

**A TAXONOMIC LISTING OF SOFT BOTTOM
MACROINVERTEBRATES**

from
Infaunal Monitoring Programs in the Southern California Bight

Edition 1

4 March 1994

Prepared for

Southern California Coastal Water Research Project
7171 Fenwick Lane
Westminster, California 92683-5218

and

U. S. Environmental Protection Agency, Region IX
214 Fremont Street
San Francisco, California 94105

Prepared by
The Southern California Association of Marine Invertebrate Taxonomists
3720 Stephen White Drive
San Pedro, California 90731



The compilers of this list intend that it undergo regular updates. SCAMIT hopes to maintain the list as a useful document to those involved with infaunal 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:

David E. Montagne
Marine Biology Laboratory
County Sanitation Districts
of Los Angeles County
24501 S. Figueroa Street
Carson, CA 90745

or

Ronald G. Velarde
City of San Diego
Marine Biology Laboratory
4077 North Harbor Drive, MS 45A
San Diego, CA 92101





**Southern California Association of
Marine Invertebrate Taxonomists**

3720 Stephen White Drive
San Pedro, California 90731

A TAXONOMIC LISTING OF SOFT BOTTOM MACROINVERTEBRATES

from
Infaunal Monitoring Programs in the Southern California Bight

Prepared by
The Southern California Association of Marine Invertebrate Taxonomists

Edition 1

Taxonomic standardization; assuring that the same name is applied to an organism by different taxonomists within the region each time that organism is encountered, is an important element in any regional 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 this goal: 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 regionally standardized taxonomy of marine invertebrates within the region. Its membership includes virtually all the taxonomists responsible for the conduct of infaunal monitoring programs in southern California coastal waters. Its activities include monthly meetings, workshops, and communication of taxonomic information to its membership through a monthly newsletter.

This list of invertebrates from the soft bottom habitat of the Southern California Bight is a contribution of SCAMIT toward the development of regionally coordinated monitoring in the Bight. It is a first attempt to compile 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 by taxonomists conducting monitoring programs in the Bight. It is a conservative document, constrained by both the information base from which it is derived and in the criteria for inclusion of a taxon on the list. It is also an interim document requiring future updating, as additional species are encountered in the contributing programs. The list must also incorporate nomenclatural changes resulting from revisionary systematic studies. A formal procedure for periodic updating should be established. Because of its organizational goals, activities, and the nature of its membership, SCAMIT is well

suited to carry out procedures developed to this end. In anticipation of such a procedure and subsequent versions, this list is identified as Edition 1 and the date SCAMIT closed the compilation process is repeated on each page.

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. It is important that those responsible for the development of regional monitoring 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 the regular activities of SCAMIT. Regional data-management systems must allow for this fluidity, allowing both growth and emendation of the list as discussed above, and revision of past results to conform to current usage.

Geographic Limits

This document provides a list of macro-invertebrates from the soft-bottom habitat of the Southern California Bight, defined here as Point Conception to the Mexican Border in depths from 15 to 350 meters. For the purposes of this list macro-invertebrates are defined as those organisms retained upon a 1 mm mesh screen, the standard screen size used in infaunal monitoring studies in the Bight. The user should keep in mind that the information base from which the list was derived was limited to infaunal survey data collected in the environmental monitoring programs of publicly operated wastewater treatment works (POTWs). Therefore, coverage within the Bight is biased by the distribution of sampling efforts associated with these monitoring programs (see Table for list of contributing programs). The largest programs are associated with the metropolitan areas of Los Angeles/Orange County and San Diego and the fauna occurring in these areas is probably well represented. North of the Los Angeles region, monitoring programs are fewer in number and smaller in scale. As a result, the fauna from this northern area of the Bight is under-represented on the list. Similarly, the depth range of 15 to 350 meters is defined by the range of depths covered by the monitoring programs. Within this range most sampling effort is expended at depths from 30 to 150 meters and the fauna from this depth range is better represented than those from shallower or deeper water. In addition, the list is confined to organisms taken in infaunal monitoring programs so few large epifaunal organisms are represented. It should also be noted that while the source programs are directed at monitoring soft-bottom communities, habitats are not so clearly segregated in nature. Many of the sampling programs, particularly those sampling the inshore soft-bottom, include ecotonal areas and patches of cobble or hard bottom. These support communities that are significantly different from those of the soft-bottom habitat. These ecotones and habitat patches within the sampling areas account for the presence of many epifaunal or hard bottom associates on the list.

Process of Compilation

The regular meetings of taxonomists responsible for the monitoring surveys in the region, conducted monthly by SCAMIT, provided the mechanism for construction of the list. In addition to these regular meetings, written requests for information and review were sent to selected SCAMIT

members. There were also several separate meetings held to deal with editorial and formatting questions. The process proceeded in two stages: compilation of a base list drawing upon the four largest monitoring programs in the Bight, followed by addition of information, when available, from the smaller programs.

The base list was compiled from encountered-species lists from the infaunal monitoring programs of the Bureau of Sanitation, City of Los Angeles (Hyperion); the County Sanitation Districts of Los Angeles County; the County Sanitation Districts of Orange County; and the Department of Water Utilities, City of San Diego. The encountered-species lists provided by these agencies covered a range of time spans, from 8 to 21 years prior to present. 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 conducted 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.

Conventions

Arrangement of the list is hierarchical. 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 itself to avoid ambiguity (eg. Subphylum Echinozoa). The categories used are phylum, subphylum, class, subclass, superorder, order, suborder, infraorder/superfamily, family, genus and species. Either infraorder or superfamily is used, but not both together. Which is used depends on

which has greater recognition for the group in question. For instance, superfamily is used for mollusks, while for reptantiate decapods infraorder has greater utility. Species are arranged alphabetically within each family. Authorship is attributed in conformance with ICZN rules. The listing of genus level identifications (eg. *Bimeria sp*) represents the degree to which the taxonomy of these taxa is known in the region. This form is also used in cases where the only specimens representing the genus were indeterminable due to poor condition. It is regional practice 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 (eg. cephalochordates) there may be few categories listed between phylum and family.

To assist in quick navigation through this mass of information an index to all names in the list with their corresponding line number is provided. Within the list the following typographic conventions have been employed:

PHYLUM LEVEL IS ALL CAPS

Family level is bolded

Genus and species are in italics

Included in the list are a large 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 generic name followed by the word "species" (abbreviated as sp) and an alphabetic or numeric designator. In the few cases where the genus is also considered new, the lowest taxon recognized is followed by the term "genus" and a designator as above (eg. Megaluropidae genus A sp A). In cases where the allocation of a taxon is uncertain, the levels at which uncertainty exists are indicated (eg. family uncertain, suborder uncertain, etc.). Ideally, a provisional name is provided as a temporary designation pending 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. Many 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 this reason, as well as the significant proportion of the listed taxa they represent (≈11%), these provisional species names have been 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 taxonomists, specimens, and 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 erection by the author or, as in the case of SCAMIT-erected species, the date of distribution of diagnoses or descriptions. Provisional species names for which there is no regional recognition or available diagnoses are not included.

Two conditional designations are used in the list. The term *confer* (abbreviated as *cf*) inserted in the binomen indicates that the organism closely resembles the nominal species but its actual identity is in question. The presence of quotation marks (" ") around a specific (trivial) name indicates that the listed taxon is recognized as having a high degree of poorly defined variability and is believed to be a member of an un-discriminated species complex. Because of this variability it is possible that more than one species is included in the taxon.

Authority List for Taxonomic Information

A broad range of sources was used in construction of the 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). The formation of superfamily names follows recommendation 29A of the International Code of Zoological Nomenclature (Ride 1985). 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.

Phylum Porifera

No exceptions

Phylum Cnidaria

Retention of Muriceidae as a valid family follows Ljubenkov 1980.

Placement of species not recorded by Austin follows Ljubenkov 1980.

Phylum Platyhelminthes

No exceptions

Phylum Nemertea

Cerebratulidae treated as a subfamily of Lineidae follows McEwen 1980.

Phylum Mollusca

Family level treatment in the Trochacea follows Hickman & McLean 1990.

Inconsistencies in subordinal taxonomy in Mesogastropoda preclude use of subordinal taxa.

Treatment of Rapanidae as a subfamily within Muricidae follows Turgeon *et al.* 1988.

Use of Fasciolariidae instead of Fusinidae follows Turgeon *et al.* 1988.

Distribution of superfamilies within the Order Cephalaspidea follows Turgeon *et al.* 1988.

Allocation of cephalaspid genera to families follows Turgeon *et al.* 1988.

Within the Order Nudibranchia superfamily level taxa are from Abbott 1974.

Classification of the Bivalvia follows Coan, Scott, & Bernard 1993.

Generic and family allocations in Scaphopoda follow Turgeon *et al.* 1988.

Phylum Sipuncula

no exceptions

Phylum Echiura

no exceptions

Phylum Annelida

Classification of the Class Polychaeta follows Fauchald 1977.

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

Use of Nereididae instead of Nereidae follows Pettibone 1971.

Placement of *Artacamella* in Trichobranchidae follows Holthe 1977.

Phylum Arthropoda

Subphylum taxa are from Brusca & Brusca 1990.

Within Subphylum Crustacea, class level taxa are from McLaughlin 1980.

Austin's inclusion of the cumacean *Cyclaspis* in family Nannastacidae is a lapsus, it belongs in Bodotriidae (see *inter alia* Jones 1969).

Placement of the tanaid genera *Araphura* and *Araphuroides* in Leptognathiidae follows Sieg & Dojiri 1989.

Submersion of the families Pontogeneiidae and Calliopiidae into the Eusiridae follows Barnard & Karaman 1991.

Submersion of the family Uristidae into the Lysianassidae follows Barnard & Karaman 1991.

Use of Megaluroipidae as a valid family name follows Barnard & Karaman 1991.

Use of Podoceridae instead of Dulichiidae follows Barnard & Karaman 1991.

Retention of Sicyonidae at family level follows Dall *et al.* 1990.

Placement of *Lysmata* in the Hippolytidae follows Williams *et al.* 1989.

Austin incorrectly lists *Parapagurodes makarovi* as *Parapagurus*, placing it in the Parapaguridae rather than in Paguridae where it belongs (McLaughlin & Haig 1973).

Phylum Echinodermata

All differences in classification above family are from Maluf 1988.

Phylum Phoronida

no exceptions

Phylum Brachiopoda

no exceptions

Phylum Chordata

no exceptions

Table

CONTRIBUTING PROGRAMS

LARGE PROGRAMS

SMALL PROGRAMS

Agency	Contract Lab	Agency	Contract Lab
City of Los Angeles	—	Goleta Sanitary District	MBC Applied Environmental Sciences
County Sanitation Districts of Los Angeles County	—	City of Santa Barbara	MEC Analytical Systems
County Sanitation Districts of Orange County	MEC Analytical Systems	Carpenteria Sanitary District	ABC Labs
City of San Diego	—	City of Oxnard	ABC Labs
Southern California Coastal Water Research Project	—	Terminal Island Treatment Plant Outfall Study (City of Los Angeles)	MBC Applied Environmental Sciences
		South East Regional Reclamation Authority	SeaVentures
		City of Oceanside (<i>polychaetes only</i>)	Larry Lovell
		Encina Water Pollution Control Facility	MEC Analytical Systems
		San Elijo Joint Powers Authority	Kinnetic Laboratories
		Tijuana Outfall Extension Study	MBC Applied Environmental Sciences
		City of Avalon	ABC Labs & MBC Applied Environmental Sciences

LITERATURE CITED

- Abbott, R. T. 1974. *American Seashells*. New York, N.Y.: Van Nostrand Reinhold Company.
- Austin, W. C. 1985. *An Annotated Checklist of Marine Invertebrates in the Cold Temperate Northeast Pacific*, vols. 1, 2 & 3. Cowichan Bay, British Columbia: Khoyatan Marine Laboratory.
- Barnard, J. L., and G. S. Karaman. 1991. The Families and Genera of Marine Gammaridean Amphipoda (Except Marine Gammaroids). *Records of the Australian Museum Supplement 13* (1 & 2): 1-417, 418-866.
- Brusca, R. C., and G. J. Brusca. 1990. *Invertebrates*. Sunderland, Massachusetts: Sinauer Associates, Inc.
- Coan, E. V., P. H. Scott, and F. R. Bernard. 1993. *Checklist of NE Pacific Bivalves, July 1993*. Manuscript.
- Dall, W., B. J. Hill, P. C. Rothlisberg, and D. J. Staples. 1990. *Advances in Marine Biology, Volume 27. The Biology of the Penaeidae*. London: Academic Press Limited.
- Fauchald, K. 1977. *The Polychaete Worms. Definitions and Keys to the Orders, Families, and Genera*. Los Angeles, Ca: Natural History Museum of Los Angeles County.
- Hickman, C. S., and J. H. McLean. 1990. Systematic Revision and Suprageneric Classification of Trochacean Gastropods. *Natural History Museum of Los Angeles County, Science Series* (35): 1-169.
- Holthe, T. 1977. The Systematic Position of *Artacamella* Hartman, 1955 (Polychaeta, Terebellomorpha). *Sarsia* 63 (1): 35-37.
- Jones, N. S. 1969. The Systematics and Distribution of Cumacea from Depths Exceeding 200 Meters. *Galathea Report* 10: 99-180.
- Ljubenkov, J. C. 1980. Cnidaria. In: D. Straughan and R. W. Klink (eds.), *A Taxonomic Listing of Common Marine Invertebrate Species from Southern California*. Technical Reports of the Allan Hancock Foundation 3: 44-68. University of Southern California: Allan Hancock Foundation.
- MacEwen, P. 1980. Nemertea. In: D. Straughan and R. W. Klink (eds.), *A Taxonomic Listing of Common Marine Invertebrate Species from Southern California*. Technical Reports of the Allan Hancock Foundation 3: 69-76. University of Southern California: Allan Hancock Foundation.
- Maluf, L. Y. 1988. *Composition and Distribution of the Central Eastern Pacific Echinoderms*. *Natural History Museum of Los Angeles County*. Technical Report Number 2. Lawrence, Kansas: Allen Press, Inc.

- McLaughlin, P. A., and J. Haig. 1973. On the Status of *Pagurus mertensii* Brandt, with Descriptions of a New Genus and Two New Species from California (Crustacea: Decapoda: Paguridae). *Bulletin of the Southern California Academy of Sciences* 72 (3): 113-136.
- Pettibone, M. H. 1971. Revision of Some Species Referred to *Leptonereis*, *Nicon*, and *Laeonereis* (Polychaeta, Nereididae). *Smithsonian Contributions to Zoology* 104: 1-53.
- _____. 1984. Annelida. In: S. B. Parker (ed.), *Synopsis and Classification of Living Organisms* 2: 1-43. New York: McGraw Hill.
- _____. 1989. Revision of the Aphroditoid Polychaetes of the Family Acoetidae Kinberg (=Polyodontidae Augener) and Reestablishment of *Acoetes* Audouin and Milne-Edwards, 1832, and *Euarche* Ehlers, 1887. *Smithsonian Contributions to Zoology* 464: 1-138.
- _____. 1992. Contribution to the Polychaete Family Pholoidae Kinberg. *Smithsonian Contributions to Zoology* 532: 1-24.
- Ride, W. D. L., (chairman). 1985. *International Code of Zoological Nomenclature, Third Edition, adopted by the XX General Assembly of the International Union of Biological Sciences*. International Trust for Zoological Nomenclature.
- Sieg, J., and M. Dojiri. 1989. Remarks on *Araphura* Bird and Holdich (Crustacea, Tanaidacea) and allied genera, including descriptions of three new species. *Zoologica Scripta* 18 (1): 115- 137.
- Turgeon, D. D., A. E. Bogan, E. V. Coan, W. K. Emerson, W. G. Lyons, W. L. Pratt, C. F. E. Roper, A. Scheltema, F. G. Thompson, and J. D. Williams. 1988. *Common and Scientific Names of Aquatic Invertebrates from the United States and Canada: Mollusks*. Special Publication 16. Bethesda, Maryland: American Fisheries Society.
- Williams, A. B., L. G. Abele, D. L. Felder, H. Hobbs Jr, R. B. Manning, P. A. McLaughlin, and I. P. Farfante. 1989. *Common and Scientific Names of Aquatic Invertebrates from the United States and Canada: Decapod Crustaceans*. Special Publication 17. Bethesda, Maryland: American Fisheries Society.



