# A TAXONOMIC LISTING **MACRO- and MEGAINVERTEBRATES**

from

Infaunal & Epibenthic Monitoring Programs in the Southern California Bight



# Prepared by

The Southern California Association of Marine Invertebrate Taxonomists Natural History Museum of Los Angeles County Research & Collections 900 Exposition Boulevard Los Angeles, CA 90007

The editors of this list intend that it undergo regular updates. SCAMIT hopes to maintain the list as a useful document to those involved with monitoring programs within the Southern California Bight. To this end we solicit the users' assistance. Please forward any comments, corrections, or suggested additions you may have to:

or

Donald B. Cadien dcadien@lacsd.org Marine Biology Laboratory County Sanitation Districts 24501 S. Figueroa St. Carson, CA 90745 Lawrence L. Lovell llovell@lacsd.org Marine Biology Laboratory County Sanitation Districts 24501 S. Figueroa St. Carson, CA 90745

This document is available to members for downloading in Portable Document Format (pdf) at the SCAMIT web site (www.scamit.org). To view or download the document you must have the Adobe® Acrobat® Reader® which allows you to view or print pdf files. The reader is distributed by Adobe free of charge and may be downloaded from their web site (www.adobe.com).

Copyright  $\bigcirc$  2011 by the Southern California Association of Marine Invertebrate Taxonomists This material may not be duplicated and resold.

Permission to copy or use is hereby granted subject to inclusion of this copyright notice.



# Southern California Association of Marine Invertebrate Taxonomists

#### A TAXONOMIC LISTING OF BENTHIC MACRO- and MEGAINVERTEBRATES

from

Infaunal and Epifaunal Monitoring and Research Programs in the Southern California Bight

Prepared by
The Southern California Association of Marine Invertebrate Taxonomists
Donald B. Cadien and Lawrence L. Lovell, editors

#### **EDITION 6**

Taxonomic standardization, assuring that the same name is applied to an organism by different taxonomists each time that organism is encountered, is an important quality control concern in any biological monitoring program. Compatibility of taxonomy-based data generated by agencies and organizations contributing to a regional monitoring program is essential if the full value of these surveys is to be realized. There are two obstacles to achieving the goal of standardization: the complexity and fluidity of invertebrate taxonomy; and the differences in expertise, experience, and opinion of taxonomists involved in monitoring within the region. While these obstacles hinder us from fully achieving this goal, a great deal can be accomplished in its pursuit. Central to that effort is regional cooperation and communication among the taxonomists responsible for the surveys.

The Southern California Association of Marine Invertebrate Taxonomists (SCAMIT) was formed in 1982 to promote the study of invertebrate taxonomy and develop a standardized taxonomy of marine invertebrates within the region. Its membership includes most of the taxonomists responsible for conducting infaunal and epifaunal monitoring programs in Southern California coastal waters. SCAMIT's activities include monthly meetings, workshops, and communication of taxonomic information to its membership through a newsletter and website (www.scamit.org).

This list of invertebrates from benthic habitats of the Southern California Bight (SCB) is a contribution of SCAMIT toward the development of regionally coordinated monitoring within the Bight. This edition updates Edition 5 of July 2008, and continues SCAMIT's efforts to compile and maintain a list of species for which taxonomy is standard within the region. That is, a list of species names that are uniformly and consistently applied to organisms in research and monitoring programs within the Bight. Like earlier editions, this is a conservative document constrained by both the information base from which it is derived and by the criteria for including a taxon on the list. This sixth edition adds organisms encountered in infaunal and epifaunal surveys conducted subsequent to the compilation of Edition 5 and incorporation of nomenclatural changes prompted by recent revisionary studies. Notably, this edition incorporates species reported from the 2008 Southern California Bight Regional Monitoring Program (B'08), which included benthic samples to depths of 1000m in nearshore basins, and megainvertebrates from trawls to depths of 500m in the Bight as well as numerous samples from bays and estuaries. It also incorporates records gleaned from the California Fish and Game Introduced Species Surveys which originated within the area of coverage.

Caution is required in the use of this or any other "master species" list. Taxonomic listings do not in themselves constitute standardization of taxonomic usage. They are only tools that contribute to standardization, both as a product and in the process of their development and maintenance. Those responsible for developing regional monitoring should not attempt to impose on contributing surveys an artificially rigid taxonomy based upon a static list of standard names. Such an approach would inevitably lead to poorer quality survey data. Some differences in taxonomy and nomenclatural usage will continue to appear in data sets originating from contributing surveys. Most of these will reflect either change in the species encountered or new revisionary work. Some will represent non-standard usage despite efforts such as this listing and other activities of SCAMIT. Regional data-management systems must allow both growth and emendation to their species lists to conform to current usage. Ranasinghe *et al* (2003b) evaluated the success of quality assurance taxonomic standardization in the second regional monitoring survey (B'98) and provided some idea of both the value of the contributions to standardization made to date and the magnitude of the unresolved issues.

#### **COVERAGE OF EDITION 6**

This document provides a list of macroinvertebrates and megainvertebrates from both soft and hard bottom habitats of the Southern California Bight. Holoplanktonic species are not included in the list. For the purposes of the list, macroinvertebrates are defined as those organisms retained upon a 0.3 mm or larger mesh screen. Epibenthic megainvertebrates are defined as benthic organisms captured in otter trawls and having a body dimension greater than 1 cm. The list draws from sampling programs that have been in existence since as early as 1970 (see table of contributors). Over that period,

sampling frequencies and station locations have varied but gear types and methods have been stable. The list reflects the organisms collected from thousands of samples within the habitats covered. Most records are from soft substrate on the inner to mid shelf within the SCB, but increasingly information on other habitats from the intertidal to the near-shore basins is also represented. Records in the published literature are not sufficient for inclusion, only actual examined specimens form the basis for this listing. There are 3004 species-level taxa on the list representing 18 phyla, 39 classes, 122 orders, and 654 families; almost an 18% increase in included species over the previous edition.

Geographic coverage is from Point Conception, California to Bahía Todos Santos, Baja California Sur, Mexico in depths to 1000 meters. As in previous editions, the information base from which the list is derived is primarily survey data collected in the environmental monitoring programs of publicly owned wastewater treatment works (POTWs). Therefore, coverage within the Bight is biased by the distribution of sampling efforts associated with these programs. The largest of these are centered on the metropolitan areas of Los Angeles/Orange County and San Diego. The fauna occurring at shelf and upper slope depths in these areas is well represented. North of the Los Angeles region, monitoring programs are fewer in number and smaller in scale. Consequently, the fauna of the northern area of the Bight is under-represented. Records from Regional Monitoring Surveys (Allen et al. 1998, 2002, 2007; Bergen et al. 1998; Ranasinghe et al. 2003a, 2007) improve coverage in this northern region as well as

#### **Contributing Programs**

#### LARGE DISCHARGE MONITORING PROGRAMS

- City of Los Angeles, Bureau of Sanitation, Environmental Monitoring Division
- County Sanitation Districts of Los Angeles County
- Orange County Sanitation District
- City of San Diego, Public Utilities Department

#### SMALL DISCHARGE MONITORING PROGRAMS

- Goleta Sanitary District
- · City of Santa Barbara
- Carpenteria Sanitary District
- City of Oxnard
- South East Regional Reclamation Authority
- City of Oceanside
- Encina Water Pollution Control Facility
- San Elijo Joint Powers Authority
- City of Avalon
- Int'nl Treatment Plant, South Bay Outfall

#### MISCELLANEOUS STUDIES

- Terminal Island Treatment Plant Outfall Study
- Tijuana Ocean Engineering Study
- LACSD Reference Survey
- CSDMWWD Variability Study

#### **REGIONAL SURVEYS**

- Southern California Coastal Water
- Research Project Reference Surveys
- 1994 Southern Ćalifornia Bight Pilot Project (SCBPP)

those portions of the shelf lying between the individual POTW monitoring areas. Coverage is poorer south of the US/Mexico border where the only records come from recent monitoring of the International Treatment Plant's South Bay Outfall (south to Punta Banderas) and the Mexican component of the Bight'98 Regional Survey (south to Bahía Todos Santos). Edition 6 also includes Bight '08 records from estuaries, bays and harbors. Salinities may be reduced in such enclosed habitats, but records from waters of less than 12ppt salinity are excluded. This represents the midpoint of mesohaline water salinities, where euryhaline marine species reach their distributional endpoint, and estuarine endemics occur (Boesch 1978). Organisms from fresher oligohaline waters, those characterized as fresh-water species, are not covered in this document

Most sampling effort has been expended at mid shelf depths of 40 to 80 meters and the fauna from this range is better represented than that of shallower or deeper waters. More information on slope and basin habitats is becoming available, but depths between 300 and 1000m are still poorly represented in the Edition 6 list. It should also be noted that while most of the source programs are designed to provide soft-bottom community monitoring, habitats are not so clearly segregated in nature. Many of these programs, particularly those sampling inshore soft-bottom and shelf-break zones, include ecotonal areas and patches of cobble or hard bottom. These support communities significantly different from those of soft-bottoms, accounting for the presence of hard-bottom taxa on the list. Beginning with this edition, records from fouling and both rocky and soft intertidal habitats will be included. Coverage will be far less comprehensive for these habitats initially, but in future editions will approach that of the central shelf. These records will derive from a broad spectrum of Many cooperative programs are underway by state, federal, and other agencies which sample embayments or open coastal intertidal and shallow subtidal habitats. In this edition numerous records from Introduced Species Studies conducted within the SCB were included. Other efforts designed to quantify effects of anthropogenic contaminants and other human usages in bays, harbors and estuaries are also continuing. These include the long series of EMAP programs along the entire west coast of North America, sampling to develop sediment quality objectives, and other efforts. Only records from within the covered geographic portion of these broad scale programs will be included in this listing. Only those records either generated by or subsequently reviewed by SCAMIT member taxonomists or SCAMIT associated taxonomists will be admissible. The requirement that use of the included taxon name be standardized within the region is in force here as well.

#### PROCESS OF COMPILATION

Because all subsequent editions build on the original, the description of the information sources and compilation process used in producing Edition 1 (March, 1994) is restated below.

The base list was compiled from encountered-species lists from the infaunal monitoring programs of the Bureau of Sanitation, Environmental Monitoring Division, City of Los Angeles (CLA,EMD); the County Sanitation Districts of Los Angeles County (CSDLAC); the County Sanitation Districts of Orange County (CSDOC); and the Metropolitan Wastewater Department, City of San Diego (CSD,MWD). The encountered-species lists provided by these agencies covered a range of time spans, from eight to more than 20 years. The base list was broken into phylogenetic groupings (phylum or class level) for review by SCAMIT members with expertise in each group and knowledge of the history of the programs from which the data were derived. This latter factor is important given the long term nature of the programs from which the list was derived. These programs have been in place since as early as 1972. There is substantial potential for confusion of species identities because of the many taxonomists involved over the period. Every species name on the base list was subject to review and discussion prior to acceptance on the final list. Names retained were those 1) found to have been applied to taxa recognized as unique and 2) for which consensus among SCAMIT reviewers existed as to the name used to represent these taxa. Consensus here does not imply unanimity of opinion, but an agreement to accept a standard use of a name in the interest of regional conformity. Conflicts of opinion were resolved by review of appropriate literature and, in many cases, re-examination of voucher specimens by the reviewers.

Following compilation of the list from the four largest programs, encountered-species lists from monitoring programs conducted by the smaller POTWs in the Bight and studies by the Southern California Coastal Water Research Project (SCCWRP) were reviewed. This latter stage was hindered by the general absence in the smaller monitoring programs of easily accessible databases from which to draw encountered-species lists, frequent changes in contractors performing the sample analysis, and the unavailability of the taxonomists responsible for the data. The encountered-species lists received were typically from the most recent surveys, although the actual time spans were not given. Approximately 10% of the species on the final list were added as a result of review of the small POTW encountered-species lists.

The process of compilation resulted in a list, which is generally exclusive in nature. Many taxa names reported in the contributed species lists were eliminated by the reviewers, frequently because of the absence of voucher specimens or documentation allowing their confirmation. Inevitably, some taxa names eliminated will later be found acceptable. In addition, voucher specimens were not examined in all cases and some taxa deemed uncontroversial may later be discovered to be inconsistent in application or otherwise unacceptable. It is anticipated that this list will grow and change during future updates.

The first edition (1994) drew upon the encountered-species lists of 16 infaunal monitoring programs in the region. Subsequent editions built upon the first through a similar process of addition and emendation. In each edition newly detected taxa were added, nomenclatural revisions were incorporated, and errors in the previous edition corrected. Previously listed names found to be based upon doubtful or unverifiable records were dropped from the list. Provisional species names lacking adequate characterization or uniformity of application within the region were also dropped.

The second edition (1996) included, for the first time, epibenthic invertebrates taken in trawl surveys within the Bight as well as new records from the surveys conducted as part of the 1994 Southern California Bight Pilot Project. This regional project included surveys of mainland coastal soft-bottom infaunal and epibenthic communities from Pt. Conception to the US/Mexico border, employing the same techniques used in POTW monitoring programs.

The third edition (1998) was enlarged by the inclusion of abbreviated synonymies. These presented both valid synonyms and synonyms based upon nomenclatural usage. They were not exhaustive, but rather sought to provide examples of the various combinations under which a name has occurred with an emphasis on usage in the Southern California Bight and the Northeast Pacific. An explanation of the notation employed in synonymies is provided below.

The fourth edition (2001) continued to grow in coverage by accretion. Abbreviated synonymies were continued and enlarged as more information became available. The range of habitats examined expanded by inclusion of the results of the second regional survey (Bight '98), which added a number of additional samples from bays, estuaries, offshore island shelves, and northwestern Baja California.

The fifth edition (2008) incorporated additional records from habitats little covered in previous editions, particularly the upper continental slope, and bay/harbor habitats. It reflected many changes, particularly in the higher structure of the nomenclatural hierarchy, published in the last decade, even revising the number of phyla included in coverage. It reported on additional taxa taken in the B'03 Regional Monitoring Study, expanded coverage into the intertidal zone, and incorporated non-POTW or regional monitoring efforts within the acceptable coverage limits.

#### **CONVENTIONS**

Arrangement of the list is hierarchical. The categories used are phylum, subphylum, class, subclass, infraclass, superorder, order, suborder, infraorder, tribe, superfamily, family, subfamily, genus (subgenus) and species. For ease of use each taxonomic category is offset from the next higher category. Each category above genus is, moreover, indicated directly by inclusion with the taxon

name itself to avoid ambiguity (e.g., Subphylum Echinozoa). Arrangement of families is phylogenetic when information is available, and alphabetic otherwise. Genera, and species within them, are arranged alphabetically within each family or subfamily, as appropriate. Authorship is attributed in conformance with ICZN rules. The listing of genus-level identifications (e.g., Bimeria sp) represents the degree to which the identities of these taxa are known in the region. This form is also used in cases where the only specimens representing the genus were indeterminable due to absence of diagnostic characters. It is regional practice in monitoring programs to identify some groups of organisms at family or higher level. An example is harpacticoid copepods, which are reported at the ordinal level. For these taxa the term **unidentified** appears in the binomen position. The level at which they are typically reported is indicated by the lowest level taxon provided in the hierarchy.

The degree of detail in the use of higher taxonomic categories varies between groups. In groups where there are both large numbers of species and wide variations in form, numerous categories are listed between the phylum and genus level (arthropods, for example). In poorly represented groups with few species (*e.g.*, cephalochordates) there may be few categories listed between phylum and family.

To assist in navigation the list is line-numbered and an index to all names in the list (including synonyms) with their corresponding line numbers is provided. Within the list the following typographic conventions have been employed:

# PHYLUM LEVEL IS ALL CAPS

# Family and Subfamily levels are bolded

Genus and species are in italics
Synonyms are indented below currently accepted binomens and not italicized

Included in the list are a number of unpublished provisional species names erected by workers in the area. These names are applied to organisms suspected of being new species or whose identities cannot be determined from available literature. Provisional names are typically in the form of a genus name followed by the word species (abbreviated as sp) and an alphabetic, alphanumeric, or numeric designator. In provisional binomens, the generic level name is italicized, while the specific name is not. Synonyms are left un-italicized to help clarify their status. In cases where the allocation of a taxon is uncertain, the levels at which uncertainty exists are indicated (e.g., family uncertain, suborder Ideally, a provisional name is provided as a temporary designation pending uncertain. etc.). resolution of the organism's identity through further research or publication. In practice, many have become long standing, stable, and widely recognized taxa names within the region. Of the 298 unpublished provisional taxa included in Edition 6, some date back to the 1970's. Many of the provisional taxa recognized by SCAMIT member taxonomists have now been described either by the members themselves or by other taxonomists. You will find them on this list as synonyms of the formally described taxa. All listed provisionals have been subject to examination and their descriptions distributed through the activities of SCAMIT (1982 to present) or its antecedent, the SCCWRP Taxonomic Standardization Program (1973-1980). For these reasons, as well as the significant proportion (9.5 %) of the listed taxa they represent, these provisional species names are included in the list. The unpublished provisional names are distinguished from formally erected species and provisional names published in the literature by the symbol § following the author. Authorship is attributed for provisional names to tie them to specific diagnoses. Attribution of authorship of these unpublished names does not follow a rule of priority, but attempts to indicate the most recent and/or complete source of information regarding the species. The date provided represents the date of distribution of diagnoses or descriptions. Provisional species names for which there is no regional recognition or available diagnoses are not included. These are numerous, and usually become provisional names whose usage is regionally standardized as voucher sheets on them are distributed.

Three conditional designations are used in the list. The terms *conferre* and **near** (abbreviated as *cf* and **nr**) inserted in the binomen indicates that the organism closely resembles the nominal species but its actual identity is in question. The term **Cmplx** appended to a name indicates that the listed taxon is recognized as having a high degree of poorly defined variability and may belong to an incompletely discriminated group of species.

The first entry in the synonymy is the name as originally described if it differs from that listed as currently used. Otherwise entries are in alphabetical order. The form in which authorship is provided is used to distinguish the nature of the entries. Examples of the forms used and their meaning are provided below.

Schmitt 1921 Synonym
Schmitt 1921 in part Partial synonymy
of Holmes 1900 Variant generic placement or variant orthography
of Schmitt 1921 not Blazor 1899 Specific instance of incorrect usage
of authors not Bates 1885 Incorrect usage by several authors
of authors SCB not Baird 1863 Incorrect usage regionally by several authors

Usage cited as "of authors" is not restricted to usage in the literature, but also includes usage in survey results and reports. The acronyms NEP and SCB stand for Northeast Pacific and Southern California Bight respectively.

Each new edition in the past has had name changes and new entries from the previous edition. These modifications were not listed or noted prior to Ed 5, making them hard to find for taxonomists and database managers who were concerned with updating species lists. As in the previous edition, all changes from Ed 5 are noted in red colored font. This will make finding and noting all the changes much easier. Rules were established for red color fonting. The rules highlight the changes to Ed 5 that taxonomists and database managers should be aware of when reporting binomens, authors, or hierarchical position of taxa.

- 1. New name not in Ed 5 (upper hierarchical addition, new species addition either as valid name or synonym).
- 2. Change in status of synonym, elevation to valid name.
- 3. Change in status of valid name, placed in synonymy.
- 4. Spelling correction, red fonting the changed name either genus or species (not the entire binomen) or author.
- 5. Correction to authorship attribution.
- 6. Change in assigned genus.

#### **AUTHORITY LIST FOR TAXONOMIC INFORMATION**

A broad range of sources was used in construction of this hierarchical listing of organisms. The overall basis is that embodied in *An Annotated Checklist of Marine Invertebrates in the Cold Temperate Northeast Pacific* (Austin 1985). This classification has been superceded in a number of areas by investigations over the past quarter century which aimed to put animal classification on a more phylogenetic basis. These investigations initially used cladistic methods to reassess relationships based on morphological characters. More recent contributions typically utilize molecular data based on sequencing of DNA or protein coding genes. Use of the weight of evidence approach, which combines molecular, morphological, paleontological, and developmental lines of evidence has become increasingly common. These investigations are ongoing, and much uncertainty remains for many groups. A recent synthesis (Cracraft and Donoghue 2004), while still imperfect, can serve as a consensus base for updating the hierarchical relationships used by Austin. Where groups have been revised at higher level based on phylogenetic information in Cracraft and Donoghue, it is so indicated under each group below.

The formation of superfamily names follows recommendation 29A of the *International Code of Zoological Nomenclature* (Ride 1999). With this exception and those listed below, all of the classification above genus-level is derived from Austin (*op. cit.*). Genus-level taxa names and the distribution of species among genera are derived from multiple sources in the recent literature. Congruence of this list with the World Register of Marine Species (http://www.marinespecies.org) is checked and differences are resolved on a case by case basis by the SCAMIT Species List Review Committee. Differences in this list from the treatment in WoRMS are intentional, and reflect the position of SCAMIT on issues in dispute within the taxonomic community.

#### Phylum Porifera

This taxon was found to be paraphyletic, and has been separated into two phyla Silicea and Calcarea (see Eernisse & Peterson 2004). In their taxonomic reassessment of the sponges Hooper & van Soest (2002) discussed, but did not adopt this conclusion. It is followed here. Silicea consists of Demospongia and Hexactinellida, while Calcarea consists of the calcareous sponges only. Organization within the sponges below phylum level follows Hooper and van Soest, although level of nominal categories may be changed in conformance with the adoption of the two phylum system. Exceptions to this are based on Lee et al 2007.

Use of subfamilial names in Geodiidae follows Cardenas et al 2010.

#### Phylum Cnidaria

Modifications follow Cairns *et al.* 2002 unless otherwise indicated. Placement of Oplorhiza in Campanulinidae follows Hochberg & Ljubenkov 1998. Placement of species not recorded by Austin follows Ljubenkov 1980.

Most cases which vary from Cairns et al are based on information in either the World Hexacorallian Database (http:///hercules.kgs.ku.edu/hexacoral/anemone2/index.cfm) or the World Hyrodzoan Database (http://www.marinespecies.org/hydrozoa).

#### Phylum Platyhelminthes

Developments in the understanding of this group have been numerous and far-reaching. The traditional phylum Platyhelminthes as used by Austin has been modified to exclude the Acoela, which with the Nemertodermatida form the Acelomorpha, now considered the sister taxon to all other bilaterians (see Eernisse & Peterson 2004, Littlewood *et al.* 2004). No acoels have yet been taken by surveys within the SCB, and so this change is not reflected in the listing. Other high-level changes within this phylum do require some modifications of the hierarchy as used in Austin, but are also only needed for forms not yet reported on the list. The classification of the Polycladida generally follows Faubel 1983 and 1984, with some input from Prudhoe 1985.

#### Phylum Nemertea

Treatment of Cerebratulidae as Cerebratulinae within Lineidae follows MacEwen 1980.

#### Phylum Mollusca

The Class Aplacophora as used by Austin has been suggested to be paraphyletic (see Salvini-Plawen & Steiner 1996, Haszprunar 2000), although there is still not complete agreement on the issue (see Scheltema 1996 for a dissenting opinion). The paraphyly seems clear, although just how the Solenogastres and Caudofoveata are related to the Polyplacophora is not (see discussions in Lindberg *et al.* 2004, Salvini-Plawen 2003). The use of the subphyla Adenopoda and Scutopoda follows the recommendations of Barwick & Cadien 2005.

Nomenclature within the chitons follows Stebbins & Eernisse 2009 where it differs from Austin.

Year of publication for taxa erected by Reeve and the Sowerbys follows Petit 2007 and Petit 2009.

Year of publication for taxa erected by P. P. Carpenter between 1864 and 1866 follows Palmer 1958.

General classification of the Gastropoda, and most specifics as well, follows Bouchet & Rocroi 2005 (with Linnaean categories assigned to their clades).

Nomenclature embodied in McLean 2007 was incorporated.

Elevation of Cysticinae to family rank follows Coovert & Coovert 1995.

Allocation of genera to families within the Superfamily Conoidea follows Taylor *et al.* 1993.

Allocation of heterobranch taxa at suprageneric levels follows Mikkelsen 1996.

Placement of *Iselica* in Amathinidae follows Turgeon et al. 1998.

Use of Stiligeridae instead of Hermaeidae follows Turgeon et al. 1998.

Placement of Olea in Stiligeridae follows Turgeon et al. 1998.

Use of Cylichnidae instead of Scaphandridae follows Turgeon et al. 1998.

Placement of *Pleurobranchaea* in Pleurobranchaeidae follows Behrens 2004.

Within the Order Nudibranchia superfamily-level taxa are from Abbott 1974; allocation of genera among families follows Behrens 2004.

Classification of the Bivalvia follows Coan, Valentich Scott & Bernard 2000, with modifications based on Taylor et al 2007, and Valentich-Scott & Skoglund 2010 (Pandoridae only), with additional modification based on Bieler et al 2010.

Genus and family allocations in Scaphopoda follow Shimek 1995; groups not covered in Shimek follow Turgeon *et al.* 1998.

Formulation of higher taxon names within cephalopods follows Sweeney & Roper 2000, as modified by Nishiguchi & Mapes 2008.

#### Phylum Sipuncula

Classification follows Cutler 1994, except that Golfingiformes rather than Golfingiiformes is used following Edmonds 2000b. The validity of this morphologically derived system was reinforced by recent combined evidence (morphological/mollecular) analysis (Schulze *et al.* 2007).

#### Phylum Echiura

Class Echiurida is used rather than Class Echiurida following Edmonds 2000a.

(While recent evidence suggests this group nests within the Polychaeta, it has been retained separate here pending resolution of affinities within that group. The polychaete subclade that best accommodates the echiurans remains at issue.)

#### Phylum Annelida

Classification of the Class Polychaeta follows Rouse & Fauchald 1997 and Rouse & Pleijel 2001

Placement of *Raricirrus* in Ctenodrilidae, follows Petersen & George 1991.

Use of Longosomatidae instead of Heterospionidae follows Borowski 1995.

Use of Acoetidae instead of Polyodontidae follows Pettibone 1989.

Use of Pholoidae instead of Pholoididae follows Pettibone 1984.

Placement of *Pholoe* in Pholoidae follows Pettibone 1992.

Nomenclature within the Glyceridae follows the revision of Böggemann 2002.

Nomenclature within the Goniadidae follows the revision of Böggemann 2005.

Use of Pilargidae instead of Pilargidae follows Licher 1994.

Use of Nereididae instead of Nereidae follows Pettibone 1971.

Use of Oenonidae instead of Arabellidae follows Orensanz 1990.

Placement of *Travisia* within the Scalibregmatidae follows Bleidorn et al 2003.

Placement of Artacamella in Trichobranchidae follows Holthe 1977.

Inclusion of the Siboglinidae in the Sabellida follows Rouse & Pleijel 2001.

Arrangements of subfamily assignments within the Polychaeta follow:

Ampharetidae - Fauchald 1977.

Maldanidae - Fauchald 1977.

Nereididae – Fitzhugh 1987.

Phyllodocidae – Pleijel 1991.

Polynoidae – Salazar-Silva 2006.

Sabellariidae - Kirtley 1994.

Sabellidae – Fitzhugh 1989.

Serpulidae – Fitzhugh 1989.

Syllidae – Fauchald 1977.

Terebellidae – Fauchald 1977.

### Phylum Arthropoda

Subphylum taxa are from Brusca & Brusca 2003.

Arrangement and nomenclature within the Pycnogonida follows Bamber 2007.

Within Subphylum Crustacea the revised classification of Martin & Davis 2001 (with some emendation from McLaughlin *et al.* 2005) is adopted.

Mysid subfamily arrangement follows the cladistic analysis of Meland & Willassen 2007.

Ordering of the family taxa within Amphipoda follows Bousfield & Shih 1994 and Bousfield 2001, and adopts his infraordinal and superfamily concepts in most cases.

Allocations of taxa and systematic arrangement within superfamilies of amphipods follow:

Corophioidea – Myers & Lowry 2003.

Lysianassoidea – Cadien 2007.

Stegocephaloidea – Berge & Vader 2001.

Talitroidea – Serejo 2004.

Removal of the *Maera*-clade of amphipods from the Melitidae to their own family follows Krapp-Schickel 2008.

Subordinal and superfamilial taxa in Isopoda follow Brandt and Poore 2003.

Family allocations in the Tanaidacea were modified following Larson & Wilson 2002.

Nomenclature within the Order Decapoda follows De Grave et al 2009, with galatheoids after Ahyong et al 2010.

#### Phylum Echinodermata

Differences in classification above family are from Maluf 1988, or Kroh & Smith 2010.

#### Phylum Phorona

No exceptions.

#### Phylum Brachiopoda

Placement of *Terebratalia* in Dallinidae follows Hochberg 1996.

# Phylum Ectoprocta

Use of Annectocymidae instead of Diaperoeciidae follows Soule et al. 1995.

Use of Candidae instead of Scrupocellariidae follows Soule et al. 1995.

Placement of Cauloramphus in Calloporidae follows Soule et al. 1995.

Placement of Celleporaria in Celloporariidae follows Soule et al. 1995.

# Phylum Chordata

No exceptions.

#### **ACKNOWLEDGEMENTS**

The editors would like to thank the members of the Species List Review Committee and the large number of SCAMIT members who have devoted their time to the origination and maintenance of this taxonomic listing. Comments from non-SCAMIT members have also been received, and are always welcome. The application of many sets of eyes to this list has helped eliminate many errors during its development. While Edition 6, like previous ones, will undoubtedly have errors, these are the responsibility of the editors alone.

#### LITERATURE CITED

- Abbott RT.1974. American Seashells, second edition. New York (NY). Van Nostrand Reinholdt Co. 663pp.
- Ahyong ST, Baba K, MacPherson E, Poore GCB. 2010. A new classification of the Galatheoidea (Crustacea: Decapoda: Anomura). Zootaxa 2676:57-68.
- Allen MJ, Groce AK, Diener D, Brown J, Steinert SA, Deets G, Noblet JA, Moore SL, Diehl D, Jarvis ET, et al. 2002. Demersal Fishes and Megabenthic Invertebrates. Southern California Bight 1998 Regional Monitoring ProgramV: 1-572. Westminster (Ca). Southern California Coastal Water Research Project.
- Allen MJ, Mikel TK, Cadien DB, Kalman JE, Jarvis ET, Schiff KC, Diehl DW, Moore SL, Walther S, Deets G, et al. 2007. Demersal Fishes and Megabenthic Invertebtrates. Southern California Bight 2003 Regional Monitoring Program IV: 1-339. Newport Beach (Ca). Southern California Coastal Water Research Project.
- Allen MJ, Moore SL, Schiff KC, Weisberg SB, Diener D, Stull JK, Groce A, Mubarak J, Tang CL, Gartman R.1998. Demersal Fishes and Megabenthic Invertebrates. Southern California Bight Pilot Project V: 1-365. Westminster (Ca). Southern California Coastal Water Research Project.
- Austin WC. 1985. An Annotated Checklist of Marine Invertebrates in the Cold Temperate Northeast Pacific, vols. 1, 2 & 3. Cowichan Bay (British Columbia). Khoyatan Marine Laboratory.
- Bamber RN. 2007. A holistic re-interpretation of the phylogeny of the Pycnogonida Latreille, 1810 (Arthropoda). Zootaxa 1668:295-312.
- Barwick K, Cadien DB. 2005. Aplacophore mollusks of the 2003 Regional Monitoring Survey of the Southern California Bight. SCAMIT Newsletter 23 (Supplement):1-73.
- Behrens DW. 2004. Pacific Coast Nudibranchs, Supplement II. New species to the Pacific Coast and new information on the oldies. Proceedings of the California Academy of Sciences 55(2): 11-54
- Berge J, Vader W. 2001. Revision of the amphipod (Crustacea) family Stegocephalidae. Zoological Journal of the Linnean Society 133:531-592.
- Bergen M, Weisberg SB, Cadien DB, Dalkey A, Montagne D, Smith RW, Stull JK, Velarde RG. 1998. Benthic Infauna. Southern California Bight Pilot Project: IV:1-53. Westminster (Ca). Southern California Coastal Water Research Project.
- Bieler, R, Carter JC, Coan EV. 2010. Classification of Bivalve Families. Malacologia 52(2):113-184. Bleidorn C, Vogt L, Bartolomaeus T. 2003. New insights into polychaete phylogeny (Annelida) inferred from 18S rDNA sequences. Molecular Phylogenetics and Evolution 29: 279-288.
- Boesch DF. 1978. A new look at the zonation of benthos along the estuarine gradient. Pp. 245-266 IN: Coull BC, ed. Ecology of Marine Benthos. University of South Carolina Press. 467pp.
- Böggemann M. 2002. Revision of the Glyceridae Grube 1850 (Annelida: Polychaeta). Abhandlungen der Senckenbergishen naturforschenden Gesellschaft Frankfurt am Main 555:1-249.
- Böggemann M. 2005. Revision of the Goniadidae (Annelida, Polychaeta). Abhandlungen des Naturwissenschaftlichen Vereins in Hamburg (NF) 39:1-354.
- Borowoski C. 1995. New records of Longosomatidae (Heterospionidae) (Annelida, Polychaeta) from the abyssal southeast pacific, with description of *Heterospio peruana* sp. n. and general

- remarks on the Family. Mittheilungen aus den Hamburgischen Zoologischen Museum und Institut 92 (Ergänzungband 1):129-144.
- Bouchet P, Rocroi JP. 2005. Classification and Nomenclator of Gastropod Families. Malacologia 47 (1-2):1-397.
- Bousfield EL. 2001. An updated commentary on phyletic classification of the amphipod Crustacea and its application to the north American fauna. Amphipacifica 3(1):49-119.
- -----, Shih, CT. 1994. The phyletic classification of amphipod crustaceans: problems in resolution. Amphipacifica 1(3):76-134.
- Brandt, A, Poore GCB. 2003. Higher classification of the flabelliferan and related Isopoda based on a reappraisal of relationships. Invertebrate Systematics 17:893-923.
- Brusca RC, Brusca GJ. 2003. Invertebrates. 2<sup>nd</sup> Ed. Sunderland, Massachusetts: Sinauer Associates, Inc. 936pp.
- Cadien DB. 2007. Review of the Lysianassoidea of the Northeast Pacific (Equator to Aleutians, intertidal to abyssal). 63pp. Available at http://scamit.org/ taxonomic\_tools/Arthropoda/htm.
- Cairns SD, Calder DR, Brinkmann-Voss A, Castro CB, Fautin DG, Pugh PR, Mills CE, Japp WC, Arai MN, Haddock SHD, Opresko DM. 2002. Common and Scientific Names of Aquatic Invertebrates from the United States and Canada: Cnidaria and Ctenophora, second edition. American Fisheries Society Special Publication 28. 115pp.
- Cardenas P, Rapp HT, Schander C, Tendal OS. 2010. Molecular taxonomy and phylogeny of the Geodiidae (Porifera, Demospongiae, Astrophorida) combining phylogenetic and Linnaean classification. Zoologica Scripta 39(1):89-106.
- Coan EV, Valentich Scott PH, Bernard FR. 2000. Bivalve Seashells of Western North American: Marine Bivalve Mollusks from Arctic Alaska to Baja California. Santa Barbara Museum of Natural History Monographs 2. 764pp.
- Coovert GA, Coovert HK. 1995. Revision of the supraspecific classification of marginelliform gastropods. The Nautilus 109(2-3):43-110.
- Cracraft J, Donoghue MJ. 2004. Assembling the Tree of Life. New York (NY). Oxford University Press. 576pp.
- Cutler EB. 1994. The Sipuncula: Their Systematics, Biology, and Evolution. Ithaca (NY). Cornell University Press. 453pp.
- DeGrave, S, Pentcheff D, Ayhong ST, Chan T-Y, Crandall, KA, Dworschak, PC, Felder, DL, Feldman, RM, Fransen, CHJM, Goulding LYD, Lemaitre R, Low MEY, Martin JW, Schweitzer PKL, Ng CE, Tam SH, Tshudy D, Wetzer R. 2009. A classification of living and fossil genera of Decapod Crustaceans. Raffles Bulletin of Zoology Supplement 21:1-109.
- Edmonds SJ. 2000a. Phylum Echiura. In: Beesley PL, Ross GJB, Glasby CJ, editors. Polychaetes & Allies: The Southern Synthesis. Fauna of Australia, Vol. 44 (Polychaeta, Myzostomida, Pogonophora, Echiura, Sipuncula). Melbourne (Aus). CSIRO Publishing. p.353-374.
- Edmonds SJ. 2000b. Phylum Sipuncula. In: Beesley PL, Ross GJB, Glasby CJ, editors. Polychaetes & Allies: The Southern Synthesis. Fauna of Australia, Vol. 44 (Polychaeta, Myzostomida, Pogonophora, Echiura, Sipuncula). Melbourne (Aus). CSIRO Publishing. p.375-400
- Eernisse DJ, Peterson KJ. 2004. The history of animals. Chapter 13 IN: Cracraft J, Donoghue MJ, editors. Assembling the Tree of Life. New York (NY). Oxford University Press. p.197-208
- Faubel A. 1983. The Polycladida, Turbellaria proposal and establishment of a new system Part I. The Acotylea. Mitteilungen aus dem Hamburgischen Zoologischen Museum und Institut 80:17-121.
- -----. 1984. The Polycladida, Turbellaria proposal and establishment of a new system Part Institut 81:189-259.
- Fauchald K. 1977. The Polychaete Worms: Definitions and Keys to the Orders, Families, and Genera. Natural History Museum of Los Angeles County, Science Series (28):1-190.
- Fitzhugh K. 1987. Phylogenetic relationships within the Nereididae (Polychaeta): implications at the subfamily level. Bulletin of the Biological Society of Washington (7):174-183.
- -----. 1989. A systematic revision of the Sabellidae-Caobangiidae-Sabellongidae complex (Annelida: Polychaeta). Bulletin of the American Museum of Natural History (102):1-104.

- Haszprunar G. 2000. Is the Aplacophora monophyletic? A cladistic point of view. American Malacological Bulletin 15(2):115-130.
- Hochberg FG. 1996. Chapter 1 The Brachiopoda. In: Blake JA, Scott PH, Lissner A, editors. Taxonomic Atlas of the Benthic Fauna of the Santa Maria Basin and the Western Santa Barbara Channel. Vol. 14 Miscellaneous Taxa. Santa Barbara (Ca). Santa Barbara Museum of Natural History. p.1-47.
- -----, Ljubenkov JC.1998. Chapter 1 Class Hydrozoa. In: Valentich Scott PH, Blake JA, editors. Taxonomic Atlas of the Benthic Fauna of the Santa Maria Basin and the Western Santa Barbara Channel. Vol. 3 The Cnidaria. Santa Barbara (Ca). Santa Barbara Museum of Natural History. p.1-54.
- Holthe T. 1977. The systematic position of *Artacamella* Hartman, 1955 (Polychaeta, Terebellomorpha). Sarsia 63(1):35-37.
- Hooper JNA, van Soest RWM, editors. 2002. Systema Porifera: A guide to the Classification of Sponge. New York (NY). Kluwer Academic/Plenum Publishers. 1708pp.
- Kirtley DW. 1994. A Review and Taxonomic Revision of the Family Sabellariidae Johnson, 1985 (Annelida; Polychaeta). Vero Beach (Fla). Sabecon Press. 223pp.
- Krapp-Schickel T. 2008. What has happened with the *Maera*-clade (Crustacea, Amphipoda) during the last decaces? Bolletino del Museo di Storia Naturale di Verona 32:3-32.
- Kroh A, Smith AB. 2010. The phylogeny and classification of post-Paleozoic echinoids. Journal of Systematic Palaeontology 8(2):147-212.
- Larson K, Wilson GDF. 2002. Tanaidacean phylogeny, the first step: the syperfamily Paratanaidoidea. Journal of Zoological Systematics and Evolutionary Research 40(4):205-222.
- Lee WL, Elvin DW, Reiswig, HM. 2007. The Sponges of California. A guide and key to the marine sponges of California. Monterey, California, USA: Monterey Bay Sanctuary Foundation.
- Licher F. 1994. Resurrection of *Glyphohesione* Friedrich, 1950, with redescription of *G. klatti* Friedrich, 1950 and description of *G. longocirrata* (Polychaeta: Hesionidae). Proceedings of the Biological Society of Washington 107(4): 600-608.
- Lindberg DR, Ponder WF, Haszprunar G. 2004. The Mollusca: relationships and patterns from their first half-billion years. Chapter 16 In: Cracraft J, Donoghue MJ, editors. Assembling the Tree of Life. New York (NY). Oxford University Press. p. 252-278.
- Littlewood DTJ, Telford MJ, Bray R. 2004. Protostomes and Platyhelminthes: the worm's turn. Chapter 14 In: Cracraft J, Donoghue MJ editors. Assembling the Tree of Life. New York (NY). Oxford University Press. p. 209-234.
- Ljubenkov, JC. 1980. Cnidaria. In: Straughan D, Klink RW, editors. A Taxonomic Listing of Common Marine Invertebrate Species from Southern California. Technical Reports of the Allan Hancock Foundation 3:44-68.
- MacEwen, P. 1980. Nemertea. In: Straughan D, Klink RW, editors. A Taxonomic Listing of Common Marine Invertebrate Species from Southern California. Technical Reports of the Allan Hancock Foundation 3: 69-76.
- Maluf, LY. 1988. Composition and Distribution of the Central Eastern Pacific Echinoderms. Natural History Museum of Los Angeles County, Technical Report Number 2. 242pp.
- Martin JW, Davis GE. 2001. An updated classification of the recent Crustacea. Natural History Museum of Los Angeles County, Science Series, 39:1-124.
- McLean JH. 2007. Shelled Gastropoda. In: Carlton JT, editor. The Light and Smith Manual: Intertidal Invertebrates from Central California to Oregon, 4<sup>th</sup> edition. University of California Press. p. 713-753.
- McLaughlin PA, Camp DK, Angel MV, Bousfield EL, Brunel P, Brusca RC, Cadien DB, Cohen AC, Conlan K, Eldredge LG, *et al.* 2005. Common and Scientific Names of Aquatic Invertebrates from the United States and Canada: Crustaceans. American Fisheries Society Special Publication 31. 545pp.
- Meland K, Willassen E. 2007. The disunity of "Mysidacea" (Crustacea). Molecular Phylogenetics and Evolution 44(3): 1083-1104.
- Mikkelsen PM. 1996. The evolutionary relationships of Cephalaspidea s. l. (Gastropoda: Opisthobranchia): a phylogenetic analysis. Malacologia 37(2): 375-442.

- Myers AA, Lowry JK. 2003. A phylogeny and a new classification of the Corophiidea Leach, 1814 (Amphipoda). Journal of Crustacean Biology 23(2): 443-485.
- Nishiguchi MK, Mapes RH. 2008. Cephalopoda. Chapter 8 IN: Phylogeny and Evolution of the Mollusca. Ponder WF, Lindberg DR, editors. 163-199. Berkeley California USA, University of California Press.
- Orensanz JM. 1990. The Eunicemorph Polychaete Annelids from Antarctic and Subantarctic Seas. Biology of the Antarctic Seas XXI. Antarctic Research Series 52:1-183.
- Palmer KV. 1958. Type specimens of marine Mollusca described by P. P. Carpenter from the west coast [San Diego to British Columbia]. Geological Society of America Memoir 76. 376pp
- Peterson ME, George JD. 1991. A New Species of *Raricirrus* from northern Europe, with notes on its biology and a discussion of the affinities of the genus (Polychaeta: Ctenodrilidae) In: Peterson ME, Kirkegaard JB, editors. Systematics, Biology and Morphology of World Polychaeta; Proceedings of the 2<sup>nd</sup> International Polychaete Conference, Copenhagen, 1986. Ophelia Supplement 5:185-208.
- Petit, R.E. 2007. Lovell Augustus Reeve (1814-1865): malacological author and publisher. Zootaxa 1648:1-120.
- ----- 2009. George Brettingham Sowerby, I, II & III: their concological publications and Molluscan taxa. Zootaxa 2189:1-218.
- Pettibone MH. 1971. Revision of some species referred to *Leptonereis*, *Nicon*, and *Laeonereis* (Polychaeta, Nereididae). Smithsonian Contributions to Zoology 104:1-53.
- \_\_\_\_\_ 1984. Annelida. In: Parker SB, editor. Synopsis and Classification of Living Organisms 2 New York (NY). McGraw-Hill. pp 1-43.
- \_\_\_\_\_\_1989. Revision of the Aphroditoid Polychaetes of the family Acoetidae Kinberg (=Polyodontidae Augener) and reestablishment of *Acoetes* Audouin and MilneEdwards, 1832, and *Euarche* Ehlers, 1887. Smithsonian Contributions to Zoology 464:1138.
- \_\_\_\_\_ 1992. Contribution to the Polychaete family Pholoidae Kinberg. Smithsonian Contributions to Zoology 532:1-24.
- Pleijel F. 1991. Phylogeny and classification of the Phyllodocidae (Polychaeta). Zoologica Scripta 20: 225-261.
- Prudhoe S. 1985. A Monograph on Polyclad Turbellaria. New York (NY). British Museum (Natural History)/Oxford University Press. 259pp.
- Ranasinghe JA, Barnett AM, Schiff KC, Montagne DE, Brantley C, Beegan C, Cadien DB, Cash C, Deets GB, Diener DR, *et al.* 2007. Benthic Macrofauna. Southern California Bight 2003 Regional Monitoring Program 3: 66pp. Newport Beach (Ca). Southern California Coastal Water Research Project.
- -----, Montagne DE, Smith RW, Mikel TK, Weisberg SB, Cadien DB, Velarde RG, Dalkey A. 2003a. Southern California Bight 1998 Regional Monitoring Program VII: Benthic Macrofauna. Westminster (Ca). Southern California Coastal Water Research Project. 91pp.
- -----, Weisberg SB, Bergen M, Velarde RG. 2003b. Variability in the identification and enumeration of marine benthic invertebrate samples and its effect on benthic assessment measures. Environmental Monitoring and Assessment 81:199-206.
- Ride WDL (chair). 1999. International Code of Zoological Nomenclature, Fourth Edition. International Trust for Zoological Nomenclature. 306pp.
- Rouse GW, Fauchald K. 1997. Cladistics and polychaetes. Zoological Scripta 26:139-204.
- Rouse GW, Pleijel F. 2001. Polychaetes. New York (NY). Oxford University Press, 354 pp.
- Salazar-Silva P. 2006. Scaleworms (Polychaeta: Polynoidae) from the Mexican Pacific and Eastern Pacific sites. Investigaciones Marinas 34(2): 143-161.
- Salvini-Plawen Lv. 2003. On the phylogenetic significance of the aplacophoran Mollusca. Iberus 21 (1): 67-97.
- -----, Steiner G. 1996. Synapomorphies and pleistomorphies in higher classification of Mollusca. Chapter 2 In: Taylor, JD, editor. Origin and Evolutionary Radiation of the Mollusca. Oxford (UK). Oxford University Press, p. 39-51.

- Scheltema AH. 1996. Phylogenetic position of Sipuncula, Mollusca and the progenetic Aplacophora. Chapter 3 In. Taylor, JD editor. Origin and Evolutionary Radiation of the Mollusca. Oxford (UK). Oxford University Press. p. 53-58.
- Schulze A, Cutler EB, Giribet G. 2007. Phylogeny of sipunculan worms: a combined analysis of four gene regions and morphology. Molecular Phylogenetics and Evolution 42(1): 171-192.
- Serejo CS. 2004. Cladistic revision of talitroidean amphipods (Crustacea, Gammaridea), with a proposal of a new classification. Zoologica Scripta 33(6): 551-586.
- Shimek RL. 1995. Class Scaphopoda. Presentation at the Northern Association of Marine Invertebrate Taxonomists Molluscan Workshop, 18-19 November, 1995. Seattle Aquarium, Seattle Washington.
- Soule DF, Soule JD, Chaney HW. 1995. Volume 13 The Bryozoa. In: Taxonomic Atlas of the Benthic Fauna of the Santa Maria Basin and Western Santa Barbara Channel. Blake JA, Chaney HW, Scott PH, Lissner AL, editors. Santa Barbara (Ca). Santa Barbara Museum of Natural History. 344pp.
- Stebbins TD, Eernisse DJ. 2009. Chitons (Mollusca: Polyplacophora) know from benthic monitoring programs in the Southern Calfiornia Bight. The Festivus 41 [Special Issue]: 1-100.
- Sweeney MJ, Roper CFE. 2000. Classification, type localities and type repositories of recent Cephalopoda. In: Voss NA, Vecchione M, Toll RB, Sweeney MJ editors. Systematics and Biogeography of Cephalopods. Smithsonian Contributions To Zoology 586:561-582.
- Taylor JD, Kantor YI, Sysoev AV. 1993. Foregut anatomy, feeding mechanisms, relationships and classification of the Conoidea (=Toxoglossa)(Gastropoda). Bulletin of the Natural History Museum, London (Zoology) 59(2): 125-170.
- -----, Williams ST, Glover EA, Dyal P. 2007. A molecular phylogeny of heterodont bivalves (Mollusca: Bivalvia: Heterodonta): new analyses of 18S and 28S rRNA genes. Zoologica Scripta 36(6): 587-606.
- Turgeon DD, Quinn Jr JF, Bogan AE, Coan EV, Hochberg FG, Lyons WG, Mikkelsen PM, Neves RJ, Roper CF, Rosenberg G. 1998. Common and Scientific Names of Aquatic Invertebrates from the United States and Canada: Mollusks, Second Edition. American Fisheries Society Special Publication 26. 526pp.
- Valentich Scott P, Skoglund C. 2010. A review of the recent Pandoridae (Bivalvia) in the Panamic Province with descriptions of three new species. The Nautilus 124(3): 55-76.



1	PHYLUM SILICEA	
2	Class Hexactinellida	
3	Subclass Hexasterophora	
4	Order Hexactinosa	
5	Suborder Scopularia	
6	Family Aphrocallistidae	
7	Aphrocallistes vastus	Schulze 1886
8	Aphrocalistes intermedia	Okada 1932
9	Aphrocallistes whiteavesianus	Lambe 1892
10	Aphrocallistes yatsui	Okada 1932
11	Order Lyssacinosa	
12	Family Rossellidae	
13	Subfamily Rossellinae	
14	Aphorme horrida	Schultz 1899
15	Subfamily Acanthascininae	Schartz 1033
16	Rhabdocalyptus dawsoni	(Lambe 1892)
17	Bathydorus dawsoni	Lambe 1892
18	Staurocalyptus <mark>dowlingi</mark>	(Lambe 1894)
19	Rhabdocalyptus dowlingi	Lambe 1894
20	Staurocalyptus solidus	of SCAMIT Ed 5 not Schulze 1899
21	Class Demospongiae	or GOAWIT Ed 3 Hot GOITAIZE 1003
22	Subclass Tetractinomorpha	
23	Order Spirophorida	
24	Family Tetillidae	
25	Craniella arb	(de Laubenfels 1930)
26	Tetilla arb	de Laubenfels 1930
27		de Lauberneis 1930
	Order Astrophorida	
28	Family Anchorinidae	(da I amb anfala 1020)
29	Penares saccharis	(de Laubenfels 1930)
30	Papyrula saccharis	de Laubenfels 1930
31	Stelletta clarella	de Laubenfels 1930
32	Stelletta estrella	de Laubenfels 1930
33	Family Geodiidae	
34	Subfamily Geodinae	I
35	Geodia gibberosa	Lamarck 1815
36	Geodia mesotriena	von Ledenfeld 1910
37	Family Pachastrellidae	(0.11 1006)
38	Poecillastra tenuilaminaris	(Sollas 1886)
39	Normania tenuilaminaris	Sollas 1886
40	Sphincturella sp A	Green & Bakus 1994
41	Order Hadromerida	
42	Family Clionaidae	(1.1.1.01.1000)
43	Cliona californiana	(de Laubenfels 1932)
44	Cliona celata californiana	de Laubenfels 1932
45	Family Spirastrellidae	
46	Spheciospongia confoederata	de Laubenfels 1930
47	Family Suberitidae	
48	Suberites latus	Lambe 1892
49	Suberites ficus	of authors NEP in part not (Johnston 1842)
50	Suberites suberia	of SCAMIT Ed 5
51	Family Tethyidae	
52	Tethya californiana	de Laubenfels 1932
53	Tethya aurantia var californiana	de Laubenfels 1932
54	Tethya aurantium	of authors NEP not (Pallis 1766)
55	Family Timeidae	
56	Timea authia	de Laubenfels 1930
57	Subclass Ceractinomorpha	
58	Order Poecilosclerida	
59	Suborder Microcionina	
60	Family Acarnidae	
61	Acarnus erithracus	de Laubenfels 1927
62	Iophon rayae	(Bakus 1966)
63	Hymedesanisochela rayae	Bakus 1966
64	Family Microcionidae	
65	Subfamily Microcioninae	
66	Clathria (Clathria) asodes	(de Laubenfels 1930)
67	Eurypon asodes	de Laubenfels 1930
68	Clathria (Microciona) microjoanna	(de Laubenfels 1930)
69	Microciona microjoanna	de Laubenfels 1930
70	Clathria (Microciona) parthena	(de Laubenfels 1930)
71	Microciona parthena	de Laubenfels 1930
72	Clathria (Microciona) pennata	(Lambe 1895)
		· /

70	<b>5</b>	
73	Desmacella pennata	Lambe 1895
74	Clathria (Microciona) spongigartina	(de Laubenfels 1930)
75	Anaata spongigartina	de Laubenfels 1930
76	Clathria (Thalysias) originalis	(de Laubenfels 1930)
77	Esperiopsis originalis	de Laubenfels 1930
78	Axiocielita originali	of authors NEP
79	Subfamily Ophlitaspongiinae	
80	Antho (Acarnia) illgi	(Bakus 1966)
81	Plocamia illgi	Bakus 1966
82	Antho (Acarnia) karykina	(de Laubenfels 1927)
83	Plocamia karykina	de Laubenfels 1927
84	Family Raspailiidae	
85	Subfamily Raspailiinae	
86	Endectyon (Hemectyon) hyle	(de Laubenfels 1932)
		de Laubenfels 1932)
87	Hemectyon hyle	de Laubenfeis 1932
88	Subfamily Cyamoninae	LE C. 1977
89	Cyamon neon	J. E. Gray 1867
90	Suborder Myxillina	
91	Family Hymedesmiidae	
92	Acanthancora cyanocrypta	(de Laubenfels 1930)
93	Hymenamphiaster cyanocrypta	de Laubenfels 1930
94	Family Coelosphaeridae	
95	Forcepia sp	
96	Family Myxillidae	
97	Myxilla incrustans	(Johnston 1842)
98	Halichondria incrustans	Johnston 1842
99	Myxilla barentsi	Lambe 1895
100	· · · · · · · · · · · · · · · · · · ·	Lambe 1895
	Myxilla behringensis	
101	Myxilla rosacea	Lambe 1893
102	Plocamiancora igzo	(de Laubenfels 1930)
103	Plocamia igzo	de Laubenfels 1930
104	Family Tedaniidae	
105	Tedania (Trachytedania) gurjanovae	Koltun 1958
106	Suborder Mycalina	
107	Family Mycalidae	
108	Mycale psila	(de Laubenfels 1930)
400	* *	
109	Paresperella psila	de Laubenfels 1930
	Paresperella psila Order Halichondrida	de Laubenfels 1930
110	Order Halichondrida	de Laubenfels 1930
110 111	Order Halichondrida  Family Axinellidae	de Laubenfels 1930
110 111 112	Order Halichondrida <b>Family Axinellidae</b> <i>Axinella</i> sp	de Laubenfels 1930
110 111 112 113	Order Halichondrida <b>Family Axinellidae</b> Axinella sp <b>Family Desmoxyidae</b>	de Laubenfels 1930
110 111 112 113 114	Order Halichondrida  Family Axinellidae  Axinella sp  Family Desmoxyidae  Higginsia sp	de Laubenfels 1930
110 111 112 113 114 115	Order Halichondrida  Family Axinellidae  Axinella sp  Family Desmoxyidae  Higginsia sp  Family Halichondriidae	
110 111 112 113 114 115 116	Order Halichondrida  Family Axinellidae  Axinella sp  Family Desmoxyidae  Higginsia sp  Family Halichondriidae  Halichondria bowerbanki	Burton 1930
110 111 112 113 114 115 116 117	Order Halichondrida  Family Axinellidae  Axinella sp  Family Desmoxyidae  Higginsia sp  Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea	Burton 1930 (Pallas 1766)
110 111 112 113 114 115 116	Order Halichondrida  Family Axinellidae  Axinella sp Family Desmoxyidae  Higginsia sp Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea  Spongia panicea	Burton 1930 (Pallas 1766) Pallas 1766
110 111 112 113 114 115 116 117	Order Halichondrida  Family Axinellidae  Axinella sp  Family Desmoxyidae  Higginsia sp  Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea	Burton 1930 (Pallas 1766)
110 111 112 113 114 115 116 117 118	Order Halichondrida  Family Axinellidae  Axinella sp Family Desmoxyidae  Higginsia sp Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea  Spongia panicea	Burton 1930 (Pallas 1766) Pallas 1766
110 111 112 113 114 115 116 117 118 119	Order Halichondrida  Family Axinellidae  Axinella sp Family Desmoxyidae  Higginsia sp Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea  Spongia panicea  Hymeniacidon sinapium	Burton 1930 (Pallas 1766) Pallas 1766 de Laubenfels 1930
110 111 112 113 114 115 116 117 118 119 120 121	Order Halichondrida  Family Axinellidae  Axinella sp Family Desmoxyidae  Higginsia sp Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea  Spongia panicea  Hymeniacidon sinapium  Hymeniacidon ungodon	Burton 1930 (Pallas 1766) Pallas 1766 de Laubenfels 1930
110 111 112 113 114 115 116 117 118 119 120 121 122	Order Halichondrida  Family Axinellidae  Axinella sp Family Desmoxyidae  Higginsia sp Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea  Spongia panicea  Hymeniacidon sinapium  Hymeniacidon ungodon  Order Haplosclerida  Suborder Haplosclerina	Burton 1930 (Pallas 1766) Pallas 1766 de Laubenfels 1930
110 111 112 113 114 115 116 117 118 119 120 121 122 123	Order Halichondrida  Family Axinellidae  Axinella sp Family Desmoxyidae  Higginsia sp Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea  Spongia panicea  Hymeniacidon sinapium  Hymeniacidon ungodon  Order Haplosclerida  Suborder Haplosclerina  Family Chalinidae	Burton 1930 (Pallas 1766) Pallas 1766 de Laubenfels 1930 de Laubenfels 1932
110 111 112 113 114 115 116 117 118 119 120 121 122 123 124	Order Halichondrida  Family Axinellidae  Axinella sp Family Desmoxyidae  Higginsia sp Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea  Spongia panicea  Hymeniacidon sinapium  Hymeniacidon ungodon  Order Haplosclerida  Suborder Haplosclerina  Family Chalinidae  Chalinula ecbasis	Burton 1930 (Pallas 1766) Pallas 1766 de Laubenfels 1930 de Laubenfels 1932
110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125	Order Halichondrida  Family Axinellidae  Axinella sp Family Desmoxyidae  Higginsia sp Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea  Spongia panicea  Hymeniacidon sinapium  Hymeniacidon ungodon  Order Haplosclerida  Suborder Haplosclerina  Family Chalinidae  Chalinula ecbasis  Haliclona ecbasis	Burton 1930 (Pallas 1766) Pallas 1766 de Laubenfels 1930 de Laubenfels 1932 (de Laubenfels 1930) de Laubenfels 1930
110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126	Order Halichondrida  Family Axinellidae  Axinella sp Family Desmoxyidae  Higginsia sp Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea  Spongia panicea  Hymeniacidon sinapium  Hymeniacidon ungodon  Order Haplosclerida  Suborder Haplosclerina  Family Chalinidae  Chalinula ecbasis  Haliclona (Halicoclona) gellindra	Burton 1930 (Pallas 1766) Pallas 1766 de Laubenfels 1930 de Laubenfels 1932  (de Laubenfels 1930) de Laubenfels 1930 (de Laubenfels 1930)
110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127	Order Halichondrida  Family Axinellidae  Axinella sp Family Desmoxyidae  Higginsia sp Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea  Spongia panicea  Hymeniacidon sinapium  Hymeniacidon ungodon  Order Haplosclerida  Suborder Haplosclerina  Family Chalinidae  Chalinula ecbasis  Haliclona ecbasis  Haliclona (Halicoclona) gellindra  Halicoclona gellindra	Burton 1930 (Pallas 1766) Pallas 1766 de Laubenfels 1930 de Laubenfels 1932  (de Laubenfels 1930) de Laubenfels 1930 (de Laubenfels 1932) de Laubenfels 1932)
110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128	Order Halichondrida  Family Axinellidae  Axinella sp Family Desmoxyidae  Higginsia sp Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea  Spongia panicea  Hymeniacidon sinapium  Hymeniacidon ungodon  Order Haplosclerida  Suborder Haplosclerina  Family Chalinidae  Chalinia ecbasis  Halicolona ecbasis  Halicolona (Halicoclona) gellindra  Halicolona (Rhizoniera) enamela	Burton 1930 (Pallas 1766) Pallas 1766 de Laubenfels 1930 de Laubenfels 1932  (de Laubenfels 1930) de Laubenfels 1930 (de Laubenfels 1930)
110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129	Order Halichondrida  Family Axinellidae  Axinella sp Family Desmoxyidae  Higginsia sp Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea  Spongia panicea  Hymeniacidon sinapium  Hymeniacidon ungodon  Order Haplosclerida  Suborder Haplosclerina  Family Chalinidae  Chalinula ecbasis  Haliclona (Halicoclona) gellindra  Halicoclona gellindra  Halicolona (Rhizoniera) enamela  Family Niphatidae	Burton 1930 (Pallas 1766) Pallas 1766 de Laubenfels 1930 de Laubenfels 1932  (de Laubenfels 1930) de Laubenfels 1930 (de Laubenfels 1932) de Laubenfels 1932 de Laubenfels 1932
110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130	Order Halichondrida  Family Axinellidae  Axinella sp Family Desmoxyidae  Higginsia sp Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea  Spongia panicea  Hymeniacidon sinapium  Hymeniacidon ungodon  Order Haplosclerida  Suborder Haplosclerina  Family Chalinidae  Chalinia ecbasis  Halicolona ecbasis  Halicolona (Halicoclona) gellindra  Halicolona (Rhizoniera) enamela	Burton 1930 (Pallas 1766) Pallas 1766 de Laubenfels 1930 de Laubenfels 1932  (de Laubenfels 1930) de Laubenfels 1930 (de Laubenfels 1932) de Laubenfels 1932)
110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129	Order Halichondrida  Family Axinellidae  Axinella sp Family Desmoxyidae  Higginsia sp Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea  Spongia panicea  Hymeniacidon sinapium  Hymeniacidon ungodon  Order Haplosclerida  Suborder Haplosclerina  Family Chalinidae  Chalinula ecbasis  Haliclona (Halicoclona) gellindra  Halicoclona gellindra  Halicolona (Rhizoniera) enamela  Family Niphatidae	Burton 1930 (Pallas 1766) Pallas 1766 de Laubenfels 1930 de Laubenfels 1932  (de Laubenfels 1930) de Laubenfels 1930 (de Laubenfels 1932) de Laubenfels 1932 de Laubenfels 1932
110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130	Order Halichondrida  Family Axinellidae  Axinella sp Family Desmoxyidae  Higginsia sp Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea  Spongia panicea  Hymeniacidon sinapium  Hymeniacidon ungodon  Order Haplosclerida  Suborder Haplosclerina  Family Chalinidae  Chalinida ecbasis  Halicolona ecbasis  Halicolona (Halicoclona) gellindra  Halicolona (Rhizoniera) enamela  Family Niphatidae  Niphates lunisimilis	Burton 1930 (Pallas 1766) Pallas 1766 de Laubenfels 1930 de Laubenfels 1932  (de Laubenfels 1930) de Laubenfels 1930 (de Laubenfels 1932) de Laubenfels 1932 de Laubenfels 1930 (de Laubenfels 1930)
110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 127 127 128 129 130 131	Order Halichondrida  Family Axinellidae  Axinella sp Family Desmoxyidae  Higginsia sp Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea  Spongia panicea  Hymeniacidon sinapium  Hymeniacidon ungodon  Order Haplosclerina  Suborder Haplosclerina  Family Chalinidae  Chalinula ecbasis  Haliclona (Halicoclona) gellindra  Halicoclona gellindra  Halicolona (Rhizoniera) enamela  Family Niphatidae  Niphates lunisimilis  Haliclona lunisimilis	Burton 1930 (Pallas 1766) Pallas 1766 de Laubenfels 1930 de Laubenfels 1932  (de Laubenfels 1930) de Laubenfels 1930 (de Laubenfels 1932) de Laubenfels 1932 de Laubenfels 1930 (de Laubenfels 1930)
110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 131	Order Halichondrida  Family Axinellidae  Axinella sp  Family Desmoxyidae  Higginsia sp  Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea  Spongia panicea  Hymeniacidon sinapium  Hymeniacidon ungodon  Order Haplosclerida  Suborder Haplosclerina  Family Chalinidae  Chalinula ecbasis  Haliclona (Halicoclona) gellindra  Halicolona (Haliconiera) enamela  Family Niphatidae  Niphates lunisimilis  Haliclona lunisimilis  Haliclona lunisimilis  Suborder Petrosina	Burton 1930 (Pallas 1766) Pallas 1766 de Laubenfels 1930 de Laubenfels 1932  (de Laubenfels 1930) de Laubenfels 1930 (de Laubenfels 1932) de Laubenfels 1932 de Laubenfels 1930 (de Laubenfels 1930)
110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 131 132 133 134	Order Halichondrida  Family Axinellidae  Axinella sp Family Desmoxyidae  Higginsia sp Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea  Spongia panicea  Hymeniacidon sinapium  Hymeniacidon ungodon  Order Haplosclerida  Suborder Haplosclerina  Family Chalinidae  Chalinula ecbasis  Haliclona ecbasis  Haliclona (Halicoclona) gellindra  Halicolona (Rhizoniera) enamela  Family Niphatidae  Niphates lunisimilis  Haliclona lunisimilis  Suborder Petrosina  Family Petrosiidae  Neopetrosia zumi	Burton 1930 (Pallas 1766) Pallas 1766 de Laubenfels 1930 de Laubenfels 1932  (de Laubenfels 1930) de Laubenfels 1930 (de Laubenfels 1932) de Laubenfels 1932 de Laubenfels 1930 (de Laubenfels 1930) (de Laubenfels 1930) (Ristau 1978)
110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135	Order Halichondrida  Family Axinellidae  Axinella sp Family Desmoxyidae  Higginsia sp Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea  Spongia panicea  Hymeniacidon sinapium  Hymeniacidon ungodon  Order Haplosclerida  Suborder Haplosclerina  Family Chalinidae  Chalinula ecbasis  Haliclona ecbasis  Haliclona (Halicoclona) gellindra  Haliclona (Rhizoniera) enamela  Family Niphatidae  Niphates lunisimilis  Haliclona lunisimilis  Suborder Petrosina  Family Petrosiidae  Neopetrosia zumi  Toxadocia zumi	Burton 1930 (Pallas 1766) Pallas 1766 de Laubenfels 1930 de Laubenfels 1932  (de Laubenfels 1930) de Laubenfels 1930 (de Laubenfels 1932) de Laubenfels 1932 de Laubenfels 1930  (de Laubenfels 1930) (Ristau 1978) Ristau 1978
110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 132 133 134 135 136	Order Halichondrida  Family Axinellidae  Axinella sp Family Desmoxyidae  Higginsia sp Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea  Spongia panicea  Hymeniacidon sinapium  Hymeniacidon ungodon  Order Haplosclerida  Suborder Haplosclerina  Family Chalinidae  Chalinula ecbasis  Haliclona ecbasis  Haliclona (Halicoclona) gellindra  Halicolona gellindra  Haliclona (Rhizoniera) enamela  Family Niphatidae  Niphates lunisimilis  Haliclona lunisimilis  Suborder Petrosina  Family Petrosiidae  Neopetrosia zumi  Toxadocia zumi  Toxadocia zumi  Xestospongia dubia	Burton 1930 (Pallas 1766) Pallas 1766 de Laubenfels 1930 de Laubenfels 1932  (de Laubenfels 1930) de Laubenfels 1930 (de Laubenfels 1932) de Laubenfels 1932 de Laubenfels 1932 de Laubenfels 1930  (Ristau 1978) Ristau 1978 (Ristau 1978)
110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137	Order Halichondrida  Family Axinellidae  Axinella sp Family Desmoxyidae  Higginsia sp Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea  Spongia panicea  Hymeniacidon sinapium  Hymeniacidon ungodon  Order Haplosclerida  Suborder Haplosclerina  Family Chalinidae  Chalinula ecbasis  Haliclona ecbasis  Haliclona (Halicoclona) gellindra  Halicolona gellindra  Halicona (Rhizoniera) enamela  Family Niphatidae  Niphates lunisimilis  Haliclona lunisimilis  Suborder Petrosina  Family Petrosiidae  Neopetrosia zumi  Toxadocia zumi  Xestospongia dubia  Adocia dubia	Burton 1930 (Pallas 1766) Pallas 1766 de Laubenfels 1930 de Laubenfels 1932  (de Laubenfels 1930) (de Laubenfels 1932) de Laubenfels 1932 de Laubenfels 1932 de Laubenfels 1930  (de Laubenfels 1930) (de Laubenfels 1930) de Laubenfels 1930) Ristau 1978) Ristau 1978 (Ristau 1978) Ristau 1978
110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 130 131 132 133 134 135 136 137 138	Order Halichondrida  Family Axinellidae  Axinella sp Family Desmoxyidae  Higginsia sp Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea  Spongia panicea  Hymeniacidon sinapium  Hymeniacidon ungodon  Order Haplosclerina  Family Chalinidae  Chalinula ecbasis  Haliclona (Halicoclona) gellindra  Halicona (Rhizoniera) enamela  Family Niphatidae  Niphates lunisimilis  Haliclona lunisimilis  Suborder Petrosina  Family Petrosiidae  Neopetrosia zumi  Toxadocia zumi  Xestospongia dubia  Adocia dubia  Xestospongia edapha	Burton 1930 (Pallas 1766) Pallas 1766 de Laubenfels 1930 de Laubenfels 1932  (de Laubenfels 1930) (de Laubenfels 1932) de Laubenfels 1932 de Laubenfels 1932 de Laubenfels 1930  (de Laubenfels 1930  (Ristau 1978) Ristau 1978 (Ristau 1978) Ristau 1978 (Ristau 1978) Ristau 1978 (de Laubenfels 1930)
110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139	Order Halichondrida  Family Axinellidae  Axinella sp Family Desmoxyidae  Higginsia sp Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea  Spongia panicea  Hymeniacidon sinapium  Hymeniacidon ungodon  Order Haplosclerida  Suborder Haplosclerina  Family Chalinidae  Chalinula ecbasis  Haliclona ecbasis  Haliclona (Halicoclona) gellindra  Halicooa (gellindra  Halicooa (gellindra  Halicona (Indiconera) enamela  Family Niphatidae  Niphates lunisimilis  Haliclona lunisimilis  Suborder Petrosina  Family Petrosiidae  Neopetrosia zumi  Toxadocia zumi  Xestospongia dubia  Adocia dubia  Xestospongia edapha  Sigmadocia edaphus	Burton 1930 (Pallas 1766) Pallas 1766 de Laubenfels 1930 de Laubenfels 1932  (de Laubenfels 1930) (de Laubenfels 1932) de Laubenfels 1932 de Laubenfels 1932 de Laubenfels 1930  (de Laubenfels 1930) (de Laubenfels 1930) de Laubenfels 1930) Ristau 1978) Ristau 1978 (Ristau 1978) Ristau 1978
110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 137 138 139 140	Order Halichondrida  Family Axinellidae  Axinella sp Family Desmoxyidae  Higginsia sp Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea  Spongia panicea  Hymeniacidon sinapium  Hymeniacidon ungodon  Order Haplosclerida  Suborder Haplosclerina  Family Chalinidae  Chalinula ecbasis  Haliclona ecbasis  Haliclona (Halicoclona) gellindra  Halicoclona gellindra  Haliclona (Rhizoniera) enamela  Family Niphatidae  Niphates lunisimilis  Haliclona lunisimilis  Suborder Petrosina  Family Petrosiidae  Neopetrosia zumi  Toxadocia zumi  Xestospongia dubia  Adocia dubia  Xestospongia edapha  Sigmadocia edaphus  Order Dictyoceratida	Burton 1930 (Pallas 1766) Pallas 1766 de Laubenfels 1930 de Laubenfels 1932  (de Laubenfels 1930) (de Laubenfels 1932) de Laubenfels 1932 de Laubenfels 1932 de Laubenfels 1930  (de Laubenfels 1930  (Ristau 1978) Ristau 1978 (Ristau 1978) Ristau 1978 (Ristau 1978) Ristau 1978 (de Laubenfels 1930)
110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141	Order Halichondrida  Family Axinellidae Axinella sp Family Desmoxyidae Higginsia sp Family Halichondridae Halichondria bowerbanki Halichondria panicea Spongia panicea Hymeniacidon sinapium Hymeniacidon ungodon Order Haplosclerida Suborder Haplosclerina Family Chalinidae Chalinula ecbasis Haliclona (Halicoclona) gellindra Halicolona (gellindra Halicolona (gellindra) Halicolona (Rhizoniera) enamela Family Niphatidae Niphates lunisimilis Haliclona lunisimilis Suborder Petrosina Family Petrosiidae Neopetrosia zumi Toxadocia zumi Xestospongia dubia Adocia dubia Xestospongia edapha Sigmadocia edaphus Order Dictyoceratida Family Spongiidae	Burton 1930 (Pallas 1766) Pallas 1766 de Laubenfels 1930 de Laubenfels 1932  (de Laubenfels 1930) de Laubenfels 1930) de Laubenfels 1932 de Laubenfels 1932 de Laubenfels 1930  (de Laubenfels 1930) de Laubenfels 1930) de Laubenfels 1930  (Ristau 1978) Ristau 1978 (Ristau 1978 (de Laubenfels 1930) de Laubenfels 1930) de Laubenfels 1930
110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 141	Order Halichondrida  Family Axinellidae  Axinella sp Family Desmoxyidae  Higginsia sp Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea  Spongia panicea  Hymeniacidon sinapium Hymeniacidon ungodon  Order Haplosclerida  Suborder Haplosclerina  Family Chalinidae  Chalinula ecbasis  Haliclona ecbasis  Halicolona (Halicoclona) gellindra Halicoclona gellindra Halicoclona gellindra Halicoclona (Rhizoniera) enamela  Family Niphatidae  Niphates lunisimilis Haliclona lunisimilis Suborder Petrosiida  Family Petrosiidae  Neopetrosia zumi Toxadocia zumi Xestospongia dubia Adocia dubia Xestospongia edapha Sigmadocia edaphus  Order Dictyoceratida  Family Spongiidae  Spongia idia	Burton 1930 (Pallas 1766) Pallas 1766 de Laubenfels 1930 de Laubenfels 1932  (de Laubenfels 1930) (de Laubenfels 1932) de Laubenfels 1932 de Laubenfels 1932 de Laubenfels 1930  (de Laubenfels 1930  (Ristau 1978) Ristau 1978 (Ristau 1978) Ristau 1978 (Ristau 1978) Ristau 1978 (de Laubenfels 1930)
110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141	Order Halichondrida  Family Axinellidae Axinella sp Family Desmoxyidae Higginsia sp Family Halichondridae Halichondria bowerbanki Halichondria panicea Spongia panicea Hymeniacidon sinapium Hymeniacidon ungodon Order Haplosclerida Suborder Haplosclerina Family Chalinidae Chalinula ecbasis Haliclona (Halicoclona) gellindra Halicolona (gellindra Halicolona (gellindra) Halicolona (Rhizoniera) enamela Family Niphatidae Niphates lunisimilis Haliclona lunisimilis Suborder Petrosina Family Petrosiidae Neopetrosia zumi Toxadocia zumi Xestospongia dubia Adocia dubia Xestospongia edapha Sigmadocia edaphus Order Dictyoceratida Family Spongiidae	Burton 1930 (Pallas 1766) Pallas 1766 de Laubenfels 1930 de Laubenfels 1932  (de Laubenfels 1930) de Laubenfels 1930) de Laubenfels 1932 de Laubenfels 1932 de Laubenfels 1930  (de Laubenfels 1930) de Laubenfels 1930) de Laubenfels 1930  (Ristau 1978) Ristau 1978 (Ristau 1978 (de Laubenfels 1930) de Laubenfels 1930) de Laubenfels 1930
110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 141	Order Halichondrida  Family Axinellidae  Axinella sp Family Desmoxyidae  Higginsia sp Family Halichondriidae  Halichondria bowerbanki  Halichondria panicea  Spongia panicea  Hymeniacidon sinapium Hymeniacidon ungodon  Order Haplosclerida  Suborder Haplosclerina  Family Chalinidae  Chalinula ecbasis  Haliclona ecbasis  Halicolona (Halicoclona) gellindra Halicoclona gellindra Halicoclona gellindra Halicoclona (Rhizoniera) enamela  Family Niphatidae  Niphates lunisimilis Haliclona lunisimilis Suborder Petrosiida  Family Petrosiidae  Neopetrosia zumi Toxadocia zumi Xestospongia dubia Adocia dubia Xestospongia edapha Sigmadocia edaphus  Order Dictyoceratida  Family Spongiidae  Spongia idia	Burton 1930 (Pallas 1766) Pallas 1766 de Laubenfels 1930 de Laubenfels 1932  (de Laubenfels 1930) de Laubenfels 1930) de Laubenfels 1932 de Laubenfels 1932 de Laubenfels 1930  (de Laubenfels 1930) de Laubenfels 1930) de Laubenfels 1930  (Ristau 1978) Ristau 1978 (Ristau 1978 (de Laubenfels 1930) de Laubenfels 1930) de Laubenfels 1930

	D : 1 11:	(1.1. 1. (1.1020)
145 146	Dysidea amblia	(de Laubenfels 1930)
146	Duseideia amblia <u>?Dysidea fragilis</u>	de Laubenfels 1930 (Montagu 1818)
148	Spongia fragilis	(Montagu 1818)
149	Order Verongida	Workagu 1010
150	Family Aplysinidae	
151	Ailochroia thiona	(de Laubenfels 1930)
152	Verongia thiona	de Laubenfels 1930
153	Aplysina fistularis	of Sim & Bakus 1986
154	PHYLUM CALCAREA	
155	Class Calcerea	
156	Subclass Calcinea	
157	Order Clathrinida	
158	Family Clathrinidae	(0.1
159 160	<i>Clathrina clathrus</i> Grantia clathrus	(Schmidt 1864) Schmidt 1864
161	Subclass Calcaronea	Schillat 1004
162	Order Leucosoleniida	
163	Family Leucosoleniidae	
164	Leucosolenia eleanor	Urban 1905
165	Leucosolenia nautilia	de Laubenfels 1930
166	Order Scycettida	
167	Family Grantiidae	
168	Leucandra heathi	Urban 1905
169	Leuconia heathi	of de Laubenfels 1930
170	Leucandra losangelensis	(de Laubenfels 1930)
171	Leucetta losangelensis	de Laubenfels 1930
172	Family Amphoriscidae	(III 1000)
173	Leucilla nuttingi	(Urban 1902)
174	Rhabdodermella nuttingi	Urban 1902
175	PHYLUM CNIDARIA Class Staurozoa	
177	Order Stauromedusae	
178	Suborder Eleuterocarpida	
179	Family Depastridae	
180	Manania distincta	(Kishinouye 1910)
181	Thaumastoscyphus distincta	Kishinouye 1910
182	Manania gwilliami	Larsen & Fautin 1989
183	Class Hydrozoa	
184	Subclass Anthoathecatae	
185	Order Capitata	
186	Family Candelabridae	
187	Candelabrum sp	
188	Family Corymorphidae	(M 1005)
189	Corymorpha bigelowi	(Maas 1905)
190 191	Euphysora bigelowi	Maas 1905 of Uchida 1927
192	Euphysa bigelowi Steenstrupia bigelowi	of Mayer 1910
193	Corymorpha palma	Torrey 1902
194	Corymorpha sp A	Ljubenkov 1997 §
195	Corymorphidae sp SD1	Pasko 1999 §
196	Euphysa sp A	Hochberg & Ljubenkov 1998
197	Corymorpha aurata	of Fauchald & Jones 1976 not (Forbes 1848)
198	Family Tubulariidae	
199	Pina <mark>u</mark> ay crocea	(L. Agassiz 1862)
200	Parypha crocea	L. Agassiz 1862
201	Tubularia crocea	of authors NEP
202	Pinauay marina	(Torrey 1902)
203	Ectopleura marina	Torrey 1902
204	Tubularia sp A	Ljubenkov 1993 §
205 206	Family Corynidae  Coryne eximia	Allman 1859
207	Coryne eximia Syncoryne eximia	of authors NEP
208	Sarsia tubulosa Cmplx	or additions INCI
209	Family Pennariidae	
210	unidentified	
211	Order Filifera	
212	Family Bougainvilliidae	
213	Bimeria sp	
214	Bougainvilleidae sp A	(Ljubenkov 1976 §)
215	Perigonimus sp A	Ljubenkov 1976 §
216	Garveia franciscana	(Torrey 1902)

047	——————————————————————————————————————	T. 1002
217	Bimeria franciscana	Torry 1902
218	Rhizorhagium formosum	(Fewkes 1889)
219	Perigonimus formosus	Fewkes 1889
220	Bimeria formosa	of Torrey 1902
221	Garveia formosa	of Fraser 1948
222	Perigonimus serpens Cmplx	of SCAMIT Ed 4 in part
223	Family Pandeidae	
224	Halitholus cirratus	Hartlaub 1913
225	Perigonimus yoldiarcticae	of authors NEP not Birula 1897
226	Leuckartiara octona	(Fleming 1823)
227	Geryonia octona	Fleming 1823
228	Perigonimus jonesi	Osborn & Hargitt 1894
229	Perigonimus serpens Cmplx	of SCAMIT Ed 4 in part
230	Family Eudendriidae	
231	Eudendrium capillare	Alder 1856
232	Eudendrium rameum	(Pallas 1766)
233	Tubularia ramea	Pallas 1766
234	Eudendrium ramosum	(Linnaeus 1758)
235	Tubularia ramosa	Linnaeus 1758
236	Family Hydractiniidae	
237	Hydractinia sp	
238	Stylactis sp	
239	Family Oceaniidae	
240	Merona laxa	(Fraser 1938)
241	Tubiclava laxa	Fraser 1938
242	Family Olindiidae	110301 1000
243	Monobrachium parasitum	Mereschkovsky 1877
243	<u>*</u>	Bonnevie 1899
244	Monobrachium parasiticum  Family Zancleidae	Bonnevie 1699
	Zanclea homala	Dagra Davillan & Cravili 2000
246		Boero, Bouillon & Gravili 2000
247	Subclass Leptothecatae	
248	Order Proboscoida	
249	Family Campanulariidae	(Linnania 1759)
250	Campanularia volubilis	(Linnaeus 1758)
251	Sertularia volubilis	Linnaeus 1758
252	Campanularia groenlandica	Levensen 1893
253	Campanularia hincksi	Alder 1857
254	Campanularia urceolata	S. F. Clark 1876
255	Clytia universitatis	Torrey 1904
256	Laomed <mark>e</mark> a calceolifera	(Hincks 1871)
257	Campanularia calceolifera	Hincks 1871
258	Obelia sp A	MEC 1990 §
259	Obelia dichotoma Cmplx	
260	Obelia geniculata	(Linnaeus 1758)
261	Sertularia geniculata	Linnaeus 1758
262	Orthopyxis everta	(S. F. Clark 1876)
263	Campanularia everta	S. F. Clark 1876
264	Eucopella everta	of Fraser 1937
265	Rhizocaulus verticillatus	(Linnaeus 1758)
266	Sertularia verticillata	Linnaeus 1758
267	Campanularia verticillata	of Fraser 1937
268	Verticillina verticillata	of Naumov 1960
269	Order Conica	
270	Family Lovenellidae	
271	Lovenella nodosa	Fraser 1938
272	Family Kirchenpaueriidae	
273	Kirchenpaueria plumularioides	(S. F. Clark 1876)
274	Halecium plumularioides	S. F. Clark 1876
275	Plumularia plumularioides	of authors NEP
276	Pycnotheca allmani	(Torrey 1902)
277	Diplocheilus allmani	Torrey 1902
278	Family Campanulinidae	10110y 1002
279	Campanulina sp	
280	Family Calycellidae	
		(Linnagua 1767)
281	Calycella syringa	(Linnaeus 1767)
282	Sertularia syringa	Linnaeus 1767
283	Calicella syringa	of Naumov 1969
284	Family Aglaopheniidae	T 1004
285	Aglaophenia diegensis	Torrey 1904
286	Aglaophenia fluxa	Fraser 1948
287	Aglaophenia inconspicua	Torrey 1902
288	Aglaophenia struthionides	(Murray 1860)

289	Plumularia struthionides	Murray 1860
290	Aglaophenia sp A	MEC 1990 §
291	Cladocarpus sp A	MEC 1990 §
292	Family Plumulariidae	
293	Antenella avalonia	Torrey 1902
294	Plumularia alicia Cmplx	
295	Plumularia goodei	Nutting 1900
296	Plumularia integra	Fraser 1948
297	Plumularia lagenifera	Allman 1885
298	Plumularia setacea	(Linnaeus 1758)
299	Sertularia setacea	Linnaeus 1758
300	Plumularia corrugata	Nutting 1900
301	Family Haleciidae	Naturing 1000
302	Halecium beani	(Johnston 1838)
303	Thoa beanii	Johnston 1838
304	Halecium delicatulum	Coughtrey 1876
305	Halecium flexile	Allman 1888
306	Halecium densum	Calkins 1899
307	Family Syntheciidae	
308	Synthecium cylindricum	(Bale 1888)
309	Sertularella cylindrica	Bale 1888
310	Family Sertulariidae	
311	Abietenaria expansa	Fraser 1938
312	Hebellopsis expansa	of authors NEP
313	Abietenaria inconstans	(Clark 1876)
314	Sertularia inconstans	Clark 1876
315	Abietinaria traski	(Torrey 1902)
316	Sertularia traski	Torrey 1902
317	Amphisbetia furcata	(Trask 1857)
	1 0	
318	Sertularia furcata	Trask 1857
319	Dynamena pumila	(Linnaeus 1768)
320	Sertularia pumila	Linnaeus 1768
321	Salacia cornicina	(McCrady 1858)
322	Sertularia cornicina	McCrady 1858
323	Selaginopsis cylindrica	(S. F. Clark 1876)
324	Thuiaria cylindrica	S. F. Clark 1876
325	Sertularella rugosa	(Linnaeus 1758)
326	Sertularia rugosa	Linnaeus 1758
327	Sertularella tenella	(Alder 1857)
328	Sertularia tenella	Alder 1857
329	Symplectoscyphus pedrensis	(Torrey 1904)
330	Sertularella pedrensis	Torrey 1904
331	Sertularella conica	of Torrey 1902 not Allman 1877
332	Symplectoscyphus turgidus	(Trask 1857)
333		(11dsk 1657) Trask 1857
	Sertularia turgida	17ask 1857
334	Family uncertain	G: 1 1021
335	Egmundella gracilis	Stechow 1921
336	Oplorhiza gracilis	of authors NEP
337	Oplorhiza polynema	(Fraser 1948)
338	Egmundella polynema	Fraser 1948
339	Order Siphonophora	
340	Suborder Physonectae	
341	Family Rhodaliidae	
342	Dromalia alexandri	Bigelow 1911
343	Class Anthozoa	8
344	Subclass Octocorallia	
345	Order Stolonifera	
346	Family Clavulariidae	
347	Clavularia sp H	Hochberg 1978 §
		Hochberg 1978 g
348	Family Telestidae	V#1 4-11012
349	Telesto californica	Kükenthal 1913
350	Telesto nuttingi	Kükenthal 1913
351	family uncertain	
352	Stolonifera gen 1 sp B	Hochberg 1978 §
353	Order Alcyonacea	- · · ·
354	Suborder Holaxonia	
355	Family Gorgoniidae	
356	Adelogorgia phyllosclera	Bayer 1958
357	Adelogorgia sp A	Ljubenkov 1994 §
358	Eugorgia rubens	Verrill 1868
350 359	0 0	Verrill 1868
	Heterogorgia tortuosa	
360	Leptogorgia caryi	Verrill 1868

361	Euplexaura marki	Kükenthal 1913
362	Psammogorgia arbuscula	Nutting 1909
363	Leptogorgia chilensis	Verrill 1868
364	Lophogorgia chilensis	of authors NEP
365	Family Plexauridae	
366	Muricea californica	Aurivillius 1931
367	Swiftia sp	
368	Thesea sp A	Ljubenkov 1986 §
369	Thesea sp B	Ljubenkov 1986 §
370	Family Primnoidae	
371	Parastenella ramosa	(Wright & Studer 1889)
372	Stenella ramosa	Wright & Studer 1889
		•
373	Parastenella doederleini	of SCAMIT Ed 5 not (Wright & Studer 1889)
374	Order Pennatulacea	
375	Suborder Sessiliflorae	
376	Family Renillidae	D 0 00 100 5
377	Renilla koellikeri	Pfeffer 1886
378	Renilla amethystina	Verrill 1864
379	Family Stachyptilidae	
380	Stachyptilum superbum	Studer 1894
381	Suborder Subselliflorae	
382	Family Ombellulidae	
383	Umbellula magniflora	Kölliker 1880
384	Umbellula loma	Nutting 1909
385	Family Anthoptilidae	Trailing 1000
386	Anthoptilum grandiflorum	(Verrill 1879)
387	Virgularia grandiflora	Verrill 1879
388		
	Anthoptilum murrayi	of Nutting 1912 not Kölliker 1889
389	Anthoptilum thomsoni	Kölliker 1881
390	Family Halipteridae	0.5 00.400.00
391	Halipteris californica	(Moroff 1902)
392	Pavonaria californica	Moroff 1902
393	Balticina pacifica	Nutting 1909
394	Halipteris contorta	Nutting 1909
395	Stachyptilum quadridentatum	Nutting 1909
396	Family Virgulariidae	
397	Acanthoptilum sp	
398	Stylatula elongata	(Gabb 1863)
399	Virgularia elongata	Gabb 1863
400	Stylatula columbiana	Verrill 1922
401	Stylatula elongata	Verrill 1864
402	Stylatula ringei	Pfeffer 1886
403	Stylatula iniger	Ljubenkov 1991 §
	· · · · · · · · · · · · · · · · · · ·	3
404	Virgularia agassizii	Studer 1894
405	Halisceptrum cystiferum	Nutting 1909
406	Virgularia bromleyi	of authors NEP not Kölliker 1880
407	Virgularia sp A	Ljubenkov 1991 §
408	Virgularia tuberculata	of authors NEP not Marshall 1877
409	Virgularia californica	Pfeffer 1886
410	Virgularia galapagensis	of Ricketts et al 1968 not Hickson 1930
411	Virgularia reinwardti	of Kukenthal 1915 not Herklots 1858
412	<i>Virgularia</i> sp B	Ljubenkov 2011 §
413	Family Pennatulidae	,
414	Pennatula californica	Kükenthal 1913
415	Pennatula aculeata	of Nutting 1909 not Danielssen 1858
416	Pennatula phosphorea var californica	Kükenthal 1913
417	Ptilosarcus gurneyi	(Gray 1860)
418	~ ·	· · · · · · · · · · · · · · · · · · ·
	Sarcoptilus gurneyi	Gray 1860
419	Leioptilum quadrangulare	of Kükenthal 1913
420	Lioptilum verrilli	Pfeffer 1886
421	Leioptilus gurneyi	of Ricketts et al 1968
422	Penatula tenua	Gould 1853
423	Ptilosarcus quadrangularis	Moroff 1902
424	Sarcoptilus sinuosus	Gray 1860
425	Subclass Ceriantipatharia	•
426	Order Ceriantharia	
427	Suborder Spirularia	
428	Family Cerianthidae	
429	Arachnanthus sp A	Ljubenkov & Pasko 1998 §
430	Pachycerianthus fimbriatus	McMurrich 1910
431	Pachycerianthus fimoriatus  Pachycerianthus torreyi	Arai 1965
431	family uncertain	Alai 1800
402	ianny uncertain	

433	Ceriantharia sp C	MEC 1986 §
434	Ceriantharia sp D	MEC 1986 §
435	Subclass Zoantharia	MEC 1900 §
436	Order Scleractinia	
437	Suborder Faviina	
438	Superfamily Favioidea	
439	Family Rhisangiidae	
440	Astrangia haimei	Verrill 1866
441	Astrangia lajollaensis	Durham 1947
442 443	Suborder Caryophylliina Superfamily Caryophyllioidea	
443 444	Family Caryophylliidae	
445	Caryophyllia alaskensis	Vaughan 1941
446	Coenocyathus bowersi	Vaughan 1906
447	Desmophyllum dianthus	(Esper 1794)
448	Madrepora dianthus	Esper 1794
449	Desmophyllum cristagalli	H. Milne Edwards & Haime 1848
450	Lophelia pertusa	(Linnaeus 1758)
451	Madrepora pertusa	Linnaeus 1758
452	Dendrosmilia nomlandi	Durham & Barnard 1952
453	Lophelia californica	Durham 1947
454 455	Lophelia prolifera Madrepora prolifera	of Cairns 1979 Pallas 1766
456	Paracyathus stearnsii	Verrill 1869
457	Paracyathus caltha	Verrill 1869
458	Paracyathus tiburonensis	Durham 1947
459	Suborder Dendrophylliina	
460	Family Dendrophylliidae	
461	Balanophyllia elegans	Verrill 1864
462	Order Actiniaria	
463	Suborder Nynantheae	
464	Family Edwardsiidae	
465 466	<mark>Drillactis sp</mark> Edwardsia californica	McMurrich 1903
467	Edwardsia (Edwardsiella) californica	McMurrich 1903
468	Edwardsia juliae	Daly & Ljubenkov 2008
469	Edwardsia sipunculides	of authors NEP not (Stimpson 1853)
470	Edwardsia sp G	MEC 1992 §
471	Edwardsia olguini	Daly & Ljubenkov 2008
472	Isoedwardsia sp A	Ljubenkov 1980 § in part
473	Isoedwardsia sp B	Ljubenkov 1980 § in part
474	Scolanthus sp A	SCAMIT 1983 § in part
475	Edwardsia profunda	Daly & Ljubenkov 2008
476	Edwardsia sp A	SCAMIT 1983 §
477 478	<i>Metedwardsia</i> sp A <i>Scolanthus scamiti</i>	Ljubenkov 1980 § Daly & Ljubenkov 2008
478 479	Scolanthus scamul Scolanthus sp B	MEC 1992 §
480	Scolanthus triangulus	Daly & Ljubenkov 2008
481	Isoedwardsia sp A	Ljubenkov 1980 § in part
482	Isoedwardsia sp B	Ljubenkov 1980 § in part
483	Scolanthus sp A	SCAMIT 1983 § in part
484	Family Halcampoididae	
485	Halcampoides purpurea	(Studer1879)
486	Halcampa purpurea	Studer 1879
487	Pentactinia californica	Carlgren 1900
488	Family Limnactiniidae	CCAMIT 1000 6
489 490	Limnactiniidae sp A Anthozoa #84	SCAMIT 1989 § Ljubenkov 1984 §
491	Family Haloclavidae	Ljubenkov 1964 g
492	Anemonactis sp A	Ljubenkov 1986 §
493	Harenactis attenuata	Torrey 1902
494	Peachia quinqecapitata	McMurrich 1913
495	Family Halcampidae	
496	Cactosoma arenaria	Carlgren 1931
497	Halcampa decemtentaculata	Hand 1954
498	Anthozoa #87	Ljubenkov 1984 §
499	Anthozoa #92	Ljubenkov 1984 §
500 501	Athenaria sp A	SCAMIT 1989 §
501 502	Halcampidae sp A	SCAMIT 1989 §
502 503	<i>Halianthella</i> sp A Anthozoa #12	SCAMIT 1989 § Ljubenkov 1984 §
503	Anthozoa #12 Anthozoa #21	Ljubenkov 1984 §
551	ANGIOLOGI II Z I	2,00001 1001 3

505	Anthorno #0F	Liubankay 1004 S
506		Ljubenkov 1984 § Ljubenkov 1984 §
507		* <del>*</del>
508	1	Ljubenkov 1989 §
		Ljubenkov 1984 §
509	· · · · · · · · · · · · · · · · · · ·	(D. 1, 1025)
510	1 0	(Brandt 1835)
511	· · · · · · · · · · · · · · · · · · ·	Brandt 1835
512	1 0	(Brandt 1835)
513	· · · · · · · · · · · · · · · · · · ·	Brandt 1835
514	Epiactis prolifera	Verrill 1869
515	Epiactis fertilis	Carlgren 1945
516	Urticina columbiana	Verrill 1922
517	Tealia columbiana	of Gotshall & Laurent 1979
518		
519	·	SCAMIT 1989 §
520		Ljubenkov 1984 §
521		Hand 1955
522	·	of authors SCB not M. Sars 1835
523		VI 10 D 1 111007
524	0	Hand & Bushnell 1967
525		
526	Liponema brevicornis	(McMurrich 1893)
527	Bolocera brevicornis	McMurrich 1893
528	Family Actinostolidae	
529	Actinostola sp A	Ljubenkov 1998 §
530		(McMurrich 1893)
531	1	McMurrich 1893
532		WOWINGTH 1000
		C 1026
533	1 3	Carlgren 1936
534	1 0	Carlgren 1936
535		Ljubenkov 1991 §
536		
537	Sagartia catalinensis	McPeak 1968
538	Family Boloceroididae	
539	Bunodeopsis sp A	Ljubenkov 1998 §
540		j
541		Hand 1956
542		
		(Brandt 1835)
543		Brandt 1835
544	and the second	Tilesius 1809 not Forskal 1775
545	Isometridium ricketsii	Carlgren 1949
546	Metridium giganteum	Fautin, Buckland & Hand 1990
547	Medridium senile Cmplx	of SCAMIT Ed 3 in part
548	Family Diadumenidae	
549	<del>-</del>	
550	ı	
551	•	Ljubenkov 1984 §
552		Ljubenkov 1984 §
		Ljubelikov 1964 g
553	· ·	
554	•	
555	· · · · · · · · · · · · · · · · · · ·	Carlgren 1936
556		
557	Family Zoanthidae	
558	Family Epizoanthidae	
559	Epizoanthus induratum	Cutress & Pequegnat 1960
560	1	of SCAMIT Ed 4
561	•	Cutress & Pequegnat 1960
	PHYLUM PLATYHELMINTHES	Cuttess & Tequegnat 1900
563		
564	•	
565	•	
566	, , ,	
567		
568	Plehnia caeca	Hyman 1953
569	Plehnia caeca var oculifera	Hyman 1953
570		of Faubel 1983
571	·	Phillips 1987 §
572	, ,	
		Dhilling 2005 9
573	1	Phillips 2005 §
574	· · · · · · · · · · · · · · · · · · ·	Phillips 2004 §
575	1	Phillips 2006 §
576	Family Stylochidae	

