EPISTOMINELLA	PACIFICA	BERGEN O'NEIL 1979
	GULF OF ALASKA	FISSURINA	LUCIDA	BERGEN O'NEIL 1979
	GULF OF ALASKA	ISLANDIELLA	NORCROSSI	BERGEN O'NEIL 1979
	GULF OF ALASKA	LAGENA	APIOPLEURA	BERGEN O'NEIL 1979
	GULF OF ALASKA	NONIONELLA	AURICULA	BERGEN O'NEIL 1979
	GULF DF ALASKA	NONIONELLINA	LABRADORICA	BERGEN O'NE IL 1979
	GULF OF ALASKA	OOLINA	MELO	BERGEN D'NEIL 1979
	GULF OF ALASKA	TRIFARINA UVIGERINA	JUNCE A	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	UVIGERINA	PEREGRINA	BERGEN O'NEIL 1979
56 35N 152 00W	GULF OF ALASKA	CIBICIDES	FLETCHERI	BERGEN D'NE IL 1979
	GULF OF ALASKA	CRIBROSTOMOIDES	JEFFREYSII	BERGEN O'NEIL 1979
	GULF OF ALASKA	GAVELINOPSIS	PRAEGERI	BERGEN O'NEIL 1979
	GULF OF ALASKA	ISLANDIELLA ISLANDIELLA	HELENAE I I MRATA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
56 40N 151 SSW	GULF OF ALASKA	CIBICIDES	FLETCHERI	BERGEN O'NEIL 1979
	GULF OF ALASKA	CIBICIDES	LOBATULUS	BERGEN O'NE IL 1979
	GULF OF ALASKA	ELPHIDIUM	FRIGIDUM	BERGEN O'NEIL 1979
	GULF OF ALASKA	EPONIDES	REPANDUS	BERGEN O'NEIL 1979
	GULF OF ALASKA	FISSURINA GUTTUI INA	MARGINATA PROBLEMA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	ISLANDIELLA	CALIFORNICA	BERGEN O'NEIL 1979
	GULF OF ALASKA	ISLANDIELLA	LIMBATA	BERGEN O'NEIL 1979
	GULF OF ALASKA	KARRERIELLA	BACCATA	BERGEN O'NEIL 1979
	GULF OF ALASKA	LAGENA	AP I OP L EUR A	BERGEN O'NEIL 1979
	GILE OF ALASKA	LAGENA OCI INA	ELONGATA BORFALIS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	POLYMORPHINA	KINCAIDI	BERGEN O'NEIL 1979
	GULF OF ALASKA	PULLENIA	SALISBURYI	BERGEN O'NEIL 1979
	GULF OF ALASKA	REOPHAX	SCORPIURUS	BERGEN O'NEIL 1979
	GULF OF ALASKA	SIGMOMORPHINA	GALLOWAYI	BERGEN O'NEIL 1979
57 20N 134 02W	GAMBIER BAY, ALASKA	AMMODISCUS	GULLMARENSIS	TODD LOW 1967
	GAMBIER BAY, ALASKA	BOLIVINA	DECUSSATA	TDDD LOW 1967
	GAMBIER BAY, ALASKA	BUCCELLA	FR IGIDA	TODD LOW 1967
	GAMBIER BAY, ALASKA GAMBIER BAY, ALASKA	CRIBROSTOMOIOES	CRASSIMARGO	TODO LOW 1967
	GAMBIER BAY, ALASKA	CRIBROSTOMOIOES	JEFFREYSII	TODO LOW 1967
	GAMBIER BAY, ALASKA	DYOCIBICIDES	BISERIALIS	TODD LOW 1967
	GAMBIER BAY, ALASKA	ELPHIOIELLA	ARCTICA	TOOD LOW 1967
	GAMBIER BAY, ALASKA	ELPHIDIUM	FRIGIDUM	TODD LOW 1967
	GAMBIER BAY, ALASKA GAMBIER BAY, ALASKA	GLABRATELLA ISLANDIELLA	OR NATISSIMA CALIFORNICA	TODD LOW 1967 Todd Low 1967
	GAMBIER BAY, ALASKA	ISLANDIELLA	LIMBATA	TODO LOW 1967
	GAMBIER BAY, ALASKA	MILIOLINELLA	SUBROTUNDA	T000 LOW 1967
	GAMBIER BAY, ALASKA GAMBIER BAY, ALASKA	NONIONELLA OOLINA	AURICULA LAEVIGATA	TOOD LOW 1967 Todd Low 1967
	GAMBIER BAY, ALASKA	QUINQUELO CULINA	AK NER I AN A	TODO LOW 1967
	GAMBIER BAY, ALASKA GAMBIER BAY, ALASKA	QUINQUELOCULINA	ARCTICA SEMINULA	TODD LOW 1967 TODD LOW 1967
	GAMBIER BAY, ALASKA	RECURVOIDES	CONTORTUS	TODD LOW 1967
	GAMBIER BAY, ALASKA	REOPHAX	SCORPIURUS	TODD LOW 1967
	GAMBIER BAY, ALASKA GAMBIER BAY, ALASKA	ROBERT INA ROSAL INA	ARCTICA COLUMBIENSIS	TODD LOW 1967 TODD LOW 1967
	GAMBIER BAY, ALASKA	TRIFARINA	FLUENS	TODD LOW 1967
	GAMBIER BAY, ALASKA	TRILOCULINA	ROTUNDA	T000 L0W 1967
	GAMBIER BAY, ALASKA GAMBIER BAY, ALASKA	TROCHAMMINA TROCHAMMINA	ROTALIFORMIS SQUAMATA	TODD LOW 1967 Todd Low 1967
57 49N 152 30W	KODIAK, ALASKA	BUCCELLA	FRIGIDA	SM1TH 1973
	KODIAK, ALASKA	BUCCELLA	INUSITATA ELEGANTISSIMA	SMITH 1973 SMITH 1973
	KODIAK, ALASKA Kodiak, alaska	BULIMINELLA CRIBROSTOMOIDES	SUBGLOBOSUM	SMITH 1973
	KODIAK, ALASKA	DOROTHIA	SCABRA	SMITH 1973

Lat. Long.	Locality	Generic Name	Specific Name	Publication
57 49N 152 30W	KODIAK, ALASKA	ELPHIDIUM		SMITH 1973
	KODIAK, ALASKA KOOIAK, ALASKA	ELPHIDIUM FURSENKOINA		SMITH 1973 SMITH 1973
	KODIAK, ALASKA	HAPL OP HRAGMOI DES	CANARIENSIS	SMITH 1973
	KODIAK, ALASKA KODIAK, ALASKA	HAYNESINA	ORBICULARE	SMITH 1973 SMITH 1973
58 02N 134 00W	TAKU HARBDUR, ALASKA	NONIONELL INA AMPHICORYNA	SCALARIS	TOOD LOW 1967
	TAKU HARBOUR, ALASKA	ASTRONONION	GALLOWAYI	TODD LOW 1967
	TAKU HARBOUR, ALASKA TAKU HARBOUR, ALASKA	BOLIVINA BUCCELLA		TODD LOW 1967 TODD LOW 1967
	TAKU HARBOUR, ALASKA	CIBICIOES	LOBATULUS	TODD LOW 1967
	TAKU HARBOUR, ALASKA TAKU HARBOUR, ALASKA	CRIBROSTOMOIDES CRIBROSTOMOIDES	CRASSIMARGO JEFFREYSII	TODD LOW 1967 TODD LOW 1967
	TAKU HARBOUR, ALASKA	DENTALINA	DECEPTA	TODD LOW 1967
	TAKU HARBOUR, ALASKA TAKU HARBOUR, ALASKA	EGGERELLA Elphidiella		TODD LOW 1967 TODD LOW 1967
	TAKU HARBOUR, ALASKA	ELPHIDIUM	BARILETTI	TODD LOW 1967
	TAKU HARBOUR, ALASKA TAKU HARBOUR, ALASKA	ELPHIDIUM Elphidium		TODD LOW 1967 TODD LOW 1967
	TAKU HARBOUR, ALASKA	EPISTOMINELLA	VITREA	TODD LOW 1967
	TAKU HARBOUR, ALASKA Taku Harbour, Alaska	G AUDRY IN A GLOBOBUL IMINA		TODD LOW 1967 TOOD LOW 1967
	TAKU HARBOUR, ALASKA	HAPLOPHRAGMOIDES		TODD LOW 1967
	TAKU HARBOUR, ALASKA	ISLANDIELLA	CALIFORNICA	TODD LOW 1967
	TAKU HARBOUR, ALASKA TAKU HARBOUR, ALASKA	I SLANO I ELLA LAGENA		TODD LOW 1967 TODD LOW 1967
	TAKU HARBDUR, ALASKA	NONIONELLA	AURICULA	TODD LOW 1967
	TAKU HARBOUR, ALASKA TAKU HARBOUR, ALASKA	QUINQUELOCULINA QUINQUELOCULINA		TODO LOW 1967 TODO LOW 1967
	TAKU HARBOUR, ALASKA	REOPHAX	SCORPIURUS	TODD LOW 1967
	TAKU HARBOUR, ALASKA TAKU HARBOUR, ALASKA	IRIFARINA TROCHAMMINA		TODD LOW 1967 TODD LOW 1967
	TAKU HARBOUR, ALASKA	UVIGERINA	PE REGRINA	TODD LOW 1967
58 19N 134 20W	OFF ALASKA DFF ALASKA	EGGERELLA Elphidiella	A D V E N A H A N N A I	CUSHMAN MCCULLOCH 1939 CUSHMAN MCCULLOCH 1940
	OFF ALASKA	ELPHIDIUM	TUMIOUM	CUSHMAN MCCULLOCH 1940
58 25N 135 30W	EXCURSION, ALASKA	AMM DD I S C U S		TODD LOW 1967 TODD LOW 1967
	EXCURSION, ALASKA EXCURSION, ALASKA	AMMOTIUM ASTRONONION	CASSIS Gallowayi	TODD LOW 1967
	EXCURSION, ALASKA	BOLIVINA	DECUSSATA	TODO LOW 1967 TODO LOW 1967
	EXCURSION, ALASKA EXCURSION, ALASKA	BUCCELLA BULIMINELLA		TODD LOW 1967
	EXCURSION, ALASKA EXCURSION, ALASKA	CASSIDULINA		TODD LOW 1967 TODD LOW 1967
	EXCURSION, ALASKA	CIBICIDES CRIBROSTOMOIDES		TOOD LOW 1967
	EXCURSION, ALASKA	CRIBROSTOMOIOES		TODD LOW 1967
	EXCURSION, ALASKA EXCURSION, ALASKA	OYOCIBICIDES EGGERELLA		TODD LOW 1967 TODD LOW 1967
	EXCURSION, ALASKA	ELPHIDIELLA	ARCTICA	TODO LOW 1967
	EXCURSION, ALASKA EXCURSION, ALASKA	ELPHIDIUM Elphidium	BARTLETTI Excavatum	TODD LOW 1967 TOOD LOW 1967
	EXCURSION, ALASKA	ELPHIDIUM	FRIGIDUM	TODD LOW 1967
	EXCURSION, ALASKA EXCURSION, ALASKA	EPISTOMINELLA FISSURINA	VITREA LUCIOA	TODD LOW 1967 TODD LOW 1967
	EXCURSION, ALASKA	FURSENKOINA	FUSIFORMIS	TODD LOW 1967
	EXCURSION, ALASKA EXCURSION, ALASKA	GAUDRY INA Globobulimina	ARENARIA AURICULATA	TODD LOW 1967 TODD LOW 1967
	EXCURSION, ALASKA	HAPLOPHRAGMOI DES	PL ANI S S I M U M	TODD LOW 1967
	EXCURSION, ALASKA EXCURSION, ALASKA	I SLANDIELLA I SLANDIELLA	CALIFORNICA HELENAE	TODD LOW 1967 TODD LOW 1967
	EXCURSION, ALASKA	ISLANDIELLA	LIMBATA	TODD LOW 1967
	EXCURSION, ALASKA EXCURSION, ALASKA	LAGENA NONIONELLA	APIOPLEURA AURICULA	TODD LOW 1967 TODD LOW 1967
	EXCURSION, ALASKA	NONIONELLINA	LA BRA DOR I CA	TOOD LOW 1967
	EXCURSION, ALASKA	OOLINA		TODD LOW 1967 TODD LOW 1967
	EXCURSION, ALASKA EXCURSION, ALASKA	PSEUDOPOLYMORPHINA PYRGO	LUCERNULA	TOOD LOW 1967
	EXCURSION, ALASKA	QUINQUELOCULINA	AKNER I ANA	TOOD LOW 19 67
	EXCURSION, ALASKA EXCURSION, ALASKA	QUINQUELOCULINA QUINQUELOCULINA	ARCTICA Seminula	T000 LOW 1967 TODD LOW 1967
	EXCURSION, ALASKA	QUINQUELOCULINA	STALKERI	TODD LOW 1967
	EXCURSION, ALASKA EXCURSION, ALASKA	RECURVOIDES REOPHAX	TURBINATUS Scorpiurus	TODD LOW 1967 TODD LOW 1967
	EXCURSION, ALASKA	SIGMOMORPHINA	TRILOCULARIS	TODO LOW 1967
	EXCURSION, ALASKA EXCURSION, ALASKA	SPIROPLECTAMMINA IRIFARINA	BIFORMIS FLUENS	TODD LOW 1967 TODD LOW 1967
	EXCURSION, ALASKA	TROCHAMMINA	ROTALIFORMIS	TODD LOW 1967
58 30N 139 00W	GULF OF ALASKA GULF OF ALASKA	BOLIVINA BUCCELLA	DECUSSATA FRIGIDA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	CIBICIDES	FLETCHERI	BERGEN O'NEIL 1979
	GULF OF ALASKA	CIBICIDES EPONIDES	LOBATULUS REPANDUS	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	ISLANDIELLA	CALIFORNICA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	ISLANDIELLA	LIMBATA	BERGEN O'NEIL 1979
	GULF OF ALASKA	I SLANDIELLA LAGENA	TORTUOSA GRACILIS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	NONIONELLA	AURICULA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	PULLENIA TRIFARINA	SALISBURYI FLUENS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	UVIGERINA	JUNCEA	BERGEN O'NE IL 1979
58 35N 138 15W	GULF OF ALASKA GULF OF ALASKA	ASTACOLUS BOLIVINA	PLANULATUS DECUSSAIA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	BOLIVINA BULIMINELLA	PACIFICA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	DENTALINA	E L E GANTISSIMA DE CEPTA	BERGEN O'NE IL 1979 Bergen o'ne il 1979

Lat. Long.	Locality	Generic Name	ADVENA EXCAVATUM FRIGIDUM VITREA LEVICULUS HELENAE NORCROSSI BACCATA ELONGATA GRACILIS LAEVIS PLIOCENICA SEMILINEATA STRIATA STELLA BOREALIS MELO SALISBURYI MURRHINA STALKERI JUNCEA GALLOWAYI FRIGIDA FLETCHERI LOBATULUS NITIOA REPANDUS LUCIDA CALIFORNICA LIMBATA TORTUOSA BACCATA MURRHINA GALLOWAYI FLUENS ROTALIFORNIS CASSIS FRIGIDA CALIFORNIS CASSIS FRIGIDA BARBARA LOBATULUS ROTALIFORNIS CASSIS FRIGIDA BARBARA LOBATULUS ROTALIFORNIS CASSIS FRIGIDA BARBARA LOBATULUS ROTULUS	Publication
58 35N 138 15W	GULF OF ALASKA	EGGERELLA	AD VEN A	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	ELPHIDIUM	EX CAVATUM ERICEDUM	BERGEN O'NEIL 1979
	GULF OF ALASKA	EPISTOMINELLA	VITREA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	EPONIDES ISLANDIFILA	LEVICULUS HEIFNAF	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	ISLANDIELLA	NORCROSSI	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	KARRERIELLA LAGENA	BACCATA FLONGATA	BERGEN O'NEIL 1979 HERGEN O'NEIL 1979
	GULF OF ALASKA	LAGENA	GRACILIS	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	L AGENA I AGENA	LAEVIS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	LAGENA	SEMILINEATA	BERGEN O'NEIL 1979
	GULF OF ALASKA	LAGENA NONTONELLA	STRIATA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	OOLINA	BOREALIS	BERGEN O'NE IL 1979
	GULF OF ALASKA	PULLENIA	MELO SALISBURYI	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	PYRGO	MURRHINA	BERGEN O'NEIL 1979
	GULF OF ALASKA	UVIGERINA	STALKERI JUNCEA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
58 35N 139 15W	GULF OF ALASKA	ASTRONONION	GA LLO WAY I	BERGEN O'NEIL 1979
	GULF OF ALASKA	CIBICIDES	FLETCHERI	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	CIBICIDES	LOBATULUS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	EPONIDES	REPANDUS	BERGEN O'NEIL 1979
	GULF OF ALASKA	FISSURINA	LUCIDA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	ISLANDIELLA	LIMBATA	BERGEN O'NEIL 1979
	GULF OF ALASKA	ISLANDIELLA	TORTUOSA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	PYRGO	MURRHINA	BERGEN O'NEIL 1979 TODD LOW 1967
	GULF OF ALASKA	S I GMOMOR PHI NA	GALLOWAY I	BERGEN O'NEIL 1979
.6	GULF OF ALASKA	TROCHAMMINA	ROTALIFORMIS	BERGEN O'NEIL 1979
58 40N 135 00W	LYNN CANAL, ALASKA	AMMOTIUM Buccella	CASSIS FRIGINA	TODD LOW 1967 TODD LOW 1967
	LYNN CANAL, ALASKA	BULIMINELLA	ELEGANTISSIMA	TODD LOW 1967
	LYNN CANAL, ALASKA Lynn Canal, Alaska	CASSIDULINA	BARBARA LOBATULUS	TODD LOW 1967 Todd Low 1967
	LYNN CANAL, ALASKA	CRIBROSTOMOIDES	CR ASS IMARGO	TODD LOW 1967
	LYNN CANAL, ALASKA Lynn Canal, Alaska	DENDROPHYRA EGGERELLA	AR BOR ESCENS AD VENA	TODD LOW 1967 TODD LOW 1967
	LYNN CANAL, ALASKA	ELPHIDIELLA	ARCTI CA	TODD LOW 1967
	LYNN CANAL, ALASKA Lynn Canal, Alaska	ELPHIDIELLA	ARCTICA BARTLETTI	TODD LOW 1967 TODD LOW 1967
	LYNN CANAL, ALASKA	ELPHIDIUM	FRIGIOUM	TODD LOW 1967
	LYNN CANAL, ALASKA	GLOBOBULIMINA	AURICULATA	TODD LOW 1967 TODD LOW 1967
	LYNN CANAL, ALASKA	I SLAND IELLA	HELENAE	TODD LOW 1967 TODD LOW 1967
	LYNN CANAL, ALASKA	QUINQUELOCULINA	AGGLUTINATA	TODD LOW 1987
	LYNN CANAL, ALASKA	QUINQUELOCULINA	SEMINULA	TODD LOW 1967 TODD LOW 1967
	LYNN CANAL, ALASKA	TRILOCULINA	ROTUNDA	TODD LOW 1967
58 50N 141 15W	GULF OF ALASKA	AMMODISCUS ASTRONONION	MINUTISSIMUS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	BOLIVINA	DECUSSATA	BERGEN O'NEIL 1979
	GULF OF ALASKA	BOLIVINA BOLIVINA	PACIFICA SPISSA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	BUCCELLA	FRIGIDA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	BULIMINA	SUBACUMINATA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	CASSIDULINA	BARBARA	BERGEN O'NEIL 1979
	GULF OF ALASKA	CASSIDULINA	SUBGL OBOSA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	CIBICIDES	FLETCHERI	BERGEN O'NEIL 1979
	GULF OF ALASKA	EGGERELLA	BR ADY I	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	EHRENBERGINA	COMPRESSA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	EPISTOMINELLA	VITREA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	EPONIDES GYROIDINA	LEVICULUS 10	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	HAPL OPHRAGMOIDES	SCITULUM	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	I SLANDIELLA Lagena	TRANSLUCENS MERIDIONALIS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	LENTICULINA	NICOBARENSIS	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	O OL I NA Pullenia	BOREALIS SALISBURYI	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	RECTOBOLIVINA	PORRECTA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	RUPERTIA TRIFARINA	STABILIS Fluens	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	UVIGERINA	JUNCEA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	UVIGERINA VALVULINERIA	PEREGRINA GLABRA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
59 00N 141 20W	GULF OF ALASKA	AMMOBACUL ITES	AG GLUT IN ANS	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	AMMODISCUS AMMODISCUS	MINUTISSIMUS PACIFICUS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	AMMOMARGINULINA	SANDIEGOENSIS	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	B OL I V I NA B OL I V I NA	AL ATA BARBATA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	BOLIVINA	DE CUSSATA PACIFICA	BERGEN O'NEIL 1979
	GOET OF MEMBER	BOLIVINA	FACIFICA	BERGEN O'NEIL 1979

Lat. Long.	Locality	Generic Name	SPECIFIC Name  SPISS A SUBADVENA SUBACUMINATA TENUATA BARBARA CUSHMANI LOMITENSIS SUBCLARINATA SUBGLOBOSA OOLINA FIMBRIATA FLETCHERI LOBATULUS MCKANNAI ADVENA BRADYI PUSILLA FRIGIOUM PACIFICA VITREA HEALDI LEVICULUS SUBTENERA UMBONATUS LUCIDA BRAMLETTEI LOEBLICHI SANDIEGOENSIS SEMINUDA BRAMLETTEI LOEBLICHI SANDIEGOENSIS SEMINUDA LAEVIGATA AURICULATA PACIFICA ALTIFORMIS IO SCITULUM ELONGATA CALIFORNICA PARKERAE ELONGATA GRACILIS MERIDIONALIS NEBULOSA SEMILINEATA STRIATA OCCIDENTALIS PDMPILIOIDES AURICULA TORBUATA GRACILIS MUELLERSTORFI BULLOIDES AURICULA TORBUATA PACREAE FLUENS TRIHEORA GLOBOSA MELO OIDERA MUELLERSTORFI BULLOIDES SALLSIBURYI GUTTIFER SCORPIURUS ALGAEFDRMIS SPHAERICA TORBUATA PARKERAE FLUENS TRIHEORA GLOBOSS TRIHEORA GLOBOSS TRIHEORA GLOBICA TORBUATA PARKERAE FLUENS TRIHEORA GLOBICERINA PEREGRINA PER	Publication
59 00N 141 20W	GULF OF ALASKA	BOLIVINA	SP I ŞS A	BERGEN O'NEIL 1979
	GULF OF ALASKA	BOLIVINA	SUBADVENA	BERGEN O'NEIL 1979
	GULF OF ALASKA	BULIMINA	SUBAC UMINALA	BERGEN O'NEIL 1979
	GULF OF ALASKA	CASSIDULINA	BARBARA	BERGEN O'NEIL 1979
	GULF OF ALASKA	CASSIDULINA	CUSHMANI	BERGEN O'NEIL 1979
	GULF OF ALASKA	CASSIDULINA	LOMITENSIS	BERGEN D'NEIL 1979
	GULF OF ALASKA	CASSIDULINA	SUBGLDBOSA	BERGEN O'NEIL 1979
	GULF OF ALASKA	CHILOSTOMELLA	OOLINA	BERGEN D'NEIL 1979
	GULF OF ALASKA	CHILOSTOMELLINA	FIMBRIATA	BERGEN O'NEIL 1979
	GULF OF ALASKA	CIBICIDES	FLETCHERI	BERGEN O'NEIL 1979
	GULF OF ALASKA	CIBICIDES	MCKANNAI	BERGEN O'NE IL 1979
	GULF OF ALASKA	EGGERELLA	A D V EN A	BERGEN O'NEIL 1979
	GULF OF ALASKA	EGGERELLA	BRADY I	BERGEN O'NEIL 1979
	GULF OF ALASKA	ELPHIDIUM	FRIGIDUM	BERGEN O'NEIL 1979
	GULF OF ALASKA	EPISTOMINELLA	PACIFICA	BERGEN O'NEIL 1979
	GULF OF ALASKA	EPISTOMINELLA	VITREA	BERGEN O'NEIL 1979
	GULF OF ALASKA	FPONIDES FPONIDES	I E VICULUS	BERGEN O'NEIL 1979
	GULF OF ALASKA	EPONIDES	SUBTENERA	BERGEN O'NEIL 1979
	GULF OF ALASKA	EPONIDES	UMBONATUS	BERGEN O'NEIL 1979
	GULF OF ALASKA	FISSURINA	LUCIDA Brami ettet	BERGEN D'NEIL 1979
	GULF OF ALASKA	FURSENKOINA	LOEBLICHI	BERGEN O'NEIL 1979
	GULF OF ALASKA	FURSENKOINA	SANDIEGOENSIS	BERGEN O'NEIL 1979
	GULF OF ALASKA	FURSENKOINA	SEMINUDA	BERGEN O'NEIL 1979
	GULF OF ALASKA	GLOBOBULIMA	AURICULATA	BERGEN O'NEIL 1979
	GULF OF ALASKA	GLOBOBULIMINA	PACIFICA	BERGEN O'NEIL 1979
	GULF OF ALASKA	GYROIDINA	ALTIFORMIS	BERGEN O'NEIL 1979
	GULF OF ALASKA	GTRUIDINA HAPLOPHRAGMOIDES	SCITILIUM	BERGEN O'NEIL 1979
	GULF OF ALASKA	HYPERAMMINA	EL ONG ATA	BERGEN O'NE IL 1979
	GULF OF ALASKA	ISLANDIELLA	CALIFORNICA	BERGEN O'NEIL 1979
	GULF OF ALASKA	KARRERIELLA	PARKERAE	BERGEN O'NE IL 1979
	GILF OF ALASKA	LAGENA	GRACILIS	BERGEN O'NEIL 1979
	GULF OF ALASKA	LAGENA	MERIDIONALIS	BERGEN O'NEIL 1979
	GULF OF ALASKA	LAGENA	NE BUL O SA	BERGEN O'NEIL 1979
	GULF OF ALASKA	LAGENA	SEMILINEATA STRIATA	BERGEN O'NEIL 1979
	GULF OF ALASKA	MARTINDTTIELLA	OCCIDENTALIS	BERGEN O'NEIL 1979
	GULF OF ALASKA	MELDNIS	PDMPILIOIDES	BERGEN O'NEIL 1979
	GULF OF ALASKA	NONIDNELLA	AURICULA	BERGEN O'NEIL 1979
	GULF OF ALASKA	NONIONELLA NONIONELLINA	I A BRADOR I CA	BERGEN O'NEIL 1979
	GULF OF ALASKA	OOLINA	GL OBO S A	BERGEN O'NEIL 1979
	GULF OF ALASKA	OOLINA	MELO	BERGEN O'NEIL 1979
	GULT OF ALASKA	PELOSINA PELOSINA	DIDEKA WHELLERSTORET	BERGEN O'NEIL 1979
	GULF OF ALASKA	PULLENIA	BULLOIDES	BERGEN O'NE IL 1979
	GULF OF ALASKA	PULLENIA	SALISBURYI	BERGEN O'NEIL 1979
	GULF OF ALASKA	REOPHAX	GUTTIFER	BERGEN O'NEIL 1979
	GULF OF ALASKA	RHIZAMMINA	AL GAE FORM IS	BERGEN O'NEIL 1979
	GULF OF ALASKA	SACCAMMINA	SPHAERICA	BERGEN O'NEIL 1979
	GULF OF ALASKA	TEXTULARIA	TORQUATA	BERGEN D'NEIL 1979
	GULF OF ALASKA	TRIFARINA	FLUENS	BERGEN O'NEIL 1979
	GULF OF ALASKA	TRILDCULINA	TRIHEDRA	BERGEN O'NEIL 1979
	GULF OF ALASKA	TROCHAMMINA	GLOBIGERINIFORMIS	BERGEN O'NEIL 1979
	GULF OF ALASKA	I RUCHAMMINA UVIGERINA	AURERIANA	BERGEN O'NEIL 1979
	GULF OF ALASKA	UVIGERINA	PEREGRINA	BERGEN O'NEIL 1979
	GULF OF ALASKA	UVIGERINA	PEREGRINA DIRUPTA	BERGEN O'NEIL 1979
	GULF OF ALASKA	UVIGERINA VALVIII TRIEPTA	A R A I I C A N A	BERGEN O'NEIL 1979
	GULF OF ALASKA	VALVULINERIA	GLABRA	BERGEN O'NEIL 1979
59 20N 145 38W	GULF OF ALASKA	ASTRONONION	GALLOWAYI	BERGEN O'NEIL 1979
	GULF OF ALASKA	BOLIVINA	DECUSSATA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	BOLIVINA	PACIFICA BARBATA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	BULIMINA	INFLATA MEXICANA	BERGEN O'NEIL 1979
	GULF OF ALASKA	CASSIDULINA	CUSHMANI	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	EPISTOMINELLA EPISTOMINELLA	PACIFICA VITREA	BERGEN O'NEIL 1979
	GULF OF ALASKA	EPONIDES	HEALDI	BERGEN D'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	EPONIDES	LEVICULUS	BERGEN O'NEIL 1979
	GULF OF ALASKA	EPONIDES	SUBTENERA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	EPONIDES FRANCESITA	UMBONATUS ADVENA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	FURSENKOINA	LOEBLICHI	BERGEN O'NEIL 1979
	GULF OF ALASKA	GYROIDINA	10	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	ISLANDIELLA	NO R CROSS I	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	L A G E N A L A G E N A	ELONGATA STRIATA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	NONIONELLA	AURICULA	BERGEN O'NEIL 1979
	GULF OF ALASKA	NONIONELLA	TURGIDA DIGITATA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	THALMANNAMMINA TRIFARINA	PARKERAE FLUENS	BERGEN O'NEIL 1979
	GULF OF ALASKA	TRILOCULINA	TRIHEDRA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	UVIGERINA	PEREGRINA DIRUPTA	BERGEN D'NEIL 1979