**TAXONOMIC
LISTING**

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

1	PHYLUM PORIFERA	
2	Class Calcarea	
3	Subclass Calcaronea	
4	Order Scycttida	
5	Family Amphoriscidae	
6	<i>Leucilla nuttingi</i>	(Urban 1902)
7	Class Demospongiae	
8	Subclass Tetractinomorpha	
9	Order Axinellida	
10	Family Axinellidae	
11	<i>Axinella sp</i>	
12	PHYLUM CNIDARIA	
13	Class Hydrozoa	
14	Order Athecatae	
15	Suborder Capitata	
16	Superfamily Tubularoidea	
17	Family Corymorphidae	
18	<i>Corymorpha palma</i>	Torrey 1902
19	<i>Euphysa sp A</i>	Ljubenkov 1986 §
20	<i>Syncoryne eximia</i>	(Allman 1859)
21	Family Tubulariidae	
22	<i>Tubularia crocea</i>	(L. Agassiz 1862)
23	Family Pennariidae	
24	unidentified	
25	Suborder Filifera	
26	Family Bougainvilliidae	
27	<i>Bimeria sp</i>	
28	<i>Garveia formosa</i>	(Fewkes 1889)
29	<i>Perigonimus "serpens"</i>	
30	<i>Perigonimus yoldiarcticae</i>	Birula 1897
31	<i>Perigonimus sp A</i>	Ljubenkov 1976 §
32	Family Eudendriidae	
33	<i>Eudendrium sp</i>	
34	Suborder Filiformia	
35	Family Hydractiniidae	
36	<i>Hydractinia sp</i>	
37	Family Monobrachiidae	
38	<i>Monobrachium parasitum</i>	Mereschkovsky 1877
39	Order Leptomedusae	
40	Family Campanulariidae	
41	<i>Campanularia volubilis</i>	(Linnaeus 1758)
42	<i>Clytia universitatis</i>	Torrey 1904
43	<i>Obelia geniculata</i>	(Linnaeus 1758)
44	<i>Obelia sp A</i>	MEC 1990 §
45	<i>Orthopyxis everta</i>	(S. F. Clark 1876)
46	<i>Rhizocaulus verticillatus</i>	(Linnaeus 1758)
47	Family Hebellidae	
48	<i>Hebellopsis expansa</i>	(Fraser 1938)
49	Family Lovenelliidae	
50	<i>Calycella syringa</i>	(Linnaeus 1767)
51	<i>Lovenella nodosa</i>	Fraser 1938
52	<i>Oplorhiza gracilis</i>	(Stechow 1921)
53	Family Phialellidae	
54	<i>Campanulina sp</i>	
55	Family Plumulariidae	
56	<i>Aglaophenia sp</i>	
57	<i>Cladocarpus sp A</i>	MEC 1990 §
58	<i>Diplocheilus allmani</i>	Torrey 1902
59	<i>Plumularia corrugata</i>	Nutting 1900

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

60	<i>Plumularia integra</i>	Fraser 1948
61	<i>Plumularia plumularioides</i>	(S. F. Clark 1876)
62	Family Sertulariidae	
63	<i>Abietinaria sp</i>	
64	<i>Dynamena sp</i>	
65	<i>Sertularella pedrensis</i>	Torrey 1904
66	<i>Thuiaria cylindrica</i>	(S. F. Clark 1876)
67	Class Anthozoa	
68	Subclass Alcyonaria	
69	Order Gorgonacea	
70	Suborder Holaxonia	
71	Family Gorgoniidae	
72	<i>Heterogorgia tortuosa</i>	Verrill 1868
73	Family Muriceidae	
74	<i>Thesea sp B</i>	Ljubenkov 1986 §
75	Order Pennatulacea	
76	Suborder Sessiliflorae	
77	Family Renillidae	
78	<i>Renilla kollikeri</i>	Pfeffer 1886
79	Suborder Subselliiflorae	
80	Family Virgulariidae	
81	<i>Acanthoptilum annulatum</i>	Nutting 1909
82	<i>Stylatula elongata</i>	(Gabb 1863)
83	<i>Stylatula sp A</i>	Ljubenkov 1991 §
84	<i>Virgularia bromleyi</i>	Kölliker 1880
85	<i>Virgularia sp A</i>	Ljubenkov 1991 §
86	Family Pennatulidae	
87	<i>Ptilosarcus gurneyi</i>	(Gray 1860)
88	Subclass Zoantharia	
89	Order Ceriantharia	
90	Suborder Spirularia	
91	Family Cerianthidae	
92	<i>Arachnanthus sp A</i>	Ljubenkov 1993 §
93	<i>Pachycerianthus fimbriatus</i>	McMurrich 1910
94	family uncertain	
95	Ceriantharia sp C	MEC 1986 §
96	Ceriantharia sp D	MEC 1986 §
97	Order Actiniaria	
98	Suborder Nynantheae	
99	Family Edwardsiidae	
100	<i>Edwardsia sipunculoides</i>	(Stimpson 1853)
101	<i>Edwardsia sp A</i>	SCAMIT 1983 §
102	<i>Edwardsia sp G</i>	MEC 1992 §
103	<i>Scolanthus sp A</i>	SCAMIT 1983 §
104	Family Halcampoididae	
105	<i>Pentactinia californica</i>	Carlgren 1900
106	Family Haloclavidae	
107	<i>Anemonactis sp</i>	
108	Family Halcampidae	
109	<i>Cactosoma arenaria</i>	Carlgren 1931
110	<i>Halcampa decementaculata</i>	Hand 1954
111	<i>Haliantella sp A</i>	SCAMIT 1989 §
112	Family Isanthidae	
113	Isanthidae sp A	SCAMIT 1989 §
114	<i>Zaolutus actius</i>	Hand 1955
115	Family Limnactiniidae	
116	Limnactiniidae sp A	SCAMIT 1989 §
117	Family Sagartiidae	
118	<i>Sagartia catalinensis</i>	McPeak 1968

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

119	Family Metridiidae	
120	<i>Metridium "senile"</i>	
121	Family Diadumenidae	
122	<i>Diadumene sp</i>	
123	family uncertain	
124	Anemone #76	Ljubenkov 1984 §
125	Order Corallimorpharia	
126	Family Corallimorphidae	
127	<i>Corynactis californica</i>	Carlgren 1936
128	PHYLUM PLATYHELMINTHES	
129	Class Turbellaria	
130	Order Polycladida	
131	Suborder Acotylea	
132	Superfamily Stylochoidea	
133	Family Calloplanidae	
134	<i>Kaburakia excelsa</i>	Bock 1925
135	Family Latocestidae	
136	unidentified	
137	Family Plehniidae	
138	<i>Plehnia caeca</i>	Hyman 1953
139	Family Stylochidae	
140	<i>Stylochus exiguus</i>	Hyman 1953
141	<i>Stylochus franciscanus</i>	Hyman 1953
142	Family Pseudostylochidae	
143	<i>Pseudostylochus burchami</i>	(Heath & McGregor 1912)
144	Superfamily Leptoplanidea	
145	Family Leptoplanidae	
146	<i>Hoploplana sp A</i>	MEC 1989 §
147	Leptoplanidae sp A	MEC 1988 §
148	<i>Parviplana californica</i>	(Woodworth 1894)
149	Family Planoceridae	
150	<i>Paraplanocera oligoglana</i>	(Schmarda 1859)
151	Family Cryptocelidae	
152	<i>Cryptocelis occidentalis</i>	Hyman 1953
153	Family Notoplanidae	
154	<i>Notoplana sp</i>	
155	Family Stylochoplanidae	
156	<i>Emprostopharynx gracilis</i>	(Heath & McGregor 1912)
157	<i>Stylochoplana longipenis</i>	Hyman 1953
158	Family Pleioplanidae	
159	<i>Pleioplana iniquita</i>	(Heath & McGregor 1912)
160	Suborder Cotylea	
161	Superfamily Pseudocerotoidea	
162	Family Pseudoceridae	
163	<i>Pseudoceros sp</i>	
164	Family Euryleptidae	
165	<i>Eurylepta sp</i>	
166	Family Prosthlostomidae	
167	<i>Prosthlostomum latoceles</i>	Hyman 1953
168	suborder uncertain	
169	superfamily uncertain	
170	family uncertain	
171	Polycladida sp 27	Ljubenkov 1986 §
172	Polycladida sp 43	Ljubenkov 1989 §
173	Polycladida sp A	Phillips 1987 §
174	Polycladida sp E	Phillips 1988 §
175	Polycladida sp H	Phillips 1987 §
176	Polycladida sp O	Phillips 1990 §
177	Polycladida sp P	Phillips 1990 §

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

178	PHYLUM NEMERTEA	
179	Class Anopla	
180	Order Archinemertea	
181	Family Cephalothricidae	
182	unidentified	
183	Order Palaeonemertea	
184	Family Carinomidae	
185	<i>Carinoma mutabilis</i>	Griffin 1898
186	Family Tubulanidae	
187	<i>Carinomella lactea</i>	Coe 1905
188	<i>Tubulanus albocinctus</i>	(Coe 1904)
189	<i>Tubulanus cingulatus</i>	(Coe 1904)
190	<i>Tubulanus frenatus</i>	(Coe 1904)
191	<i>Tubulanus nothus</i>	(Berger 1892)
192	<i>Tubulanus polymorphus</i>	Renier 1804
193	family uncertain	
194	Palaeonemertea sp A	Phillips 1988 §
195	Palaeonemertea sp B	Paquette 1989 §
196	Order Heteronemertea	
197	Family Lineidae	
198	<i>Cerebratulus albifrons</i>	Coe 1901
199	<i>Cerebratulus californiensis</i>	Coe 1905
200	<i>Cerebratulus lineolatus</i>	Coe 1905
201	<i>Cerebratulus marginatus</i>	Renier 1804
202	<i>Cerebratulus montgomeryi</i>	Coe 1901
203	Lineidae sp A	Paquette 1989 §
204	<i>Lineus bilineatus</i>	(Renier 1804)
205	<i>Lineus flavescens</i>	Coe 1904
206	<i>Lineus ruber</i>	(O. F. Müller 1771)
207	<i>Lineus rubescens</i>	Coe 1904
208	<i>Lineus sp A</i>	Phillips 1989 §
209	<i>Micrura alaskensis</i>	Coe 1901
210	<i>Micrura pardalis</i>	Coe 1905
211	<i>Micrura wilsoni</i>	(Coe 1904)
212	Family Valenciniidae	
213	<i>Baseodiscus sp</i>	
214	<i>Zygeupolia rubens</i>	(Coe 1895)
215	order uncertain	
216	family uncertain	
217	Anopla genus A sp A	Phillips 1987 §
218	Class Enopla	
219	Order Hoplonemertea	
220	Suborder Monostyliferoidea	
221	Family Emplectonematidae	
222	<i>Dichonemertes hartmanae</i>	Coe 1938
223	<i>Emplectonema sp</i>	
224	<i>Paranemertes californica</i>	Coe 1904
225	Family Prosorhochmidae	
226	<i>Oerstedia dorsalis</i>	(Abildgaard 1806)
227	<i>Prosorhochmus albidus</i>	(Coe 1905)
228	Family Amphiporidae	
229	Amphiporidae sp B	MEC 1989 §
230	<i>Amphiporus bimaculatus</i>	Coe 1901
231	<i>Amphiporus californicus</i>	Coe 1905
232	<i>Amphiporus cruentatus</i>	(Hubrecht 1879)
233	<i>Amphiporus imparispinosus</i>	Griffin 1898
234	<i>Amphiporus rubellus</i>	Coe 1905
235	<i>Amphiporus sp A</i>	Phillips 1988 §
236	<i>Amphiporus sp B</i>	Phillips 1989 §

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

237	<i>Zygonemertes virescens</i>	(Verrill 1879)
238	Family Tetrastemmatidae	
239	<i>Amphinemertes caeca</i>	(Coe 1901)
240	<i>Tetrastemma candidum</i>	(O. F. Müller 1774)
241	<i>Tetrastemma nigrifrons</i>	Coe 1904
242	<i>Tetrastemma reticulatum</i>	Coe 1904
243	family uncertain	
244	Monostylifera sp A	Ljubenkov 1989 §
245	suborder uncertain	
246	family uncertain	
247	Hoplonemertea sp A	Paquette 1988 §
248	Hoplonemertea sp B	MEC 1988 §
249	Nemertea sp A	Paquette 1989 §
250	PHYLUM ENTOPROCTA	
251	Order Solitaria	
252	Family Loxosomatidae	
253	unidentified	
254	Order Coloniales	
255	Suborder Stolonata	
256	Family Barentsiidae	
257	<i>Barentsia benedeni</i>	(Foettinger 1887)
258	<i>Barentsia gracilis</i>	(M. Sars 1835)
259	PHYLUM MOLLUSCA	
260	Class Aplacophora	
261	Subclass Chaetodermomorpha	
262	Superorder Limifossorimorpha	
263	Order Limifossorida	
264	Family Limifossoridae	
265	<i>Limifossor fratula</i>	Heath 1904
266	Superorder Chaetodermatimorpha	
267	Order Chaetodermatida	
268	Family Chaetodermatidae	
269	<i>Chaetoderma sp</i>	
270	<i>Falcidens sp B</i>	SCAMIT 1985 §
271	Class Polyplacophora	
272	Order Neoloricata	
273	Suborder Lepidochitonina	
274	Family Lepidopleuridae	
275	<i>Leptoichiton rugatus</i>	(Pilsbry 1892)
276	Family Ischnochitonidae	
277	<i>Ischnochiton sp</i>	
278	<i>Lepidozona retiporosa</i>	(Carpenter 1864)
279	<i>Lepidozona sinudentata</i>	(Carpenter in Pilsbry 1892)
280	Class Gastropoda	
281	Order Archaeogastropoda	
282	Suborder Pleurotomariinae	
283	Superfamily Fissurelloidea	
284	Family Fissurellidae	
285	<i>Puncturella sp</i>	
286	Suborder Patellina	
287	Superfamily Patelloidea	
288	Family Acmaeidae	
289	<i>Acmaea mitra</i>	Rathke 1833
290	Family Lottiidae	
291	<i>Lottia strigatella</i>	(Carpenter 1864)
292	Family Lepetidae	
293	<i>Iothia lindbergi</i>	McLean 1985
294	Suborder Trochina	
295	Superfamily Trochoidea	

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

296	Family Trochidae	
297	<i>Calliostoma annulatum</i>	(Lightfoot 1786)
298	<i>Calliostoma tricolor</i>	Gabb 1865
299	<i>Calliostoma turbinum</i>	Dall 1895
300	<i>Halistylus pupoides</i>	(Carpenter 1864)
301	<i>Lirularia acuticostata</i>	(Carpenter 1864)
302	<i>Lirularia parcipicta</i>	(Carpenter 1864)
303	<i>Norrisia norrisi</i>	(G. B. Sowerby II 1838)
304	<i>Solariella peramabilis</i>	Carpenter 1864
305	Family Phasianellidae	
306	<i>Tricolia compta</i>	(Gould 1855)
307	<i>Tricolia pulloides</i>	(Carpenter 1865)
308	<i>Tricolia rubrilineata</i>	(Strong 1928)
309	<i>Tricolia substriata</i>	(Carpenter 1864)
310	Order Mesogastropoda	
311	Suborder Littorinina	
312	Superfamily Littorinoidea	
313	Family Lacunidae	
314	<i>Lacuna unifasciata</i>	Carpenter in Gould & Carpenter 1857
315	Superfamily Rissoidea	
316	Family Rissoidae	
317	<i>Alvania acutelirata</i>	(Carpenter 1864)
318	<i>Alvania rosana</i>	Bartsch 1911
319	Family Barleeidae	
320	<i>Barleeia californica</i>	Bartsch 1920
321	<i>Lirobarleeia kelseyi</i>	(Dall & Bartsch 1902)
322	Family Truncatellidae	
323	<i>Cecina sp</i>	
324	Family Caecidae	
325	<i>Caecum californicum</i>	Dall in Orcutt 1885
326	<i>Caecum crebricinctum</i>	Carpenter 1864
327	<i>Caecum dalli</i>	Bartsch 1920
328	<i>Fartulum occidentale</i>	(Bartsch 1920)
329	Family Vitrinellidae	
330	<i>Circulus sp</i>	
331	<i>Teinostoma supravallatum</i>	(Carpenter 1864)
332	<i>Vitrinella berryi</i>	Bartsch 1907
333	<i>Vitrinella oldroydi</i>	Bartsch 1907
334	Superfamily Turritelloidea	
335	Family Turritellidae	
336	<i>Turritella cooperi</i>	Carpenter 1864
337	Family Vermetidae	
338	<i>Petalococonchus sp</i>	
339	Superfamily Cerithioidea	
340	Family Cerithiidae	
341	<i>Bittium larum</i>	Bartsch 1911
342	<i>Bittium quadrifilatum</i>	Carpenter 1864
343	<i>Bittium rugatum</i>	(Carpenter 1864)
344	<i>Finella sp</i>	
345	<i>Lirobittium subplanatum</i>	(Bartsch 1911)
346	Family Litiopidae	
347	<i>Alaba sp</i>	
348	Superfamily Cerithiopsidea	
349	Family Cerithiopsidae	
350	<i>Cerithiopsis sp</i>	
351	Suborder Pteroglossa	
352	Superfamily Epitonioidae	
353	Family Epitoniidae	
354	<i>Asperiscala bellastrata</i>	(Carpenter 1864)