577	Kaburakia excelsa	Bock 1925
578	Cryptophallus magnus	Freeman 1933
579	Stylochus californicus	Hyman 1953
580	Stylochus exigus	Hyman 1953
581	Imogine exiguus	of SCAMIT Ed 4
582	Platyhelminthes sp E	MBC 1978 §
583	Platyhelminthes sp I	MBC 1980 §
584	Polycladida sp C	Phillips 1987 §
585	Polycladida sp F	Phillips 1987 §
586	Polycladida sp P	Paquette 1980 §
587	Stylochus franciscanus	Hyman 1953
588	Stylochus tripartitus	Hyman 1953
589	Family Cryptocelididae	**
590	Cryptocelis occidentalis	Hyman 1953
591	Polycladida sp G	Phillips 1987 §
592 593	Polycladida sp H Superfamily Planoceroidea	Phillips 1987 §
594	Family Leptoplanidae	
595	Armatoplana reishi	(Hyman 1959)
596	Stylochoplana reishi	Hyman 1959
597	Stylochoplana sp HYP2	Phillips 2006 §
598	Diplandros singularis	Hyman 1953
599	Notoplana sp	Tryman 1933
600	Leptoplanidae sp A	MEC 1988 §
601	Polycladida sp SD1	Pasko 1996 §
602	Polycladida sp 41	Ljubenkov 1989 §
603	Leptoplanidae sp BL1	Phillips 2005 §
604	Leptoplanidae sp SD2	Lilly & Pasko 1997 §
605	Notocomplana acticola	(Boone 1929)
606	Notoplana acticola	Boone 1929
607	Notocomplana rupicola	(Heath & McGregor 1912)
608	Notoplana rupicola	Heath & McGregor 1912
609	Parviplana californica	(Woodworth 1894)
610	Stylochoplana californica	Woodworth 1894
611	Polycladida sp I	Phillips 1987 §
612	Phaenoplana longipenis	(Hyman 1953)
613	Stylochoplana longipenis	Hyman 1953
614	Pleioplana inquieta	(Heath & McGregor 1912)
615 616	Leptoplana inquieta	Heath & McGregor 1912
617	Polycladida sp N Stylochoplana heathi	Phillips 1987 § Boone 1929
618	Stylochoplana chloranota	(Boone 1929)
619	Phylloplana chloranota	Boone 1929
620	Notoplana inquieta	of Freeman 1933 not (Heath & McGregor 1912)
621	Stylochoplana sp HYP1	Phillips 1988 §
622	Polycladida sp E	Phillips 1988 §
623	Stylochoplana sp HYP3	Phillips 2006 §
624	Polycladida sp A	Phillips 1987 §
625	Family Hoploplanidae	
626	Hoploplana californica	Hyman 1953
627	Hoploplana sp A	SCAMIT 2007 §
628	Family Gnesiocerotidae	
629	Spinicirrus sp	
630	Family Planoceridae	(0.11. 1050)
631	Paraplanocera oligoglena	(Schmarda 1859)
632	Stylochus oligoglenus Polycladida sp K	Schmarda 1859 Phillips 1987 §
633 634	Polyciadida sp K Pseudallioplana californica	(Heath & McGregor 1912)
635	Planocera californica	Heath & McGregor 1912
636	Pseudallioplana sandiegensis	(Boone 1929)
637	Planocera sandiegensis	Boone 1929
638	Family Callioplanidae	255.15 1525
639	Discosolenia burchami	(Heath & McGregor 1912)
640	Planocera burchami	Heath & McGregor 1912
641	Discosolenia (Planocera) burchami	of Prudhoe 1985
642	Discosolenia washingtoniensis	Freeman 1933
643	Koinostylochus burchami	of Faubel 1983
644	Polycladida sp B	Phillips 1987 §
645	Pseudostylochus burchami	of Hyman 1952
646	Superfamily Cestoplanoidea	
647	Family_Emprosthopharyngidae	
648	Emprosthopharynx gracilis	(Heath & McGregor 1912)

649	Stylochoplana gracilis	Heath & McGregor 1912
650	superfamily uncertain	-
651	family uncertain	
652	· · · · · · · · · · · · · · · · · · ·	Phillips 2006 §
	, i	
653	Polycladida sp 27	Ljubenkov 1986 §
654	Suborder Cotylea	
655	Superfamily Pseudocerotoidea	
656	Family Pseudocerotidae	
657	Pseudoceros sp	
658	1	Paquette 1979 §
	· · · · · · · · · · · · · · · · · · ·	Paquelle 1979 §
659	Superfamily Euryleptoidea	
660	Family Euryleptidae	
661	Acerotisa californica	Hyman 1953
662	Polycladida sp O	Phillips 1987 §
663	, ,	Phillips 1990 §
664	, , , , , , , , , , , , , , , , , , , ,	Heath & MacGregor 1912
	<i>y</i> 1	•
665	, · · ·	Cadien 2001 §
666		Freeman 1933
667	Prostheceraeus bellostriatus	Hyman 1953
668		Heath & MacGregor 1912
669	· · · · · · · · · · · · · · · · · · ·	1104411 00 11440 010801 1312
		11 1052
670	1	Hyman 1953
671	Prosthiostomum latocelis	Hyman 1953
672	Prosthiostomum multicelis	Hyman 1953
673	superfamily uncertain	•
674	. ,	
		Linhankar, 1000 8
675	J 1	Ljubenkov 1989 §
676	Polycladida sp M	Phillips 1987 §
677	Polycladida sp R	Phillips 1991 §
678	suborder uncertain	
679		
680	. ,	
	· · · · · · · · · · · · · · · · · · ·	DL 'II' - 2001 e
681	Polycladida sp HYP2	Phillips 2001§
682	Polycladida sp SD2	Pasko 2000 §
683	Platyhelminthes sp SD1	Pasko 2000 §
684	Order Rhabdocoela	•
685		Phillips 2006 §
	1	
686	r	SCAMIT 1998 §
687	Rhabdocoela sp A	Lilly & Pasko 1997 §
688	Rhabdocoela sp HYP1	Phillips 2006 §
689		Phillips 2006 §
690	1	F 3
691	Suborder Tricladida	
692		
693	Family Procerodidae	
694	Pacificides psammophilus	Holmquist & Karling 1972
695	PHYLUM NEMERTEA	
696		
	The state of the s	
697	Order Archinemertea	
698	Family Cephalothricidae	
699	Procephalothrix sp	
700	Order Palaeonemertea	
701	Family Carinomidae	
702	· · · · · · · · · · · · · · · · · · ·	Griffin 1898
703	· · · · · · · · · · · · · · · · · · ·	Coe 1901
704	·	Paquette 1989 §
705	Family Tubulanidae	
706	Carinomella lactea	Coe 1905
707	Tubulanus albocinctus	(Coe 1904)
708		Coe 1904)
709	1	(Coe 1901)
710		Coe 1901
711	Tubulanus cingulatus	(Coe 1904)
712		Coe 1904
713	· · · · · · · · · · · · · · · · · · ·	(Coe 1904)
714	J Company of the comp	Coe 1904)
715	1 7 1	Renier 1804
716	·	Coe 1895
717	Carinella rubra	Griffin 1898
718	Carinella speciosa	Coe 1901
719	·	SCAMIT 2005 §
720	Tubulanus nothus	· ·
120	Tubulanus Hotilus	of authors NEP not (Bürger 1892)

721	Tubulanus sp SD1	Pasko 2000 §
722	Tubulanidae sp A	SCAMIT 1995 §
723	Anopla sp A	Phillips 1987 §
724	Tubulanidae sp SD1	Pasko 1998 §
725	· · · · · · · · · · · · · · · · · · ·	~
	Tubulanidae sp B	SCAMIT 2005 §
726	Tubulanidae sp C	SCAMIT 2005 §
727	Palaeonemertea sp C	SCAMIT 1995 §
728	Tubulanidae sp D	SCAMIT 2005 §
729	Palaeonemertea sp A	Phillips 1988 §
730	Tubulanidae sp E	SCAMIT 2005 §
731	Order Heteronemertea	5011.111 <b>2</b> 000 3
732		
	Family Lineidae	G 1001
733	Cerebratulus albifrons	Coe 1901
734	Cerebratulus californiensis	Coe 1905
735	Cerebratulus lineolatus	Coe 1905
736	Cerebratulus marginatus	Renier 1804
737	Cerebratulus montgomeryi	Coe 1901
738	Euborlasia nigrocincta	Coe 1940
739	Lineidae sp A	Paquette 1989 §
740	Lineidae sp HYP 1	SCAMIT 2007 §
741	Lineus bilineatus	(Renier 1804)
742	Cerebratulus bilineatus	Renier 1804
743	Lineus albolineatus	Coe 1904
744	Lineus flavescens	Coe 1904
745	Lineus pictifrons	Coe 1904
746	Lineus ruber	(O. F. Müller 1771)
747	Planaria ruber	O. F. Müller 1771
748	Lineus viridis	Coe 1901
749	Lineus rubescens	Coe 1904
750	Micrura alaskensis	Coe 1901
751	Micrura olivaris	Coe 1905
752	Micrura pardalis	Coe 1905
753	Micrura wilsoni	(Coe 1904)
754	Lineus wilsoni	Coe 1904
755	Family Valenciniidae	
756	Baseodiscus delineata	(Delle Chiaje 1825)
757	Polia delineata	
		Delle Chiaje 1825
758	Baseodiscus princeps	(Coe 1901)
759	Taeniosoma princeps	Coe 1901
760	Zygeupolia rubens	(Coe 1895)
761	Valencinia rubens	Coe 1895
762	Anopla sp D	SCAMIT 1995 §
763	Monostylifera sp A	Ljubenkov 1989 §
764	Zygeupolia littoralis	Thompson 1900
765	order uncertain	mompson 1900
766	family uncertain	CCAMIT 1005 8
767	Anopla sp C	SCAMIT 1995 §
768	Class Enopla	
769	Order Hoplonemertea	
770	Suborder Monostyliferoidea	
771	Family Carcinonemertidae	
772	Carcinonemertes sp	
773	Family Emplectonematidae	
774	Cryptonemertes actinophila	(Bürger 1904)
775	Nemertopsis actinophila	Bürger 1904)
	· · · · · · · · · · · · · · · · · · ·	•
776	Nemertopsella actinophila	of Friedrich 1958
777	Dichonemertes hartmanae	Coe 1938
778	Emplectonema gracile	(Johnston 1837)
779	Nemertes gracilis	Johnston 1837
780	Nemertopsis gracilis	Coe 1904
781	Paranemertes californica	Coe 1904
782	Monostylifera sp SD1	CSD 1994 §
783	Paranemertes sp A	SCAMIT 1984 §
784	·	Coe 1901
	Paranemertes peregrina	
785	Paranemertes sp B	SCAMIT 2007 §
786	Paranemertes californica	of Coe 1940 not Coe 1904
787	Family Ototyphlonemertidae	
788	Ototyphlonemertes spiralis	Coe 1940
789	Ototyphlonemertes (Otohelicophora) spiralis	of Envall 1996
790	Family Prosorhochmidae	
791	Oerstedia dorsalis <mark>Cmplx</mark>	
792	Planaria dorsalis	Abildagard 1806
154	rianana uursans	Abildgaard 1806

793	Tetrastemma dorsalis	McIntosh 1873
794	Tetrastemma (Oerstedia) dorsale	Coe 1904
795	Family Amphiporidae	
796	Amphiporidae sp B	MEC 1989 §
797	Amphiporus bimaculatus	Coe 1901
798	Collarenemertes bimaculatus	Chernyshev 1993
799	Nipponemertes bimaculata	(Coe 1901)
800	Amphiporus californicus	Coe 1905
801	Amphiporus cruentatus	Verrill 1879
802	Amphiporus leptacanthus	Coe 1905
803	Amphiporus flavescens	Coe 1905
804	Amphiporus formidabilis	Griffin 1898
805	Amphiporus imparispinosus Amphiporus rubellus	Griffin 1898 Coe 1905
806 807	1 1	
808	Amphiporus sp A Amphiporus sp B	Phillips 1988 § Phillips 1989 §
809	Zygonemertes virescens	(Verrill 1879)
810	Amphiporus virescens	Verrill 1879
811	Family Crateronemertidae	Voltilli 1070
812	Nipponemertes pacificus	(Coe 1905)
813	Amphiporus pacificus	Coe 1905
814	Nipponemertes punctatulus	(Coe 1905)
815	Amphiporus punctatulus	Coe 1905
816	Family Tetrastemmatidae	
817	Amphinemertes caeca	(Coe 1901)
818	Tetrastemma caecum	Coe 1901
819	Tetrastemma albidum	Coe 1905
820	Monostylifera sp B	SCAMIT 1995 §
821	Monostylifera sp C	SCAMIT 1995 §
822	Prosorhochmus albidus	of authors NEP
823	Tetrastemma bilineatum	Coe 1904
824	Tetrastemma candidum	(O. F. Müller 1774)
825	Planaria candida	O. F. Müller 1774
826	Tetrastemma nigrifrons	Coe 1904
827	Nemertea sp A	Paquette 1989 §
828	Tetrastemma quadrilineatum	Coe 1904
829	Tetrastemma reticulatum	Coe 1904
830	Tetrastemma sexlineatum	Coe 1940
831	Tetrastemma signifer	Coe 1904
832	Tetrastemma sp HYP1	SCAMIT 2007 §
833	suborder uncertain	
834 835	<b>family uncertain</b> Hoplonemertea sp A	Paguatta 1000 8
836	Hoplonemertea sp A	Paquette 1988 § SCAMIT 2007 §
837	Tetrastemma sp A	SCAMIT 2007 §
838	Tetrastemma sp D	MEC/Ljubenkov 1988 §
839	Hoplonemertea sp B	MEC 1988 §
840	Hoplonemertea sp HYP1	SCAMIT 2007 §
841	Hoplonemertea sp HYP2	SCAMIT 2007 §
842	order uncertain	3
843	suborder uncertain	
844	family uncertain	
845	Enopla sp A	SCAMIT 1995 §
846	Enopla sp B	SCAMIT 1995 §
847	PHYLUM ENTOPROCTA	
848	Order Solitaria	
849	Family Loxosomatidae	
850	Loxomespilon sp	
851	Loxosomella sp	
852	Order Coloniales	
853	Suborder Stolonata	
854	Family Barentsiidae	Œ #: 100 <b>7</b> )
855	Barentsia benedeni	(Foettinger 1887)
856	Pedicellina benedeni	Foettinger 1887
857 858	Ascopodaria gracilis	of Craig 1929 not (M. Sars 1835)
859	Barentsia gracilis Barentsia discreta	of Hedgpeth 1964 not (M. Sars 1835) (Busk 1886)
860	Ascopodaria discreta	(Busk 1886
861	Ascopodaria discreta Ascopodaria macropus	Ehlers 1890
862	Ascopodaria misakiensis	Oka 1890
863	Barentsia misakiensis	of Oka 1895
864	Barentsia robusta	O'Donoghue 1924
		<del>-</del>

865	Barentsia subrigida	Osburn 1953
866	Barentsia timida	Verrill 1900
867	Pedicellina australis	Jullien 1888
868	Barentsia parva	(O'Donoghue & O'Donoghue 1923)
869	Gonypodaria parva	O'Donoghue & O'Donoghue 1923
870	Ascopodaria gracilis	of Robertson 1900 not (M. Sars 1835)
871	Barentsia gracilis	of Osburn 1953 not (M. Sars 1835)
	PHYLUM MOLLUSCA Subabulum Adapanada	
873	Subphylum Adenopoda	
874	Class Solenogastres	
875	Superorder Aplotegmentaria	
876	Order Pholidoskepia	
877	Family Gymnomeniidae	SCAMIT 2005 8
878	Neomeniomorpha sp A	SCAMIT 2005 §
879 880	Neomeniomorpha sp C Family Dondersiidae	SCAMIT 2005 §
881		(Hooth 1011)
882	Heathia porosa Ichthyomenia porosa	(Heath 1911) Heath 1911
883	Superorder Pachytegmentaria	Heatil 1911
884	Order Cavibelonia	
885	family uncertain	
886	Neomeniomorpha sp B	SCAMIT 2005 §
887	Subphylum Scutopoda	SCAMII 2003 §
888	Class Caudofoveata	
889	Superorder Chaetodermatimorpha	
890	Order Chaetodermatida	
891	Family Chaetodermidae	
892	Chaetoderma elegans	Scheltema 1998
893	Chaetoderma hancocki	(Schwabl 1963)
894	Crystallophrisson hancocki	Schwabl 1963
895	Crystallophrisson inflatum	Schwabl 1963
896	Crystallophrisson rectum	Schwabl 1963 in part
897	Crystallophrisson riedli	Schwabl 1963 in part
898	Chaetoderma marinelli	(Schwabl 1963)
899	Crystallophrisson marinelli	Schwabl 1963
900	Chaetoderma nanulum	Heath 1911
901	Falcidens macracanthos	of SCAMIT Ed 4 in part not Scheltema 1998
902	Falcidens sp A	SCAMIT 1985 § in part
903	Chaetoderma pacificum	(Schwabl 1963)
904	Crystallophrisson nitidulum var pacificum	Schwabl 1963
905	Chaetoderma scabrum	Heath 1911
906	Chaetoderma sp A	SCAMIT 2005 §
907	Family Falcidentidae	50.11.11 <b>2</b> 000 3
908	Falcidens hartmanae	(Schwabl 1961)
909	Crystallophrisson hartmanae	Schwabl 1961
910	Chaetoderma hartmanae	of authors
911	Falcidens longus	Scheltema 1998
912	Falcidens sp B	SCAMIT 1985 §
913	Falcidens macracanthos	Scheltema 1998
914	Falcidens sp A	SCAMIT 1985 § in part
915	Furcillidens incrassatus	(Schwabl 1963)
916	Crystallophrisson incrassatum	Schwabl 1963
917	? Chaetoderma sp B	of Shrake 1985 §
918	Family Limifossoridae	
919	Limifossor fratula	Heath 1911
920	Family Prochaetodermatidae	
921	Spathoderma californicum	(Schwabl 1963)
922	Prochaetoderma californicum	Schwabl 1963
923	Spathoderma sp A	SCAMIT 2005 §
924	Chevroderma sp LA1	Cadien 2003 §
925	Family Scutopidae	
926	Psilodens sp	
927	Class Polyplacophora	
928	Order Lepidopleurida	
929	Suborder Lepidopleurina	
930	Family Leptochitonidae	
931	Hanleyella oldroydi	(Dall 1919 ex Bartsch MS)
932	Lepidopleurus (Leptochiton) oldroydi	Dall 1919 ex Bartsch MS
933	Leptochiton oldroydi	of Burghardt & Burghardt 1969
934	Leptochiton nexus	Carpenter 1864
935	Chiton (Leptochiton) nexus	of Orcutt 1885
936	Lepidopleurus (Leptochiton) ambustus	Dall 1919

938 Lepidopleurus heathi of Burghardt & Burghardt 1969 939 Lepidopleurus (Xiphiozona) heathi Berry 1919 940 Lepidopleurus (Leptochiton) lycurgus Dall 1919 941 Lepidopleurus nexus of Pilsbry 1892 942 Leptochiton ambustus of Smith & Gordon 1948 943 Leptochiton lycurgus of Burghardt & Burghardt 1969 944 Leptochiton rugatus (Carpenter in Pilsbry 1892) 945 Lepidopleurus rugatus Carpenter in Pilsbry 1892) 946 Lepidopleurus alascensis Thiele 1909 947 Lepidopleurus assimilis Thiele 1909 948	937	Lonidanlaurus (Dilahayalla) ambushus	of LoLoup 1040
		Lepidopleurus (Pilsbryella) ambustus	of LeLoup 1940
942			-
942			
943			-
945   Lepidopleurus nigatus   Carpenter in Pilsbry 1892   946   Lepidopleurus alisacensis   Thiele 1909   947   Lepidopleurus alisacensis   Thiele 1909   948   Lepidopleurus alisacensis   Thiele 1909   949   Lepidopleurus alisacensis   Of Smith 1947   949   Lepidopleurus alisacensis   Of Smith 1947   950   Lepidopleurus internesus   Carpenter in Pilsbry 1892   951   Oldroydin percrassus   Call 1879 not (C.B. Sowerby II   952   Lepidopleurus (Oldroydin) percrassus   Dall 1894   953   Order Chitonida   954   Suborder Chitonina   955   Family Lachnochitonidae   956   Chaetopleura germa   Dall 1879 ex Carpenter MS   957   Family Schnochitonidae   958   Callistochiton decoratus   Dall 1919   960   Callistochiton decoratus   Dall 1919   961   Callistochiton decoratus   Dall 1919   962   Callistochiton decoratus   Dall 1919   963   Callistochiton decoratus   Dall 1919   964   Callistochiton decoratus   Dall 1919   965   Callistochiton decoratus   Dall 1919   966   Callistochiton decoratus   Dall 1919   967   Callistochiton decoratus   Dall 1919   968   Callistochiton decoratus   Dall 1919   969   Callistochiton decoratus   Dall 1919   960   Callistochiton decoratus   Dall 1919   961   Callistochiton decoratus   Dall 1919   962   Callistochiton decoratus   Dall 1919   963   Callistochiton decoratus   Dall 1919   964   Callistochiton decoratus   Dall 1919   965   Callistochiton decoratus   Dall 1919   966   Callistochiton decoratus   Dall 1919   967   Callistochiton decoratus   Dall 1919   968   Callistochiton delevis   Dall 1919   969   Lepidozona golischi   (Berry 1919)   960   Lepidozona golischi   (Berry 1919)   970   Lepidozona golischi   (Berry 1919)   971   Lepidozona polischi   (Berry 1919)   972   Chiton mertensi   Dall 1919   973   Lepidozona mertensi   Dall 1919   974   Lepidozona mertensi   Dall 1919   975   Lepidozona mertensi   Dall 1919   976   Lepidozona decoratus   Dall 1919   977   Lepidozona mertensi   Carpenter in Pilsbry 1892   978   Lepidozona mertensi   Carpenter in Pilsbry 1892   989   Lepidozona		·	
946 Lepidopleurus alisacensis Thiele 1909 949 949 Lepidopleurus alisacensis of Samith 1947 1 Lepidopleurus alisacensis of Data 1879 not (S. B. Sowerby II 949		· •	(Carpenter in Pilsbry 1892)
1947		Lepidopleurus rugatus	Carpenter in Pilsbry 1892
1948	946	Lepidopleurus alascensis	Thiele 1909
Description	947	Lepidopleurus assimilis	Thiele 1909
	948	Leptopleurus alascensis	of Smith 1947
	949	Leptopleurus cancellatus	of Dall 1879 not (G. B. Sowerby II 1839)
953 Order Chitonia 954 Suborder Chitonia 955 Family Chaetopleuridae 956 Chaetopleura gemma 957 Family Ischnochitonidae 958 Calistochion decoratus 959 Calistochion decoratus 959 Calistochion decoratus ferminicus 951 Calistochion decoratus perminicus 952 Calistochion decoratus punctocostatus 953 Calistochion decoratus punctocostatus 954 Calistochion decoratus punctocostatus 955 Calistochion decoratus punctocostatus 956 Calistochion decoratus punctocostatus 957 Calistochion decoratus punctocostatus 958 Calistochion decoratus punctocostatus 959 Calistochion decoratus punctocostatus 950 Calistochion decoratus 950 Calistochion decorat	950	Leptopleurus internexus	Carpenter in Pilsbry 1892
953 Order Chitonia 954 Suborder Chitonia 955 Family Chaetopleuridae 956 Chaetopleura gemma 957 Family Ischnochitonidae 958 Calistochion decoratus 959 Calistochion decoratus 959 Calistochion decoratus ferminicus 951 Calistochion decoratus perminicus 952 Calistochion decoratus punctocostatus 953 Calistochion decoratus punctocostatus 954 Calistochion decoratus punctocostatus 955 Calistochion decoratus punctocostatus 956 Calistochion decoratus punctocostatus 957 Calistochion decoratus punctocostatus 958 Calistochion decoratus punctocostatus 959 Calistochion decoratus punctocostatus 950 Calistochion decoratus 950 Calistochion decorat	951	Oldroydia percrassa	(Dall 1894)
954	952		Dall 1894
955	953	Order Chitonida	
955	954	Suborder Chitonina	
Section			
958 Callistochiton decoratus Pilsbry 1893 ex Carpenter MS 959 Callistochiton decoratus Polity 1893 ex Carpenter MS 959 Callistochiton decoratus ferminicus Polity 1893 Polity			Dall 1879 ex Carpenter MS
Separate		1 0	Buil 1075 ex curpenter 1415
Callistochiton cyanosus		<u>.</u>	Pilchry 1803 ev Carpenter MS
Second   Callistochtion decoratus ferminicus   Berry 1922			1
961         Callistochiton decoratus ferminicus         Berry 1922           962         Callistochiton degoratus punctocostatus         Pilisbry 1898           963         Callistochiton palmulatus         Dall 1879 ex Carpenter MS           964         Callistochiton palmulatus         Dall 1879 ex Carpenter MS           966         Callistochiton connelly         Willett 1937           968         Callistochiton palmulatus mirabilis         Pilisbry 1893           969         Lepidozona golischi         (Berry 1919)           970         Ischnochiton golishi         Berry 1919           971         Lepidozona mertensii         (Middendorff 1847)           973         Ischnochiton mertensii         (Middendorff 1847)           974         Ischnochiton mertensii         of Abbut 1954           975         Lepidozona pectinulata         (Carpenter in Pilsbry 1893)           976         Lepidozona pectinulata         (Carpenter in Pilsbry 1893)           975         Lepidozona pectinulata         (Carpenter in Pilsbry 1893)           976         Lepidozona pectinulata         (Carpenter in Pilsbry 1893)           977         Ischnochiton byanti         Dall 1919           978         Lepidozona callioniensis         Berry 1931           980 <t< td=""><td></td><td></td><td></td></t<>			
962         Callistochiton diegoensis         Pilsbry 1896           963         Callistochiton diegoensis         Thiele 1910           964         Callistochiton palmulatus         Dall 1879 ex Carpenter MS           965         Callistochiton celetus         Dall 1919           966         Callistochiton connelly         Willett 1937           968         Callistochiton palmulatus mirabilis         Pilsbry 1893           969         Lepidozona golischi         Berry 1919           970         Ischnochiton golishi         Berry 1919           971         Lepidozona genterinisi         Middendorff 1847           972         Chiton mertensii         Middendorff 1847           973         Ischnochiton (Lepidozona) mettensii         of Dall 1921           974         Lepidozona pectinulatu         Carpenter in Pilsbry 1893           975         Lepidozona pectinulatu         Carpenter in Pilsbry 1893           976         Lepidozona pectinulatus         Carpenter in Pilsbry 1893           977         Ischnochiton brunneus         Dall 1919           987         Lepidozona californiensis         Berry 1931           980         Lepidozona californiensis         Berry 1931           981         Lepidozona californiensis         Grapenter in		•	
963         Callistochiton deigenesis         Thiele 1910           964         Callistochiton adinatus         Dall 1879 ex Carpenter MS           966         Callistochiton adinatus         Dall 1919           966         Callistochiton connelly         Willett 1937           968         Callistochiton polishi         Willett 1937           969         Lepidozona golischi         (Berry 1919)           971         Lepidozona mertensii         (Middendorff 1847)           972         Chino metensii         Middendorff 1847           973         Ischnochiton (Lepidozona) mertensii         of Dall 1921           974         Ischnochiton Lepidozona) mertensii         of Albott 1954           975         Lepidozona pectinulata         (Carpenter in Pilsbry 1893)           976         Lepidozona pectinulata         Carpenter in Pilsbry 1893           977         Ischnochiton byanti         Dall 1919           978         Lepidozona realforniensis         Berry 1931           980         Lepidozona realforniensis         Berry 1931           981         Ischnochiton realisa         Carpenter in Pilsbry 1892           982         Ischnochiton realisa         Carpenter in Pilsbry 1892           983         Lepidozona retriporosa         Carpent			•
964         Callistochiton palmulatus         Dall 1879 ex Carpenter MS           965         Callistochiton cainatus         Dall 1919           966         Callistochiton connellyi         Willett 1937           967         Callistochiton connellyi         Willett 1937           968         Callistochiton palmulatus mirabilis         Pilsbyy 1893           969         Lepidozona golischi         (Berry 1919)           970         Ischnochiton golishi         Berry 1919           971         Lepidozona mertensii         Middendorff 1847)           972         Chiton mertensii         Middendorff 1847           973         Ischnochiton del pilozona pertinulatus         Carpenter in Pilsbry 1893           974         Ischnochiton chiton brunnes         Carpenter in Pilsbry 1893           975         Lepidozona pectinulatus         Carpenter in Pilsbry 1893           977         Ischnochiton brunneus         Dall 1919           978         Lepidozona californiensis         Berry 1931           980         Lepidozona ardatas         (Carpenter in Pilsbry 1892)           981         Ischnochiton radians         Carpenter in Pilsbry 1892           982         Ischnochiton rations         Carpenter 1864           984         Lepidozona retiporosa		•	•
965         Callistochiton acinatus         Dall 1919           966         Callistochiton celetus         Dal 1919           967         Callistochiton connellyi         Willett 1937           968         Callistochiton palmulatus mirabilis         Pilsby 1893           969         Lepidozona golischi         Berry 1919           970         Ischnochiton golishi         Berry 1919           971         Lepidozona mertensii         (Middendorff 1847)           972         Chiton metensii         (Middendorff 1847)           973         Ischnochiton (Lepidozona) mertensii         of Dall 1921           974         Ischnochiton mertensii         (Carpenter in Pilsbry 1893)           975         Lepidozona pectinulatua         (Carpenter in Pilsbry 1893)           976         Lepidozona pectinulatua         (Carpenter in Pilsbry 1893)           977         Ischnochiton brunneus         Dall 1919           978         Lepidozona califoniensis         Berry 1931           980         Lepidozona radians         (Carpenter in Pilsbry 1892)           981         Ischnochiton radians         (Carpenter in Pilsbry 1892)           982         Lepidozona interstinctus         of ScAMIT Ed 5           984         Lepidozona interstinctus         of S			
966         Callistochiton celetus         Dall 1919           967         Callistochiton connellyi         Williet 1937           968         Callistochiton palmulatus mirabilis         Pilibyt 1893           969         Lepidozona goltschi         (Berry 1919)           970         Ischnochiton Golishi         Berry 1919           971         Lepidozona mertensii         (Middendorff 1847)           972         Chiton mertensii         of Dall 1921           973         Ischnochiton (Lepidozona) mertensii         of Abbott 1954           974         Ischnochiton (Lepidozona) mertensii         of Abbott 1954           975         Lepidozona pectinulatu         (Carpenter in Pilsbry 1893)           976         Lepidozona pectinulatu         (Carpenter in Pilsbry 1893)           977         Ischnochiton byanti         Dall 1919           978         Lepidozona radians         Carpenter in Pilsbry 1892           980         Lepidozona radians         Carpenter in Pilsbry 1892           981         Ischnochiton interstinctus         of ScAmtt Ed 5           982         Ischnochiton interstinctus         of ScAmtt Ed 5           983         Lepidozona retiporosa         (Carpenter 1864)           984         Lepidozona retiporosa         (Ca		<u>.</u>	Dall 1879 ex Carpenter MS
967         Callistochiton connellyi         Willett 1937           968         Calistochiton palmulatus mirabilis         Plisby 1883           969         Lepidozona golischi         (Berry 1919)           970         Ischnochiton golishi         Berry 1919           971         Lepidozona mertensii         (Middendorff 1847)           972         Chiton mertensii         Middendorff 1847           973         Ischnochiton (Lepidozona) mertensii         of Dall 1921           974         Ischnochiton brothiton (Lepidozona) mertensii         of Abbott 1954           975         Lepidozona pectinulata         (Carpenter in Pilsbry 1893)           976         Lepidozona pectinulata         Carpenter in Pilsbry 1893           977         Ischnochiton brunneus         Dall 1919           978         Lepidozona californiensis         Berry 1931           980         Lepidozona radians         (Carpenter in Pilsbry 1892)           981         Ischnochiton interstinctus         of Abbott 1974           982         Ischnochiton interstinctus         of SCAMIT Ed 5           984         Lepidozona interstinctus         of SCAMIT Ed 5           985         Ischnochiton (Irrachydermon) retiporosus         Carpenter 1864           986         Ischnochiton v		Callistochiton acinatus	Dall 1919
968         Callistochiton palmulatus mirabilis         Pilsbry 1893           969         Lepidozona golischi         (Berry 1919)           970         Ischnochiton golishi         Berry 1919           971         Lepidozona mertensii         (Middendorff 1847)           972         Chiton mertensii         Middendorff 1847           973         Ischnochiton (Lepidozona) mertensii         of Dall 1921           974         Ischnochiton (Lepidozona) mertensii         of Abbott 1954           975         Lepidozona pectinulata         Carpenter in Pilsbry 1893           976         Lepidozona pectinulatu         Carpenter in Pilsbry 1893           977         Ischnochiton bryanti         Dall 1919           978         Ischnochiton brunneus         Dall 1919           980         Lepidozona californiensis         Berry 1931           980         Lepidozona radians         Carpenter in Pilsbry 1892           981         Ischnochiton interstinctus         of Abbott 1974           982         Ischnochiton (Trachydermon) retiporosus         Carpenter in Pilsbry 1892           983         Lepidozona interstinctus         Carpenter in Pilsbry 1892           984         Lepidozona interstinctus         Carpenter in Pilsbry 1892           985         Isc	966	Callistochiton celetus	Dall 1919
	967	Callistochiton connellyi	Willett 1937
	968	Callistochiton palmulatus mirabilis	Pilsbry 1893
971         Lepidozona mertensii         (Middendorff 1847)           972         Chiton mertensii         Middendorff 1847           973         Ischnochiton mertensii         of Dall 1921           974         Ischnochiton (Lepidozona) mertensii         of Abbott 1954           975         Lepidozona pectinulata         (Carpenter in Pilsbry 1893)           976         Lepidopleurus pectinulatus         Carpenter in Pilsbry 1893           977         Ischnochiton brunneus         Dall 1919           978         Ischnochiton brunneus         Dall 1919           979         Lepidozona radians         (Carpenter in Pilsbry 1892)           980         Lepidozona radians         (Carpenter in Pilsbry 1892)           981         Ischnochiton radians         Carpenter in Pilsbry 1892           982         Ischnochiton interstinctus         of Abbott 1974           983         Lepidozona interstincta         of SCAMIT Ed 5           984         Lepidozona interstinctus         Carpenter in Pilsbry 1892           985         Ischnochiton (Trachydermon) retiporosus         Carpenter 1864)           986         Ischnochiton (Inchrochitons         Carpenter in Pilsbry 1892           987         Ischnochiton (Inchrochiton) securicus         Carpenter 1864) <td< td=""><td>969</td><td>Lepidozona golischi</td><td>(Berry 1919)</td></td<>	969	Lepidozona golischi	(Berry 1919)
972         Chiton mertensii         Middendorff 1847           973         Ischnochiton mertensii         of Dall 1921           974         Ischnochiton (Lepidozona) mertensii         of Abbott 1954           975         Lepidozona pectinulata         (Carpenter in Pilsbry 1893)           976         Lepidozona pectinulatu         Carpenter in Pilsbry 1893           977         Ischnochiton bryanti         Dall 1919           978         Ischnochiton bryanti         Dall 1919           979         Lepidozona californiensis         Berry 1931           980         Lepidozona raditans         (Carpenter in Pilsbry 1892)           981         Ischnochiton interstinctus         of Abbott 1974           982         Ischnochiton interstinctus         of SCAMIT Ed 5           984         Lepidozona retriporosa         (Carpenter in Pilsbry 1892)           985         Ischnochiton (Trachydermon) retiporosus         Carpenter 1864)           986         Ischnochiton venezius         Dall 1919           987         Ischnochiton venezius         Dall 1919           988         Lepidozona scabricostatus         Carpenter 1864           990         Ischnochiton (Ischnochiton) scabricostatus         Carpenter 1864           991         Ischnochiton (Ischnoch	970	Ischnochiton golishi	Berry 1919
972         Chiton mertensii         Middendorff 1847           973         Ischnochiton mertensii         of Dall 1921           974         Ischnochiton (Lepidozona) mertensii         of Abbott 1954           975         Lepidozona pectinulata         (Carpenter in Pilsbry 1893)           976         Lepidozona pectinulatu         Carpenter in Pilsbry 1893           977         Ischnochiton bryanti         Dall 1919           978         Ischnochiton bryanti         Dall 1919           979         Lepidozona californiensis         Berry 1931           980         Lepidozona raditans         (Carpenter in Pilsbry 1892)           981         Ischnochiton interstinctus         of Abbott 1974           982         Ischnochiton interstinctus         of SCAMIT Ed 5           984         Lepidozona retriporosa         (Carpenter in Pilsbry 1892)           985         Ischnochiton (Trachydermon) retiporosus         Carpenter 1864)           986         Ischnochiton venezius         Dall 1919           987         Ischnochiton venezius         Dall 1919           988         Lepidozona scabricostatus         Carpenter 1864           990         Ischnochiton (Ischnochiton) scabricostatus         Carpenter 1864           991         Ischnochiton (Ischnoch	971	Lepidozona mertensii	(Middendorff 1847)
974         Ischnochiton (Lepidozona) mertensii         of Abbott 1954           975         Lepidozona pectinulata         (Carpenter in Pilsbry 1893)           976         Lepidopleurus pectinulatus         Carpenter in Pilsbry 1893           977         Ischnochiton bryanti         Dall 1919           978         Ischnochiton bryanti         Dall 1919           979         Lepidozona radians         (Carpenter in Pilsbry 1892)           981         Ischnochiton radians         (Carpenter in Pilsbry 1892)           982         Ischnochiton in restinctus         of Abbott 1974           983         Lepidozona retiporosa         (Carpenter I 864)           984         Lepidozona retiporosa         (Carpenter 1864)           985         Ischnochiton (Trachydermon) retiporosus         Carpenter 1864           986         Ischnochiton aureotinctus         Carpenter 1864           987         Ischnochiton eureotinctus         Carpenter 1864           988         Lepidozona scabricostata         (Carpenter 1864)           990         Ischnochiton (Ischnochiton) scabricostatus         Carpenter 1864           991         Ischnochiton (Ischnochiton) scabricostatus         Carpenter 1864           992         Ischnochiton (Ischnochiton) golischi         Berry 1919	972	Chiton mertensii	
974	973	Ischnochiton mertensii	of Dall 1921
975         Lepidozona pectinulatus         (Carpenter in Pilsbry 1893)           976         Lepidopleurus pectinulatus         Carpenter in Pilsbry 1893           977         Ischnochiton bryanti         Dall 1919           978         Ischnochiton bryanti         Dall 1919           979         Lepidozona californiensis         Berry 1931           980         Lepidozona californiensis         Berry 1931           981         Ischnochiton radians         Carpenter in Pilsbry 1892           982         Ischnochiton interstinctus         of Abbott 1974           983         Lepidozona interstinctus         of SCAMIT Ed 5           984         Lepidozona retriporosa         (Carpenter 1864)           985         Ischnochiton (Trachydermon) retiporosus         Carpenter 1864           986         Ischnochiton venezius         Dall 1919           987         Ischnochiton venezius         Dall 1919           988         Lepidozona scabricostatus         (Carpenter 1864)           990         Ischnochiton (Lepidopleurus) scabricostatus         of Pilsbry 1892           992         Ischnochiton (Ischnochiton) golischi         of Pilsbry 1892           992         Ischnochiton (Icpidozona) golischi         of Dall 1919           993         Ischnochito	974		of Abbott 1954
976         Lepidopleurus pectinulatus         Carpenter in Plisbry 1893           977         Ischnochiton bryanti         Dall 1919           978         Ischnochiton bryanti         Dall 1919           979         Lepidozona californiensis         Berry 1931           980         Lepidozona raditans         (Carpenter in Plisbry 1892)           981         Ischnochiton radians         Carpenter in Plisbry 1892           982         Ischnochiton interstinctus         of Abbott 1974           983         Lepidozona interstincta         of SCAMIT Ed 5           984         Lepidozona retiporosa         (Carpenter 1864)           985         Ischnochiton (Trachydermon) retiporosus         Carpenter 1864           986         Ischnochiton uareotinctus         Carpenter in Plisbry 1892           987         Ischnochiton venezius         Dall 1919           988         Leptochiton punctatus         Whiteaves 1886           989         Lepidozona scabricostatu         (Carpenter 1864)           990         Ischnochiton (Lepidopleurus) scabricostatus         Grapenter 1864           991         Ischnochiton (Ischnochiton) golischi         of Dall 1919           992         Ischnochiton (Ischnochiton) golischi         of Dall 1919           993			
977         Ischnochiton bryanti         Dall 1919           978         Ischnochiton brunneus         Dall 1919           979         Lepidozona californiensis         Berry 1931           980         Lepidozona radians         (Carpenter in Pilsbry 1892)           981         Ischnochiton interstinctus         of Abbott 1974           982         Ischnochiton interstinctus         of SCAMIT Ed 5           984         Lepidozona retiporosa         (Carpenter 1864)           985         Ischnochiton (Trachydermon) retiporosus         Carpenter 1864           986         Ischnochiton aureotinctus         Carpenter in Pilsbry 1892           987         Ischnochiton venezius         Dall 1919           988         Leptodzona scabricostata         (Carpenter 1864)           989         Lepidozona scabricostata         (Carpenter 1864)           991         Ischnochiton (Ischnochiton) scabricostatus         of Pilsbry 1892           992         Ischnochiton (Ischnochiton) scabricostatus         of Pilsbry 1892           993         Ischnochiton (Ischnochiton) scabricostatus         of Carpenter 1864           995         Lepidozona golischi         Berry 1919           996         Lepidozona serrobiculatus         (Middendorff 1847)           998			
978         Ischnochiton brunneus         Dall 1919           979         Lepidozona californiensis         Berry 1931           980         Lepidozona radians         (Carpenter in Pilsbry 1892)           981         Ischnochiton radians         Carpenter in Pilsbry 1892           982         Ischnochiton interstinctus         of Abbott 1974           983         Lepidozona retiporosa         (Carpenter 1864)           984         Lepidozona retiporosa         (Carpenter 1864)           985         Ischnochiton (Trachydermon) retiporosus         Carpenter 1864           986         Ischnochiton ureotinctus         Carpenter in Pilsbry 1892           987         Ischnochiton venezius         Dall 1919           988         Lepidozona scabricostatua         (Carpenter 1864)           989         Lepidozona scabricostatua         (Carpenter 1864)           990         Ischnochiton (Ischnochiton) golischi         of Pilsbry 1892           991         Ischnochiton (Ischnochiton) golischi         of Dall 1919           993         Ischnochiton (Ischnochiton) golischi         Berry 1919           994         Lepidozona golischi         Berry 1919           995         Lepidozona golischi         of Burghardt & Burghardt 1969           196         Lepid			· · · · · · · · · · · · · · · · · · ·
979         Lepidozona californiensis         Berry 1931           980         Lepidozona radians         (Carpenter in Pilsbry 1892)           981         Ischnochiton radians         Carpenter in Pilsbry 1892           982         Ischnochiton interstinctus         of Abbott 1974           983         Lepidozona interstincta         of SCAMIT Ed 5           984         Lepidozona retiporosa         (Carpenter 1864)           986         Ischnochiton (Trachydermon) retiporosus         Carpenter 1864           987         Ischnochiton aureotinctus         Carpenter in Pilsbry 1892           988         Leptochiton punctatus         Whiteaves 1886           989         Lepidozona scabricostatua         (Carpenter 1864)           990         Ischnochiton (Lepidopleurus) scabricostatus         Grilsbry 1892           991         Ischnochiton (Icepidozona) golischi         Grill 1919           992         Ischnochiton (Icepidozona) golischi         Berry 1919           993         Ischnochiton (Icepidozona) golischi         Berry 1919           994         Lepidozona golischi         Berry 1963           995         Lepidozona serbiculatus         of Carpenter 1864           995         Lepidozona serbiculatus         (Middendorff 1847)           998			
980  Lepidozona radians  Ischnochiton radians  Ischnochiton radians  Ischnochiton radians  Ischnochiton interstinctus  982  Ischnochiton interstinctus  983  Lepidozona retiporosa  (Carpenter in Pilsbry 1892  984  Lepidozona retiporosa  (Carpenter 1864)  985  Ischnochiton (Trachydermon) retiporosus  Carpenter 1864  986  Ischnochiton aureotinctus  Carpenter in Pilsbry 1892  987  Ischnochiton venezius  Dall 1919  988  Leptochiton punctatus  Whiteaves 1886  989  Lepidozona scabricostata  (Carpenter 1864)  990  Ischnochiton (Lepidopleurus) scabricostatus  Ischnochiton (Ischnochiton) sodischi  Ischnochiton (Ischnochiton) golischi  991  Ischnochiton (Lepidozona) golischi  Ischnochiton (Lepidozona) golischi  Berry 1919  994  Lepidozona inefficax  Berry 1963  997  Lepidozona inefficax  Berry 1963  997  Lepidozona scrobiculata  Chiton scrobiculatus  Carpenter in Pilsbry 1892  (Carpenter 1864)  1864  1866  Ischnochiton serratus  Carpenter 1864  Ischnochiton istrum  Dall 1919  1864  1864  1864  1866  Ischnochiton serratus  Carpenter 1864			
981 Ischnochiton radians Carpenter in Pilsbry 1892 982 Ischnochiton interstinctus of Abbott 1974 983 Lepidozona interstincta of SCAMIT Ed 5 984 Lepidozona retiporosa (Carpenter 1864) 985 Ischnochiton (Trachydermon) retiporosus Carpenter 1864 986 Ischnochiton aureotinctus Carpenter in Pilsbry 1892 987 Ischnochiton venezius Dall 1919 988 Lepidozona scabricostatus Whiteaves 1886 989 Lepidozona scabricostatus Carpenter 1864) 990 Ischnochiton (Lepidopleurus) scabricostatus Carpenter 1864 991 Ischnochiton (Ischnochiton) scabricostatus of Pilsbry 1892 992 Ischnochiton (Ischnochiton) golischi of Dall 1919 993 Ischnochiton (Lepidozona) golischi Berry 1919 994 Lepidozona scabricostatus of Carpenter 1864 995 Lepidozona golischi of Burghardt & Burghardt 1969 996 Lepidozona golischi of Burghardt & Burghardt 1969 997 Lepidozona scrobiculata (Middendorff 1847) 998 Chiton scrobiculatus Middendorff 1847) 999 Ischnochiton serrobiculatus Carpenter in Pilsbry 1892 1000 Ischnochiton berryi Dall 1919 1001 Ischnochiton pallina Berry 1925 1002 Ischnochiton pallina Berry 1925 1003 Lepidozona serratus Carpenter 1864 1004 Ischnochiton serratus Carpenter 1864 1005 Lepidozona willetti (Berry 1917)		· · · · · · · · · · · · · · · · · · ·	
982         Ischnochiton interstinctus         of Abbott 1974           983         Lepidozona interstincta         of SCAMIT Ed 5           984         Lepidozona retiporosa         (Carpenter 1864)           985         Ischnochiton (Trachydermon) retiporosus         Carpenter in Pilsbry 1892           986         Ischnochiton aureotinctus         Carpenter in Pilsbry 1892           987         Ischnochiton venezius         Dall 1919           988         Leptochiton punctatus         Whiteaves 1886           989         Lepidozona scabricostatus         Carpenter 1864           990         Ischnochiton (Lepidopleurus) scabricostatus         Carpenter 1864           991         Ischnochiton (Ischnochiton) scabricostatus         of Pilsbry 1892           992         Ischnochiton (Ischnochiton) golischi         of Dall 1919           993         Ischnochiton (Lepidozona) golischi         Berry 1919           994         Lepidozona golischi         of Burghardt & Burghardt 1969           996         Lepidozona scrobiculata         (Middendorff 1847)           998         Lepidozona scrobiculatus         Middendorff 1847)           998         Lepidozona scrobiculatus         Carpenter in Pilsbry 1892           1000         Ischnochiton sinudentatus         Carpenter in Pilsbry 1892		<u>*</u>	
983Lepidozona interstinctaof SCAMIT Ed 5984Lepidozona retiporosa(Carpenter 1864)985Ischnochiton (Trachydermon) retiporosusCarpenter 1864986Ischnochiton aureotinctusCarpenter in Pilsbry 1892987Ischnochiton veneziusDall 1919988Leptochiton punctatusWhiteaves 1886989Lepidozona scabricostata(Carpenter 1864)990Ischnochiton (Lepidopleurus) scabricostatusCarpenter 1864991Ischnochiton (Ischnochiton) scabricostatusof Pilsbry 1892992Ischnochiton (Ischnochiton) golischiof Dall 1919993Ischnochiton (Lepidozona) golischiBerry 1919994Lepidozona golischiof Burghardt & Burghardt 1969996Lepidozona inefficaxBerry 1963997Lepidozona inefficaxBerry 1963998Chiton scrobiculata(Middendorff 1847)998Chiton scrobiculatusMiddendorff 1847999Ischnochiton sinudentatusCarpenter in Pilsbry 18921000Ischnochiton berryiDall 19191001Ischnochiton listrumDall 19191002Ischnochiton listrumDall 19191003Lepidozona serrata(Carpenter 1864)1004Ischnochiton serratusCarpenter 18641005Lepidozona willetti(Berry 1917)			The state of the s
984			
985 Ischnochiton (Trachydermon) retiporosus Carpenter 1864 986 Ischnochiton aureotinctus Carpenter in Pilsbry 1892 987 Ischnochiton venezius Dall 1919 988 Leptochiton punctatus Whiteaves 1886 989 Lepidozona scabricostatua (Carpenter 1864) 990 Ischnochiton (Lepidopleurus) scabricostatus Carpenter 1864 991 Ischnochiton (Ischnochiton) scabricostatus of Pilsbry 1892 992 Ischnochiton (Ischnochiton) golischi of Dall 1919 993 Ischnochiton (Lepidozona) golischi Berry 1919 994 Lepidozona scabricostatus of Carpenter 1864 995 Lepidozona golischi of Burghardt & Burghardt 1969 996 Lepidozona inefficax Berry 1963 997 Lepidozona inefficax Berry 1963 998 Chiton scrobiculata (Middendorff 1847) 998 Chiton scrobiculatus Middendorff 1847 999 Ischnochiton sinudentatus Carpenter in Pilsbry 1892 1000 Ischnochiton berryi Dall 1919 1001 Ischnochiton berryi Dall 1919 1002 Ischnochiton listrum Dall 1919 1003 Lepidozona serrata (Carpenter 1864) 1004 Ischnochiton serratus Carpenter 1864 1005 Lepidozona willetti (Berry 1917)			
986 Ischnochiton aureotinctus Carpenter in Pilsbry 1892 987 Ischnochiton venezius Dall 1919 988 Leptochiton punctatus Whiteaves 1886 989 Lepidozona scabricostata (Carpenter 1864) 990 Ischnochiton (Lepidopleurus) scabricostatus Carpenter 1864 991 Ischnochiton (Lepidopleurus) scabricostatus Of Pilsbry 1892 992 Ischnochiton (Ischnochiton) golischi of Dall 1919 993 Ischnochiton (Lepidozona) golischi Berry 1919 994 Lepidozona golischi of Carpenter 1864 995 Lepidozona golischi of Burghardt & Burghardt 1969 996 Lepidozona inefficax Berry 1963 997 Lepidozona scrobiculata (Middendorff 1847) 998 Chiton scrobiculatus Middendorff 1847 999 Ischnochiton berryi Dall 1919 1000 Ischnochiton berryi Dall 1919 1001 Ischnochiton gallina Berry 1925 1002 Ischnochiton listrum Dall 1919 1003 Lepidozona serrata (Carpenter 1864) 1004 Ischnochiton serratus Carpenter 1864 1005 Lepidozona willetti (Berry 1917)		<u>.</u> .	
987 Ischnochiton venezius Dall 1919 988 Leptochiton punctatus Whiteaves 1886 989 Lepidozona scabricostata (Carpenter 1864) 990 Ischnochiton (Lepidopleurus) scabricostatus Carpenter 1864 991 Ischnochiton (Ischnochiton) scabricostatus of Pilsbry 1892 992 Ischnochiton (Ischnochiton) golischi of Dall 1919 993 Ischnochiton (Lepidozona) golischi Berry 1919 994 Lepidozona golischi of Burghardt & Burghardt 1969 995 Lepidozona golischi of Burghardt & Burghardt 1969 996 Lepidozona inefficax Berry 1963 997 Lepidozona scrobiculata (Middendorff 1847) 998 Chiton scrobiculatus Middendorff 1847 999 Ischnochiton berryi Dall 1919 1000 Ischnochiton sinudentatus Carpenter in Pilsbry 1892 1000 Ischnochiton pallina Berry 1925 1002 Ischnochiton listrum Dall 1919 1003 Lepidozona serrata (Carpenter 1864) 1004 Ischnochiton serratus Carpenter 1864 1005 Lepidozona willetti (Berry 1917)		, , ,	•
988Leptochiton punctatusWhiteaves 1886989Lepidozona scabricostata(Carpenter 1864)990Ischnochiton (Lepidopleurus) scabricostatusCarpenter 1864991Ischnochiton (Ischnochiton) scabricostatusof Piisbry 1892992Ischnochiton (Ischnochiton) golischiof Dall 1919993Ischnochiton (Lepidozona) golischiBerry 1919994Lepidopleurus scabricostatusof Carpenter 1864995Lepidozona golischiof Burghardt & Burghardt 1969996Lepidozona inefficaxBerry 1963997Lepidozona scrobiculata(Middendorff 1847)998Chiton scrobiculatusMiddendorff 1847999Ischnochiton berryiDall 19191000Ischnochiton pallinaBerry 19251002Ischnochiton listrumDall 19191003Lepidozona serrata (Carpenter 1864)1004Ischnochiton serratusCarpenter 18641005Lepidozona willetti(Berry 1917)			
989Lepidozona scabricostata(Carpenter 1864)990Ischnochiton (Lepidopleurus) scabricostatusCarpenter 1864991Ischnochiton (Ischnochiton) scabricostatusof Pilsbry 1892992Ischnochiton (Ischnochiton) golischiof Dall 1919993Ischnochiton (Lepidozona) golischiBerry 1919994Lepidopleurus scabricostatusof Carpenter 1864995Lepidozona golischiof Burghardt & Burghardt 1969996Lepidozona inefficaxBerry 1963997Lepidozona scrobiculata(Middendorff 1847)998Chiton scrobiculatusMiddendorff 1847999Ischnochiton sinudentatusCarpenter in Pilsbry 18921000Ischnochiton pallinaBerry 19251001Ischnochiton gallinaBerry 19251002Ischnochiton listrumDall 19191003Lepidozona serrata(Carpenter 1864)1004Ischnochiton serratusCarpenter 18641005Lepidozona willetti(Berry 1917)			
990 Ischnochiton (Lepidopleurus) scabricostatus Carpenter 1864 991 Ischnochiton (Ischnochiton) scabricostatus of Pilsbry 1892 992 Ischnochiton (Ischnochiton) golischi of Dall 1919 993 Ischnochiton (Lepidozona) golischi Berry 1919 994 Lepidopleurus scabricostatus of Carpenter 1864 995 Lepidozona golischi of Burghardt & Burghardt 1969 996 Lepidozona inefficax Berry 1963 997 Lepidozona scrobiculata (Middendorff 1847) 998 Chiton scrobiculatus Middendorff 1847 999 Ischnochiton sinudentatus Carpenter in Pilsbry 1892 1000 Ischnochiton pallina Berry 1925 1002 Ischnochiton gallina Berry 1925 1003 Lepidozona serrata (Carpenter 1864) 1004 Ischnochiton serratus Carpenter 1864 1005 Lepidozona willetti (Berry 1917)		· · · · · · · · · · · · · · · · · · ·	Whiteaves 1886
991 Ischnochiton (Ischnochiton) scabricostatus of Pilsbry 1892 992 Ischnochiton (Ischnochiton) golischi of Dall 1919 993 Ischnochiton (Lepidozona) golischi Berry 1919 994 Lepidopleurus scabricostatus of Carpenter 1864 995 Lepidozona golischi of Burghardt & Burghardt 1969 996 Lepidozona inefficax Berry 1963 997 Lepidozona scrobiculata (Middendorff 1847) 998 Chiton scrobiculatus Middendorff 1847 999 Ischnochiton sinudentatus Carpenter in Pilsbry 1892 1000 Ischnochiton berryi Dall 1919 1001 Ischnochiton gallina Berry 1925 1002 Ischnochiton listrum Dall 1919 1003 Lepidozona serrata (Carpenter 1864) 1004 Ischnochiton serratus Carpenter 1864 1005 Lepidozona willetti (Berry 1917)	989	Lepidozona scabricostata	(Carpenter 1864)
992 Ischnochiton (Ischnochiton) golischi of Dall 1919 993 Ischnochiton (Lepidozona) golischi Berry 1919 994 Lepidopleurus scabricostatus of Carpenter 1864 995 Lepidozona golischi of Burghardt & Burghardt 1969 996 Lepidozona inefficax Berry 1963 997 Lepidozona scrobiculata (Middendorff 1847) 998 Chiton scrobiculatus Middendorff 1847 999 Ischnochiton sinudentatus Carpenter in Pilsbry 1892 1000 Ischnochiton berryi Dall 1919 1001 Ischnochiton gallina Berry 1925 1002 Ischnochiton listrum Dall 1919 1003 Lepidozona serrata (Carpenter 1864) 1004 Ischnochiton serratus Carpenter 1864 1005 Lepidozona willetti (Berry 1917)	990	Ischnochiton (Lepidopleurus) scabricostatus	Carpenter 1864
993 Ischnochiton (Lepidozona) golischi Berry 1919 994 Lepidopleurus scabricostatus of Carpenter 1864 995 Lepidozona golischi of Burghardt & Burghardt 1969 996 Lepidozona inefficax Berry 1963 997 Lepidozona scrobiculata (Middendorff 1847) 998 Chiton scrobiculatus Middendorff 1847 999 Ischnochiton sinudentatus Carpenter in Pilsbry 1892 1000 Ischnochiton berryi Dall 1919 1001 Ischnochiton gallina Berry 1925 1002 Ischnochiton listrum Dall 1919 1003 Lepidozona serrata (Carpenter 1864) 1004 Ischnochiton serratus Carpenter 1864 1005 Lepidozona willetti (Berry 1917)	991	Ischnochiton (Ischnochiton) scabricostatus	of Pilsbry 1892
994 Lepidopleurus scabricostatus of Carpenter 1864 995 Lepidozona golischi of Burghardt & Burghardt 1969 996 Lepidozona inefficax Berry 1963 997 Lepidozona scrobiculata (Middendorff 1847) 998 Chiton scrobiculatus Middendorff 1847 999 Ischnochiton sinudentatus Carpenter in Pilsbry 1892 1000 Ischnochiton berryi Dall 1919 1001 Ischnochiton gallina Berry 1925 1002 Ischnochiton listrum Dall 1919 1003 Lepidozona serrata (Carpenter 1864) 1004 Ischnochiton serratus Carpenter 1864 1005 Lepidozona willetti (Berry 1917)	992	Ischnochiton (Ischnochiton) golischi	of Dall 1919
995 Lepidozona golischi of Burghardt & Burghardt 1969 996 Lepidozona inefficax Berry 1963 997 Lepidozona scrobiculata (Middendorff 1847) 998 Chiton scrobiculatus Middendorff 1847 999 Ischnochiton sinudentatus Carpenter in Pilsbry 1892 1000 Ischnochiton berryi Dall 1919 1001 Ischnochiton igllina Berry 1925 1002 Ischnochiton listrum Dall 1919 1003 Lepidozona serrata (Carpenter 1864) 1004 Ischnochiton serratus Carpenter 1864 1005 Lepidozona willetti (Berry 1917)	993	Ischnochiton (Lepidozona) golischi	Berry 1919
996         Lepidozona inefficax         Berry 1963           997         Lepidozona scrobiculata         (Middendorff 1847)           998         Chiton scrobiculatus         Middendorff 1847           999         Ischnochiton sinudentatus         Carpenter in Pilsbry 1892           1000         Ischnochiton berryi         Dall 1919           1001         Ischnochiton gallina         Berry 1925           1002         Ischnochiton listrum         Dall 1919           1003         Lepidozona serrata         (Carpenter 1864)           1004         Ischnochiton serratus         Carpenter 1864           1005         Lepidozona willetti         (Berry 1917)	994	Lepidopleurus scabricostatus	of Carpenter 1864
996 Lepidozona inefficax Berry 1963 997 Lepidozona scrobiculata (Middendorff 1847) 998 Chiton scrobiculatus Middendorff 1847 999 Ischnochiton sinudentatus Carpenter in Pilsbry 1892 1000 Ischnochiton berryi Dall 1919 1001 Ischnochiton gallina Berry 1925 1002 Ischnochiton listrum Dall 1919 1003 Lepidozona serrata (Carpenter 1864) 1004 Ischnochiton serratus Carpenter 1864 1005 Lepidozona willetti (Berry 1917)	995		
997 Lepidozona scrobiculata (Middendorff 1847) 998 Chiton scrobiculatus Middendorff 1847 999 Ischnochiton sinudentatus Carpenter in Pilsbry 1892 1000 Ischnochiton berryi Dall 1919 1001 Ischnochiton gallina Berry 1925 1002 Ischnochiton listrum Dall 1919 1003 Lepidozona serrata (Carpenter 1864) 1004 Ischnochiton serratus Carpenter 1864 1005 Lepidozona willetti (Berry 1917)	996		
998 Chiton scrobiculatus Middendorff 1847 999 Ischnochiton sinudentatus Carpenter in Pilsbry 1892 1000 Ischnochiton berryi Dall 1919 1001 Ischnochiton gallina Berry 1925 1002 Ischnochiton listrum Dall 1919 1003 Lepidozona serrata (Carpenter 1864) 1004 Ischnochiton serratus Carpenter 1864 1005 Lepidozona willetti (Berry 1917)		· · · · · · · · · · · · · · · · · · ·	
999 Ischnochiton sinudentatus Carpenter in Pilsbry 1892 1000 Ischnochiton berryi Dall 1919 1001 Ischnochiton gallina Berry 1925 1002 Ischnochiton listrum Dall 1919 1003 Lepidozona serrata (Carpenter 1864) 1004 Ischnochiton serratus Carpenter 1864 1005 Lepidozona willetti (Berry 1917)		*	
1000         Ischnochiton berryi         Dall 1919           1001         Ischnochiton gallina         Berry 1925           1002         Ischnochiton listrum         Dall 1919           1003         Lepidozona serrata         (Carpenter 1864)           1004         Ischnochiton serratus         Carpenter 1864           1005         Lepidozona willetti         (Berry 1917)			
1001Ischnochiton gallinaBerry 19251002Ischnochiton listrumDall 19191003Lepidozona serrata(Carpenter 1864)1004Ischnochiton serratusCarpenter 18641005Lepidozona willetti(Berry 1917)			The state of the s
1002Ischnochiton listrumDall 19191003Lepidozona serrata(Carpenter 1864)1004Ischnochiton serratusCarpenter 18641005Lepidozona willetti(Berry 1917)		•	
1003Lepidozona serrata(Carpenter 1864)1004Ischnochiton serratusCarpenter 18641005Lepidozona willetti(Berry 1917)			•
1004Ischnochiton serratusCarpenter 18641005Lepidozona willetti(Berry 1917)			
1005 Lepidozona willetti (Berry 1917)			* * * * * * * * * * * * * * * * * * *
1			
TUUb Ischnochiton willetti Berry 1917		<u>*</u>	
•			
1007 Ischnochiton catalinae Willett 1931			
1008 Lepidozona sp A Stebbins & Eernisse 2009 §	1008	Lepidozona sp A	Steppins & Eernisse 2009 §

1009	Lepidozona sp B	Stebbins & Eernisse 2009 §
1010	Lepidozona sp C	Stebbins & Eernisse 2009 §
1011	Stenoplax corrugata	(Carpenter in Pilsbry 1892)
		` 1
1012	Ischnochiton corrugatus	Carpenter in Pilsbry 1892
1013	Ischnochiton biarcuatus	Dall 1903
1014	Suborder Acanthochitonina	
1015	Family Acanthochitonidae	
1016	Acanthochitona avicula	(Carpenter 1864)
1017	Acanthochites avicula	Carpenter 1864
1018	Acanthochites avicula var diegensis	Pilsbry 1893
	· · · · · · · · · · · · · · · · · · ·	Flishly 1093
1019	Family Lepidochitonidae	(0.114040
1020	Cyanoplax dentiens	(Gould 1846)
1021	Chiton (onythochiton) dentiens	Gould 1846
1022	Lepidochitona dentiens	of authors NEP
1023	Cyanoplax hartwegii	(Carpenter 1855)
1024	Chiton hartwegii	Carpenter 1855
1025		· · · · · · · · · · · · · · · · · · ·
	Lepidochitona hartwegii	of authors NEP
1026	Lepidochitona beanii	(Carpenter 1857)
1027	Lepidopleurus (?) beanii	Carpenter 1857
1028	Basiliochiton Iobium	Berry 1925
1029	Chiton bipunctatus	G. B. Sowerby I 1832
1030	Chiton flavescens	Carpenter 1857
1031	?Chiton virescens	· · · · · · · · · · · · · · · · · · ·
		Reeve 1847
1032	Tonicella (Mopaliella) stigmata	Dall 1909
1033	Nuttallina californica	(Reeve 1847)
1034	Chiton californicus	Reeve 1847
1035	Nuttallina fluxa	(Carpenter 1864)
1036	Acanthopleura fluxa	Carpenter 1864
1037	Chiton scaber	Reeve 1847
		Reeve 1047
1038	Family Mopaliidae	(0 + 10(4)
1039	Dendrochiton gothicus	(Carpenter 1864)
1040	Ischnochiton (Trachydermon) gothicus	Carpenter 1864
1041	Dendrochiton thamnoporus	(Berry 1911)
1042	Mopalia (Dendrochiton) thamnopora	Berry 1911
1043	Dentrochiton psaltes	Berry 1963
1044	Lepidochitona thamnopora	of SCAMIT Ed 4
1045	Mopalia imporcata	Carpenter 1865
1046	Mopalia lignosa	(Gould 1846)
1047	Chiton lignosus	Gould 1846
1048	Chiton eschscholtzii	von Middendorff 1847
1049	Chiton merckii	von Middendorff 1847
1050	Chiton montereyensis	Carpenter 1855
		· · · · · · · · · · · · · · · · · · ·
1051	Mopalia insignis	Pilsbry 1893 ex Newcomb MS
1052	Mopalia lionota	Pilsbry 1918
1053	Mopalia lowei	Pilsbry 1918
1054	Mopalia muscosa	(Gould 1846)
1055	Chiton muscosus	Gould 1846
1056	Mopalia phorminx	Berry 1919
1057	Mopalia sinuata	
	<u>*</u>	Carpenter 1864
1058	Callistochiton aepynotus	Dall 1919
1059	Mopalia goniura	Dall 1919
1060	Placiphorella mirabilis	Clark 1994
1061	Placiphorella velata	Dall 1879
1062	Tonicella venusta	Clark 1999
1063	Subphylum Conchifera	CMIN 1999
1064	Class Gastropoda	
1065	Subclass Eogastropoda	
1066	Superorder Patellogastropoda	
1067	Superfamily Lottioidea	
1068	Family Lottiidae	
1069	Lottia austrodigitalis	(Murphy1978)
1070	· · · · · · · · · · · · · · · · · · ·	Murphy 1978
	Collisella austrodigitalis	
1071	Lottia digitalis	(Rathke 1833)
1072	Acmaea digitalis	Rathke 1833
1073	Lottia gigantea	G. B. Sowerby I 1834
1074	Lottia instabilis	(Gould 1846)
1075	Patella (Nacella) instabilis	Gould 1846
1076	Collisella ochracea	of Lindberg 1981
		•
1077	Lottia ochracea	of authors NEP
1078	Lottia limatula	(Carpenter 1864)
1079	Acmaea limatula	Carpenter 1864
4000	I -44: I	(Dall 1871)
1080	Lottia ochracea	(Dall 10/1)

1081	Acmaea (Collisella) patina var ochracea	Dall 1871
1082	Collisella ochracea	of Lindberg 1981
1083	Lottia pelta	(Rathke 1833)
1084	Acmaea pelta	Rathke 1833
1085	Collisella pelta	
1086		of Lindberg 1981
	Lottia rosacea	(Carpenter 1864)
1087	Acmaea (? pileolus Midd. var.) rosacea	Carpenter 1864
1088	Tectura rosacea	of SCAMIT Ed 4
1089	Lottia scabra	(Gould 1846)
1090	Patella scabra	Gould 1846
1091	Collisella scabra	of Lindberg 1981
1092	Lottia strigatella	(Carpenter 1864)
1093	Acmaea strigatella	Carpenter 1864
1094	Tectura depicta	(Hinds 1842)
1095	Patelloida depicta	Hinds 1842
1096	Notoacmaea depicta	of Lindberg 1981
1097	Family Acmaeidae	
1098	Acmaea mitra	Rathke 1833
1099	Family Lepetidae	
1100	Iothia lindbergi	McLean 1985
1101	Subclass Orthogastropoda	
1102	Superorder Vetigastropoda	
1103	Superfamily Fissurelloidea	
1104	Family Fissurellidae	
1105	Subfamily Fissurellinae	
1106	Fissurella volcano	Reeve 1849
		Reeve 1849
1107	Subfamily Emarginulinae	(D. II. 1014)
1108	Cranopsis multistriata	(Dall 1914)
1109	Puncturella multistriata	Dall 1914
1110	Diodora aspera	(Rathke 1833)
1111	Fissurella aspera	Rathke 1833
1112	Fissuridea aspera	of Williamson 1892
1113	Glyphis aspera	of Carpenter 1856
1114	Fissurellidea bimaculata	Dall 1871
1115	Megatebennus bimaculatus	of McLean 1969
1116	Lucapinella callomarginata	(Dall 1871)
1117	Clypedella callomarginata	Dall 1871
1118	Megathura crenulata	(G. B. Sowerby I 1825)
1119	Fissurella crenulata	G. B. Sowerby I 1825
1120	Puncturella cooperi	Carpenter 1864
1121	Puncturella eyerdami	Dall 1924
1122	Puncturella galeata	(Gould 1846)
1123	Rimula galeata	Gould 1846
1124	Superfamily Lepetelloidea	Godia 1040
1125	Family Addisoniidae	
	•	Mal can 1005
1126	Addisonia brophyi	McLean 1985
1127	Superfamily Scissurelloidea	
1128	Family Anatomidae	(D. II 1005)
1129	Thieleella kelseyi	(Dall 1905)
1130	Scissurella (Schizotrochus) kelseyi	Dall 1905
1131	Anatoma crispata	of McLean 1996 (not Fleming 1828)
1132	Scissurella (Anatoma) crispata	of Mclean 1967 not Fleming 1828
1133	Family Scissurellidae	
1134	Sinezona rimuloides	(Carpenter 1865)
1135	Scissurella rimuloides	Carpenter 1865
1136	Superfamily Seguenzioidea	
1137	Family Cheilodontidae	
1138	Subfamily Cheilodontinae	
1139	Turcica caffea	Gabb 1865
1140	Turcica (Ptychostylis) caffea	Gabb 1865
1141	Calliostoma (Turcica) caffea	of Pilsbry 1889
1142	Thalotia caffea	of Arnold 1903
1142	Subfamily Calliotropinae	017411010 1000
1143	Cidarina cidaris	(Carpenter 1964)
		(Carpenter 1864)
1145	Margarita cidaris	Carpenter 1864
1146	Lischkeia cidaris	of Abbott 1954
1147	Solariella cidaris	of Williamson 1892
1148	Solariella oxybasis	Dall 1889
1149	Turcicula (?) cidaris	of Pilsbry 1889
1150	Superfamily Trochoidea	
1151	Family Trochidae	
1152	Subfamily Halistylinae	

1153	Halistylus pupoideus	(Carpenter 1864)
1154	Fenella pupoidea	Carpenter 1864
1155	Cantharidus (Halistylus) pupoideus	of Williamson 1892
1156	Fenella subpupoidea	Tryon 1887
1157	Halistylus subpeideus	of J. Burch 1946
1158	Halistylus subpupoideus	of Dall 1921
1159	Subfamily Lirulariinae	(0 1000)
1160	Lirularia acuticostata	(Carpenter 1864)
1161	Margarita acuticostata	Carpenter 1864
1162 1163	Margarites (Limitaria) aguiticostata	of Keen 1937
1164	Margarites (Lirularia) acuticostata Margarites (Pupillaria) acuticostatus	of Dall 1921 of Palmer 1958
1165	Lirularia parcipicta	(Carpenter 1864)
1166	Gibbula parcipicta	Carpenter 1864
1167	Margarites (Lirularia) parcipicta	of Dall 1921
1168	Margarites parcipictus	of Keen 1937
1169	Margarites (Pupillaria) parcipictus	of Woodring, Bramlette & Kew 1946
1170	Lirularia succincta	(Carpenter 1864)
1171	Gibbula succincta	Carpenter 1864
1172	Family Calliostomatidae	
1173	Subfamily Calliostomatinae	a: 1.6 + 1700
1174	Calliostoma annulatum	(Lightfoot 1786)
1175 1176	Trochus annulatum  Calliostoma canaliculatum	Lightfoot 1786
1176	Trochus canaliculatus	(Lightfoot 1786) Lightfoot 1786
1178	Trochus dolarium	Holten 1802
1179	Calliostoma gemmulatum	Carpenter 1864
1180	Calliostoma gloriosum	Dall 1871
1181	Calliostoma keenae	McLean 1970
1182	Calliostoma platinum	Dall 1890
1183	Calliostoma supragranosum	Carpenter 1864
1184	Calliostoma splendens	Carpenter 1864
1185	Calliostoma tricolor	Gabb 1865
1186	Calliostoma turbinum	Dall 1896
1187 1188	Calliostoma variegatum	Carpenter 1864
1189	Family Solariellidae Solariella nuda	Dall 1896
1190	Solariella peramabilis	Carpenter 1864
1191	Solariella rhyssa	Dall 1919
1192	Superfamily Turbinoidea	
1193	Family Turbinidae	
1194	Subfamily Turbininae	T 11.100
1195	Megastraea turbanica	(Dall 1910)
1196	Pomaulax turbanicus	Dall 1910
1197 1198	Astraea estrathouma	of Abbott 1974
1199	Astraea petrothauma Astraea (Uvanilla) rupicola	Berry 1940 Stohler 1959
1200	Megastraea undosa	(Wood 1828)
1201	Trochus undosus	Wood 1828
1202	Lithopoma undosum	of SCAMIT Ed 3
1203	Astraea undosa	of McLean 1969
1204	Subfamily Colloniinae	
1205	Homalopoma baculum	(Carpenter 1864)
1206	Leptonyx bacula	Carpenter 1864
1207	Homalopoma berryi	McLean 1964
1208	Homalopoma grippi	(Dall 1911)
1209 1210	Leptothyra grippi <i>Homalopoma luridum</i>	Dall 1911 (Dall 1885)
1210	Leptothyra sanguinea lurida	Dall 1885
1212	Subfamily Skeneinae	Bail 1003
1213	Skenea coronadoensis	(Arnold 1903)
1214	Delphinoidea coronadoensis	Arnold 1903
1215	Cyclostremella californica	Bartsch 1907
1216	Cyclostremella coronadoensis	of SCAMIT Ed 3
1217	Skenea californica	of Abbott 1974
1218	Subfamily Tegulinae	(T. 1. 1070)
1219	Chlorostoma aureotincta	(Forbes 1850)
1220	Trochus aureotinctus	Forbes 1850
1221 1222	Tegula aureotincta	of SCAMIT Ed 5
1222	Chlorostoma brunnea Tegula brunnea	(Philippi 1848) Philippi 1848
1223	Chlorostoma eiseni	(Jordan 1936)
	Citio, ostonia olioni	(001441111700)

4655		
1225	Tegula eiseni	Jordan 1936
1226	Chlorostoma funebralis	(A. Adams 1855)
1227	Tegula funebralis	A. Adams 1855
1228	Norrisia norrisi	(G. B. Sowerby I 1838)
1229	Trochiscus norrisi	G. B. Sowerby I 1838
1230	Promartynia pulligo	(Gmelin 1791)
1231	Phorcus pulligo	Gmelin 1791
1232		Gillelli 1791
	Family Phasianellidae	
1233	Subfamily Tricollinae	
1234	Eulithidium comptum	(Gould 1855)
1235	Phasianella compta	Gould 1855
1236	Tricolia compta	of McLean 1969
1237	Eulithidium pulloides	(Carpenter 1865)
1238	Phasianella compta var pulloides	Carpenter 1865
1239	Eulithidium substriatum	of Berry 1907 not (Carpenter 1864)
1240		of Strong 1928
	Phasianella (Tricolia) pulloides	•
1241	Tricolia pulloides	of McLean 1969
1242	Eulithidium rubrilineatum	Strong 1928
1243	Phasianella (Eulithidium) rubrilineata	Strong 1928
1244	Phasianella typica	of I. Oldroyd 1927 not Dall 1908
1245	Tricolia rubrilineata	of McLean 1969
1246	Eulithidium substriatum	(Carpenter 1864)
1247	Eucosmia (? variegata, var) substriata	Carpenter 1864
1248		of Dall 1921
	Phasianella (Eulithidium) substriata	
1249	Tricolia substriata	of McLean 1969
1250	Superorder Caenogastropoda	
1251	Order Sorbeoconcha	
1252	Superfamily Cerithioidea	
1253	Family Cerithiidae	
1254	Subfamily Alabininae	
1255	Alabina phalacra	Bartsch 1911
1256	Subfamily Bittiinae	Durison 1911
1257	Lirobittium attenuatum	(Carpenter 1864)
1258	Bittium attenuatum	Carpenter 1864
1259	Lirobittium calenum	(Dall 1919)
1260	?Alabina calena	Dall 1919
1261	Lirobittium fetellum	(Bartsch 1911)
1262	Bittium fetellum	Bartsch 1911
1263	Lirobittium larum	(Bartsch 1911)
1264	Bittium (Lirobittium) larum	Bartsch 1911
1265	Lirobittium paganicum	(Dall 1919)
1266		
	Stylidium paganicum	Dall 1919
1267	Bittium (Stylidium) paganicum	of Oldroyd 1927
1268	Lirobittium quadrifilatum	(Carpenter 1864)
1269	Bittium quadrifilatum	Carpenter 1864
1270	Bittium (Semibittium) quadrifilatum	of Bartsch 1911
1271	Bittium (Stylidium) quadrifilatum	of Abbott 1954
1272	Lirobittium rugatum	(Carpenter 1864)
1273	Bittium rugatum	Carpenter 1864
	· · · · · · · · · · · · · · · · · · ·	
1274	Bittium asperum	of Carpenter 1864 not Gabb 1861
1275	Bittium subplanatum	Bartsch 1911
1276	Bittium (Semibittium) rugatum	of Bartsch 1911
1277	Lirobittium subplanatum	of Houbrick 1993
1278	Family Litiopidae	
1279	<i>Alaba</i> sp	
1280	Family Potamididae	
1281	Cerithidea californica	(Haldeman 1840)
1282	Cerithium californicum	Haldeman 1840
1283	Family Scaliolidae	Haldeman 1040
	<u>.</u>	
1284	Finella sp	
1285	Family Thiaridae	(O. P. N. ''
1286	Melanoides tuberculata	(O. F. Müller 1774)
1287	Nerita tuberculata	O. F. Müller 1774
1288	Family Turritellidae	
1289	Turritella cooperi	Carpenter 1864
1290	Turritella jewetti	Carpenter 1864
1291	Turritella orthosymmetrica	Berry 1953
		Dony 1999
1292	Order Hypsogastropoda	
1293	Suborder Littorinimorpha	
1294	Superfamily Calyptraeoidea	
1295	Family Calyptraeidae	
1296	Calyptraea fastigiata	Gould 1846
	· · ·	

4007		
1297	Galerus contortus	Carpenter 1865
1298	Calyptraea contorta	Carpenter 1864
1299	Crepidula aculeata	(Gmelin 1791)
1300	Patella aculeata	Gmelin 1791
1301	Calyptraea echinus	Broderip 1834
1302	Calyptraea hystrix	Broderip 1834
1303	Crepidula californica	Tryon 1886 ex. Nuttall MS
1304	Crepidula costata	of Menke 1847 not G. B. Sowerby I 1824
1305	Crepidula foliacea	Broderip 1834
1306	Crepidula gravispinosa	Kuroda & Habe 1950
1307	Crepidula maculata	Quoy & Gaimard 1832-33
1308	Crepidula tomentosa	Quoy & Gaimard 1832-33
1309	Crepidula fornicata	(Linnaeus 1758)
1310	Patella fornicata	Linnaeus 1758
1311	Crepidula glottidiarum	Dall 1905
1312	Crepidula nivea var glottidiarum	Dall 1905
1313	Crepidula minuta	Middendorff 1849
1314	Crepidula nimata Crepidula nivea	of authors NEP not C. B. Adams 1852
1315	·	
	Crepidula nummaria	of Hoagland 1977 in part not Gould 1846
1316	Crypta unguiculus	H. & A. Adams 1858
1317	Crepidula onyx	G. B. Sowerby I 1824
1318	Calyptraea amygdalus	Valenciennes 1846
1319	Crepidula cerithicola	C. B. Adams 1852
1320	Crepidula lirata	Reeve 1859
1321	Crepidula rugosa	of Carpenter 1856 not Anton 1839
1322	Crepidula perforans	Valenciennes 1846
1323	Crepidula explanta	Gould 1853
1324	Crepidula exuviatas	of Reeve 1859
1325	Crepidula fimbriata	Reeve 1859
1326	Crepidula naviculloides	of authors NEP not G. B. Sowerby I 1824
1327	Crepipatella lingulata	(Gould 1846)
1328	Crepidula lingulata	Gould 1846
1329	Crepidula dorsata	of Hoagland 1977
1330	Crepidata dorsata	of SCAMIT Ed 4
1331		
	Crepipatella orbiculata	(Dall 1919)
1332	Crepidula orbiculata	Dall 1919
1333	Crepipatella (Verticumbo) charybdis	of Abbott 1974
1334	Verticumbo charybdis	Berry 1940
1335	Crucibulum spinosum	(G. B. Sowerby I 1824)
1336	Calyptraea spinosa	G. B. Sowerby I 1824
1337	Calyptraea hispida	Broderip 1834
1338	Calyptraea tubifera	Lesson 1830
1339	Patella peziza	Wood 1828
1340	Garnotia adunca	(G. B. Sowerby I 1825)
1341	Crepidula adunca	G. B. Sowerby I 1825
1342	Crepidula aeola	Dall 1927
1343	Crepidula rostriformis	Gould 1846
1344	Crepidula solida	Hinds 1844
1345	Crepidula uncata	Menke 1847
1346	Garnotia naticarum	(Williamson 1905)
1347	Crepidula rugosa naticarum	Williamson 1905
1348	Crepidula coei	Berry 1950
1349	Garnotia norissiarum	(Williamson 1905)
		Williamson 1905
1350	Crepidula rugosa norrisiarum	
1351	Crepidula excavata	of authors NEP not Broderip 1834
1352	Superfamily Cypraeoidea	
1353	Family Cypraeidae	(2.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1
1354	Zonaria spadicea	(Swainson 1823)
1355	Cypraea spadicea	Swainson 1823
1356	Family Ovulidae	
1357	Subfamily Ovulinae	
1358	Neosimnia aequalis	(G. B. Sowerby I 1832)
1359	Ovulum aequale	G. B. Sowerby I 1832
1360	Delonovolva aequalis vidleri	of Cate 1973
1361	Ovulum vidleri	G. B. Sowerby III 1881
1362	Simnia vidleri	of McLean 1969
1363	Neosimnia barbarensis	(Dall in Williamson 1892)
1364	Ovula (Simnia) deflexa var barbarense	Dall in Williamson 1892
1365	, ,	
	Neosimnia catalinensis	Berry 1916
1366	Simnia (Neosimnia) barbarensis	of I. Oldroyd 1927
1367	Simnia (Neosimnia) catalinensis	of I. Oldroyd 1927
1368	Spiculata barbarensis	of Cate 1973

		(11)
1369	Neosimnia loebbeckeana	(Weinkauff 1881)
1370	Ovula loebbeckeana	Weinkauff 1881
1371	Simnia loebbeckeana	of Abbott 1974
1372 1373	Spiculata loebbeckeana	of Cate 1973
1373	Superfamily Littorinoidea Family Littorinidae	
1375	Subfamily Littorininae	
1376	Littorina keenae	Rosewater 1978
1377	Littorina planaxis	of authors NEP not Philippi 1847
1378	Subfamily Lacuninae	or addition that this pp. 10 th
1379	Lacuna marmorata	Dall 1919
1380	Lacuna unifasciata	Carpenter in Gould & Carpenter 1856
1381	Family Peliciidae	1
1382	Pelycidion kelseyi	(Bartsch 1911)
1383	Nodulus kelseyi	Bartsch 1911
1384	Nannoteretispira kelseyi	of authors NEP
1385	Superfamily Naticoidea	
1386	Family Naticidae	
1387	Calinaticina oldroydii	(Dall 1897)
1388	Sigaretus oldroydii	Dall 1897
1389	Eunaticina oldroydii	of I. Oldroyd 1927
1390	Cryptonatica affinis	(Gmelin 1791)
1391	Nerita affinis	Gmelin 1791
1392	Euspira draconis	(Dall 1903)
1393	Lunatia draconis	Dall 1903
1394	Polinices draconis	(Dall 1903) of authors NEP
1395 1396	Euspira lewisii	(Gould 1847)
1390	Natica lewisii	Gould 1847
1398	Lunatia lewisii Natica algida	of Woodring, Bramlette & Kew 1946 Gould 1848
1399	Polinices lewisii	of SCAMIT Ed 3
1400	Polinices (Euspira) algidus	of I. Oldroyd 1927
1401	Glossaulax reclusianus	(Deshayes 1839)
1402	Natica reclusiana	Deshayes 1839
1403	Neverita alta	of Pilsbry 1929
1404	Neverita callosa	Gabb 1866
1405	Neverita reclusiana	of SCAMIT Ed 4
1406	Neverita (Glossaulax) thomsonae	Hickman 1969
1407	Polinices altus	Arnold 1903
1408	Polinices (Neverita) recluzianus	of Grant & Gale 1931
1409	Sinum scopulosum	(Conrad 1849)
1410	Sigaretus scopulosus	Conrad 1849
1411	Sinum californicum	I. Oldroyd 1917
1412	Sinum keratium	Dall 1919
1413	Superfamily Rissooidea	
1414	Family Rissoidae	
1415	Subfamily Rissoinae	(Corportor 1964)
1416 1417	Alvania compacta Rissoa compacta	(Carpenter 1864) Carpenter 1864
1418	Rissoa acutelirata	Carpenter 1864
1419	Alvania acutilirata	of Bartsch 1911
1420	Alvania purpurea	Dall 1871
1421	Alvania rosana	Bartsch 1911
1422	Alvania burrardensis	Bartsch 1921
1423	Alvania tumida	Carpenter 1857
1424	Family Anabathridae	1
1425	Amphithalamus inclusus	Carpenter 1864
1426	Amphithalamus tenuis	Bartsch 1911
1427	Family Assimineidae	
1428	Assiminea californica	(Tryon 1865)
1429	Hydrobia californica	Tryon 1865
1430	Jeffreysia translucens	Carpenter 1964
1431	Syncera translucens	of Bartsch 1920
1432	Family Barleeiidae	Companies 1064
1433	Barleeia haliotiphila	Carpenter 1864
1434	Barleeia californica	Bartsch 1920
1435	Barleeia coronadoensis	Bartsch 1920
1436	Barleeia sanjuanensis	Bartsch 1920
1437 1438	<i>Barleeia subtenuis</i> Hydrobia ulvae	Carpenter 1864 of Carpenter 1857
1436	Rissoa cooperi	Tryon 1887
1440	Lirobarleeia kelseyi	(Dall & Bartsch 1902)
		( 1/ v2/

1441	Rissoa kelseyi	Dall & Bartsch 1902
1442	Family Caecidae	D.II.'s Oss # 1995
1443 1444	Caecum californicum Caecum cooperi	Dall in Orcutt 1885
1444	Caecum cooperi Caecum dalli	of Carpenter 1864 not Smith 1860 Bartsch 1920
1446	Caecum diegense	Bartsch 1920
1447	Caecum grippi	Bartsch 1920
1448	Caecum licalium	Bartsch 1920
1449	Caecum orcutti	Dall 1885
1450	Fartulum orcutti	of McLean 2007
1451	Fartulum occidentale	Bartsch 1920
1452	Caecum occidentale	of SCAMIT Ed 4
1453	Fartulum bakeri	Bartsch 1920
1454	Fartulum hemphilli	Bartsch 1920
1455 1456	Micranellum crebricinctum  Caecum crebricinctum	(Carpenter 1864) Carpenter 1864
1457	Caecum barkleyense	Bartsch 1920
1458	Caecum catalinense	Bartsch 1920
1459	Caecum oregonense	Bartsch 1920
1460	Caecum pedroense	Bartsch 1920
1461	Caecum rosanum	Bartsch 1920
1462	Micranellum barkleyense	Bartsch 1920
1463	Micranellum catalinense	Bartsch 1920
1464	Micranellum pertoense	Bartsch 1920
1465 1466	Micranellum profundicolum	Bartsch 1920
1467	Micranellum oregonense Micranellum rosanum	Bartsch 1920 Bartsch 1920
1468	Family Hydrobiidae	Bartscri 1920
1469	Subfamily Cochiopinae	
1470	Tryonia imitator	(Pilsbry 1899)
1471	Paludestrina imitator	Pilsbry 1899
1472	Rissella sp SD1	Barwick 1998 §
1473	Family Pomatiopsidae	
1474	Cecina sp	
1475	Family Tornidae	
1476 1477	Subfamily Circulinae Circulus sp	
1477	Subfamily Teinostomatinae	
1479	Teinostoma supravallatum	(Carpenter 1864)
1480	Ethalia supravallata	Carpenter 1864
1481	Ethalia invallata	Carpenter 1864
1482	Pseudorotella invallata	of Woodring, Bramlette & Kew 1946
1483	Pseudorotella supravallata	of Woodring, Bramlette & Kew 1946
1484	Teinostoma invallata	of Dall 1921
1485	Teinostoma supravallata	of Dall 1921
1486 1487	Subfamily Vitrinellinae Vitrinella berryi	Bartsch 1907
1488	Vitrinella oldroydi	Bartsch 1907
1489	Superfamily Tonnoidea	Bartisen 1907
1490	Family Bursidae	
1491	Crossata californica	(Hinds 1843)
1492	Ranella californica	Hinds 1843
1493	Bursa californica	of Grant & Gale 1931
1494	Bursa (Bufonaria) californica	of I. Oldroyd 1927
1495 1496	Superfamily Vanikoroidea Family Vanikoridae	
1490	Megalomphalus californicus	(Dall 1903)
1498	Macromphalina californica	Dall 1903)
1499	Family Hipponicidae	2a 1000
1500	Antisabia panamensis	(C. B. Adams 1852)
1501	Hipponix panamensis	C. B. Adams 1852
1502	Hipponix antiquatus	of authors NEP not (Linnaeus 1767)
1503	Superfamily Velutinoidea	
1504	Family Velutinidae	
1505	Subfamily Lamellariinae	Dall in One 1995
1506 1507	Lamellaria diegoensis	Dall in Orcutt 1885
1507	Lamellaria orbiculata Marsenia diegoensis	of Keen 1971 not Dall 1871 of Bergh 1886
1508	Marsenina stearnsii	(Dall 1871)
1510	Lamellaria stearnsi	Dall 1871
1511	Marseniopsis sharonae	(Willett 1939)
1512	Lamellaria sharonae	Willett 1939

4540	Forette FARIA	
1513	Family Triviidae	Marsley 1947
1514 1515	Erato columbella Hesperato columbella	Menke 1847 of Cadien 1980
1516	Erato vitellina	Hinds 1844
1517	Trivia californiana	(J. E. Gray 1827)
1518	Cypraea californiana	J. E. Gray 1827
1519	Trivia (Pusula) californiana	of Abbott 1974
1520	Trivia ritteri	Raymond 1903
1521	Decoriatrivia ritteri	of Cate 1979
1522	Trivia (Dolichupis) ritteri	of Abbott 1974
1523	Superfamily Vermetoidea	
1524	Family Vermetidae	
1525	Subfamily Dendropomatinae	
1526	Petaloconchus sp	
1527	Subfamily Vermetinae	(01957)
1528	Serpulorbis squamigerus	(Carpenter 1857)
1529	Aletes squamigerus	Carpenter 1857
1530 1531	Suborder Ptenoglossa Superfamily Epitonioidea	
1531	Family Epitoniidae	
1532	Epitonium bellastriatum	(Carpenter 1864)
1534	Scalaria bellastriata	Carpenter 1864
1535	Asperiscala bellastriata	of DuShane 1979
1536	Epitonium (Asperiscala) bellistriatum	of Palmer 1958
1537	Scala bellastriata	of Arnold 1903
1538	Epitonium berryi	(Dall 1907)
1539	Scala berryi	Dall 1907
1540	Epitonium inconspicua	of Dall 1921 not G. B. Sowerby II 1847
1541	Nitidiscala catalinense	DuShane 1979
1542	Scala rectilaminata	Dall 1907
1543	Epitonium hindsii	(Carpenter 1856)
1544	Scalaria hindsii	Carpenter 1856
1545	Epitonium persuturum	Dall 1917
1546	Epitonium (Nitidiscala) contrerasi	Jordan & Hertlein 1926
1547	Epitonium (Nitidiscala) cooperi	Strong 1930
1548 1549	Epitonium (Nitidoscala) fallaciosum	Dall 1917
1549	Nitidiscala hindsii Scala hindsii	of DuShane 1979 of Arnold 1903
1551	Epitonium indianorum	(Carpenter 1864)
1552	Scalaria indianorum	Carpenter 1864
1553	Epitonium columbianum	Dall 1917
1554	Epitonium montereyense	Dall 1917
1555	Epitonium (Nitidoscala) indianorum	of Dall 1917
1556	Nitidiscala indianorum	of DuShane 1979
1557	Scala indianorum	of Arnold 1903
1558	Scalaria regiomontana	Dall in DeBoury 1919
1559	Epitonium lowei	(Dall 1906)
1560	Scala lowei	Dall 1906
1561	Asperiscala lowei	of DuShane 1979
1562	Epitonium (Asperiscala) lowei	of Keen 1971
1563 1564	Epitonium (Asperoscala) lowei	of Dall 1921 (Da Poury 1012)
1565	Epitonium minuticosta Scala (Viciniscala) minuticosta	(De Boury 1912) De Boury 1912
1566	Epitonium politum	(G. B. Sowerby II 1844)
1567	Scalaria polita	G. B. Sowerby II 1844
1568	Depressiscala polita	of DuShane 1979
1569	Epitonium implicatum	Dall & Ochsner 1928
1570	Epitonium (Nitidiscala) pedroanum	Willett 1932
1571	Epitonium (Nitidoscala) appressicostatum	Dall 1917
1572	Epitonium sawinae	(Dall 1903)
1573	Scala sawinae	Dall 1903
1574	Epitonium berryi	of Dall 1917 not (Dall 1907)
1575	Epitonium regium	Dall 1917
1576	Epitonium tabulatum	Dall 1917
1577	Epitonium (Crisposcala) acrostephanus	Dall 1908
1578	Epitonium (Crisposcala) catalinae	Dall 1908
1579	Nitidiscala sawinae	of Dushane 1979
1580	Epitonium tinctum	(Carpenter 1865)
1581 1582	Scalaria (? Indianorum var.) tincta Epitonium continuatum	Carpenter 1865 T. Oldroyd 1925
1583	Epitonium continuatum Epitonium (Nitidiscala) eelense	Durham 1937
1584	Epitonium (Nitidoscala) eelense  Epitonium (Nitidoscala) tinctum var bormanni	Strong 1941
	Epitonian (Madoodia) Motani fai bollialili	g