19   70   14.5   70   14.5   76   4.5   76   74.5   75   75   75   75   75   75   75	Lat. Long.	Locality	Generic Name	Specific Name	Publication
59 238 155 200 GRIL OF ALSSA  OF ALS	59 20N 145 38W		UVIGERINA	PROBOSCIDEA	
29   259   15   200				ARAUC ANA	BERGEN O'NEIL 1979
39 25% 145 29%   Cult of ALSSA	59 23N 135 20W				
39   259   163   259   251   163   259   259   163   259			ELPHIDIUM		CUSHMAN MCCULLOCH 1940
GLL OF ALSSA AMMOSCALER A "PRESCOSPIBALIS GREEN O'NEIL 1979 GLL OF ALSSA STRONGHOOD GALCOURT GALCOURT (1979 GLL OF ALSSA STRONGHOOD GALCOURT) GREEN O'NEIL 1979 GLL O'NEIL 197	50 25N 145 25W				
GLL OF ALSEA  GL	37 230 143 234				
BULF 07 ALSEA BOLLVINA PINDIA CASTA BEREEK O'NEIL 1979 BULF O'N ALSEA BOLLVINA PINDIA CASTA BOLLVINA BOLLV			ASTRONONION	GALLOWAYI	BERGEN O'NEIL 1979
SULF OF ALASKA					BERGEN O'NE IL 1979
GOLF OF ALASKA BOLLYIAN SPISSA BESCEN O'NEIL 1979 OULF OF ALASKA BUCCHLA FAILOA BESCEN O'NEIL 1979 OULF OF ALASKA BUCCHLAN FAILOA BESCEN O'NEIL 1979 OULF OF ALASKA BULLHIMA BOSTRATA BESCEN O'NEIL 1979 OULF OF ALASKA BULLHIMA BOSTRATA BESCEN O'NEIL 1979 OULF OF ALASKA BULLHIMA BOSTRATA BESCEN O'NEIL 1979 OULF OF ALASKA CASISOULINA BARBARA BESCEN O'NEIL 1979 OULF O' ALASKA CASISOULINA GARBARA BESCEN O'NEIL 1979 OULF O' ALASKA CENTROLINA CALORDOPHA BESCEN O'NEIL 1979 OULF O' ALASKA CONTROLINA CALORDOPHA CALORDOPHA GARBOPHA BESCEN O'NEIL 1979 OULF O' ALASKA CONTROLINA CALORDOPHA GARBOPHA CALORDOPHA CALORDOPHA GARBOPHA CALORDOPHA GARBOPHA CALORDOPHA GARBOPHA CALO					BERGEN O'NEIL 1979
GULF OF ALSKA   OUCCELLA   FISTER   SEGEN O'NELL 1979					
GULF OF ALSSEA  OUL FINA  OUL FOR ALSSEA  OUL					
GULF OF ALSKA  GULF O		GULF OF ALASKA			BERGEN O'NEIL 1979
GULF OF ALSSA  GULF O					
GLIF OF ALASKA  GLIF OF ALASKA		GULF OF ALASKA			
GLIF OF ALSKA  GLIF O			CASSIDULINA	BARBARA	
GULF OF ALASKA GULF O					
GULF OF ALASKA		GULF OF ALASKA		CORNUTA	BERGEN O'NEIL 1979
GULF OF ALASKA DENTALINA CALONOPPHA BERGEN O'MELL 1979 GULF OF ALASKA ELPHOINELLE COLLEGATION OF THE COLLEGA					
GULF OF ALSKA ELPHIOUN FRICING BERGEN O'MELL 1979 GULF OF ALSKA ELPHIOUNE FRICING BERGEN O'MELL 1979 GULF OF ALSKA EPONIDES LEVICUUS BERGEN O'MELL 1979 GULF OF ALSKA EPONIDES LUCIDO BERGEN O'MELL 1979 GULF OF ALSKA EPONIDES LUCIDO BERGEN O'MELL 1979 GULF OF ALSKA EPONIDES LUCIDO BERGEN O'MELL 1979 GULF OF ALSKA FRISURINO BERGEN O'MELL 1979 GULF OF ALSKA FRISURINO BERGEN O'MELL 1979 GULF OF ALSKA CLOBOBULINIAN PACIFICA BERGEN O'MELL 1979 GULF OF ALSKA GUNDOLINIAN PACIFICA BERGEN O'MELL 1979 GULF O' ALSKA GUNDOLINIA BERGEN O'MELL 1979 GULF O' ALS					
GULF OF ALASKA   EPISTONINELLA   VITREA   BERGEN O'NELL 1779			ELPHIDIUM	FRIGIDUM	BERGEN O'NEIL 1979
GULF OF ALASKA  GULF OF ALASKA  GULF OF ALASKA  FONDIOS  GULF OF ALASKA  FONDIOS  GULF OF ALASKA  FONDIOS  GULF OF ALASKA  FISSURIAN  GULF OF ALASKA  FUSKRINIAN  GULF OF ALASKA  FUSKRINIAN  GULF OF ALASKA					
GULF OF ALASKA  GULF OF ALASKA  GULF OF ALASKA  FURSTRACIANA  GULF OF ALASKA  HAPLOPHRAGHOLDES  GULF OF ALASKA  HONIONELLIA  HONIONELLI					BERGEN O'NEIL 1979
GULF OF ALASKA FUSEKNODIMA LOEBLEN BERGEN O'NEIL 1979 GULF OF ALASKA FUSEKNODIMA SEMINION BERGEN O'NEIL 1979 GULF OF ALASKA GURBBULTHINA PARTIFICA BERGEN O'NEIL 1979 GULF OF ALASKA GURBBULTHINA PARTIFICA BERGEN O'NEIL 1979 GULF OF ALASKA GYBOLDIMA CEMMA BERGEN O'NEIL 1979 GULF OF ALASKA GYBOLDIMA CEMMA BERGEN O'NEIL 1979 GULF OF ALASKA HAPLOPHRAPHOLDES PLANUSSHUM BERGEN O'NEIL 1979 GULF OF ALASKA HAPLOPHRAPHOLDES PLANUSSHUM BERGEN O'NEIL 1979 GULF OF ALASKA HAPLOPHRAPHOLDES BERGEN O'NEIL 1979 GULF OF ALASKA HOUSELLINA LABBADORICA BERGEN O'NEIL 1979 GULF OF ALASKA PULLEMIA SALISBURYI BERGEN O'NEIL 1979 GULF OF ALASKA PULLEMIA SALISBURYI BERGEN O'NEIL 1979 GULF OF ALASKA PULLEMIA SALISBURYI BERGEN O'NEIL 1979 GULF OF ALASKA BEOPHAX GUTTFER BERGEN O'NEIL 1979 GULF OF ALASKA GUTTFER BERGEN O'NEIL 1979 G					
GULF OF ALASKA					
GULF OF ALASKA GYBOIDINA   CEMPA   GEMPA   G		GULF OF ALASKA	FURSENKOINA	SEMINUDA	BERGEN O'NEIL 1979
GULF OF ALASKA GROUP OF ALASKA GULF OF ALASKA GROUP OF ALASKA MONIONELLA GROUP OF ALASKA MONIONELA GROUP OF ALASKA ROOPHAX GULF OF ALASKA SACCORNIJA GULF OF ALASKA SACCORNIJA GULF OF ALASKA TRIABRIMA GROUP OF ALASKA TRIABRIMA					
GULF OF ALASKA MONITONELLINA GULF OF ALASKA GULF OF ALASKA PULLENIA GULF OF ALASKA ROCENINA GULF OF ALASKA PULLENIA GULF OF ALASKA ROCENINA GULF OF ALASKA R					
GULF OF ALASKA NONLONELLA GULF OF ALASKA PULLENIA GULF OF ALASKA PULGENIA GULF OF ALASKA ROBERTINOLOES GULF OF ALASKA SACCOBNIZA GULF OF A			GYROIDINA	10	BERGEN O'NEIL 1979
GULF OF ALASKA GULF OF ALASKA GULF OF ALASKA HYPERAMHINA ELONGATA GULF OF ALASKA HYPERAMHINA ELONGATA GULF OF ALASKA GULF OF ALASKA KAREER IELLA FARKERAE GULF OF ALASKA MONIONELLINA LABRADORICA GULF OF ALASKA PULLENIA GULF OF ALASKA PULCHNIA GULF OF ALASKA REOPHAX GULF OF ALASKA SACCOMIZA RAMOSA GULF OF ALASKA GUGGRUNDA CKISI GULF OF ALASKA THAPANNAMHINA PARKEREE BERGEN O'NEIL 1979 GULF OF ALASKA THAPANNAMHINA PARKEREE BERGEN GULF OF ALASKA THAPANNAMHINA FURDA GULF OF ALASKA THAPANNAMHINA FURDA GULF OF ALASKA UVIGERINA PERGENINFORMIS G					
GULF OF ALASKA  MOHIONELLA  MOHIONELLA  GULF OF ALASKA  MOHIONELLA  MOHIONELLA  GULF OF ALASKA  MOHIONELLA  MOHIONELLA  MOHIONELLA  GULF OF ALASKA  MOHIONELLA  MOHIONELLA  MOHIONELLA  MOHIONELLA  MOHIONELLA  MOHIONELLA  MOHIONELLA  GULF OF ALASKA  MOHIONELLA  MOHIONELLA  MOHIONELLA  MOHIONELLA  MOHIONELLA  MOHIONELLA  MOHIONELLA  GULF OF ALASKA  MOHIONELLA  MOHIONELLA  MOHIONELLA  MOHIONELLA  MOHIONELLA  MOHIONELLA  MOHIONELLA  GULF OF ALASKA  MOHIONELLA  MO				ELEGANS	
GULF OF ALASKA ONDIONELLIA GULF OF ALASKA NONIONELLIA GULF OF ALASKA NONIONELLIA GULF OF ALASKA NONIONELLIA GULF OF ALASKA NONIONELLIA GULF OF ALASKA PULLENIA GULF OF ALASKA PULLENIA GULF OF ALASKA PULCHIA GULF OF ALASKA PURGO MURRHINA GULF OF ALASKA PURGO MURRHINA GULF OF ALASKA RCOPHAX GULF OF ALASKA ROBERTINOTORS ROBERTORS ROBERTINOTORS ROBERTI					
GULF OF ALASKA  PULLENIA  GULF OF ALASKA  UVICERINA  GULF OF ALASKA  GULF OF ALASKA  UVICERINA  GULF OF ALASKA  GULF OF ALASKA					
GULF OF ALASKA  PULLENIA  GULF OF ALASKA  PULLENIA  GULF OF ALASKA  PYROO  MURRHINA  BERGEN O'NEIL 1979  GULF OF ALASKA  PYROO  MURRHINA  BERGEN O'NEIL 1979  GULF OF ALASKA  REOPHAX  GULF OF ALASKA  SUGGRUNDA  GULF OF ALASKA  SUGGRUNDA  GULF OF ALASKA  SUGGRUNDA  EKKISI  BERGEN O'NEIL 1979  GULF OF ALASKA  SUGGRUNDA  EKKISI  BERGEN O'NEIL 1979  GULF OF ALASKA  TRIFARINA  FLUENS  GULF OF ALASKA  TRIFARINA  GULF OF ALASKA  TRUCHAMHINA  GULF OF ALASKA  UVICERINA  MUREFIAN  GULF OF ALASKA  UVICERINA  PERGERINA DIBUPTA  BERGEN O'NEIL 1979  GULF OF ALASKA  UVICERINA  PERGERINA BERGEN O'NEIL 1979  GULF OF ALASKA  UVICERINA  GULF OF ALASKA  UVICERINA  PERGERINA BERGEN O'NEIL 1979  GULF OF ALASKA  MANDOISCOURT  GULF OF ALASKA  BULFINIA  BERGEN O'NEIL 1979  GULF OF ALASKA  BULFINIA  GULF OF ALASKA  BULFINIA  BERGEN O'NEIL 1979  GULF OF ALASKA  BULFINIA  GULF OF ALASKA  BULFINIA  GULF OF ALASKA  GULF OF ALASKA  BULFINIA  GULF OF ALASKA  GULF OF ALASK		GULF OF ALASKA		AURICULA	BERGEN O'NEIL 1979
GULF OF ALASKA  REOPHAX  GULF OF ALASKA  REOPHAX  GULF OF ALASKA  REOPHAX  GULF OF ALASKA  THALMANNAMINA  GULF OF ALASKA  THALMANNAMINA  GULF OF ALASKA  TRIFARRINA  FILUENS  GULF OF ALASKA  TRIFARRINA  FILUENS  GULF OF ALASKA  TRIFARRINA  FILUENS  GULF OF ALASKA  TRIFARRINA  GULF OF ALASKA  TROCHAMMINA  GULF OF ALASKA  UVIGERINA  GULF OF ALASKA  VALVULINERIA  GULF OF ALASKA  GULF OF ALASKA  VALVULINERIA  GULF OF ALASKA  GULF OF ALASKA  GULF OF ALASKA  MMODISCUS  MINUTISSIMUS  BERGEN O'NEIL 1979  GULF OF ALASKA  GULF OF ALASKA  MINUTISSIMUS  BERGEN O'NEIL 1979  GULF OF ALASKA  GULF OF ALASKA  MINUTISSIMUS  BERGEN O'NEIL 1979  GULF OF ALASKA  GULF					
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Lat. Long.	Locality	Generic Name	Specific Name	Publication
59 30N 142 55W		HAPLOPHRAGMOI DES	SCITULUM	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	HYPERAMMINA ISLANDIELLA	ELONGATA NORCROSSI	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	KARRERIELLA	PARKERAE	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	L AGENA L AGENA	ELONGATA STRIATA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	NONIONELLA NONIONELLA	AURICULA Turgida digitata	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	OOLINA	BOREALIS	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA		GL OBO S A HE XAGO NA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	PULLENIA	BULLOIDES	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	PULLENIA REOPHAX	SALISBURYI GUTTIFER	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	REOPHAX	PILULIFER	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	REOPHAX RHIZAMMINA	SCORPIURUS ALGAE FORMIS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	SACCAMMINA	SPHAERICA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	TEXTULARIA THALMANNAMMINA	TORQUATA Parkerae	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	TRIFARINA TRILOCULINA	FLUENS TRIHEORA	BERGEN O'NE IL 1979 BERGEN O'NE IL 1979
	GILLE OF ALASKA	TRACHAMMINA	GLOBIGERINIFORMIS	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA		ROTALIFORMIS PEREGRINA DIRUPTA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
				BERGEN O'NEIL 1979
59 30N 143 00W	GULF OF ALASKA GULF OF ALASKA	VALVULINERIA AMMODISCUS	GLABRA MINUTISSIMUS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	VALVULINERIA VALVULINERIA AMMODISCUS AMMOMARGINULINA BOLIVINA BOLIVINA	SANDIEGOENSIS	BERGEN O'NEIL 1979
	GULF OF ALASKA	BOLIVINA	PACIFICA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	BOLIVINA BUCCELLA	SPISSA FRIGIOA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
			BARBATA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	BULIMINA BULIMINA BULIMINA CASSIOULINA	INFLATA MEXICANA TENUATA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA		BARBARA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	CASSIDULINA CASSIDULINA	CUSHMANI LOMITENSIS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	CASSIDULINA	SUBCARINATA	BERGEN O'NEIL 1979
	GULF OF ALASKA	CIBICIDES	OOLINA FLETCHERI	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	CIBICIDES	MCKANNAI	BERGEN O'NEIL 1979
	GULF OF ALASKA	CIBICIDES CIBICIDES DENTALINA DOROTHIA	SPIRALIS BAGGI	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	DOROTHIA EGGERELLA	BRADY ANA Brady I	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	EGGERELLA	PUSILLA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	E PONIDES E PONIDES	LEVICULUS SUBTENERA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	EPONIDES	UMBONATUS	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	FRANCESIIA FURSENKOINA	A D VEN A SE M I N U D A	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA		AURICULATA PACIFICA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	GYROIDINA	ALTIFORMIS	BERGEN O'NEIL 1979
		GYROIDINA GYROIDINA	GE MMA IO	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	GYROIDINA GYROIDINA	LAMARCKIANA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	GYROIDINA HAPLOPHRAGMOIDES	ORBICULARIS PLANISSIMUM	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	HAPLOPHRAGMOIDES HYPERAMMINA	SC ITULUM ELONGATA	BERGEN O'NEIL 1979
	GULF OF ALASKA	ISLANDIELLA	CALIFORNICA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	ISLANDIELLA	NORCROSSI TRANSLUCENS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	ISLANDIELLA ISLANDIELLA KARRERIELLA LAGENA MARTINOTTIELLA NONIONELLA	PARKERAE	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	LAGENA MARTINOTTIELLA	ELONGATA OCCIDENTALIS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	NONIONELLA	AURICULA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	NONTONELLA	TURGIDA DIGITATA Labradorica	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	PELOSINA	OIDERA WUELLERSIORFI	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	PLANULINA PULLENIA	BUTFOIDEZ	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	PULLENIA PYRGO	SALISBURYI MURRHINA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	REOPHAX	GUTTIFER	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	REOPHAX RUPERTIA	SCORPIURUS STABILIS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	SACCAMMINA	SPHAERICA	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	S A C C O R H I Z A S P H A E R O I D I N A	RAMOSA BULLOIDES	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	SPIROPLECTAMMINA	BIFORMIS	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	TEXTULARIA TRIFARINA	TORQUATA Fluens	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	TRILOCULINA TROCHAMMINA	IRIHEDRA Globigeriniformis	BERGEN O'NEIL 1979
	GULF OF ALASKA	UVIGERINA	AUBERIANA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	UVIGERINA UVIGERINA	JUNCEA PEREGRINA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	UVIGERINA	PEREGRINA DIRUPTA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	UVIGERINA VALVULINERIA	PROBOSCIDEA ARAUCANA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	VALVUL INERIA	GL ABR A	BERGEN O'NE IL 1979

Lat. Long.	Locality	Generic Name	Specific Name	Publication
59 30N 145 20W			MINUTISSIMUS	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	AMMODISCUS ASTRONONION	PACIFICUS GALLOWAYI	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	BOLIVINA	DECUSSATA	BERGEN O'NE IL 1979
	GULF OF ALASKA	BOLIVINA	PACIFICA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	BOLIVINA	PACIFICA SPISSA FRIGIDA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	BULIMINA	BARBATA	BERGEN O'NEIL 1979
	GULF OF ALASKA	BULIMINA	INFLATA MEXICANA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	BUL IM I NA Bul im i na	INFLATA MEXICANA ROSTRATA SUBACUMINATA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	BULIMINA	TENUATA	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	CASSIDULINA	BARDARA	BERGEN O'NE IL 1979 BERGEN O'NE IL 1979
	GULF OF ALASKA		LOMITENSIS	BERGEN O'NEIL 1979
	GULF OF ALASKA	CASSIDULINA CHILOSTOMELLA	SUBGLOBOSA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	CHILOSTOMELLA	OOLINA	BERGEN O'NEIL 1979
	GULF OF ALASKA	CHILOSTOMELLINA CIBICIDES	FLETCHERI	BERGEN O'NE IL 1979 BERGEN O'NE IL 1979 BERGEN O'NE IL 1979 BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	CIRICIDES	MC KAN N A I A D V E N A	BERGEN O'NEIL 1979
	GULF OF ALASKA	E G G E R E L L A E G G E R E L L A	BRADYI	BERGEN O'NEIL 1979
	GULF OF ALASKA	EGGERELLA	HUMBOLOTI PUSILLA	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	FIPHIDIUM	FX CAVATUM	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	ELPHIDIUM	EX CAVATUM FRIGIOUM	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	EPISTOMINELLA	PACIFICA VITREA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	EPISTOMINELLA EPONIDES	HEALDI	BERGEN O'NEIL 1979
	GULF OF ALASKA	EPONIDES	LEVICULUS	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA		S U B T E N E R A UM B O N A T U S	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA			BERGEN O'NE IL 1979
	GULF OF ALASKA		LUCIDA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	FURSENKOINA FURSENKOINA		BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	FURSENKOINA	LOEBLICHI SEMINUDA AURICULATA PACIFICA ALTIFORMIS	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	GLOBOBULIMINA GLOBOBULIMINA	AURICULATA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	GYROIDINA	ALTIFORMIS	BERGEN O'NEIL 1979
	GULF OF ALASKA	GYROIDINA	GEMMA	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	GYROIDINA HAPLOPHRAGMOIDES	IO PLANISSIMUM	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	HAPLOPHRAGMOIDES HAPLOPHRAGMOIDES	SCITULUM	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	TO ANOTOLIA		BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA		NORCROSSI	BERGEN O'NEIL 1979
•	GULF OF ALASKA	ISLANDIELLA	TRANSLUCENS	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	LAGENA	EL ONG ATA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	LAGENA	MOLLIS	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	NONIONELLA NONIONELLA	AURICULA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	NONIONELLINA	LABRADORICA	BERGEN O'NE IL 1979
	GULF OF ALASKA	PULLENIA	BULLOIDES	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	PULLENIA RECURVOIDES	SALISBURYI TURBINATUS GUTTIFER PILIII IEER	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	REOPHAX	GUTTIFER	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA		PILULIFER SCORPIURUS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	RH1Z AMMINA	AL GAE FORMIS	BERGEN O'NEIL 1979
	GULF OF ALASKA		RAMOSA	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	SPIROPLECTAMMINA TEXTULARIA	TORQUATA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	TRIFARINA	FLUENS	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA		TRIHEDRA GLOBIGERINIFORMIS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	TROCHAMMINA	INFLATA	BERGEN O'NE IL 1979
	GULF OF ALASKA	UVIGERINA	AU BER I ANA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	UVIGERINA UVIGERINA	PEREGRINA PEREGRINA DIRUPTA	BERGEN O'NEIL 1979
	GULF OF ALASKA		PEREGRINA DIRUPTA PROBOSCIDEA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	VALVULINERIA VALVULINERIA	AR AUC ANA GLABRA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
59 30N 145 40W	GULF OF ALASKA	ADERCOTRYMA	GL OMERATA	BERGEN O'NEIL 1979
	GULF OF ALASKA	ASTRONONION	GALLOWAY I ALATA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	BOLIVINA BOLIVINA	BARBATA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	BOLIVINA	DECUSSATA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	BOLIVINA BOLIVINA	PACIFICA PUNCTATA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	BOLIVINA	SPISSA	BERGEN O'NEIL 1979
	GULF OF ALASKA		FRIGIDA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	BULIMINA BULIMINA	INFLATA MEXICANA Subacuminata	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	BULIMINA	TENUATA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	BULIMINELLA CASSIDULINA	ELEGANTISSIMA BARBARA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	CASSIDULINA	CUSHMANI	BERGEN O'NEIL 1979
	GULF OF ALASKA	CASSIDULINA	SUBGL 080 S A	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	CHILOSTOMELLA CIBICIDES	OOLINA FLETCHERI	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	CIBICIDES	LOBATULUS	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	C 1 B I C I DE S DENTAL INA	MCKANNAI BAGGI	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979

Lat.	Long.	Locality	Generic Name	Specific Name  HUMBOLDTI NITIDA BARTLETTI EXCAVATUM FRIGIOUM EXIGUA PACIFICA VITREA HEALDI LEVICULUS SUBTEMERA UMBONATUS CUCURBITASEMA LUCIDA ADVENA LOEBLICHI AURICULATA PACIFICA GEMMA 10 CALIFORNICA HELENAE LIMBATA NORCROSSI TRAMSLUCENS BACCATA PARKERAE APIOPLEURA ELONGATA GRACILIS SEMILIMEATA SPICATA STRIATA AURICULA STELLA TURGIDA DIGITATA LABRABORTICA BOREALIS LINEATA STRIATOPUNCTATA CORRUGATA GRACILIS ENGREALIS LINEATA STRIATOPUNCTATA CORRUGATA GRACILIS ENGREALIS LINEATA STRIATOPUNCTATA CORRUGATA GRACILIS LORGICA BOREALIS LINEATA STRIATOPUNCTATA CORRUGATA GRACILIS LORGICA BOREALIS LINEATA STRIATOPUNCTATA CORRUGATA GRACILIS LORGICA BOREALIS LINEATA STRIATOPUNCTATA CORRUGATA GRACILIS LINEATA SALISBURYI SP. STALKERI BIFORMIS FLUENS TRIHEDRA GLOBIGERINIFORMIS ROTALIFORMIS AUBACUMINATA LENDARA GLABRA MINUTISSIMUS ALATA DECUSSATA PACIFICA SPISSA BABBATA INFLATA MINUTISSIMUS ALATA CUSHMANI SUBCARINATA SUBCUMINATA TENDATA BARBATA INFLATA MINUTISSIMUS ALATA DECUSSATA PACIFICA VITREA HEALDI LEVICULUS SUBIERRA LUCIULUS SUBIERRA LUCIOLU NORCROSSI STELLA	Publication
59 30N	145 40W	GULF OF ALASKA	EGGERELLA	HUMBOLDTI	BERGEN O'NEIL 1979
		GULF OF ALASKA	ELPHIDIELLA	NI T-JD A	BERGEN O'NEIL 1979
		GULF OF ALASKA	ELPHIDIUM	BARILEI (I FXCAVATIIM	BERGEN O'NE IL 1979
		GULF OF ALASKA	ELPHIDIUM	FRIGIDUM	BERGEN O'NE IL 1979
		GULF OF ALASKA	EPISTOMINELLA	EXIGUA	BERGEN O'NEIL 1979
		GULF OF ALASKA	EPISTOMINELLA	VITREA	BERGEN O'NE IL 1979
		GULF OF ALASKA	EPONIDES	HE ALD I	BERGEN O'NEIL 1979
		GULF OF ALASKA	EPONIDES EPONIDES	LEVICULUS	BERGEN O'NEIL 1979
		GULF OF ALASKA	EPONIDES	UM BON A TU S	BERGEN O'NE IL 1979
		GULF OF ALASKA	FISSURINA	CUCURBITASEMA	BERGEN O'NEIL 1979
		GULF OF ALASKA	FISSURINA	LUCIDA	BERGEN O'NEIL 1979
		GULF OF ALASKA	FURSENKOINA	LOEBLICHI	BERGEN O'NE IL 1979
		GULF OF ALASKA	GL OB OB UL I MI NA	AURICULATA	BERGEN O'NEIL 1979
		GULF OF ALASKA	GLOBOBULIMINA GYROIDINA	PACIFICA GEMMA	BERGEN O'NEIL 1979
		GULF OF ALASKA	GYROIOINA	10	BERGEN O'NEIL 1979
		GULF OF ALASKA	ISLANDIELLA	CALIFORNICA	BERGEN O'NEIL 1979
		GULF OF ALASKA	ISLANDIELLA	LIMBATA	BERGEN O'NEIL 1979
		GULF OF ALASKA	ISLANDIELLA	NORCROSS I	BERGEN O'NEIL 1979
		GULF OF ALASKA	ISLANDIELLA	TRANSLUCENS	BERGEN O'NEIL 1979
		GULF OF ALASKA	KARRERIELLA	PARKERAE	BERGEN O'NE IL 1979
		GULF OF ALASKA	LAGENA	APIOPLEURA	BERGEN O'NEIL 1979
		GULF OF ALASKA	LAGENA	ELONGATA GRACTITS	BERGEN O'NEIL 1979
		GULF OF ALASKA	LAGENA	LAEVIS	BERGEN O'NEIL 1979
		GULF OF ALASKA	LAGENA	SEMIL I NE ATA	BERGEN O'NEIL 1979
		GULF OF ALASKA	LAGENA	SPICATA STRIATA	BERGEN O'NEIL 1979
		GULF OF ALASKA	NONIONELLA	AURICULA	BERGEN O'NE IL 1979
		GULF OF ALASKA	NON1ONELLA	STELLA	BERGEN O'NEIL 1979
		GULF OF ALASKA	NONIONELLA	I ARRADORICA	BERGEN O'NEIL 1979
		GULF OF ALASKA	OOLINA	BOREALIS	BERGEN O'NEIL 1979
		GULF OF ALASKA	OOLINA	BOREALIS	BERGEN O'NE IL 1979
		GULF OF ALASKA	OOLINA	STRIATOPUNCTATA	BERGEN O'NE IL 1979
		GULF OF ALASKA	PATELLINA	CORRUGATA	BERGEN O'NEIL 1979
		GULF OF ALASKA	PULLENIA	SALISBURYI	BERGEN O'NEIL 1979
		GULF OF ALASKA	QUINQUELOCULINA	STALKERI	BERGEN O'NE IL 1979
		GULF OF ALASKA	SPIROPLECTAMMINA	B1 FORMIS	BERGEN O'NE IL 1979
		GULF OF ALASKA	TRILOCULINA	TRIHEDRA	BERGEN O'NEIL 1979
		GULF OF ALASKA	TROCHAMMINA	GLOBIGERINIFORMIS	BERGEN O'NEIL 1979
		GULF OF ALASKA	TROCHAMMINA	ROTALIFORMIS	BERGEN O'NE IL 1979
		GULF OF ALASKA	UVIGERINA	JUNCEA	BERGEN O'NE IL 1979
		GULF OF ALASKA	UVIGERINA	PEREGRINA	BERGEN O'NEIL 1979
		GULF OF ALASKA	UVIGERINA VALVIII INFRIA	ARAUCANA	BERGEN O'NEIL 1979
		GULF OF ALASKA	VALVULINERIA	GL ABR A	BERGEN O'NEIL 1979
59 30N	145 45W	GULF OF ALASKA	AMMODISCUS	MINUTISSIMUS	BERGEN O'NEIL 1979
		GULF OF ALASKA	BOLIVINA	DECUSSATA	BERGEN O'NEIL 1979
		GULF OF ALASKA	BOLIVINA	PACIFICA	BERGEN O'NEIL 1979
		GULF OF ALASKA	BULIVINA BULIMINA	SPISSA	BERGEN O'NEIL 1979
		GULF OF ALASKA	BULIMINA	INFLATA MEXICANA	BERGEN O'NEIL 1979
		GULF OF ALASKA	BULIMINA	SUBACUMINATA	BERGEN O'NE IL 1979
		GULF OF ALASKA	CASSIDULINA	H A R B A R A	BERGEN O'NEIL 1979
		GULF OF ALASKA	CASSIOULINA	CUSHMANI	BERGEN O'NEIL 1979
		GULF OF ALASKA	CASSIDULINA	SUBCARINATA	BERGEN O'NEIL 1979
		GULF OF ALASKA	CIBICIOES	FLETCHERI	BERGEN O'NEIL 1979
		GULF OF ALASKA	EPISTOMINELLA	PACIFICA	BERGEN O'NE IL 1979
		GULF OF ALASKA	EPISTOMINELLA EPONINES	VITREA	BERGEN O'NE IL 1979
		GULF OF ALASKA	EPONIDES	LEVICULUS	BERGEN O'NEIL 1979
		GULF OF ALASKA	EPONIDES	SUBTENERA	BERGEN O'NEIL 1979
		GULF OF ALASKA GULF OF ALASKA	FISSURINA GLOBOBULIMINA	LUCIOA PACIFICA	BERGEN O'NE IL 1979 BERGEN O'NE IL 1979
		GULF OF ALASKA	HAPL OP HRAGMOIDES	SCITULUM	BERGEN O'NE IL 1979
		GULF OF ALASKA	ISLANDIELLA	NORCROSS I	BERGEN O'NE IL 1979
		GULF OF ALASKA GULF OF ALASKA	NON1ONELLA SPIROPLECTAMMINA	STELLA BIFORMIS	BERGEN O'NE IL 1979 BERGEN O'NE IL 1979
		GULF OF ALASKA	TEXTULARIA	TORQUATA	BERGEN O'NEIL 1979
		GULF OF ALASKA GULF OF ALASKA	THALMANNAMMINA	PARKERAE FLUENS	BERGEN O'NE IL 1979
		GULF OF ALASKA	TRIFARINA TRILOCULINA	TRIHEDRA	BERGEN O'NE IL 1979 BERGEN O'NE IL 1979
		GULF OF ALASKA	UVIGERINA	PEREGRINA	BERGEN O'NEIL 1979
		GULF OF ALASKA GULF OF ALASKA	UVIGERINA VALVULINERIA	PEREGRINA DIRUPTA ARAUCANA	BERGEN O'NE IL 1979
		GULF OF ALASKA	VALVULINERIA	GL ABR A	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
59 32N	142 36W	GULF OF ALASKA	AMMOBA CUL ITES	ARENARIUS	TOOD LOW 1967
		GULF OF ALASKA GULF OF ALASKA	AMMODISCUS AMMODISCUS	ARENACEUS GULLMARENSIS	TODD LOW 1967 TODD LOW 1967
		GULF OF ALASKA	AMPHICORYNA	SCALARIS	TODD LOW 1967
		GULF OF ALASKA	ASTACOLUS	OCCIDENTALIS	TODO LOW 1967

#### Lat. Long. Locality

59 32N 142 36W

Generic Name Specific Name Publication GULF OF ALASKA ASTACOLUS PLANULATUS TODD LOW 1967 ASTRONONION TODD LOW 1967 GALLOWAYI GULF OF ALASKA TODD LOW 1967 BILOCULINELLA GLOBULA GULF OF ALASKA BOLIVINA DECUSSATA TODD LOW 1967 GULF OF ALASKA 1967 TODD LOW BOLIVINA OCEANICA GULF OF ALASKA BOLIVINA PACIFICA TODD LOW 1967 GULF OF ALASKA AUL IMI NA SUBFUSIFORMIS WO I GGOT 1967 GULF OF ALASKA CASSIDULINA SUBGL OBOSA TODD LOW GULF OF ALASKA CIBICIDES TOOD LOW 1967 LOBATULUS GULF 1967 OF ALASKA CRIBROSTOMOIDES TODD LOW CRASSIMARGO 1967 GULF OF CRIBROSTOMOIDES JEFFREYSII TODD LOW GULF OF ALASKA CRIBROSTOMOIDES VELERONIS TODD 10W 1967 1967 GULF 0 F ALASKA CRUCILOCULINA TR IANGULARIS TODO LOW INVOLVENS GULF OF ALASKA CYCLOGYRA TODD LOW 1967 DENDROPHYRA GULF OF ALASKA ARBORESCENS TODD LOW 1967 GULF OF ALASKA DENTALINA TODD LOW BAGGI GULF OF ALASKA DENTALINA DECEPTA TODD LOW 1967 1967 GULF OF ALASKA DENTAL INA SHASOL HTA TODD LOW GULF OF ALASKA TODD LOW 1967 DOROTHIA BRADYANA GULF OF ALASKA 1967 **EHPENREPGINA** COMPRESSA TODD LOW GULF OF ELPHIDIUM 1967 ALASKA EXCAVATUM TODD LOW GULF OF ALASKA ELPHIDIUM FR 1GI DUM TODD LOW 1967 GULF OF 1967 ALASKA TODD LOW **FPISTOMINFLIA** PACIFICA EPISTOMINELLA GULF OF ALASKA TODD LOW 1967 AGASS 171 GULF OF ALASKA 1967 FISSURINA TODD LOW 1967 GULF OF ALASKA FISSUR INA CUCURBITASEMA TODD LOW LUCIDA GULF OF ALASKA FISSURINA TODD LOW 1967 GULF OF ALASKA 19 67 FRONDICULARIA TODD LOW GIGAS GULF OF ALASKA GAUDRYINA ARENARIA TODD LOW 1967 GULF OF ALASKA GLABRATELLA WRIGHT!! TODO LOW 1967 GULF OF ALASKA GLOBOBULIMINA AURICULATA TODD LOW GULF OF ALASKA GOESELLA FI INT I I TODD LOW 1967 1967 GULF OF ALASKA **GUTTUL INA** OR IENT AL IS TODD LOW GULF OF ALASKA HAPLOPHRAGMOI DES PLANISSIMUM TODD LOW 1967 GULF OF ALASKA HAPL OPHRAGMOIDES SCITHIUM TODD 10W 1967 SPHAER ILOCULUS HAPLOPHRAGMOI DES GULF OF ALASKA TODD LOW GULF OF ALASKA HYPERAMMINA EL ONG AT A TODO LOW 1967 CALIFORNICA GULF OF ALASKA TODD LDW 1967 I SLAND I ELLA GULF OF ALASKA TODD LOW 1967 ISLANDIELLA GULF OF ALASKA ISLANDIELLA LIMBATA TODD LOW 1967 GULF OF ALASKA NORCROSSI TODD LOW 1967 I SLAND I ELLA GULF OF ALASKA ISLANDIELLA TORTUOSA TODD LOW 1967 1967 GULF OF ALASKA KARRERIELLA BACCATA TODD LOW GULF OF ALASKA LAGENA AMPHORA TODD LOW 1967 GULF OF ALASKA LAGENA APTOPI FURA TODD LOW 1967 GULF OF ALASKA LAGENA DISTOMA TODD LOW GULF OF ALASKA LAGENA ELONGATA TODD LOW 1967 GULF OF ALASKA LAGENA HISPI DULA TODD LOW 1967 GULF OF ALASKA LAGENA LAEVIS TODD LOW MERIDIONALIS GULF OF ALASKA LAGENA TODD LOW 1967 1967 GULF OF ALASKA LAGENA PLIQUENICA TODO LOW GULF OF ALASKA LAGENA STRIATA TODD LOW 1967 NICOBARENSIS GULF OF ALASKA LENTICULINA TODD LOW 1967 GULF OF ALASKA MARGINULINA BACHEII TODD LOW GULF OF ALASKA MARGINULINA MARTINOTTIELLA GLABRA TODD LOW 1967 GULF OF PRIMAEVA 1967 ALASKA TODD LOW GULF OF ALASKA NONIONELLA AUR I CULA TODD LOW 1967 T000 LOW 1967 GULF OF ALASKA NONIONELLA STELLA TURGIDA 1967 GULF OF ALASKA NONIONELLA TODD LOW TURGIDA DIGITATA GULF OF ALASKA NONIONELLA TODD LOW 1967 LABRADORICA 1967 NONIONELLINA GULF OF ALASKA TODD LOW GULF OF ALASKA OOLINA HEXAGONA TODD LOW 1967 GULF OF ALASKA COLINA LAEVIGATA TODD LOW 1967 GULF OF ALASKA OOLINA LINEATOPUNCTATA TODO LOW 19 67 GULF OF ALASKA OOL INA MELO TODD LOW 1967 STRIATOPUNCTATA 1967 GULF OF ALASKA OOL INA TODD LOW WILLIAMSONI TODD LOW 1967 GULF OF ALASKA COLINA GULF OF ALASKA PELOSINA VARIABILIS TODD LOW 19 67 KINCAIDI TODD LOW GULF OF ALASKA POLYMORPHINA 1967 GULF OF ALASKA PSAMMOSPHAFRA FUSCA TODD LOW 1967 1967 RADICULA GULF OF ALASKA P S E U D O N O D O S AR I A TODO LOW 1967 CHARLOTTENSIS TODO LOW GULF OF ALASKA **PSEUDOPOLYMORPHINA** GULF OF ALASKA PULLENIA SALISBURYI TODD LOW 19 67 GULF OF ALASKA PYRGO A B Y S S O R U M TODO LOW 19 67 GULF OF ALASKA PYRGO DEPRESSA TODD LOW 19 67 19 67 LUCERNULA GULF OF ALASKA PYRGO TODD LOW GULF OF ALASKA PYRGO VESPERTILIO TODO LOW 1967 GULF OF ALASKA PYRGOFILA SPHAFRA TODD LOW 1967 QUINQUELOCULINA AGGLUT INATA LOW 1967 TODD GULF OF ALASKA GULF OF ALASKA QUINGUELOCULINA AKNER LANA TODD LOW 1967 GULF OF ALASKA QUINQUELOCULINA SEMINULA TODD LOW 1967 GULF OF ALASKA RECTOBOLIVINA TODD LOW 1967 GULF OF ALASKA RECURVOIDES CONTORTUS TODD LOW 1967 1967 GULF OF ALASKA REOPHAX INSECTUS TODD LOW GULF OF ALASKA REOPHAX SC ORP I URUS TODD LOW 1967 ARYSSORUM GULF OF ALASKA RHARDAMMINA TODD 10W 1967 GULF OF ALASKA RHIZAMMINA INDIVISA TODD LOW GULF OF ALASKA GULF OF ALASKA ROSALINA I S ABE L LE ANA TOOD LOW 1967 TODO LOW 1967 RUPERTIA STABILIS GULF OF ALASKA SACCAMMINA ATLANTICA TODO LOW 1967 GULF OF ALASKA SACCORHIZA SIGMOMORPHINA RAMOSA TODD 10W 1967 TRILOCULARIS GULF OF ALASKA TODO LOW 1967 GULF OF ALASKA SPIROSIGMOILINA DISTORTA TODO LOW 1967 GULF OF ALASKA TRIFARINA FLUENS TODO LOW 1967 GULF OF ALASKA TRILOCULINA TODD LOW 1967

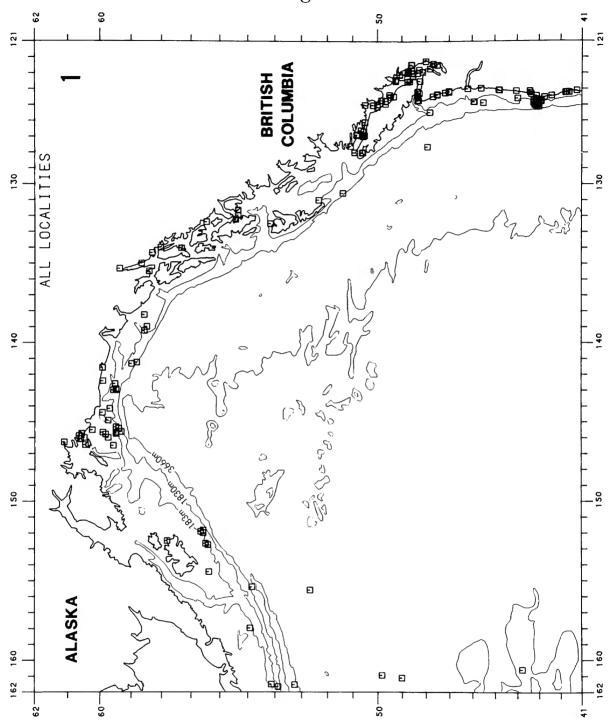
Lat. Long.	Locality	Generic Name	ADVENA ROTACLIFORMIS PEREGRINA MINUTISSIMUS GALLOMAYI ALATA DECUSSATA PACIFICA FRIGIDA INUSITATA TENUATA BARBARA GELICATA FLETCHERI LOBATULUS MCKANNAI JEFFREYSII ARBORESCENS EXCAVATUM PACIFICA VITREA LEVICULUS LUCIDA ADVENA ARENARIA AURICULATA SCITULUM CALIFORNICA MORCROSSI TRANSLUCENS BACCATA PARKERAE ELONGATA PARKERAE ELONGATA PARKERAE ELONGATA PARKERAE FLUENS JUNCEA STRIATOPUNCTATA FUSILIFORMIS SALISBURYI STALKERI DISTORTA FUSILIFORMIS SALISBURYI SALISBURY	Publication
59 32N 142 36W	GULF OF ALASKA	TROCHAMMINA	A D V EN A	TODO LOW 1967
	GULF OF ALASKA GULF OF ALASKA	TROCHAMMINA	ROTALIFORMIS	TODD LOW 1967
59 35N 143 00W	GULF OF ALASKA	AMMODISCUS	MINUTISSIMUS	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	ASTRONONION	GALLOWAYI	BERGEN O'NEIL 1979
	GULF OF ALASKA	BOLIVINA	DE CUS SATA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	BOLIVINA	PACIFICA	BERGEN O'NEIL 1979
	GULF OF ALASKA	BUCCELLA	INUSITATA	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	BULIMINA	TENUATA	BERGEN O'NE IL 1979
	GULF OF ALASKA	CASSIDULINA	OELICATA	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	CIBICIDES	FLETCHERI	BERGEN O'NEIL 1979
	GULF OF ALASKA	CIBICIDES	MCKANNAI	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	C RIBROSTOMO ID ES	JE FFREYSII	BERGEN O'NEIL 1979
	GULF OF ALASKA	ELPHIDIUM	EXCAVATUM	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	EPISTOMINELLA EPISTOMINELLA	PACIFICA VITREA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	EPONIOES	LEVICULUS	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	FISSURINA FRANCESITA	LUCIDA ADVENA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	GAUDRY INA	ARENARIA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	GLOBOBULIMINA HAPLOPHRAGMOINES	AURICULATA Scitulion	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	ISLANDIELLA	CALIFORNICA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	I SLANDIELLA I SLANDIELLA	NORCROSSI TRANSLUCENS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	KARRERIELLA	BACCATA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	KARRERIELLA LAGENA	PARKERAE FLONGATA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	LAGENA	PARRI	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	L AGENA L AGENA	SPICATA STRIATA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	MARTINOTTIELLA	PRIMAEVA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	NONIONELLA NONIONELLA	AURICULA Stella	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	NONIONELLA	TURGIDA DIGITATA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	NONIONELLINA OOLINA	LA BRADORICA HEXAGONA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	OOLINA	STRIATOPUNCTATA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	PARAFISSURINA PULLENIA	FUSILIFORMIS SALISBURYI	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	QUINQUELOCULINA	STALKERI	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	SPIROSIGMOILINA THALMANNAMMINA	DISTORTA PARKERAE	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	TRIFARINA	FLUENS	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	UVIGERINA	PEREGRINA	BERGEN O'NEIL 1979
59 35N 146 30W	GULF OF ALASKA	ASTRONONION	GALLOWAYI	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	CIBICIDES	LOBATULUS	BERGEN O'NEIL 1979
	GULF OF ALASKA	DYOCIBICIDES	BISERIALIS	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	ELPHIDIUM	HUGHESI	BERGEN O'NEIL 1979
	GULF OF ALASKA	EPISTOMINELLA	PACIFICA	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	EPONIDES	REPANDUS	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	GAUDRYINA	ARENARIA	BERGEN O'NEIL 1979
	GULF OF ALASKA	GLABRATELLA	ORNATISSIMA	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	ISLANDIELLA	CALIFORNICA	BERGEN O'NE IL 1979
	GULF OF ALASKA	I SLAND IELLA	NORCROSSI	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	ISLANDIELLA	TORTUOSA	BERGEN O'NEIL 1979
	GULF OF ALASKA	OOLINA	BOREALIS	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	OOL INA	HE XAGONA	BERGEN O'NEIL 1979
	GULF OF ALASKA	PULLENIA	SALISBURYI	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	QUINQUELO CULINA	AGGLUTINATA ARCTICA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	QUINQUELOCULINA	SEMINULA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	QUINQUELOCULINA ROBERTINO IO ES	SP. Charlottensis	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
59 42N 144 10W	GULF OF ALASKA	ADERCOTRYMA	GL OME RATA	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	ASTACOLUS ASTRONONION	HYALACRULUS GALLOWAYI	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	BOLIVINA	DECUSSATA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	BUCCELLA BULIMINELLA	FRIGIDA ELEGANTISSIMA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	CASSIDULINA	BARBARA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	CIBICIOES	FLETCHERI LOBATULUS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	CIBICIDES	M C K ANN A I	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	OENTALINA DYOCIBICIDES	BAGGI BISERIALIS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	ELPHIDIUM	BARTLETTI	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	ELPHIDIUM Elphidium	EXCAVATUM FRIGIDUM	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	ELPHIDIUM	HU GHE S I	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	EPISTOMINELLA EPISTOMINELLA	PACIFICA VITREA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979