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

355	<i>Asperiscala lowei</i>	(Dall 1906)
356	<i>Nitidiscala hindsii</i>	(Carpenter 1865)
357	<i>Nitidiscala indianorum</i>	(Carpenter 1864)
358	<i>Nitidiscala sawinae</i>	(Dall 1903)
359	<i>Nitidiscala tincta</i>	(Carpenter 1865)
360	<i>Opalia funiculata</i>	(Carpenter 1857)
361	<i>Opalia montereyensis</i>	(Dall 1907)
362	<i>Opalia spongiosa</i>	(Carpenter 1866)
363	<i>Opalia borealis</i>	Keep 1881
364	Suborder Cynoglossa	
365	Superfamily Eulimoidea	
366	Family Eulimidae	
367	<i>Eulima almo</i>	(Bartsch 1917)
368	<i>Eulima californicus</i>	(Bartsch 1917)
369	<i>Melanella bakeri</i>	Bartsch 1917
370	<i>Melanella catalinensis</i>	Bartsch 1917
371	<i>Melanella compacta</i>	Carpenter 1864
372	<i>Melanella grippi</i>	Bartsch 1917
373	<i>Melanella micans</i>	(Carpenter 1864)
374	<i>Melanella oldroydi</i>	Bartsch 1917
375	<i>Melanella rutila</i>	(Carpenter 1864)
376	Superfamily Hippoicoidea	
377	Family Hipponicidae	
378	<i>Hipponix antiquatus</i>	(Linnaeus 1767)
379	Family Fossaridae	
380	<i>Macromphalina californica</i>	Dall 1903
381	Superfamily Calyptraeidea	
382	Family Calyptraeidae	
383	<i>Calyptraea contorta</i>	(Carpenter 1865)
384	<i>Calyptraea fastigiata</i>	Gould 1856
385	<i>Crepidula aculeata</i>	(Gmelin 1791)
386	<i>Crepidula adunca</i>	G. B. Sowerby I 1825
387	<i>Crepidula dorsata</i>	(Broderip 1834)
388	<i>Crepidula naticarum</i>	Williamson 1905
389	<i>Crepidula norrisiarum</i>	Williamson 1905
390	<i>Crepidula nummaria</i>	Gould 1846
391	<i>Crepidula onyx</i>	G. B. Sowerby I 1824
392	<i>Crepidula perforans</i>	(Valenciennes 1846)
393	<i>Crepipatella charybdis</i>	(Berry 1940)
394	<i>Crucibulum spinosum</i>	(G. B. Sowerby I 1824)
395	Superfamily Naticoidea	
396	Family Naticidae	
397	<i>Calinaticina oldroydii</i>	(Dall 1897)
398	<i>Neverita reclusiana</i>	(Deshayes 1839)
399	<i>Polinices draconis</i>	(Dall 1903)
400	<i>Polinices lewisii</i>	(Gould 1847)
401	<i>Sinum scopulosum</i>	(Conrad 1849)
402	Superfamily Lamellaroidea	
403	Family Lamellariidae	
404	<i>Lamellaria diegoensis</i>	Dall in Orcutt 1885
405	Superfamily Cypraeoidea	
406	Family Triviidae	
407	<i>Trivia californiana</i>	(J. E. Gray 1827)
408	Family Ovulidae	
409	<i>Delonovola aequalis vidleri</i>	(G. B. Sowerby II 1881)
410	<i>Spiculata barbarentis</i>	(Dall 1892)
411	<i>Spiculata loebbeckeana</i>	(Weinkauff 1881)
412	Superfamily Cymatioidea	

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

413	Family Bursidae	
414	<i>Crossata californica</i>	(Hinds 1843)
415	Order Neogastropoda	
416	Superfamily Muricoidea	
417	Family Muricidae	
418	<i>Austrotrophon cerrosensis catalinensis</i>	I. S. Oldroyd 1927
419	<i>Ocenebra beta</i>	(Dall 1919)
420	<i>Ocenebra foveolata</i>	(Hinds 1844)
421	<i>Pteropurpura festiva</i>	(Hinds 1844)
422	Family Coralliophilidae	
423	<i>Babelomurex oldroydi</i>	(I. S. Oldroyd 1929)
424	Family Columbelloidea	
425	<i>Aesophus eurytoideus</i>	(Carpenter 1864)
426	<i>Alia carinata</i>	(Hinds 1844)
427	<i>Amphissa bicolor</i>	Dall 1892
428	<i>Amphissa undata</i>	(Carpenter 1864)
429	<i>Amphissa versicolor</i>	Dall 1871
430	<i>Mitrella aurantiaca</i>	(Dall 1871)
431	<i>Mitrella tuberosa</i>	(Carpenter 1864)
432	<i>Nassarina penicillata</i>	(Carpenter 1864)
433	Superfamily Buccinoidea	
434	Family Buccinidae	
435	<i>Kelletia kelletii</i>	(Forbes 1850)
436	Family Nassariidae	
437	<i>Nassarius delosi</i>	Woodring in Woodring et al 1946
438	<i>Nassarius fossatus</i>	(Gould 1849)
439	<i>Nassarius insculptus</i>	(Carpenter 1864)
440	<i>Nassarius mendicus</i>	(Gould 1849)
441	<i>Nassarius perpunguis</i>	(Hinds 1844)
442	Family Fascioliidae	
443	<i>Fusinus kobelti</i>	(Dall 1877)
444	<i>Fusinus luteopictus</i>	(Dall 1877)
445	Superfamily Volutoidea	
446	Family Olividae	
447	<i>Olivella baetica</i>	Carpenter 1864
448	<i>Olivella biplicata</i>	(G. B. Sowerby I 1825)
449	Family Turbinellidae	
450	<i>Metzgeria sp</i>	
451	Family Marginellidae	
452	<i>Granulina margaritula</i>	(Carpenter 1857)
453	Superfamily Mitroidea	
454	Family Mitridae	
455	<i>Mitra idae</i>	Melville 1893
456	Superfamily Cancellarioidea	
457	Family Cancellariidae	
458	<i>Admete rhyssa</i>	(Dall 1919)
459	<i>Cancellaria cooperi</i>	Gabb 1865
460	<i>Cancellaria crawfordiana</i>	(Dall 1891)
461	Superfamily Conoidea	
462	Family Conidae	
463	<i>Conus californicus</i>	Hinds 1844
464	Family Terebridae	
465	<i>Terebra hemphilli</i>	Vanatta 1924
466	<i>Terebra pedroana</i>	Dall 1908
467	Family Turridae	
468	<i>Antiplanes sp</i>	
469	<i>Crassispira semiinflata</i>	(Grant & Gale 1931)
470	<i>Elaeocyma empyrosia</i>	(Dall 1899)
471	<i>Kurtzia arteaga</i>	(Dall & Bartsch 1910)

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

472	<i>Kurtziella beta</i>	(Dall 1919)
473	<i>Kurtziella plumbea</i>	(Hinds 1843)
474	<i>Kylix halocydne</i>	(Dall 1919)
475	<i>Mangelia hexagona</i>	Gabb 1865
476	<i>Megasurcula carpenteriana</i>	(Gabb 1865)
477	<i>Megasurcula stearnsiana</i>	(Raymond 1904)
478	<i>Oenopota regulus</i>	(Dall 1919)
479	<i>Ophiodermella cancellata</i>	(Carpenter 1864)
480	<i>Ophiodermella halcyonis</i>	(Dall 1908)
481	<i>Ophiodermella inermis</i>	(Hinds 1843)
482	<i>Pseudomelatoma penicillata</i>	(Carpenter 1864)
483	Order Pyramidellida	
484	Superfamily Pyramidelloidea	
485	Family Pyramidellidae	
486	<i>Iselica ovoidea</i>	(Gould 1853)
487	<i>Odostomia astricta</i>	Dall & Bartsch 1907
488	<i>Odostomia canfieldi</i>	Dall 1908
489	<i>Odostomia clementina</i>	Dall & Bartsch 1909
490	<i>Odostomia columbiana</i>	Dall & Bartsch 1907
491	<i>Odostomia eucosmia</i>	Dall & Bartsch 1909
492	<i>Odostomia eugena</i>	Dall & Bartsch 1909
493	<i>Odostomia gravida</i>	Gould 1852
494	<i>Odostomia laxa</i>	Dall & Bartsch 1909
495	<i>Odostomia ritteri</i>	Dall & Bartsch 1909
496	<i>Odostomia tenuisculpta</i>	Carpenter 1864
497	<i>Odostomia virginalis</i>	Dall & Bartsch 1909
498	<i>Odostomia sp D</i>	MBC 1980 §
499	<i>Turbonilla almo</i>	Dall & Bartsch 1909
500	<i>Turbonilla castanea</i>	Keep 1887
501	<i>Turbonilla chocolata</i>	(Carpenter 1864)
502	<i>Turbonilla diegensis</i>	Dall & Bartsch 1909
503	<i>Turbonilla kelseyi</i>	Dall & Bartsch 1909
504	<i>Turbonilla nuttingi</i>	Dall & Bartsch 1909
505	<i>Turbonilla raymondi</i>	Dall & Bartsch 1909
506	<i>Turbonilla regina</i>	Dall & Bartsch 1909
507	<i>Turbonilla santarosana</i>	Dall & Bartsch 1909
508	<i>Turbonilla tenuicula</i>	(Gould 1853)
509	<i>Turbonilla sp A</i>	SCAMIT 1988 §
510	Family Cyclostremellidae	
511	<i>Cyclostremella californica</i>	Bartsch 1907
512	<i>Cyclostremella coronadoensis</i>	(Arnold 1903)
513	Order Cephalaspidea	
514	Superfamily Acteonoidea	
515	Family Acteonidae	
516	<i>Acteon traskii</i>	Stearns 1898
517	<i>Microglyphis brevicula</i>	(Dall 1902)
518	<i>Rictaxis painei</i>	Dall 1903
519	<i>Rictaxis punctocaelatus</i>	(Carpenter 1864)
520	Superfamily Philinoidea	
521	Family Scaphandridae	
522	<i>Acteocina culcitella</i>	(Gould 1853)
523	<i>Acteocina harpa</i>	(Dall 1871)
524	<i>Acteocina inculta</i>	(Gould 1855)
525	<i>Meloscapander sp A</i>	SCAMIT 1993 §
526	Family Cylichnidae	
527	<i>Cylichna diegensis</i>	(Dall 1919)
528	Family Aglajidae	
529	<i>Aglaja ocelligera</i>	(Bergh 1894)
530	<i>Aglaja sp A</i>	Cadien 1989 §

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

531	<i>Melanochlamys diomedea</i>	(Bergh 1894)
532	Family Phillinidae	
533	<i>Philine alba</i>	Mattox 1958
534	<i>Philine bakeri</i>	Dall 1919
535	<i>Philine californica</i>	Willett 1944
536	<i>Philine sp A</i>	SCAMIT 1988 §
537	Family Gastropteridae	
538	<i>Gastropteron pacificum</i>	Bergh 1894
539	Superfamily Diaphanoidea	
540	Family Diaphanidae	
541	<i>Diaphana californica</i>	Dall 1919
542	Superfamily Bulloidea	
543	Family Bullidae	
544	<i>Bulla gouldiana</i>	Pilsbry 1895
545	Family Atyidae	
546	<i>Haminaea vesicula</i>	Gould 1855
547	<i>Haminaea virescens</i>	(G. B. Sowerby I 1833)
548	Family Retusidae	
549	<i>Sulcoretusa xystrum</i>	(Dall 1919)
550	<i>Volvulella californica</i>	Dall 1919
551	<i>Volvulella catharia</i>	Dall 1919
552	<i>Volvulella cylindrica</i>	(Carpenter 1864)
553	<i>Volvulella panamica</i>	Dall 1919
554	superfamily uncertain	
555	family uncertain	
556	<i>Cephalaspidea sp A</i>	SCAMIT 1993 §
557	Order Sacoglossa	
558	Family Hermaeidae	
559	<i>Alderia modesta</i>	(Löven 1844)
560	Order Notaspidea	
561	Superfamily Pleurobrancoidea	
562	Family Pleurobranchaeidae	
563	<i>Pleurobranchaea californica</i>	MacFarland 1966
564	Order Nudibranchia	
565	Suborder Doridoida	
566	Superfamily Pseudodoridoidea	
567	Family Corambidae	
568	<i>Corambe thompsoni</i>	Millen & Nybakken 1991
569	Family Goniodorididae	
570	<i>Ancula lentiginosa</i>	Farmer in Farmer & Sloan 1964
571	<i>Ancula pacifica</i>	MacFarland 1905
572	<i>Okenia sp A</i>	Cadien 1982 §
573	Family Onchidorididae	
574	<i>Acanthodoris brunnea</i>	MacFarland 1905
575	<i>Acanthodoris rhodoceras</i>	Cockerell in Cockerell & Eliot 1905
576	<i>Onchidoris sp.</i>	
577	Family Notodorididae	
578	<i>Aegires albopunctatus</i>	MacFarland 1905
579	Family Polyceridae	
580	<i>Polycera tricolor</i>	Robilliard 1971
581	Suborder Arminoidea	
582	Superfamily Dendronotoidea	
583	Family Tritoniidae	
584	<i>Tochuina tetraquetra</i>	(Pallas 1788)
585	<i>Tritonia diomedea</i>	Bergh 1894
586	<i>Tritonia festiva</i>	(Stearns 1873)
587	Family Dendronotidae	
588	<i>Dendronotus frondosus</i>	(Ascanius 1774)
589	<i>Dendronotus iris</i>	J. G. Cooper 1863

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

590	<i>Dendronotus subramosus</i>	MacFarland 1966
591	Family Dotoidea	
592	<i>Doto amyra</i>	Er. Marcus 1961
593	<i>Doto columbiana</i>	O'Donoghue 1921
594	<i>Doto kya</i>	Er. Marcus 1961
595	Family Arminidae	
596	<i>Armina californica</i>	(J. G. Cooper 1863)
597	Family Dironidae	
598	<i>Dirona picta</i>	MacFarland in Cockerell & Eliot 1905
599	Suborder Aeolidioida	
600	Superfamily Tergipedoidea	
601	Family Flabellinidae	
602	<i>Flabellina pricei</i>	(MacFarland 1966)
603	<i>Flabellina trilineata</i>	(O'Donoghue 1921)
604	Family Cumanotidae	
605	<i>Cumanotus fernaldi</i>	Thompson & Brown 1984
606	Family Tergipedidae	
607	<i>Cuthona divae</i>	(Er. Marcus 1961)
608	Superfamily Aeolidioida	
609	Family Facelinidae	
610	<i>Hermisenda crassicornis</i>	(Eschscholtz 1831)
611	Family Aeolidiidae	
612	<i>Aeolidia papillosa</i>	(Linnaeus 1761)
613	<i>Aeolidiella sp</i>	
614	<i>Cerberilla mosslandica</i>	McDonald & Nybakken 1975
615	Class Bivalvia	
616	Subclass Protobranchia	
617	Order Solemyida	
618	Superfamily Solemyoidea	
619	Family Solemyidae	
620	<i>Solemya reidi</i>	Bernard 1980
621	Superfamily Nucinelloidea	
622	Family Nucinellidae	
623	<i>Huxleyia munita</i>	(Dall 1898)
624	Order Nuculoida	
625	Superfamily Nuculoidea	
626	Family Nuculidae	
627	<i>Acila castrensis</i>	(Hinds 1843)
628	<i>Ennucula tenuis</i>	(Montagu 1808)
629	Superfamily Nuculanoidea	
630	Family Nuculanidae	
631	<i>Nuculana conceptionis</i>	(Dall 1896)
632	<i>Nuculana elenensis</i>	(G. B. Sowerby I in Broderip & Sowerby 1833)
633	<i>Nuculana hamata</i>	(Carpenter 1864)
634	<i>Nuculana penderi</i>	(Dall & Bartsch 1910)
635	<i>Nuculana taphria</i>	(Dall 1896)
636	Family Sareptidae	
637	<i>Yoldia seminuda</i>	Dall 1871
638	Family Tindariidae	
639	<i>Tindaria sp</i>	
640	Subclass Pteriomorpha	
641	Order Mytiloida	
642	Superfamily Mytiloidea	
643	Family Mytilidae	
644	<i>Adula sp</i>	
645	<i>Amygdalum pallidulum</i>	(Dall 1916)
646	<i>Crenella decussata</i>	(Montagu 1808)
647	<i>Gregariella chenui</i>	(Récluz 1842)
648	<i>Lithophaga plumula</i>	Hanley 1844