1585	Nitidiscala tincta	of DuShane 1979
1586	Scala tincta	of Arnold 1903
1587	Scalaria subcoronata	Carpenter 1864
1588	Nodiscala spongiosa	(Carpenter 1864)
1589	Opalia spongiosa	Carpenter 1864
1590	Epitonium (Nodiscala) spongiosum	of I. Oldroyd 1927
1591	Opalia retiporosa	Carpenter 1864
1592 1593	Opalia (Dentiscala) spongiosa	of Abbott 1974
1593	Opalia (Nodiscala) spongiosa Opalia borealis	of Palmer 1958 Keep 1881
1595	Epitonium (Opalia) wroblewskii	of Dall 1917
1596	Opalia chacei	Strong 1937
1597	Opalia wroblewskyi chacei	of Emerson 1956
1598	Scala Wroblewskyi	Mörch 1875
1599	Scalaria (Psychrosoma) gouldi	of Tapparone-Canefri 1876 not Deshayes 1861
1600	Opalia funiculata	(Carpenter 1857)
1601	Scalaria (Cirostrema) funiculata	Carpenter 1857
1602	Dentiscala crenimarginata	Dall 1917
1603	Dentiscala nesiotica	Dall 1917
1604	Epitonium (Dentiscala) nesioticum	of I. Oldroyd 1927
1605 1606	Epitonium (Dentiscala) crenimarginatum	of I. Oldroyd 1927 of Abbott 1974
1607	Opalia crenimarginata Opalia insculpta	Carpenter 1864
1608	Opalia (Dentiscala) insculpta	of Dall 1917
1609	Scala crenimarginata	of DeBoury 1919
1610	Opalia montereyensis	(Dall 1907)
1611	Scala (Cirostrema) montereyensis	Dall 1907
1612	Epitonium (Opalia) evictum	of I. Oldroyd 1927
1613	Opalia evicta	of Abbott 1974
1614	Opalia pluricostata	of Dall 1917
1615	Scala evicta	DeBoury 1919
1616	Superfamily Eulimoidea	
1617	Family Eulimidae	(Dtl- 1017)
1618 1619	Balcis berryi	(Bartsch 1917) Bartsch 1917
1620	Melanella berryi Balcis compacta	(Carpenter 1864)
1621	Eulima compacta	Carpenter 1864
1622	Melanella compacta	of Dall 1921
1623	Balcis micans	(Carpenter 1864)
1624	Eulima micans	Carpenter 1864
1625	Melanella comoxensis	Bartsch 1917
1626	Melanella micans	of I. Oldroyd 1927
1627	Melanella (Balcis) micans	of Abbott 1974
1628	Melanella (Eulima) micans	of Bailey 1935
1629	Balcis oldroydae	(Bartsch 1917)
1630 1631	Melanella (Melanella) oldroydi	Bartsch 1917 Bartsch 1917
1632	Melanella (Melanella) micans borealis $Balcis\ { m sp}\ { m A}$	SCAMIT 2003 §
1633	Balcis sp SD1	Barwick & Douglass 2003 §
1634	Balcis sp SD2	Barwick & Douglass 2003 §
1635	Eulima almo	(Bartsch 1917)
1636	Strombiformis almo	Bartsch 1917
1637	Eulima raymondi	Rivers 1904
1638	Eulima californica	of Cadien 1980
1639	Strombiformis californica	Bartsch 1917
1640	Stromiformis californicus	of Abbott 1974
1641 1642	Strombiformis lapazana	Bartsch 1917
1642	Strombiformis riversi Strombiformis townsendi	Bartsch 1917 Bartsch 1917
1644	Melanella rosa	Willett 1944
1645	Melanella thersites	(Carpenter 1864)
1646	Eulima thersites	Carpenter 1864
1647	Niso attilioi	(Hertz & Hertz 1982)
1648	Eulimostraca attilioi	Hertz & Hertz 1982
1649	Polygireulima rutila	(Carpenter 1866)
1650	Eulima rutila	Carpenter 1866
1651	Balcis rutila	of J. Burch 1945
1652	Melanella rutila	of I. Oldroyd 1927
1653	Melanella (Balcis) rutila	of Abbott 1974
1654 1655	Melanella (Melanella) rutila	of Bartsch 1917
1655 1656	<i>Pseudosabinella bakeri</i> Sabinella bakeri	(Bartsch 1917) Bartsch 1917
1000	Cabilicila baketi	Daition 1917

1657	Alaba catalinensis	Bartsch 1920
1658	Alaba serrana	Smith & Gordon 1948
1659	Melanella (Sabinella) bakeri	of I. Oldroyd 1927
1660	Vitreolina columbiana	(Bartsch 1917)
1661	Melanella (Balcis) columbiana	Bartsch 1917
1662	Balcis (Vitreolina) titubans	Berry 1956
1663	Melanella columbiana	of I. Oldroyd 1927
1664	Melanella (Balcis) grippi	Bartsch 1917
1665	Vitreolina macra	
1666		(Bartsch 1917)
	Melanella (Balcis) macra	Bartsch 1917
1667	Balcis (Vitreolina) obstipa	Berry 1954
1668	Melanella macra	of I. Oldroyd 1917
1669	Melanella (Balcis) catalinensis	Bartsch 1917
1670	Melanella (Balcis) prefalcata	Bartsch 1917
1671	Vitreolina yod	(Carpenter 1857)
1672	Leiostraca yod	Carpenter 1857
1673	Melanella yod	of Bartsch 1917
1674	Melanella taravali	Bartsch 1917
1675	Family Aclididae	
1676	Aclis occidentalis	Hemphill 1894
1677	Superfamily Triphoroidea	
1678	Family Cerithiopsidae	
1679	Subfamily Cerithiopsinae	
1680	Cerithiopsis carpenteri	Bartsch 1911
1681	Seila montereyensis	Bartsch 1907
1682	Family Triphoridae	
1683	Triphora catalinensis	(Bartsch 1907)
1684	Triphoris catalinensis	Bartsch 1907
1685	Suborder Neogastropoda	
1686	Superfamily Buccinoidea	
1687	Family Buccinidae	
1688	Subfamily Buccininae	
1689	Kelletia kelletii	(Forbes 1850)
1690	Fusus kelletii	Forbes 1850
1691	Kelletia kellettii	of I. Oldroyd 1927
1692		of Arnold 1903
1693	Siphonalia kellettii	
	Neptunea tabulata	(Baird 1863)
1694	Chrysodomus tabulata	Baird 1863
1695	Chrysodomus bairdi	Dall 1909
1696	Family Columbellidae	
1697	Subfamily Columbellinae	(0
1698	Aesopus eurytoideus	(Carpenter 1864)
1699	Truncaria eurytoides	Carpenter 1864
1700	Aesopus subturritus	(Carpenter 1866)
1701	Anachis subturrita	Carpenter 1866
1702	Anachis petravis	Dall 1908
1703	Alia carinata	(Hinds 1844)
1704	Columbella carinata	Hinds 1844
1705	Mitrella californica	(Gaskoin 1852)
1706	Mitrella carinata	of McLean 1969
1707	Nitidella carinata	of I. Oldroyd 1927
1708	Alia tuberosa	(Carpenter 1864)
1709	Amycla tuberosa	Carpenter 1864
1710	Astyris tuberosa	of Keep 1888
1711	Columbella tuberosa	of I. Oldroyd 1927
1712	Columbella (Alia) tuberosa	of Dall 1921
1713	Columbella (Astyris) tuberosa	of Williamson 1892
1714	Columbella (Mitrella) tuberosa	of Tryon 1883
1715	Mitrella tuberosa	of McLean 1969
1716	Amphissa bicolor	Dall 1892
1717	Amphissa reticulata	Dall 1916
1718	Amphissa versicolor var reticulata	Dall 1916
1719	Amphissa versicoidi vai reliculata  Amphissa undata	(Carpenter 1864)
1719	Amphissa undata Amycla undata	Carpenter 1864
1720	Amphissa ventricosa	Arnold 1903
1721	Columbella undata	
1722		of Tryon 1883 Dall 1871
	Amphissa versicolor	Dall 1871
1724	Amphissa incisa	Dall 1916
1725	Amphissa lineata	Stearns 1872
1726	Astyris aurantiaca	Dall 1871
1727	Astyris clementensis	Bartsch 1927
1728	Mitrella aurantiaca	of McLean 1969

		(0.114040)
1729	Astyris gausapata	(Gould 1850)
1730	Columbella gausapata	Gould 1850
1731	Alia casciana	Dall 1919
1732	Columbella dalli	E. A. Smith 1880
1733		
	Mitrella gouldi	of Grant & Gale 1931
1734	Nitidella gouldii	Carpenter in Gould & Carpenter 1857
1735	Nitidella lutulenta	Dall 1919
1736	Astyris permodesta	(Dall 1890)
1737	Columbella permodesta	Dall 1890
1738	Columbella (Astyris) permodesta	of Oldroyd 1927
1739	Mitrella permodesta	of Abbott 1974
	· · · · · · · · · · · · · · · · · · ·	
1740	Decipifus penicillata	(Carpenter 1864)
1741	? Anachis penicillata	Carpenter 1864
1742	Anachis (Chauvetia) penicillata	of Grant & Gale 1931
1743	Columbella (Anachis) penicillata	of Dall 1921
1744	Columbella (Seminella) penicillata	of Tryon 1883
1745	Nassarina penicillata	of McLean 1969
1746	Family Fasciolariidae	
1747	Subfamily Fusininae	
		(D-II 1977)
1748	Aptyxis luteopictus	(Dall 1877)
1749	Fusus luteopictus	Dall 1877
1750	Fusinus (Aptyxis) luteopictus	of Abbott 1974
1751	Barbarofusus barbarensis	(Trask 1855)
1752	Fusus barbarensis	Trask 1855
1753	Fusinus barbarensis	of McLean 1996
1754	Harfordia sp	of McLean 1990
	· · · · · · · · · · · · · · · · · · ·	
1755	Family Nassariidae	
1756	Subfamily Nassariinae	
1757	Arcularia tiarula	(Kiener 1841)
1758	Nassa tiarula	Kiener 1841
1759	Alectrion tegula	of Jordan 1924
1760	Alectrion (Schizopyga) tegulus	of Oldroyd 1927
1761		
	Alectrion (Zeuxis) tegula	of Dall 1921
1762	Nassa tegula	Reeve 1853
1763	Nassarius tegula	of McLean 1969
1764	Nassarius tiarula	of SCAMIT Ed 4
1765	Caesia delosi	(Woodring in Woodring, Bramlette & Kew 1946)
1766	Nassarius delosi	Woodring in Woodring, Bramlette & Kew 1946
1767	Schizopyga californica	of authors not Conrad 1856
1768	Caesia fossatus	
		(Gould 1850)
1769	Buccinum fossatum	Gould 1850
1770	Alectrion (Schizopyga) fossatus	of I. Oldroyd 1927
1771	Nassa fossata	of Keep 1888
1772	Nassarius fossatus	of McLean 1978
1773	Schizopyga fossata	of Dall 1921
1774	Caesia perpinguis	(Hinds 1844)
		,
1775	Nassa perpinguis	Hinds 1844
1776	Alectrion perpinguis	of Dall 1917
1777	Nassarius perpinguis	of McLean 1996
1778	Hima mendica	(Gould 1850)
1779	Nassa mendica	Gould 1850
1780	Alectrion (Schizopyga) mendicus	of I. Oldroyd 1927
1781	Nassarius cooperi	(Forbes 1852)
1782	Nassarius cooperi Nassarius indisputabilis	(I. Oldroyd 1927)
	•	
1783	Nassarius mendicus	of McLean 1978
1784	Hinea insculpta	(Carpenter 1864)
1785	Nassa insculpta	Carpenter 1864
1786	Alectrion insculptus	of Dall 1917
	Alexander Service Later and the service and th	
1787	Alectrion insculptusvar eudleura	Dall 1917
1787 1788	Alectrion insculptusvar eupleura Alectrion (Schizopyga) insculptus	Dall 1917 of I. Oldroyd 1927
1788	Alectrion (Schizopyga) insculptus	of I. Oldroyd 1927
1788 1789	Alectrion (Schizopyga) insculptus Nassarius insculptus	of I. Oldroyd 1927 of McLean 1996
1788 1789 1790	Alectrion (Schizopyga) insculptus Nassarius insculptus Nassarius insculptus gordanus	of I. Oldroyd 1927 of McLean 1996 Hertlein & Strong 1951
1788 1789 1790 1791	Alectrion (Schizopyga) insculptus Nassarius insculptus Nassarius insculptus gordanus Zeuxis insculptus	of I. Oldroyd 1927 of McLean 1996
1788 1789 1790	Alectrion (Schizopyga) insculptus Nassarius insculptus Nassarius insculptus gordanus	of I. Oldroyd 1927 of McLean 1996 Hertlein & Strong 1951
1788 1789 1790 1791	Alectrion (Schizopyga) insculptus Nassarius insculptus Nassarius insculptus gordanus Zeuxis insculptus	of I. Oldroyd 1927 of McLean 1996 Hertlein & Strong 1951
1788 1789 1790 1791 1792	Alectrion (Schizopyga) insculptus Nassarius insculptus Nassarius insculptus gordanus Zeuxis insculptus Superfamily Muricoidea Family Muricidae	of I. Oldroyd 1927 of McLean 1996 Hertlein & Strong 1951
1788 1789 1790 1791 1792 1793 1794	Alectrion (Schizopyga) insculptus Nassarius insculptus Nassarius insculptus gordanus Zeuxis insculptus Superfamily Muricoidea Family Muricidae Subfamily Coralliophillinae	of I. Oldroyd 1927 of McLean 1996 Hertlein & Strong 1951 of Dall 1921
1788 1789 1790 1791 1792 1793 1794 1795	Alectrion (Schizopyga) insculptus Nassarius insculptus Nassarius insculptus gordanus Zeuxis insculptus Superfamily Muricoidea Family Muricidae Subfamily Coralliophillinae Babelomurex oldroydi	of I. Oldroyd 1927 of McLean 1996 Hertlein & Strong 1951 of Dall 1921  (I. Oldroyd 1929)
1788 1789 1790 1791 1792 1793 1794 1795 1796	Alectrion (Schizopyga) insculptus Nassarius insculptus gordanus Zeuxis insculptus gordanus Zeuxis insculptus Superfamily Muricoidea Family Muricoidea Subfamily Coralliophillinae Babelomurex oldroydi Latiaxis oldroydi	of I. Oldroyd 1927 of McLean 1996 Hertlein & Strong 1951 of Dall 1921
1788 1789 1790 1791 1792 1793 1794 1795 1796 1797	Alectrion (Schizopyga) insculptus Nassarius insculptus ordanus Zeuxis insculptus gordanus Zeuxis insculptus Superfamily Muricoidea Family Muricidae Subfamily Coralliophillinae Babelomurex oldroydi Latiaxis oldroydi Subfamily Muricopsinae	of I. Oldroyd 1927 of McLean 1996 Hertlein & Strong 1951 of Dall 1921  (I. Oldroyd 1929) I. Oldroyd 1929
1788 1789 1790 1791 1792 1793 1794 1795 1796 1797	Alectrion (Schizopyga) insculptus Nassarius insculptus gordanus Zeuxis insculptus gordanus Zeuxis insculptus Superfamily Muricoidea Family Muricidae Subfamily Coralliophillinae Babelomurex oldroydi Latiaxis oldroydi Subfamily Muricopsinae Maxwellia gemma	of I. Oldroyd 1927 of McLean 1996 Hertlein & Strong 1951 of Dall 1921  (I. Oldroyd 1929) I. Oldroyd 1929 (G. B. Sowerby II 1879)
1788 1789 1790 1791 1792 1793 1794 1795 1796 1797	Alectrion (Schizopyga) insculptus Nassarius insculptus ordanus Zeuxis insculptus gordanus Zeuxis insculptus Superfamily Muricoidea Family Muricidae Subfamily Coralliophillinae Babelomurex oldroydi Latiaxis oldroydi Subfamily Muricopsinae	of I. Oldroyd 1927 of McLean 1996 Hertlein & Strong 1951 of Dall 1921  (I. Oldroyd 1929) I. Oldroyd 1929
1788 1789 1790 1791 1792 1793 1794 1795 1796 1797	Alectrion (Schizopyga) insculptus Nassarius insculptus gordanus Zeuxis insculptus gordanus Zeuxis insculptus Superfamily Muricoidea Family Muricidae Subfamily Coralliophillinae Babelomurex oldroydi Latiaxis oldroydi Subfamily Muricopsinae Maxwellia gemma	of I. Oldroyd 1927 of McLean 1996 Hertlein & Strong 1951 of Dall 1921  (I. Oldroyd 1929) I. Oldroyd 1929 (G. B. Sowerby II 1879)

1801	Murex (Phyllonotus) santarosana	Dall 1905
1802	Murex (Murexiella) santarosanus	of Abbott 1974
1803	Murexiella santarosana	of Keen 1971
1804	Subfamily Ocenebrinae	(C. D. Ch., I 1925)
1805 1806	Acanthinucella punctulata  Monoceros punctulata	(G. B. Sowerby I 1835) G. B. Sowerby I 1835
1807	Acanthinucella spirata	(de Blainville 1832)
1808	Purpura spirata	de Blainville 1832
1809	Acanthina spirata	of McLean 1978
1810	Monoceros engonatum	of Keep 1888
1811	Austrotrophon catalinensis	(I. Oldroyd 1927)
1812 1813	Trophon (Austrotrophon) catalinensis Forreria (Austrotrophon) catalinensis	I. Oldroyd 1927 of Grant & Gale 1931
1814	Trophon (Austrotrophon) cerrosensis catalinensis	of Abbott 1974
1815	Ceratostoma nuttalli	(Conrad 1837)
1816	Murex (Cerostoma) nuttalli	Conrad 1837
1817	Ceratostoma (Ceratostoma) nuttalli	of Abbott 1974
1818	Purpura nuttallii albescens	Dall 1919
1819 1820	Purpura nuttallii albofasciata Purpura (Purpura) nuttalli	Dall 1919 of Grant & Gale 1931
1821	Pterynotus aciculiger	Valenciennes 1846
1822	Forreria belcheri	(Hinds 1843)
1823	Murex belcheri	Hinds 1843
1824	Chorus belcheri	of Arnold 1903
1825	Mexacanthina lugubris	(G. B. Sowerby I 1822)
1826 1827	Monoceros lugubris	G. B. Sowerby I 1822
1828	Acanthina lugubris Acanthina tyrianthina	of authors NEP Berry 1957
1829	Nucella emarginata	(Deshayes 1839)
1830	Purpura emarginata	Deschayes 1839
1831	Nucella lamellosa	(Gmelin 1791)
1832	Buccinum lamellosa	Gmelin 1791
1833	Thais franciscana	Dall 1915
1834 1835	Thais neptunea Thais sitkana	Dall 1915 Dall 1915
1836	Nucella ostrina	(Gould 1852)
1837	Purpura ostrina	Gould 1852
1838	Thais emarginata var projecta	Dall 1915
1839	Ocinebrina barbarensis	(Gabb 1865)
1840	Murex (Muricidea) barbarensis	Gabb 1865
1841 1842	Ocenebra orionationima	of McLean 1978
1843	Ocenebra crispatissima Tritonalia barbarensis	Berry 1953 of Dall 1921
1844	Ocinebrina beta	(Dall 1919)
1845	Tritonalia interfossa beta	Dall 1919
1846	Ocenebra beta	of Abbott 1974
1847	Ocenebra keenae	Bormann 1946
1848	Ocinebrina circumtexta	Stearns 1871
1849 1850	Ocinebrina foveolata  Murex foveolatus	(Hinds 1844) Hinds 1844
1851	Ocenebra foveolata	of Radwin & D'Attilio 1976
1852	Tritonalia epiphanea	Dall 1919
1853	Tritonalia fusconotata	Dall 1919
1854	Trophon squamulifer	Carpenter in Gabb 1869
1855	Ocinebrina interfossa	Carpenter 1864
1856 1857	Pteropurpura festiva  Murex festivus	(Hinds 1844) Hinds 1844
1858	Pteropurpura (Shaskyus) festiva	of Abbott 1974
1859	Purpura (Jaton) festiva	of Grant & Gale 1931
1860	Shaskyus festivus	of J. Burch & Campbell 1963
1861	Pteropurpura macroptera	(Deshayes 1839)
1862	Murex macropterus	Deshayes 1839
1863	Murex alba	Berry 1908
1864 1865	Murex petri Murex tremperi	Dall 1900 Dall 1910
1866	Pteronotus carpenteri	Dall 1899
1867	Pteropurpura trialata	(G. B. Sowerby II 1834)
1868	Murex trialatus	G. B. Sowerby II 1834
1869	Alipurpura trialata	of Dall 1921
1870	Pteropurpura vokesae	Emerson 1964
1871 1872	Murex rhyssus	Dall 1919 not Tate 1888
1072	Roperia poulsoni	(Carpenter 1864)

1873	Ocenebra poulsoni	Carpenter 1864
1874	Fusus roperi	Dall 1898
1875	Subfamily Rapaninae	
1876	- · · · · · · · · · · · · · · · · · · ·	(de Dleinville 1922)
	Stramonita biserialis	(de Blainville 1832)
1877	Purpura beserialis	Blainville 1832
1878	Purpura haematura	Valenciennes 1846
1879	Thais (Stramonita) biserialis	Keen 1971
1880	Subfamily Trophoninae	
		D-II 1002
1881	Boreotrophon avalonensis	Dall 1902
1882	Boreotrophon bentleyi	Dall 1908
1883	Trophon (Neptunea) bentleyi	of I. Oldroyd 1927
1884	Boreotrophon eucymatus	Dall 1902
1885	Trophon (Neptunea) eucymatus	of I. Oldroyd 1927
		· · · · · · · · · · · · · · · · · · ·
1886	Boreotrophon multicostatus	(Eschscholtz 1829)
1887	Murex multicostatus	Eschscholtz 1829
1888	Scabrotrophon grovesi	McLean 1996
1889	Nipponotrophon scitulus	of Myers & D'Attilio 1980 in part not (Dall 1891)
1890	., .	
	Trophon lasius	of Willett 1938 in part not (Dall 1919)
1891	Scabrotrophon maltzani	(Kobelt & Küster 1878)
1892	Trophon maltzani	Kobert & Küster 1878
1893	Nipponotrophon lasius	of Radwin & D'Attilio 1976 not (Dall 1919)
1894	Nipponotrophon maltzani	of Houart 1985
1895	Nipponotrophon subserratus	of Roth 1981
1896	Trophon subserratus	G. B. Sowerby II 1880
1897	Trophon (Trophonopsis) lasius	of Willett 1938 in part not (Dall 1919)
1898	Trophonopsis lasius	of Abbott 1974 in part not (Dall 1919)
1899	Family Marginellidae	
1900	Subfamily Marginellinae	
1901	Volvarina taeniolata	Mörch 1860
1902	Volvarina californica	Tomlin 1816
1903	Volvarina parallela	Dall 1918
1904	Family Cysticidae	
1905	Subfamily Granulininae	(0 1061)
1906	Gibberula subtrigona	(Carpenter 1864)
1907	Marginella subtrigona	Carpenter 1864
1908	Granula subtrigona	of authors NEP
1909	Hyalina (Cystiscus) subtrigona	of Grant & Gale 1931
1910	Persicula (Gibberula) subtrigona	of Abbott 1954
1911	Granulina margaritula	(Carpenter 1857)
1912	Marginella margaritula	Carpenter 1857
1913	Cypraeolina margaritula	of I. Oldroyd 1927
1914	Volutella pyriformis	Carpenter 1864
1915	Subfamily Plesiocysticinae	54. points: 1551
		(D. II 1010)
1916	Plesiocystiscus myrmecoon	(Dall 1919)
1917	Hyalina myrmecoon	Dall 1919
1918	Marginella (Hyalina) myrmecoon	of Odryoyd 1927
1919	Cystiscus myrmecoon	of Coan & Roth 1966
1920	Plesiocystiscus politulus	(Dall 1919)
		· /
1921	Hyalina politulus	Dall 1919
1922	Cystiscus politulus	of McLean 1969
1923	Family Mitridae	
1924	Mitra idae	Melvill 1893
1925	Mitra catalinae	Dall 1919
1926	Mitra diegensis	Dall 1919
1927	Mitra Ioweana	Dall 1903
1928	Mitra montereyi	Berry 1920
1929	Mitra semiusta	Berry 1957
1930	Family Turbinellidae	
	•	
1931	Metzgeria sp	
1932	Superfamily Olivoidea	
1933	Family Olivellidae	
1934	Callianax baetica	(Carpenter 1857)
1935	Olivella baetica	Carpenter 1857
		·
1936	Olivella diegensis	T. Oldroyd 1921
1937	Olivella mexicana	T. Oldroyd 1921
1938	Olivella porteri	Dall 1910
1939	Callianax biplicata	(G. B. Sowerby I 1825)
1940	Oliva biplicata	G. B. Sowerby I 1825
	·	· · · · · · · · · · · · · · · · · · ·
1941	Olivella angelana	T. Oldroyd 1918
1942	Olivella biplicata	of authors NEP
1943	Olivella biplicata lapillus	Vanatta 1915
1944	Olivella parva	T. Oldroyd 1921
		- · · · · · · · · · · · · · · · · · · ·

1945	Olivella fucana	T. Oldroyd 1921
1946	Callianax pycna	(Berry 1935)
1947	Olivella pycna	Berry 1935
1948	Olivella intorta	Carpenter 1857
1949	Olivella pedroana	of authors NEP not Conrad 1856
1950 1951	Superfamily Pseudolivoidea	
1951	Family Pseudolividae Macron lividus	(A. Adams 1955)
1952	Pseudolivia livida	(A. Adams 1855) A. Adams 1855
1953	Superfamily Conoidea	A. Adams 1655
1954	Family Conidae	
1956	Subfamily Coninae	
1957	Conus californicus	Hinds 1844
1958	Subfamily Clathurellinae	1111Ius 1044
1959	Ophiodermella cancellata	(Carpenter 1864)
1960	Drillia cancellata	Carpenter 1864
1961	Clathrodrillia (Moniliopsis) rhines	of Dall 1921
1962	Moniliopsis cancellata	of Dall 1918
1963	Moniliopsis chacei	Berry 1941
1964	Moniliopsis rhines	of Dall 1919
1965	Surcula rhines	Dall 1908
1966	Ophiodermella fancherae	(Dall 1903)
1967	Mangilia fancherae	Dall 1903
1968	Moniliopsis incisa var fancherae	of Grant & Gale 1931
1969	Ophiodermella inermis	(Reeve 1843)
1970	Pleurotoma inermis	Reeve 1843
1971	Drillia incisa	Carpenter 1864
1972	Ophiodermella montereyensis	Bartsch 1944
1973	Ophiodermella ophioderma	of McLean 1978
1974	Turris (Surcula) halcyonis	Dall 1908
1975	Subfamily Mangeliinae	
1976	Crockerella eriphyle	(Dall 1919)
1977	Mangilia eriphyle	Dall 1919
1978	Mangelia eriphyle	of Abbott 1974
1979	Crockerella evadne	(Dall 1919)
1980	Mangilia evadne	Dall 1919
1981	Spirotropis ? evadne	Grant & Gale 1931
1982	Crockerella lowei	(Dall 1903)
1983	Clathurella lowei	Dall 1903
1984	Clathurella crystallina	of Abbott 1974 not Gabb 1865
1985	Philbertia hesione	Dall 1919
1986	Kurtzia arteaga	(Dall & Bartsch 1910)
1987	Mangelia arteaga	Dall & Bartsch 1910
1988	Mangelia arteaga var roperi	Dall 1919
1989	Kurtzia gordoni	Bartsch 1944
1990	Kurtziella plumbea	(Hinds 1843)
1991	Mangelia plumbea	Hinds 1843
1992	Mangelia alesidota	Dall 1919
1993	Mangelia angulata	Carpenter 1864
1994	Mangelia angulata var subangulata	Carpenter 1857
1995	Mangelia barbarensis	I. Oldroyd 1924
1996	Mangelia hebe	Dall 1919
1997	Mangelia hecetae	Dall & Bartsch 1910
1998	Mangelia oenoa	Dall 1919
1999	Mangelia sulcata	Carpenter 1865
2000 2001	Mangelia tersa Mangelia wrighti	Dall 1919 Jordan 1936
2001	Kurtzina beta	(Dall 1919)
2002	Mangelia (Kurtziella) beta	Dall 1919)
2003	Kurtziella (Kurtzina) beta	of McLean in Keen 1971
2005	Mangelia hexagona	Gabb 1865
2006	Agathotoma quintinensis	of Dall 1925
2007	Cytharella hexagona	of I. Oldroyd 1927
2007	Cytharella (Agathotoma) quintinensis	Dall 1921
2009	Mangilia (Aganotoma) dumunensis Mangilia (Cythara) branneri	Arnold 1903
2009	Suavodrillia kennicottii	(Dall 1871)
2010	Drillia kennicotti	Dall 1871
2011	Subfamily Oenopotinae	Dan 1071
2012	Oenopota regulus	(Dall 1919)
2013	Lora regulus	Dall 1919
2015	Propebela turricula	(Montagu 1803)
2016	Murex turricula	Montagu 1803
-		<b>~</b>

2017	Turridae sp SD1	Lilly 2004 §
2018	Subfamily Raphitominae	Lilly 2004 g
2019	Daphnella clathrata	Gabb 1865
2020	Daphnella sp SD1	Barwick 1998 §
2021	Family Drillidae	
2022	Elaeocyma empyrosia	(Dall 1899)
2023	Drillia empyrosia	Dall 1899
2024	Kylix halocydne	(Dall 1919)
2025	Elaecyma halocydne	Dall 1919
2026 2027	Suavodrillia kennicottii	(Dall 1871)
2027	Drillia kennicotti Family Pseudomelatomidae	Dall 1871
2029	Pseudomelatoma penicillata	(Carpenter 1865)
2030	Drillia penicillata	Carpenter 1865
2031	Drillia moesta	Carpenter 1865
2032	Family Terebridae	
2033	Subfamily Terebrinae	
2034	Terebra hemphilli	Vanatta 1924
2035	Terebra danai	Berry 1958
2036	Terebra pedroana	Dall 1908
2037	Terebra albocincta var pedroana	of Grand & Gale 1931
2038	Terebra pedroana philippianum	of Dall 1925 not Deshayes 1859
2039 2040	Terebra simplex Terebra (Strioterebrum) pedroana	of Arnold 1903 of I. Oldroyd 1927
2041	Family Turridae	or i. Oldroyd 1921
2042	Subfamily Turrinae	
2043	Megasurcula carpenteriana	(Gabb 1865)
2044	Pleurotoma (Surcula) carpenteriana	Gabb 1865
2045	Cryptoconus carpenteriana	of Dall 1921
2046	Megasurcula granti	Bartsch 1944
2047	Megasurcula tremperiana	Dall 1911
2048	Pleurotoma (Surcula) tryoniana	Gabb 1866
2049	Megasurcula stearnsiana	(Raymond 1904)
2050	Pleurotoma (Genota) stearnsiana	Raymond 1904
2051	Cryptoconus stearnsiana	of Dall 1921
2052 2053	Megasurcula remondii	of authors NEP not Gabb 1866
2053	Subfamily Cochlispirinae  Antiplanes catalinae	(Raymond 1904)
2055	Pleurotoma (Antiplanes) catalinae	Raymond 1904
2056	Antiplanes gabbi	Kantor & Sysoev 1991
2057	Antiplanes major	Bartsch 1944
2058	Antiplanes perversa	of I. Oldroyd 1927
2059	Antiplanes voyi	of Abbott 1974 not Gabb 1866
2060	Pleurotoma (Surcula) perversa	of Gabb 1855 not Philippi 1847
2061	Antiplanes thalea	(Dall 1902)
2062	Pleurotoma (Antiplanes) thalea	Dall 1902
2063	Antiplanes rotula	Dall 1921
2064	Antiplanes santarosana	Dall 1902
2065 2066	Antiplanes (Rectiplanes) santarosana Antiplanes (Rectiplanes) willetti	of McLean 1971 Berry 1953
2067	Pleurotoma (Spirotropis) smithi	of Arnold 1903 not Forbes 1840
2068	Rhodopetoma renaudi	(Arnold 1903)
2069	Drillia renaudi	Arnold 1903
2070	Subfamily Crassispirinae	
2071	Crassispira semiinflata	(Grant & Gale 1931)
2072	Pseudomelatoma penicillata var semiinflata	Grant & Gale 1931
2073	Burchia redondoensis	of Bartsch 1944
2074	Crassispira redondoensis	T. Burch 1938
2075	Pseudotaranis strongi	(Arnold 1903)
2076	Mangelia (Taranis) strongi	Arnold 1903
2077	Superfamily Cancellaroidea	
2078 2079	Family Cancellariidae Subfamily Cancellariinae	
2079	Cancellaria cooperii	Gabb 1865
2080	Cancellaria (Narona) cooperii	Gabb 1865
2082	Cancellaria (Narona) cooperi	of Dall 1921
2083	Cancellaria crawfordiana	Dall 1891
2084	Cancellaria ghiorum	Costa 1993
2085	Cancellaria (Crawfordina) crawfordiana	of Abbott 1974
2086	Cancellaria (Progabbia) crawfordiana	of I. Oldroyd 1927
2087	Cancellaria decussata	G. B. Sowerby I 1832
2088	Subfamily Admetinae	

0000		(0 + 10(0)
2089	Admete gracilior	(Carpenter 1869)
2090	Cancellaria gracilior	Carpenter 1869
2091	Admete couthouyi	of authors not Jay 1839
2092	Admete rhyssa	Dall 1919
2093	Admete seftoni	Berry 1956
2094	Admete woodworthi	Dall 1905
2095	Superorder Heterobranchia	
2096	Order "Lower Heterobranchia"	
2097	Superfamily Acteonoidea	
2098	Family Acteonidae	
2099	Subfamily Acteoninae	
2100	Acteon traskii	Stearns 1898
2101	Rictaxis painei	(Dall 1903)
2102	Actaeon (Rictaxis) painei	Dall 1903
2103	Rictaxis punctocaelatus	(Carpenter 1864)
2104	Tornatella punctocaelata	Carpenter 1864
2105	Acteon punctocaelatus vancouverensis	I. Oldroyd 1927
2106	Acteon (Rictaxis) punctocaelata	of Dall 1921
2107	Acteon (Rictaxis) punctocaelatus	of Grant & Gale 1931
2108	Rhextaxis punctocoelata	of Keep 1887
2109	Family Aplustridae	
2110	Parvaplustrum sp A	SCAMIT 1995 §
2111	Cephalaspidea sp A	SCAMIT 1993 §
2112	Parvamplustrum sp	of Gosliner 1996
2113	Parvaplustrum sp B	SCAMIT 1996 §
2114	Meloscaphander sp A	SCAMIT 1995 §
2115	Superfamily Pyramidelloidea	SCAMIT 1995 8
2116	Family Pyramidellidae	
2117		
2117	Subfamily Odostomiinae	(Corportor 1965)
2110	Aartsenia pupiformis	(Carpenter 1865)
	Odostomia pupiformis	Carpenter 1865
2120	Boonea oregonensis	(Dall & Bartsch 1907)
2121	Odostomia (Chrysallida) oregonensis	Dall & Bartsch 1907
2122	Chrysallida helga	(Dall & Bartsch 1909)
2123	Odostomia (Chrysallida) helga	Dall & Bartsch 1909
2124	Ivara turricula	(Dall & Bartsch 1903)
2125	Odostomia (Ivara) turricula	Dall & Bartsch 1903
2126	Ividella navisa	(Dall & Bartsch 1907)
2127	Odostomia (Ividella) navisa	Dall & Bartsch 1907
2128	Odostomia aequisculpta	Carpenter 1864
2129	Odostomia astricta	Dall & Bartsch 1907
2130	Odostomia cooperi	Dall & Bartsch 1907
2131	Odostomia lucca	Dall & Bartsch 1909
2132	Odostomia monteryensis	Dall & Bartsch 1909
2133	Odostomia oldroydi	Dall & Bartsch 1909
2134	Odostomia canfieldi	Dall 1908
2135	Odostomia clementina	Dall & Bartsch 1909
2136	Odostomia columbiana	Dall & Bartsch 1907
2137	Odostomia eucosmia	Dall & Bartsch 1909
2138	Odostomia eugena	Dall & Bartsch 1909
2139	Odostomia gravida	Gould 1853
2140	Odostomia ritteri	Dall & Bartsch 1909
2141	Odostomia tenuisculpta	Carpenter 1864
2142	Odostomia amchitkana	Dall & Bartsch 1907
2143	Odostomia baranoffensis	Dall & Bartsch 1907
2144	Odostomia clesseni	Dall & Bartsch 1907
2145	Odostomia deliciosa	Dall & Bartsch 1907
2146	Odostomia hagemeisteri	Dall & Bartsch 1907
2147	Odostomia jewetti	Dall & Bartsch 1907
2148	Odostomia kadiakensis	Dall & Bartsch 1907
2149	Odostomia obesa	Dall & Bartsch 1907
2150	Odostomia phanea	Dall & Bartsch 1907
2151	Odostomia santarosana	Dall & Bartsch 1907
2152	Odostomia satikaensis	Clessin 1900
2153	Odostomia sucacrisis  Odostomia socorroensis	Dall & Bartsch 1907
2154	Odostomia stephensae	Dall & Bartsch 1907
2155	Odostomia steprierisae  Odostomia straminea	Carpenter 1865
2156	Odostornia straninea Odostornia tillamookensis	Dall & Bartsch 1907
2157	Odostornia tiliamookensis Odostomia valdeni	Dall & Bartsch 1907
2157	Odostomia valdeni Odostomia virginalis	Dall & Bartsch 1907 Dall & Bartsch 1909
2150	Odostomia virginatis Odostomia sp D	MBC 1980 §
2160	Trabecula laxa	(Dall & Bartsch 1909)
2100	Travecula laxa	(Dan & Dartsell 1909)

2161	Odostomia laxa	Dall & Bartsch 1909
2162	Subfamily Turbonillinae	San a Sancon 1000
2163	Turbonilla almo	Dall & Bartsch 1909
2164	Turbonilla castanea	Keep 1887
2165	Turbonilla chocolata	(Carpenter 1864)
2166	Chemnitzia chocolata	Carpenter 1864
2167	Turbonilla halia	Dall & Bartsch 1909
2168	Turbonilla keepi	Dall & Bartsch 1909
2169	Turbonilla lowei	Dall & Bartsch 1908
2170	Turbonilla diegensis	Dall & Bartsch 1909
2171	Turbonilla kelseyi	Dall & Bartsch 1909
2172	Turbonilla nuttingi	Dall & Bartsch 1909
2173	Turbonilla raymondi	Dall & Bartsch 1909
2174	Turbonilla regina	Dall & Bartsch 1909
2175	Turbonilla santarosana Turbonilla tenuicula	Dall & Bartsch 1909
2176 2177		(Gould 1853) Gould 1853
2177	Chemnitzia tenuicula $\mathit{Turbonilla}\ \mathrm{sp}\ \mathrm{A}$	SCAMIT 1988 §
2179	Family Amathinidae	SCAWIII 1988 §
2180	Iselica obtusa	(Carpenter 1864)
2181	Isapis obtusa	Carpenter 1864
2182	Iselica ovoidea	(Gould 1853)
2183	Narica ovoidea	Gould 1853
2184	Isapis fenestrata	Carpenter 1864
2185	Iselica fenestrata	of McLean 1969
2186	Superfamily Ringiculoidea	
2187	Family Ringiculidae	
2188	Microglyphis brevicula	(Dall 1902)
2189	Actaeon (Microglyphis) breviculus	Dall 1902
2190	Order Opisthobranchia	
2191	Suborder Cephalaspidea	
2192	Superfamily Bulloidea	
2193	Family Bullidae	
2194	Bulla gouldiana	Pilsbry 1895
2195	Bulla nebulosa	of A. Adams 1850 ex. Gould MS not Schröter 1804
2196	Superfamily Diaphanoidea	
2197	Family Diaphanidae	
2198	Subfamily Diaphaninae	D 11 1010
2199	Diaphana californica	Dall 1919
2200 2201	Superfamily Haminoeoidea	
2201	Family Haminoeidae Subfamily Haminoeinae	
2202	Haminoea vesicula	(Gould 1855)
2204	Bulla (Haminea) vesicula	Gould 1855
2205	Haminaea vesicula	of SCAMIT Ed 3
2206	Haminoea virescens	(G. B. Sowerby I 1833)
2207	Bulla virescens	G. B. Sowerby I 1833
2208	Haminaea virescens	of SCAMIT Ed 3
2209	Haminoea cymbiformis	Carpenter 1857
2210	Haminoea olgae	Dall 1919
2211	Haminoea rosacea	Spicer 1933
2212	Haminoea strongi	Baker & Hanna 1927
2213	Superfamily Philinoidea	
2214	Family Philinidae	
2215	Philine alba	Mattox 1958
2216	Philine bakeri	of Behrens 1991 not Dall 1919
2217	Philine bakeri	of MacFarland 1966 in part not Dall 1919
2218	Philine auriformis	Suter 1909
2219	Philine bakeri	Dall 1919
2220	Philine alba	of Abbott 1974 not Mattox 1958
2221	Philine californica	Willett 1944
2222	Philine polystrigma	(Dall 1908)
2223	Clistaxis ? polystrigma	Dall 1908 SCAMIT 1988 8
2224 2225	<i>Philine</i> sp A Philine sp 1	SCAMIT 1988 § Gosliner 1996
2225 2226	Philine sp 1 Woodbridgea williamsi	S. S. Berry 1953
2227	Family Aglajidae	5. 5. DOILY 1755
2228	Aglaja ocelligera	(Bergh 1893)
2229	Agruju ocerngeru Doridium ocelligerum	Bergh 1893
2230	Aglaja diomedea	of MacFarland 1966 in part
2231	Aglaja phocae	of Rudman 1974
2232	Chelidonura phocae	Er. Marcus 1961
	'	

0000	5	D. II 4004
2233	Doridium adellae	Dall 1894
2234	Melanochlamys diomedea	(Bergh 1893)
2235	Doridium diomedeum	Bergh 1893
2236	Aglaja diomedea	of MacFarland 1966 in part
2237	Aglaja nana	Steinberg & Jones 1960
2238	Aglaja sp A	Cadien 1989 §
2239	Melanochlamys nana	of Rudman 1972
2240	Navanax inermis	(Cooper 1863)
2241	Strategus inermis	Cooper 1863
2242	Aglaja bakeri	MacFarland 1924
2243	Aglaja inermis	of Austin 1985
2244	Chelidonura inermis	of Er. Marcus 1961
2245	Doridium purpureum	Bergh 1893
2246	Navarchus inermis	of Cooper 1863
2247	Family Cylichnidae	
2248	Acteocina carinata	(Carpenter 1856)
2249	Tornatina carinata	Carpenter 1856
2250	Retusa (Acteocina) carinata	of Grant & Gale 1931
2251	Acteocina cerealis	(Gould 1853)
2252	Bulla (Tornatina) cerealis	Gould 1853
2253	Acteocina eximia	of SCAMIT Ed 4
2254	Bullina eximia	Baird 1863
2255	Acteocina culcitella eximia	of Willett 1928
2256	Acteocina culcitella intermedia	Willett 1928
2257	Cylichnella culcitella	of Gosliner 1979 not (Gould 1853)
2258	Tornatina eximia	of Pilsbry 1895
2259	Utriculastra culcitella	of Er. Marcus 1977
2260	Acteocina culcitella	(Gould 1853)
2261	Bulla (Akera) culcitella	Gould 1853
2262	Tornastra rolleri	Er. Marcus 1977
2263	Acteocina harpa	(Dall 1871)
2264	Tornatina harpa	Dall 1871
2265	Acteocina oldroydi	Dall 1925
2266	Acteocina didroyur  Acteocina (Coleophysis) harpa	of Abbott 1974
2267		
2268	Cylichnella harpa	of SCAMIT 1994
	Retusa (Coleophysis) harpa	of I. Oldroyd 1927
2269	Utriculastra harpa	of Thiele 1925
2270	Acteocina inculta	(Gould 1855)
2271	Bulla (Tornatina) inculta	Gould 1855
2272	Cylichnella inculta	of Gosliner 1979
2273	Cylichna attonsa	Carpenter 1865
2274	Cylichna ? Cylindracea var attonsa	Carpenter 1865
2275	Cylichna propinqua	E. A. Smith 1872
2276	Cylichnella (Bullinella) attonsa	of Dall 1921
2277	Cylichna diegensis	(Dall 1919)
2278	Cylichnella diegensis	Dall 1919
2279	Family Gastropteridae	
2280	Gastropteron pacificum	Bergh 1893
2281	Gastropteron cinereum	Dall 1925
2282	Family Philinoglossidae	
2283	Philinoglossa sp A	SCAMIT 1998 §
2284	Family Retusidae	
2285	Sulcoretusa xystrum	(Dall 1919)
2286	Retusa xystrum	Dall 1919
2287	Sulcularia xystrum	(Dall 1919)
2288	Volvulella californica	(Dall 1919)
2289	Rhizorus californicus	Dall 1919
2290	Volvulella catharia	Dall 1919
2291	Volvulella cylindrica	(Carpenter 1864)
2292	Volvula cylindrica	Carpenter 1864
2293	Volvulella callicera	Dall 1919
2294	Volvulella cooperi	Dall 1919
2295	Volvulella lowei	(Strong & Hertlein 1937)
2296	Volvulella panamica	Dall 1919
2297	Rhizorus panamicus	(Dall 1919)
2298	Volvulella tenuissima	Willett 1944
2299	Superfamily Runcinoidea	
2300	Family Runcinidae	
2301	Runcina macfarlandi	Gosliner 1991
2302	superfamily uncertain	300
2303	family uncertain	
2304	Bullomorpha sp A	Ljubenkov 1994 §
	Somothin ob 11	2,000,000, 177, 18

2305	Suborder Aplysiomorpha	
2306	Superfamily Aplysioidea	
2307	Family Aplysiidae	
2308	Subfamily Aplysiinae	
2309	Aplysia californica	Cooper 1863
2310	Aplysia (Neaplysia) californica	Cooper 1863
2311	Aplysia nettiae	Winkler 1959
2312	Aplysia vaccaria	Winkler 1955
2313	Subfamily Dolabriferinae	
2314	Phyllaplysia taylori	Dall 1900
2315	Phyllaplysia zostericola	McCauley 1960
2316	Superfamily Akeroidea	, , , , , , , , , , , , , , , , , , , ,
2317	Family Akeridae	
2318	Akera julieae	Valdés & Barwick 2005
2319	Suborder Sacoglossa	variates de Barviller 2005
2320	Superfamily Limapontioidea	
2321	Family Hermaeidae	
2322	Alderia willowi	Krug, Ellingson, Burton & Valdés 2007
2323	Alderia modesta	of authors SCB not (Lóven 1844)
2324	Aplysiopsis enteromorphae	(Cockerell & Eliot 1905)
2325	Phyllobranchopsis enteromorphae	Cockerell & Eliot 1905
2326	Hermaeina smithi	Marcus 1961
2327	Olea hansineensis	Agersborg 1923
2328	Suborder Umbraculida	Ageisooig 1923
2329	Superfamily Umbraculoidea	
2330	Family Tylodinidae	C-11-1065
2331	Tylodina fungina	Gabb 1865
2332	Suborder Nudipleura	
2333	Infraorder Pleurobranchomorpha	
2334	Superfamily Pleurobranchoidea	
2335	Family Pleurobranchidae	
2336	Subfamily Pleurobranchinae	(T. 11.1000)
2337	Berthella californica	(Dall 1900)
2338	Pleurobranchus californicus	Dall 1900
2339	Berthella denticulatus	of Lee & Foster 1985
2340	Pleurobranchus californicus denticulatus	MacFarland 1966
2341	Pleurobranchus chacei	J. Burch 1944
2342	Berthellina ilisima	Marcus & Marcus 1967
2343	Berthellina citrina	(Ruppell & Leuckart 1828)
2344	Berthellina engeli	Gardner 1936
2345	Subfamily Pleurobranchaeinae	
2346	Pleurobranchaea californica	MacFarland 1966
2347	Infraorder Nudibranchia	
2348	Superfamily Doridoidea	
2349	Family Dorididae	
2350	Aldisa sanguinea	(Cooper 1863)
2351	Doris sanguinea	Cooper 1863
2352	Conualevia alba	Collier & Farmer 1964
2353	Doris montereyensis	Cooper 1863
2354	Archidoris montereyensis	of SCAMIT Ed 4
2355	Archidoris nyctea	Bergh 1900
2356	Doris odhneri	(MacFarland 1966)
2357	Archidoris odhneri	MacFarland 1966
2358	Doris tanya	(Marcus 1971)
2359	Sclerodoris tanya	Marcus 1971
2360	Family Chromodorididae	
2361	Cadlina flavomaculata	MacFarland 1905
2362	Cadlina luteomarginata	MacFarland 1966
2363	Cadlina marginata	MacFarland 1905
2364	Cadlina modesta	MacFarland 1966
2365	Cadlina sparsa	(Odhner 1921)
2366	Juanella sparsa	Odhner 1921
2367	Chromodoris macfarlandi	Cockerell 1901
2368	Hypselodoris californiensis	(Bergh 1879)
2369	Chromodoris californiensis	(Bergh 1879) Bergh 1879
2370	Mexichromis porterae	(Cockerell 1901)
2370	Mexicuromis porterae  Chromodoris porterae	Cockerell 1901)
	·	COCKEIGH 1901
2372	Family Discodorididae	(O'Danaghua 1027
2373	Atagema alba	(O'Donoghue 1927
2374	Doridigitata alba	O'Donoghue 1927
2375	Atagema quadrimaculata	Collier 1963
2376	Petelodoris spongicola	MacFarland 1966

2377	Baptodoris mimetica	Gosliner 1991
2378	Diaulula sandiegensis	(Cooper 1863)
2379	Doris (Actinocyclus ?) sandiegensis	Cooper 1863
2380	Discodoris sandiegensis	•
		of McDonald & Nybakken 1980
2381	Geitodoris heathi	(MacFarland 1905)
2382	Discodoris heathi	MacFarland 1905
2383	Jorunna pardus	Behrens & Henderson 1981
2384	Peltodoris nobilis	(MacFarland 1905)
2385	Montereina nobilis	MacFarland 1905
2386	Anisodoris nobilis	of SCAMIT Ed 4
2387	Platydoris macfarlandi	Hanna 1951
2388	Rostanga pulchra	MacFarland 1905
2389	Thordisa bimaculata	Lance 1966
2390	Superfamily Phyllidioidea	
2391	Family Dendrodorididae	
2392	Dendrodoris behrensi	Millen & Bertsch 2005
2393	Dendrodoris sp 3	of Behrens 1991
	· · · · · · · · · · · · · · · · · · ·	
2394	Doriopsilla albopunctata	(Cooper 1863)
2395	Doris albopunctata	Cooper 1863
2396	Dendrodoris fulva	(MacFarland 1905)
2397	Doriopsis fulva	MacFarland 1905
2398	Doriopsis reticulata	Cockerell & Eliot 1905
2399	Doriopsilla gemela	Gosliner, Schaefer & Millen 1999
2400	Dendrodoris sp 1	of Behrens 1991
2401	Doriopsilla nigromaculata	(Cockerell in Cockerell & Eliot 1905)
2402	Doridopsis nigromaculata	Cockerell in Cockerell & Eliot 1905
2403	Doriopsilla rowena	Marcus & Marcus 1967
2404	Doriopsilla spaldingi	Valdés & Behrens 1998
2405	Superfamily Onchidoridoidea	,
2406		
	Family Onchidorididae	M E 1 11005
2407	Acanthodoris brunnea	MacFarland 1905
2408	Acanthodoris hudsoni	MacFarland 1905
2409	Acanthodoris lutea	MacFarland 1925
2410	Acanthodoris rhodoceras	Cockerell in Cockerell & Eliot 1905
2411	Diaphorodoris lirulatocauda	Millen 1985
2412	Onchidoris hystricina	
	· · · · · · · · · · · · · · · · · · ·	of authors NEP not (Bergh 1878)
2413	Onchidoris bilamellata	(Linnaeus 1767)
2414	Doris bilamellata	Linnaeus 1767
2415	Family Corambidae	
2416	Corambe pacifica	MacFarland & O'Donoghue 1929
2417	Corambe steinbergae	(Lance 1962)
2418	Doridella steinbergae	Lance 1962
2419	Loy thompsoni	(Millen & Nybakken 1991)
2420	Corambe thompsoni	Millen & Nybakken 1991
2421	Corambe sp 1	Behrens 1991
2422	Psammodoris thompsoni	of SCAMIT Ed 4
2423	Family Goniodorididae	
2424	Ancula gibbosa	(Risso 1818)
2425	<u> </u>	,
	Tritonia gibbosa	Risso 1818
2426	Ancula pacifica	MacFarland 1905
2427	Ancula lentiginosa	Farmer in Farmer & Sloan 1964
2428	Okenia angelensis	Lance 1966
2429	Okenia rosacea	(MacFarland 1905)
2430	Hopkinsia rosacea	MacFarland 1905
		(O'Donoghue 1921)
2431	Okenia vancouverensis	` "
2432	Idalia vancouverensis	O'Donoghue 1921
2433	Okenia sp A	Cadien 1982 §
2434	Superfamily Polyceroidea	
2435	Family Polyceridae	
2436	Subfamily Polycerinae	
2437	Limacia cockerelli	(MacFarland 1905)
		,
2438	Laila cockerelli	MacFarland 1905
2439	Polycera atra	MacFarland 1905
2440	Polycera hedgpethi	Marcus 1964
2441	Polycera tricolor	Robilliard 1971
2442	Subfamily Triophinae	<del></del>
2443	Holoplocamus sp	Gosliner 1996
2444	Triopha catalinae	(Cooper 1863)
2445	Triopa catalinae	Cooper 1863
2446	Triopha carpenteri	Stearns 1873
2447	Triopha elioti	O'Donoghue 1921
2448	Triopha modesta	Bergh 1880
	op.ia iilodobia	g <del></del>

2449	Triopha scrippsiana	Cockerell 1915
2450	Triopha maculata	MacFarland 1905
2451	Triopha aurantiaca	Cockerell 1908
2452	Triopha grandis	MacFarland 1905
2453	Family Aegiretidae	
2454	Aegires albopunctatus	MacFarland 1905
2455	Superfamily Arminoidea	
2456	Family Arminidae	(G 10(2)
2457	Armina californica	(Cooper 1863)
2458	Pleurophyllidia californica	Cooper 1863
2459 2460	Armina columbiana	O'Donoghue 1924 Pruvot-Fol 1955
2461	Armina digueti Armina sp A	SCAMIT 2000 §
2462	Pleurophyllidia vancouveriensis	Bergh 1876
2463	Superfamily Tritonoidea	Bolgii 1070
2464	Family Tritoniidae	
2465	Tochuina tetraquetra	(Pallas 1788)
2466	Limax tetraquetra	Pallas 1788
2467	Duvaucelia tetraquetra	of MacFarland 1966
2468	Sphaerostoma gigantea	of O'Donoghue 1926
2469	Sphaerostoma tetraquetra	of O'Donoghue 1924
2470	Tritonia gigantea	Bergh 1904
2471	Tritonia tetraquetra	of Bergh 1879
2472 2473	Tritoniopsilla tertaquetra	of Odhner 1936
2473 2474	Tritoniopsis aurantia <i>Tritonia diomedea</i>	Mattox 1955 Bergh 1894
2475	Duvaucelia gilberti	MacFarland 1966
2476	Sphaerostoma diomedea	of O'Donoghue 1924
2477	Tritonia exsulans	Bergh 1894
2478	Tritonia festiva	(Stearns 1873)
2479	Lateribranchaea festiva	Stearns 1873
2480	Duvaucelia festiva	of MacFarland 1966
2481	Sphaerostoma undulata	O'Donoghue 1924
2482	Tritonia reticulata	Bergh 1881
2483	Tritonia myrakeenae	Bertsch & Mozqueira 1986
2484	Family Dendronotidae	N. E. I. 11066
2485	Dendronotus albus	MacFarland 1966
2486 2487	Dendronotus diversicolor	Robilliard 1970 MacFarland 1966
2488	Dendronotus venustus Amphitrite frondosa	of authors NEP not Ascanius 1774
2489	Dendronotus iris	Cooper 1863
2490	Dendronotus giganteus	O'Donoghue 1921
2491	Dendronotus nanus	Marcus & Marcus 1967
2492	Dendronotus subramosus	MacFarland 1966
2493	Family Lomanotidae	
2494	Lomanotus sp	
2495	Family Tethyidae	
2496	Melibe leonina	(Gould 1852)
2497	Chioraera leonina	Gould 1852
2498	Superfamily unknown	
2499	Family Dironidae	MacFarland in Cockerell & Eliot 1905
2500 2501	Dirona picta Family Dotoidae	MacFalland in Cockelen & Ellot 1903
2502	Doto amvra	Er. Marcus 1961
2502	Doto umyru Doto ganda	Er. Marcus 1961
2504	Doto varians	MacFarland 1966 in part
2505	Doto wara	Er. Marcus 1961
2506	Doto columbiana	O'Donoghue 1921
2507	Doto kya	Er. Marcus 1961
2508	Doto varians	MacFarland 1966 in part
2509	Family Zephyrinidae	
2510	Janolus annulatus	Camacho-Garcia & Gosliner 2007
2511	Janolus sp 1	of Behrens 1991
2512	Janolus barbarensis	(Cooper 1863)
2513	Aolis barbarensis	Cooper 1863
2514 2515	Antiopella barbarensis Superfamily Flabellinoidea	of MacFarland 1966
2515 2516	Family Flabellinidae	
2517	Cumanotus fernaldi	Thompson & Brown 1984
2518	Cumanotus beaumonti	of Turgeon <i>et al</i> 1988
2519	Flabellina iodinea	(Cooper 1863)
2520	Aeolis (? Phidiana) iodinea	Cooper 1863
-		•

2521	Coryphella iodinea	of Williams & Gosliner 1978
2522	Coryphella sabulicola	Cowen & Laur 1978
2523	Flabellinopsis iodinea	of MacFarland 1966
2524	Flabellina pricei	(MacFarland 1966)
2525	Coryphella pricei	MacFarland 1966
2526	Flabellina trilineata	(O'Donoghue 1921)
2527		`
	Coryphella trilineata	O'Donoghue 1921
2528	Coryphella fisheri	MacFarland 1966
2529	Coryphella piunca	Er. Marcus 1961
2530	Superfamily Fionoidea	
2531	Family Eubranchidae	(A. f.: 11 . 10.40)
2532	Eubranchus rupium	(Möller 1842)
2533	Tergipes rupium	Möller 1842
2534	Eubranchus olivaceus	of Behrens 1980
2535	Galvina olivacea	O'Donoghue 1922
2536	Eubranchus rustyus	(Marcus 1961)
2537	Capellinia rustya	Marcus 1961
2538	Family Tergipedidae	
2539	Subfamily Cuthoninae	
2540	Catriona columbiana	(O'Donoghue 1922)
2541	Amphorina columbiana	O'Donoghue 1922
2542	Catriona alpha	of Behrens 1980
2543	Cratena spadix	MacFarland 1966
2544	Cuthona alpha	Baba & Hamatani 1963
2545	Cuthona abronia	(MacFarland 1966)
2546	Cratena abronia	MacFarland 1966
2547	Trinchesia abronia	of Behrens 1980
2548	Cuthona albocrusta	(MacFarland 1966)
2549	Cratena albocrusta	MacFarland 1966
2550	Trinchesia albocrusta	of Behrens 1980
2551	Cuthona divae	(Er. Marcus 1961)
2552	Precuthona divae	Er. Marcus 1961
2553	Cuthona lagunae	(O'Donoghue 1926)
2554	Hervia lagunae	O'Donoghue 1926
2555	Trinchesia lagunae	of Behrens 1980
2556	Superfamily Aeolidioidea	of Bernetio 1000
2557	Family Aeolidiidae	
2558	Aeolidia papillosa	(Linnaeus 1761)
2559	* *	Linnaeus 1761
2560	Limax papillosus Aeolidia farinacea	
2561	Aeolidiella chromosoma	(Stimpson 1854) (Cockerell & Eliot 1905)
2562		,
	Spurilla chromosoma	Cockerell & Eliot 1905
2563	Aeolidiella oliviae	MacFarland 1966
2564	Spurilla oliviae	of Behrens 1980
2565	Cerberilla mosslandica	McDonald & Nybakken 1975
2566	Cerberilla pungoarena	Collier & Farmer 1964
2567	Cerberilla sp 1	Behrens 1991
2568	Family Facelinidae	
2569	Subfamily Facelininae	(0.1.111001)
2570	Austraeolis stearnsi	(Cockerell 1901)
2571	Facelina stearnsi	Cockerell 1901
2572	Hermissenda crassicornis	(Eschscholtz 1831)
2573	Cavolina crassicornis	Eschscholtz 1831
2574	Flabellina opalescens	Cooper 1863
2575	Phidiana hiltoni	(O'Donoghue 1927)
2576	Facelina hiltoni	O'Donoghue 1927
2577	Phidiana pugnax	Lance 1962
2578	Subfamily Babakininae	
2579	Babakina festiva	(Roller 1972)
2580	Babaina festiva	Roller 1972
2581	Order Pulmonata	
2582	Suborder Eupulmonata	
2583	Superfamily Ellobioidea	
2584	Family Ellobiidae	
	Subfamily Melampinae	
2585		
2585 2586	Melampus olivaceus	Carpenter 1857
		Carpenter 1857
2586	Melampus olivaceus Superfamily Trimusculoidea	Carpenter 1857
2586 2587 2588	Melampus olivaceus Superfamily Trimusculoidea Family Trimusculidae	•
2586 2587 2588 2589	Melampus olivaceus Superfamily Trimusculoidea Family Trimusculidae Trimusculus reticulatus	(G. B. Sowerby I 1835)
2586 2587 2588 2589 2590	Melampus olivaceus Superfamily Trimusculoidea Family Trimusculidae Trimusculus reticulatus Mouretia reticulata	•
2586 2587 2588 2589	Melampus olivaceus Superfamily Trimusculoidea Family Trimusculidae Trimusculus reticulatus	(G. B. Sowerby I 1835)

2593	Williamia peltoides	(Carpenter 1864)
2594	Nacella peltoides	Carpenter 1864
2595	Liriola peltoidesvar vernalis	Dall 1878
2596	Williamia galapagana	Dall 1909
2597	Class Bivalvia	
2598 2599	Subclass Protobranchia Order Solemyida	
2600	Superfamily Solemyoidea	
2601	Family Solemyidae	
2602	Subfamily Acharacinae	
2603	Acharax johnsoni	(Dall 1891)
2604 2605	Solemya johnsoni	Dall 1891
2605	Subfamily Solemyinae Solemya pervernicosa	Kuroda 1948
2607	Solemya reidi	Bernard 1980
2608	Solemya panamensis	of authors NEP not Dall 1908
2609	Superfamily Manzanelloidea	
2610	Family Manzanellidae	(D. II 1000)
2611 2612	Huxleyia munita	(Dall 1898) Dall 1898
2613	Cyrilla munita Nucinella munita	(Dall 1898)
2614	Nucula petriola	Dall 1916
2615	Order Nuculida	
2616	Superfamily Nuculoidea	
2617	Family Nuculidae	
2618 2619	Subfamily Nuculinae  Acila castrensis	(Hinds 1843)
2620	Nucula castrensis	Hinds 1843
2621	Acila (Truncacila) beringiana	Slodkevisch 1967
2622	Nucula divaricata	of Conrad 1848 not Hinds 1843
2623	Nucula empirensis	Howe 1922
2624	Nucula Iyalli	W. Baird 1863
2625 2626	Ennucula tenuis Arca tenuis	(Montagu 1808) Montagu 1808
2627	Nucula bellotii	A. Adams 1856
2628	Nucula expansa	of Reeve 1855 not Brown 1848
2629	Nucula inflata	of Hancock 1846 not G. B. Sowerby I 1827
2630	Nucula quirica	Dall 1916
2631 2632	Nucula tenuis	of Bernard 1983 Whiteaves 1887
2633	Nucula tenuis Iucida Nucula (Ennucula) balboana	Herlein & Grant 1972
2634	Nucula (Leionucula) leptodonta	Bernard 1983
2635	Nucula carlottensis	Dall 1897
2636	Nucula keenae	Bernard 1983
2637 2638	Nucula takashii	Bernard 1983
2639	Order Nuculanida Family Nuculanidae	
2640	Subfamily Nuculaninae	
2641	Nuculana conceptionis	(Dall 1896)
2642	Leda conceptionis	Dall 1896
2643	Leda gomphoidea	Dall 1916 (Dall 1907)
2644 2645	Nuculana extenuata Leda extenuata	(Dall 1897) Dall 1897
2646	Nuculana hamata	(Carpenter 1864)
2647	Leda hamata	Carpenter 1864
2648	Nuculana limata	(Dall 1916)
2649	Nuculana (Thestyleda) hamata	of Hertlein & Strong 1940
2650	Nuculana penderi	(Dall & Bartsch 1910)
2651 2652	Leda penderi Nuculana acuta	Dall & Bartsch 1910 of authors not (Conrad 1832)
2653	Nuculana burchi	Willett 1944
2654	Nuculana oxia	Dall 1916
2655	Nuculana redondoensis	J. Burch 1944
2656	Nuculana taphria	(Dall 1896)
2657 2658	Leda taphria Nuculana caelata	Dall 1896
2659	Nuculana caelata Nuculana sp A	of (Hinds 1843) not (Conrad 1833) SCAMIT 2006 §
2660	Nuculana elenensis	of authors NEP not G. B. Sowerby I in Broderip & Sowerby
2661	Subfamily Ledellinae	1033
2662	Ledella sp	
2663	Family Malletiidae  Malletia faba	Dall 1807
2664	Malletia faba	Dall 1897

	16.11	D II 1005
2665	Malletia pacifica	Dall 1897
2666	Family Neilonellidae	
2667	Neilonella mexicana	(Dall 1908)
2668	Tindaria mexicana	Dall 1908
2669	Neilonella ritteri	(Dall 1916)
2670	Tinaria ritteri	Dall 1916
2671	Tindaria californica	Dall 1916
2672	Family Yoldiidae	
2673	Subfamily Yoldiinae	
2674	Yoldia cooperii	Gabb 1865
2675	Yoldia seminuda	Dall 1871
2676	Nucula arctica	of Broderip & G. B. Sowerby I 1829 not J. E. Gray 1824
2677	Yoldia ensifera	Dall 1897
2678	Yoldia ensifera plena	Dall 1908
2679	Yoldia scissurata	Dall 1897
		Dall 1925
2680	Yoldia (Cnesterium) excavata	
2681	Yoldia (Cnesterium) strigata	Dall 1909
2682	Subfamily Yoldiellinae	0.6.0 10.00
2683	Yoldiella nana	(M. Sars 1865)
2684	Yoldia nana	M. Sars 1865
2685	<i>Yoldiella</i> sp A	Coan, Valentich Scott & Bernard 2000
2686	Family Tindariidae	
2687	<i>Tindaria</i> sp	
2688	Subclass Autobranchia	
2689	Superorder Pteriomorphia	
2690	Order Arcida	
2691	Superfamily Arcoidea	
2692	Family Arcidae	
2693	Subfamily Anadarinae	
2694	Anadara multicostata	(G. B. Sowerby I 1833)
2695	Arca multicostata	G. B. Sowerby I 1833
2696	Family Glycymerididae	G. B. Sowerby 1 1033
2697	Subfamily Glycymeridinae	
2698	Glycymeris septentrionalis	(Middendorff 1849)
2699		,
	Pectunculus septentrionalis	Middendorff 1849
2700	Axinaea (? Septentrionalis) subobsoleta	Carpenter 1864
2701	Glycymeris guadalupensis	A. M. Strong 1938
2702	Glycymeris (Axinola) septentrionalis	of Coan & Scott 1997
2703	Superfamily Limopsoidea	
2704	Family Limopsidae	
2705	Limopsis panamensis	Dall 1902
2706	Family Philobryidae	
2707	Philobrya setosa	(Carpenter 1864)
2708	Bryophila setosa	Carpenter 1864
2709	Order Mytilida	•
2710	Superfamily Mytiloidea	
2711	Family Mytilidae	
2712	Subfamily Mytilinae	
2713	Brachidontes adamsianus	(Dunker 1857)
2714		
2714	Mytilus adamsianus Mytilus californianus	Dunker 1857 Conrad 1837
2716	Mytilus Ediffornianus Mytilus galloprovincialis	Lamarck 1819
		Editiater 1017
2717	Subfamily Crenellinae Crenella decussata	(Montagu 1909)
2718		(Montagu 1808)
2719	Mytilus decussatus	Montagu 1808
2720	Crenella decussata laticostata	Scarlato 1960
2721	Crenella divaricata	of authors NEP not Orbigny 1847
2722	Crenella ecuadoriana	Pilsbry & Olsson 1941
2723	Crenella ? inflata	of Carpenter 1864
2724	Crenella yokoyamai	Nomura 1932
2725	Gregariella coarctata	(Carpenter 1857)
2726	Crenella coarctata	Carpenter 1857
2727	Gregariella chenui	of authors not (Récluz 1842)
2728	Gregariella coralliophaga	of authors not (Gmelin 1791)
2729	Modiolaria denticulata	Dall 1871
2730	Musculista senhousia	(Benson in Cantor 1842)
2730	Modiola senhousia	Benson in Cantor 1842
2732		
	Modiola bellardina	Tapparone-Canefri 1874
2733	Musculus senhousei	of Cadien 1980
2734	Musculus pygmaeus	Glynn 1964
2735	Solamen columbianum	(Dall 1897)
2736	Crenella columbiana	Dall 1897

2737	Crenella rotundata	Dall 1916
2738	Crenella tamurai	Habe 1955
2739	Megacrenella columbiana	of Bernard 1983
2740	Rhomboidella columbiana	of Abbott 1974
2741	Subfamily Dacrydiinae	D 11 101 (
2742 2743	Dacrydium pacificum	Dall 1916
2743 2744	Subfamily Lithophaginae  Adula diegensis	(Dall 1911)
2745	Modiolus diegensis	Dall 1911
2746	Adula gruneri	(R. A. Philippi 1851)
2747	Modiola (Lithophagus) pruneri	R.A. Philippi 1851
2748	Lithophaga aristata	(Dillwyn 1817)
2749	Mytilus aristatus	Dillwyn 1817
2750	Lithophaga plumula	(Hanley 1844)
2751	Lithodomus plumula	Hanley 1844
2752	Lithophaga plumula kelseyi	Hertlein & Strong 1946
2753	Lithophaga subula	of Soot-Ryen 1955 not (Reeve 1857)
2754 2755	Subfamily Modiolinae Amygdalum politum	(Verrill & Smith in Verrill 1880)
2756	Amygaatam potitam Modiola polita	Verrill & Smith in Verrill 1880
2757	Amygdalum pallidulum	of Soot-Ryen 1955
2758	Modiola lutea	of P. H. Fischer 1882
2759	Modiolus pallidulus	Dall 1916
2760	Mytilus luteus	Jeffreys 1880
2761	Geukensia demissa	(Dilwyn 1817)
2762	Mytilus demissus	Dilwyn 1817
2763	Modiola plicatula	Lamarck 1819
2764 2765	Modiola semicostata	Conrad 1837
2766	<i>Modiolus capax</i> Modiola capax	(Conrad 1837) Conrad 1837
2767	Volsella capax	of Grant & Gale 1931
2768	Modiolus modiolus	(Linnaeus 1758)
2769	Mytilus modiolus	Linnaeus 1758
2770	Modiolus neglectus	Soot-Ryen 1955
2771	Volsella rectus	of authors not Conrad 1837
2772	Modiolus rectus	(Conrad 1837)
2773	Modiola recta	Conrad 1837
2774	Modiolus flabellatus	Gould 1850
2775 2776	Volsella recta  Modialus sacculifor	of Grant & Gale 1931
2777	Modiolus sacculifer  Volsella sacculifer	(Berry 1953) Berry 1953
2778	Subfamily Septiferinae	Berry 1999
2779	Septifer bifurcatus	(Conrad 1837)
2780	Mytilus bifurcatus	Conrad 1837
2781	Order Pteriida	
2782	Superfamily Pterioidea	
2783	Family Pteriidae	(C. 11.1051)
2784	Pteria sterna	(Gould 1851)
2785 2786	Avicula sterna Superfamily Pinnoidea	Gould 1851
2787	Family Pinnidae	
2788	Atrina oldroydi	Dall 1901
2789	Order Limida	
2790	Superfamily Limoidea	
2791	Family Limidae	
2792	Subfamily Liminae	ar 1
2793	Limaria hemphilli	(Hertlein & Strong 1946)
2794 2795	Lima (Limaria) hemphilli	Hertlein & Strong 1946
2795 2796	Lima dehiscens  Subfamily Limatulinae	Conrad 1837
2797	Limatula saturna	Bernard 1978
2798	Limatula californica	Bernard 1988
2799	Limatula macleani	Bernard 1988
2800	Limatula subauriculata	of authors NEP not (Montagu 1808)
2801	Order Ostreida	,
2802	Superfamily Ostreoidea	
2803	Family Ostreidae	
2804	Subfamily Ostreinae	
2805	Tribe Ostreini	(Corporter 1964)
2806 2807	<i>Conchophylla lurida</i> Ostrea lurida	(Carpenter 1864) Carpenter 1864
2808	Ostrea lunda Ostrea conchaphila	Carpenter 1857
_000	osn wew conenapiuu	carpointed 1007

2809	Superfamily Pectinoidea	
2810	Family Pectinidae	
2811	Subfamily Pectininae	
2812	Tribe Pectinini	(D. 11.1000)
2813	Euvola diegensis	(Dall 1898)
2814	Pecten (Pecten) diegensis	Dall 1898
2815	Janira florida	of Cooper 1888
2816	Pecten diegoensis	of Keep 1904
2817	Pecter floridus	of Hinds 1845 not (Gmelin 1791)
2818 2819	Pecter (Janira) floridus	of Williamson 1892
2820	Pecten (Janira) stearnsii var diegensis Pecten (Vola) floridus	of Grant & Gale 1931 of Kobelt 1887
2821	Subfamily Camptonotinae	Of Robert 1867
2822	Delectopecten vancouverensis	(Whiteaves 1893)
2823	Pecten (Pseudamussium) vancouverensis	Whiteaves 1893
2824	Cyclopecten argenteus	Bernard 1978
2825	Cyclopecten (Delectopecten) vancouverensis	of Grau 1959
2826	Pecten randolphi	Dall 1897
2827	Pecten (Delectopecten) vancouverensis	of J. Burch 1944
2828	Pecten (Pseudamussium) alaskense	of Dall 1921
2829	Pecten (Pseudamussium) arces	Dall 1913
2830	Pecten (Pseudamusium) pedroanus var	of Grant & Gale 1931 in part
2831	Subfamily Chlamydinae	
2832	Argopecten ventricosus	(G. B. Sowerby II 1842)
2833	Pecten ventricosus	G. B. Sowerby II 1842
2834	Aequipecten (Plagioctenium) circularis	of Keen 1958
2835	Argopecten circularis	of Bernard 1983 not (Sowerby 1835)
2836	Chlamys ventricosus	of Tomlin 1928
2837	Chlamys (Aequipecten) ventricosa	of Lamy 1909
2838	Chlamys (Plagioctenium) ventricosum	of Bavay 1936
2839	Pecten inca	d'Orbigny 1846
2840	Pecten fililextus	Li 1930
2841	Pecten filitextus	of Pilsbry 1932
2842	Pecten tumidus	of G. B. Sowerby I 1835 not (Turton 1819)
2843	Pecten (Aequipecten) gibbus var circularis	of Grant & Gale 1931 in part
2844	Pecten (Argus) circularis	of Mörch 1861
2845	Pecten (Argus) ventricosus	of Mörch 1861
2846	Pecten (Chlamys) circularis	of Dall 1921
2847 2848	Pecter (Dentipecter) circularis	of Kobelt 1887
2849	Pecten (Plagioctenium) ventricosus  Chlamys hastata	of Dall 1898
2850	Pecten hastatus	(G. B. Sowerby II 1842) G. B. Sowerby II 1842
2851	Chlamys hericeus	of authors not (Gould 1850)
2852	Chlamys hericius	(Gould 1850)
2853	Pecten altiplectus	Conrad 1857
2854	Pecten altiplicatus	Conrad 1857
2855	Pecten islandicus pugetensis	I. Oldroyd 1920
2856	Pecten denticulatus	A. Adams & Reeve 1848
2857	Pecten rastellinum	Valenciennes 1846
2858	Pecten (Chlamys) hastatus	of Arnold 1903
2859	Crassadoma gigantea	(J. E. Gray 1825)
2860	Lima gigantea	J. E. Gray 1825
2861	Chlamys (Hinnites) gigantea	of Bernard 1983
2862	Hinnita giganteus	of Gray 1826
2863	Hinnita poulsoni	Conrad 1834
2864	Hinnites giganteus	of Cadien 1980
2865	Hinnites multirugosus	of Fitch 1953
2866	Pecten (Chlamys) multirugosus	Gale 1928
2867	Pecten (Pecten) multirugosus	of Grant & Gale 1931
2868	Leptopecten latiauratus	(Conrad 1837)
2869	Pecten latiauratus	Conrad 1837
2870	Pecten latiauritus	of authors not Conrad 1837
2871	Pecten monotimeris	Conrad 1837
2872	Pecten (Aequipecten) latiauratus	of Grant & Gale 1931
2873	Pecter (Chlamys) latiauritus var delosi	Arnold 1906
2874	Pecter (Leptopecten) latiauratus	of Hertlein 1935
2875	Pecten (Plagioctenium) latiauritum	of Bavay 1936
2876	Family Propeamussiidae	Cray 1050
2877	Cyclopecten benthalis	Grau 1959
2878 2879	Cyclopecten catalinensis	(Willett 1931)
2879 2880	Pecten (Cyclopecten) catalinensis	Willett 1931 Grau 1959
2000	Cyclopecten zephyrus	Giau 1737

2881	Superfamily Anomioidea	
2882	Family Anomiidae	
2883	Anomia peruviana	d'Orbigny 1846
2884	Anomia alectus	Gray 1850
2885	Anomia hamillus	Gray 1850
2886	Anomia lampe	Gray 1850
2887	Anomia larbas	Gray 1850
2888	Anomia limatula	Dall 1878
2889	Anomia pacilis	Gray 1850
2890	Calyptraea aberrans	C. B. Adams 1852
2891	Pododesmus macrochisma	(Deshayes 1839)
2892	Anomia macrochisma	Deshayes 1839
2893	Pododesmus cepio	(J. E. Gray 1850)
2894	Pododesmus (Monia) macrochisma	of Hertlein & Grant 1972
2895 2896	Subclass Heterodonta Superorder Archiheterodonta	
2897	Order Carditida	
2898	Superfamily Crassatelloidea	
2899	Family Crassatellidae	
2900	Subfamily Crassitellinae	
2901	Eucrassatella fluctuata	(Carpenter 1864)
2902	Astarte fluctuata	Carpenter 1864
2903	Crassatellites Iomitensis	I. S. Oldroyd 1924
2904	Superfamily Carditoidea	1. O. Oldroyd 1024
2905	Family Carditidae	
2906	Subfamily Venericardiinae	
2907	Cyclocardia barbarensis	(Stearns 1890)
2908	Venericardia barbarensis	Stearns 1890
2909	Cyclocardia crassidens	(Broderip & G. B. Sowerby I 1829)
2910	Astarte crassidens	Broderip & G. B. Sowerby I 1829
2911	Venericardia crassidens	of Dall 1903
2912	Cyclocardia crebricostata	(Krause 1885)
2913	Cardita borealis crebricostata	Krause 1885
2914	Venericardia alaskana	Dall 1903
2915	Cyclocardia gouldii	(Dall 1903)
2916	Venericardia (Cyclocardia) (ventricosa var ?) gouldii	Dall 1903
2917	Cyclocardia ventricosa	(Gould 1850)
2918	Cardita ventricosa	Gould 1850
2919	Cardita ventricosa redondoensis	T. Burch in J. Burch 1944
2920	Cardita ventricosa montereyensis	Smith & Gordon 1948
2921	Venericardia ventricosa	of I. Oldroyd 1924
2922	Venericardia (Cyclocardia) stearnsii	Dall 1903
2923	Glans carpenteri	(Lamy 1922)
2924	Cardita (Carditamera) carpenteri	Lamy 1922
2925	Lazaria subquadrata	Carpenter 1864 non Cardita subquadrata Conrad 1848
2926	Subfamily Thecaliinae	D-II 1016
2927 2928	Milneria kelseyi Superorder Euheterodonta	Dall 1916
2929	Order Lucinida	
2930	Superfamily Lucinoidea	
2931	Family Lucinidae	
2932	Subfamily Lucininae	
2933	Epilucina californica	(Conrad 1837)
2934	Lucina californica	Conrad 1837
2935	Codakia californica	of Abbott 1954
2936	Phacoides californica	of Keep 1911
2937	Lucinisca nuttalli	(Conrad 1837)
2938	Lucina nuttalli	Conrad 1837
2939	Phacoides nuttallii	of Oldroyd 1924
2940	Lucina (Myrtea) nuttallii	of Grant & Gale 1931
2941	Parvilucina tenuisculpta	(Carpenter 1864)
2942	Lucina tenuisculpta	Carpenter 1864
2943	Lucina (Myrtea) tenuisculpta	of Grant & Gale 1931
2944	Lucina (Parvilucina) tenuisculpta	of Palmer 1958
2945	Phacoides tenuisculptus	of Packard 1918
2946	Phacoides (Parvilucina) approximata	Dall 1901
2947	Phacoides (Parvilucina) tenuisculpta	of Dall 1901
2948	Subfamily Myrteinae	(2
2949	Lucinoma aequizonatum	(Stearns 1890)
2950	Lucina aequizonata	Stearns 1890
2951	Lucinoma annulatum	(Reeve 1850)
2952	Lucina annulata	Reeve 1850

2953	Erycina balliana	Dall 1916
2954	Lucina borealis	of Dall 1874 not Linnaeus 1767
2955		of Grant & Gale 1931 not Conrad 1849
2956	Lucina (Myrtea) acutilineata	
2957	Phacoides annulata	(Reeve 1850)
	Superfamily Thyasiroidea	
2958	Family Thyasiridae	Down: 1047
2959	Adontorhina cyclia	Berry 1947
2960	Genaxinus filatovae	M. B. Ivanova & Moskalets 1984
2961	Adontorhina lynnae	Valentich Scott 2000
2962	Adontorhina sphaericosa	Scott 1986
2963	Axinodon redondoensis	(T. Burch 1941)
2964	Aligena redondoensis	T. Burch 1941
2965	Axinulus redondoensis	of Bernard 1983
2966	Tomburchus redondoensis	of Harry 1969
2967	Axinopsida serricata	(Carpenter 1864)
2968	Cryptodon serricatus	Carpenter 1864
2969	Axinopsis serricatus	of I. Oldroyd 1924
2970	Axinopsis viridis	Dall 1901
2971	Thyasira flexuosa	(Montagu 1803)
2972	Tellina flexuosa	Montagu 1803
2973	Cryptodon barbarensis	Dall 1890
2974	Lucina gouldii	Philippi 1845
2975	Thyasira barbarensis	• •
2976	•	of Bernard 1983
	Thyasira cygnus	Dall 1916
2977	Thyasira gouldii	of Bernard 1983
2978	Thyasira trisinuata	of authors not d'Orbigny in Sagra 1853
2979	Thyasiridae sp LA1	Cadien 1999 §
2980	Order Venerida	
2981	Superfamily Galeommatoidea	
2982	Family Galeommatidae	
2983	Divariscintilla sp A	Scott 1998
2984	Galeommatidae sp A	Cadien 1982 §
2985	"Galeomma" new species	of Coan & Scott 1997
2986	Scintillona bellerophon	O'Foighil & Gibson 1984
2987	Family Lasaeidae	<u> </u>
2988	Cymatioa electilis	(Berry 1963)
2989	Crenimargo electilis	Berry 1963
2990	Isorobitella trigonalis	(Carpenter 1857)
2991	Lasea trigonalis	Carpenter 1857
2992	Aligena cerritensis	Arnold 1903
2993		0.5
2993	Kellia suborbicularis	(Montagu 1803)
	Mya suborbicularis	Montagu 1803
2995	Erycina santarosae	Dall 1916
2996	Kellia laperousii	(Deshayes 1839)
2997	Kellia rotundata	Carpenter 1864
2998	Lepton meroeum	Carpenter 1864
2999	Platomysia meroeum	of Bernard 1983
3000	Rhamphidonta sp A	Cadien 1993 §
3001	Lasaea adansoni	(Gmelin 1791)
3002	Tellina adansoni	Gmelin 1791
3003	Lasaea cistula	Keen 1938
3004	Lasaea rubra	(Montagu 1803)
3005	Lasaea subviridis	Dall 1899
3006	Mysella pedroana	Dall 1899
3007	Rochefortia pedroana	(Dall 1899)
3008	Mysella ferruginosa	Dall 1916
3009	Mysella golischi	Dall 1916
3010	Rochefortia ferruginosa	of I. Oldroyd 1927
3011	Rochefortia golischi	of I. Oldroyd 1927
	•	SCAMIT 1988 §
3012	Mysella sp C	ů.
3013	Mysella sp E	SCAMIT 1988 §
3014	Mysella sp H	SCAMIT 2001 §
3015	Neaeromya compressa	(Dall 1899)
3016	Erycina compressa	Dall 1899
3017	Neaeromya rugifera	(Carpenter 1864)
3018	Pythina rugifera	Carpenter 1864
3019	Erycina (Pseudopythina) rugifera	of Dall 1899
3020	Pseudopythina compressa	of I. Oldroyd 1924 not (Dall 1899)
3021	Pseudopythina myaciformis	Dall 1916
3022	Pseudopythina rugifera	of I. Oldroyd 1924
3023	Neaeromya stearnsii	(Dall 1899)
3024	Sportella stearnsii	Dall 1899
	-p	

3025	Orobitella californica	(Dall 1899)
	v	
3026	Sportella californica	Dall 1899
3027	Erycina bakeri	Dall 1916
3028	Erycina coronata	Dall 1916
3029	Orobitella bakeri	of Bernard 1983
3030	Rhamphidonta retifera	(Dall 1899)
3031	Bornia retifera	Dall 1899
3032		
	Rochefortia coani	Scott 1998
3033	Mysella sp A	SCAMIT 1988 §
3034	Rochefortia sp A	of SCAMIT Ed 3
3035	Rochefortia compressa	Dall 1913
3036	Mysella sp D	SCAMIT 1988 §
3037	Rochefortia grippi	Dall 1912
3038	Mysella grippi	of Cadien 1980
3039		Scott 1998
	Rochefortia mortoni	
3040	Mysella sp B	SCAMIT 1988 §
3041	Rochefortia sp B	of SCAMIT Ed 3
3042	Rochefortia tumida	(Carpenter 1864)
3043	Tellimya tumida	Carpenter 1864
3044	Mysella aleutica	Dall 1899
3045	Mysella tumida	of Bernard 1983
	· · · · · · · · · · · · · · · · · · ·	
3046	Rochefortia aleutica	of I. Oldroyd 1927
3047	Rochefortia sp LA1	Power 2004 §
3048	Superfamily Cyamioidea	
3049	Family Neoleptonidae	
3050	Neolepton salmoneum	(Carpenter 1864)
3051	Psephis salmonea	Carpenter 1864
3052	Crassatella marginata	Keep 1887
	•	•
3053	Halodakra brunnea	(Dall 1916)
3054	Halodakra salmonea	of SCAMIT Ed 3
3055	Neolepton salmonea	of SCAMIT Ed 5
3056	Psephidia salmonea	of I. Oldroyd 1924
3057	Neolepton subtrigona	(Carpenter 1857)
3058	Circe subtrigona	Carpenter 1857
3059	· · · · · · · · · · · · · · · · · · ·	•
	Halodakra subtrigona	of SCAMIT Ed 3
3060	Psephis tellimyalis	Carpenter 1864
3061	Superfamily Glossoidea	
3062	Family Vesicomyidae	
3063	Vesicomya elongata	(Dall 1916)
3064	Calyptogena elongata	Dall 1916
3065	Vesicomya lepta	(Dall 1896)
3066	Callocardia lepta	Dall 1896
	•	Dali 1090
3067	Superfamily Cardioidea	
3068	Family Cardiidae	
3069	Subfamily Clinocardiinae	
3070	Clinocardium nuttallii	(Conrad 1837)
3071	Cardium nuttallii	Conrad 1837
3072	Cardium corbis	Martyn 1784
3073	Subfamily Franginae	Waityii 1704
		(Duradamin & C. D. Carranhar I 1920)
3074	Americardia biangulata	(Broderip & G. B. Sowerby I 1829)
3075	Cardium biangulatum	Broderip & G. B. Sowerby I 1829
3076	Subfamily Laevicardiinae	
3077	Laevicardium substriatum	(Conrad 1837)
3078	Cardium substriatum	Conrad 1837
3079	Cardium apicinum	Carpenter 1864
3080	Cardium cruentatum	Gould 1855
3081	Laevicardium pedernalense	Pilsbry & Olsson 1941
3082	Nemocardium centifilosum	(Carpenter 1864)
3083	Cardium ? modestum var centifilosum	Carpenter 1864
3084	Cardium richardsoni	Whiteaves 1878
3085	Cardium (Nemocardium) centifilosum	of Hertlein & Strong 1947
3086	Cardium (Protocardia) centifilosum	of Packard 1918
3087	Laevicardium (Nemocardium) centifilosum	of Grant & Gale 1931
	` '	
3088	Nemocardium (Keenaea) centifilosum	of Keen 1954
3089	Pratulum (?) centifilosum	of Woodring, Bramlette & Kew 1946
3090	Protocardia centifilosa	of I. Oldroyd 1924
3091	Subfamily Trachycardiinae	
3092	Trachycardium quadragenarium	(Conrad 1837)
3093	Cardium quadragenarium	Conrad 1837
3094	, ,	Jonius 1001
	Superfamily Tellinoidea	
3095	Family Tellinidae	
3096	Subfamily Tellininae	

3097	Tellina bodegensis	Hinds 1845
3098	Tellina santarosae	Dall 1900
3099	Tellina (Peronidia) bodegensis	of Coan 1971
3100	Tellina cadieni	Valentich Scott & Coan 2000
3101	Tellina carpenteri	of authors SCB in part not Dall 1900
3102	Tellina carpenteri	Dall 1900
3103	Tellina (Angulus) carpenteri	Dall 1900
3104	Angulus variegatus	Carpenter 1864 not (Gmelin 1791)
3105	Tellina (Moerella) arenica	Hertlein & Strong 1949
3106	Tellina sp A	SCAMIT 1995 §
3107	Tellina idae	Dall 1891
3108	Tellina (Tellinella) idae	of Coan 1971
3109	Tellina meropsis	Dall 1900
3110	Tellina (Moerella) meropsis	Dall 1900
3111	Angulus gouldii	of Carpenter 1864 not Hanley 1846
3112	Tellina (Angulus) meropsis	of Coan 1971
3113	Tellina (Moerella) paziana	Dall 1900
3114	Tellina modesta	(Carpenter 1864)
3115	Angulus modestus	Carpenter 1864
3116	Maera modesta	of Cooper 1867
3117	Tellina buttoni	of Packard 1918
3118	Tellina (Angulus) modesta	of Tryon 1869
3119	, <b>,</b> ,	,
3120	Tellina (Angulus) modestus	of Coan 1971
	Tellina (Oudardia) buttoni	Dall 1900
3121	Tellina (Oudardia) modesta	of Keen 1937
3122	Tellina nuculoides	(Reeve 1854)
3123	Donax nuculoides	Reeve 1854
3124	Maera salmonea	Carpenter 1864
3125	Tellina (Cadella) nuculoides	of Coan 1971
3126	Tellina (Cadella) salmonea	of Hertlein & Grant 1972
3127	Tellina sp B	SCAMIT 1995 §
3128	Tellina carpenteri	of authors SCB in part not Dall 1900
3129	Subfamily Macominae	
3130	Leporimetis obesa	(Deshayes 1855)
3131	Tellina obesa	Deshayes 1855
3132	Apolymetis biangulata	of Grant & Gale 1931
3133	Florimetis biangulata	of Hertlein & Grant 1972
3134	Florimetis obesa	of McLean 1969
3135	Metis alta	of I. Oldroyd 1924
3136	Psammotreta obesa	of Abbott 1974
3137	Scrobicularia biangulata	Carpenter 1856
3138	Tellina alta	of Conrad 1837 not Conrad 1833
3139	Tellina turgida	Deshayes 1855
3140	Macoma carlottensis	Whiteaves 1880
3141	Macoma inflatula	Dall 1897
3142	Macoma leptonoidea	Dall 1895
3143	Macoma quadrana	Dall 1916
3144	Macoma (? Psammacoma) carlottensis	of Coan 1971
3145	Macoma indentata	Carpenter 1864
3146	Macoma indentata tenuirostris	Dall 1900
3147	Macoma (Rexithaerus) indentata	of Coan 1971
3148	Macoma (Rexithaerus) rickettsi	Steinbeck & Ricketts 1941
3149	Macoma nasuta	(Conrad 1837)
3150	Tellina nasuta	Conrad 1837
3151	Macoma kelseyi	Dall 1900
3152	Tellina tersa	Gould 1853
3153	Macoma secta	(Conrad 1837)
3154	Tellina secta	Conrad 1837
3155	Macoma (Rexithaerus) secta	of Coan 1971
3156	Tellina ligamentina	Deshayes 1843
3157	Macoma yoldiformis	Carpenter 1864
	2 0	1
3158 3159	Macoma (Psammacoma) yoldiformis	of Coan 1971
	Family Donacidae	Dall 1021
3160 3161	Donax gouldii	Dall 1921
3161	Family Psammobildae	(Conrad 1940)
3162	Gari californica	(Conrad 1849)
3163	Psammobia californica	Conrad 1849
3164	Gari (Gobraeus) californica	of Palmer 1958
3165	Psammobia kazusensis	Yokoyama 1922
3166	Sanguinolaria rubroradiata	Carpenter 1857
3167	Gari fucata	(Hinds 1845)
3168	Tellina fucata	Hinds 1845