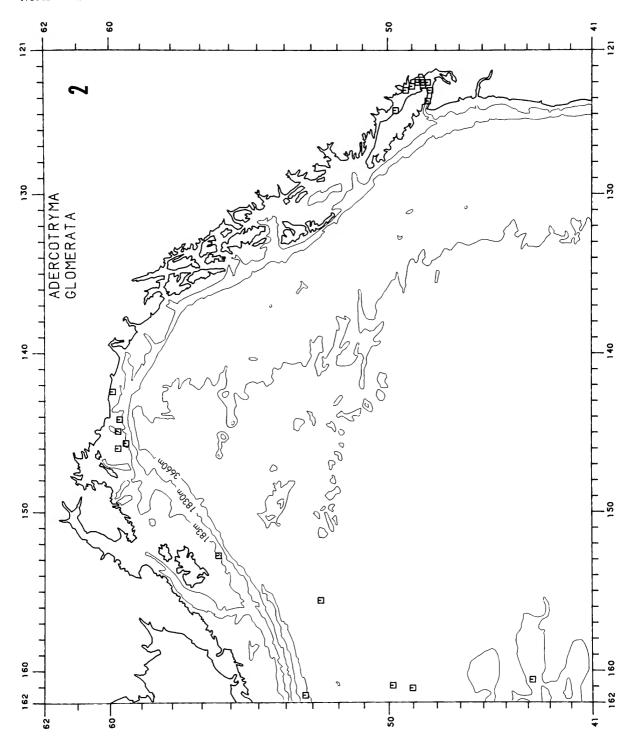
Lat. Long.	Locality	Generic Name	Specific Name	Publication
59 42N 144 10W			LEVICULUS	BERGEN D'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	EPONIDES FISSURINA	REPANDUS LUCIDA	BERGEN O'NE IL 1979 BERGEN O'NE IL 1979
	GULF OF ALASKA		LUCIDA	BERGEN O'NE IL 1979
	GULF OF ALASKA			BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	FISSURINA GLABRATELLA GLOBOBULIMINA HAPLOPHRAGMOIDES	ORNATISSIMA	BERGEN O'NE IL 1979 BERGEN O'NE IL 1979
		HAPLOPHRAGMOIDES	SCITULUM	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	I SLAND I ELLA		BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	I SLAND I ELLA I SLAND I ELLA	LIMBATA NORCROSSI	BERGEN O'NEIL 1979
	GULF OF ALASKA		TORTUOSA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	L AGENA	BACCATA APIOPLEURA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	LAGENA	E L ONG A T A	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA		GRACILIS LAEVIS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	LAGENA	SEMILINEATA	BERGEN O'NEIL 1979
				BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA		HYALASCIDIA	BERGEN D'NEIL 1979
			AURICULA	BERGEN D'NE IL 1979
	GULF OF ALASKA	NONTONELLA	STELLA TURGIDA DIGITATA	BERGEN O'NE IL 1979 BERGEN O'NE IL 1979
	GULF OF ALASKA	NONIONELLINA	LABRADORICA	BERGEN O'NE IL 1979
		OOLINA OOLINA	HE XAGONA STRIATOPUNCTATA	BERGEN O'NE IL 1979 BERGEN O'NE IL 1979
	GULF OF ALASKA	PSEUDO POLYMOR PHINA PULLENIA	CHARLOTTENSIS	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	PULLENIA PYRGO	SALISBURYI MURRHINA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	OUINGUELOCULINA	SP.	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	OUINQUELOCULINA REOPHAX	STALKERI SCORPIURUS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
		0.000.07.140.1000	212010177701010	BERGEN D'NEIL 1979
		SIGMOMORPHINA	CHARGOLIENZIZ	BERGEN O'NE IL 1979
		IKIFAKINA	FLUENS ROTALIFORMIS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	LIVIGERINA	JUNCEA	BERGEN O'NEIL 1979
59 45N 144 55W		A D E R C O T R Y M A A M M O D I S C U S	GLOMERATA MINUTISSIMUS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	ASTRONONION	GALLOWAYI	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	BOLIVINA	DE CUS SATA PACIFICA	BERGEN O'NE IL 1979 BERGEN O'NE IL 1979
	GULF OF ALASKA	BUCCELLA	FRIGIDA	BERGEN O'NEIL 1979
	GULF OF ALASKA	BULIMINELLA	EL EGANTISSIMA	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	CASSIDULINA CASSIDULINA	BARBARA DELICATA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	CIBICIDES	FLETCHERI	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA		LO BATULUS MC KANNA I	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	CRIBROSTOMO IDES CRIBROSTOMO IDES		BERGEN O'NEIL 1979
			JEFFREYSII ADVENA	BERGEN O'NE IL 1979 BERGEN O'NE IL 1979
	GULF OF ALASKA	ELPHIDIELLA	NITIDA	BERGEN O'NEIL 1979
			BARTLETT! EXCAVATUM	BERGEN D'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	ELPHIDIUM	FRIGIDUM	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	ELPHIDIUM EPISTOMINELLA	HUGHESI PACIFICA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	EPISTOMINELLA	PACIFICA	BERGEN D'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	EPISTOMINELLA EPONIDES	VITREA LEVICULUS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	FISSURINA	AGASSIZI	BERGEN D'NEIL 1979
	GULF OF ALASKA	FISSURINA FISSURINA	LUCIDA	BERGEN O'NE IL 1979
			MARGINATA AURICULATA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
		GLOBOBULIMINA GLOBOBULIMINA		BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
		HAPLOPHRAGMOIDES ISLANDIELLA	CALIFORNICA	BERGEN O'NEIL 1979
			HELENAE	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	I SLANDIELLA I SLANDIELLA	LIMBATA NORCROSSI	BERGEN O'NEIL 1979 BERGEN D'NEIL 1979
	GULF OF ALASKA	KARRERIELLA	BACCATA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	L A G E N A L A G E N A	APIOPLEURA LAEVIS	BERGEN D'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	LAGENA	MERIDIONALIS	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	L A G E N A L A G E N A	PARRI SEMILINEATA	BERGEN D'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	LAGENA	SPICATA	BERGEN O'NEIL 1979
	GULF OF ALASKA	LAGENA	STRIATA	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA		AURICULA Stella	BERGEN O'NE IL 1979 BERGEN O'NE IL 1979
	GULF OF ALASKA	NONIONELLA	TURGIDA DIGITATA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	NDNIONELLINA OOLINA	LA BRA DORICA BO REALIS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	OOLINA	STRIATOPUNCTATA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	PULLENIA QUINQUELOCULINA		BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	REOPHAX	SCORPIURUS	BERGEN O'NEIL 1979
	GULF OF ALASKA	SPIROPLE CTAMMINA		BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	T HALMANNAMMINA TRIFARINA	FL UENS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	TROCHAMMINA	ADVENA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	TROCHAMMINA TROCHAMMINA	INFLATA ROTALIFORMIS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979

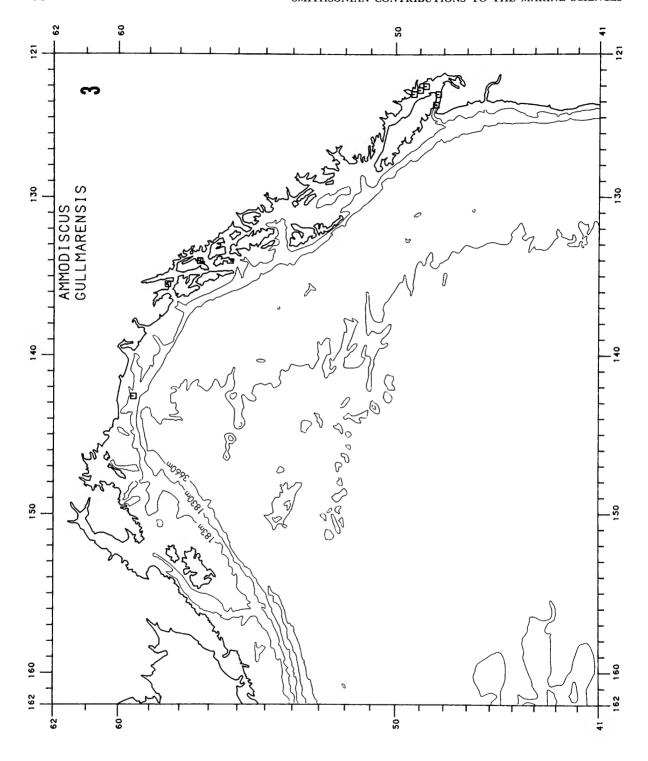
Lat. Long.	Locality	Generic Name	Specific Name	Publication
59 45N 144 55W	GULF OF ALASKA	UVIGERINA  UVIGERINA ADERCOTRYMA ASTRONONION BUCCELLA ELPHIDIUM ELPHIDIUM ELPHIDIUM EPISTOMINELLA EPONIDES FISSURINA ISLANDIELLA ISLANDIELLA ISLANDIELLA ISLANDIELLA ISLANDIELLA ISLANDIELLA ISLANDIELLA ISLANDIELLA USLANDIELLA ELPHIDIUM ELPHIDIUM EPISTOMINELLA EUPHIDIUM EPISTOMINELLA ELPHIDIUM EPISTOMINELLA ISLANDIELLA ISLANDIELLA ISLANDIELLA ELPHIDIUM EPISTOMINELLA ELPHIDIUM EPISTOMINELLA ISLANDIELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA EPISTOMINELLA ELPHIDIELLA ELPHIDIELLA ELPHIDIELLA ELPHIDIELLA ELPHIDIELLA ELPHIDIELLA ELPHIDIELLA ELPHIDIELLA ELPHIDIELLA EPISTOMINELLA ELPHIDIUM ELPHIDI	JUNCEA	BERGEN O'NEIL 1979
	GULF OF ALASKA	UVIGERINA	PEREGRINA	BERGEN O'NE IL 1979
59 45N 146 00W	GULF OF ALASKA GULF OF ALASKA	ADEREOTRYMA	GL OME RATA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	BUCCELLA	FRIGIDA	BERGEN O'NEIL 1979
	GULF OF ALASKA	ELPHIDIUM	E X CAV A TUM	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	ELPHIDIUM EPISTOMINELLA	HUGHESI	BERGEN D'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	EPISTOMINELLA	VITREA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	EPONIDES	LEVICULUS	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	ISLANDIELLA	CALIFORNICA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	ISLANDIELLA	LIMBATA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	LAGENA	SEMILINEATA	BERGEN O'NEIL 1979
	GULF OF ALASKA	NONIONELLA	STELLA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	NONIONELLINA THALMANNAMMINA	LA BRA DOR I CA PARKERAE	BERGEN O'NEIL 1979
	GULF OF ALASKA	TRIFARINA	FLUENS	BERGEN O'NEIL 1979
59 50N 145 47W	GULF OF ALASKA GULF OF ALASKA	UVIGERINA	JUNCE A ERICIDA	BERGEN D'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	BULIMINELLA	ELEGANTISSIMA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	EGGERELLA	AD VEN A	DERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	ELPHIDIUM	FRIGIDUM	BERGEN O'NEIL 1979
	GULF OF ALASKA	EPISTOMINELLA	PACIFICA	BERGEN O'NEIL 1979 BERGEN D'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	ISLANDIELLA	NORCROSSI	BERGEN O'NEIL 1979
	GULF OF ALASKA	NONIONELLA	STELLA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	NDNIONELLINA DVIGERINA	LABRADORICA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
59 55N 142 25W	GULF OF ALASKA	ADERCOTRYMA	GL OMERATA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	A MP H I E CR Y NA	SCALARIS	BERGEN O'NEIL 1979 BERGEN D'NEIL 1979
	GULF OF ALASKA	BUCCELLA	FRIGIDA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	BULIMINELLA	FRIGIDA ELEGANTISSIMA BARDARA	BERGEN O'NE IL 1979 BERGEN O'NE IL 1979
	GULF OF ALASKA	CIBICIDES	FLETCHERI	BERGEN O'NEIL 1979
	GULF OF ALASKA	CIBICIDES	LOBATULUS	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	CRIBROSTOMOIDES	CRASSIMARGO LEFFREYSII	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	EGGERELLA	AD V EN A	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	ELPHIDIELLA FLPHIDIUM	NITIDA Excavatum	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	ELPHIDIUM	FRIGIDUM	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	EPISTOMINELLA	PACIFICA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	EPONIDES	FEALCATA	BERGEN O'NEIL 1979
	GULF OF ALASKA	FISSURINA GLOBOBULIMINA GLOBOBULIMINA HAPLOPHRAGMOIDES	LUCIDA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	GLOBOBUL 1 MI NA	PACIFICA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF UF ALASKA	HAPLOPHKAGMOIDES	SCITULUM	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	I SLANDIELLA I SLANDIELLA	HELENAE	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	ISLANDIELLA	LIMBATA NORCROSSI BACCATA	BERGEN O'NE IL 1979
	COLF OF ALACKA	VACCEDIELLA	NORCROSSI BACCATA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	LAGENA	LA EVIS PARRI	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	LAGENA	PARRI Semilineata	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	LAGENA	STRIATA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	NONIONELLA	AURICULA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	NONIONELLA	STELLA	OFFICEN ATMEN 1070
	GULF OF ALASKA	NONIONELLA	TURGIDA DIGITATA LABRADORICA	BERGEN O'NE IL 1979
	GULF OF ALASKA GULF OF ALASKA	QUINQUELOCULINA	SP.	BERGEN O'NEIL 1979
	GULF OF ALASKA	ARRENTELLA LAGENA LAGENA LAGENA NONIONELLA NONIONELLA NONIONELLA NONIONELLA NONIONELLINA OUTNOLELINA REOPHAX SPIROPLECTAMMINA THALMANNAMMINA THALMANNAMMINA THIFARINA UVIGERINA UVIGERINA BUCCELLA CASSIBULINA CIBICIDES ELPHIDIELLA	SCORPIURUS BIFORMIS PARKERAE FLUENS	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	SPIROPLECTAMMINA THAIMANNAMMINA	BIFORMIS PARKERAE	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	TRIFARINA	FLUENS	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	UVIGERINA	JUNCE A	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
59 55N 145 40W	GULF OF ALASKA	AMPHICORYNA	SCALARIS	BERGEN O'NEIL 1979
	GULF OF ALASKA	BUCCELLA	FRIGIDA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	CIBICIDES	FLETCHER 1	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	CIBICIDES	LOBATULUS	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	ELPHIDIELLA ELPHIDIUM	NITIDA ARTICULATUM	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	ELPHIDIUM	BARTLETTI	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	EPONIDES FISSURINA	REPANDUS LUCIDA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	GAUDRYINA	ARENARIA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	GLABRATELLA	ORNATISSIMA	BERGEN O'NE IL 1979
	GULF OF ALASKA	I SLANDIELLA I SLANDIELLA	CALIFORNICA LIMBATA	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
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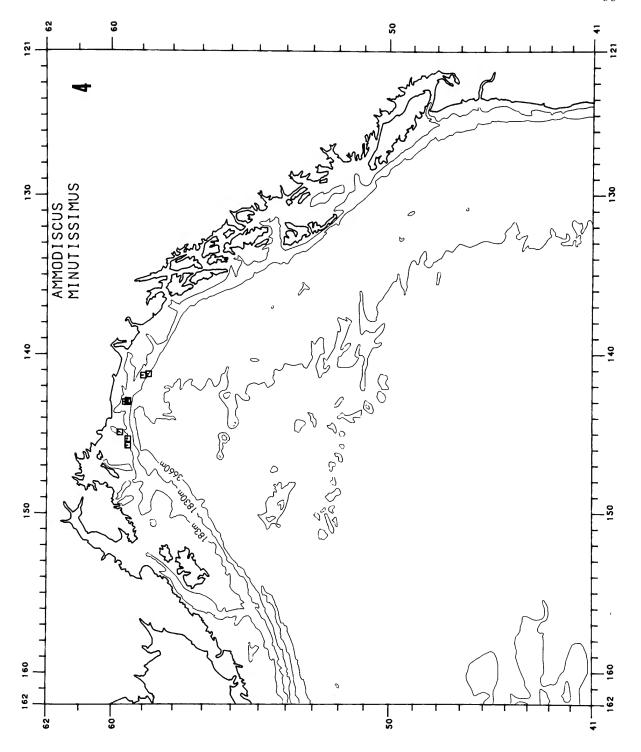
Lat. Lo	ong. Locality	Generic Name	Specific Name	Publication
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	GULF OF ALASKA	GNINGNEFOCAFINA	SP.	DERGEN O'NEIL 1979
	GULF OF ALASKA	GUINGUELOCULINA	STALKERI	BERGEN O'NEIL 1979
	GULF OF ALASKA	SIGMOMORPHINA	GALLOWAYI	BERGEN O'NEIL 1979
	GULF OF ALASKA	TRIFARINA	FLUENS	BERGEN O'NEIL 1979
	GULF OF ALASKA	TROCHAMMINA	ROTALIFORMIS	BERGEN O'NEIL 1979
59 56N 141	GULF OF ALASKA	UVIGERINA	JUNCEA	BERGEN O'NEIL 1979
39 36N 141		ELPHIDIELLA	NITIDA	BERGEN O'NEIL 1979
	GULF OF ALASKA GULF OF ALASKA	ELPHIDIUM ELPHIDIUM	BARTLETTI	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	ELPHIDIUM	E X C A V A TUM HU GHE S I	BERGEN O'NEIL 1979
	GULF OF ALASKA	ISLANDIELLA	HELENAE	BERGEN O'NEIL 1979
	GULF OF ALASKA	NONIONELLA	STELLA	BERGEN O'NEIL 1979
59 56N 144		BUCCELLA	FRIGIDA	BERGEN O'NEIL 1979
	GULF OF ALASKA	BUCCELLA	INUSITATA	BERGEN O'NEIL 1979
	GULF OF ALASKA	BULIMINELLA	ELEGANTISSIMA	BERGEN O'NEIL 1979
	GULF OF ALASKA	CASSIDULINA	BARBARA	BERGEN O'NEJL 1979
	GULF OF ALASKA	CASSIDULINA	DELICATA	BERGEN O'NEIL 1979
	GULF OF ALASKA	CIBICIDES	FLETCHERI	BERGEN O'NEIL 1979
	GULF OF ALASKA	C 18 1 C I D E S	LOBATULUS	BERGEN O'NE IL 1979
	GULF OF ALASKA	CRIBROSTOMOIDES	JEFFREYSII	BERGEN O'NEIL 1979
	GULF OF ALASKA	DENDROPHYRA	ARBORESCENS	BERGEN O'NEIL 1979
	GULF OF ALASKA	ELPHIDIELLA	NITIDA	BERGEN O'NEIL 1979
	GULF DF ALASKA GULF DF ALASKA	ELPHIDIUM	ARTICULATUM	BERGEN O'NEIL 1979 BERGEN O'NEIL 1979
	GULF OF ALASKA	ELPHIDIUM	BARTLETTI	BERGEN O'NEIL 1979
	GULF DF ALASKA	ELPHIDJUM Elphidjum	E X C A V A T U M H U G H E S I	BERGEN O'NEIL 1979
	GULF OF ALASKA	GLABRATELLA	ORNATISSIMA	BERGEN O'NEIL 1979
	GULF OF ALASKA	ISLANDIELLA	HELENAE	BERGEN O'NEIL 1979
	GULF OF ALASKA	ISLANDIELLA	LIMBATA	BERGEN O'NEIL 1979
	GULF OF ALASKA	MILIOLINELLA	SUBROTUNDA	BERGEN D'NEIL 1979
	GULF OF ALASKA	NONIONELLA	STELLA	BERGEN O'NEIL 1979
60 15N 145	31W CDPPER R., ALASKA	TROCHAMMINA	INFLATA	PHLEGER 1967
60 28N 146	S 27W OFF ALASKA	ELPHIDIELLA	HANNAI	CUSHMAN MCCULLOCH 1940
	OFF ALASKA	DOLINA	STRIATOPUNCTATA GEMMA	CUSHMAN MCCULLOCH 1950
60 30N 146		AMMOTIUM	CASSIS	CUSHMAN MCCULLOCH 1939
	OFF ALASKA	EGGERELLA	ADVENA	CUSHMAN MCCULLOCH 1939
	OFF ALASKA	ELPHIDIELLA	HANNA I	CUSHMAN MCCULLOCH 1940
	OFF ALASKA	HAPLOPHRAGMOIDES	COLUMBIENSIS	CUSHMAN MCCULLOCH 1939
	OFF ALASKA	REOPHAX	EXCENTRICUS SUBFUSIFORMIS	CUSHMAN MCCULLOCH 1939 CUSHMAN MCCULLOCH 1939
	OFF ALASKA OFF ALASKA	REDPHAX TROCHAMMINA	NITIDA	CUSHMAN MCCULLOCH 1939
60 35N 145		MULTOMMA	CASSIS	CUSHMAN MCCULLOCH 1939
00 334 143	OFF ALASKA	BULIMINELLA	ELEGANTISSIMA	CUSHMAN MCCULLOCH 1948
	OFF ALASKA	CRIBROSTOMOIDES	JEFFREYSII	CUSHMAN MCCULLOCH 1939
	OFF ALASKA	EGGERELLA	ADVENA	CUSHMAN MCCULLOCH 1939
	OFF ALASKA	ELPHIDIUM	ARTICULATUM	CUSHMAN MCCULLOCH 1940
	OFF ALASKA	ELPHIDIUM	MUDIMUT	CUSHMAN MCCULLOCH 1940
	OFF ALASKA	HAPL OPHRAGMOIDES	COLUMBIENSIS	CUSHMAN MCCULLOCH 1939
	OFF ALASKA	NONIONELLA	STELLA	CUSHMAN MCCULLOCH 1940
	OFF ALSAKA	REOPHAX	SUBFUSIFORMIS	CUSHMAN MCCULLOCH 1939
	OFF ALASKA	TROCHAMMINA	NITIDA	CUSHMAN MCCULLOCH 1939
40 334 444	OFF ALASKA	TROCHAMMINA	PACIFICA	CUSHMAN MCCULLOCH 1939
60 37N 146		ELPHIDIELLA	HANNAI	CUSHMAN MCCULLOCH 1940
40 /ON 1/5	OFF ALASKA	ELPHIDIUM CRIBROSTOMOIDES	TUMIDUM SUBGLOBOSUM	CUSHMAN MCCULLOCH 1940 CUSHMAN MCCULLOCH 1939
60 40N 145			DISTOMA	CUSHMAN MCCULLOCH 1950
	OFF ALASKA OFF ALASKA	L AGENA L AGENA	PERLUCIDA	CUSHMAN MCCULLOCH 1950
	OFF ALASKA	LAGENA	SEMILINEATA	CUSHMAN MCCULLOCH 1950
	OFF ALASKA	REOPHAX	SCOTTLI	CUSHMAN MCCULLOCH 1939
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61 D7N 146		TROCHAMMINA	NITIDA	CUSHMAN MCCULLOCH 1939