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

649	<i>Modiolus capax</i>	(Conrad 1837)
650	<i>Modiolus neglectus</i>	Soot-Ryen 1955
651	<i>Modiolus rectus</i>	(Conrad 1837)
652	<i>Musculista senhousiei</i>	(Benson in Cantor 1842)
653	<i>Musculus sp</i>	
654	<i>Mytilus californianus</i>	Conrad 1837
655	<i>Mytilus galloprovincialis</i>	Lamarck 1819
656	<i>Solamen columbiana</i>	(Dall 1897)
657	Order Limoida	
658	Superfamily Limoidea	
659	Family Limidae	
660	<i>Limaria hemphilli</i>	(Hertlein & Strong 1946)
661	<i>Limatula subauriculata</i>	(Montagu 1808)
662	Order Ostreoida	
663	Suborder Pectinina	
664	Superfamily Pectinoidea	
665	Family Pectinidae	
666	<i>Argopecten ventricosus</i>	(G. B. Sowerby II 1842)
667	<i>Chlamys hastata</i>	(G. B. Sowerby II 1843)
668	<i>Crassidoma gigantea</i>	(J. E. Gray 1825)
669	<i>Delectopecten vancouverensis</i>	(Whiteaves 1893)
670	<i>Euvola diegenis</i>	(Dall 1898)
671	<i>Leptopecten latiauratus</i>	(Conrad 1837)
672	Family Propeamussidae	
673	<i>Cyclopecten benthalis</i>	Grau 1959
674	<i>Cyclopecten catalinensis</i>	(Willett 1931)
675	Superfamily Anomioidea	
676	Family Anomiidae	
677	<i>Pododesmus cepio</i>	(J. E. Gray 1850)
678	Subclass Heterodonta	
679	Order Veneroida	
680	Superfamily Lucinoidea	
681	Family Lucinidae	
682	<i>Epilucina californica</i>	(Conrad 1837)
683	<i>Lucinisca nuttalli</i>	(Conrad 1837)
684	<i>Lucinoma annulatum</i>	(Reeve 1850)
685	<i>Parvilucina tenuisculpta</i>	(Carpenter 1864)
686	Family Ungulinidae	
687	<i>Diplodonta sericata</i>	(Reeve 1850)
688	Family Thyasiridae	
689	<i>Adontorhina cyclia</i>	Berry 1947
690	<i>Adontorhina sphaericosa</i>	Scott 1986
691	<i>Axinopsida serricata</i>	(Carpenter 1864)
692	<i>Thyasira flexuosa</i>	(Montagu 1803)
693	Superfamily Carditoidea	
694	Family Carditidae	
695	<i>Cyclocardia barbarensis</i>	(Stearns 1891)
696	<i>Cyclocardia ventricosa</i>	(Gould 1850)
697	Superfamily Chamoidea	
698	Family Chamidae	
699	<i>Chama arcana</i>	Bernard 1976
700	<i>Pseudochama exogyra</i>	(Conrad 1837)
701	Superfamily Galeommatoida	
702	Family Galeommatidae	
703	Galeommatidae genus A sp A	Cadien 1982 §
704	Family Kelliidae	
705	<i>Kellia suborbicularis</i>	(Montagu 1803)
706	<i>Rhamphidonta retifera</i>	(Dall 1899)
707	<i>Rhamphidonta sp A</i>	Cadien 1993 §

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

708	Family Lasaeidae	
709	<i>Lasaea adansoni</i>	(Gmelin 1791)
710	Family Montacutidae	
711	<i>Mysella grippi</i>	(Dall 1912)
712	<i>Mysella pedroana</i>	Dall 1899
713	<i>Mysella tumida</i>	(Carpenter 1864)
714	<i>Mysella sp A</i>	SCAMIT 1988 §
715	<i>Mysella sp B</i>	SCAMIT 1988 §
716	<i>Mysella sp C</i>	SCAMIT 1988 §
717	<i>Mysella sp D</i>	SCAMIT 1988 §
718	<i>Mysella sp E</i>	SCAMIT 1988 §
719	<i>Neaeromya compressa</i>	(Dall 1899)
720	<i>Nearomya stearnsii</i>	(Dall 1899)
721	<i>Orobitella bakeri</i>	(Dall 1916)
722	<i>Pseudopithina rugifera</i>	(Carpenter 1864)
723	<i>Tomburchus redondoensis</i>	(T. Burch 1941)
724	Superfamily Cardioidea	
725	Family Cardiidae	
726	<i>Americardia biangulata</i>	(Broderip & G. B. Sowerby I 1829)
727	<i>Clinocardium nuttallii</i>	(Conrad 1837)
728	<i>Laevicardium substriatum</i>	(Conrad 1837)
729	<i>Nemocardium centifilosum</i>	(Carpenter 1864)
730	<i>Trachycardium quadragenarium</i>	(Conrad 1837)
731	Superfamily Veneroidea	
732	Family Veneridae	
733	<i>Chione californiensis</i>	(Broderip 1835)
734	<i>Chione undatella</i>	(G. B. Sowerby I 1835)
735	<i>Compsomyax subdiaphana</i>	(Carpenter 1864)
736	<i>Globivenus fordii</i>	(Yates 1890)
737	<i>Irusella lamellifera</i>	(Conrad 1837)
738	<i>Pitar newcombianus</i>	(Gabb 1865)
739	<i>Protothaca laciniata</i>	(Carpenter 1864)
740	<i>Protothaca staminea</i>	(Conrad 1837)
741	<i>Psephidia lordi</i>	(Baird 1863)
742	<i>Psephidia ovalis</i>	Dall 1902
743	<i>Saxidomus nuttalli</i>	Conrad 1837
744	<i>Tivela stultorum</i>	(Mawe 1823)
745	<i>Tranzenella tantilla</i>	(Gould 1853)
746	<i>Venerupis philippinarum</i>	(A. Adams & Reeve 1850)
747	Family Bernardinidae	
748	<i>Halodakra salmonea</i>	(Carpenter 1864)
749	Family Cooperellidae	
750	<i>Cooperella subdiaphana</i>	(Carpenter 1864)
751	Family Petricolidae	
752	<i>Petricola carditoides</i>	(Conrad 1837)
753	<i>Petricola tellimyalis</i>	(Carpenter 1864)
754	Superfamily Tellinoidea	
755	Family Tellinidae	
756	<i>Leporimetis obesa</i>	(Deshayes 1855)
757	<i>Macoma carlottensis</i>	Whiteaves 1880
758	<i>Macoma indentata</i>	Carpenter 1864
759	<i>Macoma nasuta</i>	(Conrad 1837)
760	<i>Macoma yoldiformis</i>	Carpenter 1864
761	<i>Tellina bodegensis</i>	Hinds 1845
762	<i>Tellina carpenteri</i>	Dall 1900
763	<i>Tellina idae</i>	Dall 1891
764	<i>Tellina modesta</i>	(Carpenter 1864)
765	<i>Tellina nuculoides</i>	(Reeve 1854)
766	<i>Tellina sp A</i>	SCAMIT 1993 §

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

767			
768		Family Psammobiidae	
769		<i>Gari californica</i>	(Conrad 1849)
770		<i>Gari fucata</i>	(Hinds 1845)
771		<i>Nuttallia nuttallii</i>	(Conrad 1837)
772		Family Semelidae	
773		<i>Cumingia californica</i>	Conrad 1837
774		<i>Semele decisa</i>	(Conrad 1837)
775		<i>Semele venusta</i>	(Reeve 1853)
776		<i>Semele rubropicta</i>	Dall 1871
777		<i>Theora lubrica</i>	Gould 1861
778		Family Solecurtidae	
779		<i>Tagelus affinis</i>	(G. B. Sowerby II 1874)
780		<i>Tagelus subteres</i>	(Conrad 1837)
781		Superfamily Solenoidea	
782		Family Solenidae	
783		<i>Solen rosaceus</i>	Carpenter 1864
784		<i>Solen sicarius</i>	Gould 1850
785		Family Pharidae	
786		<i>Ensis myrae</i>	Berry 1953
787		<i>Siliqua lucida</i>	(Conrad 1837)
788		Superfamily Mactroidea	
789		Family Mactridae	
790		<i>Mactra californica</i>	Conrad 1837
791		<i>Mactra dolabriformis</i>	(Conrad 1867)
792		<i>Spisula catilliformis</i>	Conrad 1867
793		<i>Spisula planulata</i>	(Conrad 1837)
794		<i>Tresus nuttallii</i>	(Conrad 1837)
795	Order Myoidea		
796	Suborder Myina		
797	Superfamily Myoidea		
798	Family Myidae		
799	<i>Cryptomya californica</i>	(Conrad 1837)	
800	<i>Mya arenaria</i>	Linnaeus 1758	
801	<i>Platyodon cancellatus</i>	(Conrad 1837)	
802	<i>Sphenia luticola</i>	Valenciennes 1846	
803	Family Corbulidae		
804	<i>Corbula luteola</i>	Carpenter 1864	
805	<i>Corbula porcella</i>	Dall 1916	
806	Superfamily Hiatelloidea		
807	Family Hiatellidae		
808	<i>Hiatella arctica</i>	(Linnaeus 1767)	
809	<i>Panopea abrupta</i>	(Conrad 1849)	
810	<i>Saxicavella nybakkeni</i>	Scott 1994	
811	<i>Saxicavella pacifica</i>	Dall 1916	
812	Suborder Pholadina		
813	Superfamily Pholadoidea		
814	Family Pholadidae		
815	<i>Xylophaga washingtona</i>	Bartsch 1921	
816	Subclass Anomalodesmata		
817	Order Pholadomyoidea		
818	Superfamily Pandoroidea		
819	Family Pandoridae		
820	<i>Pandora bilirata</i>	Conrad 1855	
821	<i>Pandora filosa</i>	(Carpenter 1864)	
822	<i>Pandora punctata</i>	Conrad 1837	
823	Family Lyonsiidae		
824	<i>Entodesma pictum</i>	(G. B. Sowerby I 1834)	
825	<i>Lyonsia californica</i>	Conrad 1837	
	Superfamily Thracioidea		

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

826	Family Thraciidae	
827	<i>Asthenothaerus diegensis</i>	(Dall 1915)
828	<i>Cyathodonta pedroana</i>	Dall 1915
829	<i>Thracia curta</i>	Conrad 1837
830	<i>Thracia trapezoides</i>	Conrad 1849
831	Family Periplomatidae	
832	<i>Periploma discus</i>	Stearns 1891
833	Order Septibranchida	
834	Superfamily Cuspidarioidea	
835	Family Cuspidariidae	
836	<i>Cardiomya californica</i>	(Dall 1886)
837	<i>Cardiomya costata</i>	(G. B. Sowerby I 1834)
838	<i>Cardiomya pectinata</i>	(Carpenter 1864)
839	<i>Cardiomya planetica</i>	(Dall 1908)
840	<i>Cuspidaria parapodema</i>	Bernard 1969
841	<i>Plectodon scaber</i>	Carpenter 1864
842	Superfamily Verticordioidea	
843	Family Verticordiidae	
844	<i>Verticordia ornata</i>	(d'Orbigny 1842)
845	Superfamily Poromyoidea	
846	Family Poromyidae	
847	<i>Poromya tenuiconcha</i>	Dall 1913
848	Class Scaphopoda	
849	Order Dentaliida	
850	Family Dentaliidae	
851	<i>D. Antalis pretiosum</i>	(G. B. Sowerby II 1860)
852	<i>D. Dentalium neohexagonum</i> ✓	(Sharp & Pilsbry 1897)
853	<i>D. Dentalium vallicolens</i> ✓	Raymond 1904
854	<i>D. Graptacme semipolita</i> ✓	(Broderip & G. B. Sowerby I 1829)
855	Family Laevidentaliidae	
856	<i>P. D. R. Rhabdus rectius</i> ✓	(Carpenter 1865)
857	<i>R. R. Rhabdus watsoni</i> ? ✓	(Sharp & Pilsbry 1897)
858	Order Gadilida	
859	Family Pulsellidae	
860	<i>R. Pulsellum aberrans</i> ✓	(Whiteaves 1887)
861	Family Siphonodentaliidae	
862	<i>P. Polyschides californicus</i> ✓	(Pilsbry & Sharp 1898)
863	<i>R. Polyschides tolmiei</i> ✓	(Dall 1897)
864	<i>D. R. Siphonodentalium quadrifissatum</i> ✓	(Pilsbry & Sharp 1898)
865	Family Gadilidae	
866	unidentified	
867	Class Cephalopoda	
868	Subclass Coleoidea	
869	Superorder Decabrachia	
870	Order Sepioidea	
871	Family Sepiolidae	
872	<i>Rossia pacifica</i>	Berry 1911
873	Superorder Octobrachia	
874	Order Octopoda	
875	Suborder Incirrata	
876	Family Octopodidae	
877	<i>Octopus rubescens</i>	Berry 1953
878	PHYLUM SIPUNCULA	
879	Order Sipunculida	
880	Family Aspidosiphonidae	
881	<i>Paraspidosiphon sp</i>	
882	Family Sipunculidae	
883	<i>Siphonosoma ingens</i>	Fisher 1947

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

884		Family Golfingiidae	
885		<i>Apionsoma misakiana</i>	(Ikeda 1904)
886		<i>Golfingia margaritacea</i>	(M. Sars 1851)
887		<i>Nephasoma diaphanes</i>	(Sluiter 1886)
888		<i>Onchnesoma sp A</i>	SCAMIT 1985 §
889		<i>Thysanocardia nigra</i>	(Ikeda 1904)
890	PHYLUM ECHIURA		
891	Class Echiurida		
892	Order Bonelloinea		
893		Family Bonelliidae	
894		<i>Nellobia eusoma</i>	Fisher 1946
895	Order Echiuroinea		
896		Family Thalassematidae	
897		<i>Arhynchite californicus</i>	Fisher 1947
898		<i>Listriolobus pelodes</i>	Fisher 1946
899	PHYLUM ANNELIDA		
900	Class Polychaeta		
901	Order Orbiniida		
902		Family Orbiniidae	
903		<i>Leitoscoloplos panamensis</i>	(Monro 1933)
904		<i>Leitoscoloplos pugettensis</i>	(Pettibone 1957)
905		<i>Naineris uncinata</i>	Hartman 1957
906		<i>Orbinia johnsoni</i>	(Moore 1909)
907		<i>Phylo felix</i>	Kinberg 1866
908		<i>Scoloplos acmeceps</i>	Chamberlin 1919
909		<i>Scoloplos acmeceps profundus</i>	Hartman 1960
910		<i>Scoloplos "armiger"</i>	
911		Family Paraonidae	
912		<i>Acmira catherinae</i>	(Laubier 1967)
913		<i>Acmira cerrutii</i>	(Laubier 1966)
914		<i>Acmira horikoshii</i>	(Imajima 1973)
915		<i>Acmira lopezi</i>	(Berkeley & Berkeley 1956)
916		<i>Acmira simplex</i>	(Day 1963)
917		<i>Acmira sp C</i>	Lovell 1993 §
918		<i>Aedicira pacifica</i>	(Hartman 1944)
919		<i>Allia antennata</i>	(Annenkova 1934)
920		<i>Allia monicae</i>	(Laubier 1967)
921		<i>Allia ramosa</i>	(Annenkova 1934)
922		<i>Allia sp A</i>	Lovell 1989 §
923		<i>Aricidea wassi</i>	Pettibone 1965
924		<i>Aricidea sp B</i>	Lovell 1977 §
925		<i>Cirrophorus branchiatus</i>	Ehlers 1908
926		<i>Cirrophorus furcatus</i>	(Hartman 1957)
927		<i>Levinsenia gracilis</i>	(Tauber 1879)
928		<i>Levinsenia multibranchiata</i>	(Hartman 1957)
929		<i>Levinsenia oculata</i>	(Hartman 1957)
930		<i>Paradoneis eliasoni</i>	Mackie 1991
931	Order Cossurida		
932		Family Cossuridae	
933		<i>Cossura candida</i>	Hartman 1955
934		<i>Cossura pygodactylata</i>	Jones 1956
935		<i>Cossura sp A</i>	Phillips 1987 §
936	Order Spionida		
937	Suborder Spioniformia		
938		Family Apistobranchidae	
939		<i>Apistobranchus ornatus</i>	Hartman 1965
940		Family Spionidae	
941		<i>Aonides sp A</i>	Phillips 1981 §
942		<i>Apoprionospio pygmaea</i>	(Hartman 1961)