3169	Gari edentula	of Fitch 1953
3170	Gobraeus endentulus	of Hertlein & Grant 1972
3171	Psammobia edentula	of I. Oldroyd 1924
3172	Psammobia (Gobraeus) edentula	of Dall 1925
3173	Siliquaria edentula	Gabb 1869
3174	Heterodonax pacificus	(Conrad 1837)
3175	Psammobia pacifica	Conrad 1837
3176	Nuttallia nuttallii	(Conrad 1837)
3177	Sanguinolaria nuttallii	Conrad 1837
	· · · · · · · · · · · · · · · · · · ·	
3178	Psammobia decora	Hinds 1842
3179	Sanguinolaria grandis	Carpenter 1857
3180	Sanguinolaria orcutti	Dall 1921
3181	Family Semelidae	
3182	Cumingia californica	Conrad 1837
3183	Cumingia densilineata	Dall 1921
3184	Cumingia lamellosa	of authors not G. B. Sowerby I 1833
3185	Semele decisa	(Conrad 1837)
3186	Amphidesma decisum	Conrad 1837
3187	Amphidesma rubrolineatum	Conrad 1837
	·	
3188	Semele rubrotincta	Carpenter 1857
3189	Semele rubropicta	Dall 1871
3190	Semele ashleyi	Hertlein & Grant 1972
3191	Semele venusta	(Reeve 1853)
3192	Amphidesma venusta	Reeve 1853
	·	
3193	Semele incongrua	Carpenter 1864
3194	Semele pulchra var montereyi	Arnold 1903
3195	Theora lubrica	Gould 1861
3196	Family Solecurtidae	
3197	Solecurtus guaymasensis	(Lowe 1935)
	ũ ,	
3198	Psammosolen guaymasensis	Lowe 1935
3199	Tagelus affinis	(C. B. Adams 1852)
3200	Solecurtus affinis	C. B. Adams 1852
3201	Tagelus (Tagelus) irregularis	Olsson 1961
3202	Tagelus californianus	
	· · · · · · · · · · · · · · · · · · ·	(Conrad 1837)
3203	Solecurtus (Cultellus) californiensis	Conrad 1837
3204	Tagelus subteres	(Conrad 1837)
3205	Solecurtus (Cultellus) subteres	Conrad 1837
3206	Superfamily Solenoidea	
3207	Family Solenidae	
	•	D -1 1062
3208	Solen rostriformis	Dunker 1862
3209	Solen rosaceus	of McLean 1969
3210	Solen sicarius rosaceus	Carpenter 1864
3211	Solen sicarius	Gould 1850
3212	Family Pharidae	Could Topo
	<u>-</u>	D 1052
3213	Ensis myrae	Berry 1953
3214	Ensis californicus	of authors not Dall 1899 in part
3215	Siliqua lucida	(Conrad 1837)
3216	Solecurtus lucidus	O 1007
3217		Conrad 1837
3217		Conrad 1837
2040	Superfamily Hiatelloidea	Conrad 1837
3218	Family Hiatellidae	
3219	· · ·	(Linnaeus 1767)
	Family Hiatellidae	
3219 3220	Family Hiatellidae Hiatella arctica Mya arctica	(Linnaeus 1767) Linnaeus 1767
3219 3220 3221	Family Hiatellidae  Hiatella arctica  Mya arctica  Didonta bicarinata	(Linnaeus 1767) Linnaeus 1767 Schumacher 1817
3219 3220 3221 3222	Family Hiatellidae  Hiatella arctica  Mya arctica  Didonta bicarinata  Hiatella biaperta	(Linnaeus 1767) Linnaeus 1767 Schumacher 1817 Bosc 1801
3219 3220 3221 3222 3223	Family Hiatellidae  Hiatella arctica  Mya arctica  Didonta bicarinata  Hiatella biaperta  Hiatella monoptera	(Linnaeus 1767) Linnaeus 1767 Schumacher 1817 Bosc 1801 Bosc 1801
3219 3220 3221 3222	Family Hiatellidae  Hiatella arctica  Mya arctica  Didonta bicarinata  Hiatella biaperta	(Linnaeus 1767) Linnaeus 1767 Schumacher 1817 Bosc 1801
3219 3220 3221 3222 3223	Family Hiatellidae  Hiatella arctica  Mya arctica  Didonta bicarinata  Hiatella biaperta  Hiatella monoptera	(Linnaeus 1767) Linnaeus 1767 Schumacher 1817 Bosc 1801 Bosc 1801
3219 3220 3221 3222 3223 3224 3225	Family Hiatellidae  Hiatella arctica  Mya arctica  Didonta bicarinata  Hiatella biaperta  Hiatella monoptera  Saxicava arctica  Saxicava orientalis	(Linnaeus 1767) Linnaeus 1767 Schumacher 1817 Bosc 1801 Bosc 1801 of I. Oldroyd 1924 Yokoyama 1920
3219 3220 3221 3222 3223 3224 3225 3226	Family Hiatellidae Hiatella arctica Mya arctica Didonta bicarinata Hiatella biaperta Hiatella monoptera Saxicava arctica Saxicava orientalis Saxicava sakhalinensis	(Linnaeus 1767) Linnaeus 1767 Schumacher 1817 Bosc 1801 Bosc 1801 of I. Oldroyd 1924 Yokoyama 1920 Takeda 1953
3219 3220 3221 3222 3223 3224 3225 3226 3227	Family Hiatellidae  Hiatella arctica  Mya arctica  Didonta bicarinata  Hiatella biaperta  Hiatella monoptera  Saxicava arctica  Saxicava orientalis  Saxicava sakhalinensis  Petricola awana	(Linnaeus 1767) Linnaeus 1767 Schumacher 1817 Bosc 1801 Bosc 1801 of I. Oldroyd 1924 Yokoyama 1920 Takeda 1953 Yokoyama 1924
3219 3220 3221 3222 3223 3224 3225 3226 3227 3228	Family Hiatellidae  Hiatella arctica  Mya arctica  Didonta bicarinata  Hiatella biaperta  Hiatella monoptera  Saxicava arctica  Saxicava orientalis  Saxicava sakhalinensis  Petricola awana  Solen minutus	(Linnaeus 1767) Linnaeus 1767 Schumacher 1817 Bosc 1801 Bosc 1801 of I. Oldroyd 1924 Yokoyama 1920 Takeda 1953 Yokoyama 1924 of Gmelin 1782
3219 3220 3221 3222 3223 3224 3225 3226 3227 3228 3229	Family Hiatellidae  Hiatella arctica  Mya arctica  Didonta bicarinata  Hiatella biaperta  Hiatella monoptera  Saxicava arctica  Saxicava orientalis  Saxicava sakhalinensis  Petricola awana	(Linnaeus 1767) Linnaeus 1767 Schumacher 1817 Bosc 1801 Bosc 1801 of I. Oldroyd 1924 Yokoyama 1920 Takeda 1953 Yokoyama 1924 of Gmelin 1782 Gabb 1861
3219 3220 3221 3222 3223 3224 3225 3226 3227 3228	Family Hiatellidae  Hiatella arctica  Mya arctica  Didonta bicarinata  Hiatella biaperta  Hiatella monoptera  Saxicava arctica  Saxicava orientalis  Saxicava sakhalinensis  Petricola awana  Solen minutus	(Linnaeus 1767) Linnaeus 1767 Schumacher 1817 Bosc 1801 Bosc 1801 of I. Oldroyd 1924 Yokoyama 1920 Takeda 1953 Yokoyama 1924 of Gmelin 1782
3219 3220 3221 3222 3223 3224 3225 3226 3227 3228 3229 3230	Family Hiatellidae  Hiatella arctica  Mya arctica  Didonta bicarinata  Hiatella biaperta  Hiatella monoptera  Saxicava arctica  Saxicava orientalis  Saxicava sakhalinensis  Petricola awana  Solen minutus  Sphenia bilirata  Panopea generosa	(Linnaeus 1767) Linnaeus 1767 Schumacher 1817 Bosc 1801 Bosc 1801 of I. Oldroyd 1924 Yokoyama 1920 Takeda 1953 Yokoyama 1924 of Gmelin 1782 Gabb 1861 Gould 1850
3219 3220 3221 3222 3223 3224 3225 3226 3227 3228 3229 3230 3231	Family Hiatellidae  Hiatella arctica  Mya arctica  Didonta bicarinata  Hiatella biaperta  Hiatella monoptera  Saxicava arctica  Saxicava arctica  Saxicava sakhalinensis  Petricola awana  Solen minutus  Sphenia bilirata  Panopea generosa  Panopaea generosa	(Linnaeus 1767) Linnaeus 1767 Schumacher 1817 Bosc 1801 Bosc 1801 of I. Oldroyd 1924 Yokoyama 1920 Takeda 1953 Yokoyama 1924 of Gmelin 1782 Gabb 1861 Gould 1850 Gould 1850
3219 3220 3221 3222 3223 3224 3225 3226 3227 3228 3229 3230 3231 3232	Family Hiatellidae  Hiatella arctica  Mya arctica  Didonta bicarinata  Hiatella biaperta  Hiatella monoptera  Saxicava arctica  Saxicava arctica  Saxicava orientalis  Saxicava sakhalinensis  Petricola awana  Solen minutus  Sphenia bilirata  Panopea generosa  Panopaea fragilis	(Linnaeus 1767) Linnaeus 1767 Schumacher 1817 Bosc 1801 Bosc 1801 of I. Oldroyd 1924 Yokoyama 1920 Takeda 1953 Yokoyama 1924 of Gmelin 1782 Gabb 1861 Gould 1850 Gould 1850 Gould 1861
3219 3220 3221 3222 3223 3224 3225 3226 3227 3228 3229 3230 3231 3232 3233	Family Hiatellidae  Hiatella arctica  Mya arctica  Didonta bicarinata  Hiatella biaperta  Hiatella monoptera  Saxicava arctica  Saxicava orientalis  Saxicava sakhalinensis  Petricola awana  Solen minutus  Sphenia bilirata  Panopea generosa  Panopaea generosa  Panopaea generosa  Panopaea generosa sagrinata	(Linnaeus 1767) Linnaeus 1767 Schumacher 1817 Bosc 1801 Bosc 1801 of I. Oldroyd 1924 Yokoyama 1920 Takeda 1953 Yokoyama 1924 of Gmelin 1782 Gabb 1861 Gould 1850 Gould 1850 Gould 1861 Gould 1861
3219 3220 3221 3222 3223 3224 3225 3226 3227 3228 3229 3230 3231 3232 3233 3234	Family Hiatellidae  Hiatella arctica  Mya arctica  Didonta bicarinata  Hiatella biaperta  Hiatella monoptera  Saxicava arctica  Saxicava arctica  Saxicava orientalis  Saxicava sakhalinensis  Petricola awana  Solen minutus  Sphenia bilirata  Panopea generosa  Panopaea fragilis	(Linnaeus 1767) Linnaeus 1767 Schumacher 1817 Bosc 1801 Bosc 1801 of I. Oldroyd 1924 Yokoyama 1920 Takeda 1953 Yokoyama 1924 of Gmelin 1782 Gabb 1861 Gould 1850 Gould 1850 Gould 1861
3219 3220 3221 3222 3223 3224 3225 3226 3227 3228 3229 3230 3231 3232 3233	Family Hiatellidae  Hiatella arctica  Mya arctica  Didonta bicarinata  Hiatella biaperta  Hiatella monoptera  Saxicava arctica  Saxicava orientalis  Saxicava sakhalinensis  Petricola awana  Solen minutus  Sphenia bilirata  Panopea generosa  Panopaea generosa  Panopaea generosa  Panopaea generosa sagrinata	(Linnaeus 1767) Linnaeus 1767 Schumacher 1817 Bosc 1801 Bosc 1801 of I. Oldroyd 1924 Yokoyama 1920 Takeda 1953 Yokoyama 1924 of Gmelin 1782 Gabb 1861 Gould 1850 Gould 1850 Gould 1861 Gould 1861
3219 3220 3221 3222 3223 3224 3225 3226 3227 3228 3229 3230 3231 3232 3233 3234 3235	Family Hiatellidae  Hiatella arctica  Mya arctica  Didonta bicarinata  Hiatella biaperta  Hiatella monoptera  Saxicava arctica  Saxicava orientalis  Saxicava sakhalinensis  Petricola awana  Solen minutus  Sphenia bilirata  Panopea generosa  Panopaea generosa  Panopaea generosa sagrinata  Panopea abrupta  Panopea generosa solida	(Linnaeus 1767) Linnaeus 1767 Schumacher 1817 Bosc 1801 Bosc 1801 of I. Oldroyd 1924 Yokoyama 1920 Takeda 1953 Yokoyama 1924 of Gmelin 1782 Gabb 1861 Gould 1850 Gould 1850 Gould 1861 Gould 1861 of Bernard 1983 not (Conrad 1849) Dall 1898
3219 3220 3221 3222 3223 3224 3225 3226 3227 3228 3229 3230 3231 3232 3233 3234 3235 3236	Family Hiatellidae  Hiatella arctica  Mya arctica  Didonta bicarinata  Hiatella biaperta  Hiatella monoptera  Saxicava arctica  Saxicava orientalis  Saxicava sakhalinensis  Petricola awana  Solen minutus  Sphenia bilirata  Panopea generosa  Panopaea generosa  Panopaea fragilis  Panopea abrupta  Panopea generosa solida  Panopea generosa solida  Panopea generosa	(Linnaeus 1767) Linnaeus 1767 Schumacher 1817 Bosc 1801 Bosc 1801 of I. Oldroyd 1924 Yokoyama 1920 Takeda 1953 Yokoyama 1924 of Gmelin 1782 Gabb 1861 Gould 1850 Gould 1850 Gould 1861 Gould 1861 Gould 1861 of Bernard 1983 not (Conrad 1849) Dall 1898 of Hertlein & Grant 1972
3219 3220 3221 3222 3223 3224 3225 3226 3227 3228 3229 3230 3231 3232 3233 3234 3235 3236 3237	Family Hiatellidae  Hiatella arctica  Mya arctica  Didonta bicarinata  Hiatella biaperta  Hiatella monoptera  Saxicava arctica  Saxicava orientalis  Saxicava sakhalinensis  Petricola awana  Solen minutus  Sphenia bilirata  Panopea generosa  Panopaea generosa  Panopaea generosa sagrinata  Panopea abrupta  Panopea generosa solida  Panope generosa  Panope generosa  Panopea generosa solida  Panope generosa  Panope generosa  Panope generosa	(Linnaeus 1767) Linnaeus 1767 Schumacher 1817 Bosc 1801 Bosc 1801 of I. Oldroyd 1924 Yokoyama 1920 Takeda 1953 Yokoyama 1924 of Gmelin 1782 Gabb 1861 Gould 1850 Gould 1850 Gould 1861 Gould 1861 of Bernard 1983 not (Conrad 1849) Dall 1898 of Hertlein & Grant 1972 Dall 1918
3219 3220 3221 3222 3223 3224 3225 3226 3227 3228 3229 3230 3231 3232 3233 3234 3235 3236 3237 3238	Family Hiatellidae  Hiatella arctica  Mya arctica  Didonta bicarinata  Hiatella biaperta  Hiatella monoptera  Saxicava arctica  Saxicava orientalis  Saxicava sakhalinensis  Petricola awana  Solen minutus  Sphenia bilirata  Panopea generosa  Panopaea generosa  Panopaea fragilis  Panopea generosa sagrinata  Panopea abrupta  Panopea generosa  Panopea generosa  Panopea generosa solida  Panope generosa  Panope generosa  Panope generosa  Panope generosa  Panope generosa taeniata  Panope japonica	(Linnaeus 1767) Linnaeus 1767 Schumacher 1817 Bosc 1801 Bosc 1801 of I. Oldroyd 1924 Yokoyama 1920 Takeda 1953 Yokoyama 1924 of Gmelin 1782 Gabb 1861 Gould 1850 Gould 1850 Gould 1861 Gould 1861 of Bernard 1983 not (Conrad 1849) Dall 1898 of Hertlein & Grant 1972 Dall 1918 A. Adams 1850
3219 3220 3221 3222 3223 3224 3225 3226 3227 3228 3229 3230 3231 3232 3233 3234 3235 3236 3237 3238 3239	Family Hiatellidae  Hiatella arctica  Mya arctica  Didonta bicarinata  Hiatella biaperta  Hiatella monoptera  Saxicava arctica  Saxicava orientalis  Saxicava sakhalinensis  Petricola awana  Solen minutus  Sphenia bilirata  Panopea generosa  Panopaea generosa  Panopaea fragilis  Panopea abrupta  Panopea generosa solida  Panope generosa	(Linnaeus 1767) Linnaeus 1767 Schumacher 1817 Bosc 1801 Bosc 1801 of I. Oldroyd 1924 Yokoyama 1920 Takeda 1953 Yokoyama 1924 of Gmelin 1782 Gabb 1861 Gould 1850 Gould 1850 Gould 1861 Gould 1861 of Bernard 1983 not (Conrad 1849) Dall 1898 of Hertlein & Grant 1972 Dall 1918
3219 3220 3221 3222 3223 3224 3225 3226 3227 3228 3229 3230 3231 3232 3233 3234 3235 3236 3237 3238	Family Hiatellidae  Hiatella arctica  Mya arctica  Didonta bicarinata  Hiatella biaperta  Hiatella monoptera  Saxicava arctica  Saxicava orientalis  Saxicava sakhalinensis  Petricola awana  Solen minutus  Sphenia bilirata  Panopea generosa  Panopaea generosa  Panopaea fragilis  Panopea generosa sagrinata  Panopea abrupta  Panopea generosa  Panopea generosa  Panopea generosa solida  Panope generosa  Panope generosa  Panope generosa  Panope generosa  Panope generosa taeniata  Panope japonica	(Linnaeus 1767) Linnaeus 1767 Schumacher 1817 Bosc 1801 Bosc 1801 of I. Oldroyd 1924 Yokoyama 1920 Takeda 1953 Yokoyama 1924 of Gmelin 1782 Gabb 1861 Gould 1850 Gould 1850 Gould 1861 Gould 1861 of Bernard 1983 not (Conrad 1849) Dall 1898 of Hertlein & Grant 1972 Dall 1918 A. Adams 1850

3241	Saxicavella nybakkeni	Scott 1994
3242	Paramya sp A	LaFollette 1976
3243	Saxicavella pacifica	Dall 1916
3244	Suborder Neoheterodontei	
3245	Superfamily Ungulinoidea	
3246	Family Ungulinidae	
3247	Diplodonta orbella	(Gould 1851)
3248	Lucina orbella	Gould 1851
3249	Diplodonta sericata	(Reeve 1850)
3250	Lucina sericata	Reeve 1850
3251 3252	Diplodonta (Felaniella) artemidis	Dall 1909 of Hertlein & Grant 1972
3253	Diplodonta (Felaniella) comea Felaniella parilis	of Bernard 1983 not (Conrad 1848)
3254	Lucina tellinoides	Reeve 1850
3255	Taras (Felaniella) sericatus	of Hertlein & Strong 1947
3256	Superfamily Chamoidea	- · · · · · · · · · · · · · · · · · · ·
3257	Family Chamidae	
3258	Chama arcana	Bernard 1976
3259	Chama pellucida	of authors not Broderip 1835
3260	Pseudochama exogyra	(Conrad 1837)
3261	Chama exogyra	Conrad 1837
3262	Pseudochama granti	Strong 1934
3263	Superfamily Veneroidea	
3264	Family Veneridae	
3265 3266	Subfamily Venerinae  Amiantis callosa	(Conrad 1837)
3267	Cytherea callosa	Conrad 1837
3268	Callithaca tenerrima	(Carpenter in Gould & Carpenter 1857)
3269	Tapes tenerrima	Carpenter in Gould & Carpenter 1857
3270	Paphia tenerrima	of Packard 1918
3271	Paphia (Protothaca) tenerrima	of Dall 1902
3272	Protothaca restorationensis	Frizzell 1930
3273	Protothaca tenerrima	of McLean 1978
3274	Protothaca (Callithaca) tenerrima	of Palmer 1958
3275	Venus rigida	of Gould 1861 not Dillwyn 1817
3276	Chione californiensis	(Broderip in Broderip & G. B. Sowerby I 1835)
3277	Venus californiensis	Broderip in Broderip & G. B. Sowerby I 1835
3278	Chione undatella	(G. B. Sowerby I 1835)
3279 3280	Venus undatella	G. B. Sowerby I 1835
3281	<i>Globivenus fordii</i> Venus fordii	(Yates 1890) Yates 1890
3282	Antigonia fordi	of I. Oldroyd 1924
3283	Ventricolaria fordii	of Bernard 1983
3284	Venus (Antigonia) fordii	of Grant & Gale 1931
3285	Irusella lamellifera	(Conrad 1837)
3286	Venus lamellifera	Conrad 1837
3287	Irus lamellifer	of Grant & Gale 1931
3288	Perticola cordieri	Deshayes 1840
3289	Venerupis lamellifera	of I. Oldroyd 1924
3290	Leukoma laciniata	(Carpenter 1864)
3291	Tapes laciniata	Carpenter 1864
3292 3293	Paphia staminea laciniata Paphia (Protothaca) staminea var laciniata	of Dell 1993
3293	Paphia (Protothaca) staminea variaciniata Paphia (Protothaca) staminea laciniata	of Dall 1902 of Dall 1921
3295	Protothaca laciniata	of McLean 1978
3296	Protothaca (Callithaca) laciniata	of Palmer 1958
3297	Leukoma staminea	(Conrad 1837)
3298	Venus staminea	Conrad 1837
3299	Paphia (Protothaca) staminea var orbella	of Dall 1902
3300	Protothaca staminea	of McLean 1978
3301	Protothaca (Callithaca) staminea	of Palmer 1958
3302	Tapes staminea var orbella	Carpenter 1864
3303	Subfamily Clementiinae	(0 10(1)
3304	Compsomyax subdiaphana	(Carpenter 1864)
3305	Clementia subdiaphana	Carpenter 1864
3306 3307	Clementia obliqua	Jukes-Brown 1913
3307	Clementia (Compsomyax) subdiaphana	of Grant & Gale 1931 of Arnold 1903
3309	Callista subdiaphana Katherinella (Compsomyax) subdiaphana	of Woodring, Bramlette & Kew 1946
3310	Marcia subdiaphana	of I. Oldroyd 1924
3311	Marcia (Venerella) subdiaphana	of Dall 1902
3312	Saxidomus gibbosus	Gabb 1869
	5	

3313	Venerella (Compsomyax) subdiaphana	of Stewart 1930 in part
3314	Subfamily Meretricinae	or Stewart 1930 in part
3315	Tivela stultorum	(Mawe 1823)
3316	Donax stultorum	Mawe 1823
3317	Tivela crassatelloides	Stearns 1899
3318	Subfamily Pitarinae	
3319	Nutricola confusa	(S. Gray 1982)
3320	Transennella confusa	S. Gray 1982
3321	Nutricola cymata	(Dall 1913)
3322	Psephidia cymata	Dall 1913
3323	Nutricola lordi	(Baird 1863)
3324	Chione lordi	Baird 1863
3325	Psephidia lordi	of Bernard 1983
3326 3327	Nutricola ovalis	(Dall 1902)
3328	Psephidia ovalis Nutricola sp SD1	Dall 1902 Barwick 2004 §
3329	Nutricola tantilla	(Gould 1853)
3330	Venus tantillus	Gould 1853
3331	Transenella tantilla	of Bernard 1983
3332	Pitar newcombianus	(Gabb 1865)
3333	Circe (Lioconcha) newcombiana	Gabb 1865
3334	Pitaria newcombianus	of I. Oldroyd 1924
3335	Saxidomus nuttalli	Conrad 1837
3336	Subfamily Tapetinae	
3337	Venerupis philippinarum	(A. Adams & Reeve 1850)
3338	Venus philippinarum	A. Adams & Reeve 1850
3339	Tapes philippinarum	of Bernard 1983
3340	Family Petricolidae	
3341	Cooperella subdiaphana	(Carpenter 1864)
3342	Oedalia subdiaphana	Carpenter 1864
3343	Oedalia (Cooperella) scintillaeformis	Carpenter 1864
3344	Oedalina (Cooperella) scintillaeformis	of Carpenter 1866
3345	Petricola carditoides	(Conrad 1837)
3346	Saxicava carditoides	Conrad 1837
3347 3348	Petricola arcuata	Deshayes 1839
3349	Petricola cylindracea Petricola gibba	Deshayes 1839 Middendorff 1849
3350	Petricola gibba  Petricola mirabilis	Deshayes 1853
3351	Petricola pedroana	Conrad 1855
3352	Petricola (Rupellaria) carditoides	of Bernard 1983
3353	Saxicava abrupta	Conrad 1855
3354	Saxicava californica	Conrad 1837
3355	Saxicava legumen	Deshayes 1839
3356	Petricola hertzana	Coan 1997
3357	Petricola tellimyalis	of authors not Carpenter 1864
3358	Superfamily Mactroidea	
3359	Family Mactridae	
3360	Subfamily Mactrinae	
3361	Mactromeris catilliformis	(Conrad 1837)
3362	Spisula catilliformis	Conrad 1837
3363	Mactra (Spisula) catilliformis	of Grant & Gale 1931
3364	Spisula mercedensis	Packard 1916
3365	Spisula (Mactromeris) catilliformis	of Hertlein & Grant 1972
3366 3367	Mactromeris hemphilli  Mactra hemphilli	(Dall 1894)
3368	Spisula cameronis	Dall 1894 Dall 1921
3369	Spisula hemphilli	of Packard 1916
3370	Spisula (Hemimactra) hemphilli	of I. Oldroyd 1924
3371	Mactrotoma californica	(Conrad 1837)
3372	Mactra californica	Conrad 1837
3373	Mactra ovalina	Reeve 1854
3374	Mactrotoma nasuta	(Gould 1851)
3375	Mactra nasuta	Gould 1851
3376	Simomactra falcata	(Gould 1850)
3377	Mactra falcata	Gould 1850
3378	Spisula falcata	of Bernard 1983
3379	Simomactra planulata	(Conrad 1837)
3380	Mactra planulata	Conrad 1837
3381	Spisula planulata	of Bernard 1983
3382	Subfamily Lutrariinae	(0 11007)
3383	Tresus nuttallii	(Conrad 1837)
3384	Lutraria (Cryptodon) nuttallii	Conrad 1837

0005		557.1.4050
3385	Schizothaerus nuttalli	of Fitch 1953
3386	Schizothaerus nuttallii	of Grant & Gale 1931
3387	Subfamily Pteropsellinae	(0. 111071)
3388	Raeta undulata	(Gould 1851)
3389	Lutraria undulata	Gould 1851
3390	Superfamily Myoidea	
3391	Family Myidae	
3392	Subfamily Myinae	1 : 1750
3393	Mya arenaria	Linnaeus 1758
3394	Mya acuta	Say 1822
3395	Mya alba	L. Agassiz 1839
3396	Mya communis	Megerle 1811
3397	Mya corpulenta	Conrad 1845
3398	Mya elongata	Locard 1886
3399	Mya hemphilli	Newcombe 1875
3400	Mya japonica	Jay 1856
3401	Mya mercenaria	Say 1822
3402	Mya paternalis	Matsumoto 1930
3403	Mya oonogai	Makiyama 1935
3404	Mya subovata	Woodward 1833
3405	Mya subtruncata	Woodward 1833
3406 3407	Sphenia ovoidea Platvodon cancellatus	Carpenter 1864
3408	•	(Conrad 1837) Conrad 1837
3409	Mya cancellata	Conrad 1657 Carpenter 1864
3410	Cryptodonta myoides Subfamily Cryptomyinae	Carpenter 1004
3411	Cryptomya californica	(Conrad 1837)
3412	Sphaenia californica	Conrad 1837
3413	Cryptomya magna	Dall 1921
3414	Myidae sp SD2	Lilly 1999 §
3415	Sphenia fragilis	(H. & A. Adams 1854)
3416	Tyleria fragilis	H. & A. Adams 1854
3417	Sphenia luticola	(Valenciennes 1846)
3418	Corbula luticola	Valenciennes 1846
3419	Cupspidaria (Tropidomya) nana	Oldroyd 1918
3420	Myidae sp SD1	Barwick 1997 §
3421	Sphenia globula	Dall 1919
3422	Sphenia pholadidea	Dall 1916
3423	Family Corbulidae	Bail 1010
3424	Corbula luteola	Carpenter 1864
3425	Aloides (Lentidium) luteola	of Keen 1937
3426	Aloidis (Caryocorbula) luteola	of Hertlein & Strong 1950
3427	Corbula luteola var rosea	Williamson 1905
3428	Corbula (Caryocorbula) luteola	of Keen 1958
3429	Corbula (Lentidium) luteola	of Grant & Gale 1931
3430	Juliacorbula luteola	of SCAMIT Ed 4
3431	Corbula porcella	Dall 1916
3432	Caryocorbula porcella	of SCAMIT Ed 4
3433	Family Spheniopsidae	
3434	Grippina californica	Dall 1912
3435	Superfamily Pholadoidea	
3436	Family Pholadidae	
3437	Subfamily Jouannetiinae	
3438	Netastoma rostratum	(Valenciennes 1846)
3439	Pholas rostrata	Valenciennes 1846
3440	Netastoma rostrata	of McLean 1969
3441	Pholadidea rostrata	of I. Oldroyd 1924
3442	Subfamily Martesiinae	
3443	Chaceia ovoidea	(Gould 1851)
3444	Pholas ovoidea	Gould 1851
3445	Subfamily Xylophaginae	
3446	Xylophaga washingtona	Bartsch 1921
3447	Xylophaga californica	Bartsch 1921
3448	Order Pholadomyida	
3449	Superfamily Pandoroidea	
3450	Family Pandoridae	
3451	Heteroclidus punctata	(Conrad 1837)
3452	Pandora punctata	Conrad 1837
3453	Clidiophora punctata	of Arnold 1907
3454	Pandora (Heteroclidus) punctata	of Keen 1958
3455	Pandora (Heteroclidus) punctata gabbi	Dall 1903
3456	Pandora bilirata	Conrad 1855

3457		
3457	Pandora delicatula	G. B. Sowerby II 1874
3458	Pandora (Kennerlia) bicarinata	Cooper 1867
3459	Pandora (Kennerlia) pseudobilirata	Nomura & Hatai 1940
	, ,,	
3460	Pandora (Pandorella) bilirata	of Hertlein & Grant 1972
3461	Pandora filosa	(Carpenter 1864)
3462	Kennerlia filosa	Carpenter 1864
3463	Pandora (Kennerlia) filosa	of Carpenter 1869
3464	Pandora (Pandorella) filosa	of Palmer 1958
3465	Family Lyonsiidae	511 dillion 1555
		(A A 1 9 D 1050)
3466	Entodesma navicula	(A. Adams & Reeve 1850)
3467	Lyonsia navicula	A. Adams & Reeve 1850
3468	Agriodesma saxicola	of Bernard 1972
3469	Entodesma saxicola	(Baird 1863)
3470	Entodesma pictum	(G. B. Sowerby I 1834)
	*	• • •
3471	Lyonsia picta	G. B. Sowerby I 1834
3472	Lyonsia diaphana	Carpenter 1856
3473	Lyonsia inflata	Conrad 1837
3474	Lyonsia californica	Conrad 1837
3475	Lyonsia californica haroldi	Dall 1915
3476	· · · · · · · · · · · · · · · · · · ·	
	Lyonsia gouldi	Dall 1915
3477	Lyonsia nesiotes	Dall 1915
3478	Osteodesma nitidum	of Gould 1853
3479	Superfamily Thracioidea	
3480	Family Thraciidae	
3481	Asthenothaerus diegensis	(Dall 1915)
	· · · · · · · · · · · · · · · · · · ·	
3482	Thracia diegensis	Dall 1915
3483	Astenothaerus villosior	of authors NEP not Carpenter 1864
3484	Cyathodonta pedroana	Dall 1915
3485	Cyathodonta undulata	of Grant & Gale 1931 not Conrad 1849
3486	Thracia curta	Conrad 1837
3487	? Lepton clementinum	Carpenter 1857
3488	Thracia quentinensis	Dall 1921
3489	Thracia (Ixartia) curta	of Coan 1990
3490	Thracia trapezoides	Conrad 1849
3491	Thracia kanakoffi	Hertlein & Grant 1972
3492		of Coan 1990
	Thracia (Homoeodesma) trapezoides	oi Coaii 1990
3493	Family Periplomatidae	
3494	Periploma discus	Stearns 1890
3495	Periploma planiusculum	G. B. Sowerby I 1834
3496	Periploma rosewateri	Bernard 1989
3497	Suborder Septibranchia	
3498	Superfamily Cuspidaroidea	
3499	Family Cuspidariidae	
3500		
	Cardiomya lanieri	Strong & Hertlein 1937
3501	· · · · · · · · · · · · · · · · · · ·	Strong & Hertlein 1937 Strong & Hertlein 1937
3501	Cuspidaria (Cardiomya) lanieri	Strong & Hertlein 1937
3501 3502	Ĉuspidaria (Cardiomya) lanieri <i>Cardiomya pectinata</i>	Strong & Hertlein 1937 (Carpenter 1864)
3501 3502 3503	Ĉuspidaria (Cardiomya) lanieri <i>Cardiomya pectinata</i> Neaera pectinata	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864
3501 3502 3503 3504	Cuspidaria (Cardiomya) lanieri <i>Cardiomya pectinata</i> Neaera pectinata Cardiomya isolirata	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969
3501 3502 3503 3504 3505	Ĉuspidaria (Cardiomya) lanieri <i>Cardiomya pectinata</i> Neaera pectinata	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969 Dall 1886
3501 3502 3503 3504	Cuspidaria (Cardiomya) lanieri <i>Cardiomya pectinata</i> Neaera pectinata Cardiomya isolirata	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969
3501 3502 3503 3504 3505	Cuspidaria (Cardiomya) lanieri Cardiomya pectinata Neaera pectinata Cardiomya isolirata Cuspidaria californica	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969 Dall 1886
3501 3502 3503 3504 3505 3506 3507	Cuspidaria (Cardiomya) lanieri  Cardiomya pectinata  Neaera pectinata  Cardiomya isolirata  Cuspidaria californica  Cuspidaria costata	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969 Dall 1886 of authors SCB not G. B. Sowerbry I 1834
3501 3502 3503 3504 3505 3506 3507 3508	Cuspidaria (Cardiomya) lanieri  Cardiomya pectinata  Neaera pectinata  Cardiomya isolirata  Cuspidaria californica  Cuspidaria costata  Cuspidaria dulcis  Cuspidaria pectinata	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969 Dall 1886 of authors SCB not G. B. Sowerbry I 1834 Pilsbry & Lowe 1932 of I. Oldroyd 1924
3501 3502 3503 3504 3505 3506 3507 3508 3509	Cuspidaria (Cardiomya) lanieri  Cardiomya pectinata  Neaera pectinata  Cardiomya isolirata  Cuspidaria californica  Cuspidaria costata  Cuspidaria dulcis  Cuspidaria pectinata  Cuspidaria (Cardiomya) oldroydi	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969 Dall 1886 of authors SCB not G. B. Sowerbry I 1834 Pilsbry & Lowe 1932 of I. Oldroyd 1924 Dall in I. Oldroyd 1924
3501 3502 3503 3504 3505 3506 3507 3508 3509 3510	Cuspidaria (Cardiomya) lanieri  Cardiomya pectinata  Neaera pectinata  Cardiomya isolirata  Cuspidaria californica  Cuspidaria costata  Cuspidaria dulcis  Cuspidaria pectinata  Cuspidaria (Cardiomya) oldroydi  Cuspidaria (Cardiomya) pectinata	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969 Dall 1886 of authors SCB not G. B. Sowerbry I 1834 Pilsbry & Lowe 1932 of I. Oldroyd 1924 Dall in I. Oldroyd 1924 of Grant & Gale 1931
3501 3502 3503 3504 3505 3506 3507 3508 3509 3510 3511	Cuspidaria (Cardiomya) lanieri  Cardiomya pectinata  Neaera pectinata  Cardiomya isolirata  Cuspidaria californica  Cuspidaria costata  Cuspidaria dulcis  Cuspidaria pectinata  Cuspidaria (Cardiomya) oldroydi  Cuspidaria (Cardiomya) pectinata  Cardiomya planetica	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969 Dall 1886 of authors SCB not G. B. Sowerbry I 1834 Pilsbry & Lowe 1932 of I. Oldroyd 1924 Dall in I. Oldroyd 1924
3501 3502 3503 3504 3505 3506 3507 3508 3509 3510	Cuspidaria (Cardiomya) lanieri  Cardiomya pectinata  Neaera pectinata  Cardiomya isolirata  Cuspidaria californica  Cuspidaria costata  Cuspidaria dulcis  Cuspidaria pectinata  Cuspidaria (Cardiomya) oldroydi  Cuspidaria (Cardiomya) pectinata	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969 Dall 1886 of authors SCB not G. B. Sowerbry I 1834 Pilsbry & Lowe 1932 of I. Oldroyd 1924 Dall in I. Oldroyd 1924 of Grant & Gale 1931
3501 3502 3503 3504 3505 3506 3507 3508 3509 3510 3511	Cuspidaria (Cardiomya) lanieri  Cardiomya pectinata  Neaera pectinata  Cardiomya isolirata  Cuspidaria californica  Cuspidaria costata  Cuspidaria dulcis  Cuspidaria pectinata  Cuspidaria (Cardiomya) oldroydi  Cuspidaria (Cardiomya) pectinata  Cardiomya planetica  Cuspidaria planetica	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969 Dall 1886 of authors SCB not G. B. Sowerbry I 1834 Pilsbry & Lowe 1932 of I. Oldroyd 1924 Dall in I. Oldroyd 1924 of Grant & Gale 1931 (Dall 1908)
3501 3502 3503 3504 3505 3506 3507 3508 3509 3510 3511 3512 3513	Cuspidaria (Cardiomya) lanieri  Cardiomya pectinata  Neaera pectinata  Cardiomya isolirata  Cuspidaria californica  Cuspidaria costata  Cuspidaria dulcis  Cuspidaria pectinata  Cuspidaria (Cardiomya) oldroydi  Cuspidaria (Cardiomya) pectinata  Cardiomya planetica  Cuspidaria planetica  Cuspidaria planetica  Cuspidaria parapodema	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969 Dall 1886 of authors SCB not G. B. Sowerbry I 1834 Pilsbry & Lowe 1932 of I. Oldroyd 1924 Dall in I. Oldroyd 1924 of Grant & Gale 1931 (Dall 1908) Dall 1908 Bernard 1969
3501 3502 3503 3504 3505 3506 3507 3508 3509 3510 3511 3512 3513 3514	Cuspidaria (Cardiomya) lanieri  Cardiomya pectinata  Neaera pectinata  Cardiomya isolirata  Cuspidaria californica  Cuspidaria costata  Cuspidaria dulcis  Cuspidaria petinata  Cuspidaria (Cardiomya) oldroydi  Cuspidaria (Cardiomya) pectinata  Cardiomya planetica  Cuspidaria planetica  Cuspidaria planetica  Cuspidaria parapodema  Cuspidaria parodema	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969 Dall 1886 of authors SCB not G. B. Sowerbry I 1834 Pilsbry & Lowe 1932 of I. Oldroyd 1924 Dall in I. Oldroyd 1924 of Grant & Gale 1931 (Dall 1908) Dall 1908 Bernard 1969 of authors not Dall 1916
3501 3502 3503 3504 3505 3506 3507 3508 3509 3510 3511 3512 3513 3514 3515	Cuspidaria (Cardiomya) lanieri  Cardiomya pectinata  Neaera pectinata  Cardiomya isolirata  Cuspidaria californica  Cuspidaria costata  Cuspidaria dulcis  Cuspidaria pectinata  Cuspidaria (Cardiomya) oldroydi  Cuspidaria (Cardiomya) pectinata  Cardiomya planetica  Cuspidaria planetica  Cuspidaria parapodema  Cuspidaria apodema  Luzonia walleri	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969 Dall 1886 of authors SCB not G. B. Sowerbry I 1834 Pilsbry & Lowe 1932 of I. Oldroyd 1924 Dall in I. Oldroyd 1924 of Grant & Gale 1931 (Dall 1908) Dall 1908 Bernard 1969 of authors not Dall 1916 (F. R. Bernard 1989)
3501 3502 3503 3504 3505 3506 3507 3508 3509 3510 3511 3512 3513 3514 3515 3516	Cuspidaria (Cardiomya) lanieri  Cardiomya pectinata  Neaera pectinata  Cardiomya isolirata  Cuspidaria californica  Cuspidaria dulcis  Cuspidaria pectinata  Cuspidaria pectinata  Cuspidaria (Cardiomya) oldroydi  Cuspidaria (Cardiomya) pectinata  Cardiomya planetica  Cuspidaria planetica  Cuspidaria parapodema  Cuspidaria apodema  Luzonia walleri  Cuspidaria (Luzonia) walleri	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969 Dall 1886 of authors SCB not G. B. Sowerbry I 1834 Pilsbry & Lowe 1932 of I. Oldroyd 1924 Dall in I. Oldroyd 1924 of Grant & Gale 1931 (Dall 1908) Dall 1908 Bernard 1969 of authors not Dall 1916 (F. R. Bernard 1989) F. R. Bernard 1989
3501 3502 3503 3504 3505 3506 3507 3508 3509 3510 3511 3512 3513 3514 3515 3516 3517	Cuspidaria (Cardiomya) lanieri  Cardiomya pectinata  Neaera pectinata  Cardiomya isolirata  Cuspidaria californica  Cuspidaria dulcis  Cuspidaria pectinata  Cuspidaria pectinata  Cuspidaria (Cardiomya) oldroydi  Cuspidaria (Cardiomya) pectinata  Cardiomya planetica  Cuspidaria planetica  Cuspidaria panapdema  Cuspidaria apodema  Luzonia walleri  Cuspidaria (Luzonia) walleri  Plectodon scaber	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969 Dall 1886 of authors SCB not G. B. Sowerbry I 1834 Pilsbry & Lowe 1932 of I. Oldroyd 1924 Dall in I. Oldroyd 1924 of Grant & Gale 1931 (Dall 1908) Dall 1908 Bernard 1969 of authors not Dall 1916 (F. R. Bernard 1989) F. R. Bernard 1989 Carpenter 1864
3501 3502 3503 3504 3505 3506 3507 3508 3509 3510 3511 3512 3513 3514 3515 3516	Cuspidaria (Cardiomya) lanieri  Cardiomya pectinata  Neaera pectinata  Cardiomya isolirata  Cuspidaria californica  Cuspidaria dulcis  Cuspidaria pectinata  Cuspidaria pectinata  Cuspidaria (Cardiomya) oldroydi  Cuspidaria (Cardiomya) pectinata  Cardiomya planetica  Cuspidaria planetica  Cuspidaria parapodema  Cuspidaria apodema  Luzonia walleri  Cuspidaria (Luzonia) walleri	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969 Dall 1886 of authors SCB not G. B. Sowerbry I 1834 Pilsbry & Lowe 1932 of I. Oldroyd 1924 Dall in I. Oldroyd 1924 of Grant & Gale 1931 (Dall 1908) Dall 1908 Bernard 1969 of authors not Dall 1916 (F. R. Bernard 1989) F. R. Bernard 1989
3501 3502 3503 3504 3505 3506 3507 3508 3509 3510 3511 3512 3513 3514 3515 3516 3517 3518	Cuspidaria (Cardiomya) lanieri  Cardiomya pectinata  Neaera pectinata  Cardiomya isolirata  Cuspidaria californica  Cuspidaria culicis  Cuspidaria pectinata  Cuspidaria pectinata  Cuspidaria (Cardiomya) oldroydi  Cuspidaria (Cardiomya) pectinata  Cardiomya planetica  Cuspidaria planetica  Cuspidaria panetica  Cuspidaria panedema  Cuspidaria apodema  Luzonia walleri  Cuspidaria (Luzonia) walleri  Plectodon scaber  Leiomya (Plectodon) scaber	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969 Dall 1886 of authors SCB not G. B. Sowerbry I 1834 Pilsbry & Lowe 1932 of I. Oldroyd 1924 Dall in I. Oldroyd 1924 of Grant & Gale 1931 (Dall 1908) Dall 1908 Bernard 1969 of authors not Dall 1916 (F. R. Bernard 1989) F. R. Bernard 1989 Carpenter 1864 of Dall 1921
3501 3502 3503 3504 3505 3506 3507 3508 3509 3510 3511 3512 3513 3514 3515 3516 3517 3518 3519	Cuspidaria (Cardiomya) lanieri  Cardiomya pectinata  Neaera pectinata  Cardiomya isolirata  Cuspidaria californica  Cuspidaria californica  Cuspidaria dulcis  Cuspidaria pectinata  Cuspidaria (Cardiomya) oldroydi  Cuspidaria (Cardiomya) pectinata  Cardiomya planetica  Cuspidaria planetica  Cuspidaria parapodema  Cuspidaria apodema  Luzonia walleri  Cuspidaria (Luzonia) walleri  Plectodon scaber  Leiomya (Plectodon) scaber  Leiomya (Plectodon) scabra	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969 Dall 1886 of authors SCB not G. B. Sowerbry I 1834 Pilsbry & Lowe 1932 of I. Oldroyd 1924 Dall in I. Oldroyd 1924 of Grant & Gale 1931 (Dall 1908) Dall 1908 Bernard 1969 of authors not Dall 1916 (F. R. Bernard 1989) F. R. Bernard 1989 Carpenter 1864
3501 3502 3503 3504 3505 3506 3507 3508 3510 3511 3512 3513 3514 3515 3516 3516 3517 3518 3519 3520	Cuspidaria (Cardiomya) lanieri  Cardiomya pectinata  Neaera pectinata  Cardiomya isolirata  Cuspidaria californica  Cuspidaria costata  Cuspidaria dulcis  Cuspidaria pectinata  Cuspidaria (Cardiomya) oldroydi  Cuspidaria (Cardiomya) pectinata  Cardiomya planetica  Cuspidaria planetica  Cuspidaria parapodema  Cuspidaria apodema  Luzonia walleri  Cuspidaria (Luzonia) walleri  Plectodon scaber  Leiomya (Plectodon) scaber  Leiomya (Plectodon) scabra  Superfamily Verticordioidea	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969 Dall 1886 of authors SCB not G. B. Sowerbry I 1834 Pilsbry & Lowe 1932 of I. Oldroyd 1924 Dall in I. Oldroyd 1924 of Grant & Gale 1931 (Dall 1908) Dall 1908 Bernard 1969 of authors not Dall 1916 (F. R. Bernard 1989) F. R. Bernard 1989 Carpenter 1864 of Dall 1921
3501 3502 3503 3504 3505 3506 3507 3508 3510 3511 3512 3513 3514 3515 3516 3517 3518 3519 3520 3521	Cuspidaria (Cardiomya) lanieri  Cardiomya pectinata  Neaera pectinata  Cardiomya isolirata  Cuspidaria californica  Cuspidaria costata  Cuspidaria dulcis  Cuspidaria pectinata  Cuspidaria (Cardiomya) oldroydi  Cuspidaria (Cardiomya) pectinata  Cardiomya planetica  Cuspidaria planetica  Cuspidaria parapodema  Cuspidaria apodema  Luzonia walleri  Cuspidaria (Luzonia) walleri  Plectodon scaber  Leiomya (Plectodon) scaber  Leiomya (Plectodon) scabra  Superfamily Verticordioidea  Family Verticordiidae	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969 Dall 1886 of authors SCB not G. B. Sowerbry I 1834 Pilsbry & Lowe 1932 of I. Oldroyd 1924 Dall in I. Oldroyd 1924 of Grant & Gale 1931 (Dall 1908) Dall 1908 Bernard 1969 of authors not Dall 1916 (F. R. Bernard 1989) F. R. Bernard 1989 Carpenter 1864 of Dall 1921 of Bernard 1974
3501 3502 3503 3504 3506 3507 3508 3509 3510 3511 3512 3513 3514 3515 3516 3517 3518 3519 3520 3521 3522	Cuspidaria (Cardiomya) lanieri  Cardiomya pectinata  Neaera pectinata  Cardiomya isolirata  Cuspidaria californica  Cuspidaria dulcis  Cuspidaria pectinata  Cuspidaria pectinata  Cuspidaria (Cardiomya) oldroydi  Cuspidaria (Cardiomya) pectinata  Cardiomya planetica  Cuspidaria planetica  Cuspidaria planetica  Cuspidaria parapodema  Cuspidaria parapodema  Luzonia walleri  Cuspidaria (Luzonia) walleri  Plectodon scaber  Leiomya (Plectodon) scaber  Leiomya (Plectodon) scabra  Superfamily Verticordioidea  Family Verticordiidae  Haliris aequacostata	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969 Dall 1886 of authors SCB not G. B. Sowerbry I 1834 Pilsbry & Lowe 1932 of I. Oldroyd 1924 Dall in I. Oldroyd 1924 of Grant & Gale 1931 (Dall 1908) Dall 1908 Bernard 1969 of authors not Dall 1916 (F. R. Bernard 1989) F. R. Bernard 1989 Carpenter I 864 of Dall 1921 of Bernard 1974  (Howard 1950)
3501 3502 3503 3504 3505 3506 3507 3508 3510 3511 3512 3513 3514 3515 3516 3517 3518 3519 3520 3521	Cuspidaria (Cardiomya) lanieri  Cardiomya pectinata  Neaera pectinata  Cardiomya isolirata  Cuspidaria californica  Cuspidaria costata  Cuspidaria dulcis  Cuspidaria pectinata  Cuspidaria (Cardiomya) oldroydi  Cuspidaria (Cardiomya) pectinata  Cardiomya planetica  Cuspidaria planetica  Cuspidaria parapodema  Cuspidaria apodema  Luzonia walleri  Cuspidaria (Luzonia) walleri  Plectodon scaber  Leiomya (Plectodon) scaber  Leiomya (Plectodon) scabra  Superfamily Verticordioidea  Family Verticordiidae	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969 Dall 1886 of authors SCB not G. B. Sowerbry I 1834 Pilsbry & Lowe 1932 of I. Oldroyd 1924 Dall in I. Oldroyd 1924 of Grant & Gale 1931 (Dall 1908) Dall 1908 Bernard 1969 of authors not Dall 1916 (F. R. Bernard 1989) F. R. Bernard 1989 Carpenter 1864 of Dall 1921 of Bernard 1974
3501 3502 3503 3504 3506 3507 3508 3509 3510 3511 3512 3513 3514 3515 3516 3517 3518 3519 3520 3521 3522	Cuspidaria (Cardiomya) lanieri  Cardiomya pectinata  Neaera pectinata  Cardiomya isolirata  Cuspidaria californica  Cuspidaria dulcis  Cuspidaria pectinata  Cuspidaria pectinata  Cuspidaria (Cardiomya) oldroydi  Cuspidaria (Cardiomya) pectinata  Cardiomya planetica  Cuspidaria planetica  Cuspidaria planetica  Cuspidaria parapodema  Cuspidaria parapodema  Luzonia walleri  Cuspidaria (Luzonia) walleri  Plectodon scaber  Leiomya (Plectodon) scaber  Leiomya (Plectodon) scabra  Superfamily Verticordioidea  Family Verticordiidae  Haliris aequacostata	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969 Dall 1886 of authors SCB not G. B. Sowerbry I 1834 Pilsbry & Lowe 1932 of I. Oldroyd 1924 Dall in I. Oldroyd 1924 of Grant & Gale 1931 (Dall 1908) Dall 1908 Bernard 1969 of authors not Dall 1916 (F. R. Bernard 1989) F. R. Bernard 1989 Carpenter I 864 of Dall 1921 of Bernard 1974  (Howard 1950)
3501 3502 3503 3504 3505 3506 3507 3508 3509 3510 3511 3512 3513 3514 3515 3516 3517 3518 3519 3520 3521 3522 3523 3524	Cuspidaria (Cardiomya) lanieri  Cardiomya pectinata  Neaera pectinata  Cardiomya isolirata  Cuspidaria californica  Cuspidaria dulcis  Cuspidaria pectinata  Cuspidaria pectinata  Cuspidaria (Cardiomya) oldroydi  Cuspidaria (Cardiomya) pectinata  Cardiomya planetica  Cuspidaria planetica  Cuspidaria panapodema  Cuspidaria parapodema  Cuspidaria apodema  Luzonia walleri  Cuspidaria (Luzonia) walleri  Plectodon scaber  Leiomya (Plectodon) scaber  Leiomya (Plectodon) scabra  Superfamily Verticordioidea  Family Verticordiidae  Haliris aequacostata  Verticordia aequacostata	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969 Dall 1886 of authors SCB not G. B. Sowerbry I 1834 Pilsbry & Lowe 1932 of I. Oldroyd 1924 Dall in I. Oldroyd 1924 of Grant & Gale 1931 (Dall 1908) Dall 1908 Bernard 1969 of authors not Dall 1916 (F. R. Bernard 1989) F. R. Bernard 1989 Carpenter 1864 of Dall 1921 of Bernard 1974  (Howard 1950) Howard 1950 (A. Adams & Reeve 1850)
3501 3502 3503 3504 3505 3506 3507 3508 3509 3510 3511 3512 3513 3514 3515 3516 3517 3518 3519 3520 3521 3522 3523 3524 3525	Cuspidaria (Cardiomya) lanieri  Cardiomya pectinata  Neaera pectinata  Cardiomya isolirata  Cuspidaria californica  Cuspidaria costata  Cuspidaria dulcis  Cuspidaria pectinata  Cuspidaria (Cardiomya) oldroydi  Cuspidaria (Cardiomya) pectinata  Cardiomya planetica  Cuspidaria planetica  Cuspidaria panapodema  Cuspidaria pandema  Luzonia walleri  Cuspidaria (Luzonia) walleri  Plectodon scaber  Leiomya (Plectodon) scaber  Leiomya (Plectodon) scabra  Superfamily Verticordioidea  Family Verticordiidae  Haliris aequacostata  Verticordia aequacostatus  Verticordia novemcostatus	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969 Dall 1886 of authors SCB not G. B. Sowerbry I 1834 Pilsbry & Lowe 1932 of I. Oldroyd 1924 Dall in I. Oldroyd 1924 of Grant & Gale 1931 (Dall 1908) Dall 1908 Bernard 1969 of authors not Dall 1916 (F. R. Bernard 1989) F. R. Bernard 1989 Carpenter 1864 of Dall 1921 of Bernard 1974  (Howard 1950) Howard 1950 (A. Adams & Reeve 1850) A. Adams & Reeve 1850
3501 3502 3503 3504 3505 3506 3507 3508 3509 3510 3511 3512 3513 3514 3515 3516 3517 3518 3519 3520 3521 3522 3523 3524 3525 3526	Cuspidaria (Cardiomya) lanieri  Cardiomya pectinata  Neaera pectinata  Cardiomya isolirata  Cuspidaria californica  Cuspidaria californica  Cuspidaria dulcis  Cuspidaria pectinata  Cuspidaria (Cardiomya) oldroydi  Cuspidaria (Cardiomya) pectinata  Cuspidaria (Cardiomya) pectinata  Cardiomya planetica  Cuspidaria planetica  Cuspidaria panedema  Cuspidaria apodema  Cuspidaria apodema  Luzonia walleri  Cuspidaria (Luzonia) walleri  Plectodon scaber  Leiomya (Plectodon) scaber  Leiomya (Plectodon) scabra  Superfamily Verticordioidea  Family Verticordiidae  Haliris aequacostata  Verticordii aequacostatus  Verticordia novemcostatus  Verticordia novemcostatus  Trigonulina novemcostatus  Trigonulina pacifica	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969 Dall 1886 of authors SCB not G. B. Sowerbry I 1834 Pilsbry & Lowe 1932 of I. Oldroyd 1924 Dall in I. Oldroyd 1924 of Grant & Gale 1931 (Dall 1908) Dall 1908 Bernard 1969 of authors not Dall 1916 (F. R. Bernard 1989) F. R. Bernard 1989 Carpenter 1864 of Dall 1921 of Bernard 1974  (Howard 1950) Howard 1950 (A. Adams & Reeve 1850) A. Adams & Reeve 1850 Jung 1996
3501 3502 3503 3504 3505 3506 3507 3508 3509 3510 3511 3512 3513 3514 3515 3516 3517 3518 3519 3520 3521 3522 3523 3524 3525 3526 3527	Cuspidaria (Cardiomya) lanieri  Cardiomya pectinata  Neaera pectinata  Cardiomya isolirata  Cuspidaria californica  Cuspidaria californica  Cuspidaria dulcis  Cuspidaria pectinata  Cuspidaria pectinata  Cuspidaria (Cardiomya) oldroydi  Cuspidaria (Cardiomya) pectinata  Cardiomya planetica  Cuspidaria planetica  Cuspidaria parapodema  Cuspidaria parapodema  Cuspidaria apodema  Luzonia walleri  Cuspidaria (Luzonia) walleri  Plectodon scaber  Leiomya (Plectodon) scaber  Leiomya (Plectodon) scabra  Superfamily Verticordioidea  Family Verticordiidae  Haliris aequacostata  Verticordia aequacostatus  Verticordia novemcostatus  Trigonulina novemcostatus  Trigonulina pacifica  Verticordia ornata	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969 Dall 1886 of authors SCB not G. B. Sowerbry I 1834 Pilsbry & Lowe 1932 of I. Oldroyd 1924 Dall in I. Oldroyd 1924 of Grant & Gale 1931 (Dall 1908) Dall 1908 Bernard 1969 of authors not Dall 1916 (F. R. Bernard 1989) F. R. Bernard 1989 Carpenter 1864 of Dall 1921 of Bernard 1974  (Howard 1950) Howard 1950 (A. Adams & Reeve 1850) A. Adams & Reeve 1850
3501 3502 3503 3504 3505 3506 3507 3508 3509 3510 3511 3512 3513 3514 3515 3516 3517 3518 3519 3520 3521 3522 3523 3524 3525 3526	Cuspidaria (Cardiomya) lanieri  Cardiomya pectinata  Neaera pectinata  Cardiomya isolirata  Cuspidaria californica  Cuspidaria californica  Cuspidaria dulcis  Cuspidaria pectinata  Cuspidaria (Cardiomya) oldroydi  Cuspidaria (Cardiomya) pectinata  Cuspidaria (Cardiomya) pectinata  Cardiomya planetica  Cuspidaria planetica  Cuspidaria panedema  Cuspidaria apodema  Cuspidaria apodema  Luzonia walleri  Cuspidaria (Luzonia) walleri  Plectodon scaber  Leiomya (Plectodon) scaber  Leiomya (Plectodon) scabra  Superfamily Verticordioidea  Family Verticordiidae  Haliris aequacostata  Verticordii aequacostatus  Verticordia novemcostatus  Verticordia novemcostatus  Trigonulina novemcostatus  Trigonulina pacifica	Strong & Hertlein 1937 (Carpenter 1864) Carpenter 1864 Bernard 1969 Dall 1886 of authors SCB not G. B. Sowerbry I 1834 Pilsbry & Lowe 1932 of I. Oldroyd 1924 Dall in I. Oldroyd 1924 of Grant & Gale 1931 (Dall 1908) Dall 1908 Bernard 1969 of authors not Dall 1916 (F. R. Bernard 1989) F. R. Bernard 1989 Carpenter 1864 of Dall 1921 of Bernard 1974  (Howard 1950) Howard 1950 (A. Adams & Reeve 1850) A. Adams & Reeve 1850 Jung 1996

3529	Dallicordia alaskana	(Dall 1895)
3530	Lyonsiella alaskana	Dall 1895
3531	Superfamily Poromyoidea	
3532	Family Poromyidae	
3533	Dermatomya buttoni	Dall 1916
3534		
	Dermatomya tenuiconcha	(Dall 1913)
3535	Poromya (Dermatomya) tenuiconcha	Dall 1913
3536	Dermatomya tenuiconcha sagamiensis	Okutani 1962
3537	Poromya (Dermatomya) soyoae	Habe 1952
3538	Class Scaphopoda	
3539	Order Dentaliida	
3540	Family Dentaliidae	
	<del>-</del>	(C. D. Cowarby, II 1960)
3541	Antalis pretiosa	(G. B. Sowerby II 1860)
3542	Dentalium pretiosum	G. B. Sowerby II 1860
3543	Antalis columbiana	Clessin 1896
3544	Antalis densiliratum	Pilsbry & Sharp 1898
3545	Dentalium indianorum	Carpenter 1864
3546	Dentalium neohexagonum	Sharp & Pilsbry in Pilsbry & Sharp 1897
3547	Dentalium vallicolens	Raymond 1904
3548		of Abbott 1974
	Dentalium (Graptacme) vallicolens	OI ADDOIL 1974
3549	Family Rhabdidae	40.50
3550	Rhabdus rectius	(Carpenter 1864)
3551	Dentalium rectius	Carpenter 1864
3552	Dentalium watsoni	Pilsbry & Sharp 1897
3553	Dentalium (Rhabdus) rectius	of Pilsbry & Sharp 1897-98
3554	Order Gadilida	
3555	Suborder Gadilimorpha	
3556	Family Gadilidae	
3557	Subfamily Siphonodentaliinae	
3558	Polyschides quadrifissatus	(Pilsbry & Sharp 1898)
3559	Cadulus (Polyschides) quadrifissatus	Pilsbry & Sharp 1898
3560	Siphonodentalium quadrifissatum	of SCAMIT Ed 4
3561	Subfamily Gadilinae	
3562	and the control of th	Dilabry & Charn 1909
	Cadulus californicus	Pilsbry & Sharp 1898
3563	Cadulus (Platyschides) californicus	of Abbott 1974
3564	Polyschides californicus	of SCAMIT Ed 4
3565	Gadila aberrans	(Whiteaves 1887)
3566	Cadulus aberrans	Whiteaves 1887
3567	Cadulus fusiformis	Pilsbry & Sharp 1898
3568		Dall 1897
	Cadulus hepburni	
3569	Cadulus nitentior	Arnold 1903
3570	Pulsellum aberrans	of Turgeon <i>et al</i> 1988
3571	Gadila tolmiei	(Dall 1897)
3572	Cadulus tolmiei	Dall 1897
3573	Polyschides tolmiei	of Turgeon <i>et al</i> 1998
3574	· · · · · · · · · · · · · · · · · · ·	or range on ot ar 1000
	family uncertain	(D:1.1 0 Cl 1000)
3575	Compressidens stearnsii	(Pilsbry & Sharp 1898)
3576	Dentalium stearnsii	Pilsbry & Sharp 1898
3577	Dentalium (Compressidens) simplex	Pilsbry & Sharp 1897 not Michelotti 1861
3578	Class Cephalopoda	
3579	Subclass Coleoidea	
3580	Superorder Decabrachia	
	Order Sepioidea	
3581	·	
3582	Suborder Sepiolida	
3583	Family Sepiolidae	
3584	Rossia pacifica	Berry 1911
3585	Rossia borealis	Sasaki 1913
3586	Order Teuthida	
3587	Suborder Myopsina	
3588	Family Loliginidae	
3589	Doryteuthis opalescens	(Berry 1911)
3590	Loligo opalescens	Berry 1911
3591	Loligo stearnsi	Hemphill 1892
3592	Ommastrephes tryoni	of Keep 1904 not (Gabb 1864)
3593	Suborder Oegopsina	of the proof that (Subb 1004)
3594	Family Gonatidae	91:1022
3595	Gonatopsis borealis	Sasaki 1923
3596	Family Histioteuthidae	
3597	Histioteuthis heteropsis	(Berry 1913)
3598	Calliteuthis heteropsis	Berry 1913
3599	Meleagroteuthis hoylei	of Berry 1912 not (Goodrich 1896)
3600	Superorder Octobrachia	or bony to the not (Southern 1000)
3000	Superoruer Octobracilia	

3601	Order Octopoda	
3602	Suborder Cirrata	
3603	Family Opisthoteuthidae	Haahhara 1076 S
3604 3605	Opisthoteuthis sp A Suborder Incirrata	Hochberg 1976 §
3606	Family Octopodidae	
3607	Octopus bimaculoides	Pickford & McConnaughey 1949
3608	Octopus californicus	(Berry 1911)
3609	Polypus californicus	Berry 1911
3610	Octopus micropyrsus	Berry 1953
3611	Octopus rubescens	Berry 1953
3612	Polypus apollyon	Berry 1913
3613	Polypus hongkongensis	of Berry 1911 in part
3614	Octopus veligero	Berry 1953
	PHYLUM SIPUNCULA	
3616 3617	Class Sipunculidea Order Sipunculiformes	
3618	Family Sipunculidae	
3619	Siphonosoma ingens	(Fisher 1947)
3620	Siphonosomecus ingens	Fisher 1947
3621	Sipunculus nudus	Linnaeus 1766
3622	Sipunculus balanophorus	delle Chiaje 1823
3623	Sipunculus delphinus	Murina 1967
3624	Sipunculus eximioclathratus	Baird 1868
3625	Sipunculus gigas	Quatrefages 1865
3626	Sipunculus titubans	Selenka & Bülow in Selenka, de Man & Bülow 1883
3627	Syrinx nudus	of Forbes 1841
3628	Syrinx tesselatus	Rafinesque 1814
3629 3630	Order Golfingiformes	
3631	Family Golfingiidae Golfingia margaritacea	(M. Sars 1851)
3632	Sipunculus margaritaceus	M. Sars 1851
3633	Golfingia ikedai	Fisher 1952
3634	Golfingia margaritaceum californiensis	Fisher 1952
3635	Phascolosoma glossipapillosum	Satô 1934
3636	Phascolosoma japonicum	Ikeda 1904
3637	Phascolosoma noto	Satô 1934
3638	Phascolosoma okinoseanum	Ikeda 1904
3639	Phascolosoma signum	Satô 1934
3640	Phascolosoma soyo	Satô 1934
3641 3642	Golfingia sp 1 Nephasoma diaphanes	Thompson 1985 §
3643	Phascolosoma diaphanes	(Gerould 1913) Gerould 1913
3644	Golfingia minuta	of Stephen & Edmonds 1972
3645	Phascolosoma minutum	of Théel 1911 not (Kieferstein 1862)
3646	Nephasoma eremita	(M. Sars 1851)
3647	Sipunculus eremita	M. Sars 1851
3648	Golfingia elachea	Fisher 1952
3649	Golfingia eremita californica	Fisher 1952
3650	Phascolosoma digitatum	Théel 1875
3651	Sipunculus boreale	of Keferstein 1865
3652	Sipunculus (Phascolosoma) borealis	Quatrefages 1865
3653 3654	Nephasoma pellucidum	(Keferstein 1865)
3655	Phascolosoma pellucidum Golfingia coriacea	Keferstein 1865 Fisher 1950
3656	Golfingia conacea  Golfingia eremita var australe	Wesenberg-Lund 1959
3657	Golfingia eremita vari adatrate	of Murina 1968
3658	Golfingia sluiteri	of Stephen & Edmonds 1972
3659	Phascolosoma cinereum	Gerould 1908
3660	Phascolosoma riisei	Keferstein 1865
3661	Phascolosoma sluiteri	of ten Broeke 1925
3662	Phascolosoma verrillii	Gerould 1908
3663	Thysanocardia nigra	(Ikeda 1904)
3664	Phascolosoma nigrum	Ikeda 1904
3665	Golfingia catharinae	(Grube 1868)
3666	Golfingia hozawai	Stephen & Edmonds 1972
3667 3668	Golfingia macginitiei	Fisher 1952
3669	Golfingia nigra Golfingia procera	of Stephen & Edmonds 1972 of authors NEP not (Möbius 1875)
3670	Golfingia procera Golfingia pugettensis	Stephen & Edmonds 1972
3671	Phascolosoma hozawai	Satô 1937
3672	Phascolosoma hyugensis	Satô 1934
	, •	

0070		0.10.100=
3673 3674	Phascolosoma onagawa	Satô 1937
3675	Phascolosoma pavlenkoi Phascolosoma zenibakense	Ostroumov 1909 Ikeda 1924
3676	Family Phascolionidae	Ineua 1924
3677	Phascolion sp A	(SCAMIT 1985) §
3678	Onchnesoma sp A	SCAMIT 1985 §
3679	Family Themistidae	20/41111 1000 3
3680	Themiste hennahi	Gray 1828
3681	Dendrostomum lissum	Fisher 1952
3682	Dendrostomum perimeces	Fisher 1928
3683	Dendrostomum schmitti	Fisher 1952
3684	Dendrostomum zostericola	Chamberlin 1920
3685	Themiste lissa	(Fisher 1952)
3686	Themiste perimeces	(Fisher 1928)
3687	Themiste zostericola	(Chamberlin 1920)
3688	Class Phascolosomatidea	
3689	Order Phascolosomatiformes	
3690	Family Phascolosomatidae	
3691	Apionsoma misakianum	(Ikeda 1904)
3692	Phascolosoma misakianum	Ikeda 1904
3693	Apionsoma misakiana	of E. Cutler, N. Cutler & Nishikawa 1984
3694	Golfingia hespera	of Fisher 1952
3695	Golfingia (Mitosiphon) misakiana	of Stephen & Edmonds 1972
3696	Golfingia (Phascolana) longirostris	Wesenberg-Lund 1959
3697	Golfingia (Phascolana) tenuissima	Wesenberg-Lund 1959
3698	Phascolosoma hespera	Chamberlin 1920
3699	Apionsoma trichocephala	Sluiter 1902
3700	Phascolosoma pusillum	Sluiter 1912
3701	Apionsoma sp SD1	Pasko 1997 §
3702	Phascolosoma agassizii	Keferstein 1866 Murina 1975
3703 3704	Phascolosoma (Rueppellisoma) golikovi	Grube 1877
3704	Phascolosoma japonicum Phymosoma lordi	Baird 1868;
3706	Physcosoma formosense	Satô 1939
3707	Physcosoma glaucum	Sató 1930
3708	Physcosoma yezoense	Ikeda 1924
3709	Order Aspidosiphoniformes	modu 1024
3710	Family Aspidosiphonidae	
3711	Aspidosiphon (Paraspidosiphon) sp	
	PHYLUM ECHIURA	
3713	Class Echiuridea	
3714	Order Bonelloinea	
3715	Family Bonelliidae	
3716	Nellobia eusoma	Fisher 1946
3717	Order Echiuroinea	
3718	Family Thalassematidae	
3719	Arhynchite californicus	Fisher 1947
3720	Listriolobus hexamyotus	Fisher 1949
3721	Listriolobus pelodes	Fisher 1946
3722	Order Xenopneusta	
3723	Family Urechidae	E. 1 6 M C. W. 1000
3724	Urechis caupo	Fisher & MacGinitie 1928
	PHYLUM ANNELIDA Class Palvaheata	
3726	Class Polychaeta Subclass Scolecida	
3727 3728	Family Arenicolidae	
3729	Abarenicola pacifica	Healy & Wells 1959
3730	Abarenicola pusilla	of Berkeley & Berkeley 1952 in part not Quatrefages 1865
3731	Arenicola cristata	Stimpson 1856
3732	Branchiomaldane simplex	Berkeley & Berkeley 1932
3733	Family Capitellidae	Between a Between 1932
3734	Amastigos acutus	Piltz 1977
3735	Anotomastus gordiodes	(Moore 1909)
3736	Eunotomastus gordiodes	Moore 1909
3737	Barantolla sp	
3738	Capitella capitata Cmplx	
3739	Capitella capitata	of authors NEP not (Fabricius 1780)
3740	Capitella teleta	Blake et al 2009
3741	Dasybranchus glabrus	Moore 1909
3742	Decamastus gracilis	Hartman 1963
3743	Dodecamastus mariaensis	Blake 2000
3744	Dodecaseta oraria	McCammon & Stull 1978

0745		
3745 3746	Heteromastus filiformis Cmplx  Heteromastus filiformis	of outhors NED and (Classes) do 4004)
3746 3747	Heteromastus filobranchus	of authors NEP not (Claparède 1864) Berkeley & Berkeley 1932
3747	Leiochrides hemipodus	Hartman 1960
3749	Mediomastus acutus	Hartman 1969
3750	Mediomastus ambiseta	(Hartman 1947)
3751	Capitita ambiseta	Hartman 1947
3752	Mediomastus californiensis	Hartman 1944
3753	Mediomastus capensis	of Fournier & Levings 1982 not Day 1961
3754	Notomastus latericeus	M. Sars 1851
3755	Notomastus lineatus	Claparède 1870
3756	Notomastus magnus	Hartman 1947
3757	Dasybranchus giganteus	of Moore 1909 not Moore 1906
3758	Notomastus giganteus	of E. Berkeley 1941
3759	Notomastus tenuis	Moore 1909
3760 3761	Notomastus hemipodus	of authors NEP not Hartman 1945
3762	Notomastus sp A  Notomastus tenuis	SCAMIT 2001 § of authors NEP not Moore 1909
3763	Notomastus sp SD2	Rowe 1999 §
3764	Notomastus sp SD3	Rowe 2004 §
3765	Scyphoproctus oculatus	Reish 1959
3766	Family Cossuridae	10001 1909
3767	Cossura brunnea	Fauchald 1972
3768	Cossura candida	Hartman 1955
3769	Cossura rostrata	of Lissner et al 1986 in part not Fauchald 1972
3770	Cossura modica	Fauchald & Hancock 1981
3771	Cossura pygodactylata	Jones 1956
3772	Cossura lepida	Tamai 1986
3773	Cossura sp A	Phillips 1987 §
3774	Family Maldanidae	
3775	Subfamily Euclymeninae	(7.1 1001)
3776	Axiothella rubrocincta	(Johnson 1901)
3777	Clymenella rubrocincta	Johnson 1901
3778 3779	Clymenella complanata Clymenella sp A	Hartman 1969 Harris 1985 §
3780	Clymenella sp SD1	Rowe 2006 §
3781	Clymeneta sp 3D1 Clymenura columbiana	(E. Berkeley 1929)
3782	Leiochone columbiana	E. Berkeley 1929
3783	Clymenura gracilis	Hartman 1969
3784	Euclymene campanula	Hartman 1969
3785	Euclymeninae sp A	SCAMIT 1987 §
3786	Euclymeninae sp B	SCAMIT 1987 § in part
3787	Maldanidae sp 1	Lovell & Phillips 1995 §
3788	Euclymeninae sp B	SCAMIT 1987 §
3789	Isocirrus longiceps	(Moore 1923)
3790	Pseudoclymene longiceps	Moore 1923
3791	Maldanella catalinia	(Hartman 1969)
3792	Axiothella catalinia	Hartman 1969
3793 3794	Maldanella robusta Petaloclymene pacifica	Moore 1906 Green 1997
379 <del>4</del> 3795	Praxillella gracilis	(M. Sars 1861)
3796	Clymene gracilis	M. Sars 1861
3797	Praxillella pacifica	E. Berkeley 1929
3798	Subfamily Lumbriclymeninae	2. Bellieley 1727
3799	Lumbriclymene sp	
3800	Notoproctus pacificus	(Moore 1906)
3801	Lumbriclymene (Notoproctus) pacifica	Moore 1906
3802	Subfamily Maldaninae	
3803	Maldane californiensis	Green 1991
3804	Maldane sarsi	Malmgren 1865
3805	Metasychis disparidentatus	(Moore 1904)
3806	Asychis disparidentata	Moore 1904
3807	Sonatsa carinata	(Moore 1923)
3808 3809	Maldane carinata Subfamily Nicomachinae	Moore 1923
3809 3810	Subfamily Nicomachinae Nicomache lumbricalis	(Fabricius 1780)
3811	Sabella lumbricalis	Fabricius 1780
3812	Nicomache personata	Johnson 1901
3813	Petaloproctus borealis	Arwidsson 1907
3814	Petaloproctus neoborealis	Hartman 1969
3815	Petaloproctus ornatus	Hartman 1969
3816	Petaloproctus tenuis	(Théel 1879)

3817	Maldane tenuis	Théel 1879
3818	Praxillura maculata	Moore 1923
3819	Subfamily Rhodininae	
3820	Rhodine bitorquata	Moore 1923
3821	Family Opheliidae	
3822	Armandia cf agilis	(Andrews 1891)
3823	Ophelina agilis	Andrews 1891
3824	Armandia brevis	(Moore 1906)
3825 3826	Ammotrypane brevis Armandia bioculata	Moore 1906 Hartman 1938
3827	Armandia sp SD1	Rowe 1999 §
3828	Ophelia assimilis	Tebble 1953
3829	Ophelia limacina	(Rathke 1843)
3830	Ammotrypane limacina	Rathke 1843
3831	Ophelia pulchella	Tebble 1953
3832	Ophelina acuminata	Ørsted 1843
3833	Ammotrypane aulogaster	Rathke 1843
3834	Ophelina farallonensis	Blake 2000
3835 3836	Ophelina pallida	(Hartman 1960)
3837	Ammotrypane pallida Ophelina sp SD2	Hartman 1960 Rowe 2004 §
3838	Ophelina sp SD1	Rowe 1995 §
3839	Polyophthalmus pictus	(Dujardin 1839)
3840	Nais pictus	Dujardin 1839
3841	Thoracophelia dillonensis	(Hartman 1938)
3842	Pectinophelia dillonensis	Hartman 1938
3843	Euzonus dillonensis	(Hartman 1938)
3844	Thoracophelia mucronata	(Treadwell 1914)
3845	Ophelia (Thoracophelia) mucronata	Treadwell 1914
3846	Euzonus mucronata	of Hartman 1969
3847 3848	Family Orbiniidae	Hartman 1957
3849	Califia calida Leitoscoloplos panamensis	(Monro 1933)
3850	Haploscoloplos panamensis	Monro 1933
3851	Leitoscoloplos pugettensis	(Pettibone 1957)
3852	Scoloplos (Scoloplos) pugettensis	Pettibone 1957
3853	Scoloplos elongata	Johnson 1901
3854	Haploscoloplos elongata	of Hartman 1944
3855	Haploscoloplos elongatus	of Hartman 1957
3856	Leitoscoloplos elongata	of Day 1977
3857	Leitoscoloplos sp A	Williams 1976 §
3858 3859	Naineris dendritica Anthostoma dendriticum	(Kinberg 1867) Kinberg 1867
3860	Naineris laevigata	of Berkeley & Berkeley 1952 not (Grube 1855)
3861	Naineris longa	Moore 1909
3862	Naineris nannobranchia	Chamberlin 1919
3863	Naineris robusta	Moore 1909
3864	Naineris cf grubei	(Gravier 1908)
3865	Scoloplos grubei	Gravier 1908
3866	Naineris quadricuspida	(Fabricius 1780)
3867	Nais quadricuspida	Fabricius 1780
3868 3869	Naineris uncinata	Hartman 1957 Pettibone 1957
3870	Naineris berkeleyorum <i>Orbinia johnsoni</i>	(Moore 1909)
3871	Aricia johnsoni	Moore 1909
3872	Phylo felix	Kinberg 1866
3873	Aricia michaelseni	Ehlers 1897
3874	Phylo nudus	(Moore 1911)
3875	Aricia nuda	Moore 1911
3876	Protoarciella sp A	Williams 1976 §
3877	Scoloplos acmeceps	Chamberlin 1919
3878	Scoloplos acmeceps profundus	Hartman 1960
3879 3880	Scoloplos armiger Cmplx  Family Paraonidae	
3881	Aricidea (Acmira) catherinae	Laubier 1967
3882	Acmira catherinae	of authors SCB
3883	Acmira cadreniac	of Lissner et al 1986 in part not (Tebble 1959)
3884	Acmira sp A	of Lissner et al 1986
3885	Aricidea (Acesta) catherinae	of Strelzov 1973
3886	Aricidea jeffreysii	of Pettibone 1963 not McIntosh 1879
3887	Aricidea lopezi	of Hartman 1963 not Berkeley & Berkeley 1956
3888	Aricidea zelenzovi	Strelzov 1968

3889	Aricidea (Acmira) cerrutii	Laubier 1966
3890	Acmira cerrutii	of authors SCB
3891	Aricidea (Acesta) cerrutti	of Strelzov 1973
3892	Aricidea (Acmira) horikoshii	Imajima 1973
3893	Acmira horikoshii	of authors SCB
3894	Aricidea (Acmira) lopezi	Berkeley & Berkeley 1956
3895	Acmira lopezi	of authors SCB
3896	Aricidea fauveli	Hartman 1957
3897	Aricidea fragilis	of Fauvel 1936 not Webster 1879
	•	
3898	Aricidea (Acesta) lopezi lopezi	of Strelzov 1973
3899	Aricidea suecica	of Buzhinskaya 1967 not Eliason 1920
3900	Aricidea (Acmira) rubra	Hartman 1963
3901	Acmira assimilis	of Lissner et al 1986 in part not (Tebble 1959)
3902	Acmira sp B	of Steinhauer & Imamura 1990
3903	Aedicira sp A	of Lissner et al 1986
3904	Aricidea (Acesta) finitima	Strelzov 1973
3905	Aricidea longobranchiata	of Day 1961 in part
3906	Aricidea lopezi rubra	Hartman 1963
3907	•	Day 1963
	Aricidea (Acmira) simplex	•
3908	Acmira simplex	of authors SCB
3909	Aricidea (Acesta) simplex	of Strelzov 1973
3910	Aricidea neosuecica	Hartman 1965
3911	Aricidea neosuecica japonica	Imajima 1973
3912	Aricidea suecica simplex	Day 1963
3913	Aricidea uschakovi	of Levenstein 1966 not Zachs 1925
3914	Aricidea (Acmira) taylori	Pettibone 1965
3915	Aricidea (Aricidea) taylori	Pettibone 1965
3916	Aricidea (Acesta) taylori	of Strelsov 1973
3917	Aricidea (Acmira) sp SD1	Barwick 1999 §
3918	Aricidea (Aedicira) pacifica	Hartman 1944
3919	Aedicira pacifica	of Hartman 1969
3920	Aricidea (Allia) antennata	Annenkova 1934
3921	Allia antennata	of authors SCB
3922	Aricidea (Allia) quadrilobata	of Strelzov 1973 in part not Webster & Benedict 1887
3923	Aricidea antennata	of Hartman 1969
3924	Aricidea longicornuta	Berkeley & Berkeley 1950
3925	Aricidea uschakovi	of Annenkova 1937 not Zachs 1925
3923	Alicidea decitarovi	OF ATTRETROVA 1937 HOL Zachs 1925
2020	A : - : - I ( A 11 : - )	D1-1 1006
3926	Aricidea (Allia) hartleyi	Blake 1996
3927	Aricidea cf. nolani	Lovell 1977 §
3927 3928	· · · · · · · · · · · · · · · · · · ·	
3927	Aricidea cf. nolani	Lovell 1977 §
3927 3928	Aricidea cf. nolani Aricidea (Allia) monicae	Lovell 1977 § Laubier 1967
3927 3928 3929	Aricidea cf. nolani Aricidea (Allia) monicae Allia monicae	Lovell 1977 § Laubier 1967 of authors SCB
3927 3928 3929 3930	Aricidea cf. nolani Aricidea (Allia) monicae Allia monicae Aricidea uschakovi Aricidea (Allia) quadrilobata	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887
3927 3928 3929 3930 3931 3932	Aricidea cf. nolani Aricidea (Allia) monicae Allia monicae Aricidea uschakovi Aricidea (Allia) quadrilobata Aricidea (Allia) sp A	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 §
3927 3928 3929 3930 3931 3932 3933	Aricidea cf. nolani Aricidea (Allia) monicae Allia monicae Aricidea uschakovi Aricidea (Allia) quadrilobata Aricidea (Allia) sp A Allia ramosa	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934)
3927 3928 3929 3930 3931 3932 3933 3934	Aricidea cf. nolani Aricidea (Allia) monicae Allia monicae Aricidea uschakovi Aricidea (Allia) quadrilobata Aricidea (Allia) sp A Allia ramosa Aricidea (Aricidea) ramosa	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934
3927 3928 3929 3930 3931 3932 3933 3934 3935	Aricidea cf. nolani Aricidea (Allia) monicae Allia monicae Aricidea uschakovi Aricidea (Allia) quadrilobata Aricidea (Allia) sp A Allia ramosa Aricidea (Aricidea) ramosa Aricidea (Allia) sp SD1	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 §
3927 3928 3929 3930 3931 3932 3933 3934 3935 3936	Aricidea cf. nolani Aricidea (Allia) monicae Allia monicae Aricidea uschakovi Aricidea (Allia) quadrilobata Aricidea (Allia) sp A Allia ramosa Aricidea (Aricidea) ramosa Aricidea (Allia) sp SD1 Aricidea (Aricidea) pseudoarticulata	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 § Hobson 1972
3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937	Aricidea cf. nolani Aricidea (Allia) monicae Allia monicae Aricidea uschakovi Aricidea (Allia) quadrilobata Aricidea (Allia) sp A Allia ramosa Aricidea (Aricidea) ramosa Aricidea (Allia) sp SD1 Aricidea (Aricidea) pseudoarticulata Aricidea (Aricidea) wassi	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 § Hobson 1972 Pettibone 1965
3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937 3938	Aricidea cf. nolani Aricidea (Allia) monicae Allia monicae Aricidea uschakovi Aricidea (Allia) quadrilobata Aricidea (Allia) sp A Allia ramosa Aricidea (Aricidea) ramosa Aricidea (Allia) sp SD1 Aricidea (Aricidea) pseudoarticulata Aricidea (Aricidea) wassi Aricidea (Aricidea) sp SD1	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 § Hobson 1972 Pettibone 1965 Barwick 1996 §
3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937 3938 3939	Aricidea cf. nolani Aricidea (Allia) monicae Allia monicae Aricidea uschakovi Aricidea (Allia) quadrilobata Aricidea (Allia) sp A Allia ramosa Aricidea (Aricidea) ramosa Aricidea (Allia) sp SD1 Aricidea (Aricidea) pseudoarticulata Aricidea (Aricidea) wassi Aricidea (Aricidea) sp SD1 Cirrophorus branchiatus	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 § Hobson 1972 Pettibone 1965 Barwick 1996 § Ehlers 1908
3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937 3938	Aricidea cf. nolani Aricidea (Allia) monicae Allia monicae Aricidea uschakovi Aricidea (Allia) quadrilobata Aricidea (Allia) sp A Allia ramosa Aricidea (Aricidea) ramosa Aricidea (Allia) sp SD1 Aricidea (Aricidea) pseudoarticulata Aricidea (Aricidea) wassi Aricidea (Aricidea) sp SD1	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 § Hobson 1972 Pettibone 1965 Barwick 1996 §
3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937 3938 3939	Aricidea cf. nolani Aricidea (Allia) monicae Allia monicae Aricidea uschakovi Aricidea (Allia) quadrilobata Aricidea (Allia) sp A Allia ramosa Aricidea (Aricidea) ramosa Aricidea (Allia) sp SD1 Aricidea (Aricidea) pseudoarticulata Aricidea (Aricidea) wassi Aricidea (Aricidea) sp SD1 Cirrophorus branchiatus	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 § Hobson 1972 Pettibone 1965 Barwick 1996 § Ehlers 1908
3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937 3938 3939 3940	Aricidea cf. nolani Aricidea (Allia) monicae Allia monicae Aricidea uschakovi Aricidea (Allia) quadrilobata Aricidea (Allia) sp A Allia ramosa Aricidea (Aricidea) ramosa Aricidea (Allia) sp SD1 Aricidea (Aricidea) pseudoarticulata Aricidea (Aricidea) wassi Aricidea (Aricidea) sp SD1 Cirrophorus branchiatus Aricidea (Cirrophorus) aciculata	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 § Hobson 1972 Pettibone 1965 Barwick 1996 § Ehlers 1908 Hartman 1957
3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937 3938 3939 3940 3941	Aricidea cf. nolani Aricidea (Allia) monicae Allia monicae Aricidea uschakovi Aricidea (Allia) quadrilobata Aricidea (Allia) sp A Allia ramosa Aricidea (Aricidea) ramosa Aricidea (Allia) sp SD1 Aricidea (Aricidea) pseudoarticulata Aricidea (Aricidea) pseudoarticulata Aricidea (Aricidea) sp SD1 Cirrophorus branchiatus Aricidea (Cirrophorus) aciculata Aricidea (Cirrophorus) branchiatus Aricidea (Cirrophorus) branchiatus	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 § Hobson 1972 Pettibone 1965 Barwick 1996 § Ehlers 1908 Hartman 1957 of Hartman 1957 of Cerruti 1909
3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937 3938 3939 3940 3941 3942 3943	Aricidea cf. nolani Aricidea (Allia) monicae Allia monicae Aricidea uschakovi Aricidea (Allia) quadrilobata Aricidea (Allia) sp A Allia ramosa Aricidea (Aricidea) ramosa Aricidea (Aricidea) ps SD1 Aricidea (Aricidea) pseudoarticulata Aricidea (Aricidea) wassi Aricidea (Aricidea) sp SD1 Cirrophorus branchiatus Aricidea (Cirrophorus) aciculata Aricidea (Cirrophorus) branchiatus Aricidea branchiatus Cirrophorus aciculatus	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 § Hobson 1972 Pettibone 1965 Barwick 1996 § Ehlers 1908 Hartman 1957 of Hartman 1957 of Cerruti 1909 of Hartman 1969
3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937 3938 3939 3940 3941 3942 3943 3944	Aricidea cf. nolani Aricidea (Allia) monicae Alia monicae Aricidea uschakovi Aricidea (Allia) quadrilobata Aricidea (Allia) sp A Allia ramosa Aricidea (Aricidea) ramosa Aricidea (Aricidea) ps SD1 Aricidea (Aricidea) pseudoarticulata Aricidea (Aricidea) wassi Aricidea (Aricidea) sp SD1 Cirrophorus branchiatus Aricidea (Cirrophorus) aciculata Aricidea (Cirrophorus) branchiatus Aricidea (Cirrophorus) branchiatus Aricidea (Cirrophorus) circulata Aricidea (Cirrophorus) circulata Aricidea (Cirrophorus) branchiatus Cirrophorus aciculatus	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 § Hobson 1972 Pettibone 1965 Barwick 1996 § Ehlers 1908 Hartman 1957 of Cerruti 1909 of Hartman 1969 (Hartman 1969)
3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937 3938 3939 3940 3941 3942 3943 3944 3945	Aricidea cf. nolani Aricidea (Allia) monicae Alia monicae Aricidea uschakovi Aricidea (Allia) quadrilobata Aricidea (Allia) sp A Allia ramosa Aricidea (Aricidea) ramosa Aricidea (Allia) sp SD1 Aricidea (Aricidea) pseudoarticulata Aricidea (Aricidea) sp SD1 Cirrophorus branchiatus Aricidea (Cirrophorus) aciculata Aricidea (Cirrophorus) branchiatus Aricidea (Cirrophorus branchiatus Cirrophorus aciculatus Cirrophorus furcatus Aricidea (Cirrophorus) furcatus	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 § Hobson 1972 Pettibone 1965 Barwick 1996 § Ehlers 1908 Hartman 1957 of Hartman 1957 of Cerruti 1909 of Hartman 1969 (Hartman 1957) Hartman 1957
3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937 3938 3939 3940 3941 3942 3943 3944 3945 3946	Aricidea cf. nolani Aricidea (Allia) monicae Alia monicae Aricidea uschakovi Aricidea (Allia) quadrilobata Aricidea (Allia) sp A Allia ramosa Aricidea (Aricidea) ramosa Aricidea (Allia) sp SD1 Aricidea (Aricidea) pseudoarticulata Aricidea (Aricidea) pseudoarticulata Aricidea (Aricidea) sp SD1 Cirrophorus branchiatus Aricidea (Cirrophorus) aciculata Aricidea (Cirrophorus) branchiatus Aricidea (Cirrophorus) furcatus Cirrophorus furcatus Aricidea (Cirrophorus) furcatus Cirrophorus ci lyriformis	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 § Hobson 1972 Pettibone 1965 Barwick 1996 § Ehlers 1908 Hartman 1957 of Hartman 1957 of Cerruti 1909 of Hartman 1957 of Laubier & Ramos 1974
3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937 3938 3939 3940 3941 3942 3943 3944 3945 3946 3947	Aricidea cf. nolani Aricidea (Allia) monicae Allia monicae Aricidea uschakovi Aricidea (Allia) quadrilobata Aricidea (Allia) sp A Allia ramosa Aricidea (Aricidea) ramosa Aricidea (Allia) sp SD1 Aricidea (Aricidea) pseudoarticulata Aricidea (Aricidea) pseudoarticulata Aricidea (Aricidea) sp SD1 Cirrophorus branchiatus Aricidea (Cirrophorus) aciculata Aricidea (Cirrophorus) branchiatus Aricidea (Cirrophorus) branchiatus Cirrophorus furcatus Cirrophorus furcatus Cirrophorus furcatus Cirrophorus furcatus Cirrophorus cf lyriformis Levinsenia gracilis	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 § Hobson 1972 Pettibone 1965 Barwick 1996 § Ehlers 1908 Hartman 1957 of Hartman 1957 of Cerruti 1909 of Hartman 1969 (Hartman 1957) Hartman 1957 of Laubier & Ramos 1974 (Tauber 1879)
3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937 3938 3939 3940 3941 3942 3943 3944 3945 3946 3947 3948	Aricidea cf. nolani  Aricidea (Allia) monicae  Allia monicae  Aricidea (Allia) quadrilobata  Aricidea (Allia) sp A  Allia ramosa  Aricidea (Aricidea) ramosa  Aricidea (Aricidea) pseudoarticulata  Aricidea (Aricidea) pseudoarticulata  Aricidea (Aricidea) sp SD1  Aricidea (Aricidea) sp SD1  Cirrophorus branchiatus  Aricidea (Cirrophorus) aciculata  Aricidea (Cirrophorus) branchiatus  Aricidea (Cirrophorus) branchiatus  Cirrophorus furcatus  Cirrophorus furcatus  Aricidea (Cirrophorus) furcatus  Cirrophorus civilianus  Cirrophorus civilianus  Aricidea (Cirrophorus) furcatus  Cirrophorus civilianus  Cirrophorus civilianus  Aricidea (Cirrophorus) furcatus  Cirrophorus civilianus  Aricidea (Cirrophorus) furcatus  Cirrophorus civilianus  Aricidea (Cirrophorus) furcatus  Cirrophorus civilianus	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 § Hobson 1972 Pettibone 1965 Barwick 1996 § Ehlers 1908 Hartman 1957 of Hartman 1957 of Cerruti 1909 of Hartman 1969 (Hartman 1957) Hartman 1957 of Laubier & Ramos 1974 (Tauber 1879) Tauber 1879
3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937 3938 3939 3940 3941 3942 3943 3944 3945 3944 3945 3946 3947 3948 3949	Aricidea cf. nolani  Aricidea (Allia) monicae  Allia monicae  Aricidea uschakovi  Aricidea (Allia) quadrilobata  Aricidea (Allia) sp A  Allia ramosa  Aricidea (Aricidea) ramosa  Aricidea (Aricidea) pseudoarticulata  Aricidea (Aricidea) pseudoarticulata  Aricidea (Aricidea) sp SD1  Aricidea (Aricidea) sp SD1  Cirrophorus branchiatus  Aricidea (Cirrophorus) aciculata  Aricidea (Cirrophorus) branchiatus  Aricidea branchiatus  Cirrophorus aciculatus  Cirrophorus furcatus  Aricidea (Cirrophorus) furcatus  Cirrophorus of lyriformis  Levinsenia gracilis  Aonides gracilis  Paraonis (Paraonis) ivanovi	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 § Hobson 1972 Pettibone 1965 Barwick 1996 § Ehlers 1908 Hartman 1957 of Hartman 1957 of Hartman 1957 of Laubier 8 Ramos 1974 (Tauber 1879) Tauber 1879 of Banse & Hobson 1968
3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937 3938 3939 3940 3941 3942 3943 3944 3945 3946 3947 3948	Aricidea cf. nolani  Aricidea (Allia) monicae  Allia monicae  Aricidea (Allia) quadrilobata  Aricidea (Allia) sp A  Allia ramosa  Aricidea (Aricidea) ramosa  Aricidea (Aricidea) pseudoarticulata  Aricidea (Aricidea) pseudoarticulata  Aricidea (Aricidea) sp SD1  Aricidea (Aricidea) sp SD1  Cirrophorus branchiatus  Aricidea (Cirrophorus) aciculata  Aricidea (Cirrophorus) branchiatus  Aricidea (Cirrophorus) branchiatus  Cirrophorus furcatus  Cirrophorus furcatus  Aricidea (Cirrophorus) furcatus  Cirrophorus civilianus  Cirrophorus civilianus  Aricidea (Cirrophorus) furcatus  Cirrophorus civilianus  Cirrophorus civilianus  Aricidea (Cirrophorus) furcatus  Cirrophorus civilianus  Aricidea (Cirrophorus) furcatus  Cirrophorus civilianus  Aricidea (Cirrophorus) furcatus  Cirrophorus civilianus	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 § Hobson 1972 Pettibone 1965 Barwick 1996 § Ehlers 1908 Hartman 1957 of Hartman 1957 of Cerruti 1909 of Hartman 1969 (Hartman 1957) Hartman 1957 of Laubier & Ramos 1974 (Tauber 1879) Tauber 1879
3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937 3938 3939 3940 3941 3942 3943 3944 3945 3944 3945 3946 3947 3948 3949	Aricidea cf. nolani  Aricidea (Allia) monicae  Allia monicae  Aricidea uschakovi  Aricidea (Allia) quadrilobata  Aricidea (Allia) sp A  Allia ramosa  Aricidea (Aricidea) ramosa  Aricidea (Aricidea) pseudoarticulata  Aricidea (Aricidea) pseudoarticulata  Aricidea (Aricidea) sp SD1  Aricidea (Aricidea) sp SD1  Cirrophorus branchiatus  Aricidea (Cirrophorus) aciculata  Aricidea (Cirrophorus) branchiatus  Aricidea branchiatus  Cirrophorus aciculatus  Cirrophorus furcatus  Aricidea (Cirrophorus) furcatus  Cirrophorus of lyriformis  Levinsenia gracilis  Aonides gracilis  Paraonis (Paraonis) ivanovi	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 § Hobson 1972 Pettibone 1965 Barwick 1996 § Ehlers 1908 Hartman 1957 of Hartman 1957 of Hartman 1957 of Laubier 8 Ramos 1974 (Tauber 1879) Tauber 1879 of Banse & Hobson 1968
3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937 3938 3939 3940 3941 3942 3943 3944 3945 3944 3945 3946 3947 3948 3949 3950	Aricidea cf. nolani  Aricidea (Allia) monicae  Allia monicae  Aricidea uschakovi  Aricidea (Allia) quadrilobata  Aricidea (Allia) sp A  Allia ramosa  Aricidea (Aricidea) ramosa  Aricidea (Aricidea) pseudoarticulata  Aricidea (Aricidea) pseudoarticulata  Aricidea (Aricidea) sp SD1  Aricidea (Aricidea) sp SD1  Cirrophorus branchiatus  Aricidea (Cirrophorus) aciculata  Aricidea (Cirrophorus) branchiatus  Aricidea (Cirrophorus) branchiatus  Cirrophorus furcatus  Aricidea (Cirrophorus) furcatus  Cirrophorus furcatus  Aricidea (Cirrophorus) furcatus  Cirrophorus fircatus  Aricidea (Cirrophorus) furcatus  Cirrophorus flurcatus  Aricidea (Cirrophorus) furcatus  Cirrophorus (Paraonis) ivanovi  Paraonis (Paraonides) gracilis	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 § Hobson 1972 Pettibone 1965 Barwick 1996 § Ehlers 1908 Hartman 1957 of Hartman 1957 of Cerruti 1909 of Hartman 1957 of Laubier & Ramos 1974 (Tauber 1879) Tauber 1879 of Banse & Hobson 1968 of Monro 1930
3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937 3938 3939 3940 3941 3942 3943 3944 3945 3946 3947 3948 3949 3950 3951 3952	Aricidea cf. nolani  Aricidea (Allia) monicae  Allia monicae  Aricidea uschakovi  Aricidea (Allia) quadrilobata  Aricidea (Allia) sp A  Allia ramosa  Aricidea (Aricidea) ramosa  Aricidea (Aricidea) pseudoarticulata  Aricidea (Aricidea) pseudoarticulata  Aricidea (Aricidea) wassi  Aricidea (Aricidea) wassi  Aricidea (Aricidea) sp SD1  Cirrophorus branchiatus  Aricidea (Cirrophorus) aciculata  Aricidea (Cirrophorus) branchiatus  Cirrophorus aciculatus  Cirrophorus furcatus  Aricidea (Cirrophorus) furcatus  Cirrophorus fircatus  Aricidea (Cirrophorus) furcatus  Cirrophorus furcatus	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 § Hobson 1972 Pettibone 1965 Barwick 1996 § Ehlers 1908 Hartman 1957 of Hartman 1957 of Cerruti 1909 of Hartman 1957 of Laubier & Ramos 1974 (Tauber 1879) Tauber 1879 of Banse & Hobson 1968 of Monro 1930 of Cerruti 1909 Hartman 1953
3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937 3938 3939 3940 3941 3942 3943 3944 3945 3946 3947 3948 3949 3950 3951 3952 3953	Aricidea cf. nolani  Aricidea (Allia) monicae  Allia monicae  Aricidea uschakovi  Aricidea (Allia) quadrilobata  Aricidea (Allia) sp A  Allia ramosa  Aricidea (Aricidea) ramosa  Aricidea (Aricidea) pseudoarticulata  Aricidea (Aricidea) pseudoarticulata  Aricidea (Aricidea) wassi  Aricidea (Aricidea) sp SD1  Cirrophorus branchiatus  Aricidea (Cirrophorus) aciculata  Aricidea (Cirrophorus) branchiatus  Cirrophorus aciculatus  Cirrophorus furcatus  Aricidea (Cirrophorus) furcatus  Cirrophorus fircatus  Aricidea (Cirrophorus) furcatus  Cirrophorus furcatus	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 § Hobson 1972 Pettibone 1965 Barwick 1996 § Ehlers 1908 Hartman 1957 of Hartman 1957 of Cerruti 1909 of Hartman 1957) Hartman 1957 of Laubier & Ramos 1974 (Tauber 1879) Tauber 1879 Tauber 1879 of Banse & Hobson 1968 of Monro 1930 of Cerruti 1909 Hartman 1953 Hartmann-Schröder 1965
3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937 3938 3939 3940 3941 3942 3943 3944 3945 3946 3947 3948 3949 3950 3951 3952 3953 3953	Aricidea cf. nolani  Aricidea (Allia) monicae  Allia monicae  Aricidea uschakovi  Aricidea (Allia) gadrilobata  Aricidea (Allia) sp A  Allia ramosa  Aricidea (Aricidea) ramosa  Aricidea (Allia) sp SD1  Aricidea (Aricidea) pseudoarticulata  Aricidea (Aricidea) wassi  Aricidea (Aricidea) sp SD1  Cirrophorus branchiatus  Aricidea (Cirrophorus) branchiatus  Aricidea (Cirrophorus) branchiatus  Aricidea (Cirrophorus) furcatus  Cirrophorus furcatus  Aricidea (Cirrophorus) furcatus  Cirrophorus furcatus  Aricidea (Cirrophorus) furcatus  Cirrophorus furcatus  Aricidea (Cirrophorus) furcatus  Cirrophorus (Paraonis) vanovi  Paraonis (Paraonis) yacilis  Paraonis (Paraonis) gracilis  Paraonis gracilis minuta  Tauberia gracilis minuta	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 § Hobson 1972 Pettibone 1965 Barwick 1996 § Ehlers 1908 Hartman 1957 of Hartman 1957 of Cerruti 1909 of Hartman 1969 (Hartman 1957) Hartman 1957) Hartman 1957 of Laubier & Ramos 1974 (Tauber 1879) Tauber 1879 of Banse & Hobson 1968 of Monro 1930 of Cerruti 1909 Hartman 1953 Hartmann-Schröder 1965 of Strelzov 1973
3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937 3938 3939 3940 3941 3942 3943 3944 3945 3946 3947 3948 3949 3950 3951 3952 3953 3954 3955	Aricidea cf. nolani  Aricidea (Allia) monicae  Allia monicae  Aricidea uschakovi  Aricidea (Allia) quadrilobata  Aricidea (Allia) sp A  Allia ramosa  Aricidea (Aricidea) ramosa  Aricidea (Aricidea) pseudoarticulata  Aricidea (Aricidea) pseudoarticulata  Aricidea (Aricidea) sp SD1  Aricidea (Aricidea) sp SD1  Cirrophorus branchiatus  Aricidea (Cirrophorus) aciculata  Aricidea (Cirrophorus) branchiatus  Aricidea (Cirrophorus) branchiatus  Cirrophorus furcatus  Aricidea (Cirrophorus) furcatus  furcatus	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 § Hobson 1972 Pettibone 1965 Barwick 1996 § Ehlers 1908 Hartman 1957 of Hartman 1957 of Cerruti 1909 of Hartman 1957 of Laubier & Ramos 1974 (Tauber 1879) Tauber 1879 of Banse & Hobson 1968 of Monro 1930 of Cerruti 1909 Hartman 1953 Hartmann-Schröder 1965 of Strelzov 1973 (Hartman 1957)
3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937 3938 3939 3940 3941 3942 3943 3944 3945 3944 3945 3946 3947 3948 3949 3950 3951 3952 3953 3954 3955 3956	Aricidea cf. nolani  Aricidea (Allia) monicae  Allia monicae  Aricidea (Allia) quadrilobata  Aricidea (Allia) sp A  Allia ramosa  Aricidea (Aricidea) ramosa  Aricidea (Aricidea) pseudoarticulata  Aricidea (Aricidea) pseudoarticulata  Aricidea (Aricidea) sp SD1  Aricidea (Aricidea) sp SD1  Cirrophorus branchiatus  Aricidea (Cirrophorus) aciculata  Aricidea (Cirrophorus) branchiatus  Aricidea (Cirrophorus) branchiatus  Cirrophorus furcatus  Aricidea (Cirrophorus) furcatus  Cirrophorus fircatus  Aricidea (Cirrophorus) furcatus  Cirrophorus fircatus  Aricidea (Cirrophorus) furcatus  Cirrophorus fircatus  Aricidea (Paraonis) furcatus  Cirrophorus (Paraonis) ivanovi  Paraonis (Paraonis) gracilis  Paraonis (Paraonis) gracilis  Paraonis gracilis minuta  Tauberia gracilis  Levinsenia multibranchiata  Paraonis multibranchiata	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 § Hobson 1972 Pettibone 1965 Barwick 1996 § Ehlers 1908 Hartman 1957 of Hartman 1957 of Cerruti 1909 of Hartman 1957) Hartman 1957 of Laubier & Ramos 1974 (Tauber 1879) Tauber 1879 of Banse & Hobson 1968 of Monro 1930 of Cerruti 1909 Hartman 1953 Hartmann-Schröder 1965 of Strelzov 1973 (Hartman 1957) Hartman 1957)
3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937 3938 3939 3940 3941 3942 3943 3944 3945 3946 3947 3948 3949 3950 3951 3952 3953 3954 3955 3956 3957	Aricidea cf. nolani  Aricidea (Allia) monicae  Alia monicae  Aricidea uschakovi  Aricidea (Allia) quadrilobata  Aricidea (Allia) sp A  Allia ramosa  Aricidea (Aricidea) ramosa  Aricidea (Aricidea) pseudoarticulata  Aricidea (Aricidea) pseudoarticulata  Aricidea (Aricidea) sp SD1  Aricidea (Aricidea) sp SD1  Cirrophorus branchiatus  Aricidea (Cirrophorus) aciculata  Aricidea (Cirrophorus) branchiatus  Aricidea (Cirrophorus) branchiatus  Cirrophorus furcatus  Aricidea (Cirrophorus) furcatus  Aricidea (Cirrophorus) furcatus  Cirrophorus furcatus  Aricidea (Cirrophorus) furcatus  Cirrophorus furcatus  Aricidea (Cirrophorus) furcatus	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 § Hobson 1972 Pettibone 1965 Barwick 1996 § Ehlers 1908 Hartman 1957 of Hartman 1957 of Cerruti 1909 of Hartman 1957 of Laubier & Ramos 1974 (Tauber 1879) Tauber 1879 of Banse & Hobson 1968 of Monro 1930 of Cerruti 1909 Hartman 1953 Hartman 1953 Hartman 1957 of Strelzov 1973 (Hartman 1957) Hartman 1957 Of Strelzov 1973
3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937 3938 3939 3940 3941 3942 3943 3944 3945 3944 3945 3946 3947 3948 3949 3950 3951 3952 3953 3954 3955 3956 3957 3958	Aricidea cf. nolani  Aricidea (Allia) monicae  Alia monicae  Aricidea uschakovi  Aricidea (Allia) quadrilobata  Aricidea (Allia) sp A  Alia ramosa  Aricidea (Aricidea) ramosa  Aricidea (Aricidea) pseudoarticulata  Aricidea (Aricidea) pseudoarticulata  Aricidea (Aricidea) sp SD1  Cirrophorus branchiatus  Aricidea (Cirrophorus) aciculata  Aricidea (Cirrophorus) branchiatus  Aricidea (Cirrophorus) branchiatus  Cirrophorus furcatus  Aricidea (Cirrophorus) furcatus  Cirrophorus furcatus  Aricidea (Cirrophorus) furcatus  Cirrophorus furcatus  Aricidea (Cirrophorus) furcatus  Cirrophorus furcatis  Aricidea (Cirrophorus) furcatus  Cirrophorus furcatis  Aricidea (Paraonis) furcatus  Levinsenia gracilis  Paraonis (Paraonis) gracilis  Paraonis (Paraonis) gracilis  Paraonis gracilis minuta  Tauberia gracilis  Levinsenia multibranchiata  Paraonis multibranchiata  Tauberia multibranchiata  Levinsenia oculata	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 § Hobson 1972 Pettibone 1965 Barwick 1996 § Ehlers 1908 Hartman 1957 of Hartman 1957 of Cerruti 1909 of Hartman 1957 of Laubier & Ramos 1974 (Tauber 1879) Tauber 1879 Tauber 1879 of Banse & Hobson 1968 of Monro 1930 of Cerruti 1909 Hartman 1953 Hartman 1957 of Strelzov 1973 (Hartman 1957) Hartman 1957 of Strelzov 1973 of Strelzov 1973 (Hartman 1957)
3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937 3938 3939 3940 3941 3942 3943 3944 3945 3946 3947 3948 3949 3950 3951 3952 3953 3954 3955 3956 3957 3958 3959	Aricidea cf. nolani  Aricidea (Allia) monicae  Alia monicae  Aricidea uschakovi  Aricidea (Allia) quadrilobata  Aricidea (Allia) sp A  Allia ramosa  Aricidea (Aricidea) ramosa  Aricidea (Aricidea) pseudoarticulata  Aricidea (Aricidea) pseudoarticulata  Aricidea (Aricidea) sp SD1  Aricidea (Aricidea) sp SD1  Cirrophorus branchiatus  Aricidea (Cirrophorus) aciculata  Aricidea (Cirrophorus) branchiatus  Aricidea (Cirrophorus) branchiatus  Cirrophorus furcatus  Aricidea (Cirrophorus) furcatus  Aricidea (Cirrophorus) furcatus  Cirrophorus furcatus  Aricidea (Cirrophorus) furcatus  Cirrophorus furcatus  Aricidea (Cirrophorus) furcatus	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 § Hobson 1972 Pettibone 1965 Barwick 1996 § Ehlers 1908 Hartman 1957 of Hartman 1957 of Cerruti 1909 of Hartman 1957) Hartman 1957 of Laubier & Ramos 1974 (Tauber 1879) Tauber 1879 of Banse & Hobson 1968 of Monro 1930 of Cerruti 1909 Hartman 1953 Hartman 1953 Hartman 1957 of Strelzov 1973 (Hartman 1957) Hartman 1957 Hartman 1957 of Strelzov 1973
3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937 3938 3939 3940 3941 3942 3943 3944 3945 3944 3945 3946 3947 3948 3949 3950 3951 3952 3953 3954 3955 3956 3957 3958	Aricidea cf. nolani  Aricidea (Allia) monicae  Alia monicae  Aricidea uschakovi  Aricidea (Allia) quadrilobata  Aricidea (Allia) sp A  Alia ramosa  Aricidea (Aricidea) ramosa  Aricidea (Aricidea) pseudoarticulata  Aricidea (Aricidea) pseudoarticulata  Aricidea (Aricidea) sp SD1  Cirrophorus branchiatus  Aricidea (Cirrophorus) aciculata  Aricidea (Cirrophorus) branchiatus  Aricidea (Cirrophorus) branchiatus  Cirrophorus furcatus  Aricidea (Cirrophorus) furcatus  Cirrophorus furcatus  Aricidea (Cirrophorus) furcatus  Cirrophorus furcatus  Aricidea (Cirrophorus) furcatus  Cirrophorus furcatis  Aricidea (Cirrophorus) furcatus  Cirrophorus furcatis  Aricidea (Paraonis) furcatus  Levinsenia gracilis  Paraonis (Paraonis) gracilis  Paraonis (Paraonis) gracilis  Paraonis gracilis minuta  Tauberia gracilis  Levinsenia multibranchiata  Paraonis multibranchiata  Tauberia multibranchiata  Levinsenia oculata	Lovell 1977 § Laubier 1967 of authors SCB of Hartman 1957 in part (?) not Zachs 1925 Webster & Benedict 1887 SCAMIT 1996 § of authors SCB not (Annenkova 1934) of Banse & Hobson 1968 not Annenkova 1934 Barwick 1996 § Hobson 1972 Pettibone 1965 Barwick 1996 § Ehlers 1908 Hartman 1957 of Hartman 1957 of Cerruti 1909 of Hartman 1957 of Laubier & Ramos 1974 (Tauber 1879) Tauber 1879 Tauber 1879 of Banse & Hobson 1968 of Monro 1930 of Cerruti 1909 Hartman 1953 Hartman 1957 of Strelzov 1973 (Hartman 1957) Hartman 1957 of Strelzov 1973 of Strelzov 1973 (Hartman 1957)