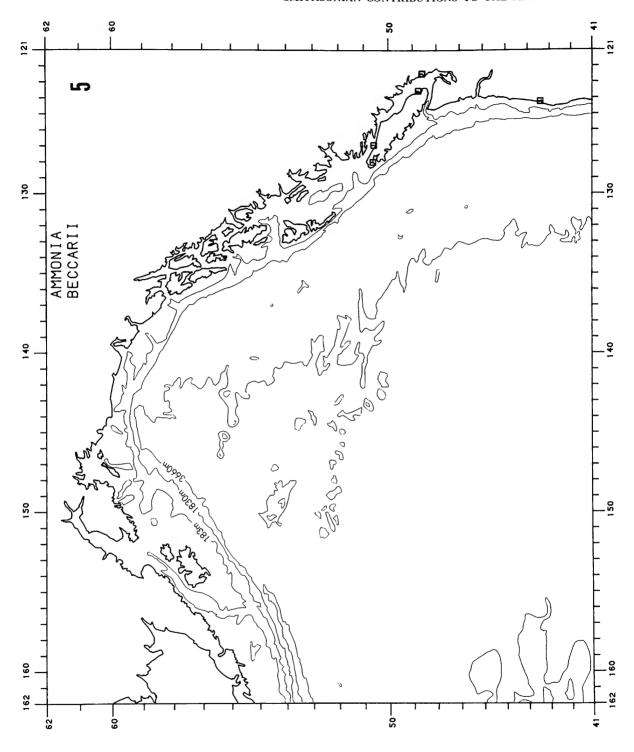
MAPS: Figures 1–139

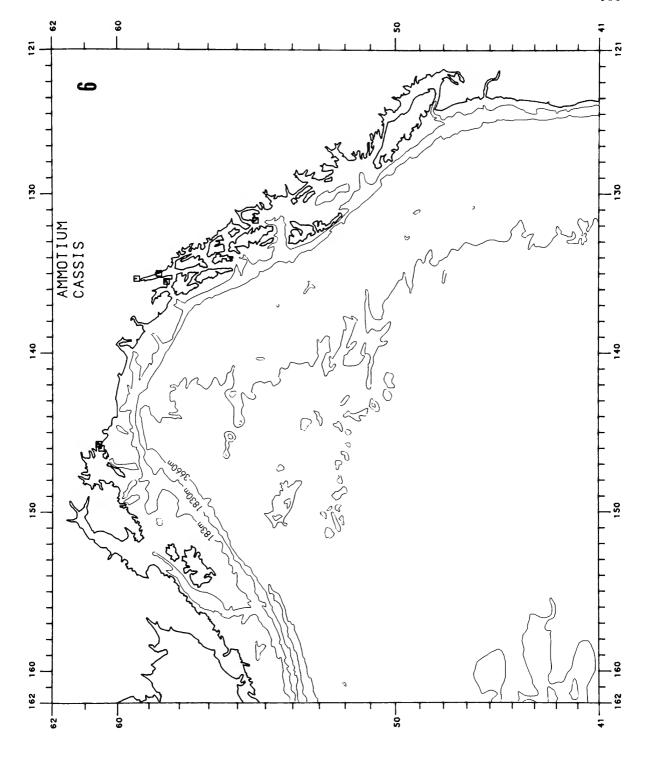


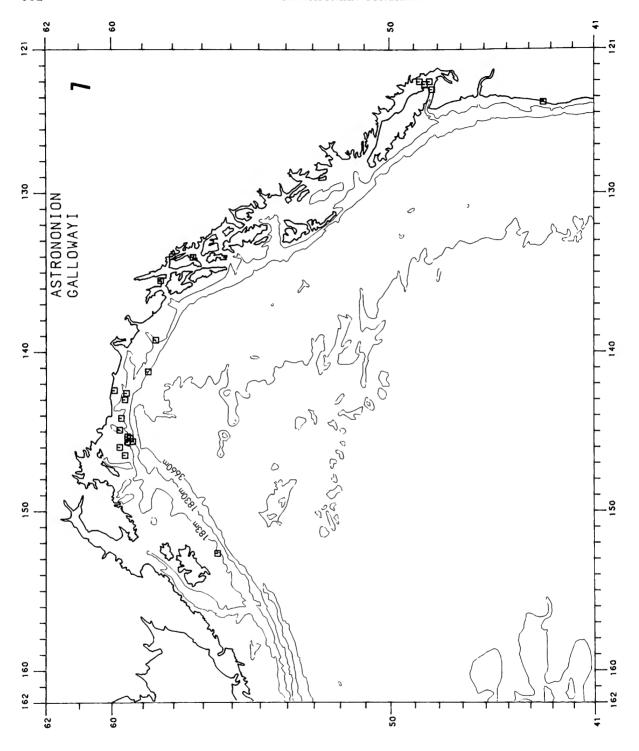


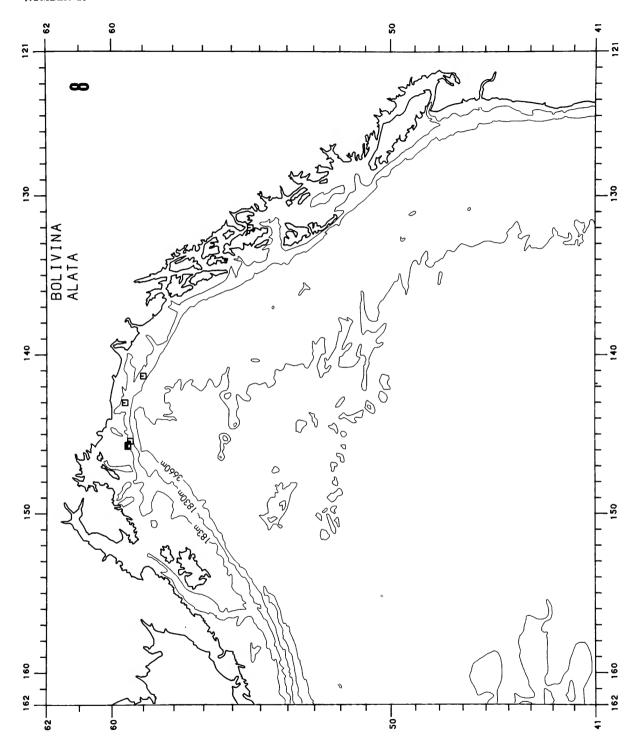


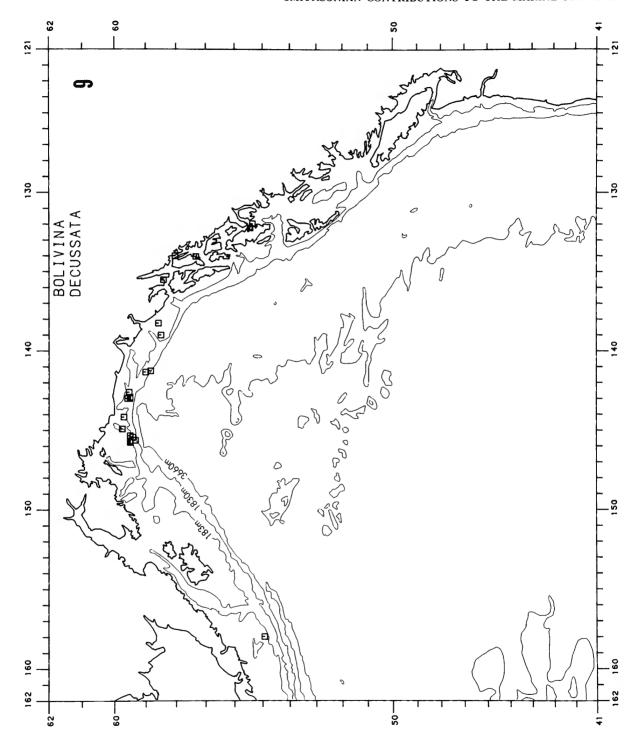


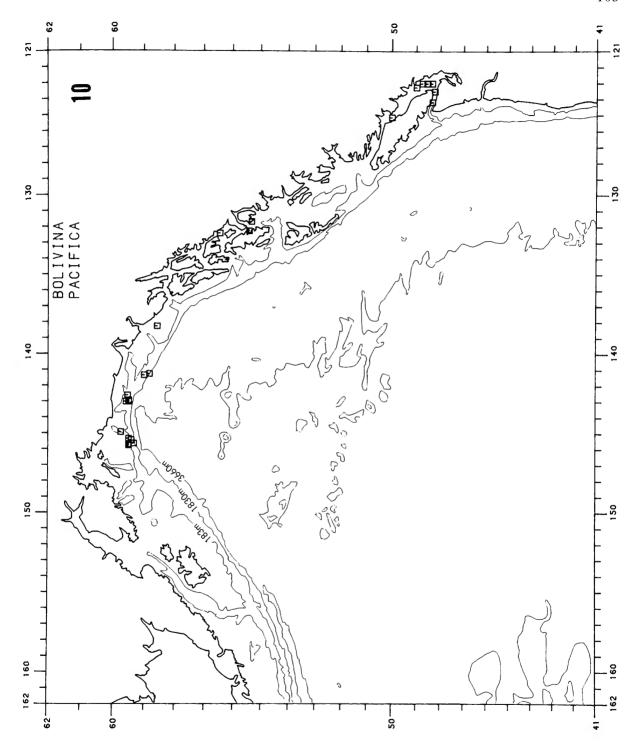


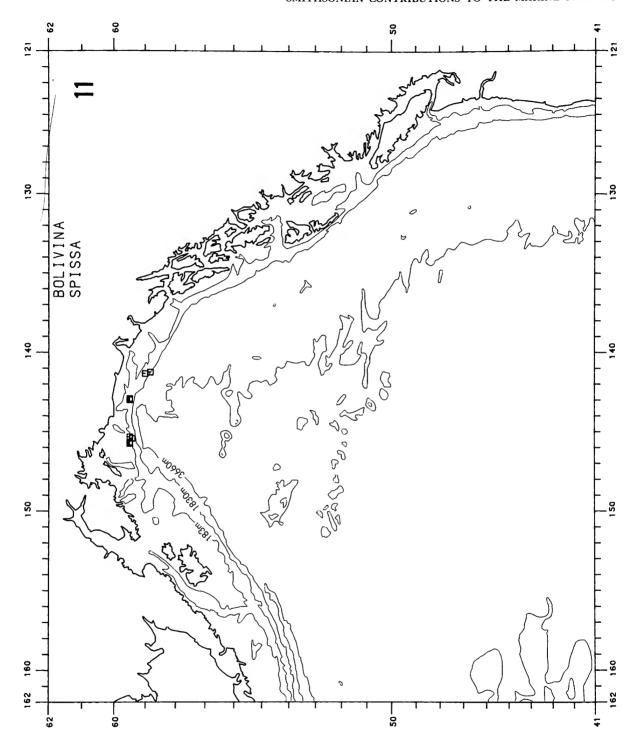


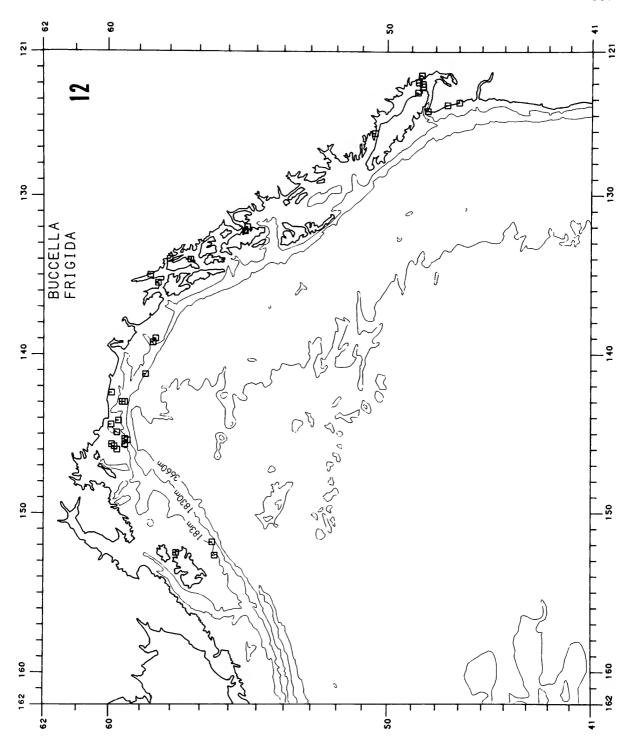


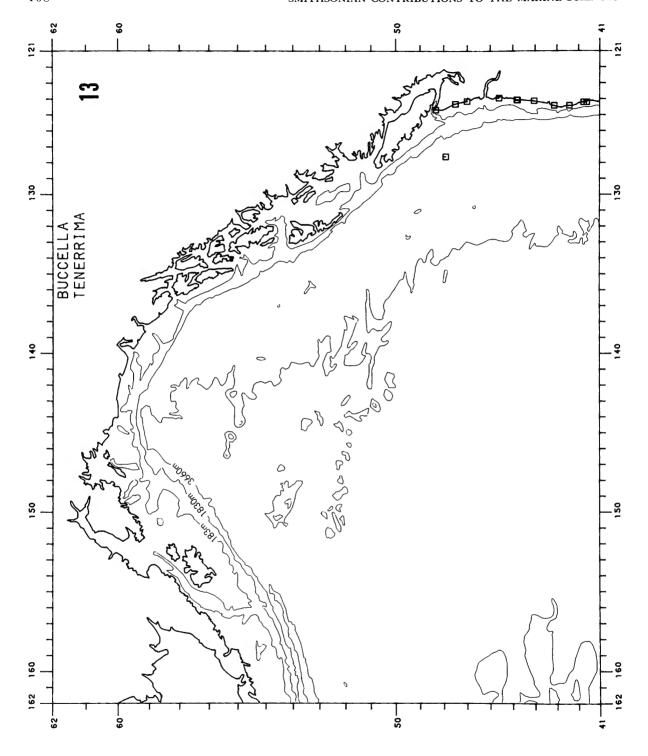


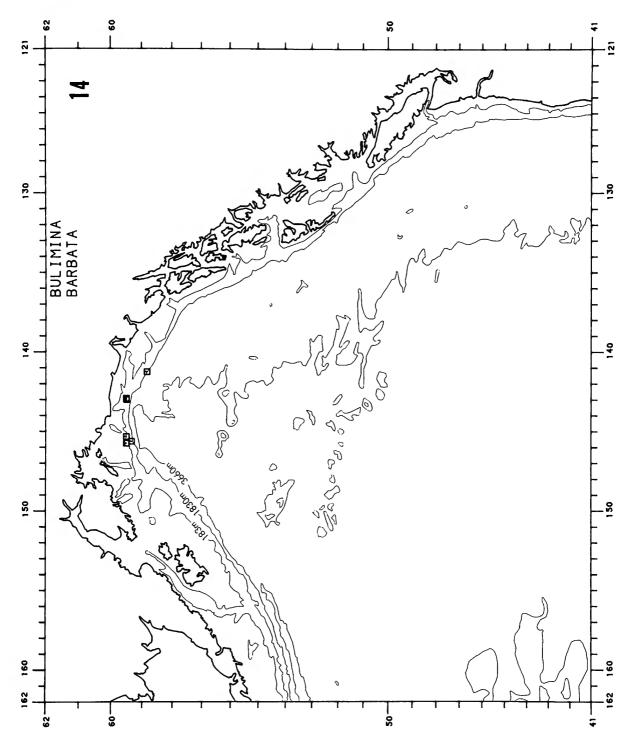


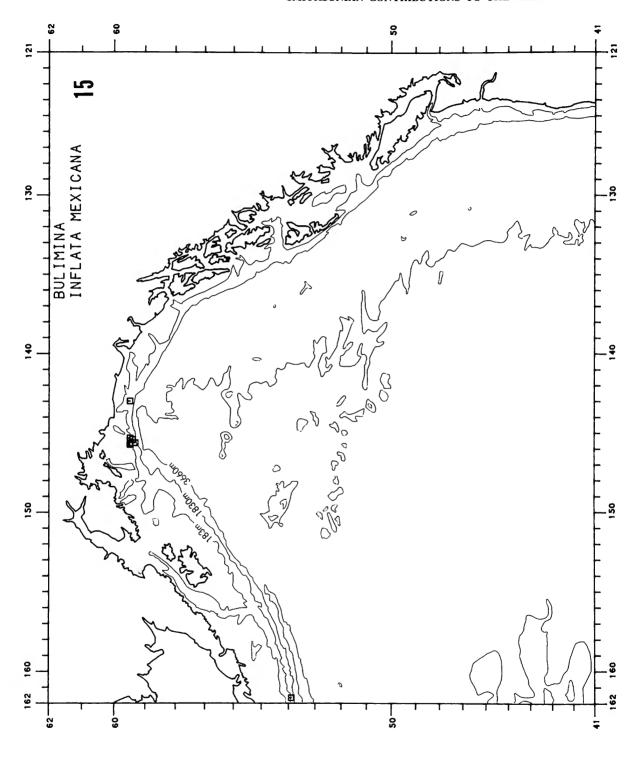


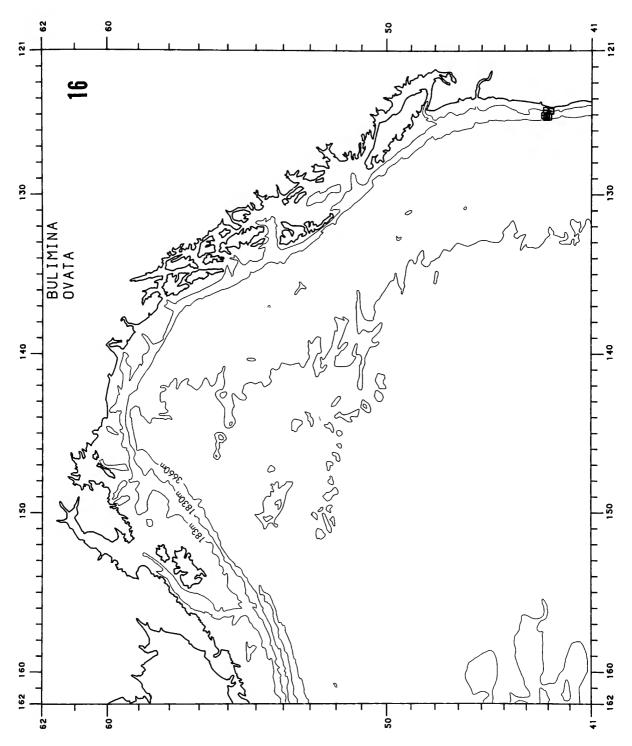


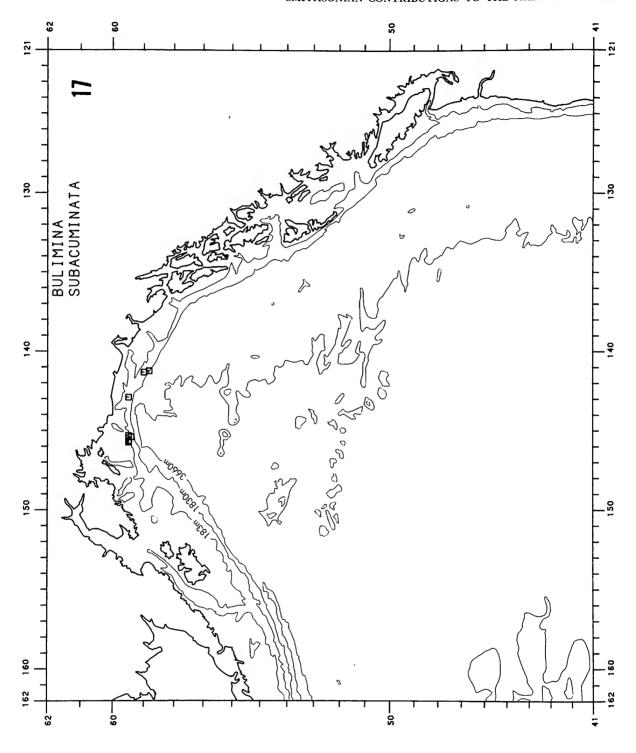


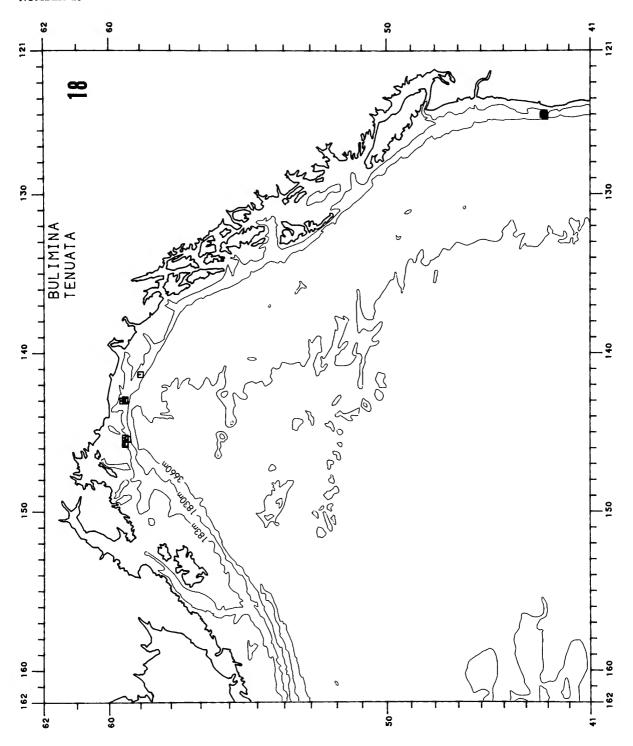


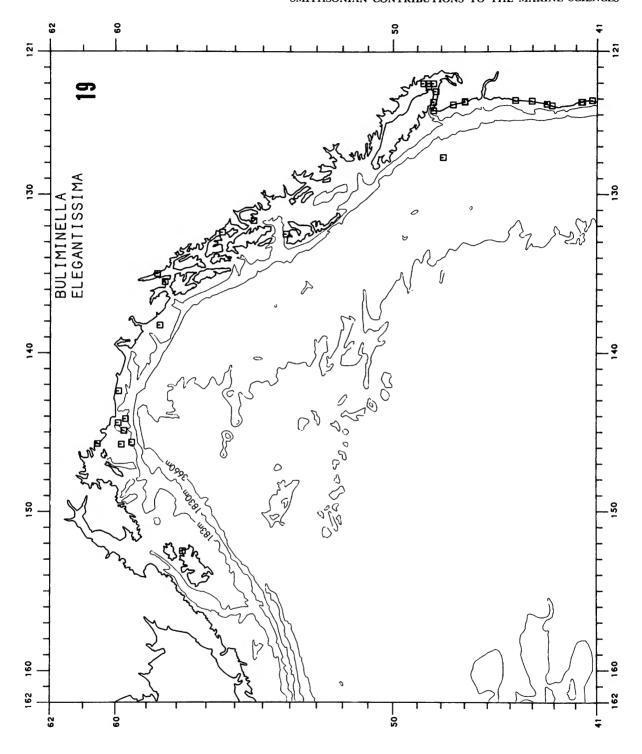


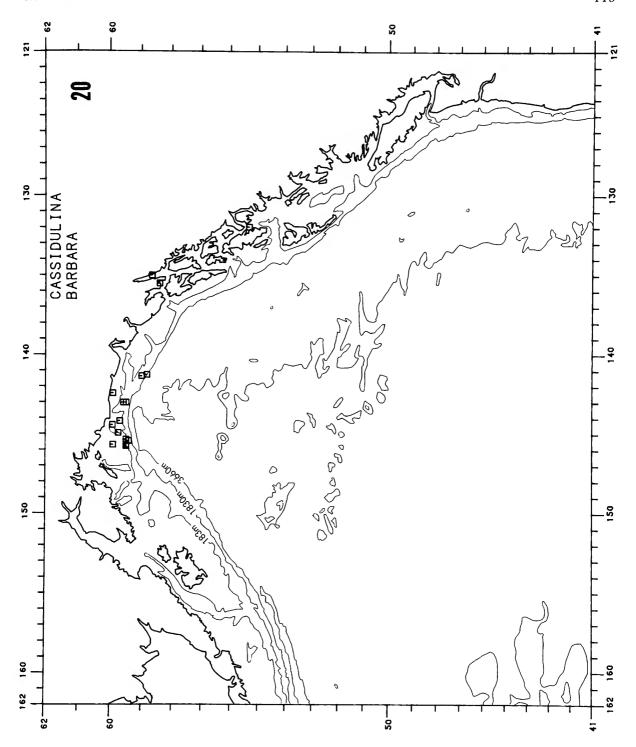


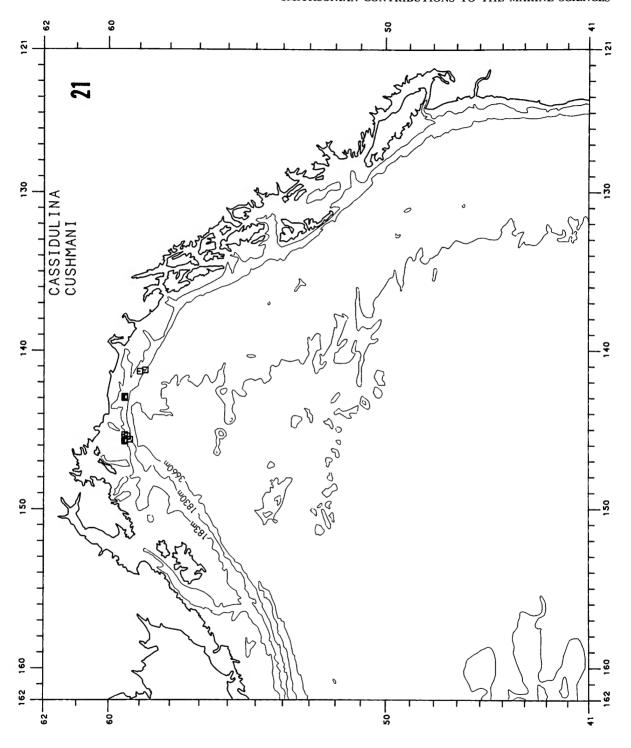


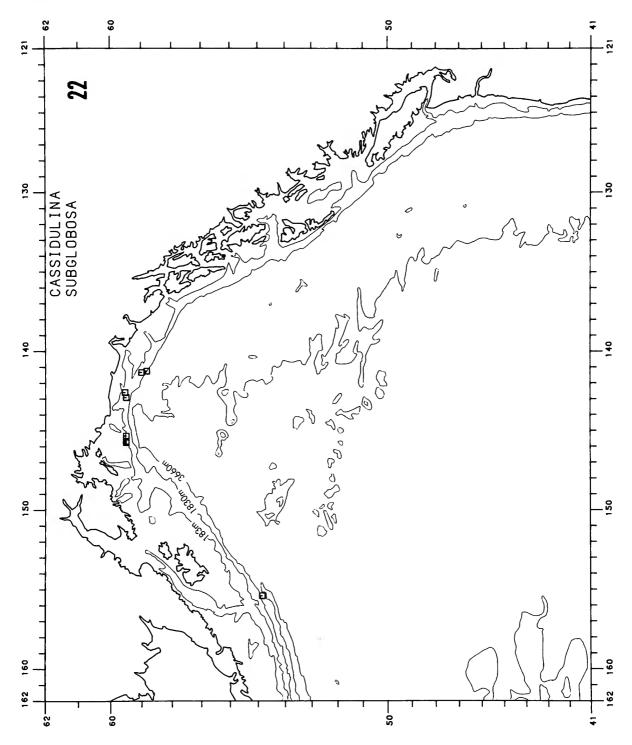


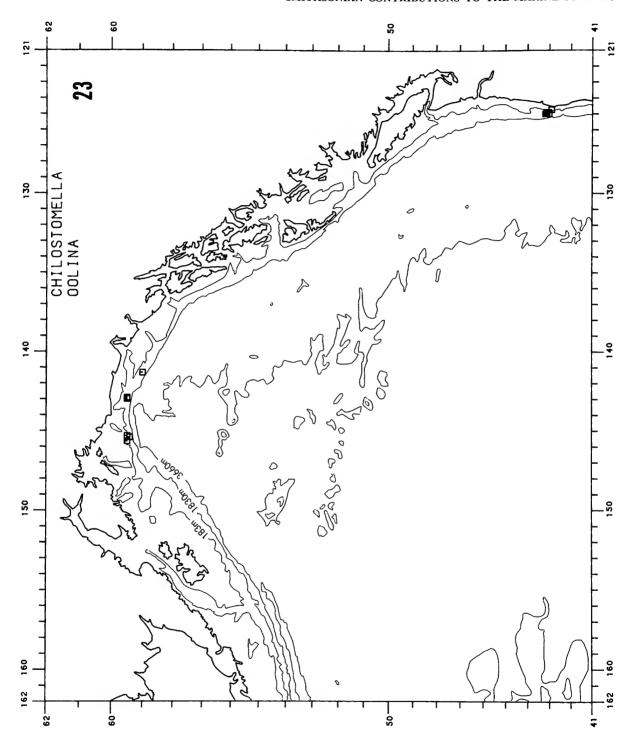


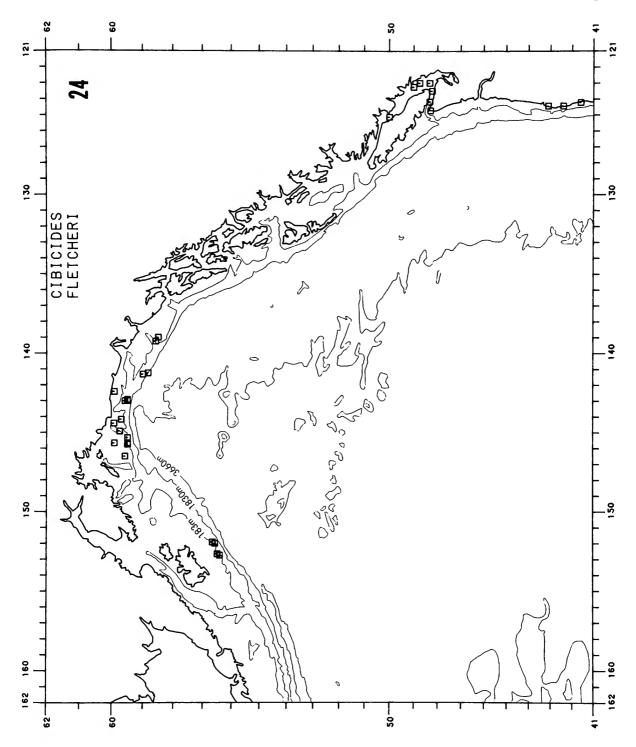


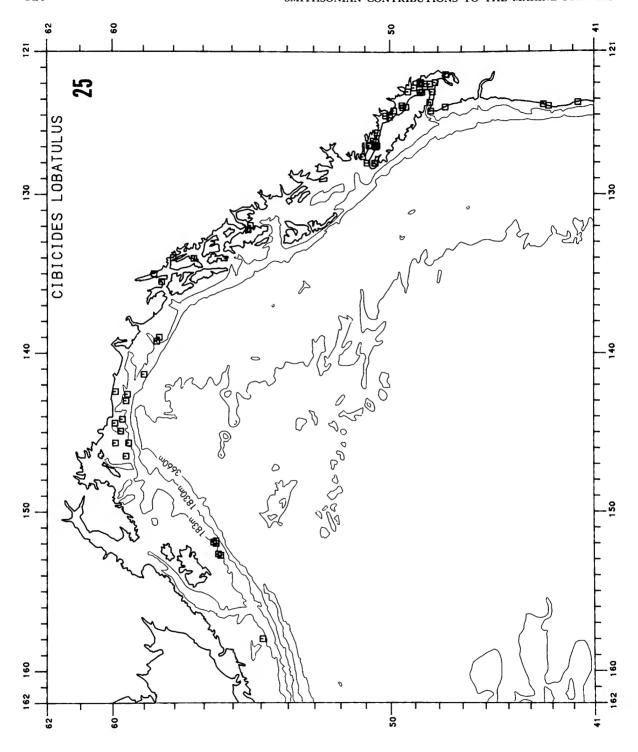


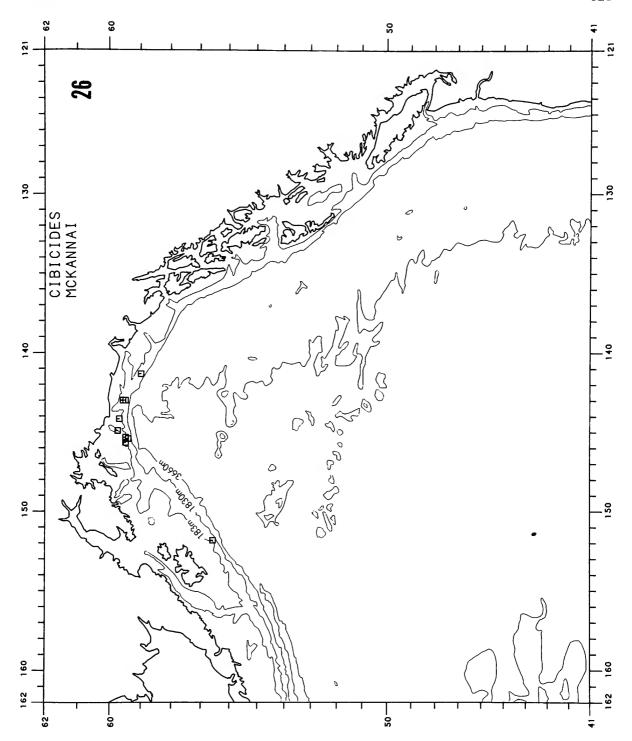


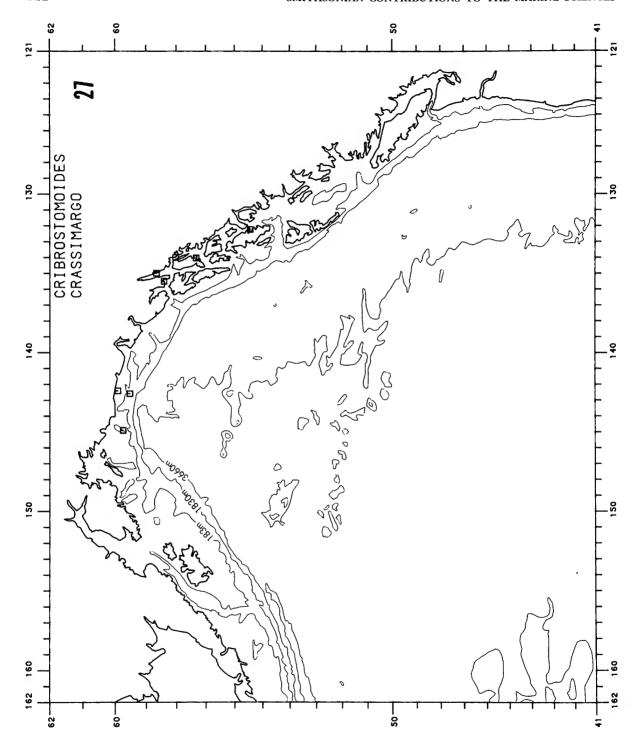


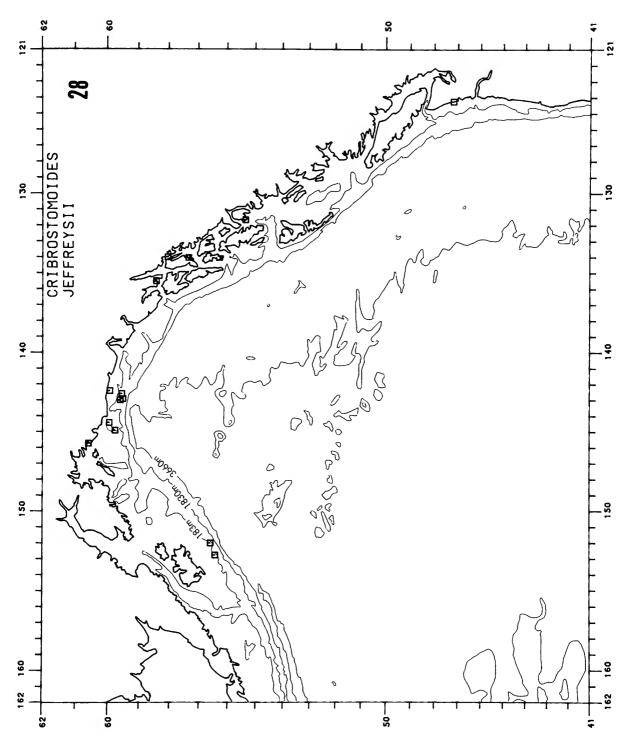


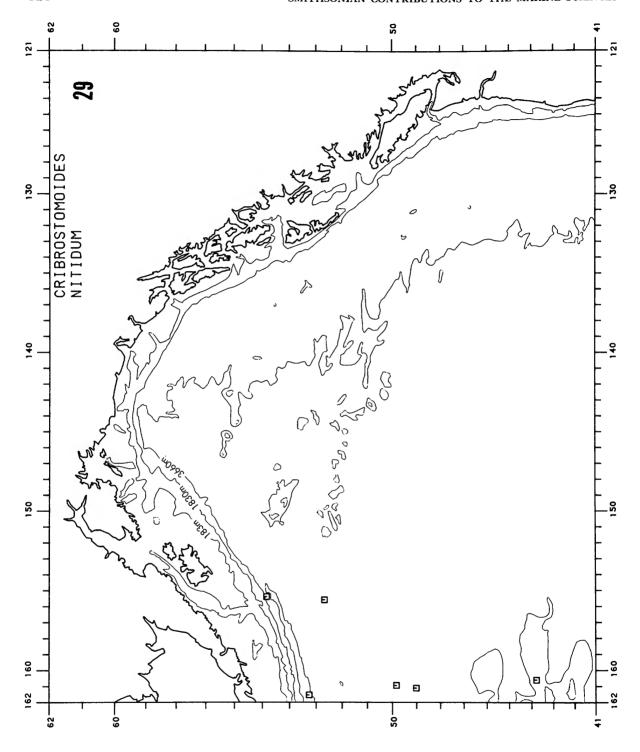


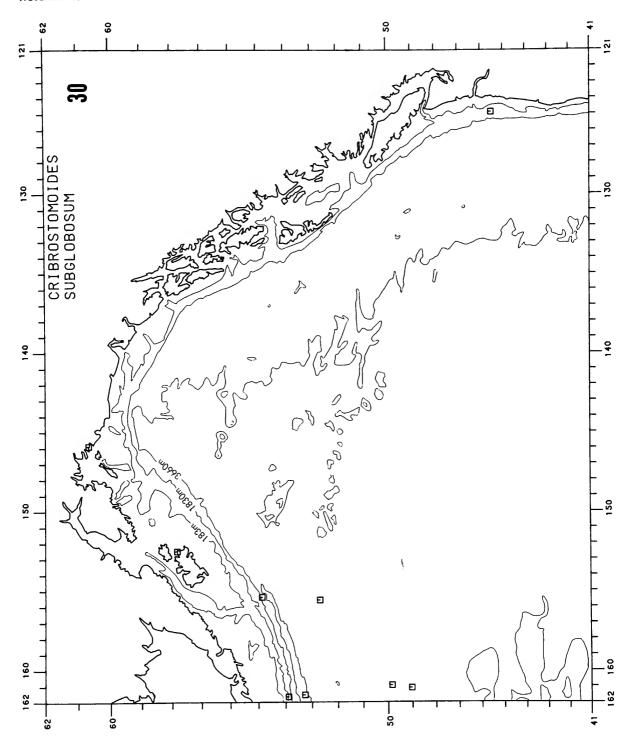


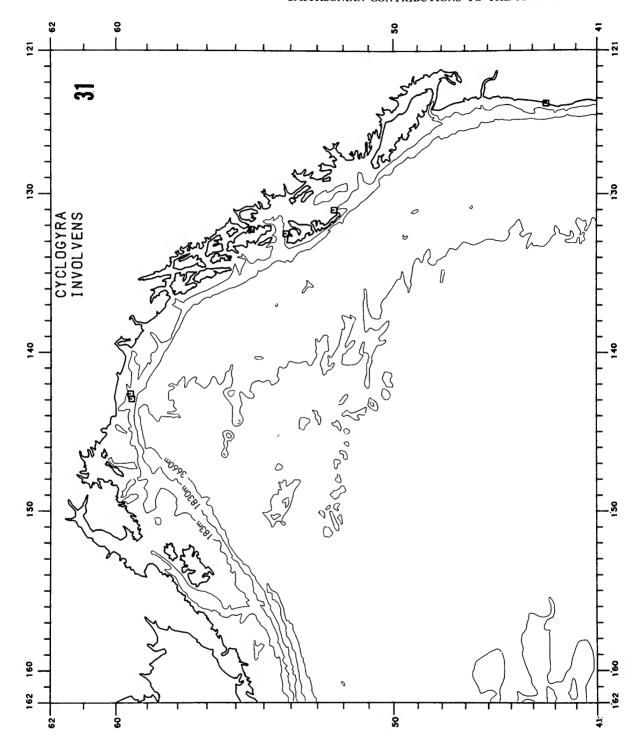


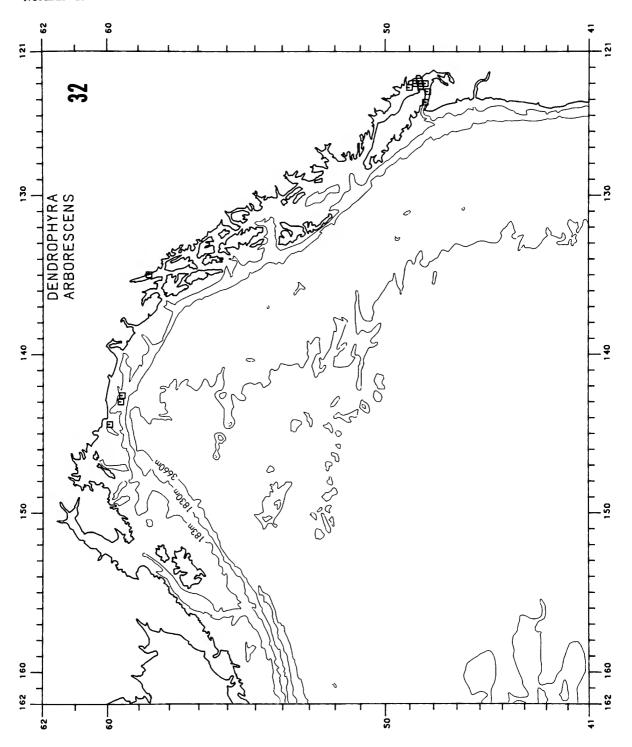


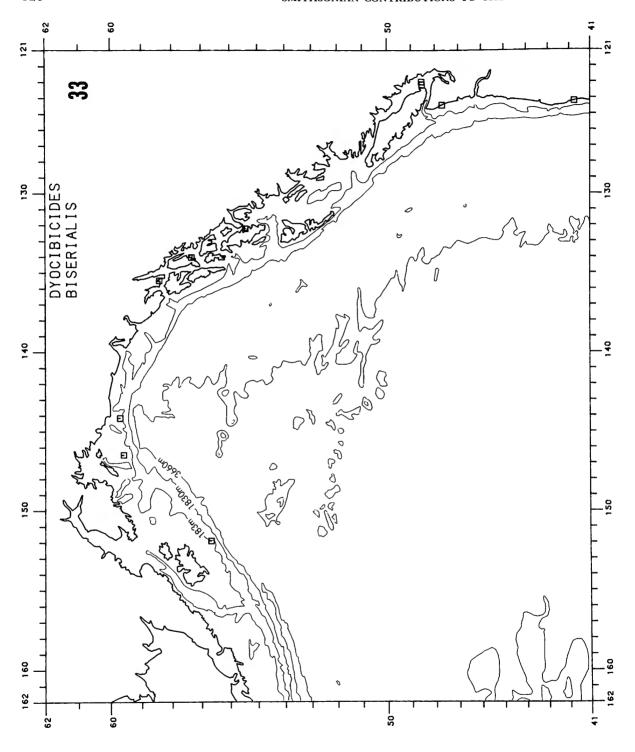


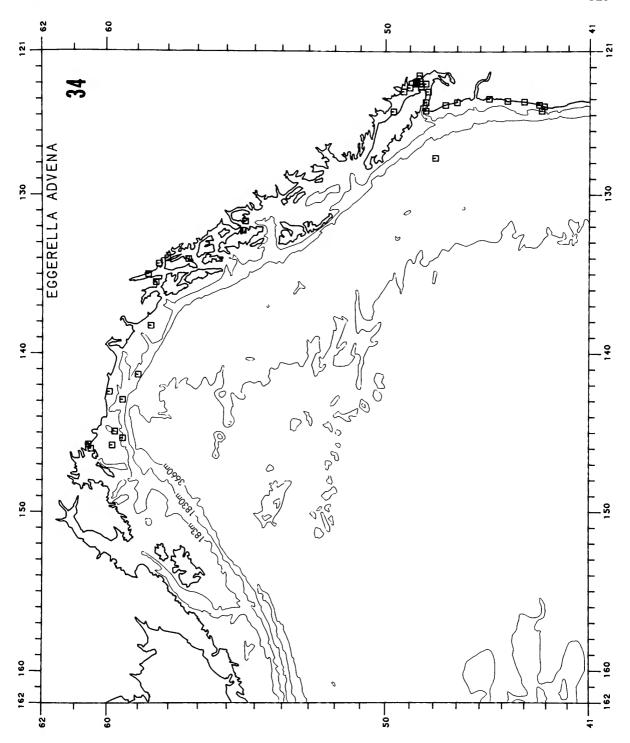