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

943	<i>Boccardia basilaria</i>	Hartman 1961
944	<i>Boccardia pugettensis</i>	Blake 1979
945	<i>Boccardiella</i> sp	
946	<i>Carazziella</i> sp	
947	<i>Dispia uncinata</i>	Hartman 1951
948	<i>Laonice appelloefi</i>	Söderström 1920
949	<i>Laonice cirrata</i>	(M. Sars 1851)
950	<i>Malacoceros punctata</i>	(Hartman 1961)
951	<i>Microspio pigmentata</i>	(Reish 1959)
952	<i>Paraprionospio pinnata</i>	(Ehlers 1901)
953	<i>Polydora armata</i>	(Langerhans 1880)
954	<i>Polydora brachycephala</i>	Hartman 1936
955	<i>Polydora caulleryi</i>	Mesnil 1897
956	<i>Polydora cf armata</i>	SCAMIT 1983 §
957	<i>Polydora commensalis</i>	Andrews 1891
958	<i>Polydora convexa</i>	Blake & Woodwick 1971
959	<i>Polydora heterochaeta</i>	Rioja 1939
960	<i>Polydora ligni</i>	Webster 1879
961	<i>Polydora limicola</i>	Annenkova 1934
962	<i>Polydora narica</i>	Light 1969
963	<i>Polydora nuchalis</i>	Woodwick 1953
964	<i>Polydora socialis</i>	(Schmarda 1861)
965	<i>Prionospio ehlersi</i>	Fauvel 1928
966	<i>Prionospio heterobranchia</i>	Moore 1907
967	<i>Prionospio lighti</i>	Maciolek 1985
968	<i>Prionospio multibranchiata</i>	E. Berkeley 1927
969	<i>Prionospio</i> sp A	SCAMIT 1991 §
970	<i>Prionospio</i> sp B	SCAMIT 1991 §
971	<i>Pseudopolydora kempfi</i>	(Southern 1921)
972	<i>Pseudopolydora paucibranchiata</i>	(Okuda 1937)
973	<i>Rhynchospio glutaea</i>	(Ehlers 1897)
974	<i>Scoletepis occidentalis</i>	(Hartman 1961)
975	<i>Scoletepis squamata</i>	(O. F. Müller 1806)
976	<i>Scoletepis tridentata</i>	(Southern 1914)
977	<i>Spio filicornis</i>	(O. F. Müller 1766)
978	<i>Spio maculata</i>	(Hartman 1961)
979	<i>Spio</i> sp A	Lovell 1986 §
980	<i>Spiophanes berkeleyorum</i>	Pettibone 1962
981	<i>Spiophanes bombyx</i>	(Claparède 1870)
982	<i>Spiophanes fimbriata</i>	Moore 1923
983	<i>Spiophanes missionensis</i>	Hartman 1941
984	<i>Spiophanes wigleyi</i>	Pettibone 1962
985	Family Magelonidae	
986	<i>Magelona berkeleyi</i>	Jones 1971
987	<i>Magelona hartmanae</i>	Jones 1978
988	<i>Magelona longicornis</i>	Johnson 1901
989	<i>Magelona pitelkai</i>	Hartman 1944
990	<i>Magelona riojai</i>	Jones 1963
991	<i>Magelona sacculata</i>	Hartman 1961
992	<i>Magelona</i> sp A	SCAMIT 1993 §
993	Family Trochochaetidae	
994	<i>Trochochaeta multisetosa</i>	(Ørsted 1844)
995	Family Poecilochaetidae	
996	<i>Poecilochaetus johnsoni</i>	Hartman 1939
997	<i>Poecilochaetus</i> sp A	Martin 1977 §
998	Family Heterospionidae	
999	<i>Heterospio catalinensis</i>	(Hartman 1944)
1000	Suborder Chaetopteriformia	

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

1001	Family Chaetopteridae	
1002	<i>Chaetopterus variopedatus</i>	(Renier 1804)
1003	<i>Mesochaetopterus sp</i>	
1004	<i>Phyllochaetopterus limicolus</i>	Hartman 1960
1005	<i>Phyllochaetopterus prolifica</i>	Potts 1914
1006	<i>Spiochaetopterus costarum</i>	(Claparède 1870)
1007	Suborder Cirratuliformia	
1008	Family Cirratulidae	
1009	<i>Aphelochaeta monilaris</i>	(Hartman 1960)
1010	<i>Aphelochaeta multifilis</i>	(Moore 1909)
1011	<i>Aphelochaeta sp B</i>	Dorsey 1984 §
1012	<i>Aphelochaeta sp C</i>	Dorsey 1984 §
1013	<i>Caulleriella alata</i>	(Southern 1914)
1014	<i>Caulleriella hamata</i>	(Hartman 1948)
1015	<i>Caulleriella gracilis</i>	Hartman 1961
1016	<i>Chaetozone armata</i>	Hartman 1963
1017	<i>Chaetozone corona</i>	Berkeley & Berkeley 1941
1018	<i>Chaetozone gracilis</i>	(Moore 1923)
1019	<i>Chaetozone "setosa"</i>	
1020	<i>Cirratulus cirratus</i>	(O. F. Müller 1776)
1021	<i>Cirriformia luxuriosa</i>	(Moore 1904)
1022	<i>Cirriformia spirabranca</i>	(Moore 1904)
1023	<i>Cirriformia tentaculata</i>	(Montagu 1808)
1024	<i>Dodecaceria concharum</i>	Ørsted 1843
1025	<i>Monticellina dorsobranchialis</i>	(Kirkegaard 1959)
1026	<i>Monticellina tessellata</i>	(Hartman 1960)
1027	<i>Raricirrus maculata</i>	Hartman 1961
1028	Order Capitellida	
1029	Family Capitellidae	
1030	<i>Anotomastus gordiodes</i>	(Moore 1909)
1031	<i>Capitella "capitata"</i>	
1032	<i>Dasybranchus glabrus</i>	Moore 1909
1033	<i>Decamastus gracilis</i>	Hartman 1963
1034	<i>Dodecaseta oraria</i>	McCammon & Stull 1978
1035	<i>Heteromastus filiformis</i>	(Claparède 1864)
1036	<i>Heteromastus filobranthus</i>	Berkeley & Berkeley 1932
1037	<i>Mediomastus acutus</i>	Hartman 1969
1038	<i>Mediomastus ambiseta</i>	(Hartman 1947)
1039	<i>Mediomastus californiensis</i>	Hartman 1944
1040	<i>Notomastus magnus</i>	Hartman 1947
1041	<i>Notomastus tenuis</i>	Moore 1909
1042	<i>Scyphoproctus oculus</i>	Reish 1959
1043	Family Arenicolidae	
1044	<i>Abarenicola pacifica</i>	Healy & Wells 1959
1045	Family Maldanidae	
1046	<i>Chirimia biceps lacera</i>	(Moore 1923)
1047	<i>Clymenella complanata</i>	Hartman 1969
1048	<i>Clymenella sp A</i>	Harris 1985 §
1049	<i>Clymenopsis californiensis</i>	Hartman 1969
1050	<i>Clymenura gracilis</i>	Hartman 1969
1051	<i>Euclymene campanula</i>	Hartman 1969
1052	<i>Euclymene delineata</i>	Moore 1923
1053	<i>Euclymene grossa newporti</i>	Berkeley & Berkeley 1941
1054	<i>Euclymeninae sp A</i>	SCAMIT 1987 §
1055	<i>Isocirrus longiceps</i>	(Moore 1923)
1056	<i>Maldane sarsi</i>	Malmgren 1865
1057	<i>Metasychis disparidentatus</i>	(Moore 1904)
1058	<i>Nicomache sp</i>	
1059	<i>Notoproctus pacificus</i>	(Moore 1906)

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

1060	<i>Petaloproctus borealis</i>	Arwidsson 1907
1061	<i>Petaloproctus neoborealis</i>	Hartman 1969
1062	<i>Petaloproctus tenuis</i>	(Théel 1879)
1063	<i>Praxillella gracilis</i>	(M. Sars 1861)
1064	<i>Praxillura maculata</i>	Moore 1923
1065	<i>Praxillella pacifica</i>	E. Berkeley 1929
1066	<i>Rhodine bitorquata</i>	Moore 1923
1067	Order Opheliida	
1068	Family Opheliidae	
1069	<i>Armandia brevis</i>	(Moore 1906)
1070	<i>Ophelia pulchella</i>	Tebble 1953
1071	<i>Ophelina acuminata</i>	Ørsted 1843
1072	<i>Polyophthalmus pictus</i>	(Dujardin 1839)
1073	<i>Travisia brevis</i>	Moore 1923
1074	<i>Travisia gigas</i>	Hartman 1938
1075	<i>Travisia pupa</i>	Moore 1906
1076	Family Scalibregmatidae	
1077	<i>Asclerocheilus californicus</i>	Hartman 1963
1078	<i>Scalibregma inflatum</i>	Rathke 1843
1079	Order Phyllodocida	
1080	Suborder Phyllodociformia	
1081	Family Phyllodocidae	
1082	<i>Eteone fauchaldi</i>	Kravitz & Jones 1979
1083	<i>Eteone leptotes</i>	Blake 1992
1084	<i>Eteone pigmentata</i>	Blake 1992
1085	<i>Eulalia bilineata</i>	(Johnston 1840)
1086	<i>Eulalia californiensis</i>	(Hartman 1936)
1087	<i>Eulalia levicornuta</i>	Moore 1909
1088	<i>Eulalia quadrioculata</i>	Moore 1906
1089	<i>Eulalia sp 4</i>	Hamilton 1976 §
1090	<i>Eumida sp 1</i>	Hamilton 1976 §
1091	<i>Eumida sp 2</i>	Hamilton 1976 §
1092	<i>Hesionura coineaui difficilis</i>	(Banse 1963)
1093	<i>Mystides sp</i>	
1094	<i>Nereiphylla castanea</i>	(Marenzeller 1879)
1095	<i>Paranaitis polynoides</i>	(Moore 1909)
1096	<i>Phyllodoce cuspidata</i>	McCammon & Montagne 1979
1097	<i>Phyllodoce groenlandica</i>	Ørsted 1843
1098	<i>Phyllodoce hartmanae</i>	Blake & Walton 1977
1099	<i>Phyllodoce longipes</i>	Kinberg 1866
1100	<i>Phyllodoce medipapillata</i>	Moore 1909
1101	<i>Phyllodoce pettibonae</i>	Blake 1988
1102	<i>Pterocirrus californiensis</i>	(Chamberlain 1919)
1103	<i>Pterocirrus sp A</i>	Harris 1984 §
1104	<i>Pterocirrus sp B</i>	Harris 1984 §
1105	Suborder Aphroditiformia	
1106	Superfamily Aphroditoidea	
1107	Family Aphroditidae	
1108	<i>Aphrodita armifera</i>	Moore 1910
1109	<i>Aphrodita brevitentaculata</i>	Essenberg 1917
1110	<i>Aphrodita castanea</i>	Moore 1910
1111	<i>Aphrodita japonica</i>	Marenzeller 1879
1112	<i>Aphrodita refulgida</i>	Moore 1910
1113	<i>Aphrodita sp A</i>	Rossi 1978 §
1114	Family Polynoidae	
1115	<i>Arcteobia cf anticostiensis</i>	SCAMIT 1990 §
1116	<i>Arctonoe pulchra</i>	(Johnson 1897)
1117	<i>Eunoe cf depressa</i>	SCAMIT 1990 §
1118	<i>Halosydna brevisetosa</i>	Kinberg 1855

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

1119	<i>Halosydna johnsoni</i>	(Darboux 1899)
1120	<i>Halosydna latior</i>	Chamberlin 1919
1121	<i>Harmothoe fragilis</i>	(Moore 1910)
1122	<i>Harmothoe hirsuta</i>	Johnson 1897
1123	<i>Harmothoe nigralba</i>	(E. Berkeley 1923)
1124	<i>Harmothoe scriptoria</i>	Moore 1910
1125	<i>Harmothoe sp A</i>	SCAMIT 1990 §
1126	<i>Harmothoe sp B</i>	SCAMIT 1990 §
1127	<i>Hesperonoe laevis</i>	Hartman 1961
1128	<i>Hololepida magna</i>	Moore 1905
1129	<i>Lagisca extenuata</i>	(Grube 1840)
1130	<i>Lepidasthenia longicirrata</i>	E. Berkeley 1923
1131	<i>Lepidasthenia berkeleyae</i>	Pettibone 1948
1132	<i>Subadyte mexicana</i>	Fauchald 1972
1133	<i>Tenonia priops</i>	(Hartman 1961)
1134	Family Acoetidae	
1135	<i>Acoetes mortenseni</i>	(Monro 1928)
1136	<i>Acoetes pacifica</i>	(Treadwell 1914)
1137	<i>Polyodontes panamensis</i>	(Chamberlin 1919)
1138	Family Pholoidae	
1139	<i>Pholoe glabra</i>	Hartman 1961
1140	<i>Pholoides asperus</i>	(Johnson 1897)
1141	Family Sigalionidae	
1142	<i>Sigalion spinosa</i>	(Hartman 1939)
1143	<i>Sthenelais fusca</i>	Johnson 1897
1144	<i>Sthenelais tertiaglabra</i>	Moore 1910
1145	<i>Sthenelais verruculosa</i>	Johnson 1897
1146	<i>Sthenelais berkeleyi</i>	Pettibone 1971
1147	<i>Sthenelanella uniformis</i>	Moore 1910
1148	Superfamily Chrysopetaloidea	
1149	Family Chrysopetalidae	
1150	<i>Paleanotus bellis</i>	(Johnson 1897)
1151	Superfamily Pisionoidea	
1152	Family Pisionidae	
1153	<i>Pisione remota</i>	(Southern 1914)
1154	Suborder Nereidiformia	
1155	Family Hesionidae	
1156	<i>Amphiduros pacificus</i>	Hartman 1961
1157	<i>Gyptis brunnea</i>	(Hartman 1961)
1158	<i>Hesionella mccullochae</i>	Hartman 1939
1159	<i>Heteropodarke heteromorpha</i>	Hartmann-Schröder 1962
1160	<i>Microphthalmus sp</i>	
1161	<i>Micropodarke dubia</i>	(Hessle 1925)
1162	<i>Ophiodromus pugettensis</i>	(Johnson 1901)
1163	<i>Podarkeopsis glabrus</i>	(Hartman 1961)
1164	<i>Podarkeopsis sp A</i>	Harris & Velarde 1983 §
1165	Family Pilargiidae	
1166	<i>Ancistargis hamata</i>	(Hartman 1960)
1167	<i>Ancistrosyllis breviceps</i>	Hartman 1963
1168	<i>Ancistrosyllis groenlandica</i>	McIntosh 1879
1169	<i>Parandalia fauveli</i>	(Berkeley & Berkeley 1941)
1170	<i>Parandalia ocularis</i>	Emerson & Fauchald 1971
1171	<i>Pilargis berkeleyae</i>	Monro 1933
1172	<i>Sigambra tentaculata</i>	(Treadwell 1941)
1173	Family Syllidae	
1174	<i>Autolytus sp</i>	
1175	<i>Amblyosyllis sp</i>	
1176	<i>Brania sp</i>	
1177	<i>Eusyllis habei</i>	Imajima 1966

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

1178	<i>Eusyllis transecta</i>	Hartman 1966
1179	<i>Exogone cf verugera</i>	SCAMIT 1987 §
1180	<i>Exogone lourei</i>	Berkeley & Berkeley 1938
1181	<i>Exogone molesta</i>	Banse 1972
1182	<i>Exogone uniformis</i>	Hartman 1961
1183	<i>Exogone sp A</i>	SCAMIT 1987 §
1184	<i>Exogone sp B</i>	SCAMIT 1987 §
1185	<i>Exogone sp C</i>	SCAMIT 1987 §
1186	<i>Exogonella brunnea</i>	Hartman 1961
1187	<i>Haplosyllis spongicola</i>	(Grube 1855)
1188	<i>Odontosyllis phosphorea</i>	Moore 1909
1189	<i>Odontosyllis sp A</i>	Phillips 1984 §
1190	<i>Opisthodonta sp</i>	
1191	<i>Opisthosyllis sp</i>	
1192	<i>Pionosyllis uraga</i>	Imajima 1966
1193	<i>Proceraea sp</i>	
1194	<i>Procerastea sp</i>	
1195	<i>Sphaerosyllis brandhorsti</i>	Hartmann-Schröder 1965
1196	<i>Sphaerosyllis californiensis</i>	Hartman 1966
1197	<i>Sphaerosyllis sp A</i>	Harris & Dorsey 1986 §
1198	<i>Streptosyllis sp</i>	
1199	<i>Syllides japonica</i>	Imajima 1966
1200	<i>Syllides longocirrata</i>	Ørsted 1845
1201	<i>Syllides reishi</i>	Dorsey 1978
1202	<i>Syllis (Ehlersia) heterochaeta</i>	Moore 1909
1203	<i>Syllis (Ehlersia) hyperioni</i>	Dorsey & Phillips 1987
1204	<i>Syllis (Syllis) elongata</i>	(Johnson 1901)
1205	<i>Syllis (Syllis) gracilis</i>	Grube 1840
1206	<i>Syllis (Typosyllis) farallonensis</i>	(Blake & Walton 1977)
1207	<i>Trypanosyllis sp</i>	
1208	Family Nereididae	
1209	<i>Ceratonereis mirabilis</i>	Kinberg 1866
1210	<i>Gymnonereis crosslandi</i>	(Monro 1933)
1211	<i>Nereis latescens</i>	Chamberlin 1919
1212	<i>Nereis procera</i>	Ehlers 1868
1213	<i>Platynereis bicanaliculata</i>	(Baird 1863)
1214	<i>Platynereis dumerilli</i>	(Audouin & Milne Edwards 1833)
1215	Suborder Glyceriformia	
1216	Family Glyceridae	
1217	<i>Glycera americana</i>	Leidy 1855
1218	<i>Glycera convoluta</i>	Keferstein 1862
1219	<i>Glycera nana</i>	Johnson 1901
1220	<i>Glycera oxycephala</i>	Ehlers 1887
1221	<i>Glycera robusta</i>	Ehlers 1868
1222	<i>Glycera tenuis</i>	Hartman 1944
1223	<i>Glycera tessellata</i>	Grube 1863
1224	<i>Glycera sp A</i>	Shisko 1977 §
1225	<i>Hemipodus borealis</i>	Johnson 1901
1226	Family Goniadidae	
1227	<i>Glycinde armigera</i>	Moore 1911
1228	<i>Goniada annulata</i>	Moore 1905
1229	<i>Goniada brunnea</i>	Treadwell 1906
1230	<i>Goniada littorea</i>	Hartman 1950
1231	<i>Goniada maculata</i>	Ørsted 1843
1232	suborder not recognized	
1233	Family Nephtyidae	
1234	<i>Aglaophamus dicirris</i>	Hartman 1950
1235	<i>Aglaophamus erectans</i>	Hartman 1950
1236	<i>Nephtys assignis</i>	Hartman 1950