3961	Levinsenia oculata	of authors NEP in part not (Hartman 1957)
3962	Levinsenia sp SD1	Barwick 2000 §
3963	Paradoneis eliasoni	Mackie 1991
3964	Cirrophorus lyra	of Stelzov 1973 in part not (Southern 1914)
3965	Paraonis (Paraonides) lyra	of Eliason 1920 not Southern 1914
3966	Paradoneis lyra	(Southern 1914)
3967	· · · · · · · · · · · · · · · · · · ·	(
3968	Paraonis ( Paraonides) lyra	Southern 1914
	Cirrophorus lyra	of authors in part not of Strelzov 1973
3969	Paradoneis spinifera	(Hobson 1972)
3970	Paraonis spinifera	Hobson 1972
3971	Paronella spinifera	of Hobson & Banse 1981
3972	Paradoneis sp SD1	Barwick 2000 §
3973	Paraonides platybranchia	(Hartman 1961)
3974	Paraonis platybranchia	Hartman 1961
3975	Paraonella platybranchia	of Blake 1996
3976	Family Questidae	
3977	Questa caudicirra	Hartman 1966
3978	Family Scalibregmatidae	
3979	Asclerocheilus acirratus	(Hartman 1966)
3980	Sclerocheilus acirratus	Hartman 1966
3981	Asclerocheilus californicus	Hartman 1963
3982	Asclerocheilus kudenovi	Blake 2000
3983	Hyboscolex pacificus	(Moore 1909)
3984	Sclerocheilus pacificus	Moore 1909
3985	Oncoscolex pacificus	of Hartman 1969
3986	Scalibregma californicum	Blake 2000
3987	Scalibregma inflatum	of authors SCB not Rathke 1843
3988	Travisia brevis	Moore 1923
3989	Travisia gigas	Hartman 1938
3990	Travisia pupa	Moore 1906
3991	Travisia carnea	of Berkeley 1966 not Verrill 1873
3992	Travisia foetida	Hartman 1969
3993	Subclass Palpata	
3994	Order Aciculata	
3995	Suborder Phyllodocida	
3996	Infraorder Aphroditiformia	
3997	Superfamily Aphroditoidea	
3998	Family Acoetidae	
3999	Acoetes mortenseni	(Monro 1928)
4000	Polyodontes mortenseni	Monro 1928
4001	Panthalis mortenseni	of Hartman 1969
4001	Acoetes pacifica	(Treadwell 1914)
4002	Panthalis pacifica	Treadwell 1914
4003	·	
4004	Polyodontes panamensis	(Chamberlin 1919) Chamberlin 1919
	Panthalis panamensis  Family Aphroditidae	Chambenin 1919
4006		Marra 1010
4007	Aphrodita armifera	Moore 1910
4008	Aphrodita brevitentaculata	Essenberg 1917
4009	Aphrodita castanea	Moore 1910
4010	Aphrodita japonica	Marenzeller 1879
4011	Aphrodita longipalpa	Essenberg 1917
4012	Aphrodita negligens	Moore 1905
4013	Aphrodita refulgida	Moore 1910
4014	Aphrodita sp A	Rossi 1978 §
4015	Family Eulepethidae	
4016	<i>Grubeulepis</i> sp	
4017	Family Polynoidae	
4018	Subfamily Arctonoinae	
4019	Arctonoe pulchra	(Johnson 1897)
4020	Polynoe pulchra	Johnson 1897
4021	Hololepida magna	Moore 1905
4022	Subfamily Lepidastheninae	
4023	Lepidasthenia berkeleyae	Pettibone 1948
4024	Lepidasthenia interrupta	of Hartman 1968 not Marenzeller 1902
4025	Lepidasthenia longicirrata	E. Berkeley 1923
4026	Lepidametria longicirrata	of Berkeley & Berkeley 1948
4027	Subfamily Lepidonotinae	
4028	Halosydna brevisetosa	Kinberg 1855
4029	Halosydna johnsoni	(Darboux 1899)
4030	Lepidonotus johnsoni	Darboux 1899
4031	Halosydna latior	Chamberlin 1919
4032	Lepidonotus spiculus	(Treadwell 1906)
		(////

4033	Polynoe spicula	Treadwell 1906
4034	Lepidonotus caeloris	of authors in part not Moore 1903
4035	Lepidonotus caelorus	of authors in part not Moore 1903
4036 4037	Lepidonotus squamatus	of authors in part not Linnaeus 1767
4037	Subfamily Polynoinae  Arcteobia cf anticostiensis	SCAMIT 1990 §
4039	Eunoe senta	(Moore 1902)
4040	Gattyana senta	Moore 1902
4041	Harmothoe fragilis	Moore 1910
4042	Harmothoe (Evarne) fragilis	Moore 1910
4043	Antinoe sp C	Steinhauer & Imamura 1990 in part
4044 4045	Harmothoe impar <i>Harmothoe hirsuta</i>	of authors not (Johnston 1839) Johnson 1897
4045	Harmothoe imbricata Cmplx	Johnson 1897
4047	Harmothoe multisetosa	(Moore 1902)
4048	Lagisca multisetosa	Moore 1902
4049	Hesperonoe complanata	(Johnson 1901)
4050	Harmothoe complanata	Johnson 1901
4051	Hesperonoe laevis	Hartman 1961
4052	Lagisca extenuata	(Grube 1840) Grube 1840
4053 4054	Polynoe extenuata <i>Malmgreniella bansei</i>	Pettibone 1993
4055	Malmgreniella baschi	Pettibone 1993
4056	Eunoe sp C	Harris 1985 §
4057	Eunoe cf depressa	SCAMIT 1990 §
4058	Harmothoe nr lunulata	Steinhauer & Imamura 1990 in part
4059	Harmothoe sp A	Harris 1985 §
4060	Malmgreniella liei	Pettibone 1993 Pettibone 1993
4061 4062	Malmgreniella macginitiei Malmgreniella nigralba	(E. Berkeley 1923)
4063	Malmgenia nigralba	E. Berkeley 1923
4064	Harmothoe lunulata	of Hartman 1968 in part not (delle Chiaje 1830)
4065	Malmgrenia lunulata	of Pettibone 1953 in part not (delle Chiaje 1830)
4066	Malmgreniella sanpedroensis	Pettibone 1993
4067	Malmgreniella sp SD3	Rowe 1998 §
4068	Malmgreniella scriptoria	(Moore 1910)
4069 4070	Harmothoe scriptoria Harmothoe nr lunulata	Moore 1910 of authors SCB in part
4071	Malmgrenia lunulata	of Pettibone 1953 in part not (delle Chiaje1830)
4072	Malmgreniella sp A	SCAMIT 1997 §
4073	Malmgreniella sp SD2	Rowe 1998 §
4074	Subadyte mexicana	Fauchald 1972
4075	Subadyte sp A	SCAMIT 1990 §
4076 4077	Subadyte sp B	Harris 1985 §
4077	Tenonia priops Harmothoe priops	(Hartman 1961) Hartman 1961
4079	Tenonia kitsapensis	Nichols 1969
4080	Thormora johnsoni	(Kinberg 1856)
4081	Lepidonotus johnsoni	Kinberg 1856
4082	Halosydna lagunae	of Hamilton 1915
4083	Thomora (Lepidonotus) johnsoni	(Kinberg 1955)
4084 4085	<i>Ysideria hastata</i> Harmothoe sp A	Ruff 1995
4086	Family Pholoidae	SCAMIT 1990 §
4087	Pholoe glabra	Hartman 1961
4088	Pholoe sp A	Harris 2000 §
4089	Pholoe sp B	Harris 2000 §
4090	Pholoides asperus	(Johnson 1897)
4091	Peisidice aspera	Johnson 1897
4092 4093	Paraeupholoe fimbriata	Hartmann-Schröder 1962
4093	Parapholoe tuberculata Peisidice tuberculata	Hartmann-Schröder 1965 of Hartman & Fauchald 1971
4095	Pholoe minuta	of Blake 1975 not Fabricius 1780
4096	Pholoides aspera	of Fauchald 1977
4097	Pholoides tuberculata	of Carrasco & Gallardo 1983
4098	Family Sigalionidae	
4099	Leanira alba	Moore 1910
4100	Pelogenia fimbriata	(Hartman 1939)
4101 4102	Psammolyce fimbriata Psammolyce myops	Hartman 1939 Hartman 1939
4102	Psammolyce myops  Psammolyce spinosa	of Bekeley & Berkeley 1941 not Hartman 1939
4104	Sigalion spinosus	(Hartman 1939)
	Ų I	,

4105	Eusigalion spinosum	Hartman 1939
4106	Thalenessa spinosa	of Hartman 1969
4107	Sthenelais berkeleyi	Pettibone 1971
4108	Sthenelais fusca	Johnson 1897
4109	Sthenelais tertiaglabra	Moore 1910
4110	Sthenelais articulata	of Berkeley & Berkeley 1948 not Kinberg 1855
4111	Sthenelais hancocki	Hartman 1939
4112	Sthenelais verruculosa	of Pettibone 1953 not Johnson 1897
4113	Sthenelais verruculosa	Johnson 1897
4114	Sthenelanella uniformis	Moore 1910
4115	Family Pisionidae	
4116	Pisione remota	(Southern 1914)
4117	Praegeria remota	Southern 1914
4118	Infraorder Nereidiformia	
4119	Family Chrysopetalidae	
4120	Chrysopetalum occidentale	Johnson 1897
4121	Paleanotus bellis	(Johnson 1897)
4122	Heteropale bellis	Johnson 1897
4123	Paleanotus chrysolepis	of Berkeley & Berkeley 1948 not Schmarda 1861
4124	Family Hesionidae	
4125	Amphiduros pacificus	Hartman 1961
4126	Gyptis brunnea	(Hartman 1961)
4127	Oxydromus brunnea	Hartman 1961
4128	Amphiduros brunnea	of Lissner <i>et al</i> 1986
4129	Gyptis plurisetis	Hilbig 1992
4130	Hesionella mccullochae	Hartman 1939
4131	Heteropodarke heteromorpha	Hartmann-Schröder 1962
4132	Psamathe sp	Timumami Sumousi 1702
4133	Kefersteinia sp	of SCAMIT Ed 5
4134	Microphthalmus hystrix	Fournier 1991
4135	Micropodarke dubia	(Hessle 1925)
4136	Kefersteinia dubia	Hessle 1925
4137	Micropodarke amemiyai	Okuda 1938
4138	Ophiodromus pugettensis	(Johnson 1901)
4139	Podarke pugettensis	Johnson 1901
4140	Ophiodromus (Podarke) pugettensis	of Blake 1975
4141	Ophiodromus pugettensis	of Hessle 1925
4142	Podarkeopsis glabrus	(Hartman 1961)
4143	Oxydromus arenicolus glabrus	Hartman 1961
4144	Gyptis arenicola glabra	of Hartman 1968
4145	Podarkeopsis perkinsi	Hilbig 1992
4146	Podarkeopsis sp B	Harris 1985 §
4147	Podarkeopsis sp A	Velarde & Harris 1987 §
4148	Podarkeopsis sp A	Harris 1985 §
4149	Family Nereididae	•
4150	Subfamily Nereidinae	
4151	Ceratocephale loveni	Malmgren 1867
4152	Ceratonereis mirabilis	Kinberg 1866
4153	Gymnonereis crosslandi	(Monro 1933)
4154	Chaunorhynchus crosslandi	Monro 1933
4155	Ceratocephala crosslandi	of Hartman 1952
4156	Ceratocephale crosslandi americana	of Hartman 1968
4157	Neanthes acuminata Cmplx	
4158	Neanthes acuminata	of authors NEP not Ehlers 1868
4159	Neanthes caudata	of authors NEP not (delle Chiaje 1828)
4160	Nereis latescens	Chamberlin 1919
4161	Nereis mendociana	Chamberlin 1919
4162	Nereis neonigripes	Hartman 1936
4163	Nereis vexillosa	Grube 1851
4164	Nereis sp A	SCAMIT 2007 §
4165	Nereis nr procera	of Lissner et al 1986
4166	Nereis procera	of authors SCB not Ehlers 1868
4167	Nereis sp B	Harris 1985 §
4168	Nereis sp SD1	Rowe 2007 §
4169	Nicon moniloceras	(Hartman 1940)
4170	Leptoneris glauca moniloceras	Hartman 1940
4171	Perinereis monterea	(Chamberlin 1918)
4172	Nereis (Neanthes) monterea	Chamberlin 1918
4173	Platynereis bicanaliculata	(Baird 1863)
4174	Nereis bicanaliculata	Baird 1863
4175	Nereis dumerilii	of Marenzeller 1879 not Audouin & H. Milne Edwards 1833
4176	Platynereis agassizi	of Okuda & Yamada 1954

4177	Platynereis dumerili var agassizi	of Berkeley & Berkeley 1948 not Ehlers 1868
4178	Platynereis dumerilii	(Audouin & H. Milne Edwards 1833)
4179	Nereis dumerilii	Audouin & H. Milne Edwards 1833
4180	Family Pilargidae	
4181	Ancistrosyllis breviceps	Hartman 1963
4182	Ancistrosyllis groenlandica	McIntosh 1879
4183	Ancistrosyllis hamata	(Hartman 1960)
4184	Pilargis hamatus	Hartman 1960
4185	Ancistargis hamata	of Salazar-Vallejo 1986
4186	Parandalia fauveli	(Berkeley & Berkeley 1941)
4187	Loandalia fauveli	Berkeley & Berkeley 1941
4188	Parandalia ocularis	Emerson & Fauchald 1971
4189	Pilargis berkeleyae	Monro 1933
	· ·	
4190	Pilargis berkeleyi	Monro 1933
4191	Pilargis maculata	Hartman 1947
4192	Pilargis sp A	Harris 1995 §
4193	Pilargis sp 1	Harris 1996 §
4194	Pilargis sp B	Harris 1995 §
4195	Pilargis sp 2	Harris 1996 §
4196	Pilargis sp 3	Harris 1996 §
		· ·
4197	Pilargis sp 4	Harris 1996 §
4198	Sigambra bassi	(Hartman 1945)
4199	Ancistrosyllis bassi	Hartman 1945
4200	Sigambra setosa	Fauchald 1972
4201	Sigambra tentaculata	(Treadwell 1941)
4202	Ancistrosyllis tentaculata	Treadwell 1941
4203	Synelmis albini	(Langerhans 1881)
	*	( )
4204	Ancistrosyllis albini	Langerhans 1881
4205	Ancistrosyllis rigida	Fauvel 1919
4206	Ancistrosyllis rigida	of Hartman 1947
4207	Synelmis harrisae	Salazar-Vallejo 2003
4208	Family Syllidae	
4209	Subfamily Autolytinae	
4210		(Auganar 1012)
	Myrianida pachycera	(Augener 1913)
4211	Autolytus pachycerus	Augener 1913
4212	Proceraea gigantea	Nygren & Gilholm 2001
4213	Proceraea nigropunctata	Nygren & Gilholm 2001
4214	Proceraea okadai	(Imajima 1966)
4215	Autolytus (Regulatus) okadai	Imajima 1966
4216	Procerastea sp	majima 1000
4217	Subfamily Calamyzinae	
4218	Calamyzas amphictenicola	Arwidsson 1932
4219	Subfamily Eusyllinae	
4220	Dioplosyllis tridentata	Kudenov & Harris 1995
4221	Eusyllis blomstrandi	Malmgren 1867
4222	Eusyllis habei	Imajima 1966
4223	Eusyllis transecta	Hartman 1966
4224	Odontosyllis fragilis	Kudenov & Harris 1995
4225	Odontosyllis phosphorea	Moore 1909
4226	Hesperalia nans	Chamberlin 1919
4227	Odontosyllis phosphorea nanaimoensis	E. Berkeley 1923
4228	Odontosyllis trilineata	Imajima 2003
4229	Odontosyllis sp SD1	Rowe 2004 §
4230	Opisthodonta mitchelli	Kudenov & Harris 1995
4231	Opisthodonta uraga	(Imajima 1966)
4232	Pionosyllis uraga	Imajima 1966
4233	Paraehlersia articulata	(Kudenov & Harris 1995)
4234	Pionosyllis articulata	Kudenov & Harris 1995
4235	Syllides japonica	Imajima 1966
4236	Syllides longocirrata	Ørsted 1845
4230	, 0	Kudenov & Harris 1995
	Syllides mikeli	
4238	Syllides minutus	Blake & Walton 1977
4239	Syllides reishi	Dorsey 1978
4240	Subfamily Exogoninae	
4241	Brania brevipharyngea	Banse 1972
4242	Brania californiensis	Kudenov & Harris 1995
4243	Brania canyo mensis Brania heterocirra	Rioja 1941
4244	Brania mediodentata	Westheide 1974
4245	Exogone dwisula	Kudenov & Harris 1995
4246	Exogone gemmifera	of authors SCB not Pagenstecher 1862
4247	Exogone sp B	SCAMIT 1987 §
4248	Exogone uniformis	of Hartman 1961 in part
.= .•	Exeguno amonino	

4249	Sphaerosyllis californiensis	of Hartman 1966 in part
4250	Exogone cf verugera	SCAMIT 1987 §
4251	Exogone longicornis	Westheide 1974
4252 4253	Exogone lourei	Berkeley & Berkeley 1938
4253	Exogone dispar Exogone (Exogone) lourei	Pettibone 1954 of San Martin 1991
4255	Exogone (Exogone) loader  Exogone uniformis	of Hartman 1961 in part
4256	Sphaerosyllis californiensis	of Hartman 1966 in part
4257	Exogone uniformis	Hartman 1961
4258	Exogone sp A	Williams 1975 §
4259	Paraexogone acutipalpa	(Kudenov & Harris 1995)
4260 4261	Exogone acutipalpa	Kudenov & Harris 1995 (Kudenov & Harris 1995)
4262	Paraexogone breviseta Exogone breviseta	Kudenov & Harris 1995
4263	Exogone sp C	SCAMIT 1987 §
4264	Paraexogone brunnea	(Hartman 1961)
4265	Exogonella brunnea	Hartman 1961
4266	Paraexogone molesta	(Banse 1972)
4267	Exogone molesta	Banse 1972
4268 4269	Exogone (Parexogone) molesta	of San Martin 1991
4209	Plakosyllis sp <u>Pseudoexogone williamsae</u>	Salazar-Vallejo et al 2007
4271	Pilargidae genus A sp A	Williams 1977 §
4272	Sphaerosyllis bilineata	Kudenov & Harris 1995
4273	Sphaerosyllis californiensis	of Hartman 1966 in part
4274	Sphaerosyllis sp A	Harris & Dorsey 1986 §
4275	Sphaerosyllis californiensis	Hartman 1966
4276 4277	Sphaerosyllis ranunculus	Kudenov & Harris 1995
4277	Sphaerosyllis brandhorsti  Subfamily Syllinae	of authors NEP not Hartmann-Schröder 1965
4279	Branchiosyllis exilis Cmplx	
4280	Haplosyllis spongicola	(Grube 1855)
4281	Syllis spongicola	Grube 1855
4282	Opisthosyllis leslieharrisae	Aguado, San Martin & Nygren 2005
4283	Syllis elongata	(Johnson 1901)
4284 4285	Pionosyllis elongata Syllis (Syllis) elongata	Johnson 1901 of SCAMIT Ed 4 list
4286	Syllis gracilis Cmplx	Of SCAWITI Ed 4 list
4287	Syllis (Syllis) gracilis	of SCAMIT Ed 4 list
4288	Syllis spongiphila	Verrill 1885
4289	Syllis (Syllis) spongiphila	of SCAMIT Ed 4 list
4290	Trypanosyllis sp	/T 1 11 101 ()
4291	Typosyllis adamanteus	(Treadwell 1914) Treadwell 1914
4292 4293	Trypanosyllis adamanteus Typosyllis farallonensis	Blake & Walton 1977
4294	Syllis (Typosyllis) farallonensis	of SCAMIT Ed 4 list
4295	Typosyllis heterochaeta	(Moore 1909)
4296	Syllis (Ehlersia) heterochaeta	Moore 1909
4297	Ehlersia heterochaeta	of Kudenov & Harris 1995
4298	Langerhansia heterochaeta	of Hartman & Barnard 1960
4299	Syllis (Ehlersia) cornuta	of Pettibone 1963 in part not Rathke 1843
4300 4301	Syllis cornuta <i>Typosyllis hyperioni</i>	of Pettibone 1963 in part not Rathke 1843 (Dorsey & Phillips 1987)
4302	Syllis (Ehlersia) hyperioni	Dorsey & Phillips 1987
4303	Typosyllis nipponica	Imajima 1966
4304	Syllis (Typosyllis) nipponica	of SCAMIT Ed 4 list
4305	cf Xenosyllis sp	
4306	Infraorder Glyceriformia	
4307 4308	Family Glyceridae	Laidy 1955
4309	<i>Glycera americana</i> Glycera corrugata	Leidy 1855 Baird 1863
4310	Glycera edentata	Hansen 1882
4311	Glycera jucunda	Kinberg 1866
4312	Glycera laevis	Kinberg 1866
4313	Glycera peruviana	Quatrefages 1866
4314	Glycera rugosa	Johnson 1901
4315	Rhynchobolus americanus	Verrill & Smith 1874
4316 4317	Glycera branchiopoda Glycera macrobranchia	Moore 1911 Moore 1911
4317	<i>Glycera macrobranchia</i> Glycera alba macrobranchium	Moore 1911
4319	Glycera alba macrobranchium	of authors SCB not Keferstein 1862
4320	Glycera nana	Johnson 1901
	•	

4321	Glycera capitata	of Hartman 1950 in part not Ørsted 1843
4322	Glycera oxycephala	Ehlers 1887
4323	Glycera robusta	Ehlers 1868
4324	Glycera longissima	of Hartman 1940 not Arwidsson 1899
4325	Glycera sp A	Harris 1985 §
4326	Glycera tenuis	Hartman 1944
4327	Glycera tesselata	Grube 1863
4328	Glycera nana	of Treadwell 1914 not Johnson 1901
4329	Glycera sagittariae	of Treadwell 1906 not McIntosh 1885
4330	Glycera spadix	Treadwell 1943
4331	Hemipodia borealis	Johnson 1901
4332	Hemipodus borealis	of authors NEP
4333	<i>Ophioglycera</i> sp	
4334	Family Goniadidae	
4335	Glycinde armigera	Moore 1911
4336	Glycinde multidens	of Hartman 1940 not F. Müller 1858
4337	Glycinde picta	Berkeley 1927
4338	Goniada acicula	Hartman 1940
4339	Goniada annulata	Moore 1905
4340	Goniada brunnea	Treadwell 1906
4341	Goniada annulata	of Treadwell 1914 in part not Moore 1905
4342	Goniada maculata	of Hartman 1940 not Ørsted 1843
4343	Goniada littorea	Hartman 1950
4344	Goniada brunnea	of Treadwell 1914 in part not Treadwell 1906
4345	Goniada uncinigera	of Hartman 1940 not Ehlers 1901
4346	Goniada maculata	Ørsted 1843
4347	Goniada brunnea	of Hartman 1940 not Treadwell 1906
4348	Family Lacydoniidae	
4349	Lacydonia sp	
4350	Family Nephtyidae	1050
4351	Aglaophamus erectans	Hartman 1950
4352	Aglaophamus eugeniae	Fauchald 1972
4353	Aglaophamus paucilamellata	Fauchald 1972
4354	Aglaophamus verrilli	(McIntosh 1885)
4355	Nephthys verrilli	McIntosh 1885
4356	Aglaophamus dicirris	Hartman 1950
4357	Aglaophamus erectans	of Harris 1985 § in part not Hartman 1950
4358	Nephtys dibranchis	of Hartman 1938
4359	Bipalponephtys cornuta	(Berkeley & Berkeley 1945)
4360	Nephtys cornuta	Berkeley & Berkeley 1945
4361	Nephtys cornuta franciscana	R. B. Clark & Jones 1955
4362	Nephtys parva	R. B. Clark & Jones 1955
4363	Nephtys signifera	Hilbig 1992 in part
4364	Nephtys assignis	Hartman 1950
4365 4366	Nephtys caecoides	Hartman 1938 of Hartman 1940
4367	Nephthys caecoides	
4368	Nephtys californiensis Nephtys sp B	of Hartman 1950 in part not Hartman 1938
4369		Harris 1985 § Hartman 1938
4370	Nephtys californiensis Nephthys californiensis	of Hartman 1940
4370	Nephtys ferruginea	Hartman 1940
4372	Nephthys caecoides ferruginea	Hartman 1940
4373	Nephtys californiensis	of Hartman 1950 in part not Hartman 1938
4374	Nephtys camornersis  Nephtys signifera	Hilbig 1992 in part
4375	Nephtys punctata	Hartman 1938
4376	Nephtys simoni	Perkins 1980
4377	Nephtys squamosa	Ehlers 1887
4378	Nephtys sp SD3	Rowe 2004 §
4379	Nephtys sp SD2	Rowe 1997 §
4380	Family Phyllodocidae	Rowe 1997 g
4381	Subfamily Eteoninae	
4382	Eteone aestuarina	Hartmann-Schröder 1959
4383	Eteone destidarina Eteone brigitteae	Blake 1992
4384	Eteone brightede  Eteone fauchaldi	of Hyland & Neff 1988 in part not Kravitz & Jones 1979
4385	Eteone californica	Hartman 1936
4386	Eteone catyornica Eteone dilatae	Hartman 1936
4387	Eteone anatae Eteone fauchaldi	Kravitz & Jones 1979
4388	Eteone jauchatat Eteone leptotes	Blake 1992
4388 4389	Eteone teptotes  Eteone sp E	
4389 4390	Eteone sp E Eteone lighti	Hyland & Neff 1988 § Hartman 1936
4391	Eteone tignii Eteone pacifica	Hartman 1936
4392	Eteone pacytea Eteone pigmentata	Blake 1992
1002	Licone pigmentata	Diane 1772

4393	Eteone sp A	Harris 1985 §
4394	Eteone sp C	Hyland & Neff 1988 §
4395	Eteone spilotus	Kravitz & Jones 1979
4396	Eulalia californiensis	(Hartman 1936)
4397	Steggoa californiensis	Hartman 1936
4398	Eulalia bilineata	of Blake 1994 not Johnston 1840
4399	Eulalia levicornuta Cmplx	
4400	Eulalia quadrioculata	Moore 1906
4401	Eumida longicornuta	(Moore 1906)
4402	Eulalia longicornuta	Moore 1906
4403	Eumida sp 2	Hamilton 1976 §
4404	Eumida tubiformis	Moore 1909
4405	Hesionura coineaui difficilis	(Banse 1963)
4406	Eteonides coineaui difficilis	Banse 1963
4407	Mystides caeca	Langerhans 1880
4408 4409	Protomystides sp Pterocirrus californiensis	(Chamberlin 1919)
4410	Sige californiensis	Chamberlin 1919
4411	Pterocirrus montereyensis	(Hartman 1936)
4412	Sige montereyensis	Hartman 1936
4413	Eumida sp 5	of Hamilton 1976 §
4414	Pterocirrus sp A	SCAMIT 1995 §
4415	Eumida sp 3	of Hamilton 1976 §
4416	Sige bifoliata	(Moore 1909)
4417	Eulalia (Sige) bifoliata	Moore 1909
4418	Sige bifoliata	of Pleijel 1990, not Hartman 1936
4419	Sige sp A	SCAMIT 1995 §
4420	Eumida sp 1	Hamilton 1976 §
4421	Sige sp B	SCAMIT 1995 §
4422	Eulalia sp 4	Hamilton 1976 §
4423	Subfamily Lugiinae	DL1 - 1002
4424 4425	Lugia uschakovi	Blake 1992
4426	Subfamily Notophyllinae Clavadoce sp	
4427	Nereiphylla ferruginea Cmplx	
4428	Phyllodoce (Genetyllis) castanea	of Berkeley & Berkeley 1948 not (Marenzeller 1879)
4429	Subfamily Phyllodocinae	or betholog a beholog 1040 hot (March 2016) 1070)
4430	Paranaitis polynoides	(Moore 1909)
4431	Anaitis polynoides	Moore 1909
4432	Phyllodoce (Paranaitis) polynoides	of Berkeley & Berkeley 1948
4433	Paranaitis sp SD1	Velarde 1998 §
4434	Phyllodoce cuspidata	McCammon & Montagne 1979
4435	Phyllodoce (Anaitides) cuspidata	McCammon & Montagne 1979
4436	Phyllodoce groenlandica	Ørsted 1843
4437	Anaitides groenlandica	of Bergström 1914
4438 4439	Phyllodoce (Anaitides) groenlandica  Phyllodoce hartmanae	of Uschakov 1972 Blake & Walton 1977
4440	Anaitides hartmanae	of Kravits & Jones 1979
4441	Phyllodoce (Aponaitides) hartmanae	of McCammon & Montagne 1979
4442	Phyllodoce longipes	Kinberg 1866
4443	Anaitides longipes	of Hartman 1968
4444	Phyllodoce (Anaitides) papillosa	of McCammon & Montagne 1979 not Uschakov & Wu 1959
4445	Phyllodoce papillosa	of Hyland & Neff 1988 not Uschakov & Wu 1959
4446	Phyllodoce medipapillata	Moore 1909
4447	Anaitides medipapillata	of Hartman 1968
4448	Phyllodoce (Anaitides) medipapillata	of McCammon & Montagne 1979
4449	Phyllodoce pettiboneae	Blake 1988
4450	Phyllodoce sp A	Montagne 1985 §
4451	Phyllodoce williamsi	(Hartman 1936)
4452 4453	Anaitides williamsi	Hartman 1936
4454	Family Sphaerodoridae Ephesiella brevicapitis	(Moore 1909)
4455	Sphaerodorum brevicapitis	Moore 1909
4456	Sphaerephesia longisetis	Fauchald 1972
4457	Sphaerephesia similisetis	Fauchald 1972
4458	Sphaerodoridium biserialis	of authors NEP not (Berkeley & Berkeley 1944)
4459	Sphaerodoropsis biserialis	of authors NEP not (Berkeley & Berkeley 1944)
4460	Sphaerodoridium sp A	SCAMIT 1996 §
4461	Clavodorum clavatum	of authors NEP not Fauchald 1972
4462	Sphaerodoropsis biserialis	(Berkeley & Berkeley 1942)
4463	Sphaerodorum biserialis	Berkeley & Berkeley 1942
4464	Sphaerodoropsis minuta	(Webster & Benedict 1887)

4465	Ephesia minuta	Webster & Benedict 1887
4466	Sphaerordoridium minutum	of Hartrman 1968
4467	Sphaerodorum minutum	of Hartman 1959
4468	Sphaerodoropsis sphaerulifer	(Moore 1909)
4469	Sphaerodorum sphaerulifer	Moore 1909
4470	Sphaerodorum papillifer	Moore 1909
4471	Suborder Amphinomida	
4472	Family Amphinomidae	
4473	Chloeia pinnata	Moore 1911
4474	Pareurythoe californica	(Johnson 1897)
4475	Eurythoe californica	Johnson 1897
4476	Family Euphrosinidae	
4477	Euphrosine arctia	Johnson 1897
4478	Euphrosyne arctia	Johnson 1897
4479	Euphrosine calypta	Essenberg 1917
4480	Suborder Eunicida	
4481	Family Dorvilleidae	
4482	Dorvillea (Dorvillea) sp	
4483	Dorvillea (Schistomeringos) annulata	(Moore 1906)
4484	Stauronereis annulatus	Moore 1906
4485	Dorvillea annulata	of Fauchald 1970
4486	Schistomeringos longicornis	of Lissner et al 1986 in part not (Ehlers 1901)
4487	Schistomeringos nr annulata	of Lissner et al 1986
4488	Stauronereis rudolphi	of Pettibone 1963 in part not (delle Chiaje 1828)
4489	Dorvillea (Schistomeringos) longicornis	(Ehlers 1901)
4490	Stauronereis longicornis	Ehlers 1901
4491	Dorvillea articulata	of Hartman 1968
4492	Dorvillea atlantica	of Hartman 1968 not (McIntosh 1885)
4493	Dorvillea rudolphi	of Fauchald 1970 in part not (delle Chiaje 1828)
4494	Schistomeringos longicornis	of Jumars 1974
4495	Stauronereis articulatus	Hartman 1938
4496	Stauronereis rudolphi	of Pettibone 1963 in part not (delle Chiaje 1828)
4497	Ophryotrocha sp A	SCAMIT 1987 §
4498	Ophryotrocha sp B	SCAMIT 1987 §
4499	<i>Ophryotrocha</i> sp C	SCAMIT 1987 §
4500	Parougia caeca	(Webster & Benedict 1884)
4501	Staurocephalus caecus	Webster & Benedict 1884
4502	Dorvillea caeca	of Banse & Hobson 1968
4503	Pettiboneia sanmatiensis	Orensanz 1968
4504	Protodorvillea gracilis	(Hartman 1938)
4505	Stauronereis gracilis	Hartman 1938
4506	Dorvillea gracilis	of Hartman 1959
4507	Protodorvillea kefersteini	of authors NEP not (McIntosh 1869)
4508	Protodorvillea recuperata	Banse & Nicols 1968
4509	Family Eunicidae	
4510	Eunice americana	Hartman 1944
4511	Eunice antennata	(Savigny in Lamarck 1818)
4512	Leodice antennata	Savigny in Lamarck 1818
4513	Eunice biannulata	Moore 1904
4514	Eunice multicylindri	Shisko 1981
4515	Eunice multipectinata	Moore 1911
4516	Lysidice sp	
4517	Marphysa angelensis	Fauchald 1970
4518	Marphysa conferta	Moore 1911
4519	Marphysa disjuncta	Hartman 1961
4520	Marphysa belli oculata	of authors SCB, not Treadwell 1921
4521	Marphysa sp A	Harris & Velarde 1983 §
4522	Marphysa mortenseni	Monroe 1928
4523	Marphysa sanguinea	(Montagu 1815)
4524	Nereis sanguinea	Montagu 1815
4525	Marphysa stylobranchiata	Moore 1909
4526	Marphysa sp B	SCAMIT 1999 §
4527	Palola paloloides	(Moore 1909)
4528	Eunice (Eriphyle) paloloides	Moore 1909
4529	Family Lumbrineridae	
4530	Cenogenus fusca	(Moore 1911)
4531	Ninoe fusca	Moore 1911
4532	Paraninoe fusca	(Moore 1911)
4533	Eranno bicirrata	(Treadwell 1922)
4534	Lumbrineris bicirrata	Treadwell 1922
4535	Eranno lagunae	(Fauchald 1970)
4536	Lumbrineris lagunae	Fauchald 1970

4537	Lumbrineris bifilaris	of Hartman 1944 not Ehlers 1901
4538	Lumbricaulus harrisae	Carrera-Parra 2004
4539	Lumbrinerides platypygos	(Fauchald 1970)
4540	Lumbrineris platypygos	Fauchald 1970
4541	Lumbrineris acuta	of Hartman 1968 not (Verrill 1875)
4542	Lumbrineriopsis sp SD1	Rowe 2002 §
4543	Lumbrineris cruzensis	Hartman 1944
4544	Lumbriconereis cruzensis	of Uschakov & Wu 1965
4545	Lumbrineris crucensis	of Rioja 1962
4546	Lumbrineris index	Moore 1911
4547	Lumbrineris japonica index	Moore 1911
4548	Lumbrineris inflata	Moore 1911
4549	Lumbrineris japonica	(Marenzeller 1879)
4550	Lumbriconereis japonica	Marenzeller 1879
4551	Lumbriconereis latreilli	of Uschakov & Wu 1962 not Audouin & H. Milne Edwards
4552	Lumbrineris latreilli japonica	of Hartman 1944
4553	Lumbrineris latreilli	Audouin & H. Milne Edwards 1834
4554	Lumbriconereis latreilli	of Fauvel 1923
4554 4555	Lumbrineris limicola	Hartman 1944
4556	Lumbrineris <mark>ligulata</mark>	Berkeley & Berkeley 1941
4557	Lumbrineris californiensis	of authors SCB not Hartman 1944
4558	Lumbrineris sp E	SCAMIT 2001 §
4559	Ninoe palmata	Moore 1923
4560	Ninoe tridentata	Hilbig 1995
4561	Ninoe sp A	Harris 1985 §
4562	Scoletoma bassi	(Hartman 1944)
4563	Lumbrineris bassi	Hartman 1944
4564	Scoletoma erecta	(Moore 1904)
4565	Lumbriconereis erecta	Moore 1904
4566	Lumbrineris erecta	(Moore 1904)
4567	Scoletoma tetraura Cmplx	
4568	Scoletoma luti	of authors SCB not (Berkeley & Berkeley 1945)
4569	Scoletoma tetraura	of authors SCB not (Schmarda 1861)
4570	Scoletoma zonata	(Johnson 1901)
4571	Lumbriconereis zonata	Johnson 1901
4572	Lumbrineris zonata	of authors NEP
4573	Scoletoma sp A	Harris 1985 §
4574	Lumbrineris sp A	Harris 1985 §
4575	Scoletoma sp B	Harris 1985 §
4576	Lumbrineris sp B	Harris 1985 §
4577	Scoletoma sp C	Harris 1985 §
4578	Lumbrineris sp C	Harris 1985 §
4579	Family Oenonidae	•
4580	Arabella endonata	Emerson 1974
4581	Arabella iricolor	(Montagu 1804)
4582	Nereis iricolor	Montagu 1804
4583	Arabella opalina	of Webster 1879
4584	Lumbriconereis opalina	Verrill & Smith 1874
4585	Arabella pectinata	Fauchald 1970
4586	Arabella protomutans	Orensanz 1990
4587	Arabella semimaculata	(Moore 1911)
4588	Aracoda semimaculata	Moore 1911
4589	Drilonereis falcata	Moore 1911
4590	Drilonereis filum	(Claparède 1868)
4591	Lumbriconereis filum	Claparède 1868
4592	Drilonereis longa	Webster 1879
4593	Drilonereis mexicana	Fauchald 1970
4594	Drilonereis nuda	of Hartman 1944 in part not Moore 1909
4594 4595	Drilonereis nuda	Moore 1909
	Dritonereis sp A	SCAMIT 1998 §
4596 4597		ů .
4597 4598	Driloneris longa	of authors SCB in part not Webster 1879
	Drilonereis nr longa	of Montagne 1982 §
4599	Drilonereis sp B	Harris 1985 §
4600	Drilonereis sp LA1	Lovell 2006 §
4601	Notocirrus californiensis	Hartman 1944
4602	Family Onuphidae	Magra 1011
4603	Diopatra ornata	Moore 1911
4604	Onuphis longibranchiata	E. Berkeley 1972
4605	Diopatra splendidissima	Kinberg 1865
4606	Diopatra tridentata	Hartman 1944
4607	Hyalinoecia juvenalis	Moore 1911
4608	Kinbergounphis paradiopatra	(Hartman 1944)

4609	Nothria stigmatis paradiopatra	Hartman 1944
4610	Kinbergonuphis vexillaria	(Moore 1911)
4611	Onuphis vexillaria	Moore 1911
4612	Mooreonuphis exigua	(Shisko 1981)
4613	Nothria exigua	Shisko 1981
4614	Mooreonuphis litoralis	(Monro 1933)
4615	Onuphis litoralis	Monro 1933
4616 4617	Mooreonuphis nebulosa	(Moore 1911) Moore 1911
4618	Onuphis nebulosa Mooreonuphis nr nebulosa	of Steinhauer & Imamura 1990
4619	Mooreonuphis segmentispadix	(Shisko 1981)
4620	Onuphis segmentispadix	Shisko 1981
4621	Mooreonuphis sp B	Harris 1985 §
4622	Mooreonuphis stigmatis	(Treadwell 1922)
4623	Onuphis stigmatis	Treadwell 1922
4624	Nothria stigmatis	of Hartman 1944
4625	Mooreonuphis veleronis	(Fauchald 1980)
4626 4627	Onuphis (Nothria) veleronis	Fauchald 1980 Hartman 1944
4628	Nothria stigmatus intermedia <i>Mooreonuphis</i> sp LA1	Brantley 1999 §
4629	Mooreonuphis sp SD1	Rowe 1996 §
4630	Nothria occidentalis	Fauchald 1968
4631	Nothria conchylega occidentalis	Fauchald 1968
4632	Paranothria sp A	Steinhauer & Imamura 1990
4633	Onuphis affinis	Hilbig 1995
4634	Onuphis elegans	(Johnson 1901)
4635	Northia elegans	Johnson 1901
4636	Nothria elegans	of Hartman 1968 in part
4637 4638	Onuphis eremita parva Onuphis geophiliformis	Berkeley & Berkeley 1941 (Moore 1903)
4639	Northia geophiliformis	Moore 1903
4640	Nothria geophiliformis	of Fauchald 1968
4641	Onuphis iridescens	(Johnson 1901)
4642	Northia iridescens	Johnson 1901
4643	Nothria iridescens	of Hartman 1944 in part
4644	Onuphis multiannulata	Shisko 1981
4645	Onuphis pallida	(Moore 1911)
4646	Nothria pallida	Moore 1911
4647 4648	Onuphis sp A Nothria iridescens	SCAMIT 1992 § of Hartman 1944 in part
4649	Onuphis sp 1	Pt. Loma 1983 §
4650	Onuphis sp "intermediates"	Hobson 1971
4651	Paradiopatra parva	(Moore 1911)
4652	Onuphis parva	Moore 1911
4653	Sarsonuphis parva	of Fauchald 1982
4654	Rhamphobrachium longisetosum	Berkeley & Berkeley 1938
4655	Family Aberrantidae	D 2002 6
4656	Aberranta sp SD1	Rowe 2002 § Rowe 2004 §
4657 4658	Aberranta sp SD2 Order Canalipalpata	Rowe 2004 g
4659	Suborder Sabellida	
4660	Family Oweniidae	
4661	Galathowenia piltzi	Blake 2000
4662	Galathowenia pygidialis	(Hartman 1960)
4663	Myriochele pygidialis	Hartman 1960
4664	Myriochele gracilis	Hartman 1955
4665 4666	Myriochele olgae	Blake 2000
4667	<i>Myriochele striolata</i> Myriochele sp M	Blake 2000 SCAMIT 1985 §
4668	Myriowenia californiensis	Hartman 1960
4669	Myriochele gracilis	Hartman 1955 in part
4670	Owenia collaris	Hartman 1955
4671	Owenia fusiformis collaris	Hartman 1955
4672	Owenia collaris	of Hartman 1969
4673	Owenia fusiformis	of authors NEP not delle Chiaje 1841
4674	Owenia johnsoni	Blake 2000
4675	Family Sabellariidae	
4676 4677	Subfamily Sabellariinae	
4677 4678	Idanthyrsus sp Neosabellaria cementarium	(Moore 1906)
4679	Sabellaria cementarium	Moore 1906)
4680	Phragmatopoma californica	(Fewkes 1889)
	gy	/

4681	Sabellaria californica	Fewkes 1889
4682	Sabellaria gracilis	Hartman 1944
4683	Sabellaria spinulosa alcocki	Berkeley & Berkeley 1941
4684	Sabellaria spinulosa var	Hartman 1939
4685	Sabellaria nanella	Chamberlain 1919
4686	Subfamily Lygdaminae	
4687	Mariansabellaria harrisae	Kirtley 1994
4688	Family Sabellidae	
4689	Subfamily Fabriciinae	
4690	Fabricinuda limnicola	(Hartman 1951)
4691	Fabricia limnicola	Hartman 1951
4692	Fabricinuda pseudopalpa	Fitzhugh 1990
4693	Fabriciola sp	
4694	Novafabricia brunnea	(Hartman 1969)
4695	Fabricia brunnea	Hartman 1969
4696	Novafabricia triangularis	Fitzhugh 1990
4697	Pseudofabriciola californica	Fitzhugh 1991
4698	Subfamily Sabellinae	•
4699	Bispira sp	
4700	Chone magna	(Moore 1923)
4701	Euchone magna	Moore 1923
4702	Chone mollis	(Bush 1904)
4703	Metachone mollis	Bush 1904
4704	Dialychone albocincta	(Banse 1972)
4705	Chone albocincta	Banse 1972
4706	Dialychone trilineata	Tovar-Hernandez 2007
4707	Chone trilineata	Tovar-Hernandez 2007
4708	Chone sp C	Harris 1984 §
4709	Dialychone veleronis	Banse 1972
4710	Chone veleronis	Banse 1972
4711	Euchone arenae	Hartman 1966
4711	Euchone arenae Euchone hancocki	Banse 1970
4713	Euchone nancocki Euchone incolor	Hartman 1965
4713 4714		
	Euchone barnardi	Reish 1968
4715	Euchone rosea	of Berkeley & Berkeley 1954 not Langerhans 1884
4716	Euchone trisegmentata	Reish 1965
4717	Euchone limnicola	Reish 1960
4718	Euchone limicola	of Hartman 1966
4719	Euchone rosea	Langerhans 1884
4720	Euchone velifera	Banse 1972
4721	Euchone sp A	SCAMIT 1986 §
4722	Euchone sp SD1	Rowe 2004 §
4723	Euchone sp SD2	Rowe 2005 §
4724	Eudistylia cf brevicomata	(Ehlers 1905)
4725	Sabella (Potamilla) brevicomata	Ehlers 1905
4726	Eudistylia polymorpha	(Johnson 1901)
4727	Bispira polymorpha	Johnson 1901
4728	Diatylia monterea	Chamberlin 1919
4729	Eudistylia intermedia	Bush 1905
4730	Eudistylia vancouveri	(Kinberg 1867)
4731	Sabella vancouveri	Kinberg 1867
4732	Eudistylia abbreviata	Bush 1904
4733	Eudistylia plumosa	Bush 1904
4734	Eudistylia tennela	Bush 1904
4735	Fabrisabella sp A	SCAMIT 1986 §
4736	Laonome sp	
4737	Jasmineira sp B	SCAMIT 1986 §
4738	Manayunkia aestuarina	(Bourne 1883)
4739	Haplobranchus aestuarinus	Bourne 1883
4740	Manayunkia speciosa	Leidy 1859
4741	Megalomma circumspectum	(Moore 1923)
4742	Branchiomma circumspectum	Moore 1923
4743	Megalomma colorata	(Chamberlin 1919)
4744	Potamilla coloratum	Chamberlin 1919
4745	Megalomma pigmentum	Reish 1963
4746	Megalomma splendida	(Moore 1905)
4747	Pseudopotamilla splendida	Moore 1905
4748	Branchiomma burrardum	E. Berkeley 1930
4749	Myxicola sp	2. 200.0, 1000
4750	Myxicola infundibulum	of authors SCB not (Renier 1804)
4751	Paradialychone bimaculata	(Banse & Nichols 1968)
4752	Chone bimaculata	Banse & Nichols 1968
	Charle Simusdiata	

4752	Channel description	of suith and NED and Malanage 4007
4753 4754	Chone duneri	of authors NEP not Malmgren 1867
4754 4755	Paradialychone ecaudata	(Moore 1923)
	Jasmineira ecaudata	Moore 1923
4756	Chone ecaudata	(Moore 1923)
4757	Chone minuta	Hartman 1944
4758	Paradialychone eiffelturris	(Tovar-Hernandez 2007)
4759	Chone eiffelturris	Tovar-Hernandez 2007
4760	Chone sp SD1	Pt. Loma 1997 §
4761	Paradialychone harrisae	Tovar-Hernandez 2009
4762	Chone sp B	Harris 1984 §
4763	Paradialychone paramollis	(Tovar-Hernandez 2007)
4764	Chone paramollis	Tovar-Hernandez 2007
4765	Chone mollis	of authors SCB in part not (Bush 1904)
4766	Parasabella pallida	Moore 1923
4767	Demonax medius	of Hartman 1969 in part not Bush 1904
4768	Demonax pallidus	of authors SCB
4769	Parasabella nr rugosa	(Moore 1904)
4770	Parasabella sp 1	Fitzhugh 1993 §
4771	Demonax sp 1	Fitzhugh 1993 §
4772	Perkinsiana sp	
4773	Potamethus sp A	SCAMIT 1986 §
4774	Pseudopotamilla occelata	Moore 1905
4775	Pseudopotamilla socialis	Hartman 1944
4776	Pseudopotamilla sp 1	Fitzhugh 1993 §
4777	Schizobranchia insignis	Bush 1904
4778	Family Serpulidae	24011 1701
4779	Subfamily Serpulinae	
4780	Apomatus timsii	Pixell 1912
4781	Chitinopoma groenlandica	(Mörch 1863)
4782	Hydroides norvegica groenlandica	Mörch 1863
4783	Chitinopoma greenlandica	
4784	, ,	of Pixell 1912
4785	Crucigera zygophora	(Johnson 1901)
	Serpula zygophora	Johnson 1901
4786	Hyalopomatus biformis	(Hartman 1960)
4787	Vermiliopsis biformis	Hartman 1960
4788	Hydroides elegans	(Haswell 1883)
4789	Eupomatus elegans	Haswell 1883
4790	Hydroides gracilis	(Bush 1905)
4791	Eupomatus gracilis	Bush 1905
4792	Hydroides pacificus	Hartman 1969
4793	Placostegus californicus	Hartman 1969
4794	Protula superba	Moore 1909
4795	Protula tubularia	Berkeley & Berkeley 1941
4796	Pseudochitinopoma occidentalis	(Bush 1904)
4797	Hyalopomatopsis occidentalis	Bush 1904
4798	Salmacina tribranchiata	(Moore 1923)
4799	Filograna tribranchiata	Moore 1923
4800	Vermiliopsis infundibulum	(Philippi 1844)
4801	Vermilia infundibulum	Philippi 1844
4802	Serpula columbiana	Johnson 1901
4803	Spirobranchus spinosus	Moore 1923
4804	Subfamily Spirorbinae	
4805	Circeis armoricana	Saint-Joseph 1894
4806	Dexiospira brasilensis	(Grube 1872)
4807	Spirorbis brasiliensis	Grube 1872
4808	Janua (Dexiospira) brasiliensis	(Grube 1872)
4809	Neodexiospira pseudocorrugata	(Bush 1905)
4810	Spirorbis pseudocorrugatus	Bush 1905
4811	Pileolaria (Pileolaria) marginata	Knight-Jones 1978
4812	Protolaeospira eximia	(Bush 1904)
4813	Froioideospira eximia Spirorbis eximius	(Bush 1904) Bush 1904
4814	Protolaeospira (Protolaeospira) triflabellis	
		Knight-Jones 1973
4815	Simplaria pseudomilitaris	(Thiriot-Quievreux 1965)
4816	Spirorbis (Laeospira) pseudomilitaris	Thiriot-Quievreux 1965
4817	Spirorbis bifurcatus	Knight-Jones 1978
4818	Family Siboglinidae	11
4819	Siboglinum veleronis	Hartman 1961
4820	Suborder Terebellida	
4821	Infraorder Cirratuliformia	
4822	Family Acrocirridae	(0.1.100)
4823	Acrocirrus frontifilis	(Grube 1860)
4824	Heterocirrus frontifilis	Grube 1860

Applechence comparis   Applechence   Applechence comparis   Applechence	4825 4826	<i>Macrochaeta</i> sp A  Family Cirratulidae	Rowe 1999 §
4828			Blake 1996
4830	4828		
Agendenchaste as p	4829	Aphelochaeta glandaria	Blake 1996
Agency   A		Aphelochaeta marioni	of authors SCB not Saint Joseph 1894
AB33			
ASSA			
4835			
1836			
4837		1	,
Aphelochaeta multifile Type		· · · · · · · · · · · · · · · · · · ·	
Aphelochaeta phillipsi	4838	Aphelochaeta petersenae	Blake 1996
Aphelochaeta igrina   Blake 1996	4839	Aphelochaeta multifilis Type II	Blake 1993 §
Aphelocheate ap 1   Aphelocheate ap 1   Aphelocheate ap 1   IVP2		* , , , * *	
Aphelochaeta williamsae			
Aphelocheats sp HYP2		·	
### ### ### ### ### ### ### ### ### ##		* , , , ,	
Age		<u>.</u>	* v
Agent			· ·
Ashaba	4847	* , , , *	_ 1
A850   Caulleriella alata   Southern 1914   A851   Cheetozone elata   Southern 1914   A852   Caulleriella apicula   Blake 1996   A853   Caulleriella hamata   Glartman 1989 in part not (Hartman 1948)   A855   Caulleriella cristata   Blake 1996   Caulleriella cristata   Blake 1996   A855   Caulleriella hamata   Glartman 1948   A856   Thary hamatus   Hartman 1948   Hartman 1948   A857   Caulleriella lajolla   Blake 1996   Blake 1996   A859   Caulleriella pacifica   E. Berkeley 1929   A859   Caulleriella pracifica   E. Berkeley 1929   Caulleriella pracifica   E. Berkeley 1929   A859   Caulleriella sy SD2   Rowe 1996   A854   A856   Chaetozone acruta   Blake 1996   A856   Chaetozone armata   Hartman 1963   Blake 1996   A856   Chaetozone commonalis   Blake 1996   A857   Chaetozone passa corona   Berkeley & Berkeley 1941   A858   Chaetozone passa corona   Berkeley & Berkeley 1941   A857   Chaetozone hedgpethi   Blake 1996   A857   Chaetozone syniosa   Moore 1903   A858   Cirratulus cirratus Cmplx   A858   Cirratulus cirratus Cmplx   A858   Cirratulus multioculatus   Chaetozone berkeleyorum   Banae & Hobson 1968   Cirratulus multioculatus   Chaetozone berkeleyorum   A858   Cirratulus spirabranchu   Chaetozone multioculatus   Cirratus spirabranchu   Cirratus spirabranch	4848	Aphelochaeta petersenae	of Rowe 1996 § not Blake 1996
AB51	4849	Aphelochaeta sp SD5	Rowe 1998 §
AB52			,
AB53			
AB54		*	
AB55			
AB56			
AB57			,
A859   Caulleriella pacifica   E. Berkeley 1929   A860   Caulleriella yridis var pacifica   E. Berkeley 1929   A861   Caulleriella yridis var pacifica   E. Berkeley 1929   A862   Chaetosone acuta   Blake 1996   A863   Chaetosone armata   Hartman 1963   A864   Chaetosone bansei   Blake 1996   A865   Chaetosone columbiana   Blake 1996   A866   Chaetosone commonalis   Blake 1996   A867   Chaetosone commonalis   Blake 1996   A868   Chaetosone cornona   Berkeley & Berkeley 1941   A868   Chaetosone hartmanae   Blake 1996   A870   Caulleriella gracilis   Hartman 1968 not (Moore 1923)   A871   Chaetosone hartmanae   Blake 1996   A872   Chaetosone hedgpethi   Blake 1996   A873   Chaetosone hedgpethi   Blake 1996   A874   Chaetosone senticosa   Blake 1996   A875   Chaetosone senticosa   Blake 1996   A876   Chaetosone senticosa   Blake 1996   A877   Chaetosone senticosa   Blake 1996   A878   Chaetosone senticosa   Blake 1996   A879   Cirratulus cirratus Cmplx   A879   Cirratulus cirratus Cmplx   A880   Caulleriella gracilis   of Berkeley & Berkeley 1952 not (Moore 1923)   A881   Chaetosone sp SD2   Rowe 1997   A882   Caulleriella gracilis   of Berkeley & Berkeley 1952 not (Moore 1923)   A883   Cirratulus multioculatus   (Hartman 1961)   A884   Chaetosone berkeleyorum   Banse & Hobson 1988   A885   Cirriformia spirabrancha   (Moore 1904)   A886   Cirriformia spirabrancha   (Moore 1904)   A887   Cirratulus siripatrancha   (Moore 1904)   A888   Cirriformia spirabrancha   (Moore 1904)   A889   Promenia spectabilis   Of Berkeley & Berkeley 1950   A889   Promenia spectabilis   Of Berkeley & Berkeley 1950   A889   Cirratulus berkeleyorum   Of Berkeley & Be	4857		
A860	4858	Caulleriella lajolla	Blake 1996
4861	4859	Caulleriella pacifica	E. Berkeley 1929
A862		•	
4863		*	v
A864			
4865         Chaetozone columbiana         Blake 1996           4866         Chaetozone commonalis         Blake 1996           4867         Chaetozone cornona         Berkeley & Berkeley 1941           4868         Chaetozone spinosa corona         Berkeley & Berkeley 1941           4869         Chaetozone hartmanae         Blake 1996           4870         Caulleriella gracilis         Hartman 1969 not (Moore 1923)           4871         Chaetozone gracilis         of Hartman 1961 not (Moore 1923)           4872         Chaetozone hedgpethi         Blake 1996           4873         Chaetozone senticosa         Blake 1996           4874         Chaetozone senticosa         Blake 1996           4875         Chaetozone setosa Cmplx           4876         Chaetozone setosa Cmplx           4877         Chaetozone sp SD2         Rowe 1996 §           4878         Chaetozone sp SD3         Rowe 1997 §           4880         Cirratulus cirratus Cmplx           4881         Chaetozone berkeleyorum         Banse & Hobson 1968           4882         Cirratulus multioculatus         (Hartman 1961)           4883         Cirratulus cirratus         (Hartman 1961)           4884         Cirratulus cirratulus         (Moore 1904) <td></td> <td></td> <td></td>			
Blake 1996			
4868         Chaetozone spinosa corona         Berkeley § Berkeley 1941           4869         Chaetozone hartmanae         Blake 1996           4870         Caulleriella gracilis         Hartman 1969 not (Moore 1923)           4871         Chaetozone gracilis         of Hartman 1961 not (Moore 1923)           4872         Chaetozone hedgpethi         Blake 1996           4873         Chaetozone sunticosa         Blake 1996           4874         Chaetozone senticosa         Blake 1996           4875         Chaetozone setosa Cmplx           4876         Chaetozone spinosa         Moore 1903           4877         Chaetozone sp SD3         Rowe 1996 §           4879         Cirratulus cirratus Cmplx           4880         Caulleriella gracilis         of Berkeley & Berkeley 1952 not (Moore 1923)           4881         Chaetozone berkeleyorum         Banse & Hobson 1968           4882         Cirratulus cirratus         of Hartman 1969 not (O. F. Müller 1776)           4883         Cirratulus multioculatus         (Hartman 1961)           4886         Cirriformia spirabrancha         (Moore 1904)           4887         Cirratulus spirabrancha         (Moore 1904)           4888         Cirratulus spirabranchus         (Kinberg 1866)			
Blake   1996   Chaetozone hartmanae   Blake   1996   4870   Caulleriella gracilis   Hartman 1969 not (Moore 1923)   4871   Chaetozone gracilis   of Hartman 1961 not (Moore 1923)   4872   Chaetozone hedgpethi   Blake 1996   4873   Chaetozone lunula   Blake 1996   4874   Chaetozone senticosa   Blake 1996   4875   Chaetozone setosa Cmplx   4876   Chaetozone sylnosa   Moore 1903   4877   Chaetozone sylnosa   Moore 1903   4877   Chaetozone sylnosa   Rowe 1996 § 4878   Chaetozone sylnosa   Rowe 1997 § 4879   Cirratulus cirratus Cmplx   Cirratulus cirratus Cmplx   Caulleriella gracilis   of Berkeley & Berkeley 1952 not (Moore 1923)   4880   Caulleriella gracilis   of Hartman 1968   4882   Cirratulus cirratus   Of Hartman 1969 not (O. F. Müller 1776)   4883   Cirratulus multioculatus   (Hartman 1969 not (O. F. Müller 1776)   4884   Chaetozone multioculata   Hartman 1961   4885   Cirriformia dillonensis   Blake 1996   4886   Cirriformia spirabrancha   (Moore 1904)   4887   Cirratulus spirabrancha   (Moore 1904)   4888   Cirriformia spectabilis   (Kinberg 1866)   4889   Promenia spectabilis   (Kinberg 1866)   4890   Cirratulus cirratulus berkeleyorum   of Banse & Hobson 1968   4891   Cirratulus cirratulus of Barkeley & Berkeley 1950   4892   Cirratulus cirratulus of Barkeley & Berkeley 1950   6 Barkeley & Barkeley 1950   6 Barkeley & Ba	4867	Chaetozone corona	Berkeley & Berkeley 1941
4870         Caulleriella gracilis         Hartman 1969 not (Moore 1923)           4871         Chaetozone gracilis         of Hartman 1961 not (Moore 1923)           4872         Chaetozone hunula         Blake 1996           4873         Chaetozone senticosa         Blake 1996           4874         Chaetozone senticosa         Blake 1996           4875         Chaetozone spinosa         Moore 1903           4877         Chaetozone sp SD2         Rowe 1996 §           4878         Chaetozone sp SD3         Rowe 1997 §           4879         Cirratulus cirratus Cmplx           4880         Caulleriella gracilis         of Berkeley & Berkeley 1952 not (Moore 1923)           4881         Chaetozone berkeleyorum         Banse & Hobson 1968           4882         Cirratulus cirratus         of Hartman 1969 not (O. F. Müller 1776)           4883         Cirratulus multioculatus         (Hartman 1961)           4884         Cirratulus multioculatus         (Hartman 1961)           4885         Cirriformia spirabrancha         (Moore 1904)           4886         Cirriformia spirabrancha         (Moore 1904)           4888         Cirritulus spirabranchus         (Kinberg 1866)           48890         Promenia spectabilis         Kinberg 1866     <		· · · · · · · · · · · · · · · · · · ·	
4871         Chaetozone gracilis         of Hartman 1961 not (Moore 1923)           4872         Chaetozone hedgpethi         Blake 1996           4873         Chaetozone lunula         Blake 1996           4874         Chaetozone senticosa         Blake 1996           4875         Chaetozone setosa Cmplx           4876         Chaetozone sp SD2         Rowe 1996 §           4877         Chaetozone sp SD3         Rowe 1997 §           4879         Cirratulus cirratus Cmplx           4880         Caulleriella gracilis         of Berkeley & Berkeley 1952 not (Moore 1923)           4881         Chaetozone berkeleyorum         Banse & Hobson 1968           4882         Cirratulus cirratus         of Hartman 1969 not (O. F. Müller 1776)           4883         Cirratulus multioculatus         (Hartman 1961)           4884         Chaetozone multioculatus         (Hartman 1961)           4885         Cirriformia spirabrancha         (Moore 1904)           4887         Cirratulus spirabrancha         (Moore 1904)           4888         Cirriformia spectabilis         (Kinberg 1866)           4890         Cirratulus spectabilis         Kinberg 1866           4891         Cirratulus spectabilis         of Banse & Hobson 1968           6 Be			
4872         Chaetozone hedgpethi         Blake 1996           4873         Chaetozone lunula         Blake 1996           4874         Chaetozone senticosa         Blake 1996           4875         Chaetozone setiosa Cmplx           4876         Chaetozone sp SD2         Rowe 1996 §           4877         Chaetozone sp SD3         Rowe 1997 §           4878         Chaetozone sp SD3         Rowe 1997 §           4879         Cirratulus cirratus Cmplx           4880         Caulleriella gracilis         of Berkeley & Berkeley 1952 not (Moore 1923)           4881         Chaetozone berkeleyorum         Banse & Hobson 1968           4882         Cirratulus cirratus         (Hartman 1960 not (O. F. Müller 1776)           4883         Cirratulus multioculatus         (Hartman 1961)           4884         Chaetozone multioculata         Hartman 1961           4885         Cirriformia spirabrancha         (Moore 1904)           4887         Cirratulus spirabranchus         (Moore 1904)           4888         Cirratulus berkeleyorum         of Banse & Hobson 1968           4890         Cirratulus berkeleyorum         of Banse & Hobson 1968           4891         Cirratulus cirratulus         of Berkeley & Berkeley 1950           4892 <td></td> <td>•</td> <td></td>		•	
4873         Chaetozone lunula         Blake 1996           4874         Chaetozone senticosa         Blake 1996           4875         Chaetozone setosa Cmplx           4876         Chaetozone spinosa         Moore 1903           4877         Chaetozone sp SD2         Rowe 1996 §           4878         Chaetozone sp SD3         Rowe 1997 §           4879         Cirratulus cirratus Cmplx           4880         Caulleriella gracilis         of Berkeley & Berkeley 1952 not (Moore 1923)           4881         Chaetozone berkeleyorum         Banse & Hobson 1968           4882         Cirratulus cirratus         of Hartman 1969 not (O. F. Müller 1776)           4883         Cirratulus multioculatus         (Hartman 1961)           4884         Cirriformia dillonensis         Blake 1996           4886         Cirriformia spirabrancha         (Moore 1904)           4887         Cirratulus spirabranchus         (Moore 1904)           4888         Cirriformia spectabilis         (Kinberg 1866)           4890         Cirratulus berkeleyorum         of Banse & Hobson 1968           4891         Cirratulus spectabilis         Kinberg 1866           4892         Cirratulus cirratulus         of Berkeley & Berkeley 1950           6 Hartman 19			
4874         Chaetozone senticosa         Blake 1996           4875         Chaetozone setosa Cmplx           4876         Chaetozone spinosa         Moore 1903           4877         Chaetozone sp SD2         Rowe 1996 §           4878         Chaetozone sp SD3         Rowe 1997 §           4879         Cirratulus cirratus Cmplx           4880         Caulleriella gracilis         of Berkeley & Berkeley 1952 not (Moore 1923)           4881         Chaetozone berkeleyorum         Banse & Hobson 1968           4882         Cirratulus cirratus         of Hartman 1969 not (O. F. Müller 1776)           4883         Cirratulus multioculatus         (Hartman 1961)           4884         Chaetozone multioculata         Hartman 1961           4885         Cirriformia spirabrancha         (Moore 1904)           4886         Cirriformia spirabrancha         (Moore 1904)           4887         Cirratulus spirabranchus         (Kinberg 1866)           4889         Promenia spectabilis         (Kinberg 1866)           4890         Cirratulus cirratulus         of Banse & Hobson 1968           4891         Cirratulus cirratulus         of Berkeley & Berkeley 1950           4892         Cirratulus cirratulus         of Berkeley & Berkeley 1950		S.	
4875         Chaetozone spinosa         Moore 1903           4876         Chaetozone spinosa         Moore 1903           4877         Chaetozone sp SD2         Rowe 1996 §           4878         Chaetozone sp SD3         Rowe 1997 §           4879         Cirratulus cirratus Cmplx           4880         Caulleriella gracilis         of Berkeley & Berkeley 1952 not (Moore 1923)           4881         Chaetozone berkeleyorum         Banse & Hobson 1968           4882         Cirratulus cirratus         of Hartman 1969 not (O. F. Müller 1776)           4883         Cirratulus multioculatus         (Hartman 1961)           4884         Chaetozone multioculata         Hartman 1961           4885         Cirriformia dillonensis         Blake 1996           4886         Cirriformia spirabrancha         (Moore 1904)           4887         Cirratulus pirabranchus         (Kinberg 1866)           4888         Promenia spectabilis         (Kinberg 1866)           4890         Promenia spectabilis         Kinberg 1866           4891         Cirratulus cirratulus         of Banse & Hobson 1968           4891         Cirratulus cirratulus         of Berkeley & Berkeley 1950           4892         Cirratulus cirratulus         (Montagu 1808)			
4877         Chaetozone sp SD2         Rowe 1996 §           4878         Chaetozone sp SD3         Rowe 1997 §           4879         Cirratulus cirratus Cmplx           4880         Caulleriella gracilis         of Berkeley & Berkeley 1952 not (Moore 1923)           4881         Chaetozone berkeleyorum         Banse & Hobson 1968           4882         Cirratulus cirratus         of Hartman 1969 not (O. F. Müller 1776)           4883         Cirratulus multioculatus         (Hartman 1961)           4884         Chaetozone multioculata         Hartman 1961           4885         Cirriformia dillonensis         Blake 1996           4886         Cirriformia spirabrancha         (Moore 1904)           4887         Cirratulus spirabranchus         Moore 1904           4888         Cirriformia spectabilis         (Kinberg 1866)           4890         Promenia spectabilis         Kinberg 1866           4891         Cirratulus cirratulus         of Banse & Hobson 1968           4891         Cirratulus cirratulus         of Berkeley & Berkeley 1950           4892         Cirratulus cirratulus         of Berkeley & Berkeley           4893         Cirriformia tentaculata         (Montagu 1808)           4894         Terebella tentaculata         Montagu 1			
4878         Chaetozone sp SD3         Rowe 1997 §           4879         Cirratulus cirratus Cmplx           4880         Caulleriella gracilis         of Berkeley & Berkeley 1952 not (Moore 1923)           4881         Chaetozone berkeleyorum         Banse & Hobson 1968           4882         Cirratulus cirratus         of Hartman 1969 not (O. F. Müller 1776)           4883         Cirratulus multioculatus         (Hartman 1961)           4884         Chaetozone multioculata         Hartman 1961           4885         Cirriformia dillonensis         Blake 1996           4886         Cirriformia spirabrancha         (Moore 1904)           4887         Cirratulus spirabranchus         Moore 1904           4888         Cirriformia spectabilis         (Kinberg 1866)           4889         Promenia spectabilis         Kinberg 1866           4890         Cirratulus berkeleyorum         of Banse & Hobson 1968           4891         Cirratulus cirratulus         of Berkeley & Berkeley 1950           4892         Cirratulus spectabilis         of Hartman 1948           4893         Cirratulus cirratulus directulata         (Montagu 1808)           4894         Terebella tentaculata         Montagu 1808           4895         Cirriformia sp B         Har	4876	Chaetozone spinosa	Moore 1903
4879         Cirratulus cirratus Cmplx           4880         Caulleriella gracilis         of Berkeley & Berkeley 1952 not (Moore 1923)           4881         Chaetozone berkeleyorum         Banse & Hobson 1968           4882         Cirratulus cirratus         of Hartman 1969 not (O. F. Müller 1776)           4883         Cirratulus multioculatus         (Hartman 1961)           4884         Chaetozone multioculata         Hartman 1961           4885         Cirriformia dillonensis         Blake 1996           4886         Cirriformia spirabrancha         (Moore 1904)           4887         Cirratulus spirabranchus         (Moore 1904)           4888         Cirriformia spectabilis         (Kinberg 1866)           4889         Promenia spectabilis         Kinberg 1866           4890         Cirratulus berkeleyorum         of Banse & Hobson 1968           4891         Cirratulus cirratulus         of Berkeley & Berkeley 1950           4892         Cirratulus spectabilis         of Hartman 1948           4893         Cirriformia tentaculata         (Montagu 1808)           4894         Terebella tentaculata         Montagu 1808           4895         Cirriformia sp B         Harris 1999 §			
4880         Caulleriella gracilis         of Berkeley & Berkeley 1952 not (Moore 1923)           4881         Chaetozone berkeleyorum         Banse & Hobson 1968           4882         Cirratulus cirratus         of Hartman 1968 not (O. F. Müller 1776)           4883         Cirratulus multioculatus         (Hartman 1961)           4884         Chaetozone multioculata         Hartman 1961           4885         Cirriformia dillonensis         Blake 1996           4886         Cirriformia spirabrancha         (Moore 1904)           4887         Cirratulus spirabranchus         Moore 1904           4888         Cirriformia spectabilis         (Kinberg 1866)           4890         Promenia spectabilis         Kinberg 1866           4891         Cirratulus berkeleyorum         of Banse & Hobson 1968           4892         Cirratulus cirratulus         of Berkeley & Berkeley 1950           4892         Cirratulus spectabilis         of Hartman 1948           4893         Cirriformia tentaculata         (Montagu 1808)           4894         Terebella tentaculata         Montagu 1808           4895         Cirriformia sp B         Harris 1999 §			Rowe 1997 §
4881         Chaetozone berkeleyorum         Banse & Hobson 1968           4882         Cirratulus cirratus         of Hartman 1969 not (O. F. Müller 1776)           4883         Cirratulus multioculatus         (Hartman 1961)           4884         Chaetozone multioculata         Hartman 1961           4885         Cirriformia dillonensis         Blake 1996           4886         Cirriformia spirabrancha         (Moore 1904)           4887         Cirratulus spirabranchus         Moore 1904           4888         Cirriformia spectabilis         (Kinberg 1866)           4889         Promenia spectabilis         Kinberg 1866           4890         Cirratulus berkeleyorum         of Banse & Hobson 1968           4891         Cirratulus cirratulus         of Berkeley & Berkeley 1950           4892         Cirratulus cirratulus         of Hartman 1948           4893         Cirriformia tentaculata         (Montagu 1808)           4894         Terebella tentaculata         Montagu 1808           4895         Cirriformia sp B         Harris 1999 §		*	
4882         Cirratulus cirratus         of Hartman 1969 not (O. F. Müller 1776)           4883         Cirratulus multioculatus         (Hartman 1961)           4884         Chaetozone multioculata         Hartman 1961           4885         Cirriformia dillonensis         Blake 1996           4886         Cirriformia spirabrancha         (Moore 1904)           4887         Cirratulus spirabranchus         Moore 1904           4888         Cirriformia spectabilis         (Kinberg 1866)           4899         Promenia spectabilis         Kinberg 1866           4890         Cirratulus berkeleyorum         of Banse & Hobson 1968           4891         Cirratulus cirratulus         of Berkeley & Berkeley 1950           4892         Cirratulus spectabilis         of Hartman 1948           4893         Cirriformia tentaculata         (Montagu 1808)           4894         Terebella tentaculata         Montagu 1808           4895         Cirriformia sp B         Harris 1999 §			
4883         Cirratulus multioculatus         (Hartman 1961)           4884         Chaetozone multioculata         Hartman 1961           4885         Cirriformia dillonensis         Blake 1996           4886         Cirriformia spirabrancha         (Moore 1904)           4887         Cirratulus spirabranchus         Moore 1904           4888         Cirriformia spectabilis         (Kinberg 1866)           4889         Promenia spectabilis         Kinberg 1866           4890         Cirratulus berkeleyorum         of Banse & Hobson 1968           4891         Cirratulus cirratulus         of Berkeley & Berkeley 1950           4892         Cirratulus spectabilis         of Hartman 1948           4893         Cirriformia tentaculata         (Montagu 1808)           4894         Terebella tentaculata         Montagu 1808           4895         Cirriformia sp B         Harris 1999 §		•	
4884         Chaetozone multioculata         Hartman 1961           4885         Cirriformia dillonensis         Blake 1996           4886         Cirriformia spirabrancha         (Moore 1904)           4887         Cirratulus spirabranchus         Moore 1904           4888         Cirriformia spectabilis         (Kinberg 1866)           4889         Promenia spectabilis         Kinberg 1866           4890         Cirratulus berkeleyorum         of Banse & Hobson 1968           4891         Cirratulus cirratulus         of Berkeley & Berkeley 1950           4892         Cirratulus spectabilis         of Hartman 1948           4893         Cirriformia tentaculata         (Montagu 1808)           4894         Terebella tentaculata         Montagu 1808           4895         Cirriformia sp B         Harris 1999 §			
4885         Cirriformia dillonensis         Blake 1996           4886         Cirriformia spirabrancha         (Moore 1904)           4887         Cirratulus spirabranchus         Moore 1904           4888         Cirriformia spectabilis         (Kinberg 1866)           4889         Promenia spectabilis         Kinberg 1866           4890         Cirratulus berkeleyorum         of Banse & Hobson 1968           4891         Cirratulus cirratulus         of Berkeley & Berkeley 1950           4892         Cirratulus spectabilis         of Hartman 1948           4893         Cirriformia tentaculata         (Montagu 1808)           4894         Terebella tentaculata         Montagu 1808           4895         Cirriformia sp B         Harris 1999 §			,
4887         Cirratulus spirabranchus         Moore 1904           4888         Cirriformia spectabilis         (Kinberg 1866)           4889         Promenia spectabilis         Kinberg 1866           4890         Cirratulus berkeleyorum         of Banse & Hobson 1968           4891         Cirratulus cirratulus         of Berkeley & Berkeley 1950           4892         Cirratulus spectabilis         of Hartman 1948           4893         Cirriformia tentaculata         (Montagu 1808)           4894         Terebella tentaculata         Montagu 1808           4895         Cirriformia sp B         Harris 1999 §			
4888         Cirriformia spectabilis         (Kinberg 1866)           4889         Promenia spectabilis         Kinberg 1866           4890         Cirratulus berkeleyorum         of Banse & Hobson 1968           4891         Cirratulus cirratulus         of Berkeley & Berkeley 1950           4892         Cirratulus spectabilis         of Hartman 1948           4893         Cirriformia tentaculata         (Montagu 1808)           4894         Terebella tentaculata         Montagu 1808           4895         Cirriformia sp B         Harris 1999 §			(Moore 1904)
4889         Promenia spectabilis         Kinberg 1866           4890         Cirratulus berkeleyorum         of Banse & Hobson 1968           4891         Cirratulus cirratulus         of Berkeley & Berkeley 1950           4892         Cirratulus spectabilis         of Hartman 1948           4893         Cirriformia tentaculata         (Montagu 1808)           4894         Terebella tentaculata         Montagu 1808           4895         Cirriformia sp B         Harris 1999 §			
4890 Cirratulus berkeleyorum of Banse & Hobson 1968 4891 Cirratulus cirratulus of Berkeley & Berkeley 1950 4892 Cirratulus spectabilis of Hartman 1948 4893 Cirriformia tentaculata (Montagu 1808) 4894 Terebella tentaculata Montagu 1808 4895 Cirriformia sp B Harris 1999 §		· · · · · · · · · · · · · · · · · · ·	` '
4891 Cirratulus cirratulus of Berkeley & Berkeley 1950 4892 Cirratulus spectabilis of Hartman 1948 4893 Cirriformia tentaculata (Montagu 1808) 4894 Terebella tentaculata Montagu 1808 4895 Cirriformia sp B Harris 1999 §			· · · · · · · · · · · · · · · · · · ·
4892         Cirratulus spectabilis         of Hartman 1948           4893         Cirriformia tentaculata         (Montagu 1808)           4894         Terebella tentaculata         Montagu 1808           4895         Cirriformia sp B         Harris 1999 §			
4893         Cirriformia tentaculata         (Montagu 1808)           4894         Terebella tentaculata         Montagu 1808           4895         Cirriformia sp B         Harris 1999 §			
4894 Terebella tentaculata Montagu 1808 4895 Cirriformia sp B Harris 1999 §		· · · · · · · · · · · · · · · · · · ·	
4895 Cirriformia sp B Harris 1999 §		· ·	· •
4896 Cirriformia sp LA1 Brantley 1999 §		Cirriformia sp B	•
	4896	Cirriformia sp LA1	Brantley 1999 §

4897	Cirriformia sp SD1	Rowe 1997 §
4898	Cirriformia sp SD2	Rowe 1998 §
4899	Cirriformia sp SD3	Rowe 2005 §
4900	Dodecaceria concharum	Ørsted 1843
4901	Dodecaceria fewkesi	Berkeley & Berkeley 1954
4902 4903	Monticellina cryptica  Monticellina dorsobranchialis	Blake 1996 of authors not (Kirkegaard 1959)
4903	Monticellina sp A	of authors SCB
4905	Tharyx sp A	Dorsey 1984 §
4906	Monticellina luticastella	(Jumars 1975)
4907	Tharyx luticastella	Jumars 1975
4908	Monticellina serratiseta	(Banse & Hobson 1968)
4909	Tharyx serratiseta	Banse & Hobson 1968
4910	Aphelochaeta serratiseta	of Blake 1991
4911	Monticellina siblina	Blake 1996
4912	Monticellina tesselata	of authors NEP not (Hartman 1960)
4913	Tharyx tesselata	of authors NEP not Hartman 1960
4914 4915	Monticellina tesselata	(Hartman 1960) Hartman 1960
4916	Tharyx tesselata <i>Monticellina</i> sp 1	Lovell & Phillips 1995 §
4917	Protocirrineris socialis	Blake 1996
4918	Protocirrineris sp A	SCAMIT 1995 §
4919	Protocirrineris sp 1	Phillips 1995 §
4920	Protocirrineris sp B	SCAMIT 1995 §
4921	Protocirrineris sp 2	Phillips 1995 §
4922	Timarete luxuriosa	(Moore 1904)
4923	Cirratulus luxuriosus	Moore 1904
4924	Cirriformia luxuriosa	of Hartman 1969
4925	Family Ctenodrilidae	(C.1
4926 4927	Ctenodrillus serratus	(Schmidt 1857)
4927	Parthenope serrata Raricirrus maculatus	Schmidt 1857 Hartman 1961
4929	Family Fauveliopsidae	Hartman 1901
4930	Fauveliopsis armata	Fauchald & Hancock 1981
4931	Fauveliopsis glabra	(Hartman 1960)
4932	Brada glabra	Hartman 1960
4933	Fauveliopsis magna	Fauchald & Hancock 1981
4934	Fauveliopsis sp SD1	Langan 2000 §
4935	Family Flabelligeridae	
4936	Brada pilosa	Moore 1923
4937	Brada pilosa	of authors SBC, not (Rathke 1843)
4938	Diplocirrus sp SD1 <mark>Flabelliderma essenbergae</mark>	Rowe 1998 §
4939 4940	Flabelliderma papillosa	Hartman 1961 Salazar-Vallejo 2007
4940	Flabelliderma ockeri	Salazar-Vallejo 2007 Salazar-Vallejo 2007
4942	Flabelligera infundibularis	Johnson 1901
4943	Pherusa inflata	(Treadwell 1914)
4944	Trophonia inflata	Treadwell 1914
4945	Pherusa negligens	(Berkeley & Berkeley 1950)
4946	Stylarioides negligens	Berkeley & Berkeley 1950
4947	Pherusa cf negligens	Rowe 1996 §
4948	Pherusa neopapillata	Hartman 1961
4949	Pherusa papillata	(Johnson 1901)
4950	Trophonia papillata	Johnson 1901
4951	Piromis capulata	(Moore 1909)
4952	Trophonia capulata	Moore 1909
4953 4954	Pherusa capulata Piromis hospitis	(Moore 1909) Fauchald 1972
4954 4955	Piromis nospitis Piromis sp A	Harris 1985 §
4956	Family Sternaspidae	11μ113 1705 γ
4957	Sternaspis fossor	Stimpson 1854
4958	Sternaspis affinis	Stimpson 1864
4959	Infraorder Terebelliformia	•
4960	Family Ampharetidae	
4961	Subfamily Ampharetinae	
4962	Amage anops	(Johnson 1901)
4963	Sabellides anops	Johnson 1901
4964	Ampharete acutifrons	(Grube 1860)
4965	Amphicteis acutifrons	Grube 1860
4966 4967	Ampharete cirrata	Webster & Benedict 1887
4967 4968	Ampharete grubei	Malmgren 1866 (M. Sars 1864)
<del>4</del> 900	Ampharete finmarchica	(IVI. 5a15 1004)

4969	Amphistais finmarchics	M. Sars 1864
4909	Amphicteis finmarchica Ampharete arctica	
4971	Ampharete goesi	Malmgren 1866 Malmgren 1866
4972	Ampharete labrops	Hartman 1961
4973	Ampharetidae sp SD1	Pt. Loma 1999 §
4974	Ampharetidae sp 1	Pt. Loma 1994 §
4975	Amphicteis glabra	Moore 1905
4976	Amphicteis mucronata	Moore 1923
4977	Amphicteis scaphobranchiata	Moore 1906
4978	Anobothrus gracilis	(Malmgren 1866)
4979	Ampharete gracilis	Malmgren 1866
4980	Ampharete gagarae	of Banse & Hobson 1968 not Ushakov 1955
4981	Sosane sulcata nidrosiensis	Bidenkap 1907
4982	Asabellides lineata	(Berkeley & Berkeley 1943)
4983	Pseudosabellides lineata	Berkeley & Berkeley 1943
4984	Eclysippe trilobata	(Hartman 1969)
4985	Anobrothrus trilobatus	Hartman 1969
4986	Glyphanostomum pallescens	(Théel 1879)
4987	Samytha pallescens	Théel 1879
4988	Lysippe sp A	Williams 1984 §
4989	Lysippe labiata	of authors SCB not Malmgren 1866
4990	Lysippe sp B	Williams 1985 §
4991	Lysippe labiata	of Hilbig 2000 in part not Malmgren 1866
4992	Mexamage longibranchiata	(Hartman 1960)
4993	Amage longibranchiata	Hartman 1960
4994	Mexamage corrugata	Hilbig 2000
4995	Mooresamytha bioculata	(Moore 1906)
4996	Samytha bioculata	Moore 1906
4997	Amphisamytha bioculata	of Hartman 1969
4998	Paralysippe annectens	(Moore 1923)
4999	Lysippe annectens	Moore 1923
5000	Paramage scutata	(Moore 1923)
5001	Amage scutata	Moore 1923
5002	Sabellides manriquei	Salazar-Vallejo 1996
5003	Sabellides sp 1	of Pt. Loma 1991 §
5004	Samytha californiensis	Hartman 1969
5005	Schistocomus hiltoni	Chamberlin 1919
5006	Schistocomus sp A	SCAMIT 1987 §
5007	Schistocomus hiltoni	of Hartman 1969 in part not Chamberlin 1919
5008	Sosane occidentalis	(Hartman 1969)
5009	Anobothrus occidentalis	Hartman 1969
5010	Sosanopsis sp A	SCAMIT 1996 §
5011	Sosanopsis sp A	Phillips 1987 §
5012	Subfamily Melininae	
5013	Melinna heterodonta	Moore 1923
5014	Melinna cristata heterodonta	Moore 1923
5015	Melinna oculata	Hartman 1969
5016	Family Pectinariidae	
5017	Pectinaria californiensis	Hartman 1941
5018	Pectinaria granulata	(Linnaeus 1767)
5019	Sabella granuata	Linnaeus 1767
5020	Family Terebellidae	
5021	Subfamily Amphitritinae	
5022	Amphitrite robusta	Johnson 1901
5023	Neoamphitrite robusta	(Johnson 1901)
5024	Eupolymnia heterobranchia	(Johnson 1901)
5025	Lanice heterobranchia	Johnson 1901
5026	Lanassa gracilis	(Moore 1923)
5027	Leaena gracilis	Moore 1923
5028	Lanassa venusta venusta	(Malm 1874)
5029	Laphaniella venusta	Malm 1874
5030	Lanice conchilega	(Pallas 1776)
5031	Nereis conchilega	Pallas 1776
5032	Laphania sp	GGANGE ASSA
5033	Loimia sp A	SCAMIT 2001 §
5034	Loimia medusa	of authors NEP not (Savigny 1818)
5035	Lysilla sp SD1	Barwick 2006 §
5036	Neoleprea californica	(Moore 1904)
5037	Terebella californica	Moore 1904
5038	Neoleprea japonica	Hessle 1917
5039	Neoleprea spiralis	(Johnson 1901)
5040	Amphitrite spiralis	Johnson 1901

F044	M: I A	H:- 1005 8
5041	Nicolea sp A	Harris 1985 §
5042	Phisidia sanctaemariae	Hilbig 2000
5043	Lanassa sp D	Harris 1992 §
5044	Pista agassizi	Hilbig 2000
5045	Pista brevibranchia	Chamberlin 1919
5046	Pista alata	Moore 1909
5047	Pista brevibranchiata	Moore 1923
5048	Pista agassizi	of authors SCB not Hilbig 2000
5049	Pista alata	of authors SCB in part not Moore 1909
5050	Pista percyi	Hilbig 2000
5051	Pista elongata	Moore 1909
5052	Pista maculata	Marenzeller 1884
5053	Pista marenzelleri	Hessle 1917
5054	Pista estevanica	Berkeley & Berkeley 1942
5055	Pista bansei	Saphronova 1988
5056	Pista sp B	SCAMIT 1985 §
5057	Pista moorei	Berkeley & Berkeley 1942
5058	Pista cf pacifica	Berkeley & Berkeley 1942
5059	Pista wui	Saphronova 1988
5060	Pista disjuncta	of authors SCB not Moore 1923
5061	Pista fasciata	of authors SCB not (Grube 1870)
5062	Pista sp C	Williams 1985 §
5063	Subfamily Artacaminae	
5064	Artacama coniferi	Moore 1905
5065	Subfamily Polycirrinae	
5066	Amaeana occidentalis	(Hartman 1944)
5067	Amaea occidentalis	Hartman 1944
5068	Polycirrus californicus	Moore 1909
5069	Polycirrus caliendrum	of Berkeley & Berkeley 1952 in part not Claparède 1868
5070	Polycirrus perplexus	Moore 1923
5071	Polycirrus californicus	of authors SCB in part not Moore 1909
5072	Polycirrus sp I	Banse 1980
5073	Polycirrus sp III	Banse 1980
5074	Polycirrus sp V	Banse 1980
5075	Polycirrus sp A	SCAMIT 1995 §
5076	Polycirrus sp OC1	Phillips & Lovell 1999 §
5077	Polycirrus sp SD3	Barwick 2004 §
5078	Proclea sp A	Harris 1992 §
5079	Subfamily Terebellinae	11d1115 1992 g
5080	Ramex californica	Hartman 1944
5081	· · · · · · · · · · · · · · · · · · ·	Moore 1903
	Scionella japonica	Chamberlin 1919
5082	Scionides dux	
5083	Spinosphaera harrisae	Londono-Mesa 2003 Rowe 1997 §
5084	Spinosphaera sp SD1	· ·
5085	Spinosphaera oculata	Hartman 1944
5086	Streblosoma crassibranchia	Treadwell 1914
5087	Streblosoma pacifica	Hilbig 2000
5088	Streblosoma sp A	Williams 1985 §
5089	Streblosoma sp B	SCAMIT 1985 §
5090	Streblosoma sp SF1	Norris 2002 §
5091	Subfamily Thelepodinae	I-h 1001
5092	Thelepus crispus	Johnson 1901
5093	Thelepus hamatus	Moore 1905
5094	Thelepus setosus	(Quatrefages 1865)
5095	Phenacia setosus	Quatrefages 1865
5096	Streblosoma verrilli	Treadwell 1911
5097	Family Trichobranchidae	II 1055
5098	Artacamella hancocki	Hartman 1955
5099	Octobranchus sp A	Blake 2000
5100	Terebellides californica	Williams 1984
5101	Terebellides reishi	Williams 1984
5102	Terebellides sp Type C	Williams 1984
5103	Terebellides sp Type D	Williams 1984
5104	Trichobranchidae sp LA1	Brantley 2004 §
5105	Suborder Spionida	
5106	Family Apistobranchidae	10.65
5107	Apistobranchus ornatus	Hartman 1965
5108	Family Chaetopteridae	
5109	Chaetopterus variopedatus Cmplx	
5110	Mesochaetopterus sp	
5111	Phyllochaetopterus limicolus	Hartman 1960
5112	Phyllochaetopterus prolifica	Potts 1914