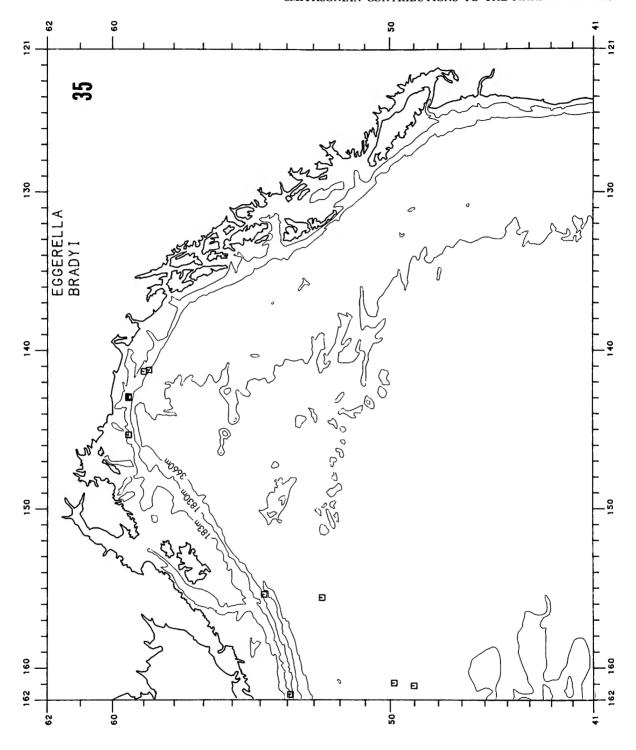


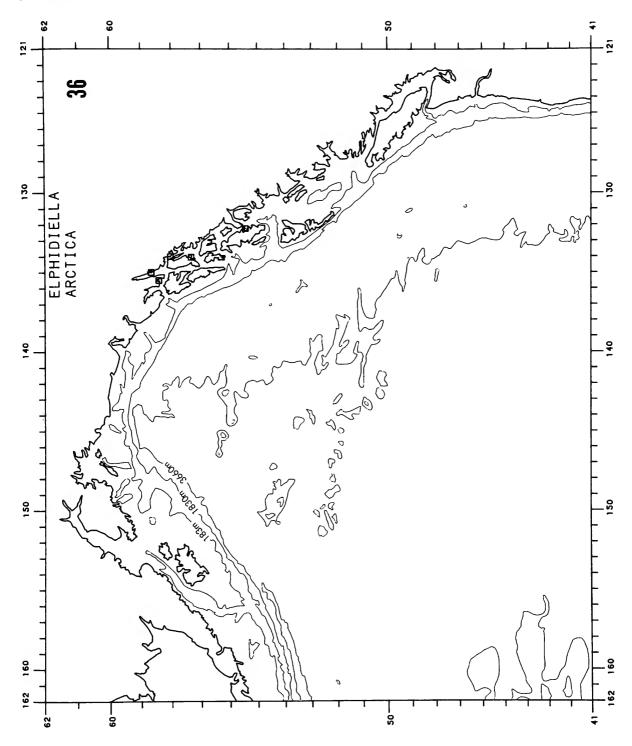


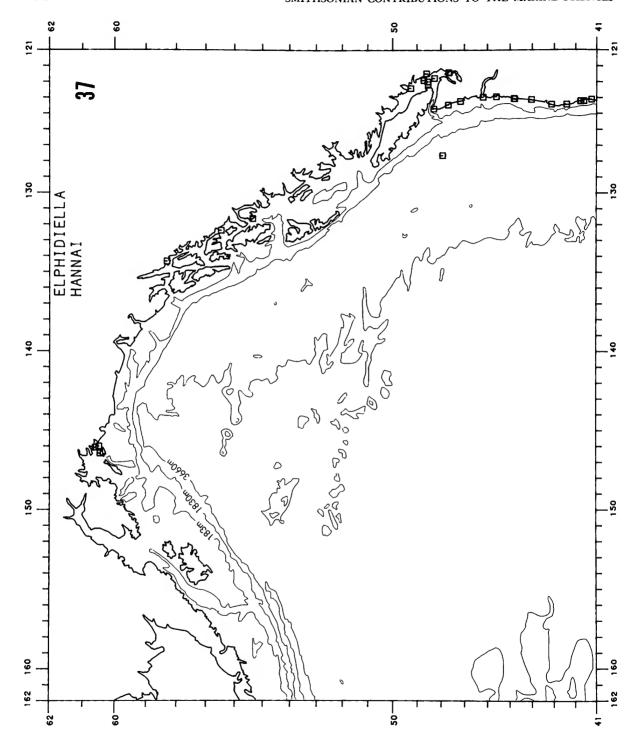


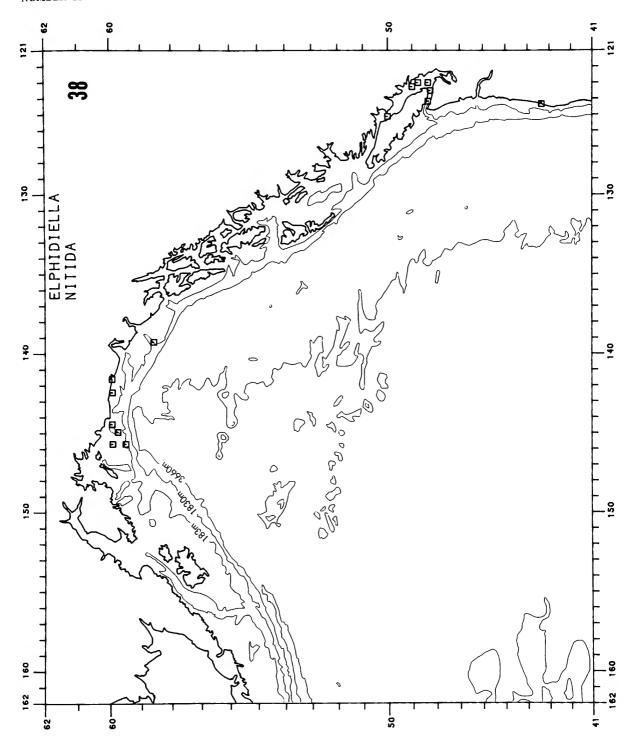


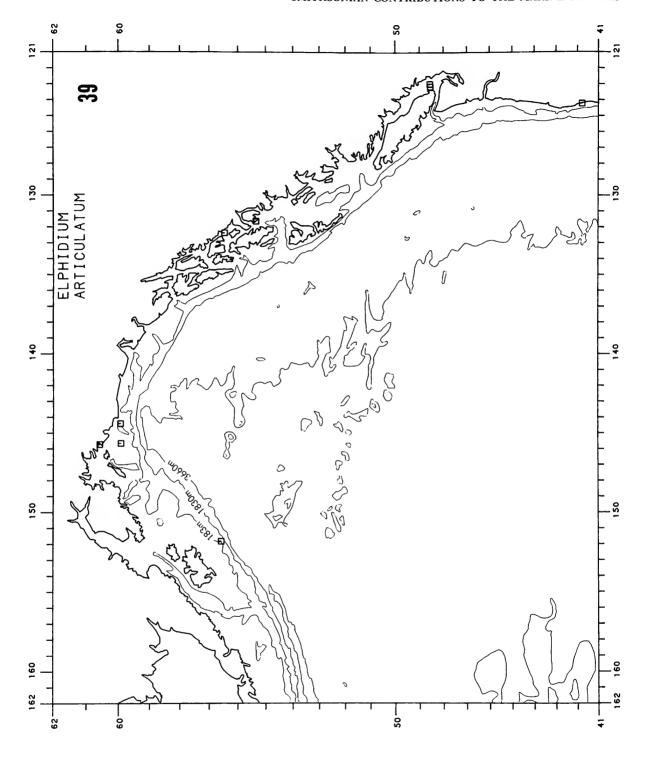


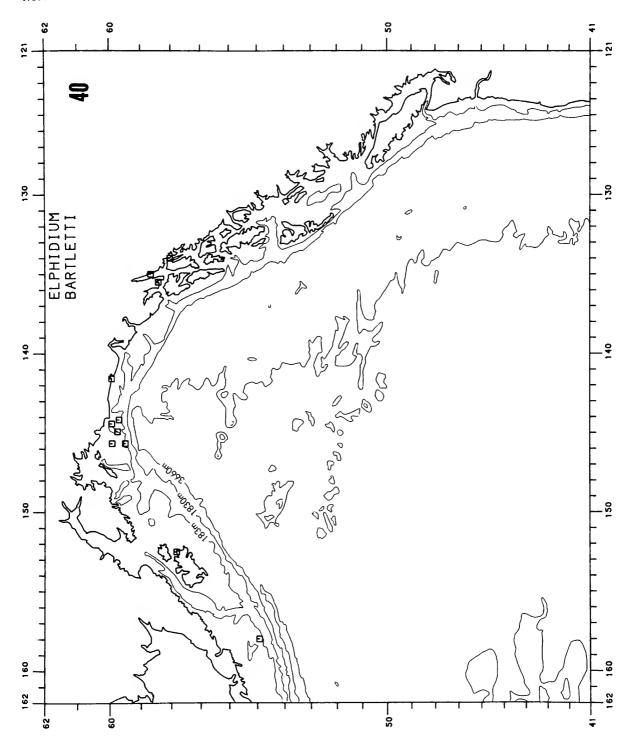


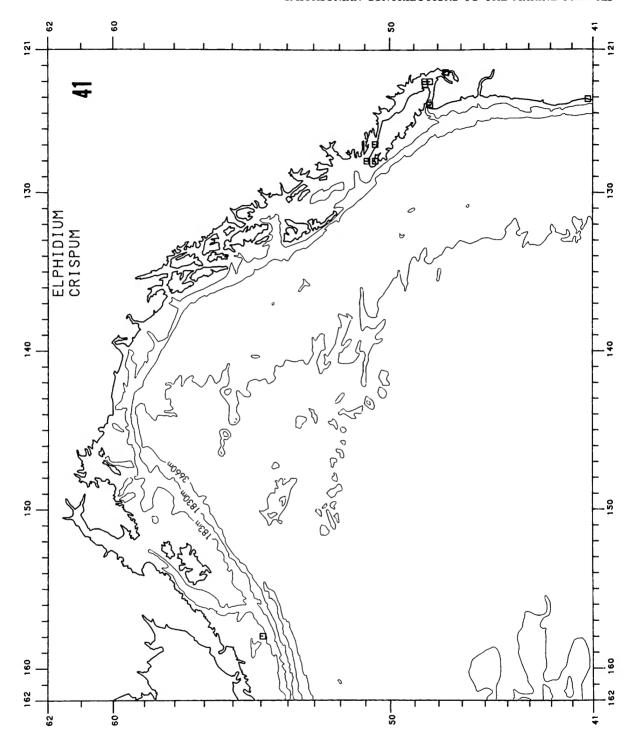


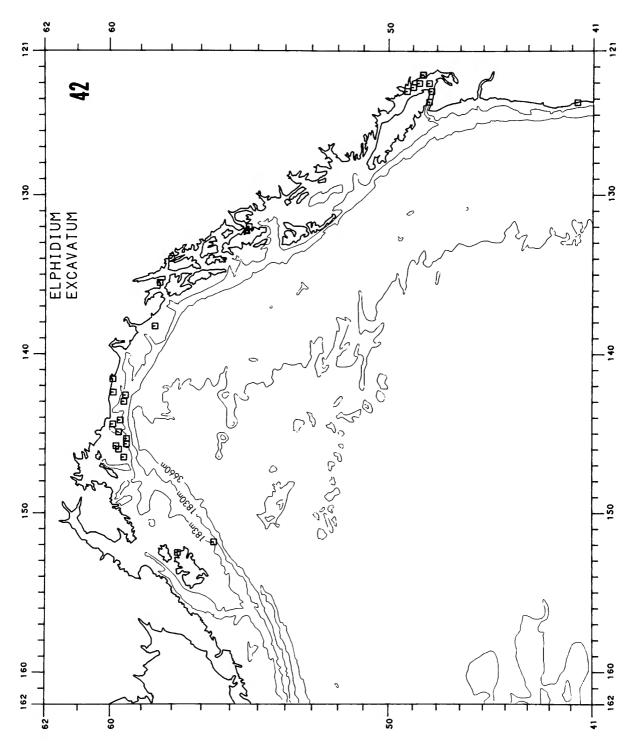


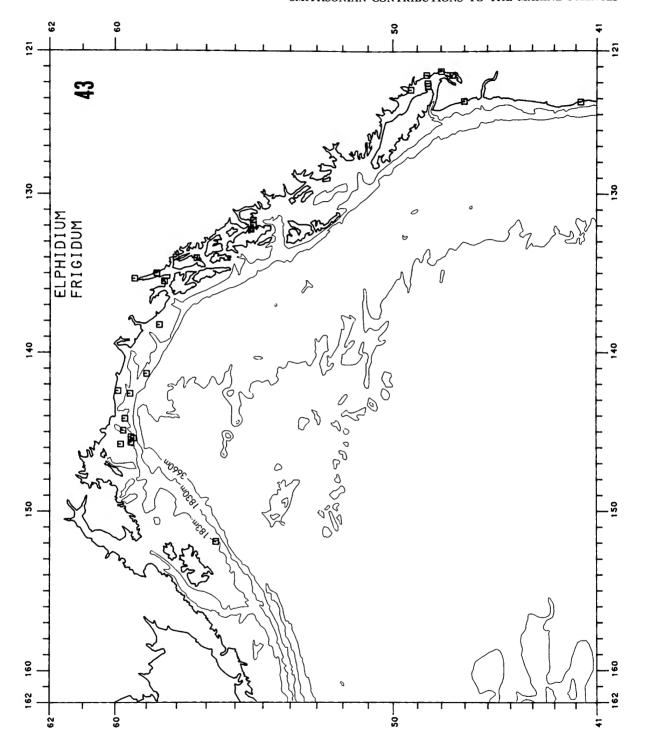


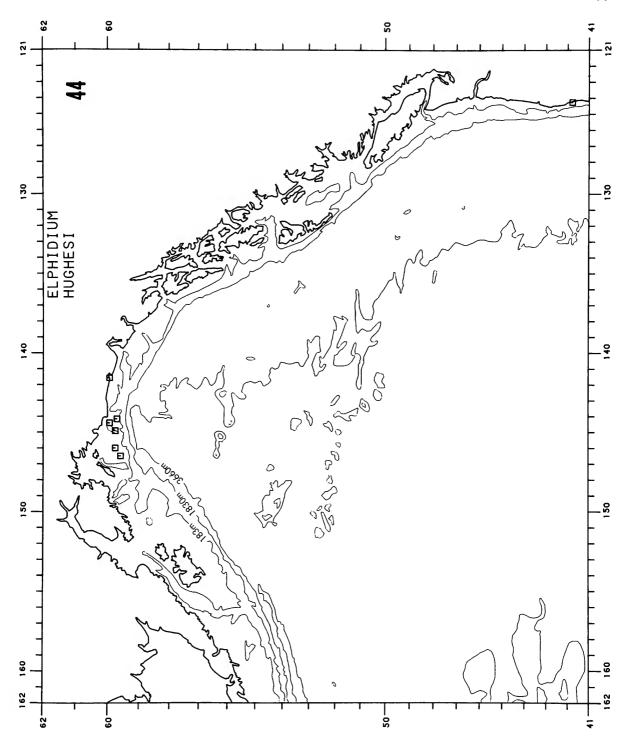


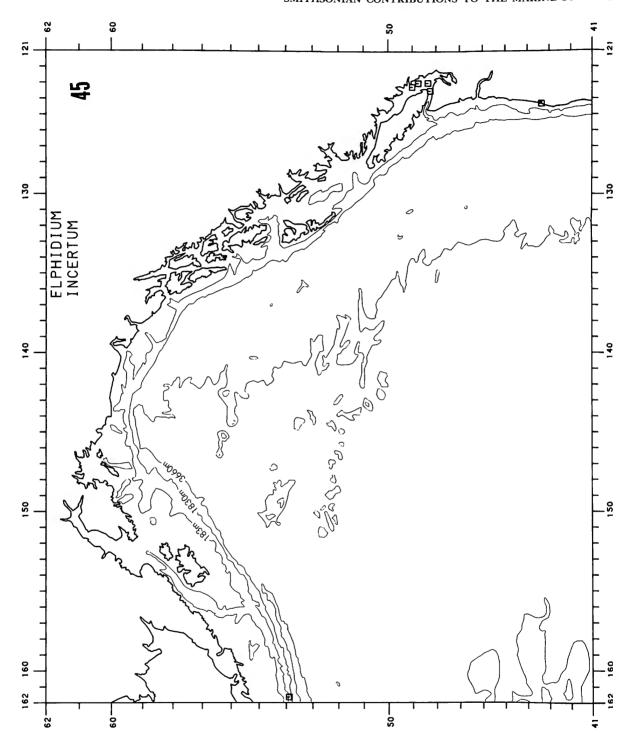


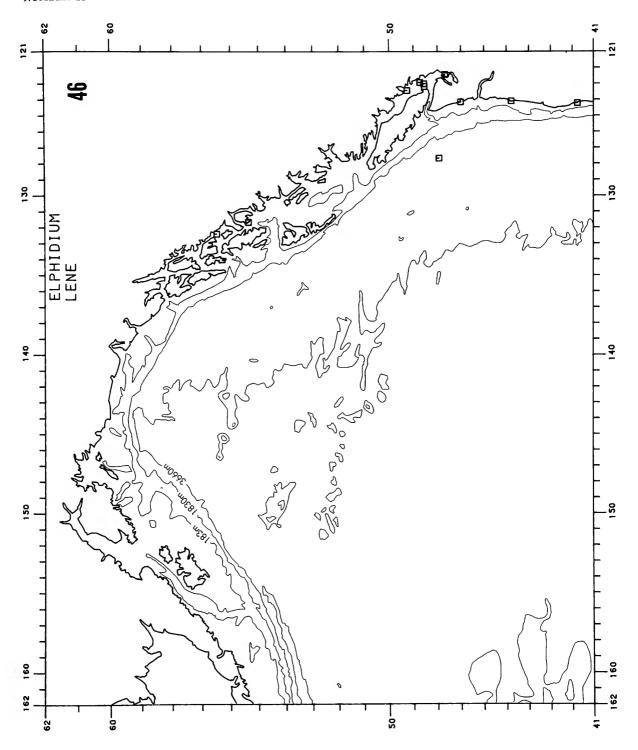


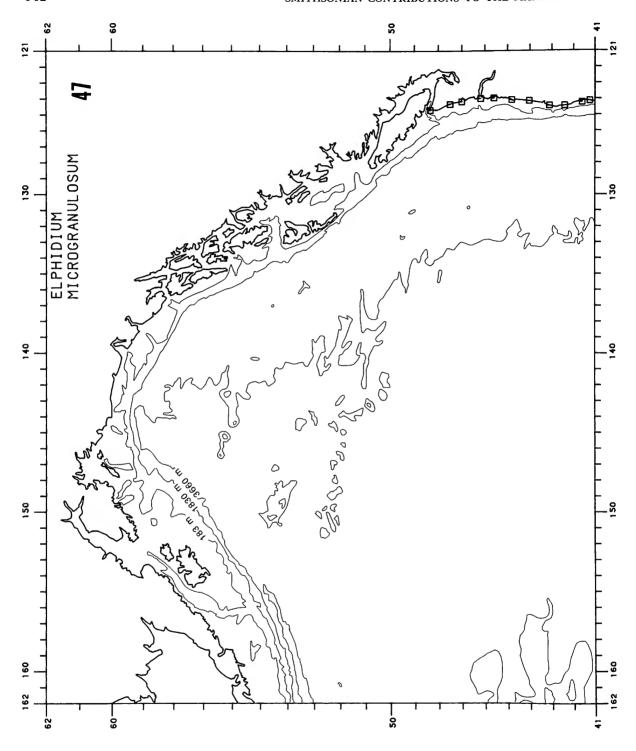


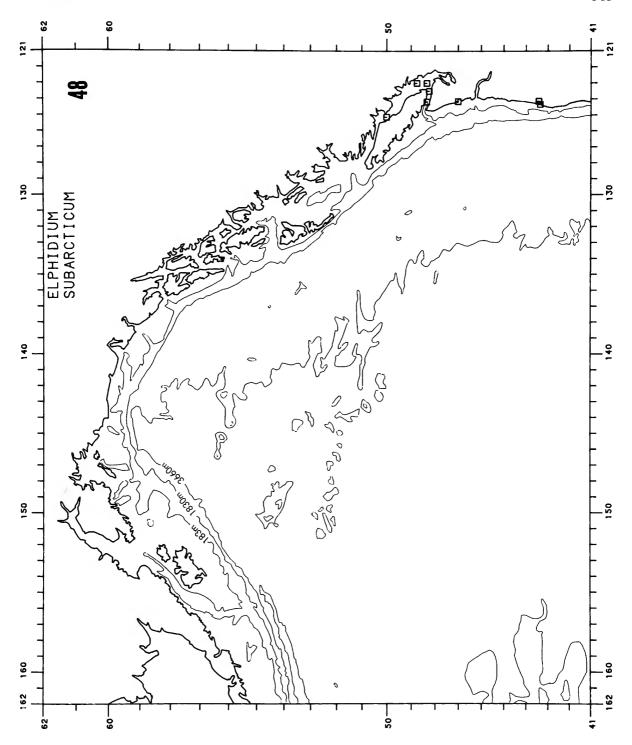


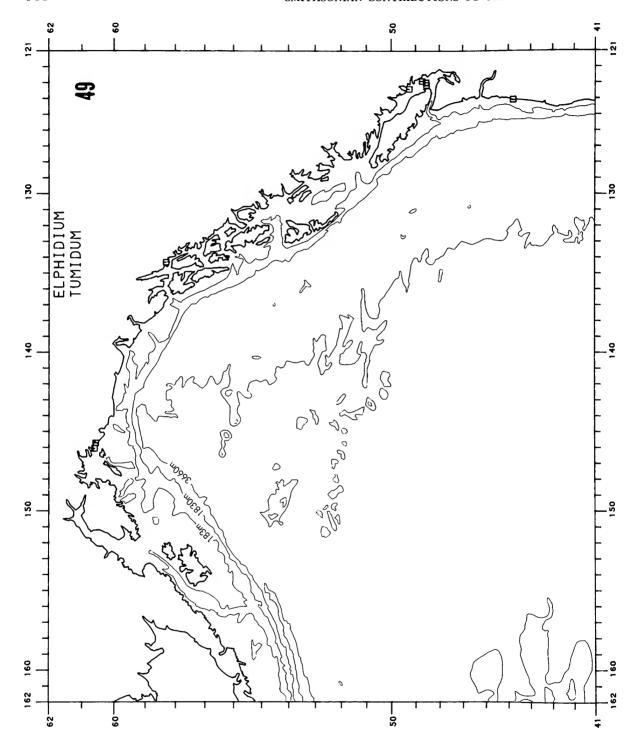


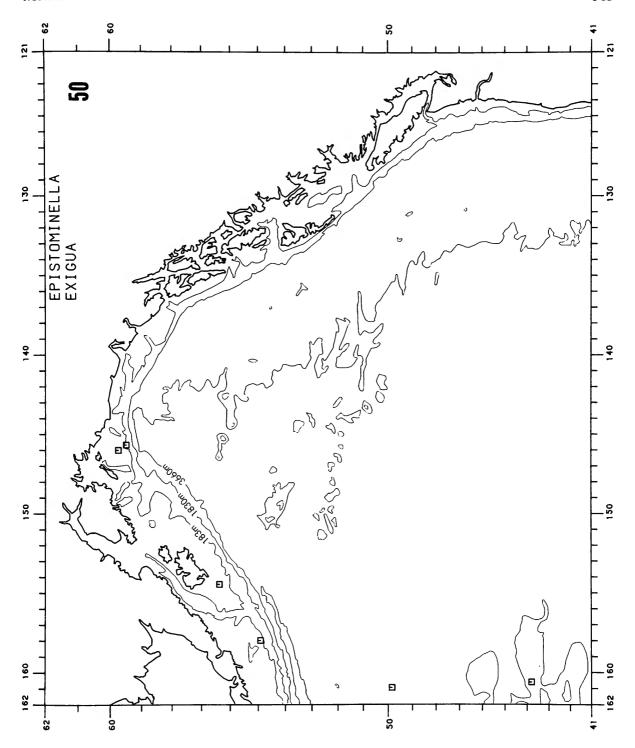


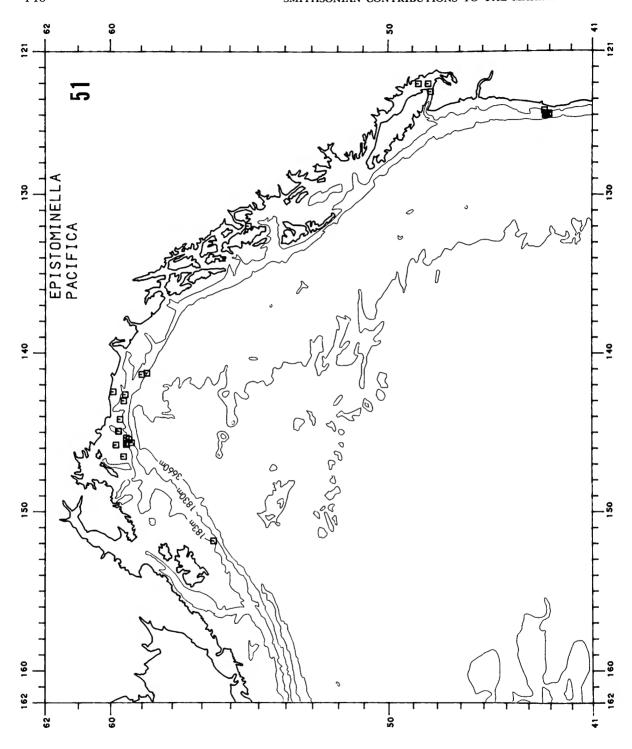


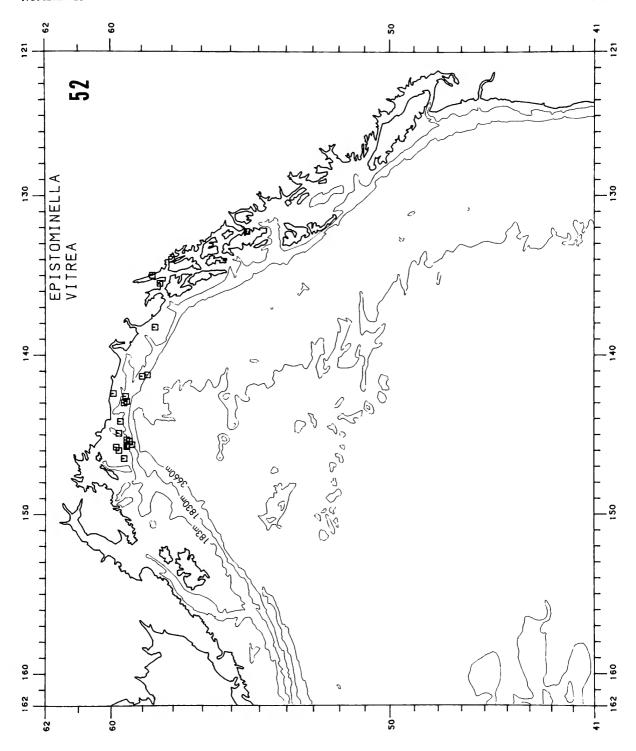


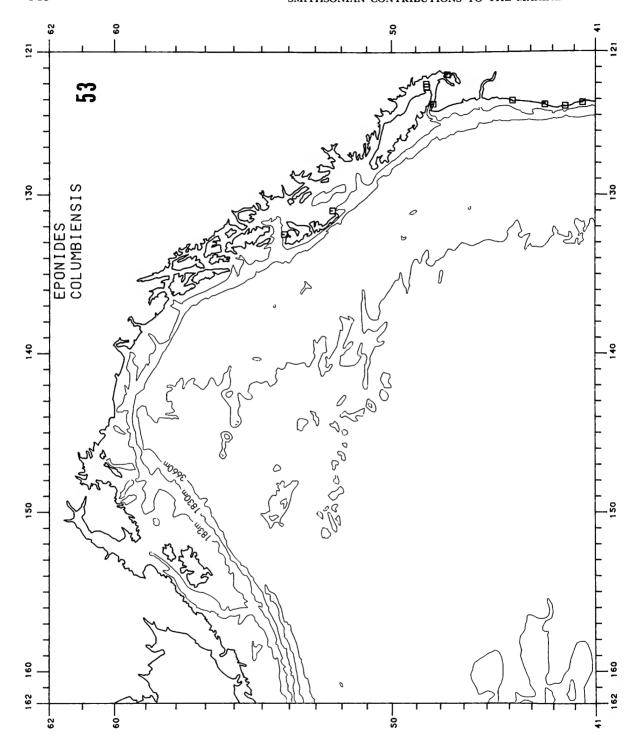


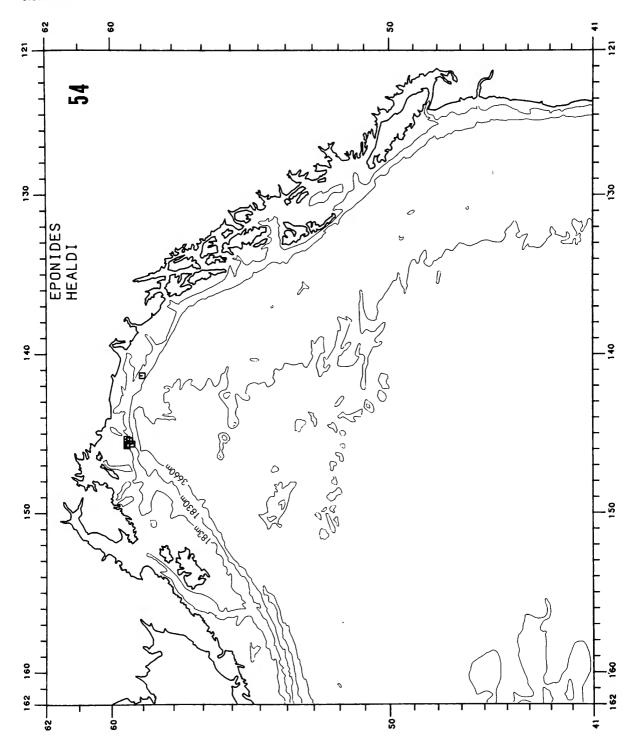


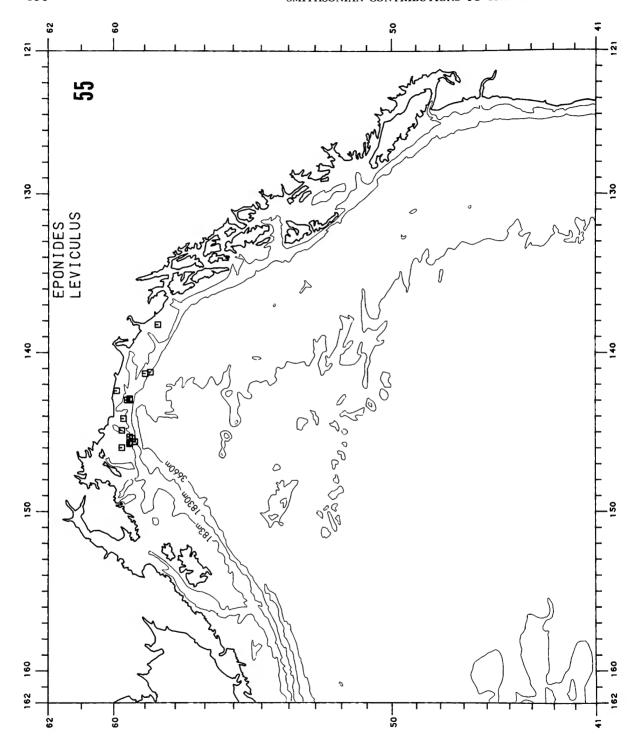


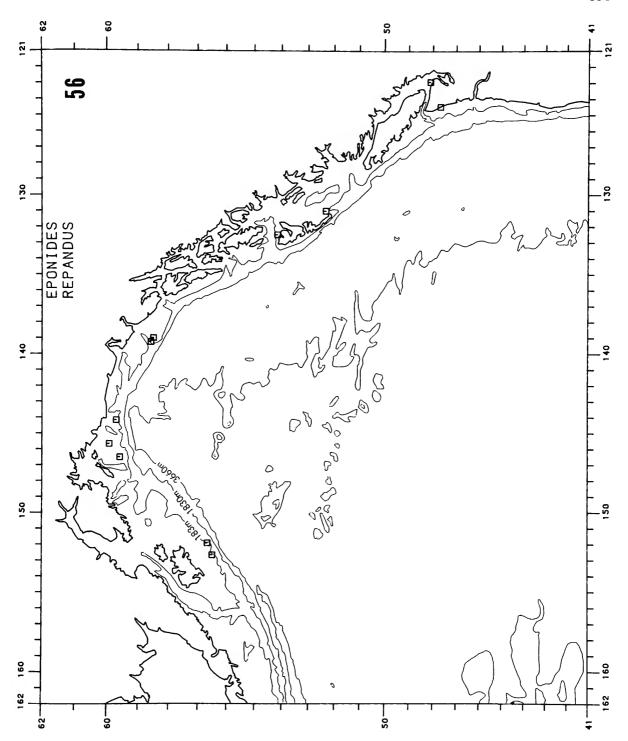


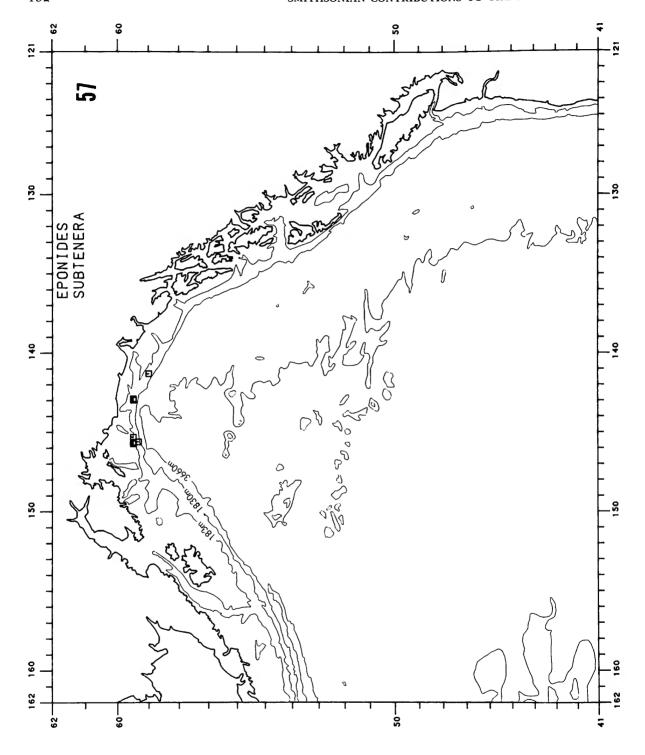


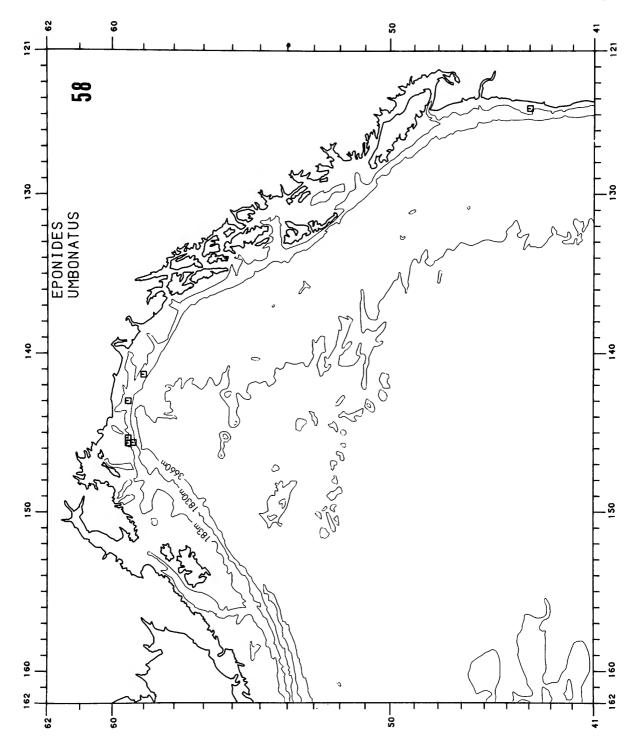


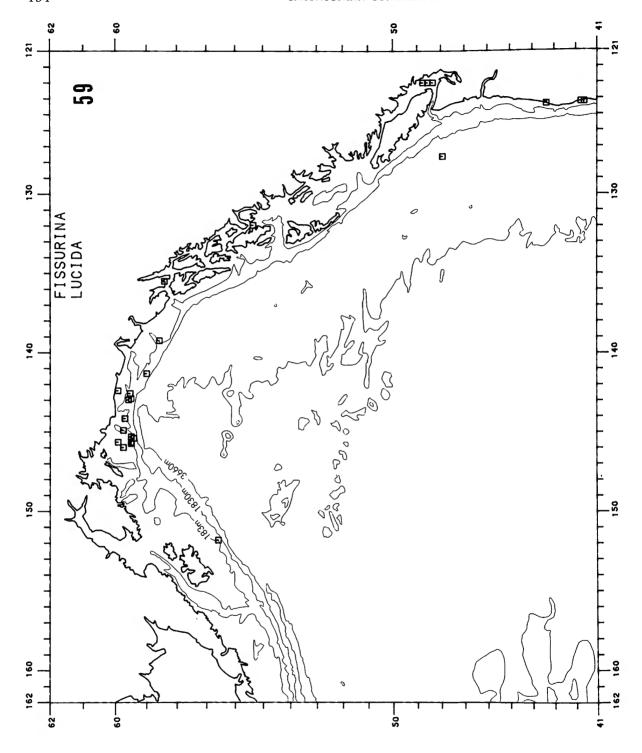


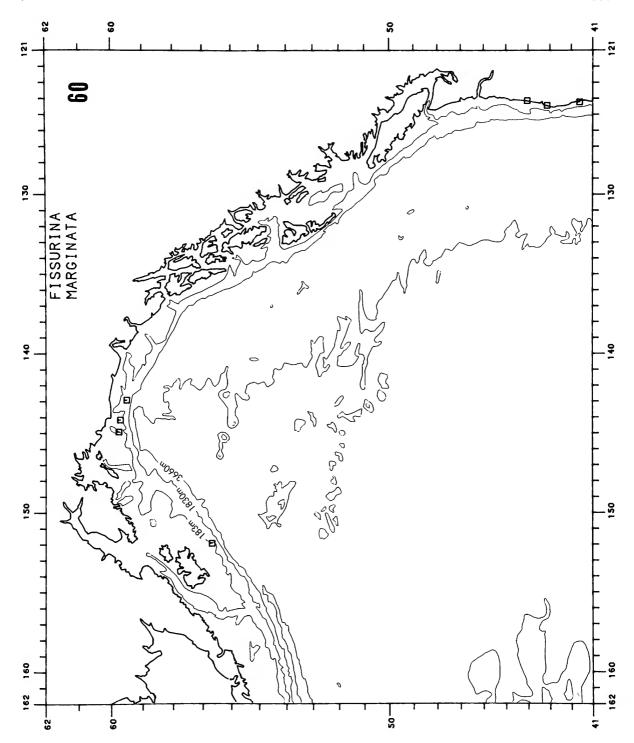


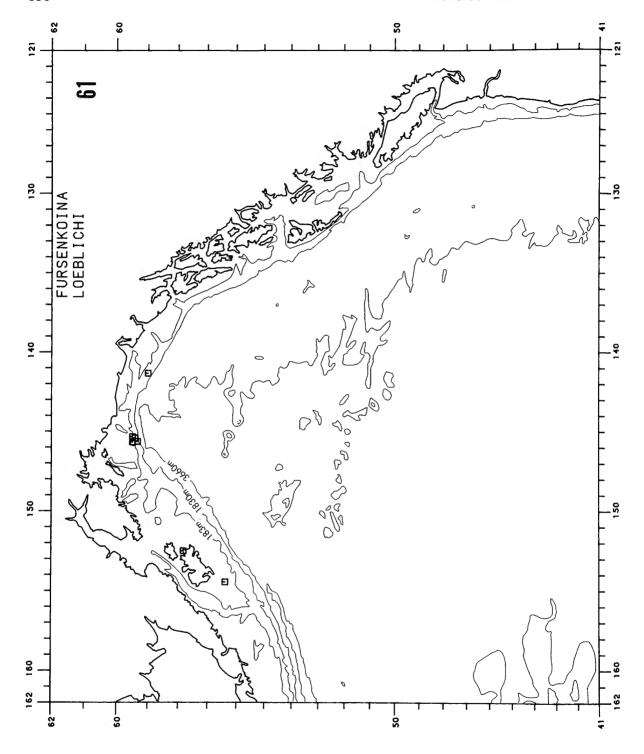


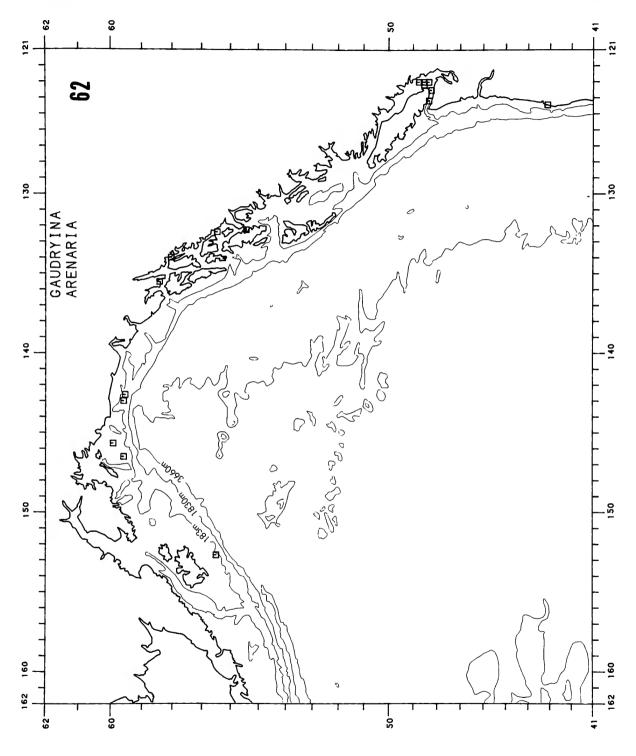


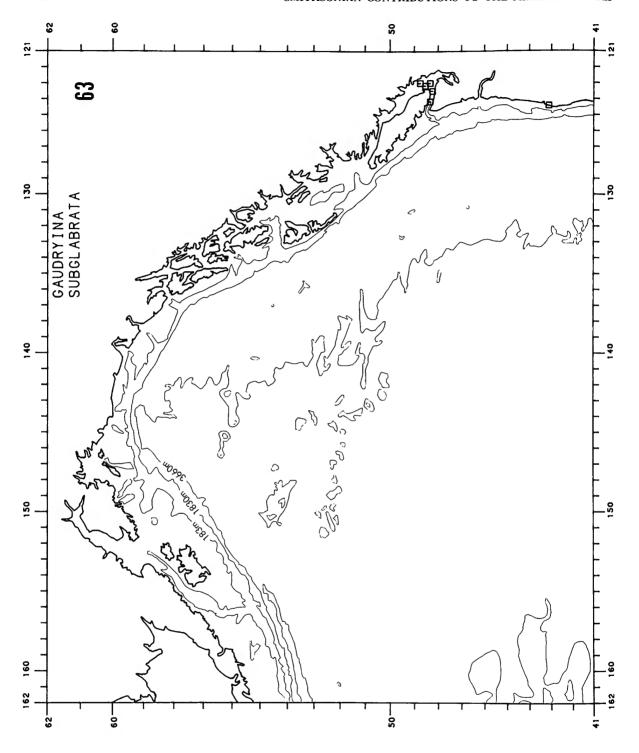


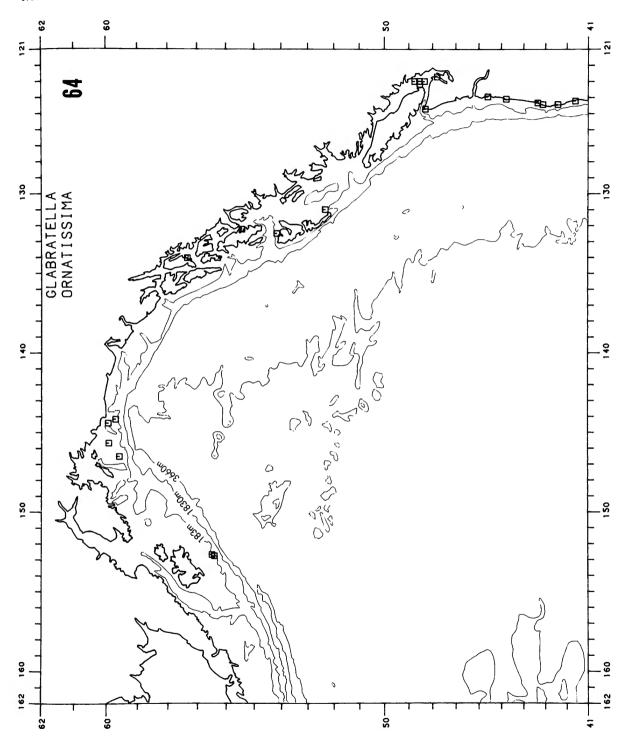