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

1237	<i>Nephtys caecoides</i>	Hartman 1938
1238	<i>Nephtys californiensis</i>	Hartman 1938
1239	<i>Nephtys cornuta cornuta</i>	Berkeley & Berkeley 1945
1240	<i>Nephtys cornuta franciscana</i>	R. B. Clark & Jones 1955
1241	<i>Nephtys ferruginea</i>	Hartman 1940
1242	<i>Nephtys parva</i>	R. B. Clark & Jones 1955
1243	<i>Nephtys punctata</i>	Hartman 1938
1244	<i>Nephtys signifera</i>	Hilbig 1992
1245	Family Sphaerodoridae	
1246	<i>Clavodorum clavatum</i>	Fauchald 1972
1247	<i>Ephesiella brevicapitis</i>	(Moore 1909)
1248	<i>Sphaerephesia longisetis</i>	Fauchald 1972
1249	<i>Sphaerodoropsis biserialis</i>	(Berkeley & Berkeley 1944)
1250	<i>Sphaerodoropsis minuta</i>	(Webster & Benedict 1887)
1251	<i>Sphaerodoropsis sphaerulifer</i>	(Moore 1909)
1252	Order Amphinomida	
1253	Family Amphinomidae	
1254	<i>Chloeia pinnata</i>	Moore 1911
1255	<i>Pareurythoe californica</i>	(Johnson 1897)
1256	Family Euphrosinidae	
1257	<i>Euphrosine arctica</i>	Johnson 1897
1258	Order Eunicida	
1259	Superfamily Eunicoidea	
1260	Family Onuphidae	
1261	<i>Diopatra ornata</i>	Moore 1911
1262	<i>Diopatra splendidissima</i>	Kinberg 1865
1263	<i>Diopatra tridentata</i>	Hartman 1944
1264	<i>Hyalinoecia juvenalis</i>	Moore 1911
1265	<i>Mooreonuphis exigua</i>	(Shisko 1981)
1266	<i>Mooreonuphis litoralis</i>	(Monro 1933)
1267	<i>Mooreonuphis nebulosa</i>	(Moore 1911)
1268	<i>Mooreonuphis segmentispadix</i>	(Shisko 1981)
1269	<i>Mooreonuphis stigmatis</i>	(Treadwell 1922)
1270	<i>Nothria occidentalis</i>	Fauchald 1968
1271	<i>Onuphis elegans</i>	(Johnson 1901)
1272	<i>Onuphis eremita</i>	Audouin & Milne Edwards 1833
1273	<i>Onuphis eremita parva</i>	Berkeley & Berkeley 1941
1274	<i>Onuphis geophiliformis</i>	Moore 1903
1275	<i>Onuphis iridescens</i>	Johnson 1901
1276	<i>Onuphis multiannulata</i>	Shisko 1981
1277	<i>Onuphis pallida</i>	(Moore 1911)
1278	<i>Onuphis sp 1</i>	Pt. Loma 1983 §
1279	<i>Paradiopatra parva</i>	(Moore 1911)
1280	<i>Rhamphobrachium longisetosum</i>	Berkeley & Berkeley 1938
1281	Family Eunicidae	
1282	<i>Eunice americana</i>	Hartman 1944
1283	<i>Marphysa conferta</i>	Moore 1911
1284	<i>Marphysa disjuncta</i>	Hartman 1961
1285	<i>Marphysa sp A</i>	Harris & Velarde 1983 §
1286	Family Lumbrineridae	
1287	<i>Errano lagunae</i>	(Fauchald 1970)
1288	<i>Lumbrinerides platypygos</i>	(Fauchald 1970)
1289	<i>Lumbrineris bassi</i>	Hartman 1944
1290	<i>Lumbrineris bicirrata</i>	Treadwell 1929
1291	<i>Lumbrineris californiensis</i>	Hartman 1944
1292	<i>Lumbrineris cruzensis</i>	Hartman 1944
1293	<i>Lumbrineris erecta</i>	(Moore 1904)
1294	<i>Lumbrineris index</i>	Moore 1911
1295	<i>Lumbrineris inflata</i>	Moore 1911

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

1296	<i>Lumbrineris japonica</i>	(Marenzeller 1879)
1297	<i>Lumbrineris latreilli</i>	Audouin & Milne Edwards 1834
1298	<i>Lumbrineris limicola</i>	Hartman 1944
1299	<i>Lumbrineris minima</i>	Hartman 1944
1300	<i>Lumbrineris pallida</i>	Hartman 1944
1301	<i>Lumbrineris "tetraura"</i>	
1302	<i>Lumbrineris zonata</i>	(Johnson 1901)
1303	<i>Lumbrineris sp B</i>	Harris 1984 §
1304	<i>Ninoe sp A</i>	Harris 1985 §
1305	<i>Paraninoe fusca</i>	(Moore 1911)
1306	Family Arabellidae	
1307	<i>Arabella endonata</i>	Emerson 1974
1308	<i>Arabella iricolor</i>	(Montagu 1804)
1309	<i>Drilonereis falcata</i>	Moore 1911
1310	<i>Drilonereis filum</i>	(Claparède 1868)
1311	<i>Drilonereis longa</i>	Webster 1879
1312	<i>Drilonereis mexicana</i>	Fauchald 1970
1313	<i>Drilonereis nuda</i>	Moore 1909
1314	<i>Notocirrus californiensis</i>	Hartman 1944
1315	Family Dorvilleidae	
1316	<i>Dorvillea sp</i>	
1317	<i>Meiodorvillea sp</i>	
1318	<i>Ophryotrocha sp A</i>	SCAMIT 1987 §
1319	<i>Ophryotrocha sp B</i>	SCAMIT 1987 §
1320	<i>Ophryotrocha sp C</i>	SCAMIT 1987 §
1321	<i>Parougia caeca</i>	(Webster & Benedict 1884)
1322	<i>Pettiboneia sp</i>	
1323	<i>Protodorvillea gracilis</i>	(Hartman 1938)
1324	<i>Schistomeringos longicornis</i>	(Ehlers 1901)
1325	Order Sternaspida	
1326	Family Sternaspidae	
1327	<i>Sternaspis fossor</i>	Stimpson 1854
1328	Order Oweniida	
1329	Family Oweniidae	
1330	<i>Myriochele gracilis</i>	Hartman 1955
1331	<i>Myriochele pygidialis</i>	Hartman 1960
1332	<i>Myriochele sp M</i>	SCAMIT 1985 §
1333	<i>Myriowenia californiensis</i>	Hartman 1960
1334	<i>Owenia collaris</i>	Hartman 1955
1335	Order Flabelligerida	
1336	Family Flabelligeridae	
1337	<i>Brada pluribranchiata</i>	(Moore 1923)
1338	<i>Brada villosa</i>	(Rathke 1843)
1339	<i>Flabelligera infundibularis</i>	Johnson 1901
1340	<i>Pherusa capulata</i>	(Moore 1909)
1341	<i>Pherusa inflata</i>	(Treadwell 1914)
1342	<i>Pherusa neopapillata</i>	Hartman 1961
1343	<i>Piromis hospitis</i>	Fauchald 1972
1344	<i>Piromis sp A</i>	Harris 1985 §
1345	Order Fauveliopsida	
1346	Family Fauveliopsidae	
1347	<i>Fauveliopsis armata</i>	Fauchald & Hancock 1981
1348	<i>Fauveliopsis glabra</i>	(Hartman 1960)
1349	Order Terebellida	
1350	Family Sabellariidae	
1351	<i>Phragmatopoma californica</i>	(Fewkes 1889)
1352	<i>Sabellaria cementarium</i>	Moore 1906
1353	Family Pectinariidae	
1354	<i>Pectinaria californiensis</i>	Hartman 1941

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

1355		
1356		
1357		
1358		
1359		
1360		
1361		
1362		
1363		
1364		
1365		
1366		
1367		
1368		
1369		
1370		
1371		
1372		
1373		
1374		
1375		
1376		
1377		
1378		
1379		
1380		
1381		
1382		
1383		
1384		
1385		
1386		
1387		
1388		
1389		
1390		
1391		
1392		
1393		
1394		
1395		
1396		
1397		
1398		
1399		
1400		
1401		
1402		
1403		
1404		
1405		
1406		
1407		
1408		
1409		
1410		
1411		
1412		
1413		
	Family Ampharetidae	
	<i>Amage anops</i>	(Johnson 1901)
	<i>Ampharete acutifrons</i>	(Grube 1860)
	<i>Ampharete arctica</i>	Malmgren 1866
	<i>Ampharete labrops</i>	Hartman 1961
	<i>Amphicteis glabra</i>	Moore 1905
	<i>Amphicteis mucronata</i>	Moore 1923
	<i>Amphicteis scaphobranchiata</i>	Moore 1906
	<i>Anobothrus gracilis</i>	(Malmgren 1866)
	<i>Asabellides lineata</i>	(Berkeley & Berkeley 1943)
	<i>Eclysippe trilobata</i>	(Hartman 1969)
	<i>Lysippe sp A</i>	Williams 1985 §
	<i>Lysippe sp B</i>	Williams 1985 §
	<i>Melinna heterodonta</i>	Moore 1923
	<i>Melinna oculata</i>	Hartman 1969
	<i>Mexamage longibranchiata</i>	(Hartman 1960)
	<i>Moosesamytha bioculata</i>	(Moore 1906)
	<i>Paramage scutata</i>	(Moore 1923)
	<i>Sabellides sp</i>	
	<i>Samytha californiensis</i>	Hartman 1969
	<i>Samytha sexcirrata</i>	(M. Sars 1856)
	<i>Schistocomus hiltoni</i>	Chamberlain 1919
	<i>Schistocomus sp A</i>	SCAMIT 1987 §
	<i>Sosane occidentalis</i>	(Hartman 1969)
	<i>Sosanopsis sp A</i>	Phillips 1987 §
	Family Terebellidae	
	<i>Amaeana occidentalis</i> ✓	(Hartman 1944)
	<i>Amphitrite robusta</i>	Johnson 1901
	<i>Artacama coniferi</i> ✓	Moore 1905
	<i>Eupolymnia heterobranchia</i> ✓	(Johnson 1901)
	<i>Lanassa gracilis</i> ✓	(Moore 1923)
	<i>Lanassa venusta venusta</i> ✓	(Malm 1874)
	<i>Lanassa sp D</i> ✓	Harris 1992 §
	<i>Lanice conchilega</i> ✓	(Pallas 1776) ?
	<i>Laphania sp</i>	
	<i>Loimia medusa</i> ✓	(Savigny 1818)
	<i>Neoleprea japonica</i>	Hessle 1917
	<i>Neoleprea spiralis</i>	(Johnson 1901)
	<i>Pista alata</i> ✓	Moore 1909
	<i>Pista elongata</i> ✓	Moore 1909
	<i>Pista fasciata</i> ✓	(Grube 1870)
	<i>Pista moorei</i> ✓	Berkeley & Berkeley 1942
	<i>Pista sp B</i> ✓	SCAMIT 1985 §
	<i>Polycirrus californicus</i> ✓	Moore 1909
	<i>Polycirrus sp I</i> ✓	Banse 1980
	<i>Proclea sp A</i> ✓	Harris 1992 §
	<i>Scionella japonica</i> ✓	Moore 1903
	<i>Spinosphaera oculata</i>	Hartman 1944
	<i>Streblosoma crassibranchia</i> ✓	Treadwell 1914
	<i>Streblosoma sp B</i> ✓	SCAMIT 1985 §
	<i>Thelepus hamatus</i> ✓	Moore 1905
	<i>Thelepus setosus</i> ✓	(Quatrefages 1865)
	Family Trichobranchidae	
	<i>Artacamella hancocki</i>	Hartman 1955
	<i>Terebellides californica</i>	Williams 1984
	<i>Terebellides reishi</i>	Williams 1984
	<i>Terebellides sp Type C</i>	Williams 1984
	<i>Terebellides sp Type D</i>	Williams 1984
	<i>Trichobranchus sp</i>	

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

1414	Order Sabellida		
1415	Family Sabellidae		
1416	<i>Bispira</i> sp		
1417	<i>Chone albocincta</i>		Banse 1972
1418	<i>Chone minuta</i>		Hartman 1944
1419	<i>Chone mollis</i>		(Bush 1904)
1420	<i>Chone veleronis</i>		Banse 1972
1421	<i>Chone</i> sp B		Harris 1984 §
1422	<i>Chone</i> sp C		Harris 1984 §
1423	<i>Demonax</i> sp 1		Fitzhugh 1993 §
1424	<i>Euchone arenae</i>		Hartman 1966
1425	<i>Euchone hancocki</i>		Banse 1970
1426	<i>Euchone incolor</i>		Hartman 1965
1427	<i>Euchone limnicola</i>		Reish 1959
1428	<i>Euchone velifera</i>		Banse 1972
1429	<i>Euchone</i> sp A		SCAMIT 1986 §
1430	<i>Fabrisabella</i> sp A		SCAMIT 1986 §
1431	<i>Jasmineira</i> sp B		SCAMIT 1986 §
1432	<i>Manayunkia</i> sp		
1433	<i>Megalomma pigmentum</i>		Reish 1963
1434	<i>Megalomma splendida</i>		(Moore 1905)
1435	<i>Myxicola infundibulum</i>		(Renier 1804)
1436	<i>Potamethus</i> sp A		SCAMIT 1986 §
1437	<i>Pseudopotamilla ocellata</i>		Moore 1905
1438	<i>Pseudopotamilla socialis</i>		Hartman 1944
1439	<i>Pseudopotamilla</i> sp 1		Fitzhugh 1993 §
1440	Family Serpulidae		
1441	<i>Apomatus timsii</i>		Pixell 1912
1442	<i>Chitinopoma groenlandica</i>		(Mörch 1863)
1443	<i>Hyalopomatus biformis</i>		(Hartman 1960)
1444	<i>Hydroides gracilis</i>		(Bush 1904)
1445	<i>Hydroides pacificus</i>		Hartman 1969
1446	<i>Placostegus californicus</i>		Hartman 1969
1447	<i>Protula superba</i>		Moore 1909
1448	<i>Spirobranchus spinosus</i>		Moore 1923
1449	<i>Vermiliopsis infundibulum</i>		(Phillippi 1844)
1450	Family Spirobridae		
1451	<i>Spirobrus</i> sp		
1452	order uncertain		
1453	Family Polygordiidae		
1454	<i>Polygordius</i> sp		
1455	Family Saccocirridae		
1456	<i>Saccocirrus papilloecercus</i>		Bobretzky 1872
1457	Class Hirudinea		
1458	unidentified		
1459	Class Oligochaeta		
1460	Family Tubificidae		
1461	<i>Bathydrilus litoreus</i>		Baker 1983
1462	<i>Bathydrilus parkeri</i>		Erséus 1991
1463	<i>Limnodriloides barnardi</i>		Cook 1974
1464	<i>Limnodriloides monotheucus</i>		Erséus 1991
1465	<i>Tectidrilus diversus</i>		Cook 1974
1466	<i>Tectidrilus profusus</i>		Erséus 1991
1467	<i>Tubificoides bakeri</i>		Brinkhurst 1985
1468	PHYLUM ARTHROPODA		
1469	Subphylum Cheliceriformia		
1470	Class Pycnogonida		
1471	Order Pelmata		
1472	Suborder Eupantopodida		