5113	Spiochaetopterus costarum Cmplx	
5114	Spiochaetopterus costarum	of authors NEP not (Claparède 1870)
5115	Leptochaetopterus pottsi	E. Berkeley 1927
5116	Spiochaetopterus costarum pottsi	of Gitay 1969
5117	Family Longosomatidae	GT
5118	Heterospio catalinensis	(Hartman 1944)
5119 5120	Longosoma catalinensis	Hartman 1944
5120 5121	Family Magelonidae Magelona berkeleyi	Jones 1971
5122	Magelona berketeyi Magelona hartmanae	Jones 1971 Jones 1978
5123	Magelona hartmanae Magelona hobsonae	Jones 1978
5124	Magelona longicornis	Johnson 1901
5125	Magelona pitelkai	Hartman 1944
5126	Magelona riojai	Jones 1963
5127	Magelona sacculata	Hartman 1961
5128	Magelona sp A	SCAMIT 1993 §
5129	Magelona sp B	Harris & Rowe 2003 §
5130	Magelona sp SD10	Rowe 1996 §
5131	Family Poecilochaetidae	H 1020
5132	Poecilochaetus johnsoni	Hartman 1939
5133 5134	Peocilochaetus martini	Brantley 2009 SCAMIT 2003 §
5135	Poecilochaetus sp A Poecilochaetus sp A	Martin 1977 §
5136	Poecilochaetus sp A	of Lissner et al 1986 not Blake 1996
5137	Poecilochaetus johnsoni	of Blake 1996 in part not Hartman 1939
5138	Family Spionidae	
5139	Aonides sp SD1	Langan 2002 §
5140	Apoprionospio pygmaea	(Hartman 1961)
5141	Prionospio pygmaeus	Hartman 1961
5142	Prionospio pygmaea	of Blake & Kudenov 1978
5143	Boccardia basilaria	Hartman 1961
5144	Boccardia columbiana	Berkeley 1927
5145	Boccardia pugettensis	Blake 1979
5146	Boccardia natrix	of Berkeley & Berkeley 1936 not Söderström 1920
5147 5148	Boccardiella hamata	(Webster 1879) Webster 1879
5149	Polydora hamata Boccardia uncata	E. Berkeley 1927
5150	Carazziella sp A	SCAMIT 1995 §
5151	Carazziella calafia	of authors SCB, not Blake 1979
5152	Carazziella citrona	of authors SCB, not Hartman 1941
5153	Dipolydora akaina	Blake 1996
5154	Dipolydora armata	(Langerhans 1880)
5155	Polydora armata	Langerhans 1880
5156	Polydora monilaris	Ehlers 1905
5157	Dipolydora cf armata	SCAMIT 1983 §
5158	Dipolydora barbilla	(Blake 1980)
5159	Polydora barbilla	Blake 1980 (Zoobs 1922)
5160 5161	<i>Dipolydora bidentata</i> Polydora flava bidentata	(Zachs 1933) Zachs 1933
5162	Polydora convexa	Blake & Woodwick 1971
5163	Dipolydora bifurcata	(Blake 1981)
5164	Polydora bifurcata	Blake 1981
5165	Dipolydora caulleryi	(Mesnil 1897)
5166	Polydora caulleryi	Mesnil 1897
5167	Polydora brachycephala	Hartman 1936
5168	Dipolydora commensalis	(Andrews 1891)
5169	Polydora commensalis	Andrews 1891
5170	Dipolydora elegantissima	(Blake & Woodwick 1972)
5171	Polydora elegantissima	Blake & Woodwick 1972
5172	Dipolydora giardi	(Mesnil 1896)
5173	Polydora giardi	Mesnil 1896
5174 5175	Polydora anoculata Dipolydora socialis	Moore 1907 (Schmarda 1861)
5176	Leucodore socialis	Schmarda 1861
5177	Polydora caeca	of Berkeley & Berkeley 1936 not Ørsted 1843
5178	Polydora caeca var magna	E. Berkeley 1927
5179	Polydora carunculata	Radashevsky 1993
5180	Polydora magna	of Berkeley & Berkeley 1936
5181	Polydora neocardalia	Hartman 1961
5182	Polydora plena	of Foster 1971
5183	Polydora socialis	of Hartman 1941
5184	Polydora socialis plena	Berkeley & Berkeley 1936

Display unclinated   Content   Con			
	5185	Dispio uncinata	Hartman 1951
State			*
Second			
Malacoceros indicas   Cauvel 1928			
Societa   Societa   Fauva   128			
Maisocenes punctata   Hartman 1981			` '
Spin   Microspin microcera   Choosey 1977   Choos		·	
1914		•	•
Process			
Second		•	
Spicy			
Second		1 1 0	· · · · · · · · · · · · · · · · · · ·
Spic (Microspic) pignentals   Of Foater 1971		Spiophanes pigmentata	Reish 1959
Paraprionaspio alata   Moore 1923	5198	Nerinides pigmentata	of Hartman 1961
Principo altaia   Moore 1923     Paraprinorsopi prinata   Folydora direct pitalis	5199	Spio (Microspio) pigmentata	of Foster 1971
Paraprionospio plinata	5200	Paraprionospio alata	(Moore 1923)
Polydora cirrosa	5201	Prionospio alata	Moore 1923
	5202	Paraprionospio pinnata	of authors NEP not (Ehlers 1901)
	5203	Polydora bioccipitalis	Blake & Woodwick 1972
Secolar	5204		
Polydora comuta		•	•
Polydros alialam			
Polydora Gilatum		•	
Polydora Ilbrone   Polydora Il		,	
Polydora introne		· · · · · · · · · · · · · · · · · · ·	9
Polydora heterochaeta			
S212			
			•
Polydora ancidata   Finicola			1
Polydora nuchalis	5214	Polydora ciliata limicola	
Polydora pygidialis	5215	Polydora narica	
Second		Polydora nuchalis	Woodwick 1953
Polydora webster    Prionospio (Minuspio) lighti   Maciolek 1985	5217	Polydora pygidialis	Blake & Woodwick 1972
Prionospio (Minuspio) lighti   Maciolek 1985   19	5218	Polydora spongicola	Berkeley & Berkeley 1950
Second	5219	Polydora websteri	Hartman 1943
Minuspio sp A	5220	Prionospio (Minuspio) lighti	Maciolek 1985
Prionospio (Minuspio) cirrifera   of Light 1977 not Wiren 1883		· · · · · · · · · · · · · · · · · · ·	
Prionospio cirrifera			
5224         Prionospio (Minuspio) multibranchiata         E. Berkeley 1927           5225         Prionospio cirifiera         of Berkeley & Berkeley 1962 in part not Wiren 1883           5226         Prionospio (Prionospio) dubia         Day 1961           5227         Prionospio malmgreni var dubia         Day 1961           5228         Prionospio malmgreni var dubia         Day 1961           5229         Prionospio malmgreni var dubia         Day 1961           5230         Prionospio (Prionospio) senstrupi         of Soderstrom 1920 not Malmgren 1867           5231         Prionospio (Prionospio) elersti         Fauvel 1928           5233         Prionospio (Prionospio) elersi         Fauvel 1928           5233         Prionospio (Prionospio) heterobranchia         Moore 1907           5234         Prionospio (Prionospio) heterobranchia         Moore 1907           5235         Prionospio (Prionospio) jubata         Blake 1996           5236         Prionospio (Prionospio) jubata         Blake 1996           5237         Prionospio (Prionospio) pa A         of Steinhauer & Imamura 1990           5238         Prionospio ga, A         SCAMIT 1991 §           5240         Pseudopolydora paucibranchiata         (Sudmart 1921)           5242         Polydora (Carazzia) kempi			· ·
Prionospio cirrifera   Of Berkeley & Berkeley 1962 in part not Wiren 1883			
5226         Prionospio (Prionospio) dubia         Day 1961           5227         Prionospio dubia         of Wilson 1990           5228         Prionospio submiggreni var dubia         Day 1961           5229         Prionospio prionospio prionospio parionospio parionospi			•
5227         Prionospio dubia         of Wilson 1990           5228         Prionospio malimargeni var dubia         Day 1961           5229         Prionospio sp B         SCAMIT 1991 §           5230         Prionospio (Prionospio) steenstrupi         of Söderström 1920 not Malimgren 1867           5231         Prionospio (Prionospio) eltersi         Fauvel 1928           5233         Prionospio (Prionospio) lobulata         Fauvel 1928           5234         Prionospio (Prionospio) heterobranchia         Moore 1907           5235         Prionospio (Prionospio) heterobranchia         Moore 1907           5236         Prionospio (Prionospio) heterobranchia         Blake 1996           5237         Prionospio (Prionospio) pi pa         of Steinhauer & Imamura 1990           5238         Prionospio (Prionospio) sp A         of Steinhauer & Imamura 1990           5239         Prionospio ga A         SCAMIT 1991 §           5240         Pseudatherospio fauchaldi         Lovell 1994           5241         Pseudopolydora kempi         (Southern 1921)           5242         Polydora (Carazzia) kempi         Southern 1921           5243         Pseudopolydora paucibranchiata         (Okuda 1937)           5244         Pseudopolydora paucibranchiata         (Okuda 1937)		•	
5228         Prionospio malmgreni var dubia         Day 1961           5229         Prionospio sp B         SCAMIT 1991 §           5230         Prionospio steenstrupi         of Söderström 1920 not Malmgren 1867           5231         Prionospio (Prionospio) elhersi         Fauvel 1928           5232         Prionospio (Prionospio) elhersi         Fauvel 1928           5233         Prionospio (Prionospio) lobulata         Fauvelad 1972           5234         Prionospio (Prionospio) heterobranchia         Moore 1907           5235         Prionospio (Prionospio) baterobranchia         Moore 1907           5236         Prionospio (Prionospio) baterobranchia         Blake 1996           5237         Prionospio (Prionospio) sp A         of Steinhauer & Imamura 1990           5238         Prionospio (Prionospio) sp A         of Steinhauer & Imamura 1990           5239         Prionospio sp A         SCAMIT 1991 §           5240         Pseudatherospio fauchaldi         Lovell 1994           5241         Pseudopolydora kempi         (Southern 1921)           5242         Polydora (Carazzia) kempi         Southern 1921           5243         Pseudopolydora paucibranchiata         (Okuda 1937)           5244         Pseudopolydora paucibranchiata         (Okuda 1937)      <		* ' '	3
5229         Prionospio sp B         SCAMIT 1991 §           5230         Prionospio steenstrupi         of Soderstrom 1920 not Malmgren 1867           5231         Prionospio (Prionospio) steenstrupi         of Johnson 1884 not Malmgren 1867           5232         Prionospio (Prionospio) ehlersi         Fauvel 1928           5233         Prionospio (Prionospio) beterobranchia         Moore 1907           5234         Prionospio (Prionospio) heterobranchia         Moore 1907           5235         Prionospio (Prionospio) heterobranchia         Moore 1907           5236         Prionospio (Prionospio) jubata         Blake 1996           5237         Prionospio (Prionospio) sp A         of Steinhauer & Imamura 1990           5238         Prionospio malmgreni         of Hartman 1969 not Claparède 1870           5239         Prionospio fauchaldi         Lovell 1994           5240         Pseudatherospio fauchaldi         Lovell 1994           5241         Pseudopolydora kempi         (Southern 1921)           5242         Polydora (Carazzia) kempi         Southern 1921           5243         Pseudopolydora paucibranchiata         (Okuda 1937)           5244         Pseudopolydora paucibranchiata         Okuda 1937           5245         Pygospio cellifornica         Hartman 1936		·	
5230         Prionospio steenstrupi         of Söderström 1920 not Malmgren 1867           5231         Prionospio (Prionospio) elhersi         Fauvel 1928           5232         Prionospio (Prionospio) elhersi         Fauvel 1928           5233         Prionospio (Prionospio) heterobranchia         Moore 1907           5234         Prionospio (Prionospio) heterobranchia         Moore 1907           5235         Prionospio (Prionospio) jubata         Blake 1996           5237         Prionospio (Prionospio) pibata         Blake 1996           5238         Prionospio (Prionospio) sp A         of Steinhauer & Imamura 1990           5239         Prionospio malmgreni         of Hartman 1968 not Claparède 1870           5240         Pseudatherospio fauchaldi         Lovell 1994           5241         Pseudopolydora kempi         (Southern 1921)           5242         Pseudopolydora paucibranchiata         (Okuda 1937)           5244         Pseudopolydora paucibranchiata         Okuda 1937           5244         Pseudopolydora paucibranchiata         Okuda 1937           5245         Pygospio elegans         Claparède 1863           5247         Rhynchospio glutaea         Claparède 1863           5248         Rhynchospio arenincola         Hartman 1936			· ·
5231         Prionospio (Prionospio) etenstrupi         of Johnson 1984 not Malmgren 1867           5232         Prionospio (Prionospio) ehlersi         Fauvel 1928           5233         Prionospio (Prionospio) beterobranchia         Fauchald 1972           5234         Prionospio (Prionospio) heterobranchia         Moore 1907           5235         Prionospio (Prionospio) jubata         Blake 1996           5236         Prionospio (Prionospio) jubata         Blake 1996           5237         Prionospio (Prionospio) sp A         of Steinhauer & Imamura 1990           5238         Prionospio malmgreni         of Hartman 1969 not Claparède 1870           5239         Prionospio sp A         SCAMIT 1991 §           5240         Pseudatherospio fauchaldi         Lovell 1994           5241         Pseudopolydora kempi         (Southern 1921)           5242         Polydora (Carazzia) kempi         Southern 1921           5243         Pseudopolydora paucibranchiata         (Okuda 1937)           5244         Pseudopolydora paucibranchiata         Okuda 1937           5244         Polydora paucibranchiata         Okuda 1937           5245         Pygospio californica         Hartman 1936           5246         Pygospio elegans         Claparède 1863           5			-
5232         Prionospio (Prionospio) ehlersi         Fauvel 1928           5233         Prionospio (Prionospio) lobulata         Fauchald 1972           5234         Prionospio (Prionospio) heterobranchia         Moore 1907           5235         Prionospio heterobranchia newportensis         Reish 1959           5236         Prionospio (Prionospio) jubata         Blake 1996           5237         Prionospio (Prionospio) sp A         of Steinhauer & Imamura 1990           5238         Prionospio malmgreni         of Hartman 1969 not Claparède 1870           5239         Prionospio fauchaldi         Lovell 1994           5240         Pseudatherospio fauchaldi         Lovell 1994           5241         Pseudopolydora kempi         (Southern 1921)           5242         Pseudopolydora paucibranchiata         (Okuda 1937)           5244         Pseudopolydora paucibranchiata         Okuda 1937           5244         Pygospio californica         Hartman 1936           5245         Pygospio elegans         Claparède 1863           5247         Rhynchospio glutaea         Gauthors NEP not (Ehlers 1901)           5248         Rhynchospio glutaea         of authors NEP not (Ehlers 1901)           5249         Scolelepis (Parascolelepis) tridentata         Southern 1914      <		·	of Söderström 1920 not Malmgren 1867
5233         Prionospio (Prionospio) lobulata         Fauchald 1972           5234         Prionospio (Prionospio) heterobranchia         Moore 1907           5235         Prionospio (Prionospio) pubata         Reish 1959           5236         Prionospio (Prionospio) jubata         Blake 1996           5237         Prionospio (Prionospio) sp A         of Steinhauer & Imamura 1990           5238         Prionospio malmgreni         of Hartman 1969 not Claparède 1870           5239         Prionospio sp A         SCAMIT 1991 §           5240         Pseudatherospio fauchaldi         Lovell 1994           5241         Pseudoplydora kempi         (Southern 1921)           5242         Polydora (Carazzia) kempi         Southem 1921           5243         Pseudopolydora paucibranchiata         (Okuda 1937)           5244         Pseudopolydora paucibranchiata         (Okuda 1937)           5244         Pygospio californica         Hartman 1936           5246         Pygospio californica         Hartman 1936           5247         Rhynchospio arenincola         Hartman 1936           5248         Rhynchospio glutaea         of authors NEP not (Ehlers 1901)           5249         Scolelepis (Parascolelepis) tridentata         Southern 1914           5251			
5234         Prionospio (Prionospio) heterobranchia         Moore 1907           5235         Prionospio (Prionospio) jubata         Reish 1959           5236         Prionospio (Prionospio) jubata         Blake 1996           5237         Prionospio (Prionospio) sp A         of Steinhauer & Imamura 1990           5238         Prionospio malmgreni         of Hartman 1969 not Claparède 1870           5239         Prionospio pa A         SCAMIT 1991 §           5240         Pseudatherospio fauchaldi         Lovell 1994           5241         Pseudopolydora kempi         (Southern 1921)           5242         Polydora (Carazzia) kempi         Southern 1921           5243         Pseudopolydora paucibranchiata         (Okuda 1937)           5244         Pseudopolydora paucibranchiata         Okuda 1937)           5244         Pygospio californica         Hartman 1936           5246         Pygospio calegans         Claparède 1863           5247         Rhynchospio gutaea         Gauthors NEP not (Ehlers 1901)           5248         Rhynchospio glutaea         of authors NEP not (Ehlers 1901)           5249         Scolelepis (Parascolelepis) tridentata         Southern 1914           5250         Nerinides tridentata         Southern 1914           5251	5232	Prionospio (Prionospio) ehlersi	Fauvel 1928
5235         Prionospio heterobranchia newportensis         Reish 1959           5236         Prionospio (Prionospio) jubata         Blake 1996           5237         Prionospio (Prionospio) sp A         of Steinhauer & Imamura 1990           5238         Prionospio malmgreni         of Hartman 1969 not Claparède 1870           5239         Prionospio sp A         SCAMIT 1991 §           5240         Pseudatherospio fauchaldi         Lovell 1994           5241         Pseudopolydora kempi         (Southern 1921)           5242         Polydora (Carazzia) kempi         Southern 1921           5243         Pseudopolydora paucibranchiata         (Okuda 1937)           5244         Pseudopolydora paucibranchiata         Okuda 1937           5245         Pygospio californica         Hartman 1936           5246         Pygospio elegans         Claparède 1863           5247         Rhynchospio glutaea         Gauthern 1914           5248         Rhynchospio glutaea         of authors NEP not (Ehlers 1901)           5249         Scolelepis (Parascolelepis) tridentata         Southern 1914           5250         Nerinides tridentata         Southern 1914           5251         Scolelepis (Parascolelepis) sp SD1         Rowe 1995 §           5252         S	5233	Prionospio (Prionospio) lobulata	Fauchald 1972
5236Prionospio (Prionospio) jubataBlake 19965237Prionospio (Prionospio) sp Aof Steinhauer & Imamura 19905238Prionospio malmgreniof Hartman 1969 not Claparède 18705239Prionospio sp ASCAMIT 1991 §5240Pseudatherospio fauchaldiLovell 19945241Pseudopolydora kempi(Southern 1921)5242Polydora (Carazzia) kempiSouthern 19215243Pseudopolydora paucibranchiata(Okuda 1937)5244Pseudopolydora paucibranchiata(Okuda 1937)5245Pygospio californicaHartman 19365246Pygospio elegansClaparède 18635247Rhynchospio arenincolaHartman 19365248Rhynchospio arenincolaHartman 19365249Scolelepis (Parascolelepis) tridentata(Southern 1914)5250Nerinides tridentataSouthern 19145251Scolelepis (Parascolelepis) texanaFoster 19715252Scolelepis (Parascolelepis) sp SD1Rowe 1995 §5253Scolelepis (Parascolelepis) bullibranchiaRossi 19825254Scolelepis (Scolelepis) bullibranchiaRossi 19825255Scolelepis (Scolelepis) occidentalis(Hartman 1961)	5234	Prionospio (Prionospio) heterobranchia	Moore 1907
5237         Prionospio (Prionospio) sp A         of Steinhauer & Imamura 1990           5238         Prionospio malmgreni         of Hartman 1969 not Claparède 1870           5239         Prionospio sp A         SCAMIT 1991 §           5240         Pseudatherospio fauchaldi         Lovell 1994           5241         Pseudopolydora kempi         (Southern 1921)           5242         Polydora (Carazzia) kempi         Southern 1921           5243         Pseudopolydora paucibranchiata         (Okuda 1937)           5244         Pseudopolydora paucibranchiata         Okuda 1937           5245         Pygospio californica         Hartman 1936           5246         Pygospio elegans         Claparède 1863           5247         Rhynchospio arenincola         Hartman 1936           5248         Rhynchospio glutaea         of authors NEP not (Ehlers 1901)           5249         Scolelepis (Parascolelepis) tridentata         (Southern 1914)           5250         Nerinides tridentata         Southern 1914           5251         Scolelepis (Parascolelepis) texana         Foster 1971           5252         Scolelepis (Parascolelepis) sp SD1         Rowe 1995 §           5253         Scolelepis (Parascolelepis) bullibranchia         Rossi 1982           5254	5235	Prionospio heterobranchia newportensis	Reish 1959
5238         Prionospio malmgreni         of Hartman 1969 not Claparède 1870           5239         Prionospio sp A         SCAMIT 1991 §           5240         Pseudatherospio fauchaldi         Lovell 1994           5241         Pseudopolydora kempi         (Southern 1921)           5242         Polydora (Carazzia) kempi         Southem 1921           5243         Pseudopolydora paucibranchiata         (Okuda 1937)           5244         Pseudopolydora paucibranchiata         Okuda 1937           5245         Pygospio californica         Hartman 1936           5246         Pygospio elegans         Claparède 1863           5247         Rhynchospio arenincola         Hartman 1936           5248         Rhynchospio glutaea         of authors NEP not (Ehlers 1901)           5249         Scolelepis (Parascolelepis) tridentata         (Southern 1914)           5250         Nerinides tridentata         Southern 1914           5251         Scolelepis (Parascolelepis) texana         Foster 1971           5252         Scolelepis (Parascolelepis) sp D1         Rowe 1995 §           5253         Scolelepis (Scolelepis) bullibranchia         Rossi 1982           5254         Scolelepis (Scolelepis) occidentalis         (Hartman 1961)	5236	Prionospio (Prionospio) jubata	Blake 1996
5238         Prionospio malmgreni         of Hartman 1969 not Claparède 1870           5239         Prionospio sp A         SCAMIT 1991 §           5240         Pseudatherospio fauchaldi         Lovell 1994           5241         Pseudopolydora kempi         (Southern 1921)           5242         Polydora (Carazzia) kempi         Southem 1921           5243         Pseudopolydora paucibranchiata         (Okuda 1937)           5244         Polydora paucibranchiata         Okuda 1937           5245         Pygospio californica         Hartman 1936           5246         Pygospio elegans         Claparède 1863           5247         Rhynchospio arenincola         Hartman 1936           5248         Rhynchospio glutaea         of authors NEP not (Ehlers 1901)           5249         Scolelepis (Parascolelepis) tridentata         (Southern 1914)           5250         Nerinides tridentata         Southern 1914           5251         Scolelepis (Parascolelepis) texana         Foster 1971           5252         Scolelepis (Parascolelepis) sp SD1         Rowe 1995 §           5253         Scolelepis (Scolelepis) bullibranchia         Rossi 1982           5254         Scolelepis (Scolelepis) occidentalis         (Hartman 1961)	5237	Prionospio (Prionospio) sp A	of Steinhauer & Imamura 1990
5239         Prionospio sp A         SCAMIT 1991 §           5240         Pseudatherospio fauchaldi         Lovell 1994           5241         Pseudopolydora kempi         (Southern 1921)           5242         Polydora (Carazzia) kempi         Southern 1921           5243         Pseudopolydora paucibranchiata         (Okuda 1937)           5244         Polydora paucibranchiata         Okuda 1937           5245         Pygospio californica         Hartman 1936           5246         Pygospio elegans         Claparède 1863           5247         Rhynchospio arenincola         Hartman 1936           5248         Rhynchospio glutaea         of authors NEP not (Ehlers 1901)           5249         Scolelepis (Parascolelepis) tridentata         (Southern 1914)           5250         Nerinides tridentata         Southern 1914           5251         Scolelepis (Parascolelepis) texana         Foster 1971           5252         Scolelepis (Parascolelepis) sp SD1         Rowe 1995 §           5253         Scolelepis (Scolelepis) bullibranchia         Rossi 1982           5254         Scolelepis (Scolelepis) occidentalis         (Hartman 1961)	5238	Prionospio malmgreni	of Hartman 1969 not Claparède 1870
5240Pseudatherospio fauchaldiLovell 19945241Pseudopolydora kempi(Southern 1921)5242Polydora (Carazzia) kempiSouthern 19215243Pseudopolydora paucibranchiata(Okuda 1937)5244Polydora paucibranchiataOkuda 19375245Pygospio californicaHartman 19365246Pygospio elegansClaparède 18635247Rhynchospio arenincolaHartman 19365248Rhynchospio glutaeaof authors NEP not (Ehlers 1901)5249Scolelepis (Parascolelepis) tridentata(Southern 1914)5250Nerinides tridentataSouthern 19145251Scolelepis (Parascolelepis) texanaFoster 19715252Scolelepis (Parascolelepis) sp SD1Rowe 1995 §5253Scolelepis sp 1Pt Loma 1995 §5254Scolelepis (Scolelepis) bullibranchiaRossi 19825255Scolelepis (Scolelepis) occidentalis(Hartman 1961)		, ,	•
5241         Pseudopolydora kempi         (Southern 1921)           5242         Polydora (Carazzia) kempi         Southern 1921           5243         Pseudopolydora paucibranchiata         (Okuda 1937)           5244         Polydora paucibranchiata         Okuda 1937           5245         Pygospio californica         Hartman 1936           5246         Pygospio elegans         Claparède 1863           5247         Rhynchospio arenincola         Hartman 1936           5248         Rhynchospio glutaea         of authors NEP not (Ehlers 1901)           5249         Scolelepis (Parascolelepis) tridentata         (Southern 1914)           5250         Nerinides tridentata         Southern 1914           5251         Scolelepis (Parascolelepis) texana         Foster 1971           5252         Scolelepis (Parascolelepis) sp SD1         Rowe 1995 §           5253         Scolelepis (Scolelepis) bullibranchia         Rossi 1982           5254         Scolelepis (Scolelepis) occidentalis         (Hartman 1961)			
5242         Polydora (Carazzia) kempi         Southern 1921           5243         Pseudopolydora paucibranchiata         (Okuda 1937)           5244         Polydora paucibranchiata         Okuda 1937           5245         Pygospio californica         Hartman 1936           5246         Pygospio elegans         Claparède 1863           5247         Rhynchospio arenincola         Hartman 1936           5248         Rhynchospio glutaea         of authors NEP not (Ehlers 1901)           5249         Scolelepis (Parascolelepis) tridentata         (Southern 1914)           5250         Nerinides tridentata         Southern 1914           5251         Scolelepis (Parascolelepis) texana         Foster 1971           5252         Scolelepis (Parascolelepis) sp SD1         Rowe 1995 §           5253         Scolelepis (Scolelepis) bullibranchia         Rossi 1982           5254         Scolelepis (Scolelepis) occidentalis         (Hartman 1961)			
Pseudopolydora paucibranchiata (Okuda 1937)  5244 Polydora paucibranchiata Okuda 1937  5245 Pygospio californica Hartman 1936  5246 Pygospio elegans Claparède 1863  5247 Rhynchospio arenincola Hartman 1936  5248 Rhynchospio glutaea of authors NEP not (Ehlers 1901)  5249 Scolelepis (Parascolelepis) tridentata (Southern 1914)  5250 Nerinides tridentata Southern 1914  5251 Scolelepis (Parascolelepis) texana Foster 1971  5252 Scolelepis (Parascolelepis) sp SD1 Rowe 1995 §  5253 Scolelepis (Scolelepis) bullibranchia Rossi 1982  5255 Scolelepis (Scolelepis) occidentalis (Hartman 1961)			,
5244         Polydora paucibranchiata         Okuda 1937           5245         Pygospio californica         Hartman 1936           5246         Pygospio elegans         Claparède 1863           5247         Rhynchospio arenincola         Hartman 1936           5248         Rhynchospio glutaea         of authors NEP not (Ehlers 1901)           5249         Scolelepis (Parascolelepis) tridentata         (Southern 1914)           5250         Nerinides tridentata         Southern 1914           5251         Scolelepis (Parascolelepis) texana         Foster 1971           5252         Scolelepis (Parascolelepis) sp SD1         Rowe 1995 §           5253         Scolelepis (Scolelepis) bullibranchia         Rossi 1982           5254         Scolelepis (Scolelepis) occidentalis         (Hartman 1961)			
5245         Pygospio californica         Hartman 1936           5246         Pygospio elegans         Claparède 1863           5247         Rhynchospio arenincola         Hartman 1936           5248         Rhynchospio glutaea         of authors NEP not (Ehlers 1901)           5249         Scolelepis (Parascolelepis) tridentata         (Southern 1914)           5250         Nerinides tridentata         Southern 1914           5251         Scolelepis (Parascolelepis) texana         Foster 1971           5252         Scolelepis (Parascolelepis) sp SD1         Rowe 1995 §           5253         Scolelepis (Parascolelepis) bullibranchia         Rossi 1982           5254         Scolelepis (Scolelepis) occidentalis         (Hartman 1961)			` '
5246         Pygospio elegans         Claparède 1863           5247         Rhynchospio arenincola         Hartman 1936           5248         Rhynchospio glutaea         of authors NEP not (Ehlers 1901)           5249         Scolelepis (Parascolelepis) tridentata         (Southern 1914)           5250         Nerinides tridentata         Southern 1914           5251         Scolelepis (Parascolelepis) texana         Foster 1971           5252         Scolelepis (Parascolelepis) sp SD1         Rowe 1995 §           5253         Scolelepis (Parascolelepis) bullibranchia         Rossi 1982           5254         Scolelepis (Scolelepis) occidentalis         (Hartman 1961)			
5247Rhynchospio arenincolaHartman 19365248Rhynchospio glutaeaof authors NEP not (Ehlers 1901)5249Scolelepis (Parascolelepis) tridentata(Southern 1914)5250Nerinides tridentataSouthern 19145251Scolelepis (Parascolelepis) texanaFoster 19715252Scolelepis (Parascolelepis) sp SD1Rowe 1995 §5253Scolelepis sp 1Pt Loma 1995 §5254Scolelepis (Scolelepis) bullibranchiaRossi 19825255Scolelepis (Scolelepis) occidentalis(Hartman 1961)			
S248 Rhynchospio glutaea of authors NEP not (Ehlers 1901) S249 Scolelepis (Parascolelepis) tridentata (Southern 1914) S250 Nerinides tridentata Southern 1914 S251 Scolelepis (Parascolelepis) texana Foster 1971 S252 Scolelepis (Parascolelepis) sp SD1 Rowe 1995 § S253 Scolelepis (Parascolelepis) by Pt Loma 1995 § S254 Scolelepis (Scolelepis) bullibranchia Rossi 1982 S255 Scolelepis (Scolelepis) occidentalis (Hartman 1961)			1
5249Scolelepis (Parascolelepis) tridentata(Southern 1914)5250Nerinides tridentataSouthern 19145251Scolelepis (Parascolelepis) texanaFoster 19715252Scolelepis (Parascolelepis) sp SD1Rowe 1995 §5253Scolelepis sp 1Pt Loma 1995 §5254Scolelepis (Scolelepis) bullibranchiaRossi 19825255Scolelepis (Scolelepis) occidentalis(Hartman 1961)		•	
5250Nerinides tridentataSouthern 19145251Scolelepis (Parascolelepis) texanaFoster 19715252Scolelepis (Parascolelepis) sp SD1Rowe 1995 §5253Scolelepis sp 1Pt Loma 1995 §5254Scolelepis (Scolelepis) bullibranchiaRossi 19825255Scolelepis (Scolelepis) occidentalis(Hartman 1961)			
5251Scolelepis (Parascolelepis) texanaFoster 19715252Scolelepis (Parascolelepis) sp SD1Rowe 1995 §5253Scolelepis sp 1Pt Loma 1995 §5254Scolelepis (Scolelepis) bullibranchiaRossi 19825255Scolelepis (Scolelepis) occidentalis(Hartman 1961)			(Southern 1914)
5252Scolelepis (Parascolelepis) sp SD1Rowe 1995 §5253Scolelepis sp 1Pt Loma 1995 §5254Scolelepis (Scolelepis) bullibranchiaRossi 19825255Scolelepis (Scolelepis) occidentalis(Hartman 1961)	5250		Southern 1914
5252Scolelepis (Parascolelepis) sp SD1Rowe 1995 §5253Scolelepis sp 1Pt Loma 1995 §5254Scolelepis (Scolelepis) bullibranchiaRossi 19825255Scolelepis (Scolelepis) occidentalis(Hartman 1961)	5251	Scolelepis (Parascolelepis) texana	Foster 1971
5253Scolelepis sp 1Pt Loma 1995 §5254Scolelepis (Scolelepis) bullibranchiaRossi 19825255Scolelepis (Scolelepis) occidentalis(Hartman 1961)			
5254 Scolelepis (Scolelepis) bullibranchia Rossi 1982 5255 Scolelepis (Scolelepis) occidentalis (Hartman 1961)		1 / 1	· ·
5255 Scolelepis (Scolelepis) occidentalis (Hartman 1961)			-
Tallilla i i i i i i i i i i i i i i i i		* · · · · · · · · · · · · · · · · · · ·	
	3230	Norma folioca occidentalis	

5257		
3231	Scolelepis (Scolelepis) squamata	(O. F. Müller 1806)
5258	Lumbricus squamatus	O. F. Müller 1806
5259	Lumbricus cirratulus	delle Chiaje 1828
5260	Nerinides acuta	of Hartman 1969
5261	Spio acuta	Treadwell 1914
5262	Spio butleri	Berkeley & Berkeley 1954
5263	Spio filicornis	(O. F. Müller 1766)
5264	Nereis filicornis	O. F. Müller 1766
5265	Spio maciolekae	Blake 1996
5266	Spio sp A	Lovell 1986 §
5267	Spio maculata	(Hartman 1961)
5268	Nerinides maculata	Hartman 1961
5269	Spiophanes berkeleyorum	Pettibone 1962
5270	Spiophanes cirrata	of E. Berkeley 1927 not M. Sars 1872
5271	Spiophanes japonicum	Imajima 1991
5272	Spiophanes duplex	(Chamberlin 1919)
5273 5274	Morants duplex	Chamberlin 1919
5274	Spiophanes missionensis	Hartman 1941 Moore 1923
5276	Spiophanes fimbriata	
5276	Spiophanes kroeyeri	of authors NEP not Grube 1860 Meißner 2005
5278	Spiophanes kimballi	
5279	Spiophanes berkeleyorum	of authors NEP in part not Pettibone 1962
5280	Spiophanes fimbriata Spiophnes kroeyeri	of authors NEP in part not Moore 1923 of authors NEP in part not Grube 1860
5281	Spiophanes norrisi	Meißner & Blank 2009
5282	Spio bombyx	of authors NEP not Claparède 1870
5283	Spiophanes wigleyi	Pettibone 1962
5284	Spiophanes of wigleyi	SCAMIT 1984
5285	Streblospio benedicti	Webster 1879
5286	Family Trochochaetidae	Webster 1079
5287	Trochochaeta franciscanum	(Hartman 1947)
5288	Disoma franciscanum	Hartman 1947
5289	Trochochaeta multisetosa	of authors NEP not (Ørsted 1844)
5290	Family Polygordiidae	
5291	Polygordius sp SD1	Rowe 2005 §
5292	Suborder Protodrillida	O Company
5293	Family Protodrillidae	
5294	Protodrilus sp	
5295	Family Saccocirridae	
5296	Saccocirrus eroticus	Gray 1969
5297	Class Hirudinea	
5298	Order Pharyngobdellida	
5299	Family Erpobdellidae	
5300		
	unidentified	
5301	unidentified Order Rhynchobdellida	
5302	Order Rhynchobdellida Family Glossiphoniidae	
5302 5303	Order Rhynchobdellida  Family Glossiphoniidae  unidentified	
5302 5303 5304	Order Rhynchobdellida Family Glossiphoniidae unidentified Class Oligochaeta	
5302 5303 5304 5305	Order Rhynchobdellida Family Glossiphoniidae unidentified Class Oligochaeta Family Enchytraeidae	F: 1001
5302 5303 5304 5305 5306	Order Rhynchobdellida Family Glossiphoniidae unidentified Class Oligochaeta Family Enchytraeidae Enchytraeus kincaidi	Eisen 1904
5302 5303 5304 5305 5306 5307	Order Rhynchobdellida Family Glossiphoniidae unidentified Class Oligochaeta Family Enchytraeidae Enchytraeus kincaidi Enchytraeus multiannulatus	Altman 1936
5302 5303 5304 5305 5306 5307 5308	Order Rhynchobdellida Family Glossiphoniidae unidentified Class Oligochaeta Family Enchytraeidae Enchytraeus kincaidi Enchytraeus multiannulatus Grania incerta	Altman 1936 Coates & Erséus 1980
5302 5303 5304 5305 5306 5307 5308 5309	Order Rhynchobdellida Family Glossiphoniidae unidentified  Class Oligochaeta Family Enchytraeidae Enchytraeus kincaidi Enchytraeus multiannulatus Grania incerta Lumbricillus lineatus	Altman 1936 Coates & Erséus 1980 (O. F. Müller 1774)
5302 5303 5304 5305 5306 5307 5308 5309 5310	Order Rhynchobdellida Family Glossiphoniidae unidentified Class Oligochaeta Family Enchytraeidae Enchytraeus kincaidi Enchytraeus multiannulatus Grania incerta Lumbricillus lineatus Lumbricus lineatus	Altman 1936 Coates & Erséus 1980 (O. F. Müller 1774) O. F. Müller 1774
5302 5303 5304 5305 5306 5307 5308 5309 5310 5311	Order Rhynchobdellida Family Glossiphoniidae unidentified Class Oligochaeta Family Enchytraeidae Enchytraeus kincaidi Enchytraeus multiannulatus Grania incerta Lumbricillus lineatus Lumbricus lineatus Lumbricus lineatus	Altman 1936 Coates & Erséus 1980 (O. F. Müller 1774)
5302 5303 5304 5305 5306 5307 5308 5309 5310 5311 5312	Order Rhynchobdellida Family Glossiphoniidae unidentified  Class Oligochaeta  Family Enchytraeidae Enchytraeus kincaidi Enchytraeus multiannulatus Grania incerta Lumbricillus lineatus Lumbricus lineatus Lumbricus lineatus Family Naididae	Altman 1936 Coates & Erséus 1980 (O. F. Müller 1774) O. F. Müller 1774 O. F. Müller 1774
5302 5303 5304 5305 5306 5307 5308 5309 5310 5311 5312 5313	Order Rhynchobdellida Family Glossiphoniidae unidentified  Class Oligochaeta  Family Enchytraeidae  Enchytraeus kincaidi Enchytraeus multiannulatus Grania incerta Lumbricullus lineatus Lumbricus lineatus Lumbricus lineatus Family Naididae Bathydrilus litoreus	Altman 1936 Coates & Erséus 1980 (O. F. Müller 1774) O. F. Müller 1774 O. F. Müller 1774
5302 5303 5304 5305 5306 5307 5308 5309 5310 5311 5312 5313 5314	Order Rhynchobdellida Family Glossiphoniidae unidentified  Class Oligochaeta  Family Enchytraeidae Enchytraeus kincaidi Enchytraeus multiannulatus Grania incerta Lumbricullus lineatus Lumbricus lineatus Family Naididae Bathydrilus litoreus Bathydrilus parkeri	Altman 1936 Coates & Erséus 1980 (O. F. Müller 1774) O. F. Müller 1774 O. F. Müller 1774 Baker 1983 Erséus 1991
5302 5303 5304 5305 5306 5307 5308 5309 5310 5311 5312 5313 5314 5315	Order Rhynchobdellida Family Glossiphoniidae unidentified  Class Oligochaeta  Family Enchytraeidae Enchytraeus kincaidi Enchytraeus multiannulatus Grania incerta Lumbricullus lineatus Lumbricus lineatus Family Naididae Bathydrilus litoreus Bathydrilus parkeri Limnodriloides barnardi	Altman 1936 Coates & Erséus 1980 (O. F. Müller 1774) O. F. Müller 1774 O. F. Müller 1774  Baker 1983 Erséus 1991 Cook 1974
5302 5303 5304 5305 5306 5307 5308 5309 5310 5311 5312 5313 5314 5315 5316	Order Rhynchobdellida Family Glossiphoniidae unidentified Class Oligochaeta  Family Enchytraeidae Enchytraeus kincaidi Enchytraeus multiannulatus Grania incerta Lumbricillus lineatus Lumbricus lineatus Lumbricus lineatus Family Naididae Bathydrilus parkeri Limnodriloides barnardi Limnodriloides winckelmanni	Altman 1936 Coates & Erséus 1980 (O. F. Müller 1774) O. F. Müller 1774 O. F. Müller 1774  Baker 1983 Erséus 1991 Cook 1974 of Jamieson 1977 in part not Michaelsen 1914
5302 5303 5304 5305 5306 5307 5308 5309 5310 5311 5312 5313 5314 5315 5316 5317	Order Rhynchobdellida Family Glossiphoniidae unidentified  Class Oligochaeta  Family Enchytraeidae Enchytraeus kincaidi Enchytraeus multiannulatus Grania incerta Lumbricullus lineatus Lumbricus lineatus Family Naididae Bathydrilus litoreus Bathydrilus parkeri Limnodriloides barnardi	Altman 1936 Coates & Erséus 1980 (O. F. Müller 1774) O. F. Müller 1774 O. F. Müller 1774  Baker 1983 Erséus 1991 Cook 1974 of Jamieson 1977 in part not Michaelsen 1914 Cook 1974
5302 5303 5304 5305 5306 5307 5308 5310 5311 5312 5313 5314 5315 5316 5317 5318	Order Rhynchobdellida Family Glossiphoniidae unidentified Class Oligochaeta  Family Enchytraeidae Enchytraeus kincaidi Enchytraeus multiannulatus Grania incerta Lumbricillus lineatus Lumbricus lineatus Lumbricus lineatus Family Naididae Bathydrilus litoreus Bathydrilus parkeri Limnodriloides barnardi Limnodriloides monothecus	Altman 1936 Coates & Erséus 1980 (O. F. Müller 1774) O. F. Müller 1774 O. F. Müller 1774  Baker 1983 Erséus 1991 Cook 1974 of Jamieson 1977 in part not Michaelsen 1914 Cook 1974 Erséus 1991
5302 5303 5304 5305 5306 5307 5308 5310 5311 5312 5313 5314 5315 5316 5317 5318	Order Rhynchobdellida Family Glossiphoniidae unidentified  Class Oligochaeta  Family Enchytraeidae Enchytraeus kincaidi Enchytraeus multiannulatus Grania incerta Lumbricillus lineatus Lumbricus lineatus Lumbricus lineatus Family Naididae Bathydrilus litoreus Bathydrilus parkeri Limnodriloides winckelmanni Limnodriloides monothecus Olavius tannerensis Tectidrilus diversus	Altman 1936 Coates & Erséus 1980 (O. F. Müller 1774) O. F. Müller 1774 O. F. Müller 1774  Baker 1983 Erséus 1991 Cook 1974 of Jamieson 1977 in part not Michaelsen 1914 Cook 1974 Erséus 1991 Cook 1974 Cook 1974
5302 5303 5304 5305 5306 5307 5308 5310 5311 5312 5313 5314 5315 5316 5317 5318 5319 5320	Order Rhynchobdellida Family Glossiphoniidae unidentified  Class Oligochaeta  Family Enchytraeidae  Enchytraeus kincaidi Enchytraeus multiannulatus Grania incerta Lumbricillus lineatus Lumbricus lineatus Lumbricus lineatus Family Naididae  Bathydrilus litoreus Bathydrilus parkeri Limnodriloides barnardi Limnodriloides monothecus Olavius tannerensis Tectidrilus probus	Altman 1936 Coates & Erséus 1980 (O. F. Müller 1774) O. F. Müller 1774 O. F. Müller 1774  Baker 1983 Erséus 1991 Cook 1974 of Jamieson 1977 in part not Michaelsen 1914 Cook 1974 Erséus 1991 Cook 1974 Erséus 1991
5302 5303 5304 5305 5306 5307 5308 5310 5311 5312 5313 5314 5315 5316 5317 5318	Order Rhynchobdellida Family Glossiphoniidae unidentified  Class Oligochaeta  Family Enchytraeidae  Enchytraeus kincaidi Enchytraeus multiannulatus Grania incerta Lumbricullus lineatus Lumbricus lineatus Lumbricus lineatus Family Naididae  Bathydrilus litoreus Bathydrilus parkeri Limnodriloides barnardi Limnodriloides monothecus Olavius tannerensis Tectidrilus diversus Tectidrilus probus Tectidrilus profusus	Altman 1936 Coates & Erséus 1980 (O. F. Müller 1774) O. F. Müller 1774 O. F. Müller 1774  Baker 1983 Erséus 1991 Cook 1974 of Jamieson 1977 in part not Michaelsen 1914 Cook 1974 Erséus 1991 Cook 1974 Cook 1974
5302 5303 5304 5305 5306 5307 5308 5309 5310 5311 5312 5313 5314 5315 5316 5317 5318 5319 5320 5321	Order Rhynchobdellida Family Glossiphoniidae unidentified  Class Oligochaeta  Family Enchytraeidae  Enchytraeus kincaidi Enchytraeus multiannulatus Grania incerta Lumbricillus lineatus Lumbricus lineatus  Lumbricus lineatus  Family Naididae  Bathydrilus litoreus Bathydrilus parkeri Limnodriloides barnardi Limnodriloides monothecus Olavius tannerensis Tectidrilus probus Tectirdrilus profusus Tectidrilus profusus Tubificoides bakeri	Altman 1936 Coates & Erséus 1980 (O. F. Müller 1774) O. F. Müller 1774 O. F. Müller 1774  Baker 1983 Erséus 1991 Cook 1974 of Jamieson 1977 in part not Michaelsen 1914 Cook 1974 Erséus 1991 Cook 1974 Erséus 1991 Erséus 1991 Erséus 1991
5302 5303 5304 5305 5306 5307 5308 5310 5311 5312 5313 5314 5315 5316 5317 5318 5319 5322 5323	Order Rhynchobdellida Family Glossiphoniidae unidentified  Class Oligochaeta  Family Enchytraeidae  Enchytraeus kincaidi Enchytraeus multiannulatus Grania incerta Lumbricullus lineatus Lumbricus lineatus Lumbricus lineatus Family Naididae  Bathydrilus litoreus Bathydrilus parkeri Limnodriloides barnardi Limnodriloides monothecus Olavius tannerensis Tectidrilus diversus Tectidrilus probus Tectidrilus profusus	Altman 1936 Coates & Erséus 1980 (O. F. Müller 1774) O. F. Müller 1774 O. F. Müller 1774  Baker 1983 Erséus 1991 Cook 1974 of Jamieson 1977 in part not Michaelsen 1914 Cook 1974 Erséus 1991 Cook 1974 Erséus 1991 Erséus 1991 Erséus 1991 Brinkhurst 1985
5302 5303 5304 5305 5306 5307 5308 5310 5311 5312 5313 5314 5315 5316 5317 5318 5319 5322 5323	Order Rhynchobdellida Family Glossiphoniidae unidentified Class Oligochaeta  Family Enchytraeidae Enchytraeus kincaidi Enchytraeus multiannulatus Grania incerta Lumbricullus lineatus Lumbricus lineatus Lumbricus lineatus Family Naididae Bathydrilus litoreus Bathydrilus parkeri Limnodriloides barnardi Limnodriloides monothecus Olavius tannerensis Tectidrilus profusus Tectridrilus profusus Tectidrilus profusus Tubificoides bakeri Tubificoides parapectinatus	Altman 1936 Coates & Erséus 1980 (O. F. Müller 1774) O. F. Müller 1774 O. F. Müller 1774  Baker 1983 Erséus 1991 Cook 1974 of Jamieson 1977 in part not Michaelsen 1914 Cook 1974 Erséus 1991 Cook 1974 Erséus 1991 Erséus 1991 Erséus 1991 Brinkhurst 1985
5302 5303 5304 5305 5306 5307 5310 5311 5312 5313 5314 5315 5316 5317 5318 5319 5320 5321 5322 5323	Order Rhynchobdellida Family Glossiphoniidae unidentified Class Oligochaeta  Family Enchytraeidae  Enchytraeus kincaidi Enchytraeus multiannulatus Grania incerta Lumbricillus lineatus Lumbricus lineatus Lumbricus lineatus Family Naididae  Bathydrilus litoreus Bathydrilus parkeri Limnodriloides barnardi Limnodriloides monothecus Olavius tannerensis Tectidrilus probus Tectidrilus profusus Tubificoides bakeri Tubificoides parapectinatus	Altman 1936 Coates & Erséus 1980 (O. F. Müller 1774) O. F. Müller 1774 O. F. Müller 1774  Baker 1983 Erséus 1991 Cook 1974 of Jamieson 1977 in part not Michaelsen 1914 Cook 1974 Erséus 1991 Cook 1974 Erséus 1991 Erséus 1991 Erséus 1991 Brinkhurst 1985
5302 5303 5304 5305 5306 5307 5310 5311 5312 5313 5314 5316 5317 5318 5319 5320 5321 5322 5323 5324 5325	Order Rhynchobdellida Family Glossiphoniidae unidentified Class Oligochaeta  Family Enchytraeidae Enchytraeus kincaidi Enchytraeus multiannulatus Grania incerta Lumbricillus lineatus Lumbricus lineatus Lumbricus lineatus Family Naididae Bathydrilus litoreus Bathydrilus parkeri Limnodriloides barnardi Limnodriloides monothecus Olavius tannerensis Tectidrilus profusus Tectidrilus profusus Tubificoides parapectinatus  PHYLUM ARTHROPODA Subphylum Cheliceriformia	Altman 1936 Coates & Erséus 1980 (O. F. Müller 1774) O. F. Müller 1774 O. F. Müller 1774  Baker 1983 Erséus 1991 Cook 1974 of Jamieson 1977 in part not Michaelsen 1914 Cook 1974 Erséus 1991 Cook 1974 Erséus 1991 Erséus 1991 Erséus 1991 Brinkhurst 1985
5302 5303 5304 5305 5306 5307 5308 5311 5312 5313 5314 5315 5316 5317 5318 5319 5320 5321 5322 5323 5324 5325 5326	Order Rhynchobdellida Family Glossiphoniidae unidentified Class Oligochaeta  Family Enchytraeidae Enchytraeus kincaidi Enchytraeus multiannulatus Grania incerta Lumbricillus lineatus Lumbricus lineatus Lumbricus lineatus Family Naididae Bathydrilus litoreus Bathydrilus parkeri Limnodriloides barnardi Limnodriloides monothecus Olavius tannerensis Tectidrilus probus Tubificoides bakeri Tubificoides parapectinatus PHYLUM ARTHROPODA Subphylum Cheliceriformia Class Pycnogonida	Altman 1936 Coates & Erséus 1980 (O. F. Müller 1774) O. F. Müller 1774 O. F. Müller 1774  Baker 1983 Erséus 1991 Cook 1974 of Jamieson 1977 in part not Michaelsen 1914 Cook 1974 Erséus 1991 Cook 1974 Erséus 1991 Erséus 1991 Erséus 1991 Brinkhurst 1985

5329	Superfamily Ascorhynchoidea	
5330	Family Eurycydidae	
5331	Eurycyde spinosa	Hilton 1916
5332	Family Ammotheidae	(III) 1020)
5333 5334	Achelia chelata	(Hilton 1939)
5335	Ammothea chelata Achelia simplissima	Hilton 1939 (Hilton 1939)
5336	Ammothea simplissima	Hilton 1939
5337	Ammothea hilgendorfi	(Böhm 1879)
5338	Lecythorhynchus hilgendorfi	Böhm 1879
5339	Lecythorhynchus marginatus	Cole 1904
5340	Ammothella menziesi	Hedgpeth 1951
5341 5342	<i>Ammothella setosa</i> Ammothella killix	Hilton 1942
5343	Ammothella spinifera	Dojiri, Cadien, & Phillips 1991 Cole 1904
5344	Ammothella tuberculata	Cole 1904
5345	Nymphopsis spinosissima	(Hall 1912)
5346	Ammothea spinosissima	Hall 1912
5347	Prototrygaeus jordanae	Child 1990
5348	Ammotheidae genus A sp A	MBC 1982 §
5349 5350	Tanystylum californicum Tanystylum intermedium	Hilton 1939 of Hedgpeth 1940 not Cole 1904
5350	Tanystylum duospinum	Hilton 1939
5352	Tanystylum intermedium	Cole 1904
5353	Tanystylum nudum	Hilton 1942
5354	Tanystylum occidentalis	(Cole 1904)
5355	Clotenia occidentalis	Cole 1904
5356	Superfamily Nymphonoidea	
5357	Family Callipallenidae	(11:14 1020)
5358 5359	Anoropallene palpida Oropallene palpida	(Hilton 1939) Hilton 1939
5360	Anoropallene crenispina	Stock 1956
5361	Oropallene heterodenta	Hilton 1942
5362	Callipallene californiensis	(Hall 1913)
5363	Pallene californiensis	Hall 1913
5364	Callipallene pacifica	(Hedgpeth 1939)
5365	Pallene pacifica	Hedgpeth 1939
5366 5367	Family Nymphonidae Nymphon heterodenticulatum	Hedgpeth 1941
5368	Nymphon pixellae	Scott 1913
5369	Nymphon solitarium	Exline 1936
5370	Nymphon variatum	Hilton 1942
5371	Superfamily Phoxichilidioidea	
5372	Family Phoxichilidiidae	XX II 1010
5373	Anoplodactylus californicus	Hall 1912
5374 5375	Anoplodactylus californiensis Anoplodactylus carvalhoi	of Hedgpeth 1941 Er. Marcus 1940
5376	Anopiodactylus carvainoi Anopiodactylus portus	Calman 1927
5377	Anoplodactylus projectus	Hilton 1942
5378	Anoplodactylus robustus	of Hilton 1939 not Dohrn 1881
5379	Anoplodactylus compactus	
		(Hilton 1939)
5380	Phoxichilidium compactum	Hilton 1939
5380 5381	Phoxichilidium compactum Halosoma compactum	Hilton 1939 of Marcus 1940
5380 5381 5382	Phoxichilidium compactum Halosoma compactum Phoxichilidium hokkaidoense	Hilton 1939 of Marcus 1940 Utinomi 1954
5380 5381 5382 5383	Phoxichilidium compactum Halosoma compactum Phoxichilidium hokkaidoense Anoplodactylus erectus	Hilton 1939 of Marcus 1940 Utinomi 1954 Cole 1904
5380 5381 5382	Phoxichilidium compactum Halosoma compactum Phoxichilidium hokkaidoense Anoplodactylus erectus Anoplodactylus nodosus Anoplodactylus oculospinus	Hilton 1939 of Marcus 1940 Utinomi 1954
5380 5381 5382 5383 5384	Phoxichilidium compactum Halosoma compactum Phoxichilidium hokkaidoense Anoplodactylus erectus Anoplodactylus nodosus Anoplodactylus oculospinus Anoplodactylus pacificus	Hilton 1939 of Marcus 1940 Utinomi 1954 Cole 1904 Hilton 1939
5380 5381 5382 5383 5384 5385 5386 5387	Phoxichilidium compactum Halosoma compactum Phoxichilidium hokkaidoense Anoplodactylus erectus Anoplodactylus nodosus Anoplodactylus oculospinus Anoplodactylus pacificus Anoplodactylus viridintestinalis	Hilton 1939 of Marcus 1940 Utinomi 1954 Cole 1904 Hilton 1939 Hilton 1942 Hilton 1942 Cole 1904
5380 5381 5382 5383 5384 5385 5386 5387 5388	Phoxichilidium compactum Halosoma compactum Phoxichilidium hokkaidoense Anoplodactylus erectus Anoplodactylus nodosus Anoplodactylus oculospinus Anoplodactylus pacificus Anoplodactylus viridintestinalis Phoxichilidium femoratum	Hilton 1939 of Marcus 1940 Utinomi 1954 Cole 1904 Hilton 1939 Hilton 1942 Hilton 1942 Cole 1904 (Rathke 1790)
5380 5381 5382 5383 5384 5385 5386 5387 5388 5389	Phoxichilidium compactum Halosoma compactum Phoxichilidium hokkaidoense Anoplodactylus erectus Anoplodactylus nodosus Anoplodactylus oculospinus Anoplodactylus pacificus Anoplodactylus viridintestinalis Phoxichilidium femoratum Nymphon femoratum	Hilton 1939 of Marcus 1940 Utinomi 1954 Cole 1904 Hilton 1939 Hilton 1942 Hilton 1942 Cole 1904 (Rathke 1790) Rathke 1790
5380 5381 5382 5383 5384 5385 5386 5387 5388 5389 5390	Phoxichilidium compactum Halosoma compactum Phoxichilidium hokkaidoense Anoplodactylus erectus Anoplodactylus nodosus Anoplodactylus oculospinus Anoplodactylus pacificus Anoplodactylus viridintestinalis Phoxichilidium femoratum Nymphon femoratum Phoxichilidium parvum	Hilton 1939 of Marcus 1940 Utinomi 1954 Cole 1904 Hilton 1939 Hilton 1942 Hilton 1942 Cole 1904 (Rathke 1790) Rathke 1790 Hilton 1939
5380 5381 5382 5383 5384 5385 5386 5387 5388 5389 5390 5391	Phoxichilidium compactum Halosoma compactum Phoxichilidium hokkaidoense Anoplodactylus erectus Anoplodactylus nodosus Anoplodactylus oculospinus Anoplodactylus pacificus Anoplodactylus viridintestinalis Phoxichilidium femoratum Nymphon femoratum Phoxichilidium parvum Phoxichilidium quadradentatum	Hilton 1939 of Marcus 1940 Utinomi 1954 Cole 1904 Hilton 1939 Hilton 1942 Hilton 1942 Cole 1904 (Rathke 1790) Rathke 1790
5380 5381 5382 5383 5384 5385 5386 5387 5388 5389 5390	Phoxichilidium compactum Halosoma compactum Phoxichilidium hokkaidoense Anoplodactylus erectus Anoplodactylus nodosus Anoplodactylus oculospinus Anoplodactylus pacificus Anoplodactylus viridintestinalis Phoxichilidium femoratum Nymphon femoratum Phoxichilidium parvum	Hilton 1939 of Marcus 1940 Utinomi 1954 Cole 1904 Hilton 1939 Hilton 1942 Hilton 1942 Cole 1904 (Rathke 1790) Rathke 1790 Hilton 1939
5380 5381 5382 5383 5384 5385 5386 5387 5388 5389 5390 5391 5392	Phoxichilidium compactum Halosoma compactum Phoxichilidium hokkaidoense Anoplodactylus erectus Anoplodactylus nodosus Anoplodactylus oculospinus Anoplodactylus pacificus Anoplodactylus viridintestinalis Phoxichilidium femoratum Nymphon femoratum Phoxichilidium parvum Phoxichilidium quadradentatum Superfamily Pycnogonoidea	Hilton 1939 of Marcus 1940 Utinomi 1954 Cole 1904 Hilton 1939 Hilton 1942 Hilton 1942 Cole 1904 (Rathke 1790) Rathke 1790 Hilton 1939
5380 5381 5382 5383 5384 5385 5386 5387 5388 5389 5390 5391 5392 5393 5394 5395	Phoxichilidium compactum Halosoma compactum Phoxichilidium hokkaidoense Anoplodactylus erectus Anoplodactylus nodosus Anoplodactylus oculospinus Anoplodactylus pacificus Anoplodactylus viridintestinalis Phoxichilidium femoratum Nymphon femoratum Phoxichilidium parvum Phoxichilidium quadradentatum Superfamily Pycnogonoidea Family Pycnogonidae Pycnogonum rickettsi Pycnogonum stearnsi	Hilton 1939 of Marcus 1940 Utinomi 1954 Cole 1904 Hilton 1939 Hilton 1942 Hilton 1942 Cole 1904 (Rathke 1790) Rathke 1790 Hilton 1939 Hilton 1939 Hilton 1942
5380 5381 5382 5383 5384 5385 5386 5387 5388 5389 5390 5391 5392 5393 5394 5395 5396	Phoxichilidium compactum Halosoma compactum Phoxichilidium hokkaidoense Anoplodactylus erectus Anoplodactylus erectus Anoplodactylus oculospinus Anoplodactylus pacificus Anoplodactylus viridintestinalis Phoxichilidium femoratum Nymphon femoratum Phoxichilidium parvum Phoxichilidium quadradentatum Superfamily Pycnogonoidae Family Pycnogonidae Pycnogonum rickettsi Pycnogonum stearnsi Superfamily Rhynchothoracoidea	Hilton 1939 of Marcus 1940 Utinomi 1954 Cole 1904 Hilton 1939 Hilton 1942 Hilton 1942 Cole 1904 (Rathke 1790) Rathke 1790 Hilton 1939 Hilton 1942 Schmitt 1934
5380 5381 5382 5383 5384 5385 5386 5387 5388 5389 5390 5391 5392 5393 5394 5395 5396 5397	Phoxichilidium compactum Halosoma compactum Phoxichilidium hokkaidoense Anoplodactylus erectus Anoplodactylus erectus Anoplodactylus oculospinus Anoplodactylus pacificus Anoplodactylus viridintestinalis Phoxichilidium femoratum Nymphon femoratum Phoxichilidium parvum Phoxichilidium quadradentatum Superfamily Pycnogonidea Family Pycnogonidae Pycnogonum rickettsi Pycnogonum stearnsi Superfamily Rhynchothoracoidea Family Rhynchothoracoidea	Hilton 1939 of Marcus 1940 Utinomi 1954 Cole 1904 Hilton 1939 Hilton 1942 Hilton 1942 Cole 1904 (Rathke 1790) Rathke 1790 Hilton 1939 Hilton 1942  Schmitt 1934 Ives 1892
5380 5381 5382 5383 5384 5385 5386 5387 5388 5399 5390 5391 5392 5393 5394 5395 5396 5397 5398	Phoxichilidium compactum Halosoma compactum Phoxichilidium hokkaidoense Anoplodactylus erectus Anoplodactylus nodosus Anoplodactylus oculospinus Anoplodactylus pacificus Anoplodactylus viridintestinalis Phoxichilidium femoratum Nymphon femoratum Phoxichilidium parvum Phoxichilidium quadradentatum Superfamily Pycnogonoidea Family Pycnogonidae Pycnogonum rickettsi Pycnogonum stearnsi Superfamily Rhynchothoracoidea Family Rhynchothoracoidea Rhynchothorax philopsammum	Hilton 1939 of Marcus 1940 Utinomi 1954 Cole 1904 Hilton 1939 Hilton 1942 Hilton 1942 Cole 1904 (Rathke 1790) Rathke 1790 Hilton 1939 Hilton 1942  Schmitt 1934 Ives 1892  Hedgpeth 1951
5380 5381 5382 5383 5384 5385 5386 5387 5388 5389 5390 5391 5392 5393 5394 5395 5396 5397	Phoxichilidium compactum Halosoma compactum Phoxichilidium hokkaidoense Anoplodactylus erectus Anoplodactylus erectus Anoplodactylus oculospinus Anoplodactylus pacificus Anoplodactylus viridintestinalis Phoxichilidium femoratum Nymphon femoratum Phoxichilidium parvum Phoxichilidium quadradentatum Superfamily Pycnogonidea Family Pycnogonidae Pycnogonum rickettsi Pycnogonum stearnsi Superfamily Rhynchothoracoidea Family Rhynchothoracoidea	Hilton 1939 of Marcus 1940 Utinomi 1954 Cole 1904 Hilton 1939 Hilton 1942 Hilton 1942 Cole 1904 (Rathke 1790) Rathke 1790 Hilton 1939 Hilton 1942  Schmitt 1934 Ives 1892

5401	Subclass Acarina	
5402	Order Acariformes	
5403	Suborder Prostigmata	
5404	unidentified	
5405 5406	Subphylum Crustacea	
5406	Class Cephalocarida Order Brachypoda	
5408	Family Hutchinsonellidae	
5409	Lightiella serendipita	M. L. Iones 1961
5410	Class Maxillopoda	W. E. 1011C3 1501
5411	Subclass Thecostraca	
5412	Infraclass Cirripedia	
5413	Superorder Thoracica	
5414	Order Pedunculata	
5415	Suborder Lepadomorpha	
5416	Family Lepadidae	(0 1 1700)
5417	Conchoderma virgatum	(Spengler 1790)
5418 5419	Lepas virgata	Spengler 1790
5420	Suborder Scalpellomorpha Superfamily Scalpelloidea	
5421	Family Pollicipedidae	
5422	Pollicipes polymerus	(G. B. Sowerby III 1883)
5423	Mitella polymerus	G. B. Sowerby III 1883
5424	Family Scalpellidae	
5425	Hamatoscalpellum californicum	(Pilsbry 1907)
5426	Scalpellum californicum	Pilsbry 1907
5427	Arcoscalpellum californicum	(Pilsbry 1907)
5428	Scalpellum californicum osseum	Pilsbry 1907
5429	Scalpellum osseum	Pilsbry 1907
5430	Hamatoscalpellum sanctipetrense	(Pilsbry 1907)
5431	Scalpellum sanctipetrense	Pilsbry 1907
5432	Order Sessilia	
5433	Suborder Balanomorpha	
5434	Superfamily Chthamaloidea	
5435	Family Chthamalidae	D'L.L. 1016
5436	Chthamalus dalli	Pilsbry 1916
5437 5438	Chthamalus fissus Superfamily Tetraclitoidea	Darwin 1854
5439	Family Tetraclitidae	
5440	Tetraclita rubescens	Darwin 1854
5441	Superfamily Balanoidea	Dar will 100 i
5442	Family Archaeobalanidae	
5443	Conopea galeata	(Linnaeus 1771)
5444	Lepas galeata	Linnaeus 1771
5445	Balanus galeatus	of Pilsbry 1916
5446	Balanus (Conopea) galeatus	of Pilsbry 1907
5447	Conopea elongata	Say 1822 not (Gmelin 1791)
5448	Family Balanidae	
5449	Amphibalanus amphitrite	(Darwin 1854)
5450	Balanus amphitrite	Darwin 1854
5451	Amphibalanus eburneus	(Gould 1841)
5452	Balanus eburneus	Gould 1841
5453 5454	Balanus crenatus	Bruguière 1789
5454 5455	Lepas plicata	Spengler 1790 Spengler 1790
5456	Lepas fistula Lepas elongata	Gmelin 1790
5457	Balanus rugosus	Pulteney 1799
5458	Balanus glandula	Darwin 1854
5459	Balanus nubilus	Darwin 1854
5460	Balanus altissimus	Cornwall 1936
5461	Balanus flos	Pilsbry 1907
5462	Balanus trigonus	Darwin 1854
5463	Megabalanus californicus	(Pilsbry 1916)
5464	Balanus tintinnabulum californicum	Pilsbry 1916
5465	Menesiniella aquila	(Pilsbry 1907)
5466	Balanus aquila	Pilsbry 1907
5467	Paraconcavus pacificus	(Pilsbry 1916)
5468	Balanus concavus pacificus	Pilsbry 1916
5469	Balanus pacificus	of authors NEP
5470	Subclass Branchiura	
5471 5472	Order Argulidae	
5472	Family Argulidae	

5.4 <b>7</b> 0		
5473 5474	Argula sp Subclass Copepoda	
5475	Infraclass Neocopepoda	
5476	Superorder Podoplea	
5477	Order Misophrioida	
5478	Family Misophriidae	
5479	unidentified	
5480 5481	Order Harpacticoida	
5482	<b>Family Tisbidae</b> Scutellidium sp	
5483	Order Poecilostomatoida	
5484	Family Clausidiidae	
5485	Clausidium vancouverense	(Haddon 1912)
5486	Hersilia vancouverense	Haddon 1912
5487 5488	Clausidium californiense Hemicyclops subadhaerens	Wilson 1935 Gooding 1960
5489	Hemicyclops subdanderens Hemicyclops thysanotus	Wilson 1935
5490	Family Spiophanicolidae	Wilson 1930
5491	Spiophanicola spinulosus	Но 1984
5492	Order Monstrilloida	
5493	Family Thespesiopsyllidae	
5494 5495	unidentified Class Ostracoda	
5496	Subclass Myodocopa	
5497	Order Myodocopida	
5498	Suborder Myodocopina	
5499	Superfamily Cypridinoidea	
5500 5501	Family Cypridinidae Vargula tsujii	Kornicker & Baker 1977
5501 5502	Superfamily Cylindroleberidoidea	Romicket & Baket 19//
5503	Family Cylindroleberididae	
5504	Asteropella slatteryi	Kornicker 1981
5505	Bathyleberis garthi	Baker 1979
5506	Bathyleberis hancocki	Baker 1979
5507 5508	Bathyleberis sp LA1 Diasterope pilosa	Haney 2004 § Poulsen 1965
5509	Leuroleberis sharpei	Kornicker 1981
5510	Cylindroleberis lobiancoi	of authors NEP not (G. Müller 1893)
5511	Parasterope hulingsi	Baker 1978
5512	Postasterope barnesi	(Baker 1978)
5513 5514	Parasterope barnesi	Baker 1978
5514 5515	Xenoleberis californica Bathyleberis californica	(Baker 1979) Baker 1979
5516	Superfamily Sarsielloidea	Baker 1979
5517	Family Philomedidae	
5518	Anarthron sp SD1	Pasko 2001 §
5519	Ostracoda sp SD2	CSD 1996 §
5520 5521	Euphilomedes carcharodonta Philomedes carcharodonta	(Smith 1952)
5522	Euphilomedes longiseta	Smith 1952 (Juday 1907)
5523	Philomedes longiseta	Juday 1907
5524	Euphilomedes producta	Poulsen 1962
5525	Harbansus bradmyersi	Kornicker 1978
5526	Harbansus mayeri	Kornicker 1978
5527 5528	Harbansus sp SD1 Ostracoda sp SD1	Pasko 2001 § CSD 1996 §
5529	Philomedes dentata	Poulsen 1962
5530	Philomedes sp A	SCAMIT 1988 §
5531	Philomedes sp LA1	Haney 2004 §
5532	Scleroconcha trituberculata	(Lucas 1931)
5533	Philomedes trituberculata	Lucas 1931
5534 5535	Zeugophilomedes oblongus Pleoschisma oblonga	(Juday 1907) Juday 1907
5536	Pridoscristila obioriga  Philomedes oblongus	of authors NEP
5537	Family Sarsiellidae	
5538	Eusarsiella thominx	Kornicker 1987
5539	Sarsiella sp A	Myers 1978 §
5540 5541	Eusarsiella sp A	SCAMIT 1988 §
5541 5542	Sarsiella sp B Sarsiella sp F	Pt. Loma 1986 § MBC 1976 §
5543	Sarsiella sp H	Myers 1978 §
5544	Sarsiella sp C	MEC 1985 §
	-	-

5545	Sarsiellidae sp SD1	Pasko 2001 §
5546	Ostracoda sp SD3	CSD 1996 §
5547 5548	Family Rutidermatidae  Rutiderma apex	Kornicker & Harrison-Nelson 1997
5549	Rutiderma apex Rutiderma chessi	Kornicker & Myers 1981
5550	Rutiderma enessi Rutiderma hartmanni	Poulsen 1965
5551	Rutiderma judayi	MacKenzie 1963
5552	Rutiderma lomae	(Juday 1907)
5553	Philomedes Iomae	Juday 1907
5554	Rutiderma rostratum	Juday 1907
5555	Rutiderma rotundum	Poulsen 1965
5556	Subclass Podocopa	
5557	Order Podocopida	
5558	Suborder Cypridocopina	
5559	Superfamily Cypridoidea	
5560 5561	Family Cyprididae Cyprideis stewarti	Benson 1959
5562	Superfamily Macrocypridoidea	Delison 1939
5563	Family Macrocyprididae	
5564	Macrocyprina pacifica	LeRoy 1943
5565	Class Malacostraca	2010) 17.5
5566	Subclass Phyllocarida	
5567	Order Leptostraca	
5568	Family Nebaliidae	
5569	Nebalia daytoni	Vetter 1996
5570	Nebalia sp A	SCAMIT 1995 §
5571	Nebalia hessleri	Martin, Vetter & Cash-Clark 1996
5572	Nebalia pugettensis Cmplx	
5573 5574	Subclass Hoplocarida	
5575	Order Stomatopoda Suborder Unipeltata	
5576	Superfamily Gonodactyloidea	
5577	Family Hemisquillidae	
5578	Hemisquilla californiensis	Stephenson 1967
5579	Hemisquilla ensigera californiensis	of authors NEP
5580	Superfamily Parasquilloidea	
5581	Family Parasquillidae	
5582	Pseudosquillopsis marmorata	(Lockington 1877)
5583	Squilla marmorata	Lockington 1877
5584	Pseudosquilla lessonii	of Schmitt 1940 not Guérin 1830
5585 5586	Superfamily Squilloidea Family Squillidae	
5587	Schmittius politus	(Bigelow 1891)
5588	Squilla polita	Bigelow 1891
5589	Subclass Eumalacostraca	2.900.1001
5590	Superorder Peracarida	
5591	Order Mysida	
5592	Family Mysidae	
5593	Subfamily Boreomysinae	
5594	Boreomysis californica	Ortmann 1894
5595	Subfamily Gastrosaccinae	G : 1 100 <b>2</b>
5596	Archaeomysis grebnitzkii	Czerniavsky 1882
5597 5598	<b>Subfamily Siriellinae</b> Siriella pacifica	Holmes 1900
5599	Subfamily Erythropinae	Hollines 1900
5600	Amathimysis trigibba	Murano & Chess 1987
5601	Amblyops abbreviata	(G. O. Sars 1869)
5602	Amblyopsis abbreviata	G. O. Sars 1869
5603	Hippacanthomysis platypoda	Murano & Chess 1987
5604	Holmesiella anomala	Ortmann 1908
5605	Paramblyops sp SMB1	Watling & McCann 1997
5606	Pseudomma berkeleyi	W. Tattersall 1932
5607	Pseudomma californica	Bacescu & Gleye 1979
5608	Subfamily Heteromysinae	
5609	Deltamysis holmquistae	Bowman & Orsi 1992
5610 5611	Mysidopsis sp 1	Phillips 1987 § Walker 1808
5611 5612	Heteromysis odontops Subfamily Mysidellinae	Walker 1898
5613	Mysidella americana	Banner 1948
5614	Subfamily Mysinae	Dumer 1740
5615	Acanthomysis californica	Murano & Chess 1987
5616	Alienacanthomysis macropsis	(W. Tattersall 1932)
	· · · · · · · · · · · · · · · · · · ·	` '

5617	Neomysis macropsis	W. Tattersall 1932
5618	Acanthomysis macropsis	of W. Tattersall 1951
5619	Columbiaemysis ignota	Holmquist 1982
5620	Acanthomysis brunnea	Murano & Chess 1987
5621	Exacanthomysis davisi	(Banner 1948)
5622	Acanthomysis davisi	Banner 1948
5623	Acanthomysis costata	of W. Tattersall 1951 not (Holmes 1900)
5624	Neomysis costata	of W. Tattersall 1932 not (Holmes 1900)
5625	Holmesimysis costata	(Holmes 1900)
5626	Acanthomysis costata	Holmes 1900
5627	Inusitatomysis insolita	Ii 1940
5628	Inusitatomysis californica	Bacescu & Gleye 1979
5629	Inusitatomysis serrata	W. Tattersall 1951
5630	Neomysis kadiakensis	Ortmann 1908
5631	Neomysis rayi	(Murdock 1885)
5632	Mysis rayii	Murdock 1885
5633	Neomysis franciscorum	Holmes 1900
5634	Neomysis toion	Derzhavin 1913
5635	Pacifacanthomysis nephrophthalma	(Banner 1948)
5636	Acanthomysis nephrophthalma	Banner 1948
5637	Proneomysis wailesi	W. Tattersall 1933
5638	Subfamily Leptomysinae	CI 1002
5639	Cubanomysis mysteriosa	Gleye 1982
5640	Metamysidopsis elongata	(Holmes 1900)
5641	Mysidopsis elongata	Holmes 1900
5642	Mysidopsis brattegardi	Bacescu & Gleye 1979
5643 5644	Mysidopsis californica	W. Tattersall 1932
5645	Mysidopsis cathengelae Mysidopsis intii	Gleye 1982 Holmquist 1957
5646	Mysidopsis intil Mysidopsis onofrensis	Bacescu & Gleye 1979
5647	Order Amphipoda	Baccscu & Gleye 1979
5648	Suborder Ingolfiellidea	
5649	Family Ingolfiellidae	
5650	unidentified	
5651	Suborder Gammaridea	
5652	Infraorder Talitrida	
5653	Superfamily Phliantoidea	
5654	Family Phliantidae	
5655	Pariphinotus escabrosus	(J. L. Barnard 1962)
5656	Heterophlias seclusus escabrosa	J. L. Barnard 1962
5657	Superfamily Talitroidea	
5658	Family Dogielinotidae	
5659	Subfamily Najninae	
5660	Carinonajna kitamati	(J. L. Barnard 1979)
5661	Najna kitamati	J. L. Barnard 1979
5662	Najna ? consiliorum	of J. L. Barnard 1962 not Derzhavin 1937
5663	Parhyalella sp	
5664	Family Hyalellidae	
5665	Allorchestes angusta	Dana 1856
5666	Allorchestes oculatus	Stout 1913
5667	Allorchestes rickeri	Hendrycks & Bousfield 2001
5668	Hyalella azteca	(Saussure 1858)
5669 5670	Amphitoe aztecus Family Hyalidae	Saussure 1858
5671	Apohyale californica	(J. L. Barnard 1969)
5672	Aponyate cattyornica Hyale californica	(J. L. Barnard 1969)
5673	Parallorchestes cowani	Bousfield & Hendrycks 2002
5674	Protohyale canalina	(J. L. Barnard 1979)
5675	Hyale canalina	J. L. Barnard 1979
5676	Protohyale frequens	(Stout 1913)
5677	Hyale frequens	Stout 1913
5678	Family Talitridae	5,641,10.10
5679	Megalorchestia benedicti	(Shoemaker 1930)
5680	Orchestoidea benedicti	Shoemaker 1930
5681	Megalorchestia corniculata	(Stout 1913)
5682	Orchestoidea corniculata	Stout 1913
5683	Infraorder Corophiida	
5684	Superfamily Aoridea	
5685	Family Aoridae	
5686	Aoroides columbiae	Walker 1898
5687	Aoroides californica	Alderman 1936
5688	Aoroides exilis	Conlan & Bousfield 1982

FC00	A cold to cold cold to	of a three land and Malley 4000
5689	Aoroides columbiae	of authors in part not Walker 1898
5690	Aoroides inermis	Conlan & Bousfield 1982
5691	Aoroides columbiae	of authors in part not Walker 1898
5692	Aoroides intermedia	Conlan & Bousfield 1982
5693	Aoroides intermedius	Conlan & Bousfield 1982
5694	Aoroides columbiae	of authors in part not Walker 1898
5695	Aoroides secundus	Gurjanova 1938
5696	Aoroides secunda	Gurjanova 1938
5697	Aoroides spinosa	Conlan & Bousfield 1982
5698	Aoroides columbiae	of J. L. Barnard 1954 in part not Walker 1898
5699	Aoroides sp A	SCAMIT 1996 §
5700	Aoroides sp SD1	Pt. Loma 1995 §
5701	Bemlos audbettius	(J. L. Barnard 1962)
5702	Lembos audbettius	J. L. Barnard 1962
5703	Bemlos concavus	(Stout 1913)
5704	Lembos concavus	Stout 1913
5705	Bemlos macromanus	Shoemaker 1925
5706	Lembos macromanus	of J. L. Barnard 1962
5707	Columbaora cyclocoxa	Conlan & Bousfield 1982
5708	Grandidierella japonica	Stephensen 1938
5709	Paramicrodeutopus schmitti	(Shoemaker 1942)
5710	Microdeutopus schmitti	Shoemaker 1942
5711	Family Unciolidae	Oncomaker 1042
5712	Subfamily Acuminodeutopinae	
5713	Acuminodeutopus heteruropus	J. L. Barnard in J. L. Barnard & Reish 1959
5714	Rudilemboides stenopropodus	J. L. Barnard in J. L. Barnard & Reish 1959
5715	Rudilemboides sp A	SCAMIT 1998 §
5716	Superfamily Cheluroidea	SCAWIII 1996 §
5717	Family Cheluridae	DL:II:: 1920
5718	Chelura terebrans	Phillipi 1839
5719	Superfamily Chevalioidea	
5720	Family Chevaliidae	(94. + 1012)
5721	Chevalia inaequalis	(Stout 1913)
5722	Neophotis inaequalis	Stout 1913
5723	Chevalia aviculae	of J. L. Barnard 1962 not Walker 1904
5724	Superfamily Corophioidea	
5725	Family Ampithoidae	
5726	Subfamily Ampithoinae	
5727	Ampithoe lacertosa	Bate 1858
5728	Ampithoe longimana	Smith 1873
5729	Ampithoe plumulosa	Shoemaker 1938
5730	Ampithoe pollex	Kunkel 1910
5731	Ampithoe ramondi	Audouin 1826
5732	Ampithoe sectimanus	Conlan & Bousfield 1982
5733	Ampithoe simulans	Alderman 1936
5734	Ampithoe valida	Smith 1873
5735	Ampithoe shimizuensis	Stephensen 1944
5736	Paragrubia uncinata	(Stout 1912)
5737	Acanthogrubia uncinata	Stout 1912
5738	Cymadusa uncinata	of SCAMIT Ed 5
5739	Peramphithoe humeralis	(Stimpson 1864)
5740	Amphithoe humeralis	Stimpson 1864
5741	Ampithoe humeralis	of Stebbing 1906
5742	Peramphithoe lindbergi	(Gurjanova 1938)
5743	Amphithoe lindbergi	Gurjanova 1938
5744	Ampithoe femorata	of J. L. Barnard 1952 not Krøyer 1845
5745	Ampithoe lindbergi	of J. L. Barnard 1965
5746	Peramphithoe mea	(Gurjanova 1938)
5747	Amphithoe mea	Gurjanova 1938
5748	Peramphithoe plea	(J. L. Barnard 1965)
5749	Amphithoe plea	J. L. Barnard 1965
5750	Peramphithoe tea	(J. L. Barnard 1965)
5750 5751	Amphithoe tea	J. L. Barnard 1965
5751	Family Corophiidae	J. L. Damaiu 1303
5752 5753	· · · · · · · · · · · · · · · · · · ·	
	Subfamily Corophilinae	(Stimpson 1857)
5754	Americorophium salmonis	(Stimpson 1857)
5755 5756	Corophium salmonis	Stimpson 1857
5756	Americorophium stimpsoni	(Shoemaker 1941)
5757	Corophium stimpsoni	Shoemaker 1941
5758	Laticorophium baconi	(Shoemaker 1934)
5759 5760	Corophium baconi	Shoemaker 1934
5760	Monocorophium acherusicum	(Costa 1857)

F704		0 / 10==
5761	Corophium acherusicum	Costa 1857
5762	Monocorophium californianum	(Shoemaker 1934)
5763	Corophium californianum	Shoemaker 1934
5764	Monocorophium insidiosum	(Crawford 1937)
5765	Corophium insidiosum	Crawford 1937
5766	Corophium oaklandense	Shoemaker 1949
5767	Monocorophium uenoi	(Stephensen 1932)
5768	Corophium uenoi	Stephensen 1932
5769	Sinocorophium alienense	(Chapman 1988)
5770	Corophium alienense	Chapman 1988
5771	Sinocorophium heteroceratum	(Yu 1932)
5772	Corophium heteroceratum	Yu 1932
5773	Subfamily Protomedeiinae	
5774	Cheiriphotis megacheles	Giles 1883
5775	Protomedeia articulata Cmplx	
5776	Protomedeia articulata	of SCAMIT Ed 3
5777	Protomedeia prudens	of SCAMIT Ed 3
5778	Infraorder Caprellida	
5779	Superfamily Caprelloidea	
5780	Family Caprellidae	
5781	Subfamily Caprellinae	
5782	Aciconula acanthosoma	Chess 1989
5783	Aciconula sp A	Benedict 1978 §
5784	Caprella alaskana	Mayer 1903
5785	Caprella californica	Stimpson 1857
5786	Caprella scaura	of Stebbing 1888
5787	Caprella scaura var scauroides	Mayer 1903
5788	Caprella scaura var californica	Mayer 1903
5789	Caprella equilibra	Say 1818
5790	Caprella gorgonia	Laubitz & Lewbel 1974
5791	Caprella gracilior	Mayer 1903
5792	Caprella linearis var gracilior	Mayer 1903
5793	Caprella incisa	Mayer 1903
5794	•	
579 <del>4</del> 5795	Caprella kennerlyi	Stimpson 1864 of SCAMIT Ed 3
	Metacaprella kennerlyi	
5796 5707	Caprella laeviuscula	Mayer 1903
5797	Caprella mendax	Mayer 1903
5798	Caprella equilibra	of Dougherty & Steinberg 1953 not Say 1818
5799	Caprella mutica	Schurin 1935
5800	Caprella cf acanthogaster	of Cadien 2003 §
5801	Caprella natalensis	(Mayer 1903)
5802	Caprella acutifrons var natalensis	Mayer 1903
5803	Caprella angusta	Mayer 1903
5804	Caprella penantis	of authors NEP not Leach 1814
5805	Caprella penantis var natalensis	of K. H. Barnard 1916
5806	Caprella penantis	Leach 1814
5807	Caprella pilidigita	Laubitz 1970
5808	Caprella simia	Mayer 1903
5809	Caprella verrucosa	Boeck 1872
5810	Caprella acutifrons var verrucosa	Mayer 1903
5811	Caprella acutifrons	of La Follette 1914
5812	Caprella septentrionalis var verrucosa	Mayer 1890
5813	Caprella sp E	Benedict 1978 §
5814	Deutella californica	Mayer 1890
5815	Deutella venenosa	Mayer 1890
5816	Mayerella acanthopoda	Benedict 1977
5817	Mayerella banksia	Laubitz 1970
5818	Paracaprella sp SD1	Pasko 2000 §
5819	Tritella laevis	Mayer 1903
5820	Tritella pilimana	Mayer 1890
5821	Aeginella hirsuta	La Follette 1915
5822	Tritella tenuissima	Dougherty & Steinberg 1953
5823	Subfamily Phtisicinae	= 0.00 2. 2.00mov.8 1,000
5824	Hemiproto sp A	Benedict 1978 §
5825	Hemiproto wigleyi	of Watling 1995 not? McCain 1968
5826	Perotripus brevis	(La Follette 1915)
5827	Paedaridium breve	La Follette 1915
5828	Phtisica sp	La i Ollette 1915
5829	1	
5829 5830	Family Dulichiidae	McCloslay 1070
	Dulichia rhabdoplastis Dulichiansis ramis	McClosky 1970
5831 5832	Dulichiopsis remis  Dulichia remis	(J. L. Barnard 1964) J. L. Barnard 1964
J032	Dulichia Temis	J. L. Damaiu 1904

5833	Dyopedos monacanthus	(Metzger 1875)
5834	Dulichia monacantha	Metzger 1875
		Meizger 1075
5835	Family Podoceridae	
5836	Podocerus brasiliensis	(Dana 1853)
5837	Platophium brasiliense	Dana 1853
5838	Podocerus cristatus	(Thomson 1879)
5839	Cyrtophium cristatum	Thomson 1879
5840	Podocerus fulanus	J. L. Barnard 1962
5841	Superfamily Photoidea	
5842	Family Ischyroceridae	
5843	Subfamily Ischyrocerinae	
5844	, , , , , , , , , , , , , , , , , , ,	
	Cerapus tubularis Cmplx	6 II NED 10 101E
5845	Cerapus tubularis	of authors NEP not Say 1817
5846	Ericthonius brasiliensis	(Dana 1853)
5847	Pyctilus brasiliensis	Dana 1853
5848	Ericthonius rubricornis	(Stimpson 1853)
5849	Cerapus rubricornis	Stimpson 1853
		•
5850	Ericthonius difformis	of authors not H. Milne Edwards 1830
5851	Ericthonius hunteri	of authors not (Bate 1862)
5852	Ericthonius sp SD1	Pasko 1999 §
5853	Ischyrocerus anguipes	Krøyer 1838
5854	, , ,	of Walker 1898
	Ischyrocerus minutus	
5855	Ischyrocerus pelagops	J. L. Barnard 1962
5856	Ischyrocerus sp B	J. L. Barnard 1969
5857	Ischyrocerus sp C	Paquette 1989 §
5858	Jassa carltoni	Conlan 1990
5859	Jassa morinoi	Conlan 1990
5860	Jassa slatteryi	Conlan 1990
5861	Jassa falcata	of authors NEP not (Montagu 1808)
5862	Podocerus odontonyx	G.O. Sars 1894
5863	Jassa staudei	Conlan 1990
5864	Microjassa barnardi	Conlan 1995
5865	Microjassa bousfieldi	Conlan 1995
5866	Microjassa litotes	J. L. Barnard 1954
5867	Ischyrocerus litotes	of J. L. Barnard 1962
5868	Neoischyrocerus claustris	(J. L. Barnard 1969)
5869	· · · · · · · · · · · · · · · · · · ·	J. L. Barnard 1969
	Microjassa claustris	
5870	Ischyrocerus claustris	of J. L. Barnard & Karaman 1991
5871	Ruffojassa angularis	(Shoemaker 1942)
5872	Parajassa angularis	Shoemaker 1942
5873	Ventojassa ventosa	(J. L. Barnad 1962)
5874	Eurystheus ventosa	J. L. Barnard 1962
	· · · · · · · · · · · · · · · · · · ·	J. L. Dallialu 1902
5875	Family Kamakidae	
5876	Subfamily Kamakinae	
5877	Amphideutopus oculatus	J. L. Barnard in J. L. Barnard & Reish 1959
5878	Family Photidae	
5879	Ampelisciphotis podophthalma	(J. L. Barnard 1958)
		,
5880	Gaviota podophthalma	J. L. Barnard 1958
5881	Gammaropsis barnardi	Kudryashov & Tzvetkova 1975
5882	Gammaropsis effrena	(J. L. Barnard 1964)
5883	Megamphopus effrenus	J. L. Barnard 1964
5884	Gammaropsis mamola	(J. L. Barnard 1962)
5885	1	,
	Megamphopus mamolus	J. L. Barnard 1962
5886	Gammaropsis martesia	(J. L. Barnard 1964)
5887	Megamphopus martesia	J. L. Barnard 1964
5888	Gammaropsis ociosa	(J. L. Barnard 1962)
5889	Kermystheus ociosa	J. L. Barnard 1962
5890	Podoceropsis ociosa	of J. L. Barnard & Karaman 1991
	· · · · · · · · · · · · · · · · · · ·	
5891	Gammaropsis shoemakeri	Conlan 1983
5892	Gammaropsis spinosa	(Shoemaker 1942)
5893	Eurystheus spinosus	Shoemaker 1942
5894	Gammaropsis thompsoni	(Walker 1898)
5895	Maeroides thompsoni	Walker 1898
	•	
5896	Eurystheus thompsoni	(Walker 1898)
5897	Gammaropsis tenuicornis	Holmes 1904
5898	Fimbriella robusta	Stout 1913
5899	Gammaropsis tonichi	J. L. Barnard 1969
5900	Photis bifurcata	J. L. Barnard 1962
	v	
5901	Photis brevipes	Shoemaker 1942
5902	Photis californica	of J. L. Barnard 1954 not Stout 1913
5903	Photis californica	Stout 1913
5903 5904	Photis californica Photis reinhardi	Stout 1913 of Alderman 1936 not Krøyer 1842

5905	Photis chiconola	J. L. Barnard 1964
5906	Photis conchicola	Alderman 1936
5907	Photis sp F	SCAMIT 1995 §
5908	Photis lacia	J. L. Barnard 1962
5909	Photis linearmanus	Conlan 1994
5910	Photis sp D	Paquette 1987 §
5911	Photis macinerneyi	Conlan 1983
	•	
5912	Photis macrotica	J. L. Barnard 1962
5913	Photis parvidons	Conlan 1983
5914	Photis viuda	J. L. Barnard 1962
5915	Photis sp A	MBC 1972 §
5916	Photis sp B	Paquette 1987 §
5917	Photis sp C	MEC 1988 §
5918	Photis sp E	SCAMIT 1995 §
5919	Photis sp OC1	Diener 1992 §
5920	Infraorder Leucothoida	
5921	Superfamily Leucothoidea	
5922	Family Pleustidae	
5923	Subfamily Atylopsinae	C 1' 0 M / 1000
5924	Myzotarsa anaxiphilius	Cadien & Martin 1999
5925	Subfamily Pleustinae	
5926	Thorlaksonius depressus	(Alderman 1936)
5927	Pleustes depressus	Alderman 1936
5928	Thorlaksonius platypus	(J. L. Barnard & Given 1960)
5929	Pleustes platypa	J. L. Barnard & Given 1960
5930	Thorlaksonius subcarinatus	Bousfield & Hendrycks 1994
5931	Thorlaksonius truncatus	Bousfield & Hendrycks 1994
5932	Subfamily Stenopleustinae	Bousileid & Helidi yeks 1994
		(I. I. Darmard & Circan 1060)
5933	Gracilipleustes monocuspis	(J. L. Barnard & Given 1960)
5934	Stenopleustes monocuspis	J. L. Barnard & Given 1960
5935	Subfamily Dactylopleustinae	0.0 L 1.0 mm 4.0 0.0 0.0
5936	Dactylopleustes sp A	SCAMIT 1988 §
5937	Subfamily Pleusirinae	
5938	Pleusirus secorrus	J. L. Barnard 1969
5939	Subfamily Pleusymptinae	
5940	Pleusymtes subglaber	(J. L. Barnard & Given 1960)
5941	Sympleustes subglaber	J. L. Barnard & Given 1960
5942	Subfamily Parapleustinae	o. E. Bamara a onton 1000
5943	Chromopleustes oculatus	(Holmes 1908)
5944	Neopleustes oculatus	Holmes 1908
5945	Parapleustes oculatus	of J. L. Barnard & Given 1960 in part
5946	Gnathopleustes den	(J. L. Barnard 1969)
5947	Parapleustes den	J. L. Barnard 1969
5948	Gnathopleustes pugettensis	(Dana 1852)
5949	Parapleustes pugettensis	Dana 1852
5950	Gnathopleustes serratus	Bousfield & Hendrycks 1995
5951	Incisocalliope bairdi	(Boeck 1871)
5952	Paramphithoe bairdi	Boeck 1871
5953	Neopleustes bairdi	of Stebbing 1906
5954	and the state of t	J. L. Barnard in J. L. Barnard & Reish 1959
	Incisocalliope newportensis	of J. L. Barnard & Given 1960 not Gnathopleustes pugettensis
5955	Parapleustes pugettensis	/Dana 10E2\
5956	Micropleustes nautilus	(J. L. Barnard 1969)
5957	Parapleustes nautilus	J. L. Barnard 1969
5958	Parapleustes behningi	of J. L. Barnard 1969 not Gurjanova 1938
5959	Trachypleustes trevori	Bousfield & Hendrycks 1995
5960	Family Leucothoidae	·
5961	Anamixis pacifica	(J. L. Barnard 1955)
5962	Leucothoides pacifica	J. L. Barnard 1955
5963	Anamixis linsleyi	J. L. Barnard 1955
5964	Leucothoe alata	
		J. L. Barnard in J. L. Barnard & Reish 1959
5965	Leucothoe spinicarpa	(Abildgaard 1789)
5966	Gammarus spinicarpus	Abildgaard 1789
5967	Superfamily Stenothoidea	
5968	Family Amphilochidae	
5969	Apolochus barnardi	Hoover & Bousfield 2001
5970	Amphilochus neapolitanus Cmplx	of SCAMIT Ed 3 in part
5971	Amphilochus neapolitanus	of J. L. Barnard 1962 not della Valle 1893
5972	Apolochus litoralis	(Stout 1912)
	Apotocitus titorutis Amphilochus litoralis	Stout 1912)
5973		
5973 5074	·	
5974	Apolochus picadurus	(J. L. Barnard 1962)
	·	