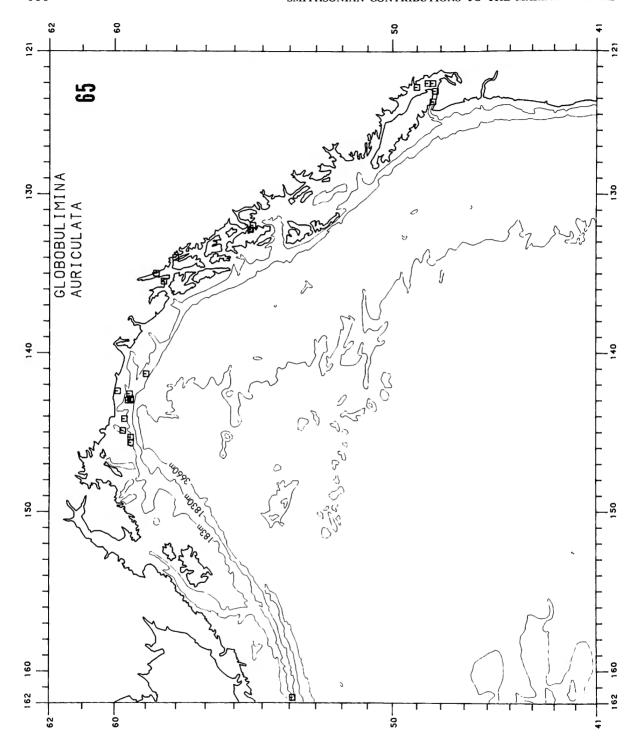


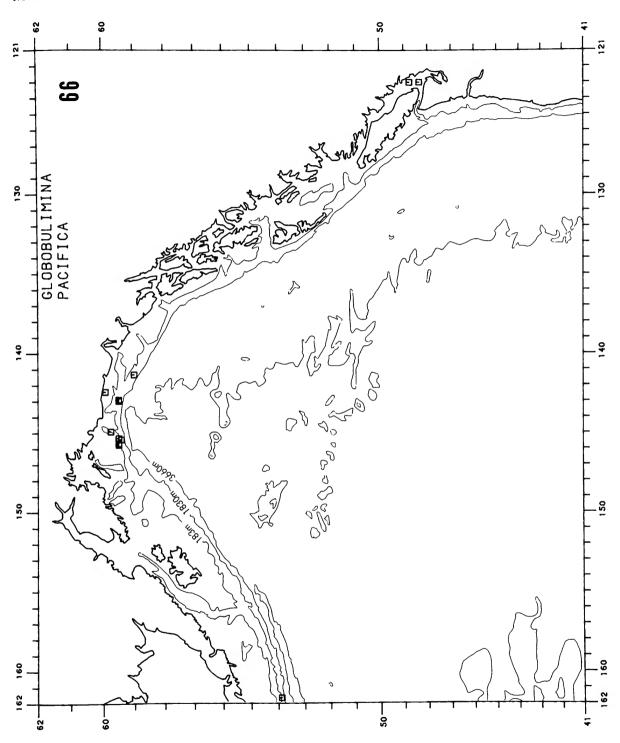


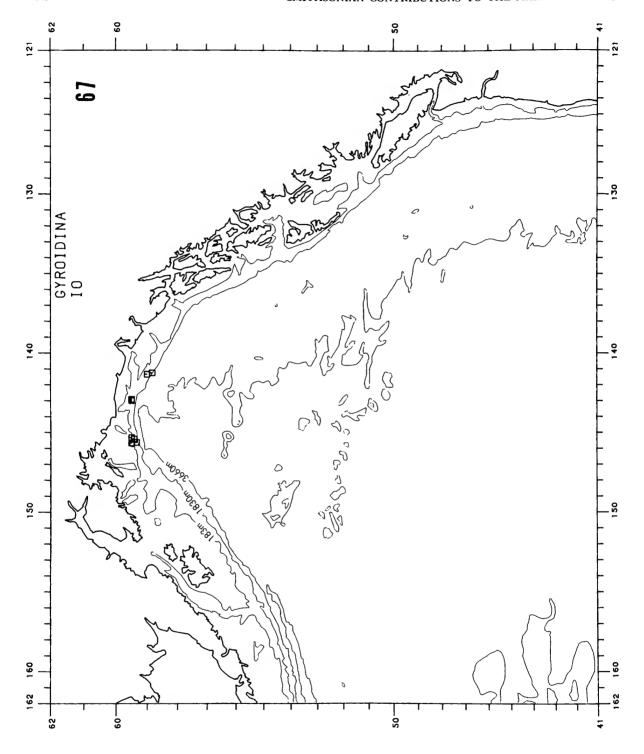


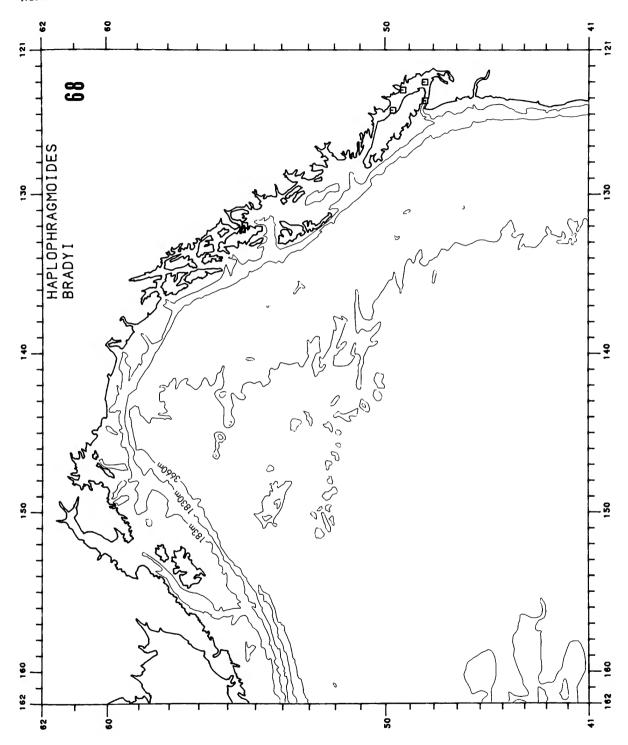


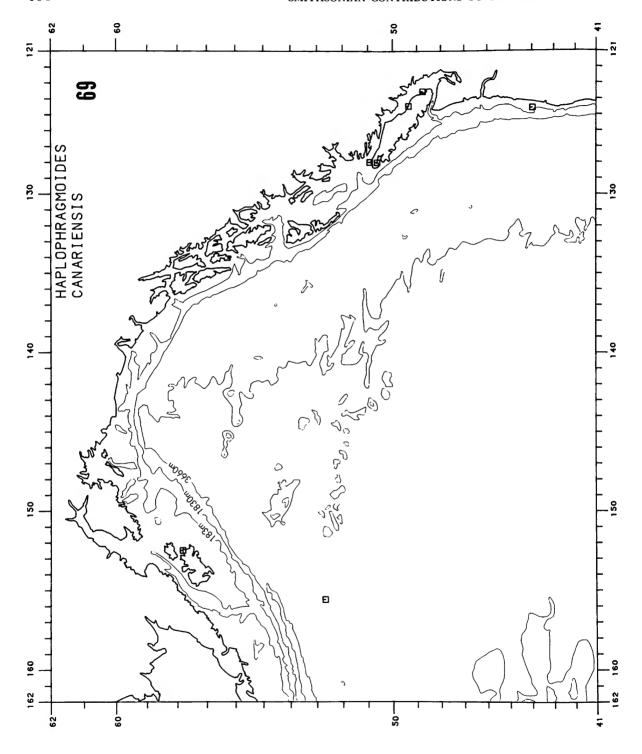


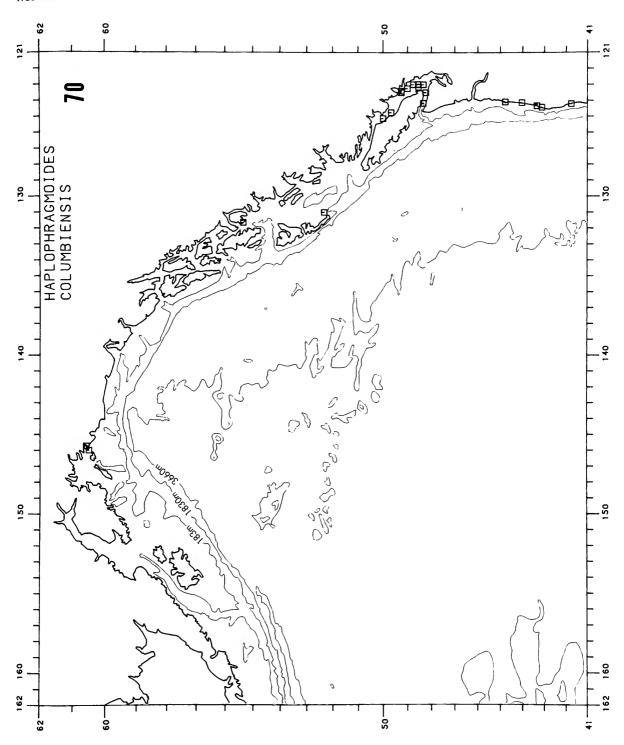


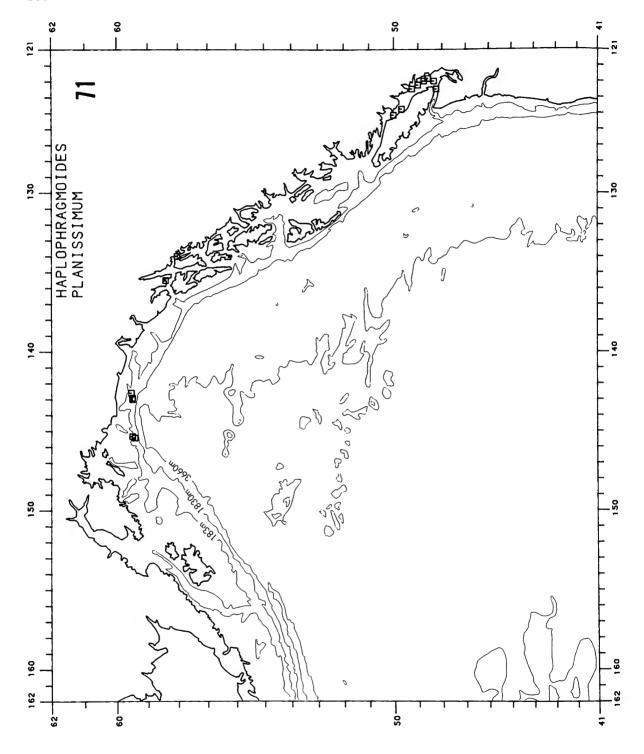


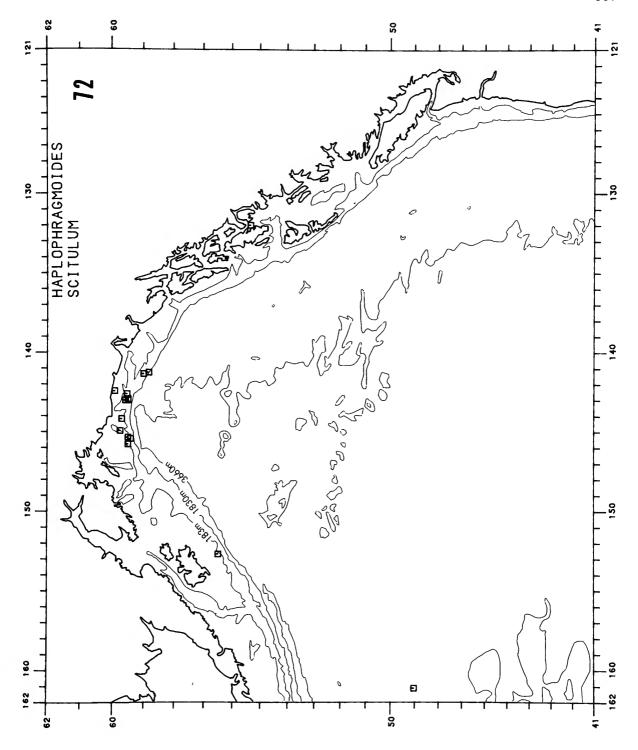


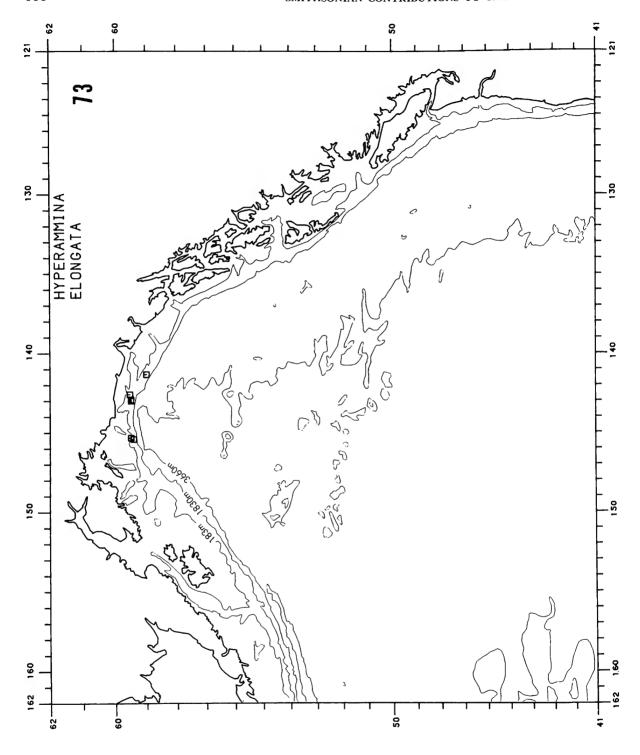


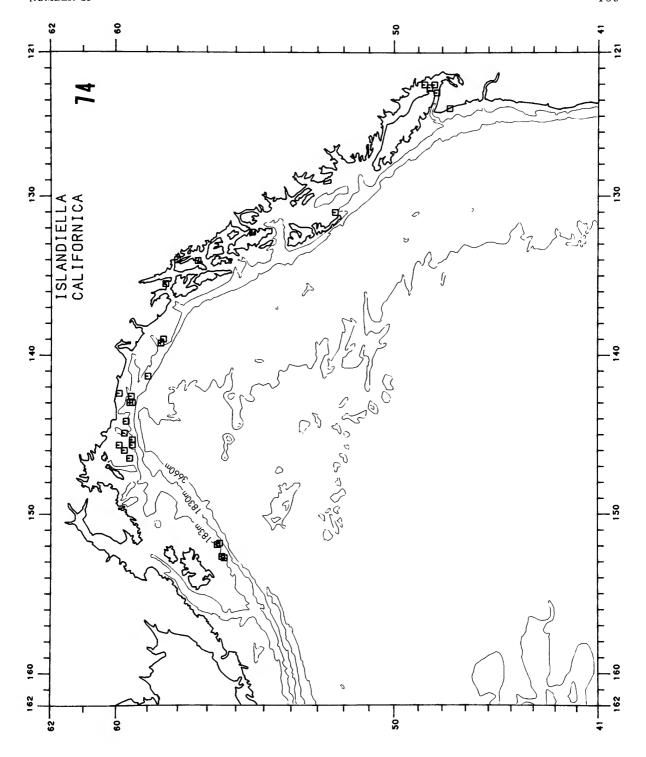


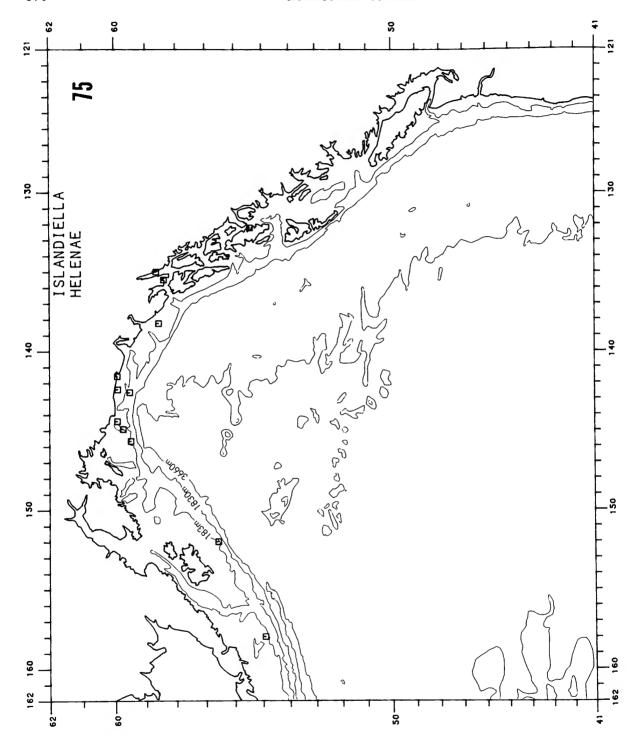


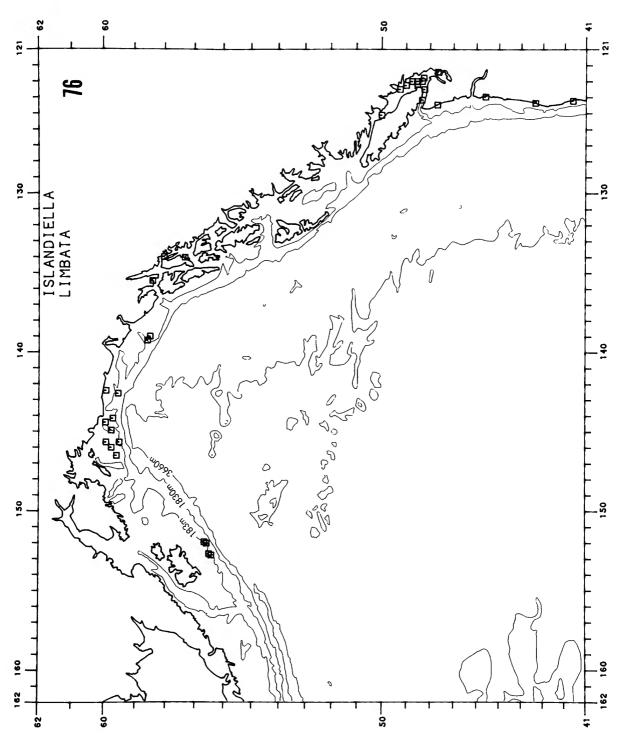


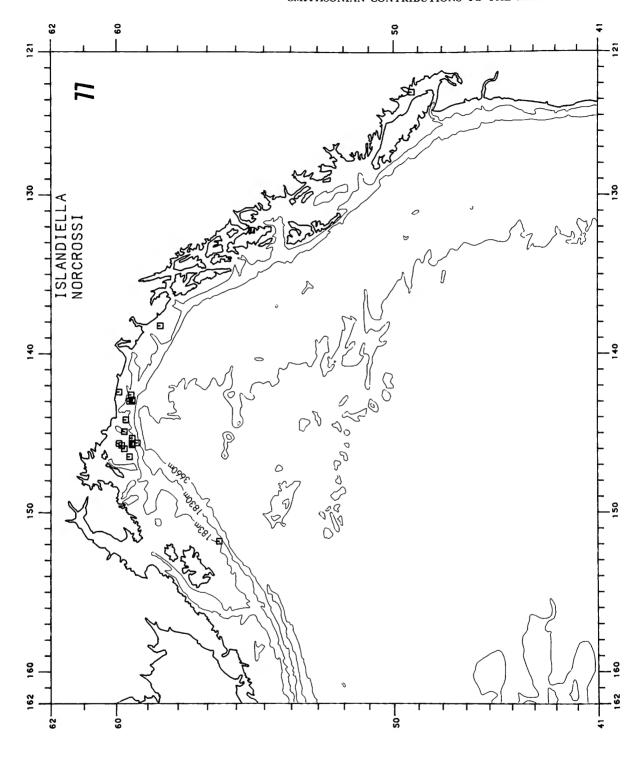


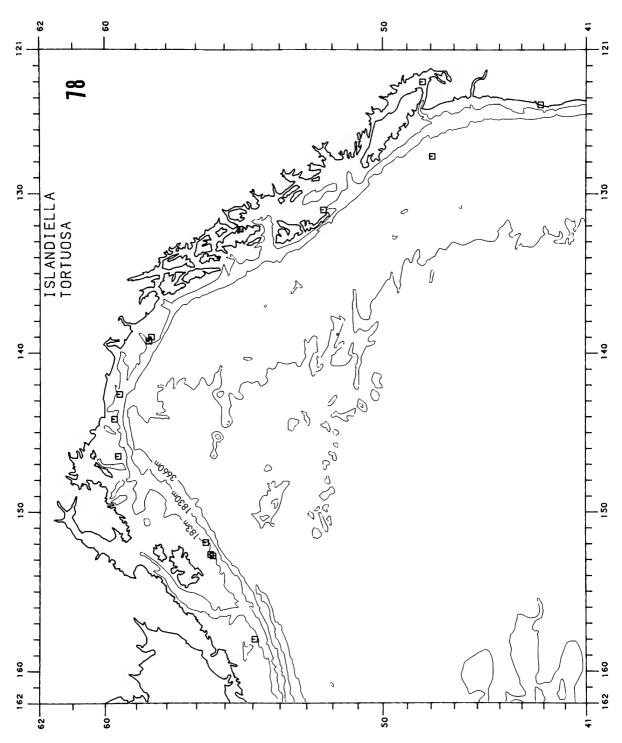


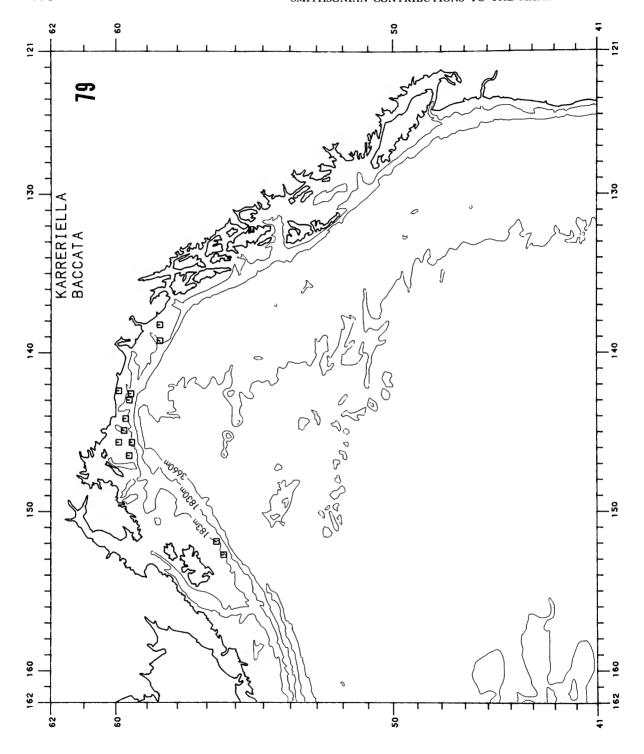


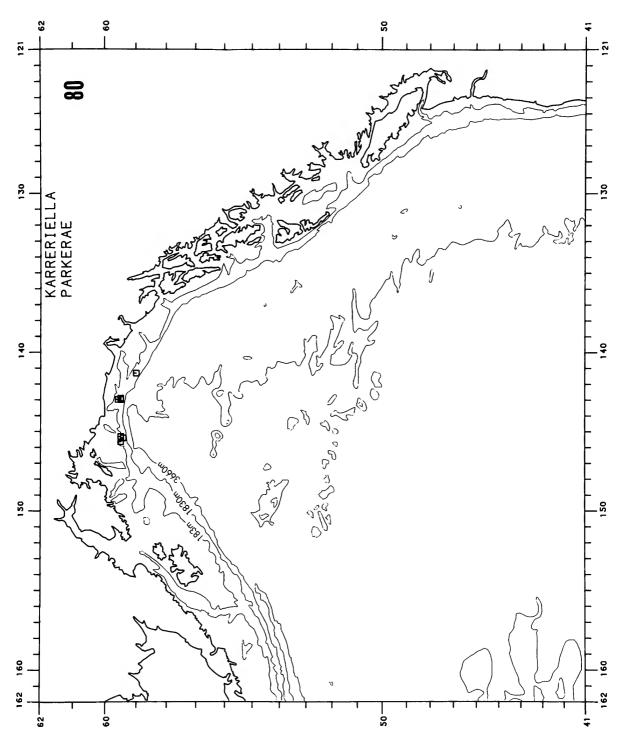


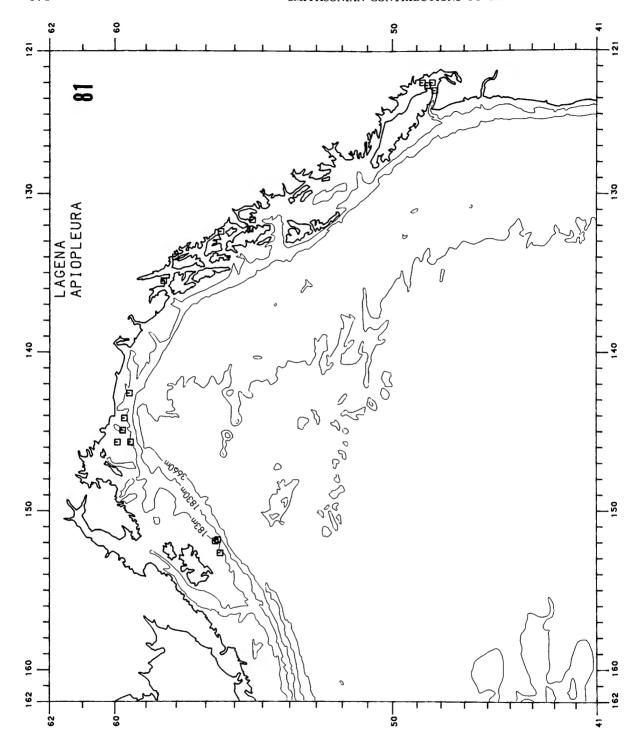


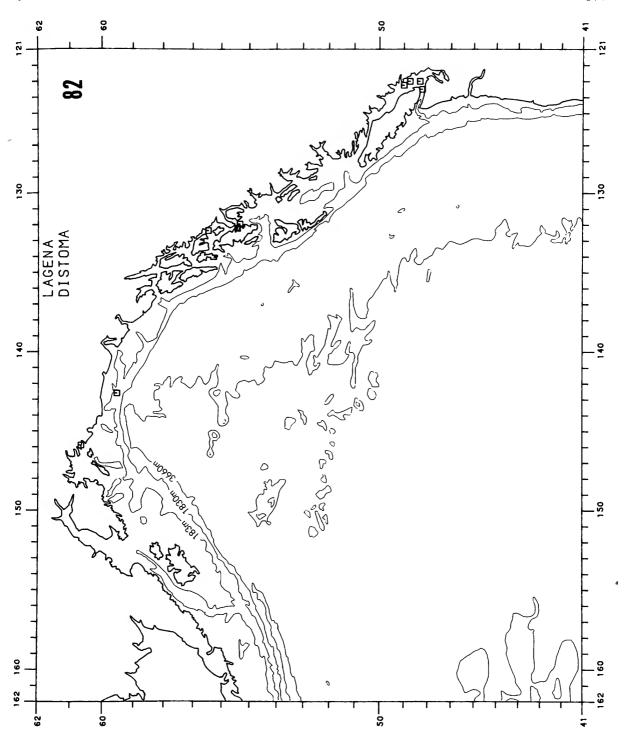


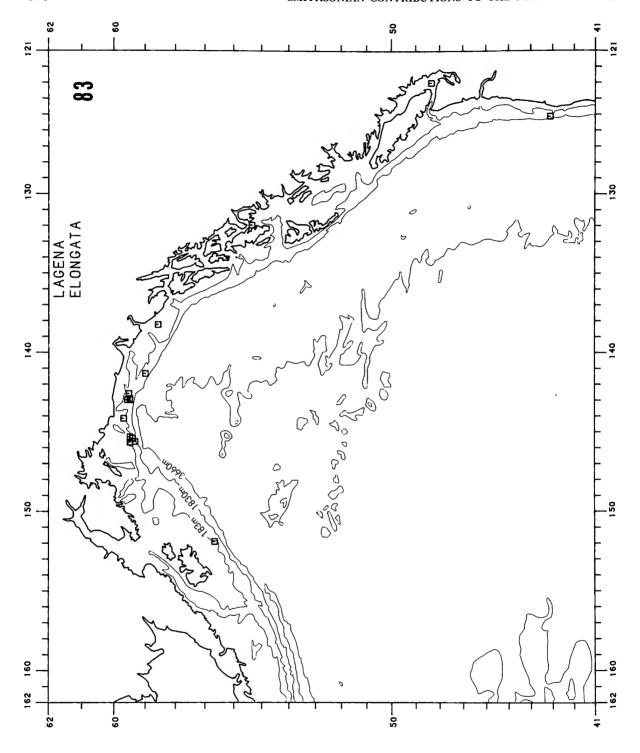


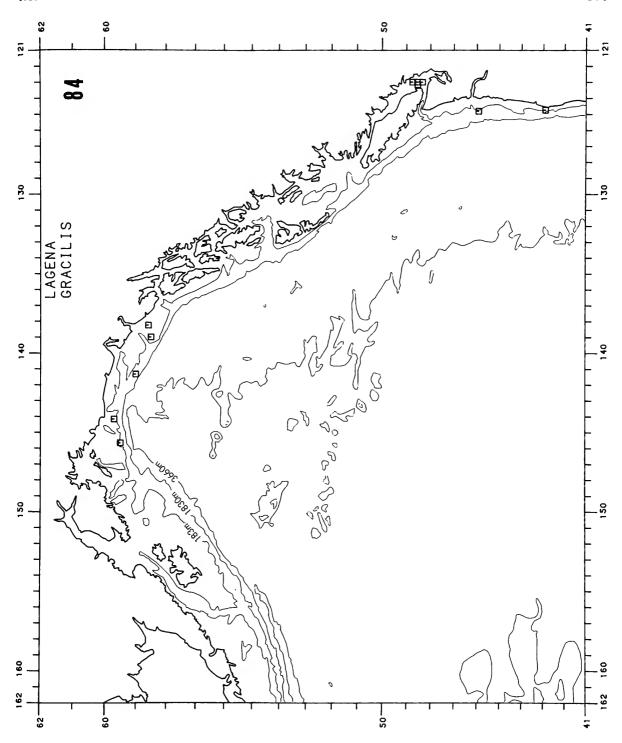


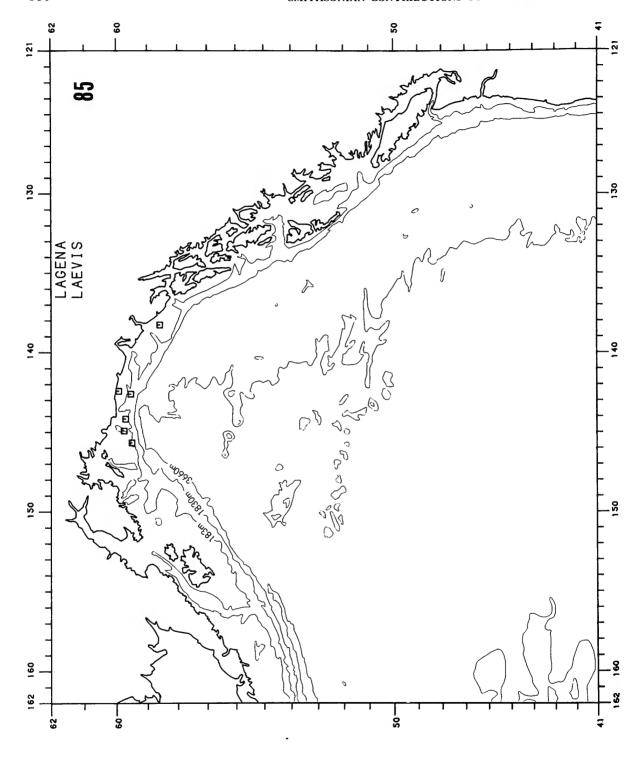


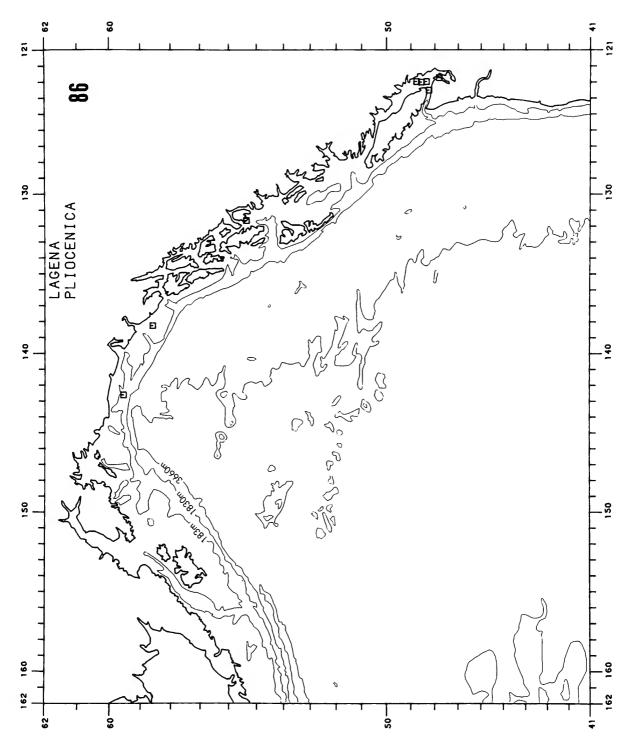


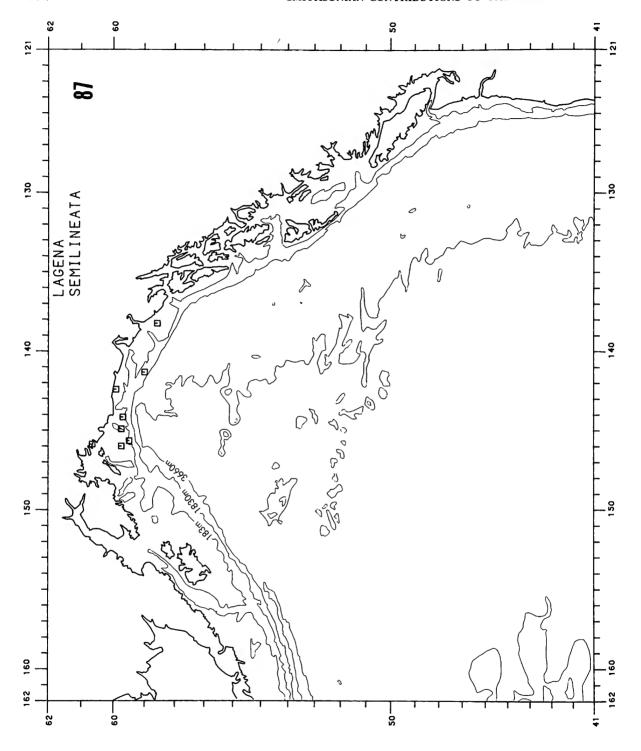


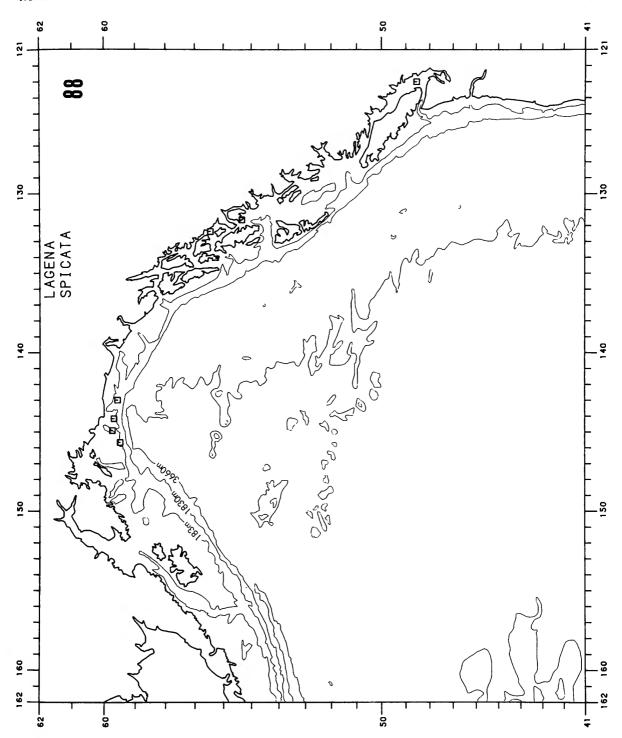


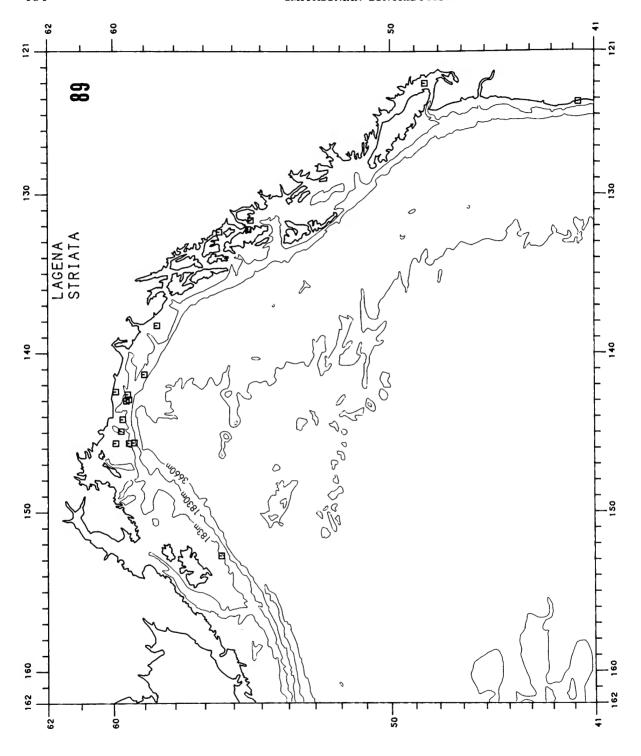


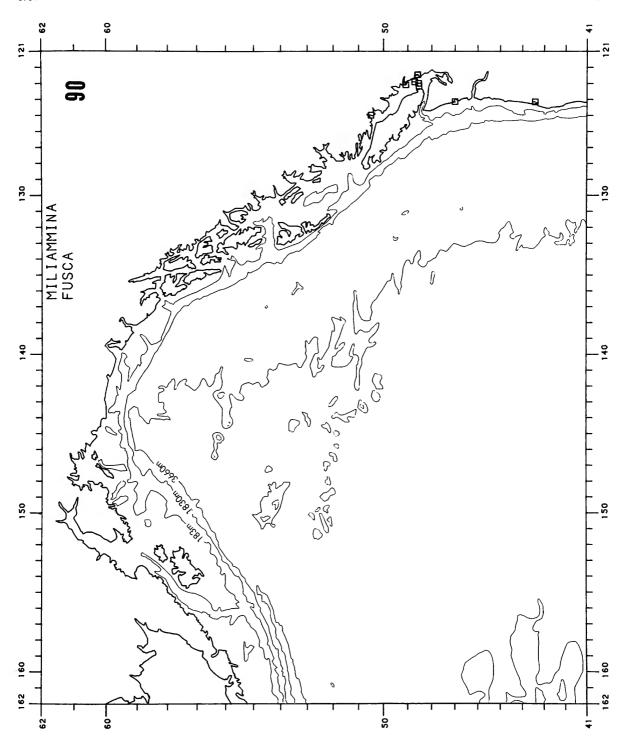


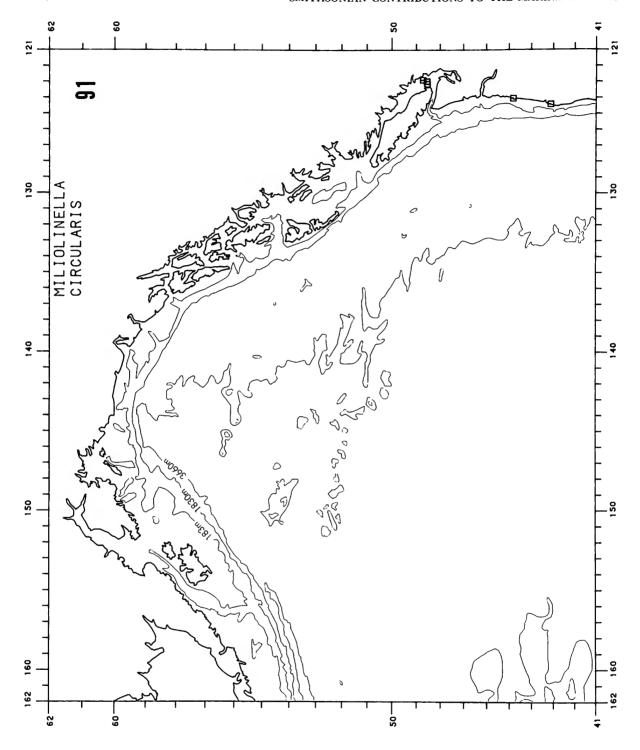


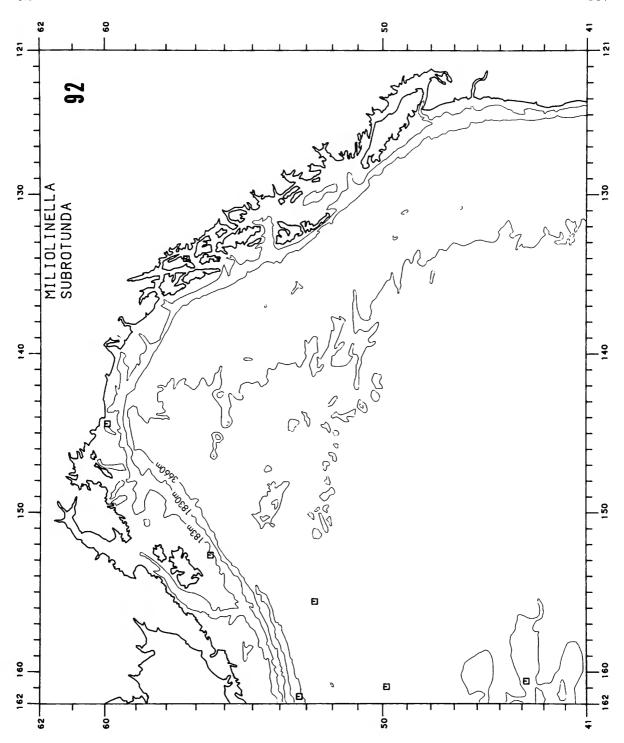


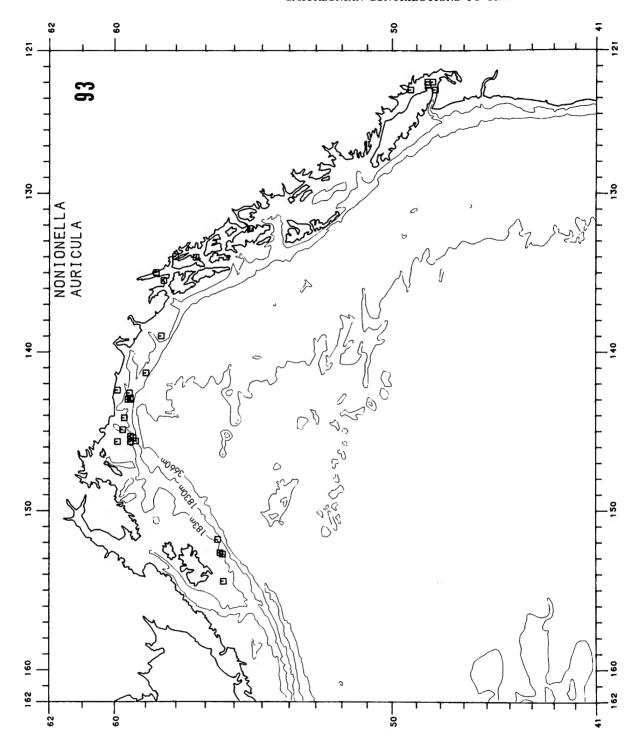


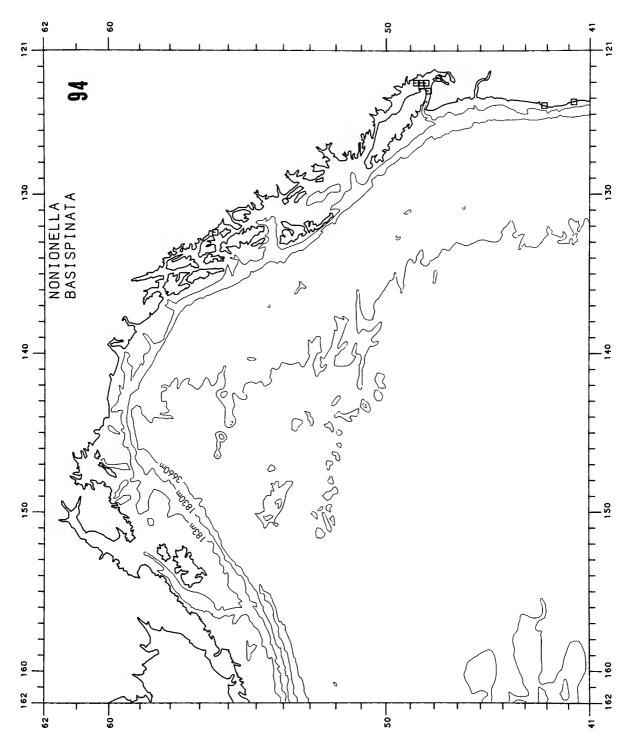


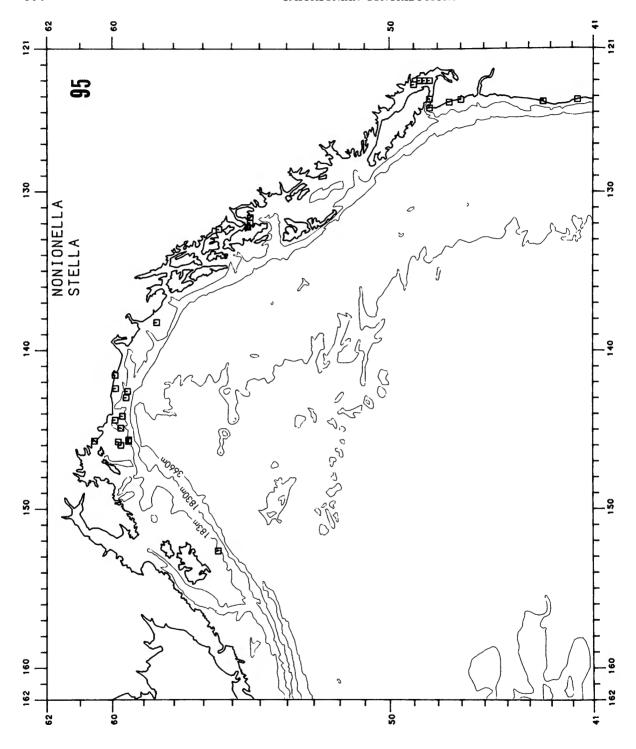