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

1473	Superfamily Iuventelloidea	
1474	Family Ammonotheidae	
1475	<i>Ammonothella setosa</i>	Hilton 1942
1476	<i>Eurycyde spinosa</i>	Hilton 1916
1477	<i>Prototrygaeus jordanae</i>	Child 1990
1478	Family Tanystylidae	
1479	<i>Tanystylum californicum</i>	Hilton 1939
1480	Superfamily Vellendoidea	
1481	Family Callipallenidae	
1482	<i>Anoropallene palpida</i>	(Hilton 1939)
1483	<i>Callipallene pacifica</i>	Hedgpeth 1939
1484	Superfamily Nymphonoidea	
1485	Family Nymphonidae	
1486	<i>Nymphon heterodenticulatum</i>	Hedgpeth 1941
1487	<i>Nymphon pixellae</i>	Scott 1913
1488	Suborder Anoplodactylida	
1489	Family Phoxichilliidae	
1490	<i>Anoplodactylus californicus</i>	Hall 1912
1491	<i>Anoplodactylus erectus</i>	Cole 1904
1492	<i>Anoplodactylus nodosus</i>	Hilton 1939
1493	<i>Anoplodactylus oculospinus</i>	Hilton 1942
1494	<i>Anoplodactylus pacificus</i>	Hilton 1942
1495	Order Pycnogonomorpha	
1496	Family Pycnogonidae	
1497	<i>Pycnogonum rickettsi</i>	Schmitt 1934
1498	<i>Pycnogonum stearnsi</i>	Ives 1892
1499	Class Arachnida	
1500	Subclass Opilionoidea	
1501	Superorder Opiliones	
1502	Order Acarina	
1503	Suborder Trombidiformes	
1504	unidentified	
1505	Subphylum Crustacea	
1506	Class Ostracoda	
1507	Subclass Myodocopa	
1508	Order Myodocopida	
1509	Suborder Myodocopina	
1510	Superfamily Cypridinoidea	
1511	Family Cypridinidae	
1512	<i>Vargula tsujii</i>	Kornicker & Baker 1977
1513	Family Philomedidae	
1514	<i>Euphilomedes carcharodonta</i>	(Smith 1952)
1515	<i>Euphilomedes longiseta</i>	(Juday 1907)
1516	<i>Euphilomedes producta</i>	Poulsen 1962
1517	<i>Harbansus bradmyersi</i>	Kornicker 1978
1518	<i>Philomedes dentata</i>	Poulsen 1962
1519	<i>Scleroconcha trituberculata</i>	(Lucas 1931)
1520	Family Cylindroleberididae	
1521	<i>Asteropella slatteryi</i>	Kornicker 1981
1522	<i>Bathyleberis californica</i>	Baker 1979
1523	<i>Bathyleberis garthi</i>	Baker 1979
1524	<i>Bathyleberis hancocki</i>	Baker 1979
1525	<i>Leuroleberis sharpei</i>	Kornicker 1981
1526	<i>Parasterope barnesi</i>	Baker 1978
1527	<i>Parasterope hulingsi</i>	Baker 1978
1528	Family Sarsiellidae	
1529	<i>Eusarsiella thominx</i>	Kornicker 1987
1530	<i>Eusarsiella sp A</i>	SCAMIT 1988 §
1531	<i>Sarsiella sp C</i>	MEC 1985 §

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

1532	Family Rutidermatidae	
1533	<i>Rutiderma lomae</i>	(Juday 1907)
1534	<i>Rutiderma rostratum</i>	Juday 1907
1535	<i>Rutiderma rotundum</i>	Poulsen 1965
1536	Order Podocopida	
1537	Suborder Podocopina	
1538	Superfamily Cypridoidea	
1539	Family Cyprididae	
1540	<i>Cyprideis stewarti</i>	Benson 1959
1541	Family Macrocyprididae	
1542	<i>Macrocyprina pacifica</i>	LeRoy 1943
1543	Class Copepoda	
1544	Order Harpacticoida	
1545	unidentified	
1546	Order Poecilostomatoida	
1547	Family Clausidiidae	
1548	<i>Clausidium vancouverense</i>	(Haddon 1912)
1549	<i>Hemicyclops thysanotus</i>	Wilson 1935
1550	Family Spiophanicolidae	
1551	<i>Spiophanica spinulosus</i>	Ho 1984
1552	Order Monstrilloidea	
1553	Family Thespesiopsyllidae	
1554	unidentified	
1555	Class Cirripedia	
1556	Order Thoracica	
1557	Suborder Lepadomorpha	
1558	Superfamily Scalpelloidea	
1559	Family Scalpellidae	
1560	<i>Hamatoscalpellum californicum</i>	(Pilsbry 1907)
1561	Suborder Balanomorpha	
1562	Superfamily Balanoidea	
1563	Family Archaeobalanidae	
1564	<i>Conopea galeata</i>	(Linnaeus 1771)
1565	Family Balanidae	
1566	<i>Balanus crenatus</i>	Bruguère 1789
1567	<i>Balanus pacificus</i>	Pilsbry 1916
1568	<i>Balanus trigonus</i>	Darwin 1854
1569	<i>Megabalanus californicus</i>	(Pilsbry 1916)
1570	Class Malacostraca	
1571	Subclass Phyllocarida	
1572	Order Leptostraca	
1573	Family Nebaliidae	
1574	<i>Nebalia pugettensis</i>	(A. E. Clark 1932)
1575	Subclass Hoplocarida	
1576	Order Stomatopoda	
1577	Superfamily Gonodactyloidea	
1578	Family Hemisquillidae	
1579	<i>Hemisquilla ensigera californiensis</i>	Stephenson 1967
1580	Family Pseudosquillidae	
1581	<i>Pseudosquillopsis marmorata</i>	(Lockington 1877)
1582	Superfamily Squilloidea	
1583	Family Squillidae	
1584	<i>Schmittius politus</i>	(Bigelow 1891)
1585	Subclass Eumalacostraca	
1586	Superorder Peracarida	
1587	Order Mysidacea	
1588	Suborder Mysida	
1589	Family Mysidae	
1590	<i>Acanthomysis californica</i>	Murano & Chess 1987

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

1591	<i>Alienacanthomysis macropsis</i>	(W. M. Tattersall 1932)
1592	<i>Amathimysis trigibba</i>	Murano & Chess 1987
1593	<i>Cubanomysis mysteriosa</i>	Gleye 1982
1594	<i>Exacanthomysis davisii</i>	(Banner 1948)
1595	<i>Heteromysis odontops</i>	Walker 1898
1596	<i>Holmesimysis costata</i>	(Holmes 1900)
1597	<i>Inusitatomysis californica</i>	Bacescu & Gleye 1979
1598	<i>Metamysidopsis elongata</i>	(Holmes 1900)
1599	<i>Mysidella americana</i>	Banner 1948
1600	<i>Mysidopsis brattegardii</i>	Bacescu & Gleye 1979
1601	<i>Mysidopsis cathengela</i>	Gleye 1982
1602	<i>Mysidopsis intii</i>	Holmquist 1957
1603	<i>Mysidopsis onofrensis</i>	Bacescu & Gleye 1979
1604	<i>Neomysis kadiakensis</i>	Ortmann 1908
1605	<i>Neomysis rayi</i>	(Murdock 1885)
1606	<i>Pacifacanthomysis nephrophthalma</i>	(Banner 1948)
1607	<i>Pseudomma berkeleyi</i>	W. M. Tattersall 1932
1608	<i>Pseudomma californica</i>	Bacescu & Gleye 1979
1609	<i>Siriella pacifica</i>	Holmes 1900
1610	Order Cumacea	
1611	Family Bodotriidae	
1612	<i>Cyclaspis nubila</i>	Zimmer 1936
1613	<i>Cyclaspis sp A</i>	SCAMIT 1986 §
1614	<i>Cyclaspis sp B</i>	SCAMIT 1989 §
1615	<i>Cyclaspis sp C</i>	SCAMIT 1986 §
1616	<i>Glyphocuma sp A</i>	SCAMIT 1989 §
1617	<i>Leptocuma forsmanni</i>	Zimmer 1943
1618	<i>Vaunthompsonia pacifica</i>	Zimmer 1943
1619	Family Leuconidae	
1620	<i>Eudorella pacifica</i>	Hart 1931
1621	<i>Eudorellopsis longirostris</i>	Given 1961
1622	<i>Leucon subnasica</i>	Given 1961
1623	<i>Leucon sp A</i>	Myers & Benedict 1974 §
1624	Family Nannastacidae	
1625	<i>Campylaspis canaliculata</i>	Zimmer 1936
1626	<i>Campylaspis cf crispa</i>	SCAMIT 1986 §
1627	<i>Campylaspis hartae</i>	Lie 1969
1628	<i>Campylaspis rubromaculata</i>	Lie 1971
1629	<i>Campylaspis rufa</i>	Hart 1931
1630	<i>Campylaspis sp A</i>	SCAMIT 1993 §
1631	<i>Campylaspis sp B</i>	SCAMIT 1986 §
1632	<i>Campylaspis sp C</i>	Myers & Benedict 1974 §
1633	<i>Campylaspis sp D</i>	SCAMIT 1988 §
1634	<i>Campylaspis sp E</i>	Myers & Benedict 1974 §
1635	<i>Campylaspis sp P</i>	MBC 1986 §
1636	<i>Cumella sp A</i>	Myers & Benedict 1974 §
1637	<i>Cumella sp B</i>	Myers & Benedict 1974 §
1638	<i>Procampylaspis sp A</i>	SCAMIT 1983 §
1639	Family Lampropidae	
1640	<i>Hemilamprops californica</i>	Zimmer 1936
1641	<i>Lamprops carinata</i>	Hart 1931
1642	<i>Lamprops quadruplicata</i>	Smith 1879
1643	<i>Mesolamprops bispinosa</i>	Given 1964
1644	Family Diastylidae	
1645	<i>Anchicolurus occidentalis</i>	(Calman 1912)
1646	<i>Diastylis californica</i>	Zimmer 1936
1647	<i>Diastylis paraspiculosa</i>	Zimmer 1926
1648	<i>Diastylis pellucida</i>	Hart 1931
1649	<i>Diastylis sp A</i>	SCAMIT 1986 §

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

1650	<i>Diastylis sp D</i>	Phillips 1981 §
1651	<i>Diastylopsis tenuis</i>	Zimmer 1936
1652	<i>Leptostylis villosa</i>	(G. O. Sars 1869)
1653	<i>Leptostylis sp A</i>	SCAMIT 1983 §
1654	<i>Leptostylis sp E</i>	MBC 1983 §
1655	<i>Oxyurostylis pacifica</i>	Zimmer 1936
1656	Order Tanaidacea	
1657	Suborder Tanaidomorpha	
1658	Superfamily Paratanaoidea	
1659	Family Paratanaidae	
1660	<i>Leptocheilia dubia</i>	(Krøyer 1842)
1661	Paratanaidae sp A	Paquette 1985 §
1662	Family Leptognathiidae	
1663	<i>Araphura sp A</i>	SCAMIT 1987 §
1664	<i>Araphura sp B</i>	SCAMIT 1987 §
1665	<i>Araphura sp C</i>	SCAMIT 1987 §
1666	<i>Leptognathia sp E</i>	SCAMIT 1985 §
1667	<i>Synaptotanaeis sp A</i>	Phillips 1983 §
1668	<i>Tanaella sp A</i>	SCAMIT 1987 §
1669	<i>Typhlotanaeis sp A</i>	SCAMIT 1987 §
1670	Family Anarthuridae	
1671	<i>Scoloura phillipsi</i>	Sieg & Dojiri 1991
1672	<i>Tanaopsis cadieni</i>	Sieg & Dojiri 1991
1673	Family Pseudotanaidae	
1674	<i>Pseudotanaeis sp</i>	
1675	Superfamily Tanaidoidea	
1676	Family Tanaidae	
1677	<i>Sinelobus stanfordi</i>	(Richardson 1901)
1678	<i>Zeuxo normani</i>	(Richardson 1905)
1679	Order Isopoda	
1680	Suborder Gnathiidea	
1681	Family Gnathiidae	
1682	<i>Gnathia crenulatifrons</i>	Monod 1926
1683	<i>Gnathia sanctaerucis</i>	Schultz 1972
1684	<i>Gnathia tridens</i>	Menzies & J. L. Barnard 1959
1685	<i>Gnathia trilobata</i>	Schultz 1966
1686	Suborder Anthuridea	
1687	Family Anthuridae	
1688	<i>Amakusanthura californiensis</i>	(Schultz 1964)
1689	<i>Cyathura munda</i>	Menzies 1951
1690	<i>Haliophasma geminatum</i>	Menzies & J. L. Barnard 1959
1691	Family Paranthuridae	
1692	<i>Califanthura squamosissima</i>	(Menzies 1951)
1693	<i>Paranthura elegans</i>	Menzies 1951
1694	Suborder Flabellifera	
1695	Superfamily Seroloidea	
1696	Family Serolidae	
1697	<i>Serolis carinata</i>	Lockington 1877
1698	Superfamily Cirolanoidea	
1699	Family Aegidae	
1700	<i>Rocinela angustata</i>	Richardson 1904
1701	<i>Rocinela belliceps</i>	(Stimpson 1864)
1702	Family Cirolanidae	
1703	<i>Cirolana diminuta</i>	Menzies 1962
1704	<i>Eurydice caudata</i>	Richardson 1899
1705	Family Corallanidae	
1706	<i>Excorallana truncata</i>	(Richardson 1899)
1707	Family Cymothoidae	
1708	<i>Livoneca vulgaris</i>	Stimpson 1857

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

1709	<i>Nerocila acuminata</i>	Schiødte & Meinert 1881
1710	Family Limnoriidae	
1711	<i>Limnoria sp</i>	
1712	Family Sphaeromatidae	
1713	<i>Discerceis granulosa</i>	(Richardson 1899)
1714	<i>Exosphaeroma rhomburum</i>	(Richardson 1899)
1715	<i>Paracerceis cordata</i>	(Richardson 1899)
1716	<i>Paracerceis sculpta</i>	(Holmes 1904)
1717	Suborder Valvifera	
1718	Family Arcturidae	
1719	<i>Idarcturus allelomorphus</i>	Menzies & J. L. Barnard 1959
1720	<i>Neastacilla californica</i>	(Boone 1918)
1721	Family Idoteidae	
1722	<i>Edotia sublittoralis</i>	Menzies & J. L. Barnard 1959
1723	<i>Edotia sp A</i>	MEC 1981 §
1724	<i>Edotia sp B</i>	MEC 1984 §
1725	<i>Idotea montereyensis</i>	Maloney 1933
1726	<i>Idotea resecata</i>	Stimpson 1857
1727	<i>Synidotea calcarea</i>	Schultz 1966
1728	<i>Synidotea magnifica</i>	Menzies & J. L. Barnard 1959
1729	<i>Synidotea media</i>	Iverson 1972
1730	Suborder Epicaridea	
1731	Superfamily Bopyroidea	
1732	Family Bopyridae	
1733	<i>Phyllodurus abdominalis</i>	Stimpson 1857
1734	Suborder Asellota	
1735	Superfamily Janiroidea	
1736	Family Janiridae	
1737	<i>Caecianiopsis sp</i>	
1738	<i>Janiralata occidentalis</i>	(Walker 1898)
1739	<i>Janiralata solasteri</i>	(Hatch 1947)
1740	Family Joeropsididae	
1741	<i>Joeropsis concava</i>	Schultz 1966
1742	<i>Joeropsis dubia</i>	Menzies 1951
1743	Family Munnidae	
1744	<i>Munna stephensi</i>	Gurjanova 1933
1745	<i>Uromunna ubiquita</i>	(Menzies 1952)
1746	Family Munnopsidae	
1747	<i>Belonectes sp A</i>	Wilson 1992 §
1748	<i>Ilyarachna acarina</i>	Menzies & J. L. Barnard 1959
1749	Family Paramunnidae	
1750	<i>Munnogonium erratum</i>	(Schultz 1964)
1751	<i>Munnogonium tillerae</i>	(Menzies & J. L. Barnard 1959)
1752	<i>Pleurogonium californiense</i>	Menzies 1951
1753	<i>Pleurogonium sp A</i>	Wilson 1992 §
1754	Order Amphipoda	
1755	Suborder Gammaridea	
1756	Superfamily Pontogeneioidea	
1757	Family Eusiridae	
1758	<i>Eusiroides monoculoides</i>	(Haswell 1879)
1759	<i>Eusirus longipes</i>	Boeck 1861
1760	<i>Oradarea longimana</i>	(Boeck 1871)
1761	<i>Pontogeneia inermis</i>	(Krøyer 1838)
1762	<i>Pontogeneia rostrata</i>	Gurjanova 1938
1763	<i>Rhachotropis distincta</i>	(Holmes 1908)
1764	<i>Rhachotropis sp A</i>	Velarde 1987 §
1765	<i>Tethygeneia opata</i>	(J. L. Barnard 1979)
1766	Family Bateidae	
1767	<i>Batea transversa</i>	Shoemaker 1926