5977	Hourstonius vilordes	(J. L. Barnard 1962)
5978	Gitanopsis vilordes	J. L. Barnard 1962
5979	·	J. L. Ballialu 1902
5980	Family Stenothoidae	I I Damand 1000
	Metopa cistella	J. L. Barnard 1969
5981	Metopa dawsoni	J. L. Barnard 1962
5982	Metopella aporpis	J. L. Barnard 1962
5983	Parametopella ninis	J. L. Barnard 1962
5984	Stenothoe estacola	J. L. Barnard 1962
5985	Stenothoe frecanda	J. L. Barnard 1962
5986	Stenothoe valida	Dana 1853
5987	Stenothoides bicoma	J. L. Barnard 1962
5988	Stenothoides burbanki	J. L. Barnard 1969
5989	Stenula modosa	J. L. Barnard 1962
5990	Superfamily Iphimedioidea	
5991	Family Iphimediidae	
5992	Coboldus hedgpethi	(J. L. Barnard 1969)
5993	Panoploea (?) hedgpethi	J. L. Barnard 1969
5994	Iphimedia hedgpethi	of Thomas & J. L. Barnard 1991
5995		
	Iphimedia rickettsi	(Shoemaker 1931)
5996	Panoploea rickettsi	Shoemaker 1931
5997	Infraorder Eusirida	
5998	Superfamily Eusiroidea	
5999	Family Eusiridae	
6000	Eusiroides monoculoides	(Haswell 1879)
6001	Atylus monoculoides	Haswell 1879
6002	Eusirus sp	
6003	Nasageneia quinsana	(J. L. Barnard 1964)
6004	Pontogeneia quinsana	J. L. Barnard 1964
6005	Oradarea longimana	(Boeck 1871)
6006	Amphithopsis longimana	Boeck 1871
6007	Leptamphopus longimana	of Gurjanova 1951
6008	Pontogeneia inermis	(Krøyer 1838)
6009	Amphithoe inermis	
	·	Krøyer 1838
6010	Pontogeneia rostrata	Gurjanova 1938
6011	Rhachotropis barnardi	Bousfield & Hendrycks 1995
6012	Rhachotropis clemens	J. L. Barnard 1971 in part
6013	Rhachotropis clemens	J. L. Barnard 1967
6014	Rhachotropis distincta	(Holmes 1908)
6015	Gracilipes distincta	Holmes 1908
6016	Rhachotropis luculenta	J. L. Barnard 1969
6017	Rhachotropis sp A	Velarde 1987 §
6018	Rhachotropis oculata	of authors NEP not Hansen 1888 in part
6019	Rhachotropis sp HYP1	Roney 2007 §
6020	Tethygeneia opata	(J. L. Barnard 1979)
6021	Pontogeneia opata	J. L. Barnard 1979
6022	Family Bateidae	U. E. Bamara 1979
6023	Batea lobata	Shoemaker 1926
6024	Batea transversa	Shoemaker 1926
6025	Superfamily Oedicerotoidea	
6026	Family Oedicerotidae	
6027	Americhelidium micropleon	(J. L. Barnard 1977)
6028	Synchelidium micropleon	J. L. Barnard 1977
6029	Synchelidium sp M	J. L. Barnard 1969
6030	Americhelidium rectipalmum	(Mills 1962)
6031	Synchelidium rectipalmum	Mills 1962
6032	Americhelidium shoemakeri	(Mills 1962)
6033	Synchelidium shoemakeri	Mills 1962
6034	Americhelidium sp SD2	Pasko 2001 §
6035	Americhelidium sp SD3	Pasko 2001 §
6036	Americhelidium variabilum	Bousfield & Chevrier 1996
6037	Americhelidium variabilum Americhelidium sp SD1	Pasko 2005 §
		v
6038	Americhelidium sp SD4	Pasko 2005 §
6039	Bathymedon covilhani	J. L. Barnard 1961
6040	Bathymedon flebilis	J. L. Barnard 1967
6041	Bathymedon kassites	J. L. Barnard 1966
6042	Bathymedon pumilus	J. L. Barnard 1962
6043	Bathymedon roquedo	J. L. Barnard 1962
6044	Bathymedon vulpeculus	J. L. Barnard 1971
6045	Deflexilodes enigmaticus	Bousfield & Chevrier 1996
6046	Deflexilodes sp SD1	Pasko 1998 §
6047	Deflexilodes norvegicus	(Boeck 1861)
6048	Oedicerus norvegicus	Boeck 1861
55-5	Ocultor us 1101 vegicus	2000K 1001

6049	Monoculodes norvegicus	of J. L. Barnard 1962
6050	Eochelidium sp A	SCAMIT 1996 §
6051	Hartmanodes hartmanae	(J. L. Barnard 1962)
6052	Monoculodes hartmanae	J. L. Barnard 1962
6053	Hartmanodes murrius	(J. L. Barnard 1962)
6054	Monoculodes murrius	J. L. Barnard 1962
6055	Hartmanodes sp SD1	Pasko 1997 §
6056	Monoculodes sp SD1	Pasko 1997 §
6057	Monoculodes emarginatus	J. L. Barnard 1962
6058	Monoculodes glyconicus	J. L. Barnard 1962
6059	Monoculodes glyconica	J. L. Barnard 1962
	•	
6060	Monoculodes latissimanus	Stephensen 1931
6061	Oediceropsis elsula	J. L. Barnard 1966
6062	Pacifoculodes barnardi	Bousfield & Chevrier 1996
6063	Monoculodes spinipes	of J. L. Barnard 1962 not Mills 1962
6064	Westwoodilla tone	Jansen 2002
6065	Westwoodilla caecula	of authors NEP not (Bate 1857)
6066	Infraorder Liljeborgida	
6067	Superfamily Synopioidea	
6068	Family Synopiidae	
6069	Bruzelia tuberculata	G.O. Sars 1883
6070	Garosyrrhoe bigarra	(J. L. Barnard 1962)
6071	Syrrhoites bigarra	J. L. Barnard 1962
6072	Garosyrrhoe bigarra Cmplx	of SCAMIT Ed 3
6073	Garosyrrhoe disjuncta	J. L. Barnard 1969
6074	Garosyrrhoe sp A	Laughlin 1988 §
6075	Metatiron tropakis	(J. L. Barnard 1972)
6076	Tiron tropakis	(J. L. Barnard 1972)
	•	
6077	Syrrhoe crenulata	Göes 1866
6078	Syrrhoe longifrons	Shoemaker 1964
6079	Syrrhoe sp A	SCAMIT 1987 §
6080	Tiron biocellata	J. L. Barnard 1962
6081	Family Argissidae	
6082	Argissa hamatipes	(Norman 1869)
6083	Syrrhoe hamatipes	Norman 1869
6084	Argissa typica	Boeck 1871
6085	Argissa stebbingi	Bonnier 1896
6086	Superfamily Pardaliscoidea	
6087	Family Pardaliscidae	
6088	Halicoides synopiae	(J. L. Barnard 1962)
6089	Pardisynopia synopiae	J. L. Barnard 1962
6090	Nicippe tumida	Bruzelius 1859
6091	Pardalisca tenuipes	G.O. Sars 1895
6092	Pardaliscella symmetrica	J. L. Barnard 1959
6093	Superfamily Liljeborgioidea	J. L. Darnard 1939
6094		
	Family Liljeborgiidae	L L B
6095	Liljeborgia cota	J. L. Barnard 1962
6096	Liljeborgia geminata	J. L. Barnard 1959
6097	Liljeborgia kinahani	of J. L. Barnard 1962 not Bate 1862
6098	Listriella albina	J. L. Barnard 1959
6099	Listriella diffusa	J. L. Barnard 1959
6100	Listriella eriopisa	J. L. Barnard 1959
6101	Listriella goleta	J. L. Barnard 1959
6102	Listriella melanica	J. L. Barnard 1959
6103	<i>Listriella</i> sp A	SCAMIT 1987 §
6104	Listriella sp SD1	Pasko 2006 §
6105	Family Colomastigidae	
6106	Colomastix sp	
6107	Colomastix pusilla	of J. L. Barnard 1954 not Grube 1851
6108	Infraordera Gammarida	
6109	Superfamily Pontoporeioidea	
6110	Family Haustoriidae	
6111	Eohaustorius barnardi	Bousfield & Hoover 1995
6112		of authors SCB not (Thorsteinson 1941)
	Echaustorius washingtonianus	,
6113	Eohaustorius sawyeri	Bosworth 1973
6114	Eohaustorius sencillus	J. L. Barnard 1962
6115	Superfamily Phoxocephaloidea	
6116	Family Urothoidae	
6117	Urothoe elegans Cmplx	
6118	Urothoe elegans	of authors NEP
6119	Urothoe varvarini	of authors NEP
6120	Family Phoxocephalidae	

6121	Subfamily Metharpiniinae	(I.I. B. 11000)
6122	Foxiphalus cognatus	(J. L. Barnard 1960)
6123 6124	Paraphoxus cognatus Foxiphalus golfensis	J. L. Barnard 1960 J. L. Barnard & C. M. Barnard 1982
6125	Foxiphalus obtusidens	(Alderman 1936)
6126	Pontharpinia obtusidens	Alderman 1936
6127	Paraphoxus obtusidens	of J. L. Barnard 1960
6128	Foxiphalus similis	(J. L. Barnard 1960)
6129	Paraphoxus similis	J. L. Barnard 1960
6130	Grandifoxus longirostris	(Gurjanova 1938)
6131	Pontharpinia longirostris	Gurjanova 1938
6132	Majoxiphalus major	(J. L. Barnard 1960)
6133	Paraphoxus obtusidens major	J. L. Barnard 1960
6134	Foxiphalus major	of J. L. Barnard & C. M. Barnard 1982
6135 6136	Metharpinia coronadoi	J. L. Barnard 1980
6137	<i>Metharpinia jonesi</i> Paraphoxus jonesi	(J. L. Barnard 1963) J. L. Barnard 1963
6138	Rhepoxynius abronius	(J. L. Barnard 1960)
6139	Paraphoxus abronius	J. L. Barnard 1960
6140	Rhepoxynius bicuspidatus	(J. L. Barnard 1960)
6141	Paraphoxus bicuspidatus	J. L. Barnard 1960
6142	Rhepoxynius daboius	(J. L. Barnard 1960)
6143	Paraphoxus daboius	J. L. Barnard 1960
6144	Rhepoxynius fatigans	(J. L. Barnard 1960)
6145	Paraphoxus fatigans	J. L. Barnard 1960
6146	Rhepoxynius heterocuspidatus	(J. L. Barnard 1960)
6147	Paraphoxus heterocuspidatus	J. L. Barnard 1960
6148	Rhepoxynius homocuspidatus	J. L. Barnard & C. M. Barnard 1982
6149	Rhepoxynius lucubrans	(J. L. Barnard 1960)
6150 6151	Paraphoxus lucubrans	J. L. Barnard 1960 J. L. Barnard & C. M. Barnard 1982
6152	Rhepoxynius menziesi Paraphoxus epistomus	of J. L. Barnard 1960 not Shoemaker 1938
6153	Trichophoxus epistomus	of authors NEP not (Shoemaker 1938)
6154	Rhepoxynius stenodes	(J. L. Barnard 1960)
6155	Paraphoxus stenodes	J. L. Barnard 1960
6156	Rhepoxynius tridentatus	(J. L. Barnard 1954)
6157	Pontharpinia tridentata	J. L. Barnard 1954
6158	Paraphoxus tridentatus	J. L. Barnard 1960
6159	Rhepoxynius variatus	(J. L. Barnard 1960)
6160	Paraphoxus variatus	J. L. Barnard 1960
6161	Rhepoxynius sp A Subfamily Pontharpiniinae	SCAMIT 1987 §
6162 6163	Mandibulophoxus gilesi	J. L. Barnard 1957
6164	Subfamily Parharpiniinae	J. L. Bamara 1937
6165	Eyakia robusta	(Holmes 1908)
6166	Paraphoxus robustus	Holmes 1908
6167	Subfamily Brolginae	
6168	Eobrolgus chumashi	J. L. Barnard & C. M. Barnard 1982
6169	Eobrolgus spinosus	(Holmes 1903)
6170	Paraphoxus spinosus	Holmes 1903
6171	Paraphoxus sp 1	Jarrett & Bousfield 1994
6172	Paraphoxus oculatus	of authors NEP not (G. Sars 1879)
6173	Subfamily Phoxocephalinae	(I. I. D
6174	Cephalophoxoides homilis	(J. L. Barnard 1960)
6175 6176	Phoxocephalus homilis Paraphoxus homilis	J. L. Barnard 1960 of Austin 1984
6177	Coxophoxus hidalgo	J. L. Barnard 1966
6178	Leptophoxus falcatus icelus	J. L. Barnard 1966
6179	Metaphoxus frequens	J. L. Barnard 1960
6180	Parametaphoxus sp 1	Chapman MS
6181	Parametaphoxus fultoni	of authors NEP not (Scott 1890)
6182	Parametaphoxus quaylei	of authors SCB not Jarrett & Bousfield 1994
6183	Subfamily Harpiniinae	
6184	Harpiniopsis emeryi	J. L. Barnard 1960
6185	Harpiniopsis epistomata	J. L. Barnard 1960
6186	Harpiniopsis epistomatus	J. L. Barnard 1960
6187	Harpiniopsis fulgens	J. L. Barnard 1960
6188	Harpiniopsis galera	J. L. Barnard 1960
6189 6190	Harpiniopsis galerus <i>Harpiniopsis n<mark>a</mark>iadis</i>	J. L. Barnard 1960 J. L. Barnard 1960
6191	Harpiniopsis naidais Harpiniopsis profunda	J. L. Barnard 1960 J. L. Barnard 1960
6192	Harpiniopsis similis	Stephensen 1925
-		r

6193	Heterophoxus affinis	(Holmes 1908)
6194	Harpinia affinis	Holmes 1908
6195	Heterophoxus oculatus	of authors NEP not (Holmes 1908)
6196	Heterophoxus conlanae	Jarrett & Bousfield 1994
6197	Heterophoxus ellisi	Jarrett & Bousfield 1994
6198	Heterophoxus oculatus	of authors NEP not (Holmes 1908)
6199	Heterophoxus oculatus	(Holmes 1908)
6200	Harpina oculata	Holmes 1908
6201	Pseudharpinia excavata	(Chevreux 1887)
6202 6203	Harpinia excavata	Chevreux 1887
6204	Harpiniopsis sanpedroensis Family Platyischnopidae	J. L. Barnard 1960
6205	Tiburonella viscana	(J. L. Barnard 1964)
6206	Platyischnopus viscana	J. L. Barnard 1964
6207	Infraorder Dexaminida	o. E. Bamara 100 .
6208	Superfamily Dexaminoidea	
6209	Family Dexaminidae	
6210	Atylus tridens	(Alderman 1936)
6211	Nototropis tridens	Alderman 1936
6212	Guernea reduncans	(J. L. Barnard 1958)
6213	Dexamonica reduncans	J. L. Barnard 1958
6214	Paradexamine sp SD1	Pasko 1999 §
6215	Polycheria osborni	Calman 1898
6216	Superfamily Ampeliscoidea Family Ampeliscidae	
6217 6218	Ampelisca agassizi	(Judd 1896)
6219	Ampetiscu ugussizi Byblis agassizi	Judd 1896
6220	Ampelisca compressa	Holmes 1905
6221	Ampelisca vera	J. L. Barnard 1954
6222	Ampelisca brachycladus	Roney 1990
6223	Ampelisca sp A	SCAMIT 1986 §
6224	Ampelisca brevisimulata	J. L. Barnard 1954
6225	Ampelisca cf brevisimulata	SCAMIT 1995 §
6226	Ampelisca careyi	Dickinson 1982
6227	Ampelisca macrocephala	of J. L. Barnard 1954 not Liljeborg 1842
6228	Ampelisca unsocalae	of authors SCB in part not J. L. Barnard 1960
6229	Ampelisca coeca	Holmes 1908
6230	Ampelisca cristata cristata	Holmes 1908
6231	Ampelisca cristata microdentata	J. L. Barnard 1954
6232	Ampelisca fageri	Dickinson 1982
6233 6234	Ampelisca furcigera	Bulycheva 1936
6235	<i>Ampelisca hancocki</i> Ampelisca nr hancocki	J. L. Barnard 1954 of authors NEP
6236	Ampelisca hi Haricocki Ampelisca hancocki Cmplx	of SCAMIT Ed 4
6237	Ampelisca indentata	J. L. Barnard 1954
6238	Ampelisca lobata	Holmes 1908
6239	Ampelisca articulata	Stout 1913
6240	Ampelisca milleri	J. L. Barnard 1954
6241	Ampelisca pacifica	Holmes 1908
6242	Ampelisca plumosa	Holmes 1908
6243	Ampelisca pugetica	Stimpson 1864
6244	Ampelisca californica	Holmes 1908
6245	Ampelisca gnathia	J. L. Barnard 1954
6246	Ampelisca macrodonta	J. L. Barnard 1954
6247	Ampelisca mora	J. L. Barnard 1954
6248	Ampelisca romigi	J. L. Barnard 1954
6249	Ampelisca isocornea	J. L. Barnard 1954
6250 6251	Ampelisca romigi ciego <i>Ampelisca unsocalae</i>	J. L. Barnard 1966 J. L. Barnard 1960
6252	Ampetisca unsocatae  Ampelisca macrocephala unsocalae	J. L. Barnard 1960 J. L. Barnard 1960
6253	Byblis barbarensis	J. L. Barnard 1960
6254	Byblis bathyalis	J. L. Barnard 1966
6255	Byblis millsi	Dickinson 1983
6256	Byblis thyabilis	J. L. Barnard 1971
6257	Byblis veleronis	J. L. Barnard 1954
6258	Superfamily Hadzioidea	
6259	Family Maeridae	
6260	Ceradocus spinicaudus	(Holmes 1908)
6261	Maera spinicauda	Holmes 1908
6262	Elasmopus antennatus	Stout 1913
6263	Elasmopus bampo	J. L. Barnard 1979
6264	Elasmopus rapax	of J. L. Barnard 1962 in part not Costa 1853

6265	Elasmopus holgurus	J. L. Barnard 1962
6266	Elasmopus mutatus	J. L. Barnard 1962
6267	Elasmopus rapax mutatus	J. L. Barnard 1962
6268	Elasmopus serricatus	J. L. Barnard 1962
6269	Maera bousfieldi	Krapp-Schickel & Jarrett 2000
6270	Maera jerrica	Krapp-Schickel & Jarrett 2000
6271	Maera inaequipes	J. L. Barnard 1954 in part not Costa 1851
6272	Maera nelsonae	Krapp-Schickel & Jarrett 2000
6273	Maera similis	Stout 1913
6274	Maera simile	
		Stout 1913
6275	Maera inaequipes	J. L. Barnard 1954 in part not Costa 1851
6276	Quadrimaera carla	Krapp-Schickel & Jarrett 2000
6277	Maera reishi	J. L. Barnard 1979 in part
6278	Maera inaequipes	of J. L. Barnard in J. L. Barnard & Reish 1959 not Costa 1851
6279	Quadrimaera reishi	(J. L. Barnard 1979)
6280	Maera reishi	J. L. Barnard 1979 in part
6281	Quadrimaera vigota	(J. L. Barnard 1969)
6282	Maera vigota	J. L. Barnard 1969
6283	Family Melitidae	
6284	Desdimelita californica	(Alderman 1936)
6285	Melita californica	Alderman 1936
6286	Desdimelita desdichada	(J. L. Barnard 1962)
6287		J. L. Barnard 1962
	Melita desdichada	
6288	Abludomelita desdichada	of Karaman 1981
6289	Dulichiella spinosa	Stout 1912
6290	Melita appendiculata	of authors NEP not (Say 1818)
6291	Melita fresneli	of Wailes 1931 not (Audouin 1826)
6292	Megamoera subtener	(Stimpson 1864)
6293	Gammarus subtener	Stimpson 1864
6294	Abludomelita subtener	of Karaman 1981
6295	Melita dentata	of authors NEP not (Krøyer 1842)
6296	Melita nitida	Smith 1874
6297	Melita rylovae	Bulycheva 1955
6298	Melita sulca	(Stout 1913)
6299	Caliniphargus sulcus	Stout 1913
6300	, <del>y</del>	Stout 1915
	Superfamily Melphidippoidea	
6301	Family Cheirocratidae	(I I D
6302	Hornellia occidentalis	(J. L. Barnard in J. L. Barnard & Reish 1959)
6303	Metaceradocus occidentalis	J. L. Barnard in J. L. Barnard & Reish 1959
6304	Family Melphidippidae	
6305	<i>Melphisana bola</i> Cmplx	
6306	Melphisana bola	of J. L. Barnard 1962
6307	Melphidippa amorita	of J. L. Barnard 1966
6308	Family Megaluropidae	
6309	Gibberosus devaneyi	Thomas & J. L. Barnard 1986
6310	Megaluropus longimerus	of authors NEP in part not Schellenberg 1925
6311		(McKinney 1980)
	Gibberosus myersi	· ,
6312	Megaluropus myersi	McKinney 1980
6313	Megaluropus longimerus	of authors NEP in part not Schellenberg 1925
6314	Megaluropidae sp A	SCAMIT 1987 §
6315	Infraorder Lysianassidea	
6316	Superfamily Lysianassoidea	
6317	Family Lysianassidae	
6318	Subfamily Lysianassinae	
6319	Aruga holmesi	J. L. Barnard 1955
6320	Aruga oculata	Holmes 1908
6321	Dissiminassa dissimilis	(Stout 1913)
6322	Nannonyx dissimilis	Stout 1913
6323	Lysianassa dissimilis	of J. L. Barnard 1969
	•	
6324	Lysianopsis (?) dissimilis	of Hurley 1963
6325	Macronassa macromera	(Shoemaker 1916)
6326	Aruga macromera	Shoemaker 1916
6327	Macronassa pariter	(J. L. Barnard 1969)
6328	Lysianassa pariter	J. L. Barnard 1969
6329	Socarnes hartmani	Hurley 1963
6330	Subfamily Tryphosinae	•
6331	Hippomedon coecus	(Holmes 1908)
6332	Tryphosa coeca	Holmes 1908
6333	Hippomedon columbianus	Jarrett & Bousfield 1982
6334	Hippomedon Cotumbianus Hippomedon denticulatus	of J. L. Barnard 1954 in part not (Bate 1857)
	···	• • • •
6335	Hippomedon subrobustus	Hurley 1963
6336	Hippomedon tenax	J. L. Barnard 1966

6337	Hippomedon zetesimus	Hurley 1963
6338	Hippomedon sp A	Diener 1990 §
6339	Lepidepecreum garthi	Hurley 1963
	1 1 0	3
6340	Lepidepecreum gurjanovae	Hurley 1963
6341	Lepidepecreum magdalenensis	(Shoemaker 1942)
6342	Orchomenella magdalenensis	Shoemaker 1942
6343	Lepidepecreum serraculum	Dalkey 1998
6344	Lepidepecreum sp A	SCAMIT 1985 §
6345	Orchomene anaquelus	J. L. Barnard 1964
6346	Orchomene anaquela	J. L. Barnard 1964
6347	Orchomene limodes	Meador & Present 1985
6348	Orchomene obtusa	(G. O. Sars 1891)
6349	Orchomenopsis obtusa	G. O. Sars 1891
6350	Orchomenella decipiens	Hurley 1963
6351	Orchomene decipiens	of authors NEP
6352	Orchomenella holmesi	(Hurley 1963)
6353	Orchomene holmesi	Hurley 1963
6354	Orchomenella pacifica	Gurjanova 1938
6355	Orchomene pacifica	of J. L. Barnard 1964
6356	Orchomene pacificus	of authors NEP
6357	Orchomenella pinguis	(Boeck 1861)
		,
6358	Anonyx pinguis	Boeck 1861
6359	Orchomene pinguis	of authors NEP
6360	Rimakoroga rima	(J. L. Barnard 1964)
6361	Pseudokoroga rima	J. L. Barnard 1964
6362	Family Aristiidae	
6363	Aristias sp A	SCAMIT 1985 §
6364		SCAWIT 1703 g
	Family Opisidae	II 1 1062
6365	Opisa tridentata	Hurley 1963
6366	Family Pachynidae	
6367	Pachychelium sp SD1	Pasko & Nestler 2003 §
6368	Pachynus barnardi	Hurley 1963
6369	Prachynella lodo	J. L. Barnard 1964
6370	Family Uristidae	J. E. Burnara 1701
	<u>.</u>	(1.1. 1000)
6371	Anonyx carinatus	(Holmes 1908)
6372	Lakota carinata	Holmes 1908 in part
6373	Anonyx lilljeborgi	Boeck 1871
6374	Anonyx carinatus	of Hurley 1963
6375	Lakota carinata	Holmes 1908 in part
6376	Schisturella cocula	J. L. Barnard 1966
6377	Schisturella dorotheae	(Hurley 1963)
6378	Anonyx dorotheae	Hurley 1963
6379	Schisturella tracalero	(J. L. Barnard 1966)
6380	Thrombasia tracalero	J. L. Barnard 1966
6381	Uristes entalladurus	J. L. Barnard 1963
6382	family group conicostomatins	v. E. Barnara 1905
6383	· · · · · · · · · · · · · · · · · · ·	Hurlay 1062
	Acidostoma hancocki	Hurley 1963
6384	Ocosingo borlus	J. L. Barnard 1964
6385	Fresnillo fimbriatus	J. L. Barnard 1969
6386	Socarnoides illudens	Hurley 1963
6387	Family Valettiopsidae	•
6388	Valettiopsis dentatus	Holmes 1908
6389	Superfamily Stegocephaloidea	Tionnes 1700
	, , , , ,	
6390	Family Stegocephalidae	
6391	Subfamily Stegocephalinae	
6392	Alania hancocki	(Hurley 1956)
6393	Stegocephalus hancocki	Hurley 1956
6394	infraorder uncertain	,
6395	superfamily uncertain	
	· · ·	
6396	family uncertain	D 1 20010
6397	Gammaridea sp SD1	Pasko 2004 §
6398	Order Isopoda	
6399	Suborder Cymothoida	
6400	Superfamily Cymothooidea	
6401	· · · · · · · · · · · · · · · · · · ·	
	Family Aegidae	(Dona 1952)
6402	Aega lecontii	(Dana 1853)
6403	Aegacylia lecontii	Dana 1853
6404	Rocinela angustata	Richardson 1904
6405	Ricinella angustata	of Richardson[Searle] 1914
6406	Rocinella laticauda	of Richardson 1898 not Hansen 1897
6407	Rocinela belliceps	(Stimpson 1864)
6408	1	
	Aega belliceps	Stimpson 1864

6409	Aoga alaskopsis	Lockington 1877
6410	Aega alaskensis Rocinela alaskensis	of Richardson 1898
6411	Family Corallanidae	of Monardson 1000
6412	Excorallana truncata	(Richardson 1899)
6413	Corallana truncata	Richardson 1899
6414	Excorallana kathae	of Schultz 1969
6415	Excorallana kathyae	Menzies 1962
6416	Family Cymothoidae	
6417	Elthusa californica	(Schiødte & Meinert 1883)
6418	Livoneca californica	Schiødte & Meinert 1883
6419	Lironeca californica	of Schultz 1969
6420	Elthusa vulgaris	(Stimpson 1857)
6421 6422	Livoneca vulgaris	Stimpson 1857
6423	Lironeca vulgaris <i>Enispa convexa</i>	of Schiødte & Meinert 1883-4 (Richardson 1905)
6424	Livoneca convexa	Richardson 1905
6425	Lironeca convexa	of Schultz 1969
6426	Nerocila acuminata	Schiødte & Meinert 1881
6427	Nerocila californica	Schiødte & Meinert 1881
6428	Pterisopodus bartschi	Boone 1918
6429	Family Gnathiidae	
6430	Caecognathia crenulatifrons	(Monod 1926)
6431	Gnathia crenulatifrons	Monod 1926
6432	Caecognathia sanctaecrucis	(Schultz 1972)
6433	Gnathia sanctaecrucis	Schultz 1972
6434	Gnathia hirsuta	of Schultz 1966 not G.O. Sars 1870
6435	Caecognathia sp A	SCAMIT 2005 §
6436 6437	Caecognathia sp SD1	Haney 2005 § Menzies & J. L. Barnard 1959
6438	Gnathia productatridens Gnathia steveni	Menzies & J. L. Barnard 1939 Menzies 1962
6439	Gnathia tridens	Menzies & J. L. Barnard 1959
6440	Gnathia tridens Gnathia trilobata	Schultz 1966
6441	Gnathia sp MBC1	Haney 2005 §
6442	Family Tridentellidae	a sy sas y
6443	Tridentella quinicornis	Delaney & Brusca 1985
6444	Superfamily Bopyroidea	•
6445	Family Bopyridae	
6446	Argeia pugettensis	Dana 1853
6447	Argeia calmani	Bonnier 1900
6448	Argeia depauperata	Richardson 1899
6449	Argeia pauperata	Stimpson 1857
6450 6451	Argeia pingi	Yu 1935 Markham 1975
6452	Munidion pleuroncodis Phyllodurus abdominalis	Stimpson 1857
6453	Pseudione giardi	Calman 1898
6454	Stegophryxus hyphalus	Markham 1974
6455	Superfamily Anthuroidea	17411114111 1771
6456	Family Antheluridae	
6457	Ananthura luna	(Schultz 1966)
6458	Bathura luna	Schultz 1966
6459	Family Anthuridae	
6460	Amakusanthura californiensis	(Schultz 1964)
6461	Apanthura californiensis	Schultz 1964
6462	Cyathura munda	Menzies 1951
6463	Haliophasma geminatum	Menzies & J. L. Barnard 1959
6464	Silophasma geminata	of Schultz 1977
6465 6466	<b>Family Hyssuridae</b> <i>Kupellonura</i> sp A	Wetzer & Brusca 1997
6467	? Anthurid n gen n sp	of Menzies 1962
6468	Hyssuridae gen A sp A	Cadien & Brusca 1993 §
6469	Family Paranthuridae	Oddien a Brasea 1990 g
6470	Califanthura squamosissima	(Menzies 1951)
6471	Colanthura squamosissima	Menzies 1951
6472	Paranthura elegans	Menzies 1951
6473	Superfamily Cirolanoidea	
6474	Family Cirolanidae	
6475	Cirolana diminuta	Menzies 1962
6476	Cirolana harfordi	(Lockington 1877)
6477	Aega harfordi	Lockington 1877
6478	Eurydice caudata	Richardson 1899
6479	Eurydice branchuropus	Menzies & J. L. Barnard 1959
6480	Excirolana chiltoni	(Richardson 1905)

0404	Other contribute	Distriction 4005
6481	Cirolana chiltoni	Richardson 1905
6482	Excirolana japonica	(Richardson 1912)
6483	Excirolana kincaidi	(Hatch 1947)
6484	Excirolana vancouverensis	(Fee 1926)
6485	Excirolana linguifrons	(Richardson 1899)
6486	Cirolana linguifrons	Richardson 1899
6487	Natatolana californiensis	(Schultz 1966)
6488	Cirolana californiensis	Schultz 1966
6489	Metacirolana joannae	(Schultz 1966)
6490	Cirolana joannae	Schultz 1966
6491	Suborder Limnoriidea	
6492	Superfamily Limnorioidea	
6493	Family Limnoriidae	
6494	Limnoria algarum	Menzies 1957
6495	Limnoria (Phycolimnora) algarum	of Kozloff 1986
6496	Limnoria tripunctata	Menzies 1951
6497	Suborder Valvifera	
6498	Family Arcturidae	M : 0 I I D 11050
6499	Idarcturus allelomorphus	Menzies & J. L. Barnard 1959
6500	Idarcturus hedgpethi	Menzies 1951
6501	Neastacilla californica	(Boone 1918)
6502	Astacilla californica	Boone 1918
6503	Family Idoteidae	(D. 1 1 1000)
6504	Cleantioides occidentalis	(Richardson 1899)
6505	Cleantis occidentalis	Richardson 1899
6506	Edotia sublittoralis	Menzies & J. L. Barnard 1959
6507	Edotea sublittoralis	Menzies & J. L. Barnard 1959
6508	Edotia sp B	MEC 1984 §
6509	Edotea sublittoralis	of authors not Menzies & J. L. Barnard 1959 in part
6510	Erichsonella crenulata	Menzies 1950
6511	Idotea aculeata	(Stafford 1913)
6512	Pentidotea aculeata	Stafford 1913
6513	Idotea fewkesi	Richardson 1908
6514	Idotea montereyensis	Maloney 1933
6515	Idotea rufescens	Fee 1927
6516	Idotea urotoma	Stimpson 1864
6517	Pentidotea montereyensis	Maloney 1933
6518	Idotea gracillima	of Richardson 1905 not (Dana 1854)
6519	Idotea montereyensis	of SCAMIT Ed 3
6520 6521	Pentidotea resecata Idotea resecata	(Stimpson 1857)
6522		Stimpson 1857 Schultz 1966
6523	Synidotea calcarea Synidotea harfordi	Benedict 1897
6524	Synidotea magnifica	Menzies & J. L. Barnard 1959
6525	Synidotea media	Iverson 1972
6526 6527	Suborder Sphaeromatidea Superfamily Sphaeromatoidea	
6528	Family Sphaeromatidae	
6529	Discerceis granulosa	(Richardson 1899)
6530	Cilicaea granulosa	Richardson 1899
6531	Dynamenella dilatata	(Richardson 1899)
6532	Dynamene dilatata	Richardson 1899
6533	Dynamenella glabra	(Richardson 1899)
6534	Dynamene glabra	Richardson 1899
6535	Dynamenella sheareri	(Hatch 1947)
6536	Dynamene sheareri	Hatch 1947)
6537	Exosphaeroma amplicauda	(Stimpson 1857)
6538	Sphaeroma amplicauda	Stimpson 1857
6539	Exosphaeroma inornata	Dow 1958
6540	Exosphaeroma media	George & Strömberg 1968
6541	Exosphaeroma rhomburum	(Richardson 1899)
6542	Sphaeroma rhomburum	Richardson 1899
6543	Gnorimosphaeroma oregonense	(Dana 1853)
6544	Sphaeroma oregonensis	Dana 1853
6545	Paracerceis cordata	(Richardson 1899)
6546	Cilicaea cordata	Richardson 1899
6547	Dynamene tuberculosa	Richardson 1899
6548	Paracerceis sculpta	(Holmes 1904)
6549	Cilicaea sculpta	Holmes 1904)
6550	Paracerceis sp A	SCAMIT 1996 §
6551	Paradella dianae	Menzies 1962
6552	Dynamene dianae	(Menzies 1962)
	Synamons dialias	(

6553	Sphaeroma quoyarum	H. Milne Edwards 1840
6554	Family Ancinidae	
6555 6556	Ancinus granulatus Ancinus seticomvus	Holmes & Gay 1909 Trask 1970
6557	Bathycopea daltonae	(Menzies & J. L. Barnard 1959)
6558	Ancinus daltonae	Menzies & J. L. Barnard 1959
6559	Superfamily Seroloidea	
6560 6561	Family Serolidae	(Leglington 1977)
6561 6562	Heteroserolis carinata Serolis carinata	(Lockington 1877) Lockington 1877
6563	Suborder Oniscidea	2001
6564	Superfamily Oniscoidea	
6565	Family Scyphacidae	D 1050
6566 6567	Alloniscus perconvexus  Family Tylidae	Dana 1858
6568	Tylos punctatus	Holmes & Gay 1909
6569	Suborder Asellota	, and the second se
6570	Superfamily Janiroidea	
6571	Family Dendrotionidae	Cabulty 1066
6572 6573	Acanthomunna tannerensis Family Desmosomatidae	Schultz 1966
6574	Momedosa symmetrica	(Schultz 1966)
6575	Desmosoma symmetrica	Schultz 1966
6576	Prochelator sp A	Wilson 1997
6577	Family Janiridae	Codian 1000 s
6578 6579	Caecianiropsis sp LA1 Caecianiropsis sp LA2	Cadien 1999 § Cadien 1999 §
6580	Caecianiropsis psammophila	of SCAMIT Ed 3
6581	Ianiropsis analoga	Menzies 1952
6582	Ianiropsis derjugini	(Gurjanova 1933)
6583	Janiropsis derjugini	Gurjanova 1933
6584 6585	Ianiropsis minuta Ianiropsis montereyensis	Menzies 1952 Menzies 1952
6586	Ianiropsis tridens	Menzies 1952
6587	Janiralata occidentalis	(Walker 1898)
6588	Janira occidentalis	Walker 1898
6589	Janiralata solasteri	(Hatch 1947)
6590	Janira solasteri	Hatch 1947
6591 6592	<i>Janiralata</i> sp A <i>Janiralata</i> sp B	Wilson 1997 Wilson 1997
6593	Janiralata sp D	Wilson 1997
6594	Family Joeropsididae	
6595	Joeropsis concava	Schultz 1966
6596	Joeropsis sp B	Cadien 1982 §
6597 6598	Joeropsis dubia Joeropsis lobata	Menzies 1951 Richardson 1899
6599	Family Microparasellidae	Richardson 1077
6600	Microcharon sp A	Cadien 1999 §
6601	Family Munnidae	
6602	Munna chromatocephala	Menzies 1952
6603 6604	<mark>Munna halei</mark> Munna spinifrons	Menzies 1952 Menzies & J. L. Barnard 1959
6605	Munna stephenseni	Gurjanova 1933
6606	Munna sp A	Wilson 1997
6607	Uromunna ubiquita	(Menzies 1952)
6608	Munna ubiquita	Menzies 1952
6609 6610	Munna minuta  Family Munnopsidae	of Hatch 1947 not Hansen 1916
6611	Belonectes sp A	Wilson 1997
6612	Eurycope californiensis	Schultz 1966
6613	Ilyarachna acarina	Menzies & J. L. Barnard 1959
6614 6615	Ilyarachna profunda	Schultz 1966 Wilson 1997
6615	Munnopsurus sp A	Wilson 1997
6616 6617	Family Paramunnidae Munnogonium tillerae	(Menzies & J. L. Barnard 1959)
6618	Austrosignum tillerae	Menzies & J. L. Barnard 1959
6619	Austrosignum erratum	Schultz 1964
6620	Munnogonium erratum	of George & Strömberg 1968
6621	Munnogonium waldronense	George & Strömberg 1968
6622	Paramunna quadratifrons	Iverson & Wilson 1981
6623 6624	Paramunna sp SD1 Asellota sp SD1	Pasko 2004 § Pasko 2004 §
30 <u>2</u> -	vaciinta ah an i	1 4310 2007 8

6625	Pleurogonium californiense	Menzies 1951
6626	Pleurogonium sp A	Wilson 1997
6627	Order Tanaidacea	
6628	Suborder Apseudomorpha	
6629	Family Apseudidae	
6630	Subfamily Apseudinae	
6631	Carpoapseudes caraspinosus	Dojiri & Sieg 1997
6632	Family Kalliapseudidae	
6633	Subfamily Kalliapseudinae	2.6 : 1052)
6634	Mesokalliapseudes crassus	(Menzies 1953)
6635	Kalliapseudes crassus	Menzies 1953
6636	Family Metapseudidae	
6637	Subfamily Metapseudinae	2.6 : 1052)
6638	Apseudomorpha glebosa	(Menzies 1953)
6639	Imitapseudes glebosus	Menzies 1953
6640	Subfamily Symapseudinae	M 1040
6641	Synapseudes intumescens	Menzies 1949
6642	Family Parapseudidae	(D 1022)
6643	Parapseudes pedispinis	(Boone 1923)
6644	Dalapseudes pedispinis	Boone 1923
6645	Suborder Tanaidomorpha	
6646	Superfamily Paratanaoidea	
6647	Family Leptognathiidae	(Liliahara 1964)
6648	Leptognathia breviremis	(Liljeborg 1864) Liljeborg 1864
6649	Tanais breviremis	Dojiri & Sieg 1997
6650 6651	Paraleptognathia bisetulosa  Family Leptocheliidae	Dojiii & Sieg 1997
6652	Subfamily Leptocheliinae	
6653	Leptochelia dubia Cmplx	
6654	Family Paratanaidae	
6655	Paratanais intermedius	Dojiri & Sieg 1997
6656	Paratanaidae sp A	Paquette 1985 §
6657	Family Tanaellidae	Faquette 1905 g
6658	Araphura breviaria	Dojiri & Sieg 1997
6659	Araphura breviaria  Araphura sp A	SCAMIT 1987 §
6660	Araphura cuspirostris	Dojiri & Sieg 1997
6661	Araphura caspirosiris  Araphura sp B	SCAMIT 1987 §
6662	Araphura sp SD1	Pasko 2006 §
6663	Tanaella propinguus	Dojiri & Sieg 1997
6664	Leptognathia sp B	SCAMIT 1985 §
6665	Tanaella sp A	SCAMIT 1987 §
6666	Family Nototanaidae	30AWIT 1907 9
6667	Typhlotanais crassus	Dojiri & Sieg 1997
6668	Typhlotanais sp A	SCAMIT 1987 § in part
6669	Typhlotanais williamsi	Dojiri & Sieg 1997
6670	Typhlotanais sp A	SCAMIT 1987 § in part
6671	Family Pseudotanaidae	CONTINUE TOOK & III Part
6672	Pseudotanais californiensis	Dojiri & Sieg 1997
6673	Pseudotanais makrothrix	Dojiri & Sieg 1997
6674	family uncertain	Bojiii & Sieg 1997
6675	Anarthruridae sp 1	Dojiri & Sieg 1997
6676	Incertae sedis male sp 1	Dojiri & Sieg 1997
6677	Anarthruridae sp 2	Dojiri & Sieg 1997
6678	Incertae sedis male sp 2	Dojiri & Sieg 1997
6679	Anarthruridae sp 3	Dojiri & Sieg 1997
6680	Incertae sedis male sp 3	Dojiri & Sieg 1997
6681	Chauliopleona dentata	Dojiri & Sieg 1997
6682	Leptognathia sp E	SCAMIT 1985 §
6683	Scoloura phillipsi	Sieg & Dojiri 1991
6684	Leptognathia sp C	SCAMIT 1985 §
6685	Siphonolabrum californiensis	Dojiri & Sieg 1997
6686	Araphura sp C	SCAMIT 1987 §
6687	Tanaopsis cadieni	Sieg & Dojiri 1991
6688	Tanaopsis sp A	SCAMIT 1987 § in part
6689	Superfamily Tanaidoidea	
6690	Family Tanaidae	
6691	Anatanais pseudonormani	Sieg & Winn 1981
6692	Sinelobus stanfordi	(Richardson 1901)
6693	Tanais stanfordi	Richardson 1901
6694	Tanais vanis	Miller 1940
6695	Synaptotanais notabilis	Sieg & Winn 1981
6696	Žeuxo maledivensis	Sieg 1980
		-

6697	Zeuxo normani	(Richardson 1905)
6698	Tanais normani	Richardson 1905
6699	Anatanias normani	of Greve 1974
6700	Zeuxo paranormani	Sieg 1980
6701	Order Cumacea	· ·
6702	Family Bodotriidae	
6703	Cyclaspis nubila	Zimmer 1936
6704	Cyclaspis sp A	SCAMIT 1995 §
6705	Cyclaspis sp B	SCAMIT 1989 §
6706	Cyclaspis sp C	SCAMIT 1986 §
6707	Cyclaspis sp D	Cadien 1996 §
6708	Glyphocuma sp A	SCAMIT 1989 §
6709	Vaunthompsonia sp A	of Iverson 1978 § in part
6710	Vaunthompsonia sp B	of Iverson 1978 § in part
6711	· · · · · · · · · · · · · · · · · · ·	Cadien 1998 §
6712	Glyphocuma sp LA1 Leptocuma forsmani	Zimmer 1943
6713		Zimmer 1943 Zimmer 1943
	Vaunthompsonia pacifica	
6714	Vaunthompsonia sp A	of Iverson 1978 § in part
6715	Vaunthompsonia sp B	of Iverson 1978 § in part
6716	Family Leuconidae	II + 1020
6717	Eudorella pacifica	Hart 1930
6718	Eudorella tridentata	Hart 1930
6719	Eudorellopsis longirostris	Given 1961
6720	Leucon armatus	Given 1961
6721	Leucon bishopi	Bacescu 1988
6722	Epileucon pacifica	of Bishop 1981 not Jones 1968
6723	Epileucon sp A	MBC 1986 §
6724	Leucon sp B	MBC 1982 §
6725	Leucon declivis	Watling & McCann 1997
6726	Leucon sp H	Cadien 1985 §
6727	Leucon falcicosta	Watling & McCann 1997
6728	Leucon sp A	Myers & Benedict 1974 §
6729	Leucon magnadentata	Given 1961
6730	Leucon subnasica	Given 1961
6731	Family Nannastacidae	
6732	Campylaspis biplicata	Watling & McCann 1997
6733	Campylaspis cf. crispa	SCAMIT 1986 §
6734	Campylaspis sp B	of authors NEP in part not SCAMIT 1986 §
6735	Campylaspis blakei	Watling & McCann 1997
6736	Campylaspis sp E	Myers & Benedict 1974 §
6737	Campylaspis canaliculata	Zimmer 1936
6738	Campylaspis bartae	Lie 1969
6739	Campylaspis maculinodulosa	Watling & McCann 1997
6740	Campylaspis sp D	SCAMIT 1988 §
6741	Campylaspis sp D	MBC 1986 §
6742	Campylaspis rubromaculata	Lie 1971
6743	** *	
6744	Campylaspis nodulosa	of Lie 1969 not G. Sars 1887
	Campylaspis papillata	of Lie 1968 not Lomakina 1952
6745	Campylaspis rufa	Hart 1930
6746	Campylaspis sp A	SCAMIT 1995 §
6747	Campylaspis sp Q	MBC 1984 §
6748 6740	Campylaspis sp B	SCAMIT 1986 §
6749	Campylaspis biplicata	of authors NEP in part not Watling & McCann 1997
6750	Campylaspis sp C	Myers & Benedict 1974 §
6751	Cumella californica	Watling & McCann 1997
6752	Cumella sp A	Myers & Benedict 1974 §
6753	Cumella morion	Watling & McCann 1997
6754	Cumella vulgaris	Hart 1930
6755	Cumella sp B	Myers & Benedict 1974 §
6756	Cumella sp E	Phillips 1995 §
6757	Cumella sp HYP1	Roney 2007 §
6758	Elassocumella sp SD1	Nestler 2005 §
6759	Procampylaspis caenosa	Watling & McCann 1997
6760	Procampylaspis sp A	SCAMIT 1995 §
6761	Styloptocuma sp	
6762	Family Lampropidae	
6763	Hemilamprops californicus	Zimmer 1936
6764	Hemilamprops californica	Zimmer 1936
6765	Hemilamprops sp A	MBC 1985 §
6766	Hemilamprops sp B	Paquette 1985 §
6767	Lamprops carinatus	Hart 1930
6768	Lamprops carinata	Hart 1930

6769	Lamprops quadriplicatus	Smith 1879
6770	Lamprops quadriplicata	Smith 1879
6771	Lamprops tomalesi	Gladfelter 1975
6772	Lamprops sp D	MBC 1985 §
6773	Mesolamprops bispinosus	Given 1964
6774 6775	Mesolamprops bispinosa	Given 1964
6776	Family Diastylidae Anchicolurus occidentalis	(Calman 1912)
6777	Colurostylus occidentalis	Calman 1912
6778	Diastylis californica	Zimmer 1936
6779	Diastylis crenellata	Watling & McCann 1997
6780	Diastylis sp A	SCAMIT 1986 §
6781	Diastylis sp D	Phillips 1981 §
6782	Leptostylis sp E	MBC 1983 §
6783	Diastylis newberryi	Gerken 2005
6784	Leptostylis sp B	Given 1970 §
6785	Diastylis pellucida	Hart 1930
6786 6787	<i>Diastylis santamariensis</i> Diastylis sp B	Watling & McCann 1997 Myers & Benedict 1974 §
6788	Diastylis sp B Diastylis sentosa	Watling & McCann 1997
6789	Diastylis settiosa  Diastylis paraspinulosa	of authors NEP not Zimmer 1926
6790	Diastylis sp C	Myers & Benedict 1974 §
6791	Diastylopsis dawsoni	S.I. Smith 1880
6792	Diastylopsis tenuis	Zimmer 1936
6793	Leptostylis abditis	Watling & McCann 1997
6794	Leptostylis villosa	of authors NEP not G. Sars 1869
6795	Leptostylis calva	Watling & McCann 1997
6796	Leptostylis sp A	SCAMIT 1983 § in part
6797	Leptostylis sp D	SCANIT 1983 §
6798	<i>Leptostylis</i> sp C <i>Makrokylindrus</i> sp	SCAMIT 1983 §
6799 6800	Oxyurostylis pacifica	Zimmer 1936
6801	Oxyurostylis tertia	Zimmer 1936 Zimmer 1945
6802	Family Pseudocumatidae	Zimmer 1943
6803	Petalosarsia sp A	Diener 1982 §
6804	Superorder Eucarida	3
6805	Order Decapoda	
6806	Suborder Dendrobranchiata	
6807	Superfamily Penaeoidea	
6808	Family Aristeidae	
6809	Bentheogennema burkenroadi	Krygier & Wasmer 1975
6810 6811	Family Solenoceridae Solenocera mutator	Burkenroad 1938
6812	Family Penaeidae	Burkemoad 1938
6813	•	
	Farianiepenaeus calitorniensis	(Holmes 1900)
6814	Farfantepenaeus californiensis Penaeus californiensis	(Holmes 1900) Holmes 1900
6814 6815	rarjantepenaeus catiforniensis Penaeus californiensis Penaeus brasiliensis	,
	Penaeus californiensis	Holmes 1900
6815	Penaeus californiensis Penaeus brasiliensis	Holmes 1900 Schmitt 1935 in part
6815 6816	Penaeus californiensis Penaeus brasiliensis Penaeus brevirostris	Holmes 1900 Schmitt 1935 in part of authors NEP not Kingsley 1878 Burkenroad 1938
6815 6816 6817 6818 6819	Penaeus californiensis Penaeus brasiliensis Penaeus brevirostris Metapenaeopsis mineri Family Sicyoniidae Sicyonia disedwardsi	Holmes 1900 Schmitt 1935 in part of authors NEP not Kingsley 1878 Burkenroad 1938 (Burkenroad 1934)
6815 6816 6817 6818 6819 6820	Penaeus californiensis Penaeus brasiliensis Penaeus brevirostris Metapenaeopsis mineri Family Sicyoniidae Sicyonia disedwardsi Eusicyonia disedwardsi	Holmes 1900 Schmitt 1935 in part of authors NEP not Kingsley 1878 Burkenroad 1938  (Burkenroad 1934) Burkenroad 1934
6815 6816 6817 6818 6819 6820 6821	Penaeus californiensis Penaeus brasiliensis Penaeus brevirostris Metapenaeopsis mineri Family Sicyoniidae Sicyonia disedwardsi Eusicyonia disedwardsi Sicyonia ingentis	Holmes 1900 Schmitt 1935 in part of authors NEP not Kingsley 1878 Burkenroad 1938  (Burkenroad 1934) Burkenroad 1934 (Burkenroad 1938)
6815 6816 6817 6818 6819 6820 6821 6822	Penaeus californiensis Penaeus brasiliensis Penaeus brevirostris  Metapenaeopsis mineri  Family Sicyoniidae Sicyonia disedwardsi Eusicyonia disedwardsi Sicyonia ingentis Eusicyonia ingentis	Holmes 1900 Schmitt 1935 in part of authors NEP not Kingsley 1878 Burkenroad 1938  (Burkenroad 1934) Burkenroad 1934 (Burkenroad 1938) Burkenroad 1938)
6815 6816 6817 6818 6819 6820 6821 6822 6823	Penaeus californiensis Penaeus brasiliensis Penaeus brevirostris Metapenaeopsis mineri Family Sicyoniidae Sicyonia disedwardsi Eusicyonia disedwardsi Sicyonia ingentis Eusicyonia ingentis Sicyonia penicillata	Holmes 1900 Schmitt 1935 in part of authors NEP not Kingsley 1878 Burkenroad 1938  (Burkenroad 1934) Burkenroad 1934 (Burkenroad 1938)
6815 6816 6817 6818 6819 6820 6821 6822 6823 6824	Penaeus californiensis Penaeus brasiliensis Penaeus brevirostris Metapenaeopsis mineri Family Sicyoniidae Sicyonia disedwardsi Eusicyonia disedwardsi Sicyonia ingentis Eusicyonia ingentis Sicyonia penicillata Superfamily Sergestoidea	Holmes 1900 Schmitt 1935 in part of authors NEP not Kingsley 1878 Burkenroad 1938  (Burkenroad 1934) Burkenroad 1934 (Burkenroad 1938) Burkenroad 1938)
6815 6816 6817 6818 6819 6820 6821 6822 6823 6824 6825	Penaeus californiensis Penaeus brasiliensis Penaeus brevirostris Metapenaeopsis mineri Family Sicyoniidae Sicyonia disedwardsi Eusicyonia ilisedwardsi Sicyonia ingentis Eusicyonia ingentis Sicyonia penicillata Superfamily Sergestoidea Family Sergestidae	Holmes 1900 Schmitt 1935 in part of authors NEP not Kingsley 1878 Burkenroad 1938  (Burkenroad 1934) Burkenroad 1934 (Burkenroad 1938) Burkenroad 1938 Lockington 1879
6815 6816 6817 6818 6819 6820 6821 6822 6823 6824	Penaeus californiensis Penaeus brasiliensis Penaeus brevirostris Metapenaeopsis mineri Family Sicyoniidae Sicyonia disedwardsi Eusicyonia disedwardsi Sicyonia ingentis Eusicyonia ingentis Sicyonia penicillata Superfamily Sergestoidea	Holmes 1900 Schmitt 1935 in part of authors NEP not Kingsley 1878 Burkenroad 1938  (Burkenroad 1934) Burkenroad 1934 (Burkenroad 1938) Burkenroad 1938)
6815 6816 6817 6818 6819 6820 6821 6822 6823 6824 6825 6826	Penaeus californiensis Penaeus brasiliensis Penaeus brevirostris Metapenaeopsis mineri Family Sicyoniidae Sicyonia disedwardsi Eusicyonia disedwardsi Sicyonia ingentis Eusicyonia ingentis Sicyonia penicillata Superfamily Sergestoidea Family Sergestidae Sergestes similis Sergestes atlanticus	Holmes 1900 Schmitt 1935 in part of authors NEP not Kingsley 1878 Burkenroad 1938  (Burkenroad 1934) Burkenroad 1934 (Burkenroad 1938) Burkenroad 1938 Lockington 1879  Hansen 1903
6815 6816 6817 6818 6819 6820 6821 6822 6823 6824 6825 6825 6826 6827 6828 6829	Penaeus californiensis Penaeus brasiliensis Penaeus brevirostris Metapenaeopsis mineri Family Sicyoniidae Sicyonia disedwardsi Eusicyonia disedwardsi Sicyonia ingentis Eusicyonia ingentis Sicyonia penicillata Superfamily Sergestidea Family Sergestidae Sergestes similis Sergestes atlanticus Sergestes (Sergestes) similis Suborder Pleocyemata	Holmes 1900 Schmitt 1935 in part of authors NEP not Kingsley 1878 Burkenroad 1938  (Burkenroad 1934) Burkenroad 1934 (Burkenroad 1938) Burkenroad 1938 Lockington 1879  Hansen 1903 Bate 1888
6815 6816 6817 6818 6819 6820 6821 6822 6823 6824 6825 6826 6827 6828 6829 6830	Penaeus californiensis Penaeus brasiliensis Penaeus brevirostris  Metapenaeopsis mineri Family Sicyonidae Sicyonia disedwardsi Eusicyonia disedwardsi Sicyonia ingentis Eusicyonia ingentis Sicyonia penicillata Superfamily Sergestoidea Family Sergestidae Sergestes similis Sergestes (Sergestes) similis	Holmes 1900 Schmitt 1935 in part of authors NEP not Kingsley 1878 Burkenroad 1938  (Burkenroad 1934) Burkenroad 1934 (Burkenroad 1938) Burkenroad 1938 Lockington 1879  Hansen 1903 Bate 1888
6815 6816 6817 6818 6819 6820 6821 6822 6823 6824 6825 6826 6827 6828 6829 6830 6831	Penaeus californiensis Penaeus brasiliensis Penaeus brevirostris Metapenaeopsis mineri Family Sicyoniidae Sicyonia disedwardsi Eusicyonia disedwardsi Sicyonia ingentis Eusicyonia ingentis Sicyonia penicillata Superfamily Sergestoidea Family Sergestidae Sergestes similis Sergestes (Sergestes) similis Suborder Pleocyemata Infraorder Caridea Superfamily Pasiphaeoidea	Holmes 1900 Schmitt 1935 in part of authors NEP not Kingsley 1878 Burkenroad 1938  (Burkenroad 1934) Burkenroad 1934 (Burkenroad 1938) Burkenroad 1938 Lockington 1879  Hansen 1903 Bate 1888
6815 6816 6817 6818 6819 6820 6821 6822 6823 6824 6825 6826 6827 6828 6829 6830 6831 6832	Penaeus californiensis Penaeus brasiliensis Penaeus brevirostris Metapenaeopsis mineri Family Sicyoniidae Sicyonia disedwardsi Eusicyonia disedwardsi Sicyonia ingentis Eusicyonia ingentis Sicyonia penicillata Superfamily Sergestoidea Family Sergestidae Sergestes similis Sergestes atlanticus Sergestes (Sergestes) similis Suborder Pleocyemata Infraorder Caridea Superfamily Pasiphaeoidea Family Pasiphaeidae	Holmes 1900 Schmitt 1935 in part of authors NEP not Kingsley 1878 Burkenroad 1938  (Burkenroad 1934) Burkenroad 1934 (Burkenroad 1938) Burkenroad 1938 Lockington 1879  Hansen 1903 Bate 1888 Yaldwyn 1957
6815 6816 6817 6818 6819 6820 6821 6822 6823 6824 6825 6826 6827 6828 6829 6830 6831 6832 6833	Penaeus californiensis Penaeus brasiliensis Penaeus brevirostris Metapenaeopsis mineri Family Sicyoniidae Sicyonia disedwardsi Eusicyonia disedwardsi Sicyonia ingentis Eusicyonia ingentis Eusicyonia ingentis Sicyonia penicillata Superfamily Sergestoidea Family Sergestidae Sergestes similis Sergestes atlanticus Sergestes (Sergestes) similis Suborder Pleocyemata Infraorder Caridea Superfamily Pasiphaeoidea Family Pasiphaeidae Pasiphaea pacifica	Holmes 1900 Schmitt 1935 in part of authors NEP not Kingsley 1878 Burkenroad 1938  (Burkenroad 1934) Burkenroad 1934 (Burkenroad 1938) Burkenroad 1938 Lockington 1879  Hansen 1903 Bate 1888 Yaldwyn 1957  Rathbun 1902
6815 6816 6817 6818 6819 6820 6821 6822 6823 6824 6825 6826 6827 6828 6829 6830 6831 6832 6833 6834	Penaeus californiensis Penaeus brasiliensis Penaeus brevirostris Metapenaeopsis mineri Family Sicyoniidae Sicyonia disedwardsi Eusicyonia disedwardsi Sicyonia ingentis Eusicyonia ingentis Sicyonia penicillata Superfamily Sergestoidea Family Sergestidae Sergestes similis Sergestes atlanticus Sergestes (Sergestes) similis Suborder Pleocyemata Infraorder Caridea Superfamily Pasiphaeoidea Family Pasiphaeidae Pasiphaea pacifica Pasiphaea tarda	Holmes 1900 Schmitt 1935 in part of authors NEP not Kingsley 1878 Burkenroad 1938  (Burkenroad 1934) Burkenroad 1934 (Burkenroad 1938) Burkenroad 1938 Lockington 1879  Hansen 1903 Bate 1888 Yaldwyn 1957
6815 6816 6817 6818 6819 6820 6821 6822 6823 6824 6825 6826 6827 6828 6829 6830 6831 6832 6833 6834	Penaeus californiensis Penaeus brasiliensis Penaeus brevirostris  Metapenaeopsis mineri  Family Sicyoniidae  Sicyonia disedwardsi Eusicyonia disedwardsi Sicyonia ingentis Eusicyonia penticillata  Superfamily Sergestoidea Family Sergestidae Sergestes similis Sergestes stanticus Sergestes (Sergestes) similis  Suborder Pleocyemata Infraorder Caridea Superfamily Pasiphaeoidea Family Pasiphaeidae Pasiphaea pacifica Pasiphaea tarda Superfamily Oplophoroidea	Holmes 1900 Schmitt 1935 in part of authors NEP not Kingsley 1878 Burkenroad 1938  (Burkenroad 1934) Burkenroad 1934 (Burkenroad 1938) Burkenroad 1938 Lockington 1879  Hansen 1903 Bate 1888 Yaldwyn 1957  Rathbun 1902
6815 6816 6817 6818 6819 6820 6821 6822 6823 6824 6825 6826 6827 6828 6829 6830 6831 6832 6833 6834 6835 6836	Penaeus californiensis Penaeus brasiliensis Penaeus brevirostris  Metapenaeopsis mineri  Family Sicyoniidae  Sicyonia disedwardsi Eusicyonia disedwardsi Sicyonia ingentis Eusicyonia ingentis Sicyonia penicillata Superfamily Sergestoidea Family Sergestoidea Family Sergestoidea Sergestes similis Sergestes (Sergestes) similis Suborder Pleocyemata Infraorder Caridea Superfamily Pasiphaeoidea Family Pasiphaeidae Pasiphaea pacifica Pasiphaea tarda Superfamily Oplophoroidea Family Oplophoridae	Holmes 1900 Schmitt 1935 in part of authors NEP not Kingsley 1878 Burkenroad 1938  (Burkenroad 1934) Burkenroad 1934 (Burkenroad 1938) Burkenroad 1938 Lockington 1879  Hansen 1903 Bate 1888 Yaldwyn 1957  Rathbun 1902
6815 6816 6817 6818 6819 6820 6821 6822 6823 6824 6825 6826 6827 6828 6829 6830 6831 6832 6833 6834	Penaeus californiensis Penaeus brasiliensis Penaeus brevirostris  Metapenaeopsis mineri  Family Sicyoniidae  Sicyonia disedwardsi Eusicyonia disedwardsi Sicyonia ingentis Eusicyonia ingentis Sicyonia penicillata Superfamily Sergestoidea Family Sergestidae Sergestes similis Sergestes similis Sergestes (Sergestes) similis Suborder Pleocyemata Infraorder Caridea Superfamily Pasiphaeoidea Family Pasiphaeidae Pasiphaea pacifica Pasiphaea tarda Superfamily Oplophoridae unidentified	Holmes 1900 Schmitt 1935 in part of authors NEP not Kingsley 1878 Burkenroad 1938  (Burkenroad 1934) Burkenroad 1934 (Burkenroad 1938) Burkenroad 1938 Lockington 1879  Hansen 1903 Bate 1888 Yaldwyn 1957  Rathbun 1902
6815 6816 6817 6818 6819 6820 6821 6822 6823 6824 6825 6826 6827 6828 6829 6830 6831 6832 6833 6834 6835 6836 6837	Penaeus californiensis Penaeus brasiliensis Penaeus brevirostris  Metapenaeopsis mineri  Family Sicyoniidae  Sicyonia disedwardsi Eusicyonia disedwardsi Sicyonia ingentis Eusicyonia ingentis Sicyonia penicillata Superfamily Sergestoidea Family Sergestoidea Family Sergestoidea Sergestes similis Sergestes (Sergestes) similis Suborder Pleocyemata Infraorder Caridea Superfamily Pasiphaeoidea Family Pasiphaeidae Pasiphaea pacifica Pasiphaea tarda Superfamily Oplophoroidea Family Oplophoridae	Holmes 1900 Schmitt 1935 in part of authors NEP not Kingsley 1878 Burkenroad 1938  (Burkenroad 1934) Burkenroad 1934 (Burkenroad 1938) Burkenroad 1938 Lockington 1879  Hansen 1903 Bate 1888 Yaldwyn 1957  Rathbun 1902
6815 6816 6817 6818 6819 6820 6821 6822 6823 6824 6825 6826 6827 6828 6829 6830 6831 6832 6833 6834 6835 6836 6837 6838	Penaeus californiensis Penaeus brasiliensis Penaeus brevirostris  Metapenaeopsis mineri  Family Sicyoniidae Sicyonia disedwardsi Eusicyonia disedwardsi Sicyonia ingentis Eusicyonia ingentis Sicyonia penicillata Superfamily Sergestoidea Family Sergestidae Sergestes similis Sergestes (Sergestes) similis Suborder Pleocyemata Infraorder Caridea Superfamily Pasiphaeoidea Family Pasiphaeidae Pasiphaea pacifica Pasiphaea tarda Superfamily Oplophoroidea Ifamily Oplophoroidea Unidentified Superfamily Palaemonoidea	Holmes 1900 Schmitt 1935 in part of authors NEP not Kingsley 1878 Burkenroad 1938  (Burkenroad 1934) Burkenroad 1934 (Burkenroad 1938) Burkenroad 1938 Lockington 1879  Hansen 1903 Bate 1888 Yaldwyn 1957  Rathbun 1902

6841	Palaeomonella holmesi	Schmitt 1921
6842	Periclimenes infraspinis	(Rathbun 1902)
6843	Urocaris infraspinis	Rathbun 1902
6844	Pseudocoutierea elegans	Holthuis 1951
6845	Superfamily Alpheoidea	
6846 6847	Family Alpheidae	(Leglington 1977)
6848	Alpheopsis equidactylus Alpheus equidactylus	(Lockington 1877) Lockington 1877
6849	Crangon equidactylus	of Schmitt 1921
6850	Alpheus bellimanus	Lockington 1877
6851	Crangon bellimanus	Schmitt 1921
6852	Alpheus californiensis	Holmes 1900
6853	Crangon californiensis	of Schmitt 1921
6854	Alpheus clamator	Lockington 1877
6855	Alpheus dentipes	Rathbun 1904
6856	Crangon dentipes	of Schmitt 1921
6857 6858	Automate sp A Betaeus ensenadensis	SCAMIT 1995 § Glassell 1938
6859	Betaeus ensenadensis Betaeus harfordi	(Kingsley 1878)
6860	Alpheus harfordi	Kingsley 1878
6861	Alpheus aequalis	of Holmes 1900
6862	Betaeus harrimani	Rathbun 1904
6863	Betaeus longidactylus	Lockington 1877
6864	Alpheus longidactylus	of Holmes 1900
6865	Synalpheus lockingtoni	Coutiére 1909
6866	Family Hippolytidae	
6867	Eualus lineatus	Wicksten & Butler 1983
6868	Eualus herdmani	of authors NEP not (Walker 1898)
6869	Eualus subtilis	Carvacho & Olson 1984
6870 6871	Eualus lineatus	of authors NEP in part (Dana 1852)
6872	Heptacarpus brevirostris Hippolyte brevirostris	(Dana 1832) Dana 1852
6873	Spironotcaris brevirostris	of Rathbun 1904
6874	Heptacarpus carinatus	Holmes 1900
6875	Heptacarpus decorus	(Rathbun 1902)
6876	Spirontocaris decorus	Rathbun 1902
6877	Heptacarpus flexus	(Rathbun 1902)
6878	Spirontocaris flexa	Rathbun 1902
6879	Heptacarpus fuscimaculatus	Wicksten 1986
6880	Heptacarpus palpator	(Owen 1839)
6881	Hippolyte palpator	Owen 1839
6882 6883	Spirontocaris palpator Heptacarpus paludicola	of Rathbun 1904 Holmes 1900
6884	Heptacarpus sitchensis	(Brandt 1851)
6885	Hippolyte sitchensis	Brandt 1851
6886	Heptacarpus pictus	(Stimpson 1871)
6887	Spirontocaris picta	of Rathbun 1904
6888	Heptacarpus stimpsoni	Holthuis 1947
6889	Heptacarpus cristatus	of Holmes 1900
6890	Hippolyte cristata	Stimpson 1880
6891	Spirontocaris cristata	of Walker 1898
6892	Spirontocaris cristatus	of Rathbun 1904
6893	Heptacarpus stylus  Hippolyte stylus	(Stimpson 1864)
6894 6895	Heptacarpus taylori	Stimpson 1864 (Stimpson 1857)
6896	Spirontocaris taylori	Stimpson 1857
6897	Heptacarpus tenuissimus	Holmes 1900
6898	Hippolye amabilis	Lenz 1901
6899	Hippolyte gracilis	Stimpson 1864
6900	Heptacarpus gracilis	of Carlton & Kuris 1975
6901	Spirontocaris gracilis	of Rathbun 1904
6902	Heptacarpus tridens	(Rathbun 1902)
6903	Spirontocaris tridens	Rathbun 1902
6904	Hippolyte californiensis	Holmes 1895
6905	Hippolyte mexicana	Chace 1937
6906	Hippolyte clarki	Chace 1951
6907 6908	Lebbeus lagunae	(Schmitt 1921) Schmitt 1921
6909	Spirontocaris lagunae Lysmata californica	(Stimpson 1866)
6910	Hippolysmata californica	Stimpson 1866
6911	Hippolye lineata	Lockington 1877
6912	Spirontocaris dalli	Rathbun 1902
	<u>•</u>	

6913	Spirontocaris holmesi	Holthuis 1947
6914	Spirontocaris bispinosa	Holmes 1900
6915	Hippolyte bispinosus	of Williamson 1915
6916	Spirontocaris lamellicornis	(Dana 1852)
6917	Hippolyte lamellicornis	Dana 1852
6918	Spirontocaris prionota	(Stimpson 1864)
6919	<u>.</u> .	
	Hippolyte prionota	Stimpson 1864
6920	Spirontocaris macrodonta	Hart 1930
6921	Spirontocaris sica	Rathbun 1902
6922	Spirontocaris snyderi	Rathbun 1902
6923	Spirontocaris truncata	Rathbun 1902
6924	Family Ogyrididae	100111702
	• ••	D 1070 e
6925	Ogyrides sp A	Roney 1978 §
6926	Superfamily Processoidea	
6927	Family Processidae	
6928	Ambidexter panamensis	Abele 1972
6929	Processa peruviana	Wicksten 1983
	*	Wickstell 1703
6930	Superfamily Pandaloidea	
6931	Family Pandalidae	
6932	Pandalopsis ampla	Bate 1888
6933	Pandalus danae	Stimpson 1857
6934	Pandalus franciscorum	Kingsley 1878
6935	Pandalus gurneyi	Stimpson 1871
6936	Pandalus jordani	Rathbun 1902
6937	Pandalus platyceros	Brandt 1851
6938	Pandalus pubescentulus	Dana 1852
6939	Pandalus tridens	Rathbun 1902
6940	Pandalus montagui	of Rathbun 1899 not Leach 1814
6941	Pandalus montagui tridens	of Rathbun 1902
6942	Pantomus affinis	Chace 1937
6943	Plesionika beebei	Chace 1937
6944	Plesionika carinirostris	Hendrickx 1990
6945	Plesionika trispinus	Squires & Barragán 1976
6946	Superfamily Crangonoidea	
6947	Family Crangonidae	
6948	Crangon alaskensis	Lockington 1877
6949	Crago alaskensis	of Carlisle 1969
6950	•	
	Crangon alaskensis elongata	Rathbun 1902
6951	Crangon crangon affinis	of Ortman 1895 in part
6952	Crangon nigricauda	of Holmes 1900 not Stimpson 1856
6953	Crangon vulgaris	of Kingsley 1899 in part
6954	Crangon alba	Holmes 1900
6955	Crago alba	Schmitt 1921
	· · · · · · · · · · · · · · · · · · ·	
6956	Crangon handi	Kuris & Carlton 1977
6957	Crangon holmesi	Rathbun 1902
6958	Crago holmesi	of Schmitt 1921
6959	Crangon nigricauda	Stimpson 1856
6960	Crago nigricauda	of Schmitt 1921
6961	Crangon nigromaculata	Lockington 1877
6962	Crago nigromaculata	of Schmitt 1921
6963	Mesocrangon munitella	(Walker 1898)
6964	Crangon munitellus	Walker 1898
6965	Crago munitella	of Schmitt 1921
6966	Crangon munitella	Rathbun 1904
6967	Metacrangon spinosissima	(Rathbun 1902)
6968	Crangon spinosissima	Rathbun 1902
6969	Crago spinosissima	of Schmitt 1921
6970	Neocrangon communis	(Rathbun 1899)
6971	Crangon communis	Rathbun 1899
	· · · · · · · · · · · · · · · · · · ·	
6972	Crago communis	of Schmitt 1921
6973	Neocrangon resima	(Rathbun 1902)
6974	Crangon resima	Rathbun 1902
6975	Crago resima	of Schmitt 1921
6976	Crangon communis	of Rathbun 1904 in part not Rathbun 1899
		·
6977	Neocrangon zacae	(Chace 1937)
6978	Crago zacae	Chace 1937
6979	Crangon zacae	of Word & Charwat 1976
6980	Rhynocrangon alata	(Rathbun 1902)
6981	Sclerocrangon alata	Rathbun 1902
	· · · · · · · · · · · · · · · · · · ·	Natibuli 1902
6982	Infraorder <mark>Axiidea</mark>	
	Family Calling and dec	
6983	Family Callianassidae	GT 1 1000
6983	Family Callianassidae Neotrypaea affinis	(Holmes 1900)

6985	Callianassa affinis	Holmes 1900
6986	Neotrypaea biffari	Holthuis 1991
6987	Neotrypaea californiensis	(Dana 1854)
6988	Callianassa californiensis	Dana 1854
6989	Neotrypaea gigas	(Dana 1852)
6990	Callianassa gigas	Dana 1852) Dana 1852
6991	Callianassa gigas Callianassa longimana	
6992	· · · · · · · · · · · · · · · · · · ·	Stimpson 1857
	Family Ctenochelidae	(Dathbur 1002)
6993	Callianopsis goniophthalma	(Rathbun 1902)
6994	Callianassa goniophthalma	Rathbun 1902
6995	Family Axiidae	(D. (LL 1002)
6996	Calocarides quinqueseriatus	(Rathbun 1902)
6997	Calastacus quinqueseriatus	Rathbun 1902
6998	Calastacus rostriserratus	Andrade & Baez 1977
6999	Calocaris (Calastacus) quinqueseriatus	of Hart 1982
7000	Calocarides spinulicauda	(Rathbun 1902)
7001	Axius spinulicauda	Rathbun 1902
7002	Axius (Paraxius) spinulicauda	of Borradaile 1903
7003	Acanthaxius spinulicaudus	of Sakai & de Saint Laurent 1992
7004	Axiopsis spinulicauda	of Schmitt 1921
7005	Axiopsis (Axiopsis) spinulicauda	of de Man 1925
7006	Calocarides sp	Martin & Zimmerman 1997
7007	Infraorder Gebiidea	
7008	Family Laomediidae	
7009	Naushonia macginitiei	(Glassell 1938)
7010	Hormoriscus macginitiei	Glassell 1938
7011	Family Upogebiidae	
7012	Upogebia lepta	Williams 1986
7013	Upogebia pugettensis	of authors NEP in part not (Dana 1852)
7014	Upogebia macginitieorum	Williams 1986
7015	Upogebia pugettensis	of authors NEP in part not (Dana 1852)
7016	Infraorder Achelata	
7017	Superfamily Palinuroidea	
7018	Family Palinuridae	
7019	Panulirus interruptus	Randall 1839
7020	Infraorder Polychelida	
7021	Family Polychelidae	
7022	unidentified	
7023	Infraorder Anomura	
7024	Superfamily Paguroidea	
7025	Family Diogenidae	
7026	Isocheles pilosus	(Holmes 1900)
7027	Holopagurus pilosus	Holmes 1900
7028	Paguristes bakeri	
7029		
1020	e e e e e e e e e e e e e e e e e e e	Holmes 1900
7030	Paguristes parvus	Holmes 1900 Holmes 1900
7030 7031	Paguristes parvus Paguristes turgidus	Holmes 1900 Holmes 1900 (Stimpson 1857)
7031	Paguristes parvus Paguristes turgidus Clibanarius turgidus	Holmes 1900 Holmes 1900 (Stimpson 1857) Stimpson 1857
7031 7032	Paguristes parvus Paguristes turgidus Clibanarius turgidus Eupagurus turgidus	Holmes 1900 Holmes 1900 (Stimpson 1857) Stimpson 1857 of Stimpson 1859
7031 7032 7033	Paguristes parvus Paguristes turgidus Clibanarius turgidus Eupagurus turgidus Paguristes ulreyi	Holmes 1900 Holmes 1900 (Stimpson 1857) Stimpson 1857 of Stimpson 1859 Schmitt 1921
7031 7032 7033 7034	Paguristes parvus Paguristes turgidus Clibanarius turgidus Eupagurus turgidus Paguristes ulreyi Paguristes occator	Holmes 1900 Holmes 1900 (Stimpson 1857) Stimpson 1857 of Stimpson 1859
7031 7032 7033 7034 7035	Paguristes parvus Paguristes turgidus Clibanarius turgidus Eupagurus turgidus Paguristes ulreyi Paguristes occator Family Paguridae	Holmes 1900 Holmes 1900 (Stimpson 1857) Stimpson 1857 of Stimpson 1859 Schmitt 1921 Glassell 1937
7031 7032 7033 7034 7035 7036	Paguristes parvus Paguristes turgidus Clibanarius turgidus Eupagurus turgidus Paguristes ulreyi Paguristes occator Family Paguridae Discorsopagurus schmitti	Holmes 1900 Holmes 1900 (Stimpson 1857) Stimpson 1857 of Stimpson 1859 Schmitt 1921 Glassell 1937 (Stevens 1925)
7031 7032 7033 7034 7035 7036 7037	Paguristes parvus Paguristes turgidus Clibanarius turgidus Eupagurus turgidus Paguristes ulreyi Paguristes occator Family Paguridae Discorsopagurus schmitti Pylopagurus schmitti	Holmes 1900 Holmes 1900 (Stimpson 1857) Stimpson 1857 of Stimpson 1859 Schmitt 1921 Glassell 1937 (Stevens 1925) Stevens 1925
7031 7032 7033 7034 7035 7036 7037 7038	Paguristes parvus Paguristes turgidus Clibanarius turgidus Eupagurus turgidus Paguristes ulreyi Paguristes occator Family Paguridae Discorsopagurus schmitti Pylopagurus schmitti Orthopagurus schmitti	Holmes 1900 Holmes 1900 (Stimpson 1857) Stimpson 1857 of Stimpson 1859 Schmitt 1921 Glassell 1937 (Stevens 1925) Stevens 1925 of Stevens 1927
7031 7032 7033 7034 7035 7036 7037 7038 7039	Paguristes parvus Paguristes turgidus Clibanarius turgidus Eupagurus turgidus Paguristes ulreyi Paguristes occator Family Paguridae Discorsopagurus schmitti Pylopagurus schmitti Orthopagurus schmitti Phylopagurus schmitti	Holmes 1900 Holmes 1900 (Stimpson 1857) Stimpson 1857 of Stimpson 1859 Schmitt 1921 Glassell 1937 (Stevens 1925) Stevens 1925 of Stevens 1927 of Hart 1930
7031 7032 7033 7034 7035 7036 7037 7038 7039 7040	Paguristes parvus Paguristes turgidus Clibanarius turgidus Eupagurus turgidus Paguristes ulreyi Paguristes occator Family Paguridae Discorsopagurus schmitti Pylopagurus schmitti Orthopagurus schmitti Phylopagurus schmitti Enallopaguropsis guatemoci	Holmes 1900 Holmes 1900 (Stimpson 1857) Stimpson 1857 of Stimpson 1859 Schmitt 1921 Glassell 1937 (Stevens 1925) Stevens 1925 of Stevens 1927 of Hart 1930 (Glassell 1937)
7031 7032 7033 7034 7035 7036 7037 7038 7039 7040 7041	Paguristes parvus Paguristes turgidus Clibanarius turgidus Eupagurus turgidus Paguristes ulreyi Paguristes occator Family Paguridae Discorsopagurus schmitti Pylopagurus schmitti Orthopagurus schmitti Phylopagurus schmitti Enallopaguropsis guatemoci Pylopagurus guatemoci	Holmes 1900 Holmes 1900 (Stimpson 1857) Stimpson 1857 of Stimpson 1859 Schmitt 1921 Glassell 1937 (Stevens 1925) Stevens 1925 of Stevens 1927 of Hart 1930 (Glassell 1937) Glassell 1937
7031 7032 7033 7034 7035 7036 7037 7038 7039 7040 7041 7042	Paguristes parvus Paguristes turgidus Clibanarius turgidus Eupagurus turgidus Paguristes ulreyi Paguristes occator Family Paguridae Discorsopagurus schmitti Pylopagurus schmitti Orthopagurus schmitti Phylopagurus schmitti Enallopaguropsis guatemoci Pylopagurus guatemoci Enallopaguropsis hancocki	Holmes 1900 Holmes 1900 (Stimpson 1857) Stimpson 1857 of Stimpson 1859 Schmitt 1921 Glassell 1937  (Stevens 1925) Stevens 1925 of Stevens 1927 of Hart 1930 (Glassell 1937) Glassell 1937 of McLaughlin 1982
7031 7032 7033 7034 7035 7036 7037 7038 7039 7040 7041 7042 7043	Paguristes parvus Paguristes turgidus Clibanarius turgidus Eupagurus turgidus Paguristes ulreyi Paguristes occator Family Paguridae Discorsopagurus schmitti Pylopagurus schmitti Orthopagurus schmitti Phylopagurus schmitti Enallopaguropsis guatemoci Pylopagurus guatemoci Enallopaguropsis hancocki	Holmes 1900 Holmes 1900 (Stimpson 1857) Stimpson 1857 of Stimpson 1859 Schmitt 1921 Glassell 1937 (Stevens 1925) Stevens 1925 of Stevens 1927 of Hart 1930 (Glassell 1937) Glassell 1937 of McLaughlin 1982 Walton 1954
7031 7032 7033 7034 7035 7036 7037 7038 7039 7040 7041 7042 7043 7044	Paguristes parvus Paguristes turgidus Clibanarius turgidus Eupagurus turgidus Paguristes ulreyi Paguristes occator Family Paguridae Discorsopagurus schmitti Pylopagurus schmitti Orthopagurus schmitti Phylopagurus schmitti Enallopaguropsis guatemoci Pylopagurus guatemoci Enallopaguropsis hancocki Pylopagurus hancocki Haigia diegensis	Holmes 1900 Holmes 1900 (Stimpson 1857) Stimpson 1857 of Stimpson 1859 Schmitt 1921 Glassell 1937 (Stevens 1925) Stevens 1925 of Stevens 1927 of Hart 1930 (Glassell 1937) Glassell 1937 of McLaughlin 1982 Walton 1954 (Scanland & Hopkins 1969)
7031 7032 7033 7034 7035 7036 7037 7038 7039 7040 7041 7042 7043 7044 7045	Paguristes parvus Paguristes turgidus Clibanarius turgidus Eupagurus turgidus Paguristes ulreyi Paguristes occator Family Paguridae Discorsopagurus schmitti Pylopagurus schmitti Orthopagurus schmitti Phylopagurus schmitti Enallopaguropsis guatemoci Pylopagurus guatemoci Enallopaguropsis hancocki Pylopagurus hancocki Haigia diegensis Pylopagurus diegensis	Holmes 1900 Holmes 1900 (Stimpson 1857) Stimpson 1857 of Stimpson 1859 Schmitt 1921 Glassell 1937 (Stevens 1925) Stevens 1925 of Stevens 1927 of Hart 1930 (Glassell 1937) Glassell 1937 of McLaughlin 1982 Walton 1954 (Scanland & Hopkins 1969) Scanland & Hopkins 1969
7031 7032 7033 7034 7035 7036 7037 7038 7039 7040 7041 7042 7043 7044 7045 7046	Paguristes parvus Paguristes turgidus Clibanarius turgidus Eupagurus turgidus Paguristes ulreyi Paguristes occator Family Paguridae Discorsopagurus schmitti Pylopagurus schmitti Orthopagurus schmitti Phylopagurus schmitti Enallopaguropsis guatemoci Pylopagurus guatemoci Enallopaguropsis hancocki Pylopagurus hancocki Haigia diegensis Pylopagurus diegensis Orthopagurus minimus	Holmes 1900 Holmes 1900 (Stimpson 1857) Stimpson 1857 of Stimpson 1859 Schmitt 1921 Glassell 1937 (Stevens 1925) Stevens 1925 of Stevens 1927 of Hart 1930 (Glassell 1937) Glassell 1937 of McLaughlin 1982 Walton 1954 (Scanland & Hopkins 1969) Scanland & Hopkins 1969 (Holmes 1900)
7031 7032 7033 7034 7035 7036 7037 7038 7039 7040 7041 7042 7043 7044 7045 7046 7047	Paguristes parvus Paguristes turgidus Clibanarius turgidus Eupagurus turgidus Paguristes ulreyi Paguristes occator Family Paguridae Discorsopagurus schmitti Pylopagurus schmitti Orthopagurus schmitti Phylopagurus schmitti Enallopaguropsis guatemoci Pylopagurus guatemoci Enallopaguropsis hancocki Pylopagurus hancocki Haigia diegensis Pylopagurus diegensis Orthopagurus minimus Pagurus (Trigonocheirus) minimus	Holmes 1900 Holmes 1900 (Stimpson 1857) Stimpson 1857 of Stimpson 1859 Schmitt 1921 Glassell 1937  (Stevens 1925) Stevens 1925 of Stevens 1927 of Hart 1930 (Glassell 1937) Glassell 1937 of McLaughlin 1982 Walton 1954 (Scanland & Hopkins 1969) Scanland & Hopkins 1969 (Holmes 1900) Holmes 1900
7031 7032 7033 7034 7035 7036 7037 7038 7039 7040 7041 7042 7043 7044 7045 7046 7047 7048	Paguristes parvus Paguristes turgidus Clibanarius turgidus Eupagurus turgidus Paguristes ulreyi Paguristes occator Family Paguridae Discorsopagurus schmitti Pylopagurus schmitti Orthopagurus schmitti Phylopagurus schmitti Enallopaguropsis guatemoci Pylopagurus guatemoci Enallopaguropsis hancocki Pylopagurus hancocki Haigia diegensis Pylopagurus diegensis Orthopagurus minimus Pagurus (Trigonocheirus) minimus Parapagurus minimus	Holmes 1900 Holmes 1900 (Stimpson 1857) Stimpson 1857 of Stimpson 1859 Schmitt 1921 Glassell 1937  (Stevens 1925) Stevens 1925 of Stevens 1927 of Hart 1930 (Glassell 1937) Glassell 1937 of McLaughlin 1982 Walton 1954 (Scanland & Hopkins 1969) Scanland & Hopkins 1969 (Holmes 1900) Holmes 1900 of Hilton 1918
7031 7032 7033 7034 7035 7036 7037 7038 7039 7040 7041 7042 7043 7044 7045 7046 7047 7048 7049	Paguristes parvus Paguristes turgidus Clibanarius turgidus Eupagurus turgidus Paguristes ulreyi Paguristes occator Family Paguridae Discorsopagurus schmitti Pylopagurus schmitti Orthopagurus schmitti Phylopagurus schmitti Enallopaguropsis guatemoci Pylopagurus guatemoci Enallopaguropsis hancocki Pylopagurus hancocki Haigia diegensis Pylopagurus diegensis Orthopagurus minimus Pagurus (Trigonocheirus) minimus Parapagurus minimus Pylopagurus minimus Pylopagurus minimus	Holmes 1900 Holmes 1900 (Stimpson 1857) Stimpson 1857 of Stimpson 1859 Schmitt 1921 Glassell 1937  (Stevens 1925) Stevens 1925 of Stevens 1927 of Hart 1930 (Glassell 1937) Glassell 1937 of McLaughlin 1982 Walton 1954 (Scanland & Hopkins 1969) Scanland & Hopkins 1969 (Holmes 1900) Holmes 1900 of Hilton 1918 of Schmitt 1921
7031 7032 7033 7034 7035 7036 7037 7038 7039 7040 7041 7042 7043 7044 7045 7046 7047 7048 7049 7050	Paguristes parvus Paguristes turgidus Clibanarius turgidus Eupagurus turgidus Paguristes ulreyi Paguristes occator Family Paguridae Discorsopagurus schmitti Pylopagurus schmitti Orthopagurus schmitti Phylopagurus schmitti Enallopaguropsis guatemoci Pylopagurus guatemoci Enallopaguropsis hancocki Pylopagurus hancocki Haigia diegensis Pylopagurus minimus Pagurus (Trigonocheirus) minimus Parapagurus minimus Pagurus armatus	Holmes 1900 Holmes 1900 (Stimpson 1857) Stimpson 1857 of Stimpson 1859 Schmitt 1921 Glassell 1937  (Stevens 1925) Stevens 1925 of Stevens 1927 of Hart 1930 (Glassell 1937) Glassell 1937 of McLaughlin 1982 Walton 1954 (Scanland & Hopkins 1969) Scanland & Hopkins 1969 (Holmes 1900) Holmes 1900 of Hilton 1918 of Schmitt 1921 (Dana 1851)
7031 7032 7033 7034 7035 7036 7037 7038 7040 7041 7042 7043 7044 7045 7046 7047 7048 7049 7050 7051	Paguristes parvus Paguristes turgidus Clibanarius turgidus Eupagurus turgidus Paguristes ulreyi Paguristes occator Family Paguridae Discorsopagurus schmitti Pylopagurus schmitti Orthopagurus schmitti Phylopagurus schmitti Enallopaguropsis guatemoci Pylopagurus guatemoci Enallopaguropsis hancocki Pylopagurus hancocki Haigia diegensis Pylopagurus diegensis Orthopagurus minimus Pagurus (Trigonocheirus) minimus Parapagurus minimus Pagurus armatus Bernhardus armatus	Holmes 1900 Holmes 1900 (Stimpson 1857) Stimpson 1857 of Stimpson 1859 Schmitt 1921 Glassell 1937  (Stevens 1925) Stevens 1925 of Stevens 1927 of Hart 1930 (Glassell 1937) Glassell 1937 of McLaughlin 1982 Walton 1954 (Scanland & Hopkins 1969) Scanland & Hopkins 1969 (Holmes 1900) Holmes 1900 of Hilton 1918 of Schmitt 1921 (Dana 1851) Dana 1851
7031 7032 7033 7034 7035 7036 7037 7038 7040 7041 7042 7043 7044 7045 7046 7047 7048 7049 7050 7051 7052	Paguristes parvus Paguristes turgidus Clibanarius turgidus Eupagurus turgidus Paguristes ulreyi Paguristes occator Family Paguridae Discorsopagurus schmitti Pylopagurus schmitti Orthopagurus schmitti Phylopagurus schmitti Enallopaguropsis guatemoci Pylopagurus guatemoci Enallopaguropsis hancocki Pylopagurus hancocki Haigia diegensis Pylopagurus minimus Pagurus (Trigonocheirus) minimus Parapagurus minimus Pagurus armatus	Holmes 1900 Holmes 1900 (Stimpson 1857) Stimpson 1857 of Stimpson 1859 Schmitt 1921 Glassell 1937  (Stevens 1925) Stevens 1925 of Stevens 1927 of Hart 1930 (Glassell 1937) Glassell 1937 of McLaughlin 1982 Walton 1954 (Scanland & Hopkins 1969) Scanland & Hopkins 1969 (Holmes 1900) Holmes 1900 of Hilton 1918 of Schmitt 1921 (Dana 1851) Dana 1851 Harrington & Griffin 1897
7031 7032 7033 7034 7035 7036 7037 7038 7039 7040 7041 7042 7043 7044 7045 7046 7047 7048 7049 7050 7051 7052 7053	Paguristes parvus Paguristes turgidus Clibanarius turgidus Eupagurus turgidus Paguristes ulreyi Paguristes occator Family Paguridae Discorsopagurus schmitti Pylopagurus schmitti Orthopagurus schmitti Phylopagurus schmitti Enallopaguropsis guatemoci Pylopagurus guatemoci Enallopaguropsis hancocki Pylopagurus hancocki Haigia diegensis Pylopagurus diegensis Orthopagurus minimus Pagurus (Trigonocheirus) minimus Parapagurus minimus Pagurus armatus Bernhardus armatus Eupagurus alaskensis Eupagurus alaskensis Eupagurus armatus	Holmes 1900 Holmes 1900 (Stimpson 1857) Stimpson 1857 of Stimpson 1859 Schmitt 1921 Glassell 1937  (Stevens 1925) Stevens 1925 of Stevens 1927 of Hart 1930 (Glassell 1937) Glassell 1937) Glassell 1937 of McLaughlin 1982 Walton 1954 (Scanland & Hopkins 1969) Scanland & Hopkins 1969 (Holmes 1900) Holmes 1900 of Hilton 1918 of Schmitt 1921 (Dana 1851) Dana 1851 Harrington & Griffin 1897 of Stimpson 1857
7031 7032 7033 7034 7035 7036 7037 7038 7039 7040 7041 7042 7043 7044 7045 7046 7047 7048 7050 7051 7052 7053 7054	Paguristes parvus Paguristes turgidus Clibanarius turgidus Eupagurus turgidus Paguristes ulreyi Paguristes occator Family Paguridae Discorsopagurus schmitti Pylopagurus schmitti Orthopagurus schmitti Phylopagurus schmitti Enallopaguropsis guatemoci Pylopagurus guatemoci Enallopaguropsis hancocki Pylopagurus hancocki Haigia diegensis Pylopagurus diegensis Orthopagurus minimus Pagurus (Trigonocheirus) minimus Parapagurus minimus Pagurus armatus Eupagurus alaskensis Eupagurus alaskensis Eupagurus armatus Pagurus armatus Pagurus armatus Pagurus armatus Pagurus armatus Pagurus armatus	Holmes 1900 Holmes 1900 (Stimpson 1857) Stimpson 1857 of Stimpson 1859 Schmitt 1921 Glassell 1937  (Stevens 1925) Stevens 1925 of Stevens 1927 of Hart 1930 (Glassell 1937) Glassell 1937 of McLaughlin 1982 Walton 1954 (Scanland & Hopkins 1969) Scanland & Hopkins 1969 (Holmes 1900) Holmes 1900 of Hilton 1918 of Schmitt 1921 (Dana 1851) Dana 1851 Harrington & Griffin 1897 of Stimpson 1857 of authors not Brandt 1851
7031 7032 7033 7034 7035 7036 7037 7038 7039 7040 7041 7042 7043 7044 7045 7046 7047 7048 7049 7050 7051 7052 7053 7054 7055	Paguristes parvus Paguristes turgidus Clibanarius turgidus Eupagurus turgidus Paguristes ulreyi Paguristes occator Family Paguridae Discorsopagurus schmitti Pylopagurus schmitti Orthopagurus schmitti Phylopagurus schmitti Enallopaguropsis guatemoci Pylopagurus guatemoci Enallopaguropsis hancocki Pylopagurus hancocki Haigia diegensis Pylopagurus diegensis Orthopagurus minimus Pagurus (Trigonocheirus) minimus Parapagurus minimus Pagurus armatus Eupagurus alaskensis Eupagurus alaskensis Eupagurus armatus Pagurus ochotensis Pagurus beringanus	Holmes 1900 Holmes 1900 (Stimpson 1857) Stimpson 1857 of Stimpson 1859 Schmitt 1921 Glassell 1937  (Stevens 1925) Stevens 1925 of Stevens 1927 of Hart 1930 (Glassell 1937) Glassell 1937 of McLaughlin 1982 Walton 1954 (Scanland & Hopkins 1969) Scanland & Hopkins 1969 (Holmes 1900) Holmes 1900 of Hilton 1918 of Schmitt 1921 (Dana 1851) Dana 1851 Harrington & Griffin 1897 of Stimpson 1857 of authors not Brandt 1851 (Benedict 1892)
7031 7032 7033 7034 7035 7036 7037 7038 7039 7040 7041 7042 7043 7044 7045 7046 7047 7048 7050 7051 7052 7053 7054	Paguristes parvus Paguristes turgidus Clibanarius turgidus Eupagurus turgidus Paguristes ulreyi Paguristes occator Family Paguridae Discorsopagurus schmitti Pylopagurus schmitti Orthopagurus schmitti Phylopagurus schmitti Enallopaguropsis guatemoci Pylopagurus guatemoci Enallopaguropsis hancocki Pylopagurus hancocki Haigia diegensis Pylopagurus diegensis Orthopagurus minimus Pagurus (Trigonocheirus) minimus Parapagurus minimus Pagurus armatus Eupagurus alaskensis Eupagurus alaskensis Eupagurus armatus Pagurus armatus Pagurus armatus Pagurus armatus Pagurus armatus Pagurus armatus	Holmes 1900 Holmes 1900 (Stimpson 1857) Stimpson 1857 of Stimpson 1859 Schmitt 1921 Glassell 1937  (Stevens 1925) Stevens 1925 of Stevens 1927 of Hart 1930 (Glassell 1937) Glassell 1937 of McLaughlin 1982 Walton 1954 (Scanland & Hopkins 1969) Scanland & Hopkins 1969 (Holmes 1900) Holmes 1900 of Hilton 1918 of Schmitt 1921 (Dana 1851) Dana 1851 Harrington & Griffin 1897 of Stimpson 1857 of authors not Brandt 1851

7057	Eupagurus (Trigonocheirus) newcombei	Benedict 1892
7058	Pagurus granosimanus	(Stimpson 1859)
7059	Eupagurus granosimanus	Stimpson 1859
7060	Pagurus (Trigonocheirus) granosimanus	of Holmes 1900
7061	Pagurus hartae	(McLaughlin & Jensen 1996)
7062	Parapagurodes hartae	McLaughlin & Jensen 1996
7063	Pagurus quaylei	Hart 1971
7064	Pagurus redondoensis	Wicksten 1982
7065	Pagurus sp 3	Haig 1977 §
7066	Pagurus retrorsimanus	Wicksten & McLaughlin 1998
7067	Pagurus sp 2	Haig 1977 §
7068	Pagurus samuelis	(Stimpson 1857)
7069	Eupagurus samuelis	Stimpson 1857
7070	Pagurus (Trigonocheirus) samuelis	of Holmes 1900
7071	Pagurus spilocarpus	Haig 1977
7072	Pagurus sp 1	Haig 1977 §
7073	Pagurus tanneri	(Benedict 1892)
7074	Eupagurus (Trigonochirus) tanneri	Benedict 1892
7075	Pagurus (Trigonocheirus) tanneri	of Holmes 1900
7076	Pagurus sp 4	Hart 1982
7077	Parapagurodes laurentae	McLaughlin & Haig 1973
7078	Parapagurodes makarovi	McLaughlin & Haig 1973
7079	Eupagurus mertensi	of Benedict 1892
7080	Phimochirus californiensis	(Benedict 1892)
7081	Eupagurus californiensis	Benedict 1892
7082	Pagurus californiensis	of Holmes 1900
7083	Pylopagurus californiensis	of authores NEP
7084		Schmitt 1921
	Pylopagurus holmesi	
7085	Pylopagurus longicarpus	Walton 1954
7086	Family Parapaguridae	
7087	Parapagurus benedicti	de Saint Laurent 1972
7088	Sympagurus haigae	(de Saint Laurent 1972)
7089	Parapagurus haigae	de Saint Laurent 1972
7090	Superfamily Galatheoidea	
7091	Family Galatheidae	
7092	Janetogalathea californiensis	(Benedict 1902)
7093	Galathea californiensis	Benedict 1902
		Beriedict 1902
7094	Family Munididae	D 11 1 1000
7095	Munida hispida	Benedict 1902
7096	Munida quadrispina	Benedict 1902
7097	Pleuroncodes planipes	Stimpson 1860
7098	Family Munopsidae	
7099	Munidopsis depressa	Faxon 1853
7100	Family Porcellanidae	
7101	Pachycheles holosericus	Schmitt 1921
7102	Pachycheles pubescens	Holmes 1900
7102	Pachycheles rudis	
		Stimpson 1859
7104	Petrolisthes cinctipes	(Randall 1839)
7105	Porcellana cinctipes	Randall 1839
7106	Petrolisthes rupicolus	of Stimpson 1858
7107	Porcellana rupicola	Stimpson 1857
7108	Petrolisthes manimaculis	Glassell 1945
7109	Polyonyx quadriungulatus	Glassell 1935
7110	Superfamily Lithodoidea	-
7111	Family Hapalogastridae	
7112	Acantholithodes hispidus	(Stimpson 1860)
	1	
7113	Dermaturus hispidus	Stimpson 1860
7114	Family Lithodidae	
7115	Glyptolithodes cristatipes	(Faxon 1893)
7116	Rhinolithodes cristatipes	Faxon 1893
7117	Lopholithodes foraminatus	(Stimpson 1859)
7118	Echinocerus foraminatus	Stimpson 1859
7119	Paralithodes californiensis	(Benedict 1894)
7120	Lithodes californiensis	Benedict 1894
7120	Paralithodes rathbuni	(Benedict 1894)
		,
7122	Lithodes rathbuni	Benedict 1894
7123	Superfamily Hippoidea	
7124	Family Albuneidae	
7125	Lepidopa californica	Efford 1971
7126	Lepidopa myops	of authors NEP not Stimpson 1860
7127	Family Blepharipodidae	
7128	Blepharipoda occidentalis	Randall 1839