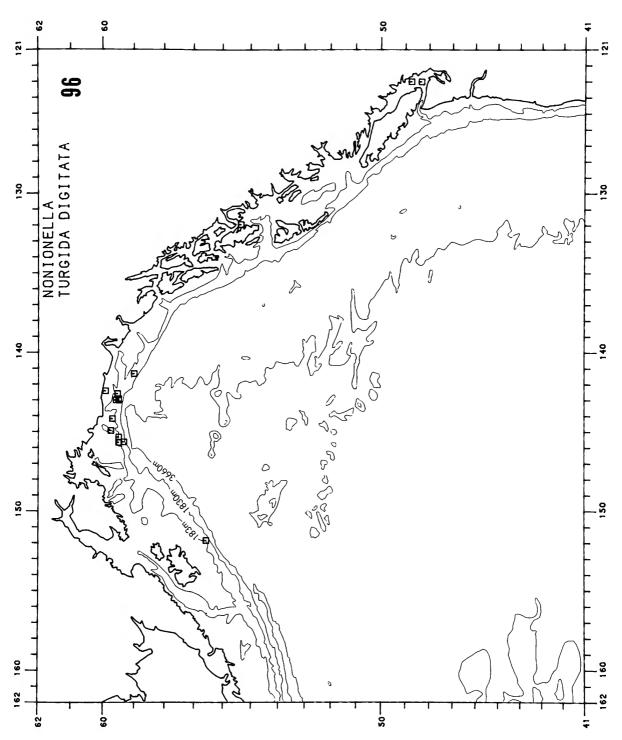


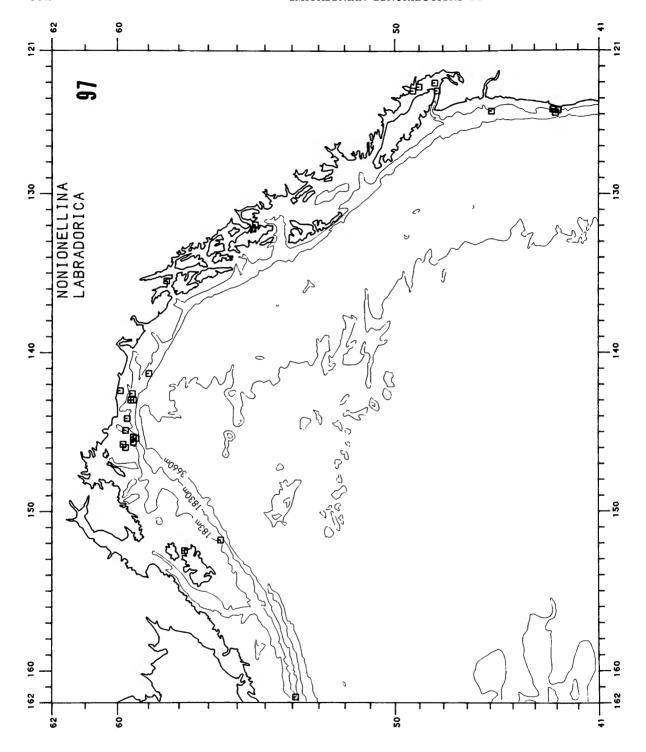


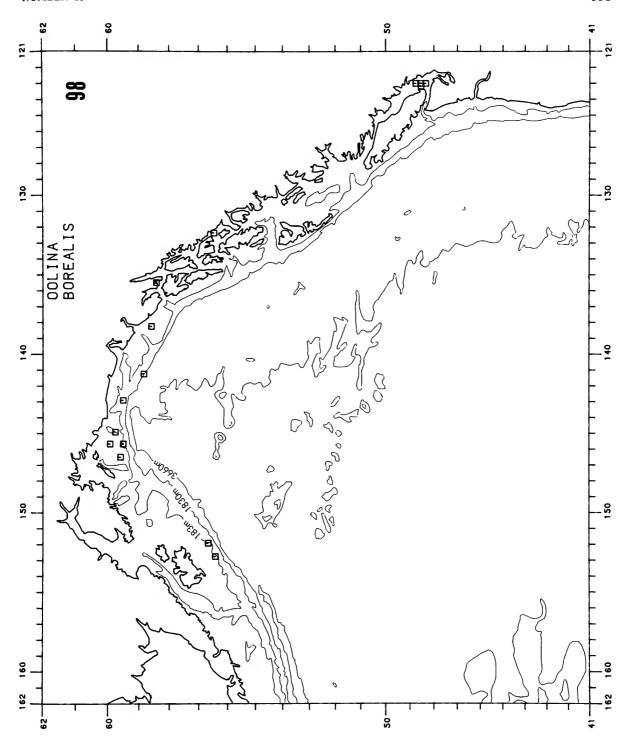


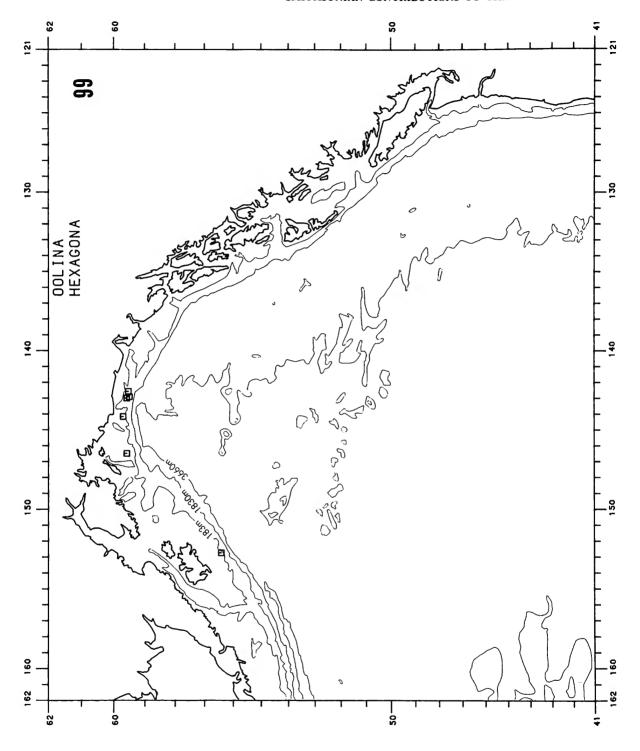


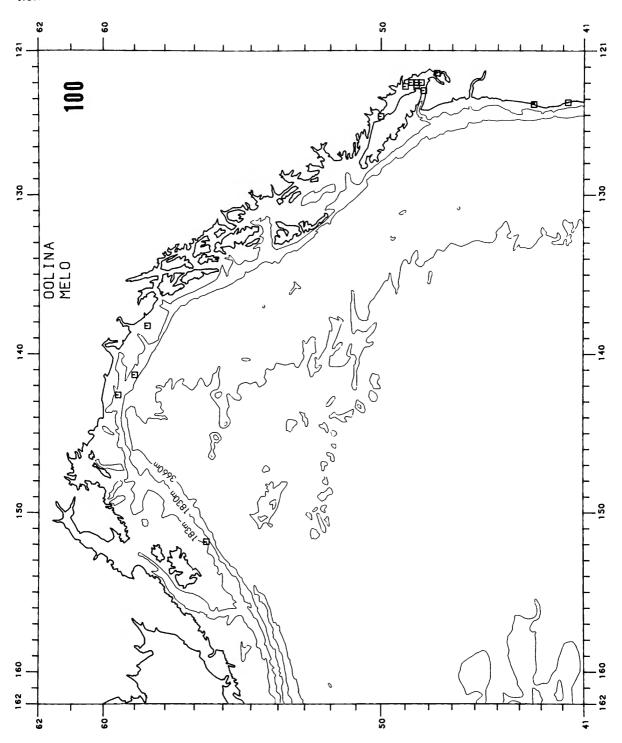


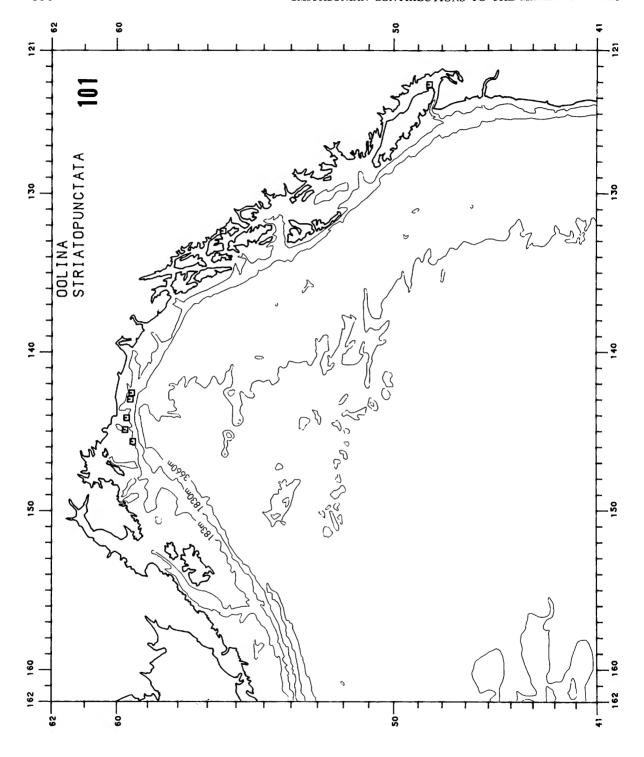


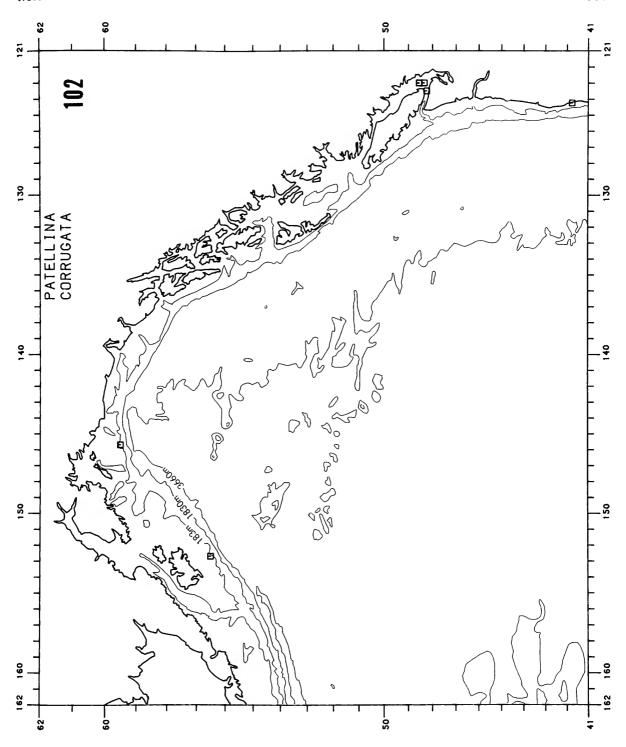


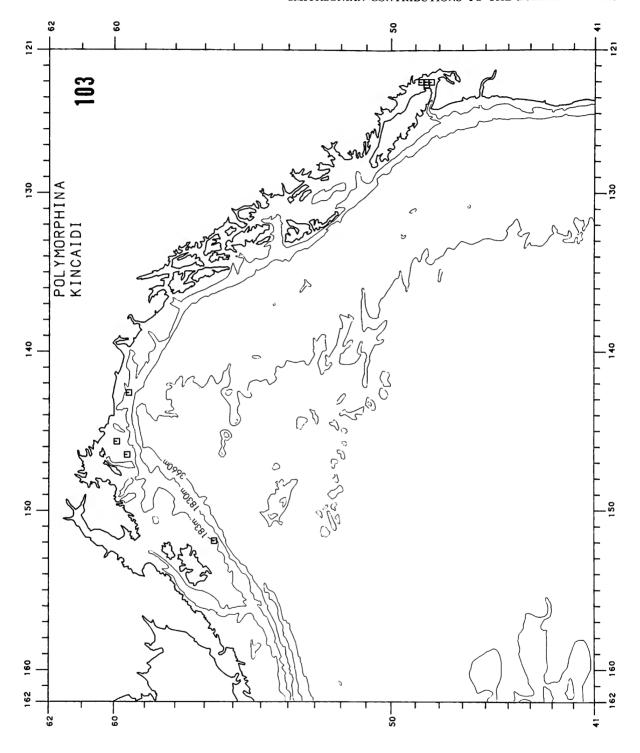


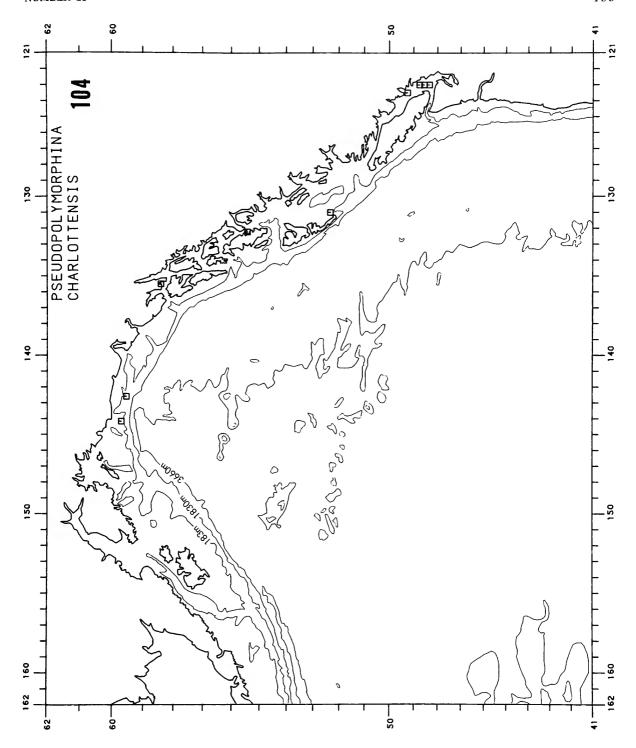


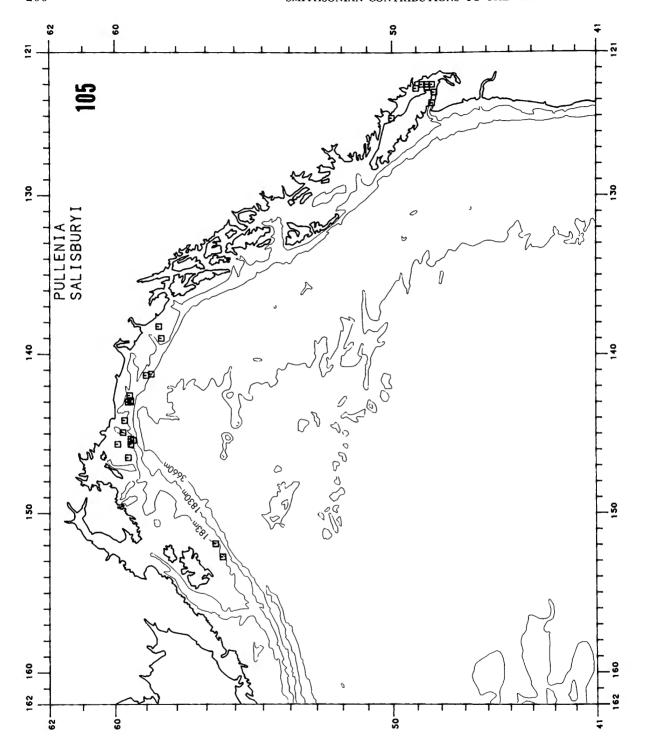


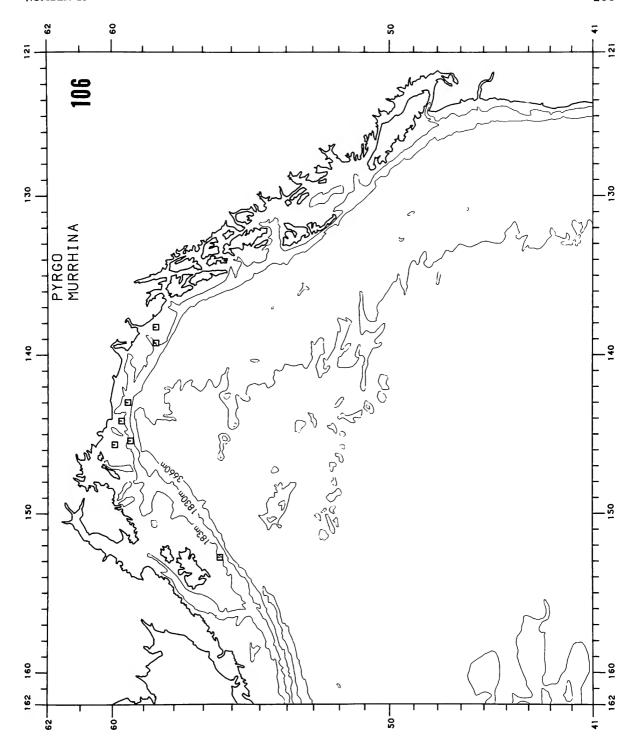


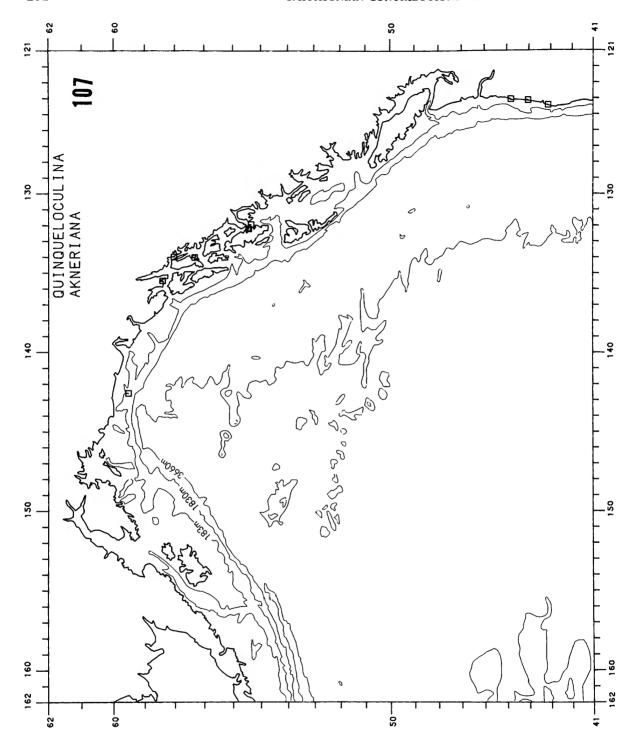


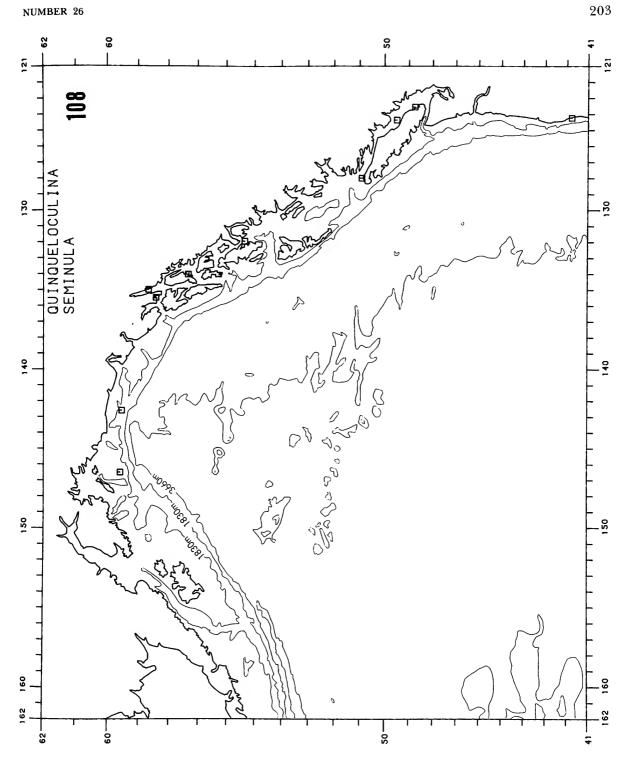


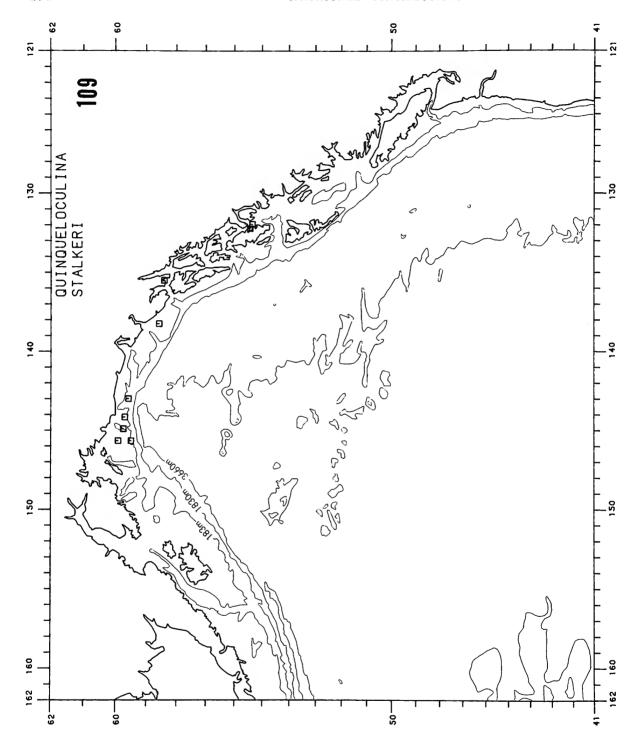


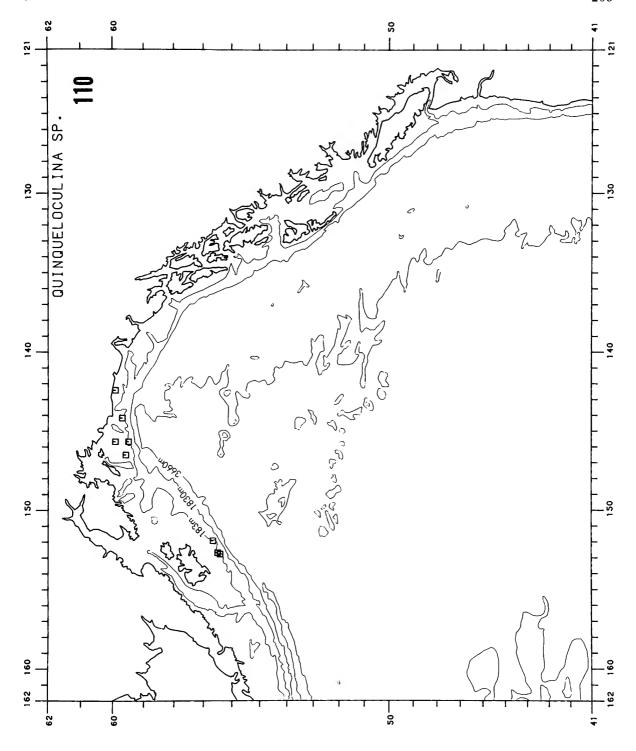


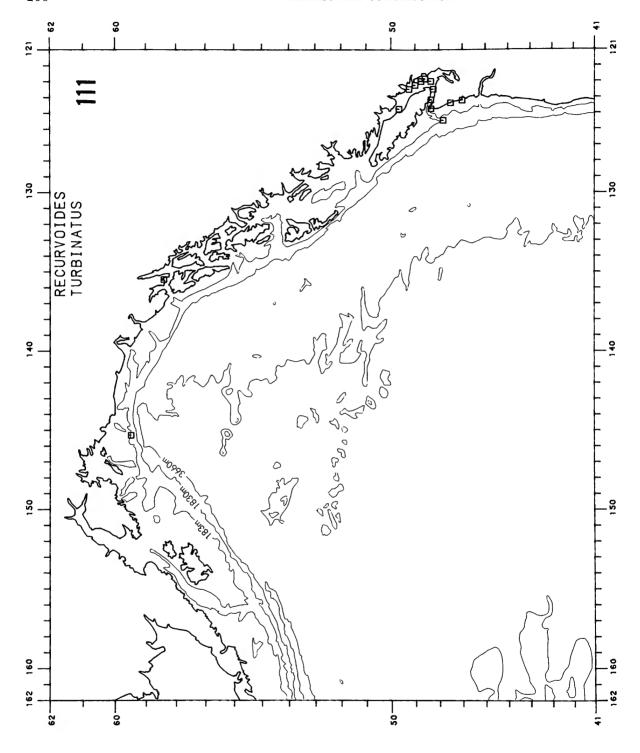


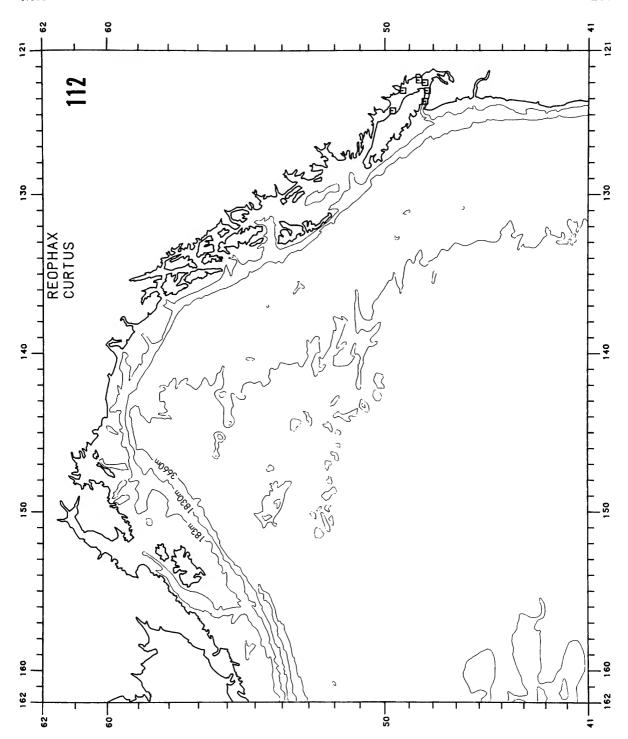


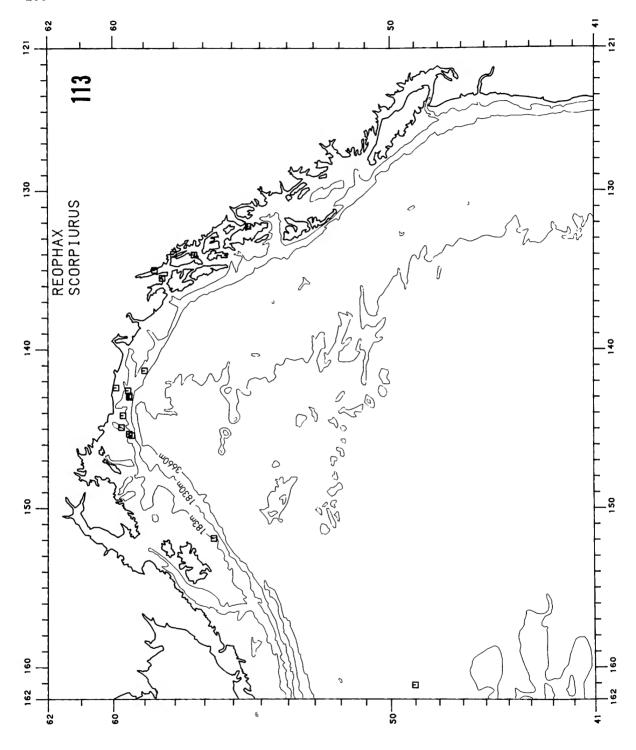


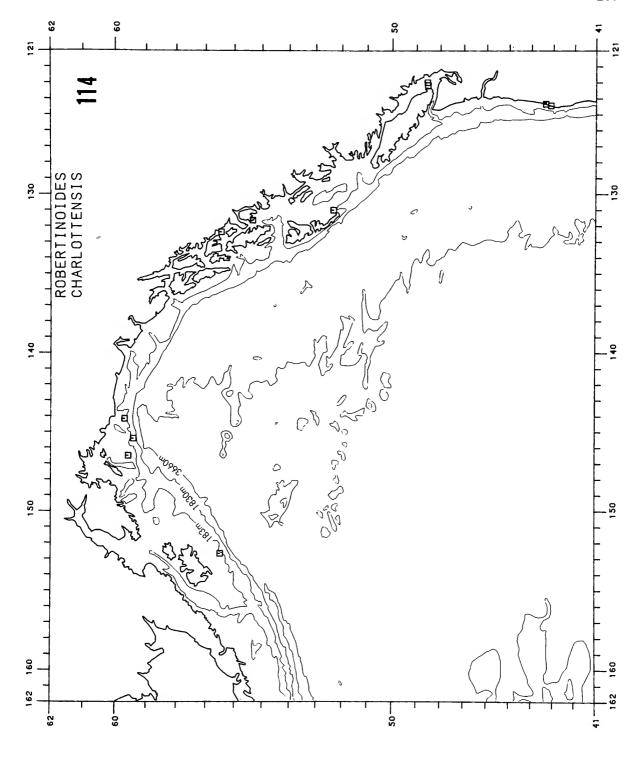


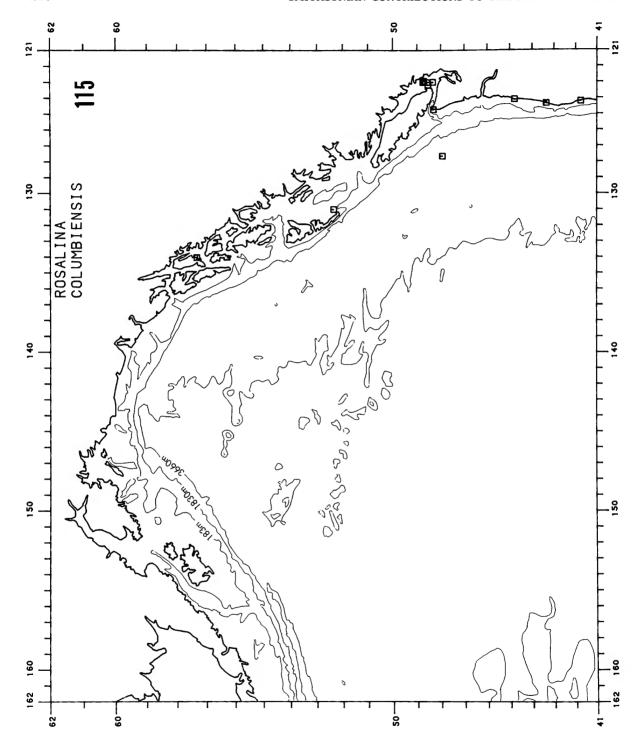


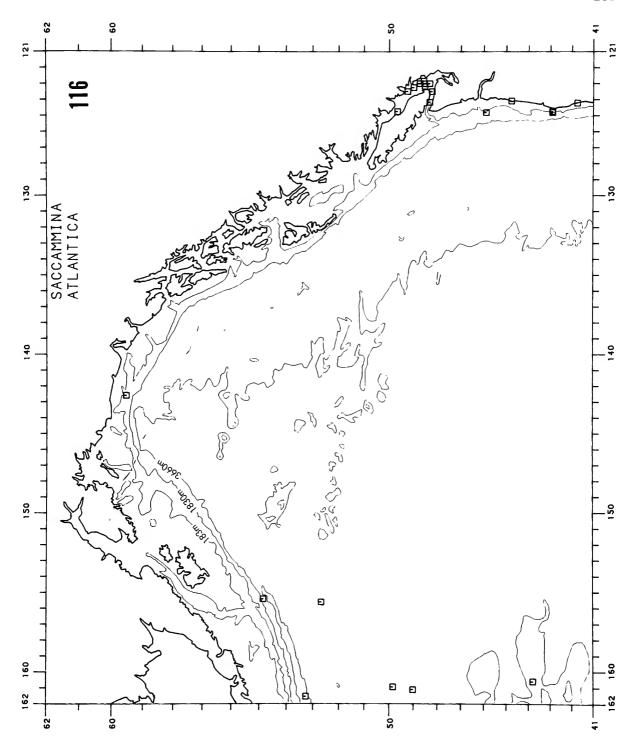


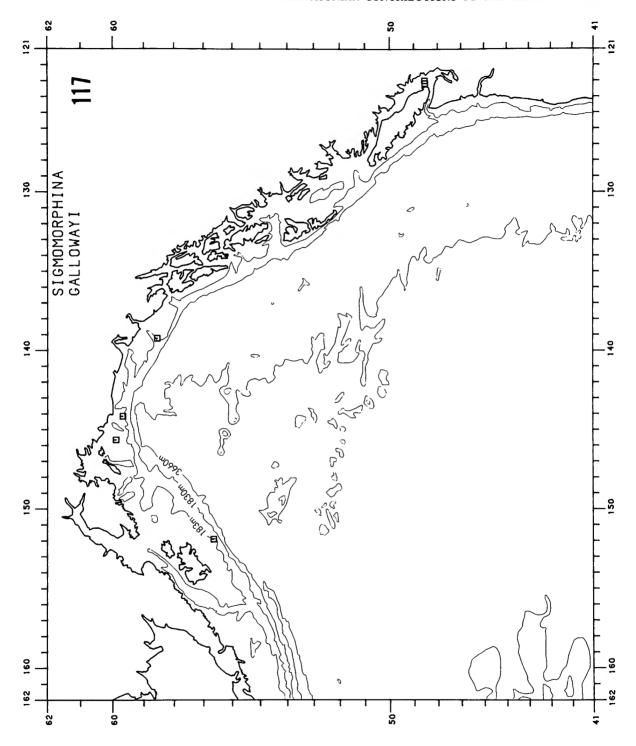


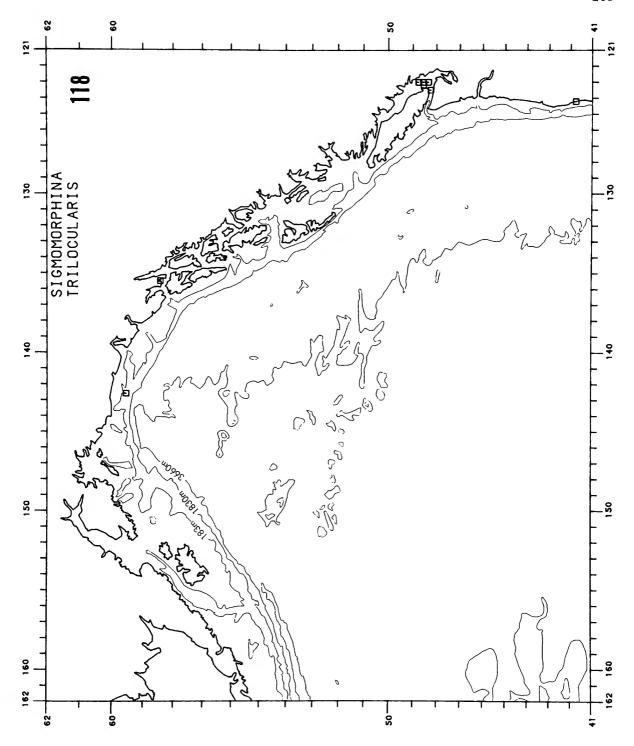


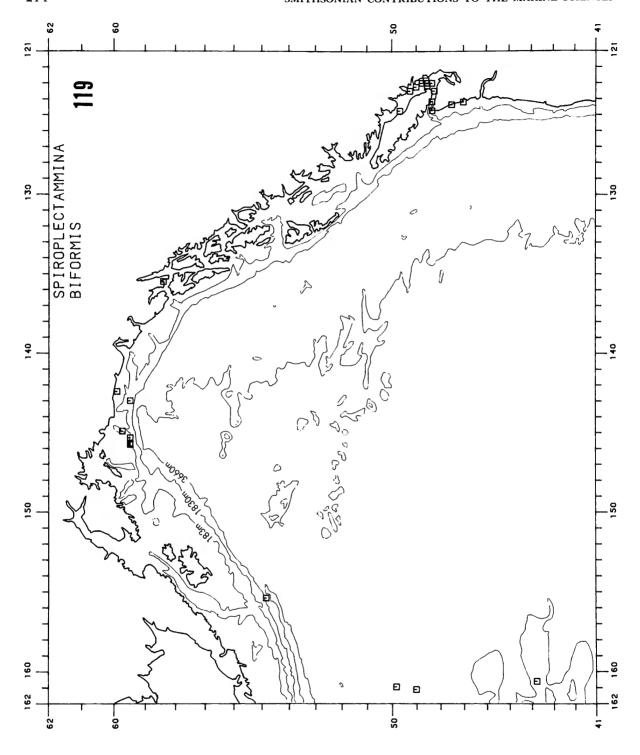


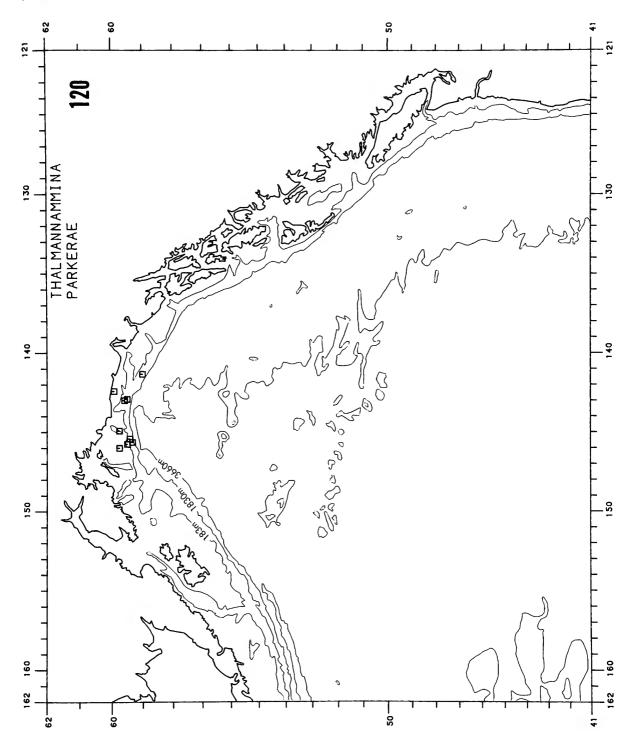


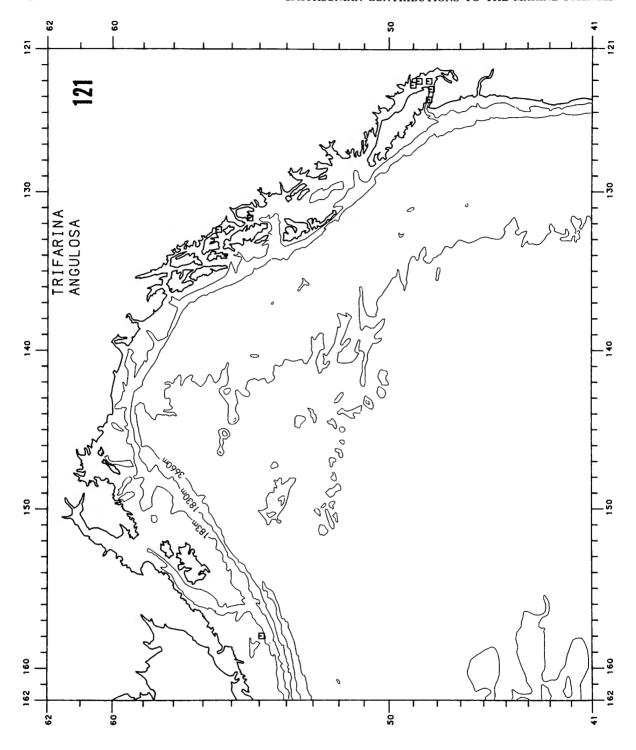


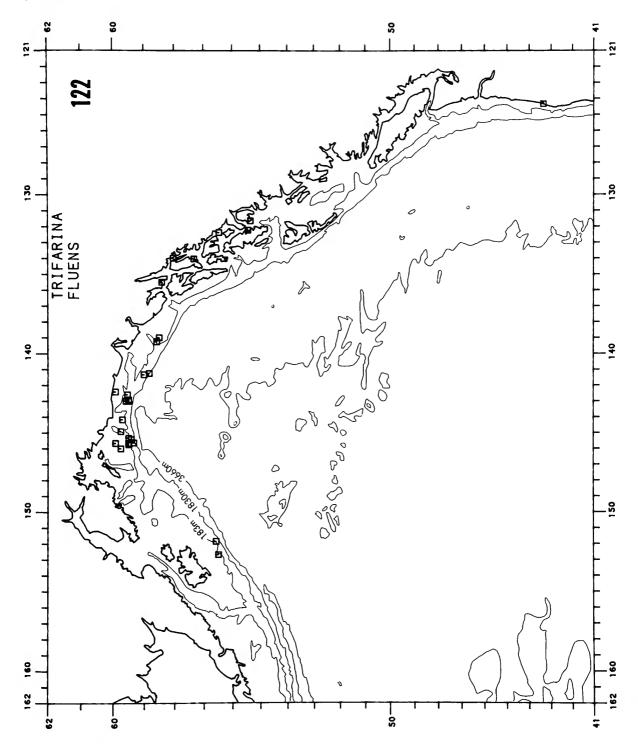


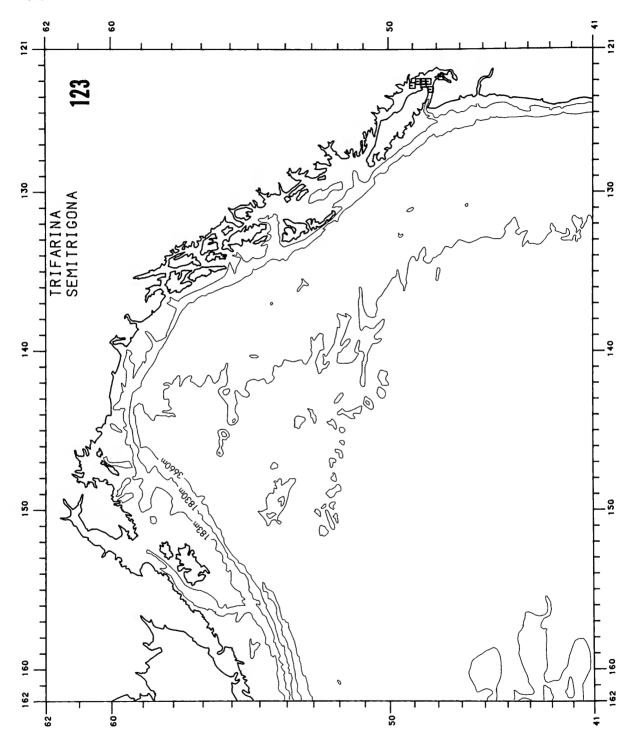


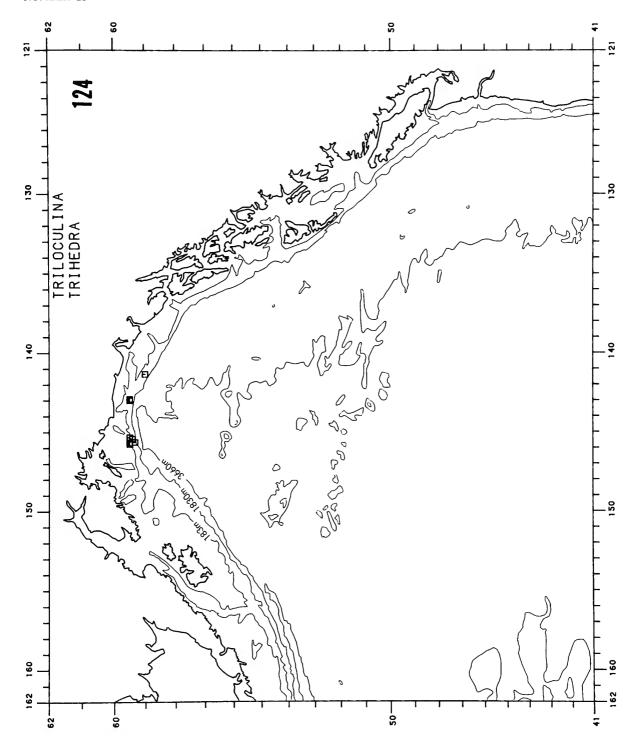


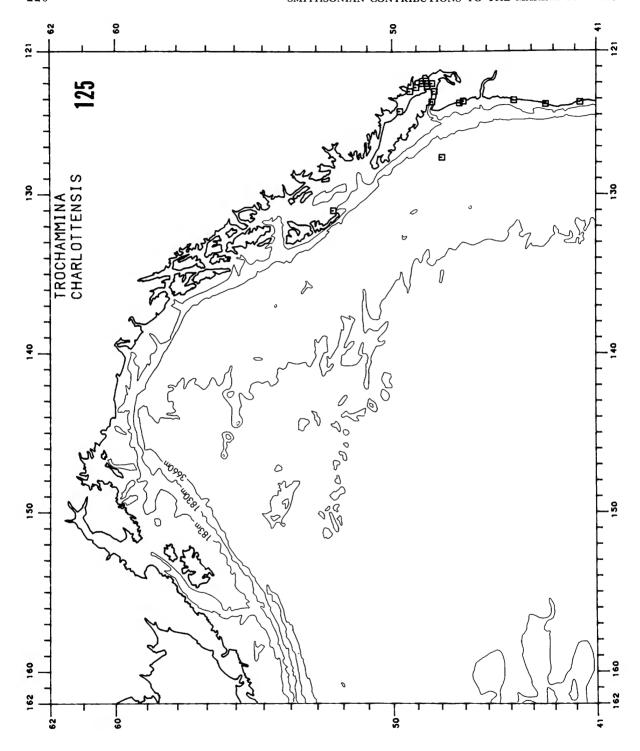