7400	Family Higgsides	
7129 7130	Family Hippidae	(Stimpson 1957)
7130	Emerita analoga Hippa analoga	(Stimpson 1857) Stimpson 1857
7132	Infraorder Brachyura	Sumpson 1037
7133	Superfamily Dromioidea	
7134	Family Dromiidae	
7135	Cryptodromiopsis larraburei	(Rathbun 1910)
7136	Dromidia sarraburei	Rathbun 1910
7137	Dromidia segnipes	Weymouth 1910
7138	Superfamily Homoloidea	
7139	Family Homolidae	(0.1 :// 1001)
7140	Moloha faxoni	(Schmitt 1921)
7141 7142	Homola faxoni Paromola faxoni	Schmitt 1921
7142	Superfamily Cyclodorippoidea	of Rathbun 1937
7143	Family Cyclodorippoidea	
7145	Deilocerus decorus	(Rathbun 1933)
7146	Clythrocerus decorus	Rathbun 1933
7147	Deilocerus planus	(Rathbun 1900)
7148	Cyclodorippe plana	Rathbun 1900
7149	Clythrocerus planus	of Rathbun 1937
7150	Superfamily Calappoidea	
7151	Family Calappidae	
7152	Platymera gaudichaudii	H. Milne Edwards 1837
7153	Mursia gaudichaudii	of Rathbun 1917
7154 7155	Platymera californiensis Superfamily Leucosioidea	Rathbun 1893
7155	Family Leucosidae	
7157	Randallia bulligera	Rathbun 1898
7158	Randallia ornata	(Randall 1839)
7159	llia ornata	Randall 1839
7160	Superfamily Majoidea	
7161	Family Epialtidae	
7162	Subfamily Epialtinae	
7163	Epialtoides hiltoni	(Rathbun 1923)
7164	Epialtus hiltoni	Rathbun 1923
7165	Epialtus bituberculatus	of Rathbun 1894 not H. Milne Edwards 1834
7166	Epialtus bituberculatus forma minima	of Hilton 1916 not Lockington 1877
7167	Pugettia dalli	Rathbun 1893
7168 7169	Pugettia producta	(Randall 1839) Randall 1839
7109	Epialtus productus Epialtus (Taliepus) productus	of A. Milne Edwards 1878
7171	Puggettia producta	of Clemens 1933
7172	Pugettia richii	Dana 1851
7173	Pugettia richi	of Garth 1958
7174	Pugettia venetiae	Rathbun 1924
7175	Taliepus nuttallii	(Randall 1839)
7176	Epialtus nuttallii	Randall 1839
7177	Epialtus (Antilibinia) nuttallii	of Rathbun 1894
7178	Subfamily Pisinae	70.40.54
7179	Chorilia longipes	Dana 1851
7180	Chorilia longipes turgida	Rathbun 1924
7181 7182	Hyastenus longipes <i>Loxorhynchus crispatus</i>	of Miers 1886
7183	Loxorhynchus crispaius Loxorhynchus grandis	Stimpson 1857 Stimpson 1857
7184	Loxorynchus grandis	Stimpson 1857
7185	Loxorlynchus grandus	of Weymouth 1910
7186	Mithrax rostratus	Boone 1930
7187	Pelia tumida	(Lockington 1877)
7188	Pisoides (?) tumidus	Lockington 1877
7189	Pelia clausa	Rathbun 1907
7190	Pelia pacifica	of Rathbun 1893 not A. Milne Edwards 1875
7191	Scyra acutifrons	Dana 1851
7192	Scyra acutifronus	of Taylor 1912
7193	Family Inachidae	D-4hl 1902
7194 7105	Erileptus spinosus	Rathbun 1893
7195 7196	Anasimus rostratus	Rathbun 1893
7196	Anasimus spinosus <i>Podochela hemphillii</i>	of Schmitt 1921 (Lockington 1877)
7197	Microrhynchus hemphillii	Lockington 1877
7199	Podochela tenuipes	Rathbun 1893
7200	Podochela lobifrons	Rathbun 1893
	· · · · · · · · · · · · · · · · · · ·	

7201	Podochela (Coryrhynchus) lobifrons	Rathbun 1893
7202	Podochela barbarensis	Rathbun 1924
7203	Stenorhynchus debilis	(Smith 1871)
7204	Leptopodia debilis	Smith 1871
7205	Leptopodia sagittaria	of Bell 1835 not Leach 1815
7206	Family Inachoididae	
7207	Pyromaia tuberculata	(Lockington 1877)
7208	Microrhynchus (Inachus) tuberculatus	Lockington 1877
7209	Collodes granosus	of Boone 1930 not Stimpson 1860
7210	Dasygyius tuberculatus	of Rathbun 1898
7211	? Inachoides brevirostrum	Lockington 1877
7212	Inachoides magdalenensis	Rathbun 1893
7213	Inachoides tuberculatus	of Schmitt 1921
7214	Family Oregoniidae	
7215	Chionoecetes tanneri	Rathbun 1893
7216	Superfamily Parthenopoidea	
7217	Family Parthenopidae	
7218	Heterocrypta occidentalis	(Dana 1854)
7219	Cryptopodia occidentalis	Dana 1854
7220	Lambrus frons-acutis	Lockington 1877
7221	Superfamily Cancroidea	
7222	Family Cancridae	
7223	Cancer productus	Randall 1839
7224	Cancer perlatus	Stimpson 1856
7225	Glebocarcinus amphioetus	(Rathbun 1898)
7226	Cancer amphioetus	Rathbun 1898
7227	Cancer bullatus	Balss 1922
7228	Cancer pygmaeus	Ortmann 1893 not Fabricius 1787
7229	Trichocarcinus dentatus	Miers 1879 not Herbst 1785
7230	Glebocarcinus oregonensis	(Dana 1852)
7231	Cancer oregonensis	(Dana 1852)
7232	Trichocera oregonensis	Dana 1852
7233	Lophopanopeus somaterianus	Rathbun 1930
7234	Platycarcinus recurvidens	Bate 1864
7235	Trichocarcinus walkeri	Holmes 1900
7236	Metacarcinus anthonyi	(Rathbun 1897)
7237	Cancer anthonyi	Rathbun 1897
7238	Metacarcinus gracilis	(Dana 1852)
7239	Cancer gracilis	Dana 1852
7240	Romaleon antennarius	(Stimpson 1856)
7241	Cancer antennarius	Stimpson 1856
7242	Cancer antennaria	Stimpson 1856
7243	Romaleon branneri	(Rathbun 1926)
7244	Cancer branneri	Rathbun 1926
7245	Cancer gibbosulus	Rathbun 1898
7246	Romaleon jordani	(Rathbun 1900)
7247	Cancer jordani	Rathbun 1900
7248	Superfamily Portunoidea	
7249	Family Portunidae	
7250	Portunus xantusii	(Stimpson 1860)
7251	Achelous xantusii	Stimpson 1860
7252	Neptunus xantusii	of A. Milne Edwards 1879
7253	Superfamily Xanthoidea	
7254	Family Panopeidae	
7255	Subfamily Panopeinae	
7256	Lophopanopeus bellus	(Stimpson 1860)
7257	Xantho bella	Stimpson 1860
7258	Lophoxanthus bellus	of A. Milne Edwards 1879 in part
7259	Lophoxanthus diegensis	Rathbun 1900
7260	Lophozozymus (Lophoxanthus) bellus	of Miers 1886
7261	Xantho hemphilliana	of Lockington 1877
7262	Xanthodes hemphillii	Lockington 1877
7263	Lophopanopeus frontalis	(Rathbun 1893)
7264	Lophozozymus (Lophoxanthus) frontalis	Rathbun 1893
7265	Lophoxanthus frontalis	of Holmes 1900
7266	Lophopanopeus leucomanus	(Lockington 1877)
7267	Xanthodes leucomanus	Lockington 1877
7268	Lophopanopeus heathi	Rathbun 1900
7269	Lophoxanthus bellus	of A. Milne Edwards 1879 in part
7270	Lophoxanthus leucomanus	of Holmes 1900
7271	Subfamily Eucratopsinae	
7272	Malacoplax californiensis	(Lockington 1877)
		` ' '

7273	Eucrate ? californiensis	Lockington 1877
7274	Speocarcinus californiensis	of Schmitt 1921
7275	Family Xanthidae	
7276	Subfamily Xanthinae	
7277	Paraxanthias taylori	(Stimpson 1861)
7278	Xanthodes taylori	Stimpson 1861
7279	Xanthias taylori	of Holmes 1900
7280	Superfamily Pilumnoidea	
7281	Family Pilumnidae	
7282	Pilumnus spinohirsutus	(Lockington 1876)
7283	Acanthus spino-hirsutus	Lockington 1876
7284	Superfamily Pseudozioidea	
7285	Family Pilumnoididae	
7286	Pilumnoides rotundus	Garth 1940
7287	Superfamily Pinnotheroidea	
7288	Family Pinnotheridae	
7289	Subfamily Pinnotherinae	
7290	Fabia concharum	(Rathbun 1893)
7291	Cryptophrys concharum	Rathbun 1893
7292	Fabia subquadrata	Dana 1851
7293	Raphonotus subquadratus	of Rathbun 1904
7294	Opisthopus transversus	Rathbun 1893
7295	Pinnotheres pugettensis	Holmes 1900
7296	Scleroplax granulata	Rathbun 1893
7297	Scleroplax granulatus	Rathbun 1893
7298	Pinnixa (Scleroplax) granulata	of Holmes 1900
7299	Subfamily Pinnotherellinae	of Hollings 1300
7300	Pinnixa barnharti	Rathbun 1918
7301	Pinnixa faba	of Rathbun 1904 in part not (Dana 1851)
7301	Pinnixa tumida	
7302		of Streets 1877 not Stimpson 1858 Zmarzly 1992
7303	Pinnixa forficulimanus	Rathbun 1918
	Pinnixa franciscana Pinnixa hiatus	Rathbun 1918
7305 7306		
	Pinnixa littoralis	Holmes 1894
7307	Pinnixa longipes	(Lockington 1876)
7308	Tubicola longipes	Lockington 1876
7309	Pinnixa minuscula	Zmarzly 1992
7310	Pinnixa occidentalis Cmplx	
7311	Pinnixa californiensis	Rathbun 1893
7312	Pinnixa occidentalis	Rathbun 1893 in part
7313	Pinnixa scamit	Martin & Zmarzly 1994 in part
7314	Pinnixa schmitti	Rathbun 1918
7315	Pinnixa occidentalis	of Rathbun 1904 not Rathbun 1893
7316	Pinnixa tomentosa	Lockington 1876
7317	Pinnixa ? nitida	Lockington 1876
7318	Pinnixa tubicola	Holmes 1894
7319	Pinnixa longipes	of Weymouth 1910 not (Lockington 1876)
7320	Superfamily Palicoidea	
7321	Family Palicidae	
7322	Palicus cortezi	(Crane 1937)
7323	Cymopodia cortezi	Crane 1937
7324	Palicus lucasii	Rathbun 1898
7325	Cymopolia lucasii	of Rathbun 1930
7326	Superfamily Grapsoidea	
7327	Family Grapsidae	
7328	Pachygrapsus crassipes	Randall 1839
7329	Grapsus eydouxi	H. Milne Edwards 1853
7330	Leptograpsus gonagrus	H. Milne Edwards 1853
7331	Planes minutus	(Linnaeus 1758)
7332	Cancer minutus	Linnaeus 1758
7333	Family Varunidae	
7334	Subfamily Varuninae	
7335	Hemigrapsus nudus	(Dana 1851)
7336	Pseudograpsus nudus	Dana 1851
7337	Brachynotus nudus	of Holmes 1900
7338	Heterograpsus nudus	of Stimpson 1858
7339	Hemigrapsus oregonensis	(Dana 1851)
7339	Pseudograpsus oregonensis	(Dana 1851) Dana 1851
7340 7341		of Holmes 1900
	Brachynotus oregonensis YLUM KINORHYNCHA	OI LIOIILES 1900
7342 FF	Order Homalorhagida	
7343 7344	Suborder Homalorhagae	
1 U <del>TT</del>	ouborder nomalomagae	

7345	Family Pycnophyidae	
7346	Kinorhynchus sp	
	PHYLUM NEMATODA	
7348	unidentified	
7349	PHYLUM ECHINODERMATA Subphylum Crinozoa	
7351	Class Crinoidea	
7352	Subclass Articulata	
7353	Order Comatulida	
7354	Superfamily Antedonoidea	
7355 7356	Family Antedonidae Florometra serratissima	(A. H. Clark 1007)
7357	Antedon serratissima	(A. H. Clark 1907) A. H. Clark 1907
7358	Antedon perplexa	A. H. Clark 1907
7359	Florometra perplexa	of A. H. Clark 1921
7360	Promachocrinus (Florometra) serratissima	of A. H. Clark 1915
7361	Subphylum Asterozoa	
7362 7363	Class Asteroidea Superorder Platyasteracea	
7364	Order Paxillosida	
7365	Family Luidiidae	
7366	Luidia armata	Ludwig 1905
7367	Luidia ludwigi	Fisher 1906
7368	Luidia asthenosoma	Fisher 1906
7369 7370	<i>Luidia foliolata</i> Petalaster foliolata	Grube 1866 of Fell 1963
7371	Family Astropectinidae	011 611 1300
7372	Astropecten armatus	Gray 1840
7373	Astropecten (Braziliensis) armatus	Gray 1840
7374	Astropecten erinaceus	Gray 1840
7375 7376	Astropecten oerstedii	Lütken 1859
7377	Astropecten peruvianus Astropecten siderialis	Verrill 1867 Verrill 1914
7378	Astropecten ornatissimus	Fisher 1906
7379	Astropecten (Braziliensis) ornatissimus	Fisher 1906
7380	Astropecten californicus	Fisher 1906
7381	Astropecten verrilli californicus	of Fisher 1906
7382 7383	Astropecten verrilli Thrissacanthias penicillatus	of authors NEP not de Loriol 1899 (Fisher 1905)
7384	Persephonaster penicillatus	Fisher 1905
7385	Superorder Valvatacea	1.6.16. 1666
7386	Order Valvatida	
7387	Suborder Granulosina	
7388 7389	Family Odontasteridae Odontaster crassus	Fisher 1905
7399	Family Goniasteridae	Pisher 1903
7391	Ceramaster leptoceramus	(Fisher 1905)
7392	Tosia leptoceramus	Fisher 1905
7393	Ceramaster patagonicus	Sladen 1889
7394	Hippasteria spinosa	Verrill 1909 Stimpson 1857
7395 7396	Mediaster aequalis Pseudarchaster pusillus	Fisher 1905
7397	Family Asterinidae	1101101 1700
7398	Patiria miniata	(Brandt 1835)
7399	Asterias miniata	Brandt 1835
7400	Asterina miniata	of SCAMIT Ed 4
7401 7402	Order Spinulosida Suborder Leptognathina	
7403	Family Solasteridae	
7404	Solaster borealis	(Fisher 1905)
7405	Crossaster borealis	Fisher 1905
7406	Family Poraniidae	(Figher 1996)
7407 7408	Poraniopsis inflata Alexandraster inflatus	(Fisher 1906) Fisher 1906
7409	Alexandraster mirus	Ludwig 1905
7410	Poraniopsis inflata flexilis	Fisher 1910
7411	Family Echinasteridae	
7412	Henricia aspera	Fisher 1906
7413 7414	Henricia n sp	Eernisse & Strathman MS
7414	Henricia laeviuscula Order Forcipulatida	of authors NEP not (Stimpson 1857)
7416	Suborder Brisingida	
	<del>-</del>	

7417	Family Brisingidae	
7417	Brisingella pusilla	Fisher 1917
7419	Suborder Asteriadina	
7420	Family Asteriidae	
7421	Astrometis sertulifera	(Xantus 1860)
7422	Asterias sertulifera	Xantus 1860
7423 7424	Aphanasterias pycnopodia Asterias forreri	Caso 1943 of Jennings 1907 not de Loriol 1887
7425	Coscinasterias sertulifera	of Baker 1912
7426	Marthasterias sertulifera	of Verrill 1914
7427	Orthasterias dawsoni	Verrill 1914
7428	Orthasterias (Stylasterias) gonolena	Verrill 1914
7429	Leptasterias hexactis	(Stimpson 1853)
7430 7431	Asterias hexactis	Stimpson 1853
7431	<i>Orthasterias koehleri</i> Asterias koehleri	(de Loriol 1897) de Loriol 1887
7433	Pisaster brevispinus	(Stimpson 1857)
7434	Asterias brevispina	Stimpson 1857
7435	Asterias paucispina	Stimpson 1862
7436	Asterias (Pisaster) papulosa	Verrill 1909
7437	Pisaster papulosus	of Verrill 1914
7438 7439	Pisaster paucispina Pisaster giganteus capitatus	of Verrill 1914 (Stimpson 1862)
7440	Asterias capitata	Stimpson 1862
7441	Pisaster capitatus	of Verrill 1909
7442	Pisaster ochraceus	(Brandt 1835)
7443	Asterias ochracea	Brandt 1835
7444	Asteracanthion margaritifer	J. Müller & Troschel 1842
7445	Asterias conferta	Stimpson 1862
7446 7447	Asterias fissispina Pisaster ochraceus forma nodiferus	Stimpson 1862 Verrill 1914
7448	Pisaster ochraceus segnis	Fisher 1926
7449	Pycnopodia helianthoides	(Brandt 1835)
7450	Asterias helianthoides	Brandt 1835
7451	Rathbunaster californicus	Fisher 1906
7452	Sclerasterias heteropaes	Fisher 1924
7453 7454	Stylasterias forreri	(de Loriol 1887)
7454 7455	Asterias forreri Asterias (Urasterias) forcipulata	de Loriol 1887 Verrill 1909
7456	Orthasterias forreri	of Verrill 1914
7457	Orthasterias forreri forcipulata	of Verrill 1914
7458	Orthasterias leptolena	Verrill 1914
7459	Family Asterodiscididae	(G. 1. 1055)
7460	Dermasterias imbricata	(Grube 1857) Grube 1857
7461 7462	Asteropsis imbricata Family Ophidiasteridae	Grube 1857
7463	Linckia columbiae	Gray 1840
7464	Order Zorocallida	33.0, 30.10
7465	Family Zoroasteridae	
7466	Myxoderma platyacanthum	(H. L. Clark 1913)
7467	Zoroaster platyacanthus	H. L. Clark 1913
7468 7469	Class Ophiuroidea Order Phrynophiurida	
7470	Suborder Euryalina	
7471	Family Gorgonocephalidae	
7472	Gorgonocephalus eucnemis	(J. Müller & Troschel 1842)
7473	Astrophyton eucnemis	J. Müller & Troschel 1842
7474	Astrophyton Caryi	Lyman 1860
7475 7476	Astrophyton stimpsoni	Verrill 1869 of Verrill 1867
7477	Gorgonocephalus caryi Gorgonocephalus japonicus	Döderlein 1902
7478	Gorgonocephalus sagaminus	Doflein 1906
7479	Gorgonocephalus stimpsoni	of Döderlein 1911
7480	Family Asteronychidae	
7481	Asteronyx longifissus	Döderlein 1927
7482	Suborder Ophiomixina	
7483 7484	Family Ophiomyxidae Ophioscolex corynetes	(H. L. Clark 1911)
7485	Ophioscotex corynetes Ophiocynodus corynetes	(H. L. Clark 1911) H. L. Clark 1911
7486	Order Ophiurida	2. S.G.R. 1011
7487	Suborder Laemophiurina	
7488	Family Ophiacanthidae	

7489	Ophiacantha diplasia	H. L. Clark 1911
7490	Ophiophthalmus diplasia	Kyte 1982
7491	Ophiacantha phragma	Ziesenhenne 1940
7492	Suborder Gnathophiurina	
7493	·	
	Family Ophiactidae	(I - C 1051)
7494	Ophiactis simplex	(Le Conte 1851)
7495	Ophiolepis simplex	Le Conte 1851
7496	Ophiopholis bakeri	McClendon 1909
7497	Ophiopholis longispina	H. L. Clark 1911
7498	Family Amphiuridae	
7499	Amphichondrius granulatus	(Lütken & Mortensen 1899)
	1 0	,
7500	Amphiura granulata	Lütken & Mortensen 1899
7501	Amenichondrius granulosus	of Parker 1964
7502	Amphichondrius granulosus	Nielsen 1932
7503	Amphichondrius unamexici	Caso 1983
7504	Amphipholis granulata	of H. L. Clark 1917
7505	Amphipholis puntarenae	McClendon 1909
7506	Amphiodia digitata	Nielsen 1932
7507	Amphiodia (Amphispina) digitata	Nielsen 1932
7508	Amphiodia barbarae	of McClendon 1909
7509	Ophiophragmus digitata	of Fell 1962
7510	Amphiodia psara	H. L. Clark 1935
7511	Amphiodia occidentalis	of authors SCB not (Lyman 1860)
7512	Diamphiodia psara	of Fell 1962
7513	Amphiodia urtica	(Lyman 1860)
7514	Amphiura urtica	Lyman 1860
7515	Amphiodia Barbarae	of Lyman 1880
7516	Amphipholis urtica	of Ljungman 1867
7517	Amphiura barbarae	Lyman 1875
7518	Diamphiodia barbarae	of Fell 1962
7519	Ophiophragmus urtica	of Fell 1962
7520	Amphioplus macraspis	(H. L. Clark 1911)
7521	Amphiodia macraspis	H. L. Clark 1911
7522	Amphioplus strongyloplax	(H. L. Clark 1911)
7523	Amphiodia strongyloplax	H. L. Clark 1911
7524	Unioplus strongyloplax	of Fell 1962
7525	Amphioplus sp A	SCAMIT 2004 §
7526	* * *	v v
	Amphioplus sp LA1	Cadien 1998 §
7527	Amphioplus hexacanthus	of authors SCB not Clark 1911
7528	Amphipholis pugetana	(Lyman 1860)
7529	Amphiura pugetana	Lyman 1860
7530	Axiognathus pugetana	of Thomas 1960
7531	Amphipholis squamata	(delle Chiaje 1828)
7532	Asterias squamata	delle Chiaje 1828
		-
7533	Amphiura squamata	of Koehler 1907
7534	Axiognathus squamata	of Thomas 1966
7535	Ophiolepis squamata	of J. Müller & Troschel 1842
7536	Amphiura arcystata	H. L. Clark 1911
7537	Amphiura acrystata	H. L. Clark 1911
7538	Hemilepis arcystata	of Fell 1962
7539	Amphiura diomedeae	Lütken & Mortensen 1899
7540	Amphiura diastata	of McClendon 1909
7541	Amphiura koreae	of Matsumoto 1917 in part ? not Duncan 1879
7542	Amphiura verrilli	of McClendon 1909
7543	Dougaloplus amphacanthus	(McClendon 1909)
7544	Ophiocnida amphacantha	McClendon 1909
7545	Amphiacantha amphacantha	of Matsumoto 1917
	· · · · · · · · · · · · · · · · · · ·	
7546	Amphiacantha pentacantha	of Matsumoto 1917
7547	Amphilimna pentacantha	H. L. Clark 1911
7548	Amphioplus hexacanthus	H. L. Clark 1911
7549	Dougaloplus amphacantha	of A. M. Clark 1970
7550	Dougaloplus sp A	SCAMIT 2004 §
7551	Dougaloplus sp SD1	CSD 1988 §
7552	Ophiocnida hispida	(Le Conte 1851)
	· · · · · · · · · · · · · · · · · · ·	
7553	Ophiolepis hispida	Le Conte 1851
7554	Family Ophiotricidae	
7555	Ophiothrix spiculata	Le Conte 1851
7556	Ophiothrix dumosa	Lyman 1860
7557	Family Ophiocomidae	•
7558	Ophiopsila californica	A. H. Clark 1921
7559	Ophiopteris papillosa	(Lyman 1875)
		· • · · · · · · · · · · · · · · · · · ·
7560	Ophiocoma papillosa	Lyman 1875

7561	Family Ophiolepididae	
7562	Ophioplocus esmarki	Lyman 1874
7563	Family Ophionereidae	<b>3</b>
7564	Ophionereis annulata	(Le Conte 1851)
7565	Ophiolepis annulata	Le Conte 1851
7566	Ophiolepis triloba	Lütken 1856
7567 7568	Ophionereis dictyota Ophionereis xantusii	Ziesenhenne 1940
7569	Ophionereis diabloensis	Lyman 1860 Hendler 2002
7570	Ophionereis eurybrachiplax	H. L. Clark 1911
7571	Ophionereis eurybrachyplax	of Nielsen 1932
7572	Suborder Chilophiurina	
7573	Family Ophiodermatidae	T m.1 1050
7574 7575	Ophioderma panamense	Lütken 1859
7575 7576	Ophiocryptus granulosus <i>Ophiuroconis bispinosa</i>	Nielsen 1932 Ziesenhenne 1937
7577	Family Ophiuridae	Zieseimeime 1737
7578	Ophiocten sp	
7579	Ophiosphalma jolliense	(McClendon 1909)
7580	Ophiomusium jolliensis	McClendon 1909
7581	Ophiomusium jolliense	H. L. Clark 1915
7582	Ophiura leptoctenia	H. L. Clark 1901
7583 7584	Ophiura luetkenii	(Lyman 1860)
7585	Ophioglypha Luetkenii Ophioglypha Luetkeni	Lyman 1860 of Lyman 1875
7586	Ophiura luetkeni	of McClendon 1909
7587	Ophiura sarsi	Lütken 1855
7588	Subphylum Echinozoa	
7589	Class Echinoidea	
7590	Subclass Euechinoidea	
7591 7592	Superorder Diadematacea	
7592 7593	Order Diadematoida Family Diadematidae	
7594	Centrostephanus coronatus	(Verrill 1867)
7595	Echinodiadema coronata	Verrill 1867
7596	Superorder Echinacea	
7597	Order Camarodonta	
7598	Superfamily Odontophora	
7599	Family Toxopneustidae	(1/:11 1967)
7600 7601	Lytechinus pictus Psammechinus pictus	(Verrill 1867) Verrill 1867
7602	Lytechinus anamesus	H. L. Clark 1912
7603	Family Strongylocentrotidae	T. E. GIGH. 1012
7604	Strongylocentrotus fragilis	Jackson 1912
7605	Allocentrotus fragilis	of authors NEP
7606	Strongylocentrotus franciscanus	(A. Agassiz 1863)
7607 7608	Toxocidaris franciscanus	A. Agassiz 1863
7609	Strongylocentrotus purpuratus Echinus purpuratus	(Stimpson 1857) Stimpson 1857
7610	Toxocidaris purpuratus	of A. Agassiz 1863
7611	Order Clypeasteroida	•
7612	Suborder Scutellina	
7613	Family Dendrasteridae	(F. J. J. J. 1001)
7614	Dendraster excentricus	(Eschscholtz 1831)
7615 7616	Scutella excentrica	Eschscholtz 1831 H. L. Clark 1935
7617	Dendraster excentricus var elongatus Echinarachinus excentricus	of A. Agassiz 1873
7618	Dendraster terminalis	(Grant & Hertlein 1938)
7619	Echinocyamus terminalis	Grant & Hertlein 1938
7620	Dendraster laevis	Clark 1948
7621	Superorder Atelostomata	
7622	Order Spatangoida	
7623 7624	Suborder Paleopneustina Family Schizasteridae	
762 <del>4</del> 7625	Brisaster latifrons	(A. Agassiz 1898)
7626	Schizaster latifrons	(A. Agassiz 1696) A. Agassiz 1898
7627	Oppissaster latifrons	Lambert & Thiery 1924
7628	Brisaster townsendi	(A. Agassiz 1898)
7629	Schizaster townsendi	A. Agassiz 1898
7630	Brisaster latifrons	of authors SCB not A. Agassiz 1898 in part
7631 7632	Schizaster ventricosus Suborder Brissidina	A. Agassiz 1881
1032	Supplied PHSSIGHIG	

	7633	Family Brissidae	
Toochesus pandings			(A. Agassiz 1898)
Part		1 1 1	` • · · · · · · · · · · · · · · · · · ·
Family Spatangidae	7636	Kleinia pacifica	Lambert & Thiery 1924
Nacospatangus lauris			Haney 2004 §
Total			(I. I. (I. I. 1015)
1941   Nacospatangus depressus   H. I. Clark 1917			,
Post			
Family Lovenidae			,
Class Holothuroidea			II. E. Clark 1717
Class Holothuroidea		·	A. Agassiz 1872
Family Psolidae   Lambert 1996   Psolidae   Lambert 1996   Psolidae   Psolidae   Clark 1901   Psolidae   Psolidae   Psolidae   H. L. Clark 1901   Psolidae   Clark 1901   Psolidae   Psolidae   Psolidae   Psolidae   Psolidae   Cucieria squinquesemita   Coren 1844   Cucieria squinquesemita   Coren 1844   Cucieria squinquesemita   Clark 1867   Psolidae   Cucieria squinquesemita   Clark 1867   Psolidae   Cucieria squinquesemita   Clark 1867   Psolidae   Cucieria squinquesemita   Cucie	7645	v	2
	7646	Order Dendrochirotida	
Pools			
Psolis chironoides		1	I 100/
Psolit			
Test			
Family Sclerodactylidae   Eupentacta quinquesemita   Sclenka 1867   Cacumana quinquesemita   Cacumana (Lari 1901)   Cacumana (Lari 1901)   Cacumana (Lari 1901)   Cacumana (Lari 1904)   Cacumana			,
7654         Eupentacta guinquesemita         (Sclenka 1867)           7655         Cacumania quinquesemita         Selenka 1867           7656         Pachythyone rubra         (H. I., Clark 1901)           7658         Thyone buth         (H. I., Clark 1901)           7658         Family Phyllophoridae         (Deichmann 1937)           7660         Thyone benti var zacae         of Panning 1949           7661         Havelockia benti var zacae         of Panning 1949           7662         Tryone benti var zacae         of Panning 1949           7663         Huvelockia charlottae         (Deichmann 1938)           7664         Pentamera lissoplaca         (H. L. Clark 1924)           7665         Pentamera lissoplaca         (H. L. Clark 1924)           7666         Cucumania lissoplaca         (H. L. Clark 1924)           7667         Pentamera pediparva         Lambert 1998           7668         Pentamera pediparva         Lambert 1997           7670         Pentatera populifera         (Stimpson 1857)           7671         Allotypore terulcoriata         of Panning 1949           7672         Cladotacyba albida         Brandt 1835           7675         Pentamera peradocalcigera         Deichmann 1938		•	
7656         Packystypone rubra         (H. L. Clark 1901)           7657         Thyone rubra         H. L. Clark 1901           7658         Family Phyllophoridae           7659         Havelockla benit         (Deichmann 1937)           7660         Thyone benit var zacae         Deichmann 1937           7661         Havelockia charlottae         of Panning 1849           7662         Thyone benit var zacae         Deichmann 1938           7663         Havelockia charlottae         (Deichmann 1938)           7664         Pentamera fastoritae         Deichmann 1938           7665         Pentamera lissoplaca         (H. L. Clark 1924)           7666         Cacumani lissoplaca         (H. L. Clark 1924)           7667         Pentamera pediparva         Lambert 1998           7668         Pentamera pediparva         Lambert 1997           7669         Pentamera populifera         (Stimpson 1857)           7671         Pentade populifera         (Stimpson 1857)           7672         Pentamera populifera         Stimpson 1857           7673         Cucumaria tenuiconiata         Wells 1324           7674         Cucumaria tenuiconiata         Wells 1324           7675         Pentamera pracuparti acumaria popul	7654		(Selenka 1867)
7657         Tryone ubra         H. L. Clark 1901           7658         Family Phyllophoridae         (Deichmann 1937)           7659         Havelockia benti         (Deichmann 1937)           7660         Thyone benti war zacae         (Deichmann 1938)           7661         Havelockia benti war zacae         Deichmann 1938           7662         Thyone benti war zacae         Deichmann 1938           7664         Pentamera charlottae         Deichmann 1938           7665         Pentamera piscoplaca         H. L. Clark 1924           7666         Pentamera piscoplaca         H. L. Clark 1924           7667         Pentamera populigra         Lambert 1998           7668         Pentamera populigra         (Stimpson 1857)           7670         Pentamera populigra         (Stimpson 1857)           7671         Allothyone tenuicoriata         of Panning 1949           7672         Cucumaria populifera         of Theel 1886           7673         Cucumaria populifera         of Theel 1886           7674         Cucumaria populifera         of Theel 1886           7675         Pentamera pseudocalcigera         of H. L. Clark 1924           7676         Cucumaria calcigera         Deichmann 1938           7677 <td>7655</td> <td></td> <td>Selenka 1867</td>	7655		Selenka 1867
7658         Family Phyllophoridae           7660         Havelockia benti         (Deichmann 1937)           7661         Havelockia benti var zacae         of Panning 1949           7662         Tryone benti var zacae         Opichmann 1938           7663         Havelockia charlottae         (Deichmann 1938)           7664         Pentamera charlottae         (Deichmann 1938)           7665         Pentamera lissoplaca         (H. L. Clark 1924)           7666         Cucumani lissoplaca         H. L. Clark 1924           7667         Pentamera pediparva         Lambert 1998           7668         Pentamera pediparva         Lambert 1998           7669         Pentamera populifera         Slimpson 1857           7670         Pentacta populifera         Slimpson 1857           7671         Alottypon tenuicoriata         GPanning 1949           7672         Cladodactyla albidia         Brandt 1835           7673         Cucumaria populifera         of Theel 1886           7674         Cucumaria populifera         del Theel 1886           7675         Pentamera pseudocalcigera         Deichmann 1938           7676         Cucumaria tenuicoriata         Welis 1924           7677         Pentamera pseudocalcigera<			,
Mavelockia benti		· · · · · · · · · · · · · · · · · · ·	H. L. Clark 1901
Thyone benti		, , , , , , , , , , , , , , , , , , ,	(Daighmann 1027)
			,
7662         Thyone benti var zeace         Delchmann 1938           7663         Havelockia charlottae         (Deichmann 1938)           7664         Pentamera charlottae         Delchmann 1938           7665         Pentamera lissoplaca         (H. L. Clark 1924)           7666         Cucumaria lissoplaca         H. L. Clark 1924           7667         Pentamera pediparva         Lambert 1998           7668         Pentamera populifera         (Stimpson 1857)           7670         Pentade populifera         Stimpson 1857           7671         Alolthyone tenuicoriata         6Panning 1949           7672         Ciadodactyla albida         Brandt 1835           7673         Cucumaria populifera         of Theil 1886           7674         Quournaria populifera         of Theil 1886           7675         Pentamera pseudocalcigrea         Deichmann 1938           7676         Cucumaria tenuicoriata         Wells 1924           7677         Pentamera pseudopopulifera         Deichmann 1938           7677         Pentamera pseudopopulifera         Deichmann 1938           7677         Pentamera pseudopopulifera         Deichmann 1938           7678         Pentamera pseudopopulifera         Clark 1924 <td< td=""><td></td><td>,</td><td></td></td<>		,	
F663			<u> </u>
7665         Pentamera lissoplaca         (H. L. Clark 1924)           7666         Cucumaria lissoplaca         H. L. Clark 1924           7667         Pentamera pediparva         Lambert 1998           7668         Pentamera sp B         Lambert 1997           7669         Pentamera ppulifera         (Stimpson 1857)           7670         Pentacta populifera         Stimpson 1857           7671         Allothyone tenulcoriata         of Panning 1949           7672         Cladodactyla albida         Brandt 1835           7673         Cucumaria populifera         of Theel 1886           7674         Cucumaria populifera         detichmann 1938           7675         Pentamera pseudocalcigera         Detichmann 1938           7676         Cucumaria tenuicoriata         Wells 1924           7677         Pentamera pseudocalcigera         Detichmann 1938           7678         Pentamera pseudocapultifera         Detichmann 1938           7679         Pentamera speudocalcigera         Detichmann 1938           7679         Pentamera sp C         Clark 1924           7681         Cucumaria tenuitara         (Clark 1924)           7682         Pentamera sp C         SCAMIT 2004 §           7683         Phyllo	7663		
Tele6	7664	Pentamera charlottae	Deichmann 1938
7667         Pentamera pediparva         Lambert 1998           7668         Pentamera pB         Lambert 1997           7669         Pentamera populifera         (Stimpson 1857)           7670         Pentacta populifera         Stimpson 1857           7671         Allothyone tenuicoriata         of Panning 1949           7672         Cladodackyla albida         Brandt 1835           7673         Cucumaria populifera         of Theel 1886           7674         Cucumaria populifera         of Theel 1886           7675         Pentamera pseudocalcigera         Deichmann 1938           7676         Cucumaria calcigera         Of I. L. Clark 1901 not (Stimpson 1857)           7677         Pentamera pseudopopulifera         Deichmann 1938           7678         Pentamera rigida         Lambert 1998           Pentamera rigida         Lambert 1998           Pentamera sp A         Lambert 1998           7681         Queumaria trachyplaca         Clark 1924           7682         Pentamera sp C         SCAMIT 2004 §           7683         Phyllophoridae sp A         SCAMIT 2004 §           7684         Phyllophoridae sp A         SCAMIT 2004 §           7685         Phyllophoridae sp A         SCAMIT 2004 § </td <td></td> <td></td> <td>,</td>			,
7668         Pentamera populifera         Lambert 1997           7669         Pentamera populifera         (Stimpson 1857)           7670         Pentata populifera         Stimpson 1857           7671         Allothyone tenuicoriata         of Panning 1949           7672         Cladodactyla albida         Brandt 1835           7673         Cucumaria populifera         of Theel 1886           7674         Cucumaria tenuicoriata         Wells 1924           7675         Pentamera pseudocalcigera         Deichmann 1938           7676         Cucumaria calcigera         of H. L. Clark 1901 not (Stimpson 1857)           7677         Pentamera pseudopopulifera         Deichmann 1938           7678         Pentamera rigida         Lambert 1998           7679         Pentamera rigida         Lambert 1998           7680         Pentamera trachyplaca         Clark 1924           7681         Cucumaria trachyplaca         Clark 1924           7682         Pentamera sp A         Lambert 1998           7683         Phyllophoridae sp A         SCAMIT 2004 §           7684         Phyllophoridae sp A         SCAMIT 2004 §           7685         Phyllophoridae sp A         SCAMIT 2004 §           7686         Family			
Pentamera populifera			
7670         Pentacta populifera         Stimpson 1857           7671         Allothyone tenulcoriata         of Panning 1949           7672         Cladodackyla albida         Brandt 1835           7673         Cucumaria populifera         of Theel 1886           7674         Cucumaria tenulcoriata         Wells 1924           7675         Pentamera pseudocalcigera         Deichmann 1938           7676         Cucumaria calcigera         of H. L. Clark 1901 not (Stimpson 1857)           7677         Pentamera pseudopopulifera         Deichmann 1938           7678         Pentamera racidad         Lambert 1997           7679         Pentamera rachyplaca         (Clark 1924)           7681         Cucumaria trachyplaca         (Clark 1924)           7682         Pentamera sp C         SCAMIT 2004 §           7683         Phyllophoridae sp A         SCAMIT 2004 §           7684         Phyllophoridae sp SD1         Lilly 1998 §           7685         Phyllophoridae sp SD1         Lilly 1998 §           7686         Family Cucumariidae         (Brandt 1835)           7687         Cucumariidae         (Brandt 1835)           7688         Cistimpson 1864           Phyllophoridae sp SD         (Scimpson 1864)			
7671         Allothyone tenuicoriata         of Panning 1949           7672         Cladodactyla albida         Brandt 1835           7673         Cucumaria populifera         of Theel 1886           7674         Cucumaria pepulifera         Deichmann 1938           7675         Pentamera pseudocalcigera         Deichmann 1938           7676         Cucumaria calcigera         of H. L. Clark 1901 not (Stimpson 1857)           7677         Pentamera pseudopopulifera         Deichmann 1938           7678         Pentamera pseudopopulifera         Deichmann 1938           7679         Pentamera rigida         Lambert 1998           7680         Pentamera trachyplaca         (Clark 1924)           7681         Cucumaria trachyplaca         (Clark 1924)           7682         Pentamera sp C         SCAMIT 2004 §           7683         Phyllophoridae sp A         SCAMIT 2004 §           7684         Phyllophoridae sp SD1         Lill y1988 §           7685         Phyllophoridae sp B         SCAMIT 2004 §           7686         Family Cucumaria         (Brandt 1835)           7688         Family Cucumaria         (Brandt 1835)           7689         Cucumaria ininiata         (Stimpson 1864)           7690		1 1 1	· •
7672         Cladodactyla albida         Brandt 1835           7673         Cucumaria populifera         of Théel 1886           7674         Cucumaria tenuicoriata         Wells 1924           7675         Pentamera pseudocalcigera         Deichmann 1938           7676         Cucumaria calcigera         of H. L. Clark 1901 not (Stimpson 1857)           7677         Pentamera pseudopopulifera         Deichmann 1938           7678         Pentamera rigida         Lambert 1998           7679         Pentamera sp A         Lambert 1997           7680         Pentamera trachyplaca         (Clark 1924)           7681         Cucumaria trachyplaca         (Clark 1924)           7682         Pentamera sp C         SCAMIT 2004 §           7683         Phyllophoridae sp A         SCAMIT 2004 §           7684         Phyllophoridae sp A         SCAMIT 2004 §           7685         Phyllophoridae sp B         SCAMIT 2004 §           7686         Family Cucumaridae         (Brandt 1835)           7687         Cucumaria miniata         (Brandt 1835)           7688         Cucumaria miniata         (Stimpson 1864)           7689         Pentacta piperata         (Stimpson 1864)           7690         Pentacta pipera		• •	
7674         Cucumaria tenuicoriata         Wells 1924           7675         Pentamera pseudocalcigera         Deichmann 1938           7676         Cucumaria calcigera         of H. L. Clark 1901 not (Stimpson 1857)           7677         Pentamera pseudopopulifera         Deichmann 1938           7678         Pentamera rigida         Lambert 1997           7679         Pentamera trachyplaca         (Clark 1924)           7681         Cucumaria trachyplaca         (Clark 1924)           7682         Pentamera sp C         SCAMIT 2004 §           7683         Phyllophoridae sp A         SCAMIT 2004 §           7684         Phyllophoridae sp B         SCAMIT 2004 §           7685         Phyllophoridae sp B         SCAMIT 2004 §           7686         Family Cucumariidae         (Brandt 1835)           7687         Cucumaria miniata         (Brandt 1835)           7688         Cucumaria miniata         (Brandt 1835)           7689         Cucumaria piperata         (Stimpson 1864)           7690         Pentacta piperata         (Stimpson 1864)           7691         Cucumaria sisheri         Wells 1924           7692         Cucumaria sibrei         Wells 1924           7693         Cucumaria sibrei <td>7672</td> <td></td> <td><u> </u></td>	7672		<u> </u>
7675         Pentamera pseudocalcigera         Deichmann 1938           7676         Cucumaria calcigera         of H. L. Clark 1901 not (Stimpson 1857)           7677         Pentamera pseudopopulifera         Deichmann 1938           7678         Pentamera rigida         Lambert 1998           7679         Pentamera trachyplaca         Clark 1924           7680         Pentamera trachyplaca         Clark 1924           7681         Cucumaria trachyplaca         Clark 1924           7682         Pentamera sp C         SCAMIT 2004 §           7683         Phyllophoridae sp A         SCAMIT 2004 §           7684         Phyllophoridae sp B         SCAMIT 2004 §           7685         Phyllophoridae sp B         SCAMIT 2004 §           7686         Family Cucumariidae         (Brandt 1835)           7687         Cucumaria miniata         (Brandt 1835)           7689         Cucumaria piperata         (Stimpson 1864)           7690         Pentacta piperata         Stimpson 1864           7691         Cucumaria salma         Yingst 1972           7693         Cucumaria pseudocurata         Deichmann 1938           7694         Cucumaria spa         SCAMIT 2004 §           7695         Pseudocnus lubricus </td <td>7673</td> <td></td> <td>of Théel 1886</td>	7673		of Théel 1886
7676         Cucumaria calcigera         of H. L. Clark 1901 not (Stimpson 1857)           7677         Pentamera pseudopopulifera         Deichmann 1938           7678         Pentamera rigida         Lambert 1998           7679         Pentamera sp A         Lambert 1997           7680         Pentamera trachyplaca         (Clark 1924)           7681         Cucumaria trachyplaca         Clark 1924           7682         Pentamera sp C         SCAMIT 2004 §           7683         Phyllophoridae sp A         SCAMIT 2004 §           7684         Phyllophoridae sp B         SCAMIT 2004 §           7685         Phyllophoridae sp B         SCAMIT 2004 §           7686         Family Cucumariidae         (Brandt 1835)           7688         Cucumaria miniata         (Brandt 1835)           7689         Cucumaria piperata         (Stimpson 1864)           7690         Pentacta piperata         Stimpson 1864           7691         Cucumaria salma         Yingst 1972           7693         Cucumaria salma         Yingst 1972           7693         Cucumaria pseudocurata         Deichmann 1938           7694         Cucumaria pseudocurata         Deichmann 1938           7695         Pseudocnus lubricus			
7677         Pentamera pseudopopulifera         Deichmann 1938           7678         Pentamera rigida         Lambert 1998           7679         Pentamera sp A         Lambert 1997           7680         Pentamera trachyplaca         (Clark 1924)           7681         Cucumaria trachyplaca         Clark 1924           7682         Pentamera sp C         SCAMIT 2004 §           83         Phyllophoridae sp A         SCAMIT 2004 §           7683         Phyllophoridae sp B         SCAMIT 2004 §           7684         Phyllophoridae sp B         SCAMIT 2004 §           7685         Phyllophoridae sp B         SCAMIT 2004 §           7686         Family Cucumariidae           7687         Cucumarii aminiata         (Brandt 1835)           7688         Cucumaria miniata         (Brandt 1835)           7689         Cucumaria piperata         (Stimpson 1864)           7690         Pentacta piperata         (Stimpson 1864)           7691         Cucumaria sheri         Wells 1924           7692         Cucumaria pseudocurata         Deichmann 1938           7694         Cucumaria pseudocurata         Deichmann 1938           7694         Cucumaria pseudocurata         Holothuria californica			
7678         Pentamera rigida         Lambert 1998           7679         Pentamera sp A         Lambert 1997           7680         Pentamera sp A         Lambert 1997           7681         Occumaria trachyplaca         (Clark 1924)           7682         Pentamera sp C         SCAMIT 2004 §           7683         Phyllophoridae sp A         SCAMIT 2004 §           7684         Phyllophoridae sp B         SCAMIT 2004 §           7685         Phyllophoridae sp B         SCAMIT 2004 §           7686         Family Cucumariidae           7687         Cucumariidae         (Brandt 1835)           7688         Cladodactyla miniata         Brandt 1835           7689         Cucumaria piperata         (Stimpson 1864)           7690         Pentacta piperata         Stimpson 1864           7691         Cucumaria salma         Yingst 1972           7693         Cucumaria pseudocurata         Deichmann 1938           7694         Cucumaria pseudocurata         Deichmann 1938           7695         Pseudocnus lubricus         (H. L. Clark 1901)           7696         Cucumaria fisheri astigmata         Wells 1924           7697         Cucumaria fisheri astigmatu         Wells 1924			
Pentamera sp A			
7680         Pentamera trachyplaca         (Clark 1924)           7681         Cucumaria trachyplaca         Clark 1924           7682         Pentamera sp C         SCAMIT 2004 §           7683         Phyllophoridae sp A         SCAMIT 2004 §           7684         Phyllophoridae sp B         SCAMIT 2004 §           7685         Phyllophoridae sp B         SCAMIT 2004 §           7686         Family Cucumariidae         (Brandt 1835)           7687         Cucumaria de miniata         (Brandt 1835)           7688         Cladodactyla miniata         Brandt 1835           7689         Cucumaria piperata         (Stimpson 1864)           7690         Pentacta piperata         (Stimpson 1864)           7691         Cucumaria fisheri         Wells 1924           7692         Cucumaria pseudocurata         Vingst 1972           7693         Cucumaria pseudocurata         Deichmann 1938           7694         Cucumaria pseudocurata         Deichmann 1938           7695         Pseudocnus lubricus         (H. L. Clark 1901)           7696         Cucumaria fisheri astigmata         Wells 1924           7699         Subclass Aspidochotacea         Pseudocnus astigmatus         of P. Lambert 1990           769		· · · · · · · · · · · · · · · · · · ·	
7681         Cucumaria trachyplaca         Clark 1924           7682         Pentamera sp C         SCAMIT 2004 §           7683         Phyllophoridae sp A         SCAMIT 2004 §           7684         Phyllophoridae sp B         SCAMIT 2004 §           7685         Phyllophoridae sp B         SCAMIT 2004 §           7686         Family Cucumaridae         (Brandt 1835)           7687         Cucumaria miniata         (Brandt 1835)           7688         Cladodactyla miniata         (Stimpson 1864)           7690         Pentacta piperata         (Stimpson 1864)           7691         Cucumaria piperata         Stimpson 1864           7691         Cucumaria salma         Yingst 1972           7692         Cucumaria pseudocurata         Deichmann 1938           7694         Cucumaria pseudocurata         Deichmann 1938           7695         Pseudocnus lubricus         (H. L. Clark 1901)           7696         Cucumaria fisheri astigmata         Wells 1924           7699         Pseudocnus astigmatus         of P. Lambert 1990           7699         Subclass Aspidochitotida           7700         Order Aspidochirotida         (Stimpson 1857)           7703         Holothuria californicus         (Stimpso			
7683         Phyllophoridae sp A         SCAMIT 2004 §           7684         Phyllophoridae sp B         Lilly 1998 §           7685         Phyllophoridae sp B         SCAMIT 2004 §           7686         Family Cucumariidae         (Brandt 1835)           7687         Cucumaria miniata         (Brandt 1835)           7688         Cladodactyla miniata         Brandt 1835           7689         Cucumaria piperata         (Stimpson 1864)           7690         Pentacta piperata         Stimpson 1864           7691         Cucumaria fisheri         Wells 1924           7692         Cucumaria salma         Yingst 1972           7693         Cucumaria pseudocurata         Deichmann 1938           7694         Cucumaria pseudocurata         Deichmann 1938           7695         Pseudocnus lubricus         (H. L. Clark 1901)           7696         Cucumaria fisheri astigmata         Wells 1924           7698         Pseudocnus astigmatus         of P. Lambert 1990           7699         Subclass Aspidochotacea         Family Stichopodidae           7700         Order Aspidochirotida         (Stimpson 1857)           7703         Holothuria californicus         Stimpson 1857	7681	**	· · · · · · · · · · · · · · · · · · ·
7683         Phyllophoridae sp A         SCAMIT 2004 §           7684         Phyllophoridae sp B         Lilly 1998 §           7685         Phyllophoridae sp B         SCAMIT 2004 §           7686         Family Cucumaridae         Family Cucumaridae           7687         Cucumaria miniata         (Brandt 1835)           7688         Cladodactyla miniata         Brandt 1835           7689         Cucumaria piperata         (Stimpson 1864)           7690         Pentacta piperata         Stimpson 1864           7691         Cucumaria fisheri         Wells 1924           7692         Cucumaria salma         Yingst 1972           7693         Cucumaria pseudocurata         Deichmann 1938           7694         Cucumaria pseudocurata         Deichmann 1938           7695         Pseudocnus lubricus         (H. L. Clark 1901)           7696         Cucumaria fisheri astigmata         Wells 1924           7698         Pseudocnus astigmatus         of P. Lambert 1990           7699         Subclass Aspidochotacea         Family Stichopodidae           7700         Order Aspidochirotida         (Stimpson 1857)           7703         Holothuria californica         Stimpson 1857	7682	Pentamera sp C	SCAMIT 2004 §
7685         Phyllophoridae sp B         SCAMIT 2004 §           7686         Family Cucumariidae           7687         Cucumaria miniata         (Brandt 1835)           7688         Cladodactyla miniata         Brandt 1835           7689         Cucumaria piperata         (Stimpson 1864)           7690         Pentacta piperata         Stimpson 1864           7691         Cucumaria fisheri         Wells 1924           7692         Cucumaria salma         Yingst 1972           7693         Cucumaria pseudocurata         Deichmann 1938           7694         Cucumaria pseudocurata         Deichmann 1938           7695         Pseudocnus lubricus         (H. L. Clark 1901)           7696         Cucumaria lubrica         H. L. Clark 1901)           7697         Cucumaria fisheri astigmata         Wells 1924           7698         Pseudocnus astigmatus         of P. Lambert 1990           7699         Subclass Aspidochotacea         7700           7700         Order Aspidochirotida         Family Stichopodidae           7702         Parastichopus californicus         (Stimpson 1857)           7703         Holothuria californica         Stimpson 1857		Phyllophoridae sp A	
7686         Family Cucumariidae           7687         Cucumaria miniata         (Brandt 1835)           7688         Cladodactyla miniata         Brandt 1835           7689         Cucumaria piperata         (Stimpson 1864)           7690         Pentacta piperata         Stimpson 1864           7691         Cucumaria fisheri         Wells 1924           7692         Cucumaria salma         Yingst 1972           7693         Cucumaria pseudocurata         Deichmann 1938           7694         Cucumaria pseudocurata         Deichmann 1938           7695         Pseudocnus lubricus         (H. L. Clark 1901)           7696         Cucumaria lubrica         H. L. Clark 1901           7697         Cucumaria fisheri astigmata         Wells 1924           7698         Pseudocnus astigmatus         of P. Lambert 1990           7699         Subclass Aspidochotacea         7700           7700         Order Aspidochirotida         (Stimpson 1857)           7702         Parastichopus californicus         (Stimpson 1857)           7703         Holothuria californica         Stimpson 1857		· · · · · · · · · · · · · · · · · · ·	
7687         Cucumaria miniata         (Brandt 1835)           7688         Cladodactyla miniata         Brandt 1835           7689         Cucumaria piperata         (Stimpson 1864)           7690         Pentacta piperata         Stimpson 1864           7691         Cucumaria fisheri         Wells 1924           7692         Cucumaria salma         Yingst 1972           7693         Cucumaria pseudocurata         Deichmann 1938           7694         Cucumaria sp A         SCAMIT 2004 §           7695         Pseudocnus lubricus         (H. L. Clark 1901)           7696         Cucumaria librica         H. L. Clark 1901           7697         Cucumaria fisheri astigmata         Wells 1924           7698         Pseudocnus astigmatus         of P. Lambert 1990           7699         Subclass Aspidochotacea         7700           7700         Order Aspidochirotida         (Stimpson 1857)           7701         Family Stichopodidae         (Stimpson 1857)           7703         Holothuria californica         Stimpson 1857			SCAM11 2004 §
7688         Cladodactyla miniata         Brandt 1835           7689         Cucumaria piperata         (Stimpson 1864)           7690         Pentacta piperata         Stimpson 1864           7691         Cucumaria fisheri         Wells 1924           7692         Cucumaria salma         Yingst 1972           7693         Cucumaria pseudocurata         Deichmann 1938           7694         Cucumaria sp A         SCAMIT 2004 §           7695         Pseudocnus lubricus         (H. L. Clark 1901)           7696         Cucumaria lubrica         H. L. Clark 1901           7697         Cucumaria fisheri astigmata         Wells 1924           7698         Pseudocnus astigmatus         of P. Lambert 1990           7699         Subclass Aspidochotacea         7700           7700         Order Aspidochirotida         (Stimpson 1857)           7702         Parastichopus californicus         (Stimpson 1857)           7703         Holothuria californica         Stimpson 1857		· · · · · · · · · · · · · · · · · · ·	(Brandt 1835)
7689         Cucumaria piperata         (Stimpson 1864)           7690         Pentacta piperata         Stimpson 1864           7691         Cucumaria fisheri         Wells 1924           7692         Cucumaria salma         Yingst 1972           7693         Cucumaria pseudocurata         Deichmann 1938           7694         Cucumaria sp A         SCAMIT 2004 §           7695         Pseudocnus lubricus         (H. L. Clark 1901)           7696         Cucumaria fisheri astigmata         Wells 1924           7697         Cucumaria fisheri astigmata         Wells 1924           7698         Pseudocnus astigmatus         of P. Lambert 1990           7699         Subclass Aspidochotacea           7700         Order Aspidochirotida           7701         Family Stichopodidae           7702         Parastichopus californicus         (Stimpson 1857)           7703         Holothuria californica         Stimpson 1857			,
7690         Pentacta piperata         Stimpson 1864           7691         Cucumaria fisheri         Wells 1924           7692         Cucumaria salma         Yingst 1972           7693         Cucumaria pseudocurata         Deichmann 1938           7694         Cucumaria sp A         SCAMIT 2004 §           7695         Pseudocnus lubricus         (H. L. Clark 1901)           7696         Cucumaria lubrica         H. L. Clark 1901           7697         Cucumaria fisheri astigmata         Wells 1924           7698         Pseudocnus astigmatus         of P. Lambert 1990           7699         Subclass Aspidochotacea         7700           7701         Family Stichopodidae         (Stimpson 1857)           7702         Parastichopus californicus         (Stimpson 1857)           7703         Holothuria californica         Stimpson 1857		•	
7692         Cucumaria salma         Yingst 1972           7693         Cucumaria pseudocurata         Deichmann 1938           7694         Cucumaria sp A         SCAMIT 2004 §           7695         Pseudocnus lubricus         (H. L. Clark 1901)           7696         Cucumaria lubrica         H. L. Clark 1901           7697         Cucumaria fisheri astigmata         Wells 1924           7698         Pseudocnus astigmatus         of P. Lambert 1990           7699         Subclass Aspidochotacea         7700           7700         Order Aspidochirotida         (Stimpson 1857)           7702         Parastichopus californicus         (Stimpson 1857)           7703         Holothuria californica         Stimpson 1857			\ 1 /
7693         Cucumaria pseudocurata         Deichmann 1938           7694         Cucumaria sp A         SCAMIT 2004 §           7695         Pseudocnus lubricus         (H. L. Clark 1901)           7696         Cucumaria lubrica         H. L. Clark 1901           7697         Cucumaria fisheri astigmata         Wells 1924           7698         Pseudocnus astigmatus         of P. Lambert 1990           7699         Subclass Aspidochotacea         7700           7701         Family Stichopodidae         (Stimpson 1857)           7702         Parastichopus californicus         (Stimpson 1857)           7703         Holothuria californica         Stimpson 1857	7691	Cucumaria fisheri	Wells 1924
7694         Cucumaria sp A         SCAMIT 2004 §           7695         Pseudocnus lubricus         (H. L. Clark 1901)           7696         Cucumaria lubrica         H. L. Clark 1901           7697         Cucumaria fisheri astigmata         Wells 1924           7698         Pseudocnus astigmatus         of P. Lambert 1990           7699         Subclass Aspidochotacea         7700           7700         Order Aspidochirotida         7701           7701         Family Stichopodidae         (Stimpson 1857)           7703         Holothuria californica         Stimpson 1857			
7695 Pseudocnus lubricus (H. L. Clark 1901) 7696 Cucumaria lubrica H. L. Clark 1901 7697 Cucumaria fisheri astigmata Wells 1924 7698 Pseudocnus astigmatus of P. Lambert 1990 7699 Subclass Aspidochotacea 7700 Order Aspidochirotida 7701 Family Stichopodidae 7702 Parastichopus californicus (Stimpson 1857) 7703 Holothuria californica Stimpson 1857			
7696 Cucumaria lubrica H. L. Clark 1901 7697 Cucumaria fisheri astigmata Wells 1924 7698 Pseudocnus astigmatus of P. Lambert 1990 7699 Subclass Aspidochotacea 7700 Order Aspidochirotida 7701 Family Stichopodidae 7702 Parastichopus californicus (Stimpson 1857) 7703 Holothuria californica Stimpson 1857		1	v
7697 Cucumaria fisheri astigmata Wells 1924 7698 Pseudocnus astigmatus of P. Lambert 1990 7699 Subclass Aspidochotacea 7700 Order Aspidochirotida 7701 Family Stichopodidae 7702 Parastichopus californicus (Stimpson 1857) 7703 Holothuria californica Stimpson 1857			,
7698 Pseudocnus astigmatus of P. Lambert 1990 7699 Subclass Aspidochotacea 7700 Order Aspidochirotida 7701 Family Stichopodidae 7702 Parastichopus californicus (Stimpson 1857) 7703 Holothuria californica Stimpson 1857			
7699 Subclass Aspidochotacea 7700 Order Aspidochirotida 7701 Family Stichopodidae 7702 Parastichopus californicus (Stimpson 1857) 7703 Holothuria californica Stimpson 1857		· · · · · · · · · · · · · · · · · · ·	
7700 Order Aspidochirotida 7701 Family Stichopodidae 7702 Parastichopus californicus (Stimpson 1857) 7703 Holothuria californica Stimpson 1857		· · · · · · · · · · · · · · · · · · ·	S Edinboit 1000
7702 Parastichopus californicus (Stimpson 1857) 7703 Holothuria californica Stimpson 1857		·	
7703 Holothuria californica Stimpson 1857	7701	Family Stichopodidae	
			` 1
7704 Stichopus californicus of H. L. Clark 1901			·
	7704	Stichopus californicus	от н. L. Clark 1901

7705	Stichopus fuscus	Théel 1886
7706	Parastichopus leucothele	Lambert 1986
7707	Parastichopus parvimensis	(H. L. Clark 1913)
7708		H. L. Clark 1913
7709	and the second s	SCAMIT 2004 §
	$\Gamma$	v
7710	Parastichopus sp A	SCAMIT 1998 §
7711	Family Synallactidae	
7712	Synallactes virgulisolida	Massin & Hendrickx 2010
7713	Synallactes alexandri	of SCAMIT Ed 5 not Ludwig 1894
7714	· · · · · · · · · · · · · · · · · · ·	3
7715	,	FT / 1 100 <b>2</b>
7716	Pannychia moseleyi	Théel 1882
7717	Laetmophasma fecundum	Ludwig 1894
7718	Pannychia moseleyi var henrici	Ludwig 1894
7719	• • •	Fisher 1907
7720	·	Tioner Toor
7721	Order Apodida	
7722	, , , , , , , , , , , , , , , , , , ,	
7723	Leptosynapta sp	
7724	Family Chiridotidae	
7725	•	
7726	1	
7727	· · · · · · · · · · · · · · · · · · ·	
7728	Order Molpadida	
7729	Family Molpadiidae	
7730	Molpadia intermedia	(Ludwig 1894)
7731	Trochostoma intermedium	Ludwig 1894
		Ludwig 1094
7732		(0.1
7733		(Stimpson 1857)
7734	Liosoma arenicola	Stimpson 1857
7735	Molpadia arenicola	of H. L. Clark 1907
7736	Trochostoma arenicola	of Théel 1886
7737	Paracaudina chilensis	(J. Müller 1850)
		,
7738	·	J. Müller 1850
7739	Caudina chilensis	of H. L. Clark 1907
7740	Caudina pulchella	R. Perrier 1905
7741	Caudina rugosa	R. Perrier 1904
7742		
7743	unidentified	
	PHYLUM PHORONA	
7745		
7746	Family Phoronidae	
7747	Phoronis sp	
7748	Phoronopsis sp	
	PHYLUM BRACHIOPODA	
7750		
7751	Order Lingulida	
7752	Superfamily Linguloidea	
7753	Family Lingulidae	
7754	Glottidia albida	(Hinds 1844)
7755	Lingula albida	Hinds 1844
	· · · · · · · · · · · · · · · · · · ·	
7756		of Keep 1904
7757	·	Dall 1920
7758	Class Articulata	
7759	Order Terebratulida	
7760		
	Suborder Terebratulidina	
7761	Superfamily Cancellothyridoidea	
7761 7762	Superfamily Cancellothyridoidea Family Cancellothyrididae	D. 11. 1000
7761 7762 7763	Superfamily Cancellothyridoidea Family Cancellothyrididae Terebratulina crossei	Davidson 1882
7761 7762	Superfamily Cancellothyridoidea Family Cancellothyrididae Terebratulina crossei	Davidson 1882 of Davidson 1886
7761 7762 7763	Superfamily Cancellothyridoidea Family Cancellothyrididae  Terebratulina crossei  Terebratulina crossii	
7761 7762 7763 7764	Superfamily Cancellothyridoidea Family Cancellothyrididae  Terebratulina crossei  Terebratulina crossii  Terebratulina kiiensis	of Davidson 1886 Dall & Pilsbry 1891
7761 7762 7763 7764 7765 7766	Superfamily Cancellothyridoidea Family Cancellothyrididae  Terebratulina crossei  Terebratulina crossii  Terebratulina kiiensis  Terebratulina unguicula	of Davidson 1886 Dall & Pilsbry 1891 (Carpenter 1864)
7761 7762 7763 7764 7765 7766 7767	Superfamily Cancellothyridoidea Family Cancellothyrididae  Terebratulina crossei  Terebratulina crossii  Terebratulina kiiensis  Terebratulina unguicula  Terebratulus unguicula	of Davidson 1886 Dall & Pilsbry 1891
7761 7762 7763 7764 7765 7766 7767 7768	Superfamily Cancellothyridoidea Family Cancellothyrididae Terebratulina crossei Terebratulina crossii Terebratulina kiiensis Terebratulina unguicula Terebratulis unguicula Suborder Terebratellidina	of Davidson 1886 Dall & Pilsbry 1891 (Carpenter 1864)
7761 7762 7763 7764 7765 7766 7767 7768 7769	Superfamily Cancellothyridoidea Family Cancellothyrididae  Terebratulina crossei  Terebratulina crossii  Terebratulina kiiensis  Terebratulina unguicula  Terebratulius unguicula  Suborder Terebratellidina  Superfamily Terebratelloidea	of Davidson 1886 Dall & Pilsbry 1891 (Carpenter 1864)
7761 7762 7763 7764 7765 7766 7767 7768	Superfamily Cancellothyridoidea Family Cancellothyrididae Terebratulina crossei Terebratulina crossii Terebratulina kiiensis Terebratulina unguicula Terebratulis unguicula Suborder Terebratellidina	of Davidson 1886 Dall & Pilsbry 1891 (Carpenter 1864)
7761 7762 7763 7764 7765 7766 7767 7768 7769	Superfamily Cancellothyridoidea Family Cancellothyrididae  Terebratulina crossei  Terebratulina crossii  Terebratulina kiiensis  Terebratulina unguicula  Terebratulius unguicula  Suborder Terebratellidina  Superfamily Terebratelloidea	of Davidson 1886 Dall & Pilsbry 1891 (Carpenter 1864)
7761 7762 7763 7764 7765 7766 7767 7768 7769 7770	Superfamily Cancellothyridoidea Family Cancellothyrididae Terebratulina crossei Terebratulina crossii Terebratulina kiiensis Terebratulina unguicula Terebratulus unguicula Suborder Terebratellidina Superfamily Terebratelloidea Family Laqueidae Laqueus californianus	of Davidson 1886 Dall & Pilsbry 1891 (Carpenter 1864) Carpenter 1864 Koch 1847
7761 7762 7763 7764 7765 7766 7767 7768 7769 7770 7771	Superfamily Cancellothyridoidea Family Cancellothyrididae Terebratulina crossei Terebratulina crossii Terebratulina kiiensis Terebratulina unguicula Terebratulus unguicula Suborder Terebratellidina Superfamily Terebratelloidea Family Laqueidae Laqueus californianus Laqueus californicus	of Davidson 1886 Dall & Pilsbry 1891 (Carpenter 1864) Carpenter 1864  Koch 1847 of Dall 1870
7761 7762 7763 7764 7765 7766 7767 7768 7769 7770 7771 7772 7773	Superfamily Cancellothyridoidea Family Cancellothyrididae Terebratulina crossei Terebratulina crossii Terebratulina kiiensis Terebratulina unguicula Terebratulius unguicula Suborder Terebratellidina Superfamily Terebratelloidea Family Laqueidae Laqueus californianus Laqueus californicus Laqueus erythraeus	of Davidson 1886 Dall & Pilsbry 1891 (Carpenter 1864) Carpenter 1864  Koch 1847 of Dall 1870 Dall 1920
7761 7762 7763 7764 7765 7766 7767 7768 7769 7770 7771 7772 7773 7774	Superfamily Cancellothyridoidea Family Cancellothyrididae Terebratulina crossei Terebratulina crossii Terebratulina kiiensis Terebratulina unguicula Terebratuliua unguicula Suborder Terebratellidina Superfamily Terebratelloidea Family Laqueidae Laqueus californianus Laqueus erythraeus Laqueus vancouveriensis diegensis	of Davidson 1886 Dall & Pilsbry 1891 (Carpenter 1864) Carpenter 1864  Koch 1847 of Dall 1870 Dall 1920 Hertlein & Grant 1960
7761 7762 7763 7764 7765 7766 7767 7768 7769 7770 7771 7772 7773 7774 7775	Superfamily Cancellothyridoidea Family Cancellothyrididae Terebratulina crossei Terebratulina crossii Terebratulina kiiensis Terebratulina unguicula Terebratulius unguicula Suborder Terebratellidina Superfamily Terebratelloidea Family Laqueidae Laqueus californicus Laqueus erythraeus Laqueus vancouveriensis diegensis Megerlia Jeffreysi	of Davidson 1886 Dall & Pilsbry 1891 (Carpenter 1864) Carpenter 1864  Koch 1847 of Dall 1870 Dall 1920 Hertlein & Grant 1960 Dall 1877
7761 7762 7763 7764 7765 7766 7767 7768 7769 7770 7771 7772 7773 7774	Superfamily Cancellothyridoidea Family Cancellothyrididae Terebratulina crossei Terebratulina crossii Terebratulina kiiensis Terebratulina unguicula Terebratulius unguicula Suborder Terebratellidina Superfamily Terebratelloidea Family Laqueidae Laqueus californicus Laqueus erythraeus Laqueus vancouveriensis diegensis Megerlia Jeffreysi	of Davidson 1886 Dall & Pilsbry 1891 (Carpenter 1864) Carpenter 1864  Koch 1847 of Dall 1870 Dall 1920 Hertlein & Grant 1960

7777	Terebratula californianus f. vancouveriensis	Davidson 1877
7778 7779	Terebratula californica	of G. B. Sowerby II 1847 Küster in Martini-Chemnitz 1848
7780	Terebratula kochii Waldheimia californica	
7781	Family Dallinidae	of Gray 1853
7782	Terebratalia occidentalis	(Dall 1871)
7783	Terebratella occidentalis	Dall 1871
7784	Dallinella obsoleta	of Thompson 1915
7785	Dallinella occidentalis	of Thompson 1927
7786	Miogryphus willetti	Hertlein & Grant 1944
7787	Terebratalia arnoldi	Hertlein & Grant 1944
7788	Terebratella occidentalis var obsoleta	Dall 1891
7789	Waldheimia Kennedyi	Dall 1874
7790	Terebratalia transversa	(G. B. Sowerby I 1846)
7791	Terebratula transversa	G. B. Sowerby I 1846
7792 7793	Terebratalia caurina rubescens	of Dall 1920 Dall 1902
7794	Terebratalia hemphilli Terebratalia hemphillii	of Carson 1925
7795	Terebratalia obsoleta	of DuBois 1916 not (G. B. Sowerby II 1846)
7796	Terebratalia obsoleta  Terebratalia rubescens	Hatai 1936
7797	Terebratella coreanica	of Carpenter 1864 not (Adams & Reeve 1850)
7798	Terebratula caurina	Gould 1852
7799	Terebratula caurina transversa	Gould 1850
7800	Terebratulina transversa	of Dall 1907
7801	Waldheimia grayi	of Carpenter 1864 not (Davidson 1852)
7802	Family Platidiidae	
7803	Platidia hornii	(Gabb 1861)
7804	Morrisia hornii	Gabb 18 <mark>6</mark> 1
	PHYLUM ECTOPROCTA	
7806 7807	Class Stenolaemata	
7808	Order Cyclostomata Suborder Tubuliporina	
7809	Family Annectocymidae	
7810	Diaperoforma californica	(d'Orbigny 1852)
7811	Idmonea californica	d'Orbigny 1852
7812	Diaperoecia californica	of Osburn 1953
7813	Family Tubuliporidae	
7814	Platonea sp	
7815	Tubulipora tuba	(Gabb & Horn 1862)
7816	Semitubigera tuba	Gabb & Horn 1862
7817	Tubulipora occidentalis	Robertson 1910
7818 7819	Suborder Articulata	
7820	Family Crisiidae Crisia occidentalis	Trask 1857
7821	Crisia occurenturis  Crisia eburnea	Robertson 1903
7822	Filicrisia sp	Trobotroom Tood
7823	Suborder Rectangulata	
7824	Family Lichenoporidae	
7825	Disporella sp	
7826	Class Gymnolaemata	
7827	Order Ctenostomata	
7828	Suborder Protoctenostomata	
7829	Superfamily Alcyonidioidea	
7830	Family Alcyonidiidae	MEC 1001 8
7831 7832	Alcyonidium sp A Family Clavoporidae	MEC 1991 §
7833	Clavoporta occidentalis	(Fewkes 1889)
7834	Ascorhiza occidentalis	Fewkes 1889
7835	Clavopora sp A	MBC 1984 §
7836	Superfamily Valkerioidea	
7837	Family Triticellidae	
7838	Triticella elongata	(Osburn 1912)
7839	Hippuraria elongata	Osburn 1912
7840	Superfamily Arachnidioidea	
7841	Family Arachnidiidae	
7842	Anguinella palmata	van Beneden 1845
7843	Nolella sp	
7844	Superfamily Vesicularoidea	
7845 7846	Family Vesiculariidae Amathia distans	Busk 1886
7847	Amama aisans Bowerbankia gracilis	Leidy 1855
7848	Bowerbankia caudata	Hincks 1880

7849	Zoobotryon verticillatum	(delle Chiaje 1828)
7850	Hydra verticillata	delle Chiaje 1828
7851 7852	Zoobotryon pellucidus Order Cheilostomata	Ehrenberg 1831
7853	Suborder Anasca	
7854	Superfamily Malacostegoidea	
7855	Family Membraniporidae	
7856	Conopeum commensale	Kirkpatrick & Metzelaar 1922
7857	Flustra savartii	Audouin 1826
7858	Acanthodesia savarti	of Osburn 1947
7859	Acanthodesia savartii	of Canu & Bassler 1920
7860 7861	Biflustra Savartii	of Smitt 1873 Desor 1848
7862	<i>Membranipora tenuis</i> Membranipora denticulata	Busk 1856
7863	Acanthodesia denticulata	of Hastings 1930
7864	Biflustra denticulata	of Smitt 1873
7865	Hemiseptella denticulata	of Canu & Bassler 1928
7866	Jellyella tuberculata	(Bosc 1802)
7867	Flustra tuberculata	Bosc 1802 in part
7868	Membranipora tehuelcha	of Robertson 1908
7869 7870	Membranipora tuberculata	of Osburn 1947
7870 7871	Nichtina tuberculata  Family Hincksinidae	of Harmer 1926
7872	Antropora tincta	(Hastings 1930)
7873	Crassimarginatella tincta	Hastings 1930
7874	Membranipora lacroixii	of Robertson 1908 in part
7875	Family Calloporidae	
7876	Cauloramphus echinus	(Hinks 1882)
7877	Membranipora echinus	Hincks 1882
7878	Tegella aquilirostris	(O'Donoghue 1923)
7879 7880	Membranipora aquilirostris	O'Donoghue 1923
7880 7881	Tegella circumclathrata Membranipora circumclathrata	(Hincks 1881) Hincks 1881
7882	Callopora circumclathrata	of Osburn 1950
7883	Retevirgula circumclathrata	of Brown 1948
7884	Family Chapperiidae	
7885	Chapperiopsis californica	(Osburn 1950)
7886	Chapperia californica	Osburn 1950
7887	Chapperiopsis patula	(Hincks 1881)
7888 7889	Membranipora patula	Hincks 1881
7890	Amphiblestrum patulum Chapperia patula	of O'Donoghue 1926 of Osburn 1950
7891	Superfamily Coilostegoidea	or Osbum 1990
7892	Family Microporidae	
7893	<i>Micropora</i> sp	
7894	Family Thalamoporellidae	
7895	Thalamoporella californica	Levinsen 1909
7896	Thalamoporella rozieri var californica	Levinsen 1909
7897 7898	Steganoporella rozieri form gothica Family Lunulariidae	Hincks 1880
7899	Discoporella umbellata	(Defrance 1823)
7900	Lunulites umbellata	Defrance 1823
7901	Superfamily Pseudostegoidea	
7902	Family Cellariidae	
7903	Cellaria diffusa	Robertson 1905
7904	Cellaria fissurifera	Canu & Bassler 1923
7905 7906	Cellaria mandibulata Superfamily Cellularoidea	Hincks 1882
7907	Family Candidae	
7908	Scrupocellaria diegensis	Robertson 1905
7909	Scrupocellaria ferox	Busk 1862
7910	Scrupocellaria cyclostomata	Kirkpatrick 1890
7911	Scrupocellaria varians	Hincks 1882
7912	Tricellaria occidentalis	(Trask 1857)
7913	Menipea occidentalis	Trask 1857
7914 7015	Tricellaria praescuta	Osburn 1950
7915 7916	Family Epistomiidae Synnotum aegyptiacum	(Audouin 1826)
7916 7917	Synnotum degyptidcum  Loricaria aegyptiaca	Audouin 1826
7918	Synnotum aviculare	Robertson 1906
7919	Family Bugulidae	
7920	Bugula longirostata	Robertson 1905

7921		Bugula neritina	(Linnaeus 1758)
7922		Sertularia neritina	Linnaeus 1758
7923		Bugula pacifica	Robertson 1905
7924		Bugula purpurotincta	of Robertson 1900 not Norman 1868
7925		Caulibugula californica	(Robertson 1905)
7926		Stirparia californica	Robertson 1905
7927		Stirpariella californica	of O'Donoghue 1926
7928		Caulibugula ciliata	(Robertson 1905)
7929		Stirparia ciliata	Robertson 1905
7930		Dendrobeania curvirostrata	(Robertson 1905)
7931		Bugula curvirostrata	Robertson 1905
		•	Robertson 1905
7932		Family Petraliidae	0.1
7933		Hippopodina californica	Osburn 1952
7934	Suborde	er Ascophora	
7935		Family Hippothoidae	
7936		Celleporella hyalina	(Linnaeus 1767)
7937		Cellepora hyalina	Linnaeus 1767
7938		Hippothoa hyalina	of Osburn 1952
		., .	
7939		Schizoporella hyalina	of Robertson 1900
7940		Hippodiplosia insculpta	(Hincks 1882)
7941		Schizoporella insculpta	Hincks 1882
7942		Family Schizoporellidae	
7943		Schizoporella inarmata	Hincks 1884
7944		Schizoporella linearia var inarmata	Hincks 1884
7945		Family Microporellidae	Timoke 1004
		·	
7946		Microporella sp	
7947		Family Smittinidae	
7948		Parasmittina californica	(Robertson 1908)
7949		Mucronella californica	Robertson 1908
7950		Parasmittina trispinosa	of SCAMIT Ed 4 not (Johnson 1838)
7951		Parasmittina tubulata	Osborn 1952
7952		Smittina sp	0500111752
7953		•	
		Family Celleporidae	(Co. 8 Double 1022)
7954		Celleporina robertsoniae	(Canu & Bassler 1923)
7955		Costazzia robertsoniae	Canu & Bassler 1923
7956		Cellepora costazi	of Robertson 1908 in part
7957		Costazia robersoniae	of Osborn 1952
7958		Celleporina souleae	Morris 1979
7959		Costazia costazi	of Osburn 1952 in part not (Audouin 1826)
7960		Family Celloporariidae	or osbarii 1992 iii partiiot (Addodiii 1920)
		·	(II;11004)
7961		Celleporaria brunnea	(Hincks 1884)
7962		Cellepora brunnea	Hincks 1884
7963		Holoporella brunnea	of Osburn 1952
7964		Family Phidoloporidae	
7965		Phidolopora labiata	Gabb & Horn 1863
7966		Phidolopora pacifica	(Robertson 1908)
7967		Rhynchozoon sp	(Nobolicon 1000)
		Family Rhamphostomellidae	
7968		•	
7969		Rhamphostomella sp	
7970		Family Phylactellidae	
7971		Lagenicella sp	
7972		Family Myriaporidae	
7973		Myriozoum sp	
7974		Family Watersiporidae	
7975		Watersipora subtorquata	(d'Orbigny 1850)
	DUVI UM CUODDATA	ν αιετειροτά εμοιοτημαία	(d Offigny 1830)
	PHYLUM CHORDATA		
7977	Subphylum Hemichordata		
7978	Class Enteropneusta		
7979		Family Ptychoderidae	
7980		Balanoglossus sp	
7981		Family Spengeliidae	
7982		Schizocardium sp	
7983		Family Harrimaniidae	
7984		Saccoglossus sp	
7985		Stereobalanus sp	
7986	Subphylum Urochordata		
7987	Class Ascidiacea		
7988	Order Aplo	usobranchiata	
7989		Family Polycitoridae	
7990		Cystodytes lobatus	(Ritter 1900)
7991		Distoma lobata	Ritter 1900)
7992		Cystodites cretaceous	of Ritter 1907 not von Drasche 1883

7993	Eudistoma lobatum	of Hartmeyer 1909-1911
7994	Family Holozoidae	•
7995	Distaplia occidentalis	Bancroft 1899
7996	Distaplia californica	Michaelsen 1923
7997 7998	Holozoa occidentalis  Family Polyclinidae	of Hartmeyer 1909-1911
7999	Polyclinum planum	(Ritter & Forsyth 1917)
8000	Glossophorum planum	Ritter & Forsyth 1917
8001	Order Phlebobranchiata	·
8002	Family Cionidae	
8003	Ciona intestinalis	(Linnaeus 1767)
8004 8005	Ascidia intestinalis Ascidia canina	Linnaeus 1767
8005	Ascidia carilira Ascidia ocellata	O. F. Müller 1777 L. Agassiz 1850
8007	Ciona canina	of Traustedt 1880
8008	Ciona ocellata	of Verrill 1880
8009	Ciona sociabilis	of Hartmeyer 1915
8010	Tethyum sociabile	Gunnerus 1765
8011	Ciona savignyi	Herdman 1882
8012 8013	Family Perophoridae Perophora annectens	Ritter 1893
8014	Family Corellidae	Kittel 1873
8015	Chelvosoma columbianum	Huntsman 1912
8016	Chelyosoma productum	Stimpson 1864
8017	Chelyosoma producta	Stimpson 1864
8018	Corella willmeriana	Herdman 1898
8019	Corella rugosa	Huntsman 1912
8020 8021	Family Ascidiidae Ascidia zara	Oka 1935
8022	Family Agneziidae	OKa 1933
8023	Agnezia septentrionalis	(Huntsman 1912)
8024	Agnesia septentrionalis	Huntsman 1912
8025	Agnesia beringia	Ritter 1913
8026	Order Stolidobranchiata	
8027 8028	Family Styelidae  **Botrylloides sp	
8029	Cnemidocarpa rhizopus	(Redikorzev 1907)
8030	Styela rhizopus	Redikorzev 1907
8031	Cnemidocarpa cirrata	Ärnbäck 1922
8032	Cnemidocarpa sabulifera	Hartmeyer 1923
8033	Styela sabulifera	of Ritter 1913
8034 8035	Metandrocarpa taylori	Huntsman 1912 (Van Name 1931)
8036	Polyandrocarpa zorritensis Stolonica zorritensis	Van Name 1931
8037	Styela canopus	Savigny 1816
8038	Styela barbaris	Kott 1952
8039	Styela partita	(Stimpson 1852)
8040	Styela rectangularis	Kott 1952
8041	Styela clava	
	Charle beauti	Herdman 1881
8042 8043	Styela barnhardti	Herdman 1881 of Van Name 1945 not Ritter & Forsyth 1917
8043	Styela coriacea	Herdman 1881 of Van Name 1945 not Ritter & Forsyth 1917 (Alder & Hancock 1848)
		Herdman 1881 of Van Name 1945 not Ritter & Forsyth 1917
8043 8044	<i>Styela coriacea</i> Cynthia coriacea	Herdman 1881 of Van Name 1945 not Ritter & Forsyth 1917 (Alder & Hancock 1848) Alder & Hancock 1848
8043 8044 8045 8046 8047	<i>Styela coriacea</i> Cynthia coriacea Ascidia lovenii	Herdman 1881 of Van Name 1945 not Ritter & Forsyth 1917 (Alder & Hancock 1848) Alder & Hancock 1848 M. Sars 1851
8043 8044 8045 8046 8047 8048	Styela coriacea Cynthia coriacea Ascidia lovenii Cynthia placenta Goniocarpa coccodes Goniocarpa coriacea	Herdman 1881 of Van Name 1945 not Ritter & Forsyth 1917 (Alder & Hancock 1848) Alder & Hancock 1848 M. Sars 1851 Packard 1867 Huntsman 1912 of Huntsman 1912
8043 8044 8045 8046 8047 8048 8049	Styela coriacea Cynthia coriacea Ascidia lovenii Cynthia placenta Goniocarpa coccodes Goniocarpa coriacea Goniocarpa lovenii	Herdman 1881 of Van Name 1945 not Ritter & Forsyth 1917 (Alder & Hancock 1848) Alder & Hancock 1848 M. Sars 1851 Packard 1867 Huntsman 1912 of Huntsman 1912 of Huntsman 1912
8043 8044 8045 8046 8047 8048 8049 8050	Styela coriacea Cynthia coriacea Ascidia lovenii Cynthia placenta Goniocarpa coccodes Goniocarpa coriacea Goniocarpa lovenii Goniocarpa placenta	Herdman 1881 of Van Name 1945 not Ritter & Forsyth 1917 (Alder & Hancock 1848) Alder & Hancock 1848 M. Sars 1851 Packard 1867 Huntsman 1912 of Huntsman 1912 of Huntsman 1912 of Huntsman 1912
8043 8044 8045 8046 8047 8048 8049 8050 8051	Styela coriacea Cynthia coriacea Ascidia lovenii Cynthia placenta Goniocarpa coccodes Goniocarpa coriacea Goniocarpa lovenii Goniocarpa placenta Styela loveni	Herdman 1881 of Van Name 1945 not Ritter & Forsyth 1917 (Alder & Hancock 1848) Alder & Hancock 1848 M. Sars 1851 Packard 1867 Huntsman 1912 of Huntsman 1912
8043 8044 8045 8046 8047 8048 8049 8050	Styela coriacea Cynthia coriacea Ascidia lovenii Cynthia placenta Goniocarpa coccodes Goniocarpa coriacea Goniocarpa lovenii Goniocarpa placenta	Herdman 1881 of Van Name 1945 not Ritter & Forsyth 1917 (Alder & Hancock 1848) Alder & Hancock 1848 M. Sars 1851 Packard 1867 Huntsman 1912 of Huntsman 1912 of Huntsman 1912 of Huntsman 1912
8043 8044 8045 8046 8047 8048 8049 8050 8051 8052 8053 8054	Styela coriacea Cynthia coriacea Ascidia lovenii Cynthia placenta Goniocarpa coccodes Goniocarpa coriacea Goniocarpa lovenii Goniocarpa placenta Styela loveni Stelya lovenii Tethyum coriaceum Tethyum loveni	Herdman 1881 of Van Name 1945 not Ritter & Forsyth 1917 (Alder & Hancock 1848) Alder & Hancock 1848 M. Sars 1851 Packard 1867 Huntsman 1912 of Hartmeyer 1914 of Hartmeyer 1914
8043 8044 8045 8046 8047 8048 8050 8051 8052 8053 8054 8055	Styela coriacea Cynthia coriacea Ascidia lovenii Cynthia placenta Goniocarpa coccodes Goniocarpa coriacea Goniocarpa lovenii Goniocarpa placenta Styela lovenii Stelya lovenii Tethyum coriaceum Tethyum loveni Styela gibbsii	Herdman 1881 of Van Name 1945 not Ritter & Forsyth 1917 (Alder & Hancock 1848) Alder & Hancock 1848 M. Sars 1851 Packard 1867 Huntsman 1912 of Hartmeyer 1914 of Hartmeyer 1914 of Hartmeyer 1912 (Stimpson 1864)
8043 8044 8045 8046 8047 8048 8059 8051 8052 8053 8054 8055 8056	Styela coriacea Cynthia coriacea Ascidia lovenii Cynthia placenta Goniocarpa coccodes Goniocarpa coriacea Goniocarpa lovenii Goniocarpa placenta Styela loveni Stelya lovenii Tethyum coriaceum Tethyum loveni Styela gibbsii Cynthia gibbsii	Herdman 1881 of Van Name 1945 not Ritter & Forsyth 1917 (Alder & Hancock 1848) Alder & Hancock 1848 M. Sars 1851 Packard 1867 Huntsman 1912 of Huntsman 1912 of Huntsman 1912 of Huntsman 1912 of Fluntsman 1912 of Huntsman 1912 of Huntsman 1912 of Alter 1913 of Hartmeyer 1914 of Hartmeyer 1912 of Hartmeyer 1912 (Stimpson 1864) Stimpson 1864
8043 8044 8045 8046 8047 8048 8059 8051 8052 8053 8054 8055 8056 8057	Styela coriacea Cynthia coriacea Ascidia lovenii Cynthia placenta Goniocarpa coccodes Goniocarpa coriacea Goniocarpa lovenii Goniocarpa placenta Styela loveni Stelya lovenii Tethyum coriaceum Tethyum loveni Styela gibbsii Cynthia gibbsii Tethyum gibsii	Herdman 1881 of Van Name 1945 not Ritter & Forsyth 1917 (Alder & Hancock 1848) Alder & Hancock 1848 M. Sars 1851 Packard 1867 Huntsman 1912 of Fitter 1913 of Hartmeyer 1914 of Hartmeyer 1912 of Hartmeyer 1912 (Stimpson 1864) Stimpson 1864 of Hartmeyer 1909-1911
8043 8044 8045 8046 8047 8048 8050 8051 8052 8053 8054 8055 8056 8057 8058	Styela coriacea Cynthia coriacea Ascidia lovenii Cynthia placenta Goniocarpa coccodes Goniocarpa coriacea Goniocarpa lovenii Goniocarpa placenta Styela lovenii Stelya lovenii Tethyum coriaceum Tethyum loveni Styela gibbsii Cynthia gibbsii Tethyum gibsii Styela montereyensis	Herdman 1881 of Van Name 1945 not Ritter & Forsyth 1917 (Alder & Hancock 1848) Alder & Hancock 1848 M. Sars 1851 Packard 1867 Huntsman 1912 of Hartmeyer 1914 of Hartmeyer 1914 of Hartmeyer 1912 (Stimpson 1864) Stimpson 1864 of Hartmeyer 1909-1911 (Dall 1872)
8043 8044 8045 8046 8047 8048 8059 8051 8052 8053 8054 8055 8056 8057	Styela coriacea Cynthia coriacea Ascidia lovenii Cynthia placenta Goniocarpa coccodes Goniocarpa coriacea Goniocarpa lovenii Goniocarpa placenta Styela loveni Stelya lovenii Tethyum coriaceum Tethyum loveni Styela gibbsii Cynthia gibbsii Tethyum gibsii	Herdman 1881 of Van Name 1945 not Ritter & Forsyth 1917 (Alder & Hancock 1848) Alder & Hancock 1848 M. Sars 1851 Packard 1867 Huntsman 1912 of Fitter 1913 of Hartmeyer 1914 of Hartmeyer 1912 of Hartmeyer 1912 (Stimpson 1864) Stimpson 1864 of Hartmeyer 1909-1911
8043 8044 8045 8046 8047 8048 8050 8051 8052 8053 8054 8055 8056 8057 8058 8059	Styela coriacea Cynthia coriacea Ascidia lovenii Cynthia placenta Goniocarpa coccodes Goniocarpa coriacea Goniocarpa lovenii Goniocarpa placenta Styela loveni Stelya lovenii Tethyum coriaceum Tethyum loveni  Styela gibbsii Cynthia gibbsii Tethyum gibsii Styela montereyensis Cynthia montereyensis	Herdman 1881 of Van Name 1945 not Ritter & Forsyth 1917 (Alder & Hancock 1848) Alder & Hancock 1848 M. Sars 1851 Packard 1867 Huntsman 1912 of Hartmeyer 1914 of Hartmeyer 1914 of Hartmeyer 1912 (Stimpson 1864) Stimpson 1864 of Hartmeyer 1909-1911 (Dall 1872) Dall 1872
8043 8044 8045 8046 8047 8048 8050 8051 8052 8053 8054 8055 8056 8057 8058 8059 8060 8061 8062	Styela coriacea Cynthia coriacea Ascidia lovenii Cynthia placenta Goniocarpa coccodes Goniocarpa coriacea Goniocarpa lovenii Goniocarpa placenta Styela lovenii Stelya lovenii Tethyum coriaceum Tethyum loveni Styela gibbsii Cynthia gibbsii Tethyum gibsii Styela montereyensis Clavellinopsis rubra Styela rubra Tethyum montereyense	Herdman 1881 of Van Name 1945 not Ritter & Forsyth 1917 (Alder & Hancock 1848) Alder & Hancock 1848 M. Sars 1851 Packard 1867 Huntsman 1912 of Hartmeyer 1914 of Hartmeyer 1914 of Hartmeyer 1912 (Stimpson 1864) Stimpson 1864 of Hartmeyer 1909-1911 (Dall 1872) Dall 1872 Fewkes 1889 of Ritter 1896 of Hartmeyer 1909-1911
8043 8044 8045 8046 8047 8048 8050 8051 8052 8053 8054 8055 8056 8057 8058 8059 8060 8061	Styela coriacea Cynthia coriacea Ascidia lovenii Cynthia placenta Goniocarpa coccodes Goniocarpa coriacea Goniocarpa placenta Styela lovenii Stelya lovenii Tethyum coriaceum Tethyum loveni Styela gibbsii Cynthia gibbsii Tethyum gibsii Styela montereyensis Clavellinopsis rubra Styela rubra	Herdman 1881 of Van Name 1945 not Ritter & Forsyth 1917 (Alder & Hancock 1848) Alder & Hancock 1848 M. Sars 1851 Packard 1867 Huntsman 1912 of Hartmeyer 1914 of Hartmeyer 1914 of Hartmeyer 1912 (Stimpson 1864) Stimpson 1864 of Hartmeyer 1909-1911 (Dall 1872) Dall 1872 Fewkes 1889 of Ritter 1896

8065	Styela gyrosa	Heller 1877
8066	Styela barnharti	Ritter & Forsyth 1917
8067	Tethyum plicatum	of Hartmeyer 1909-1911
8068	Styela truncata	Ritter 1901
8069	Katatropa uclueletensis	Huntsman 1912
8070	Katatropa vancouverensis	Huntsman 1912
8071	Tethyum truncatum	of Hartmeyer 1909-1911
8072	Family Pyuridae	
8073	Bathypera feminalba	Young & Vazquez 1995
8074	Bathypera ovoida	(Ritter 1907)
8075	Halomolgula ovoida	Ritter 1907
8076	Bathypera splendens	Herdman 1923 in part
8077	Boltenia echinata	(Linnaeus 1767)
8078	Ascidia echinata	Linnaeus 1767
8079	Ascidia hirsuta	Agassiz 1850
8080	Boltenia hirsuta	of Huntsman 1912
8081	Cynthia arctica	Hartmeyer 1899
8082	Cynthia echinata	of Stimpson 1854
8083	Halocynthia echinata	of Ritter 1913
8084	Boltenia villosa	(Stimpson 1864)
8085	Cynthia villosa	Stimpson 1864
8086	Halocynthia castaneiformis	of Ritter 1913
8087	Halocynthia villosa	of Ritter 1907
8088	Halocynthia igaboja	Oka 1906
8089	Halocynthia okai	Ritter 1907
8090	Pyura okai	of Hartmeier 1909-1911
8091	Tethyum igaboja	of Huntsman 1912
8092	Microcosmus squamiger	Hartmeyer & Michaelsen 1926
8093	Microcosmos exasperatus	of authors NEP not Heller 1878
8094	•	(Stimpson 1864)
8095	Pyura haustor	Stimpson 1864
8096	Cynthia haustor	Ritter 1900
	Cynthia erecta	
8097 8098	Cynthia macrosiphonus	Ritter 1900
	Halocynthia haustor	of Ritter 1909
8099	Halocynthia haustor foliacea	Ritter 1913
8100	Halocynthia johnsoni	Ritter 1909
8101	Halocynthia washingtona	Ritter 1913
8102	Pyura lignosa	Michaelsen 1908
8103	Pyura mirabilis	(von Drasche 1884)
8104	Cynthia mirabilis	von Drasche 1884
8105	Halocynthia mirabilis	of Oka 1906
8106	Microcosmus transversus	Ritter 1907
8107	Family Molgulidae	
8108	Eugyra arenosa californica	Van Name 1945
8109	Molgula pugetiensis	Herdman 1898
8110	Caesira apoploa	Huntsman 1912
8111	Caesira pugetiensis	of Huntsman 1912
8112	Molgula napiformis	G. Lambert 1993
8113	Molgula regularis	Ritter 1907
8114	Caesira regularis	of Hartmeyer 1901-1911
8115	Euritteria regularis	of Huntsman 1922
8116	Molgula verrucifera	Ritter & Forsyth 1917
8117	<i>Molgula</i> sp SD1	Lilly 199 <mark>9</mark> §
8118	Subphylum Cephalochordata	• •
8119	Family Branchiostomatidae	
8120	Branchiostoma californiense	(Andrews 1893)
8121	Amphioxus californiense	Andrews 1893
	r · · · · · ·	