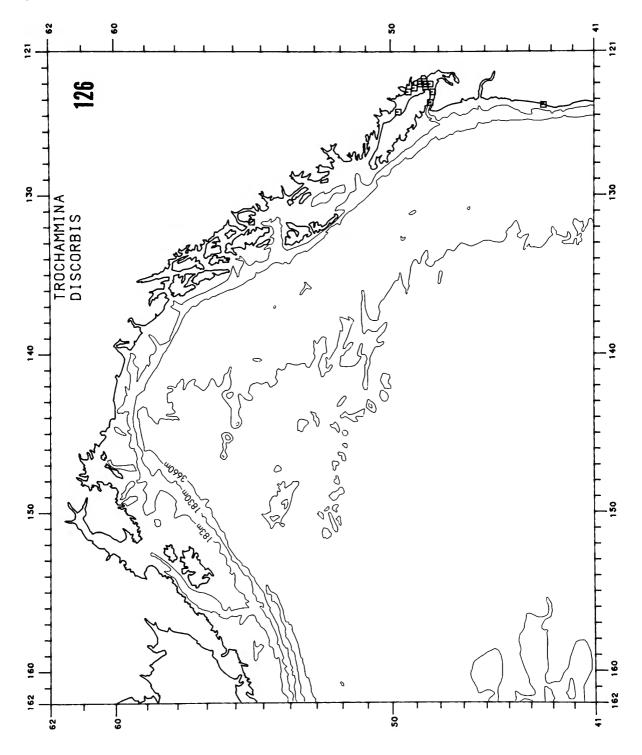


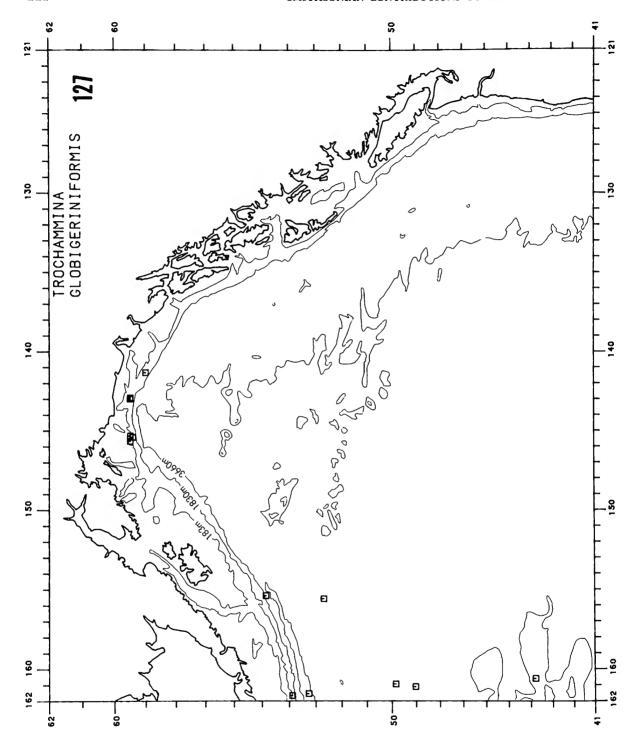


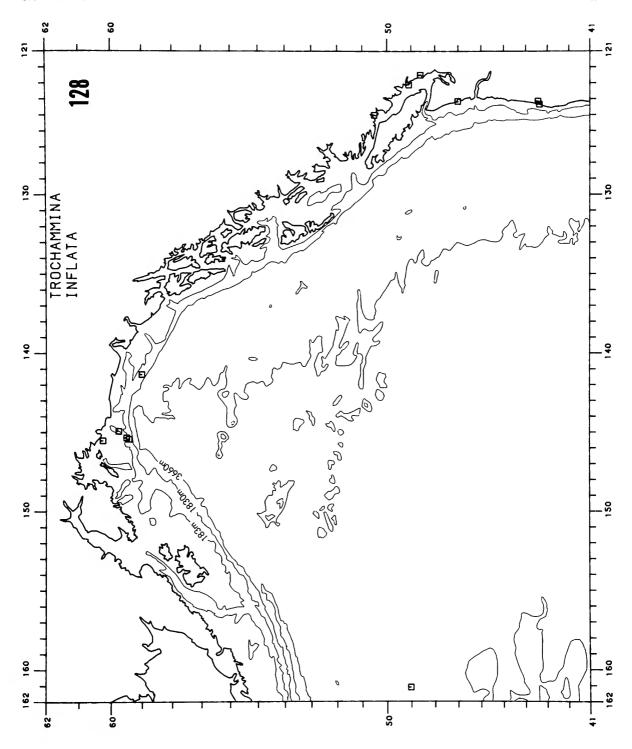


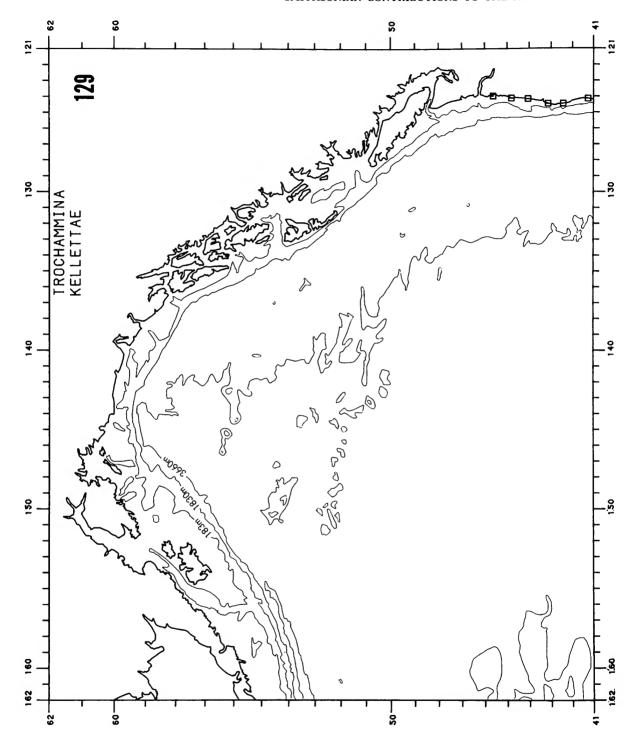




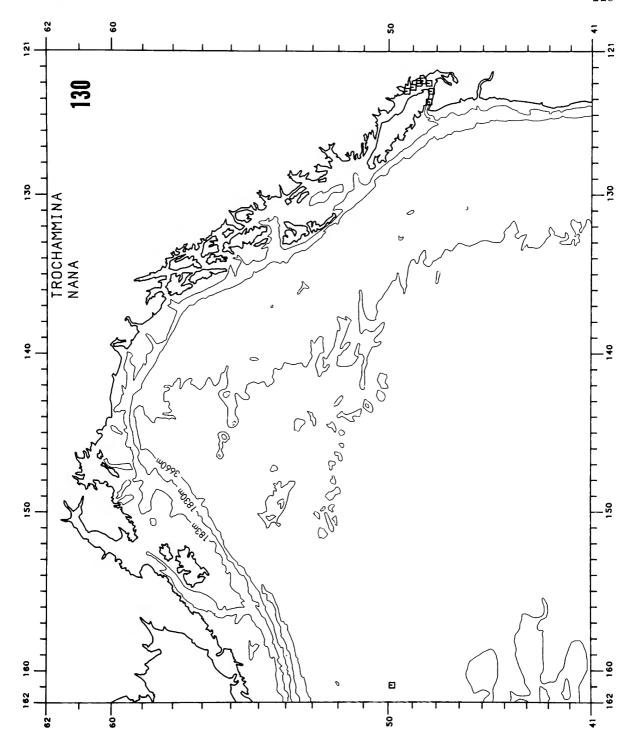


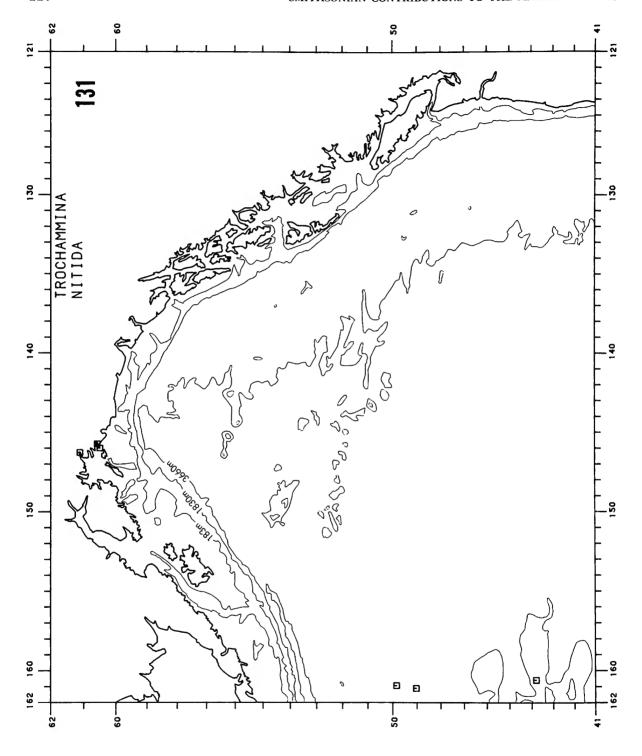


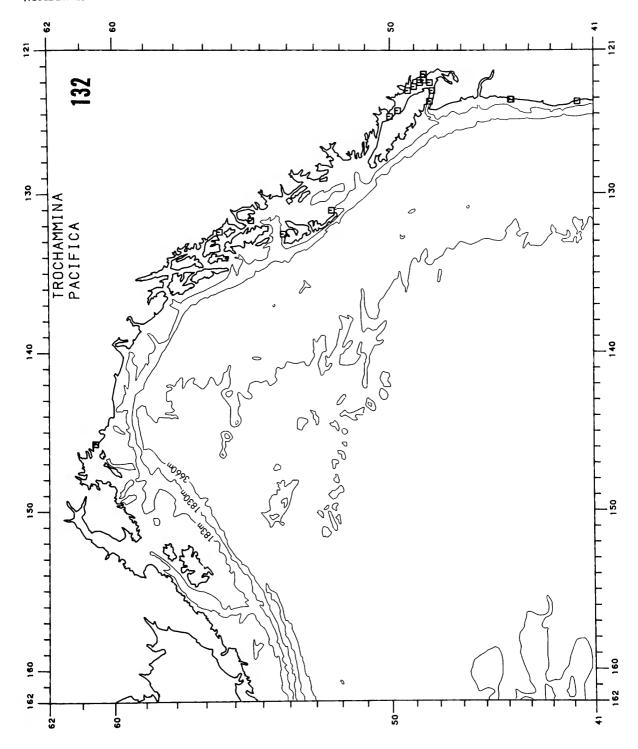


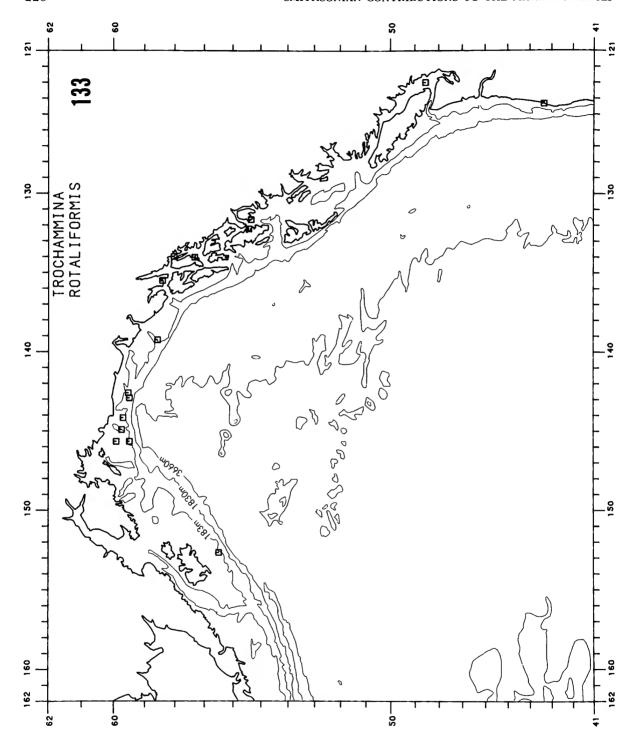


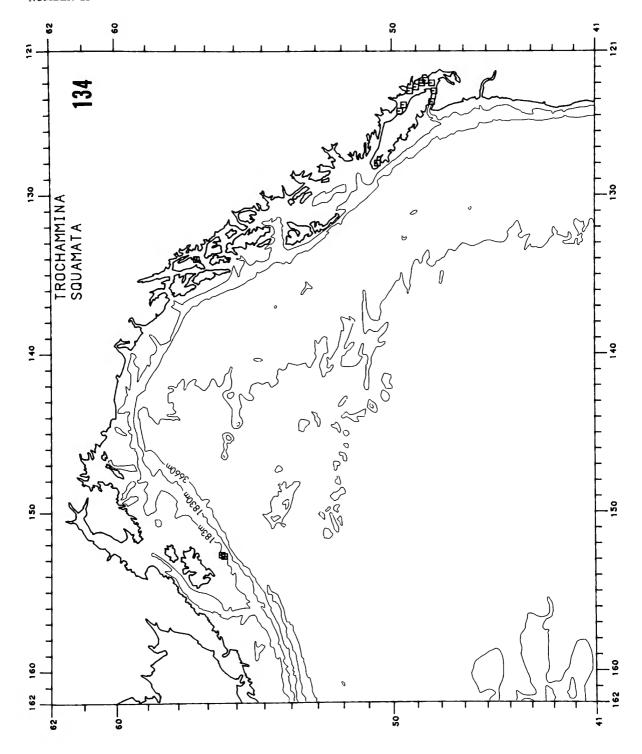
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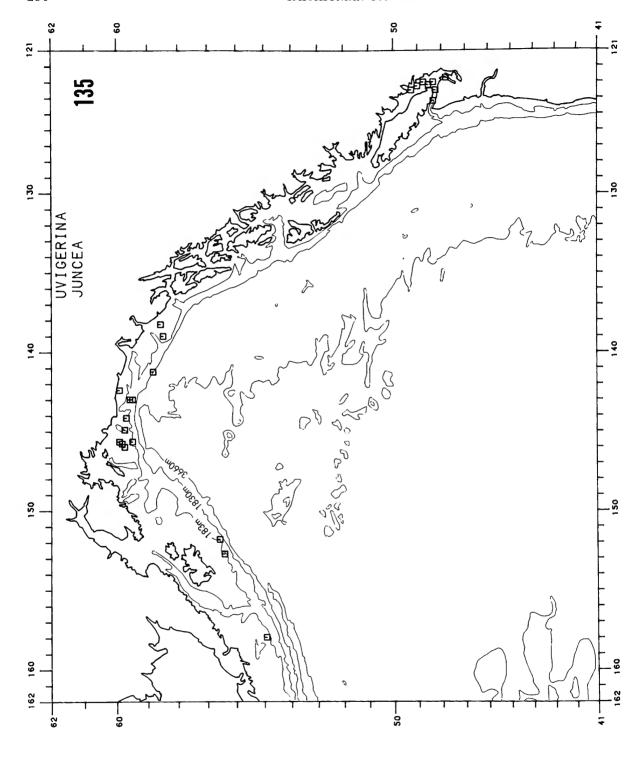


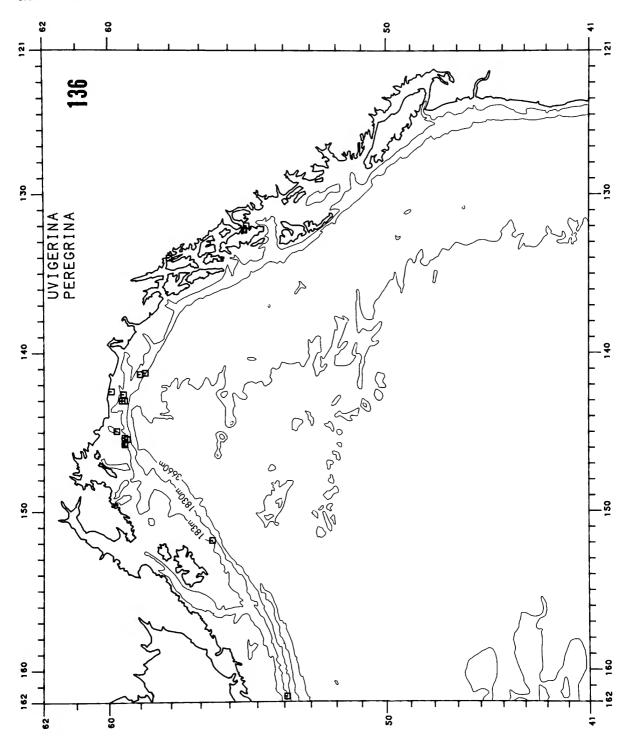


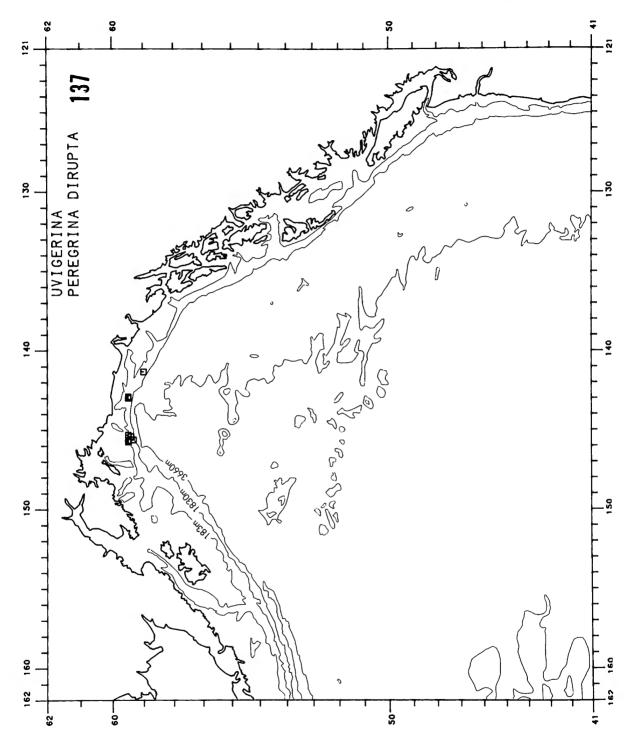


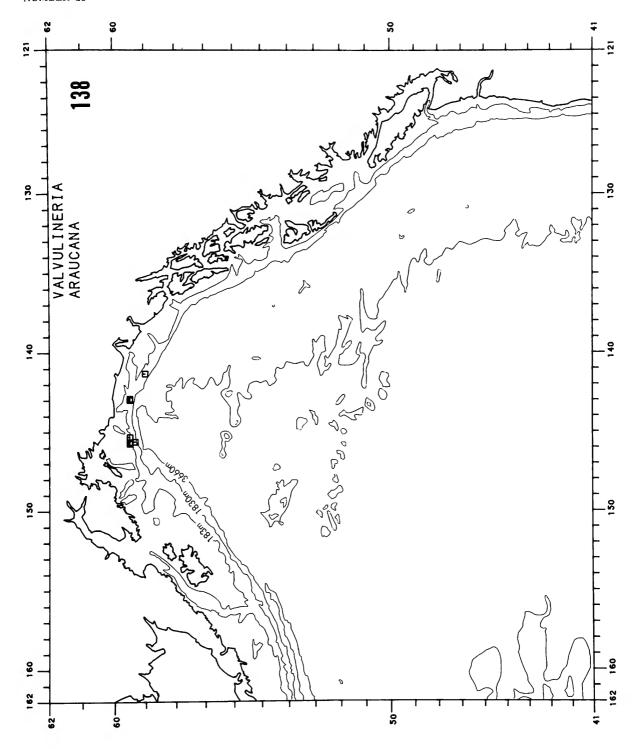


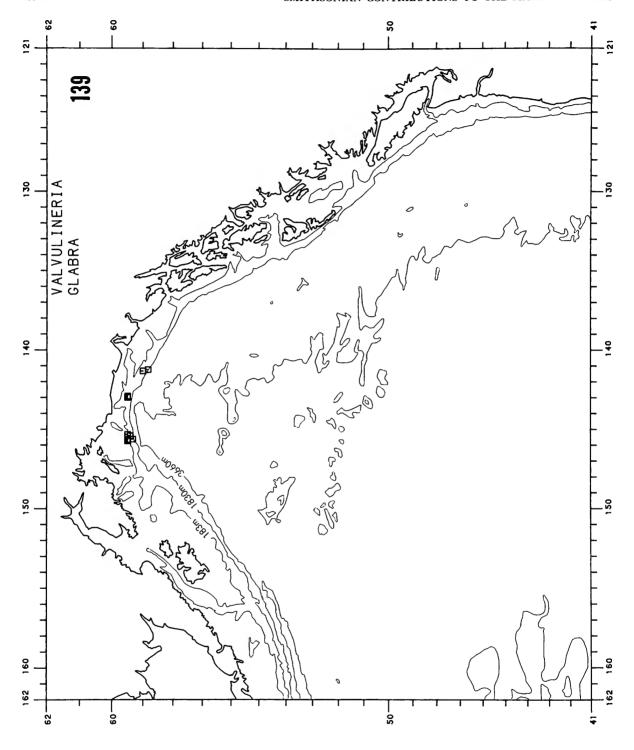












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**Tabulations** within text (lists of data, often in parallel columns) can be typed on the text page where they occur, but they should not contain rules or numbered table captions.

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Synonymy in zoology must use the short form (taxon, author, year:page), with full reference at the end of the paper under "Literature Cited." For botany, the long form (taxon, author, abbreviated journal or book title, volume, page, year, with no reference in "Literature Cited") is optional.

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