1768		
1769		
1770	Superfamily Oedicerotoidea	
1771	Family Oedicerotidae	
1772	<i>Bathymedon kassites</i>	J. L. Barnard 1966
1773	<i>Bathymedon pumilus</i>	J. L. Barnard 1962
1774	<i>Bathymedon roquedo</i>	J. L. Barnard 1962
1775	<i>Bathymedon vulpeculus</i>	J. L. Barnard 1971
1776	<i>Monoculodes emarginatus</i>	J. L. Barnard 1962
1777	<i>Monoculodes hartmanae</i>	J. L. Barnard 1962
1778	<i>Monoculodes latissimanus</i>	Stephensen 1931
1779	<i>Monoculodes norvegicus</i>	(Boeck 1861)
1780	<i>Synchelidium rectipalmum</i>	Mills 1962
1781	<i>Synchelidium shoemakeri</i>	Mills 1962
1782	<i>Westwoodilla caecula</i>	(Bate 1857)
1783	Superfamily Leucothoidea	
1784	Family Pleustidae	
1785	<i>Dactylopleustes sp A</i>	SCAMIT 1988 §
1786	<i>Parapleustes behningi</i>	(Gurjanova 1938)
1787	<i>Parapleustes oculatus</i>	(Holmes 1908)
1788	<i>Parapleustes pugettensis</i>	(Dana 1853)
1789	<i>Pleusirus securus</i>	J. L. Barnard 1969
1790	<i>Pleustes depressus</i>	Alderman 1936
1791	<i>Pleustes platypa</i>	J. L. Barnard & Given 1960
1792	<i>Pleusymtes subglaber</i>	(J. L. Barnard & Given 1960)
1793	<i>Stenopleustes monocuspis</i>	J. L. Barnard & Given 1960
1794	Family Amphilochidae	
1795	<i>Amphilochus litoralis</i>	Stout 1912
1796	<i>Amphilochus "neapolitanus"</i>	
1797	<i>Amphilochus picadurus</i>	J. L. Barnard 1962
1798	<i>Gitana calitemplado</i>	J. L. Barnard 1962
1799	Family Leucothoidae	
1800	<i>Leucothoe spinicarpa</i>	(Abildgaard 1789)
1801	Family Stenothoidae	
1802	<i>Metopa dawsoni</i>	J. L. Barnard 1962
1803	<i>Parametopella ninis</i>	J. L. Barnard 1962
1804	<i>Stenothoe estacola</i>	J. L. Barnard 1962
1805	<i>Stenothoe frecanda</i>	J. L. Barnard 1962
1806	<i>Stenothoides bicoma</i>	J. L. Barnard 1962
1807	<i>Stenothoides burbanki</i>	J. L. Barnard 1969
1808	<i>Stenula modosa</i>	J. L. Barnard 1962
1809	Superfamily Talitroidea	
1810	Family Hyalidae	
1811	<i>Hyalae sp</i>	
1812	Family Phliantidae	
1813	<i>Pariphinotus escabrosus</i>	(J. L. Barnard 1962)
1814	Superfamily Phoxocephaloidea	
1815	Family Urothoidae	
1816	<i>Urothoe varvarini</i>	Gurjanova 1953
1817	Family Phoxocephalidae	
1818	<i>Cephalophoxoides homilis</i>	(J. L. Barnard 1960)
1819	<i>Eobrolgus spinosus</i>	(Holmes 1903)
1820	<i>Eyakia robusta</i>	(Holmes 1908)
1821	<i>Foxiphalus cognatus</i>	(J. L. Barnard 1960)
1822	<i>Foxiphalus golfensis</i>	J. L. Barnard & C. M. Barnard 1982
1823	<i>Foxiphalus major</i>	(J. L. Barnard 1960)
1824	<i>Foxiphalus obtusidens</i>	(Alderman 1936)
1825	<i>Foxiphalus similis</i>	(J. L. Barnard 1960)
1826	<i>Harpiniopsis epistomata</i>	J. L. Barnard 1960
	<i>Harpiniopsis fulgens</i>	J. L. Barnard 1960
	<i>Harpiniopsis galera</i>	J. L. Barnard 1960

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

1827	<i>Heterophoxus oculus</i>	(Holmes 1908)
1828	<i>Mandibulophoxus gilesi</i>	J. L. Barnard 1957
1829	<i>Metaphoxus frequens</i>	J. L. Barnard 1960
1830	<i>Metharpinia coronadoi</i>	J. L. Barnard 1980
1831	<i>Metharpinia jonesi</i>	(J. L. Barnard 1963)
1832	<i>Parametaphoxus fultoni</i>	(Scott 1890)
1833	<i>Paraphoxus oculus</i>	(G. O. Sars 1879)
1834	<i>Rhepoxynius abronius</i>	(J. L. Barnard 1960)
1835	<i>Rhepoxynius bicuspidatus</i>	(J. L. Barnard 1960)
1836	<i>Rhepoxynius daboius</i>	(J. L. Barnard 1960)
1837	<i>Rhepoxynius fatigans</i>	(J. L. Barnard 1960)
1838	<i>Rhepoxynius heterocuspoidatus</i>	(J. L. Barnard 1960)
1839	<i>Rhepoxynius lucubrans</i>	(J. L. Barnard 1960)
1840	<i>Rhepoxynius menziesi</i>	J. L. Barnard & C. M. Barnard 1982
1841	<i>Rhepoxynius stenodes</i>	(J. L. Barnard 1960)
1842	<i>Rhepoxynius variatus</i>	(J. L. Barnard 1960)
1843	<i>Rhepoxynius sp A</i>	SCAMIT 1987 §
1844	Family Platyischnopidae	
1845	<i>Tiburionella viscana</i>	(J. L. Barnard 1969)
1846	Superfamily Lysianassoidea	
1847	Family Lysianassidae	
1848	<i>Acidostoma hancocki</i>	Hurley 1963
1849	<i>Anonyx lilljeborgi</i>	Boeck 1871
1850	<i>Aristias sp A</i>	SCAMIT 1985 §
1851	<i>Aruga holmesi</i>	J. L. Barnard 1955
1852	<i>Aruga oculata</i>	Holmes 1908
1853	<i>Dissiminassa dissimilis</i>	(Stout 1913)
1854	<i>Hippomedon columbianus</i>	Jarrett & Bousfield 1982
1855	<i>Hippomedon subrobustus</i>	Hurley 1963
1856	<i>Hippomedon tenax</i>	J. L. Barnard 1966
1857	<i>Hippomedon zetesimus</i>	Hurley 1963
1858	<i>Hippomedon sp A</i>	Diener 1990 §
1859	<i>Lepidepecreum garthi</i>	Hurley 1963
1860	<i>Lepidepecreum gurjanovae</i>	Hurley 1963
1861	<i>Lepidepecreum sp A</i>	SCAMIT 1985 §
1862	<i>Opisa tridentata</i>	Hurley 1963
1863	<i>Orchomene anaquelus</i>	J. L. Barnard 1964
1864	<i>Orchomene decipiens</i>	(Hurley 1963)
1865	<i>Orchomene pacificus</i>	(Gurjanova 1938)
1866	<i>Orchomene pinguis</i>	(Boeck 1861)
1867	<i>Pachynus barnardi</i>	Hurley 1963
1868	<i>Prachynella lodo</i>	J. L. Barnard 1964
1869	<i>Rimakoroga rima</i>	(J. L. Barnard 1964)
1870	<i>Schisturella cocula</i>	J. L. Barnard 1966
1871	<i>Schisturella dorothaeae</i>	(Hurley 1963)
1872	<i>Schisturella tricalero</i>	(J. L. Barnard 1966)
1873	<i>Socarnes hartmani</i>	Hurley 1963
1874	<i>Socarnoides illudens</i>	Hurley 1963
1875	Superfamily Synopioidea	
1876	Family Synopioidea	
1877	<i>Bruzelia tuberculata</i>	G. O. Sars 1883
1878	<i>Garosyrrhoë bigarra</i>	(J. L. Barnard 1962)
1879	<i>Garosyrrhoë sp A</i>	Laughlin 1988 §
1880	<i>Syrrhoë longifrons</i>	Shoemaker 1964
1881	<i>Syrrhoë sp A</i>	SCAMIT 1987 §
1882	<i>Tiron biocellata</i>	J. L. Barnard 1962
1883	<i>Tiron tropakis</i>	J. L. Barnard 1972
1884	Family Argissidae	
1885	<i>Argissa hamatipes</i>	(Norman 1869)

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

1886	Superfamily Stegocephaloidea	
1887	Family Stegocephalidae	
1888	<i>Stegocephalus hancocki</i>	Hurley 1956
1889	Family Iphimediidae	
1890	<i>Coboldus hedgpethi</i>	(J. L. Barnard 1969)
1891	Superfamily Pardaliscoidea	
1892	Family Pardaliscidae	
1893	<i>Halicoides synopiae</i>	(J. L. Barnard 1962)
1894	<i>Nicippe tumida</i>	Bruzellius 1859
1895	<i>Pardalisca tenuipes</i>	G. O. Sars 1895
1896	<i>Pardaliscella symmetrica</i>	J. L. Barnard 1959
1897	Superfamily Liljeborgioidea	
1898	Family Liljeborgiidae	
1899	<i>Listriella albina</i>	J. L. Barnard 1959
1900	<i>Listriella diffusa</i>	J. L. Barnard 1959
1901	<i>Listriella eriopisa</i>	J. L. Barnard 1959
1902	<i>Listriella goleta</i>	J. L. Barnard 1959
1903	<i>Listriella melanica</i>	J. L. Barnard 1959
1904	<i>Listriella sp A</i>	SCAMIT 1987 §
1905	Superfamily Dexaminoidea	
1906	Family Dexaminidae	
1907	<i>Atylus tridens</i>	(Alderman 1936)
1908	<i>Guerneia reduncans</i>	(J. L. Barnard 1958)
1909	Superfamily Ampeliscoidea	
1910	Family Ampeliscidae	
1911	<i>Ampelisca agassizi</i>	(Judd 1896)
1912	<i>Ampelisca brachycladus</i>	Roney 1990
1913	<i>Ampelisca brevisimulata</i>	J. L. Barnard 1954
1914	<i>Ampelisca careyi</i>	Dickinson 1982
1915	<i>Ampelisca cristata</i>	Holmes 1908
1916	<i>Ampelisca cristata microdentata</i>	J. L. Barnard 1954
1917	<i>Ampelisca "hancocki"</i>	
1918	<i>Ampelisca indentata</i>	J. L. Barnard 1954
1919	<i>Ampelisca lobata</i>	Holmes 1908
1920	<i>Ampelisca milleri</i>	J. L. Barnard 1954
1921	<i>Ampelisca pacifica</i>	Holmes 1908
1922	<i>Ampelisca pugetica</i>	Stimpson 1864
1923	<i>Ampelisca romigi</i>	J. L. Barnard 1954
1924	<i>Ampelisca shoemakeri</i>	J. L. Barnard 1954
1925	<i>Ampelisca unsocalae</i>	J. L. Barnard 1960
1926	<i>Byblis veleronis</i>	J. L. Barnard 1954
1927	Superfamily Pontoporeioidea	
1928	Family Haustoriidae	
1929	<i>Eohaustorius washingtonianus</i>	(Thorsteinson 1941)
1930	Superfamily Melphidippoidea	
1931	Family Melphidippidae	
1932	<i>Melphisana "bola"</i>	
1933	Family Megaluropidae	
1934	<i>Gibberosus myersi</i>	(McKinney 1980)
1935	Megaluropidae genus A sp A	SCAMIT 1987 §
1936	Family Melitidae	
1937	<i>Ceradocus spinicaudus</i>	(Holmes 1908)
1938	<i>Dulichella appendiculata</i>	(Say 1818)
1939	<i>Elasmopus bampo</i>	J. L. Barnard 1979
1940	<i>Elasmopus mutatus</i>	J. L. Barnard 1962
1941	<i>Iionellia occidentalis</i>	(J. L. Barnard 1959)
1942	<i>Maera simile</i>	Stout 1913
1943	<i>Maera vigota</i>	J. L. Barnard 1969
1944	<i>Melita dentata</i>	(Krøyer 1842)

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

1945	<i>Melita desdichada</i>	J. L. Barnard 1962
1946	Superfamily Corophioidea	
1947	Family Ampithoidae	
1948	<i>Ampithoe plumulosa</i>	Shoemaker 1938
1949	<i>Ampithoe raymondi</i>	Audouin 1826
1950	<i>Ampithoe valida</i>	Smith 1873
1951	<i>Cymadusa uncinata</i>	(Stout 1912)
1952	<i>Peramphithoe humeralis</i>	(Stimpson 1864)
1953	<i>Peramphithoe lindbergi</i>	(Gurjanova 1938)
1954	<i>Peramphithoe mea</i>	(Gurjanova 1938)
1955	<i>Peramphithoe plea</i>	(J. L. Barnard 1965)
1956	<i>Peramphithoe tea</i>	(J. L. Barnard 1965)
1957	Family Isaeidae	
1958	<i>Ampelisciphotis podophthalma</i>	(J. L. Barnard 1958)
1959	<i>Amphideutopus oculatus</i>	J. L. Barnard 1959
1960	<i>Chevalia inaequalis</i>	(Stout 1913)
1961	<i>Gammaropsis barnardi</i>	Kudryashov & Tzvetkova 1975
1962	<i>Gammaropsis martesia</i>	(J. L. Barnard 1964)
1963	<i>Gammaropsis ociosa</i>	(J. L. Barnard 1962)
1964	<i>Gammaropsis thompsoni</i>	(Walker 1898)
1965	<i>Photis bifurcata</i>	J. L. Barnard 1962
1966	<i>Photis brevipes</i>	Shoemaker 1942
1967	<i>Photis californica</i>	Stout 1913
1968	<i>Photis conchicola</i>	Alderman 1936
1969	<i>Photis lacia</i>	J. L. Barnard 1962
1970	<i>Photis macinerneyi</i>	Conlan 1983
1971	<i>Photis macrotica</i>	J. L. Barnard 1962
1972	<i>Photis parvidons</i>	Conlan 1983
1973	<i>Photis viuda</i>	J. L. Barnard 1962
1974	<i>Photis sp A</i>	MBC 1972 §
1975	<i>Photis sp B</i>	Paquette 1987 §
1976	<i>Photis sp C</i>	MEC 1988 §
1977	<i>Photis sp D</i>	Myers 1976 §
1978	<i>Protomedeia articulata</i>	J. L. Barnard 1962
1979	<i>Protomedeia prudens</i>	J. L. Barnard 1966
1980	Family Ischyroceridae	
1981	<i>Cerapus "tubularis"</i>	
1982	<i>Erichthonius brasiliensis</i>	(Dana 1853)
1983	<i>Erichthonius rubricornis</i>	(Stimpson 1853)
1984	<i>Ischyrocerus anguipes</i>	Krøyer 1838
1985	<i>Ischyrocerus litotes</i>	(J. L. Barnard 1954)
1986	<i>Ischyrocerus pelagops</i>	J. L. Barnard 1962
1987	<i>Ischyrocerus sp B</i>	J. L. Barnard 1969
1988	<i>Ischyrocerus sp C</i>	Paquette 1989 §
1989	<i>Jassa slatteryi</i>	Conlan 1990
1990	Family Aoridae	
1991	<i>Acuminodeutopus heteruopus</i>	J. L. Barnard 1959
1992	<i>Aoroides columbiae</i>	Walker 1898
1993	<i>Aoroides exilis</i>	Conlan & Bousfield 1982
1994	<i>Aoroides inermis</i>	Conlan & Bousfield 1982
1995	<i>Aoroides intermedia</i>	Conlan & Bousfield 1982
1996	<i>Aoroides spinosa</i>	Conlan & Bousfield 1982
1997	<i>Bemlos audbettius</i>	(J. L. Barnard 1962)
1998	<i>Bemlos concavus</i>	(Stout 1913)
1999	<i>Columbaora cyclocoxa</i>	Conlan & Bousfield 1982
2000	<i>Grandidierella japonica</i>	Stephensen 1938
2001	<i>Paramicrodeutopus schmitti</i>	(Shoemaker 1942)
2002	<i>Rudilemboides stenopropodus</i>	J. L. Barnard 1959

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

2003	Family Corophiidae	
2004	<i>Corophium acherusicum</i>	Costa 1857
2005	<i>Corophium baconi</i>	Shoemaker 1934
2006	<i>Corophium insidiosum</i>	Crawford 1937
2007	Family Podoceridae	
2008	<i>Podocerus brasiliensis</i>	(Dana 1853)
2009	<i>Podocerus cristatus</i>	(Thomson 1879)
2010	Suborder Caprellidea	
2011	Superfamily Phtisicoidea	
2012	Family Phtisicidae	
2013	<i>Hemiproto sp A</i>	Benedict 1978 §
2014	Superfamily Caprelloidea	
2015	Family Aeginellidae	
2016	<i>Deutella californica</i>	Mayer 1890
2017	<i>Mayerella banksia</i>	Laubitz 1970
2018	<i>Tritella pilimana</i>	Mayer 1890
2019	Family Caprellidae	
2020	<i>Caprella californica</i>	Stimpson 1857
2021	<i>Caprella equilibra</i>	Say 1818
2022	<i>Caprella gracilior</i>	Mayer 1903
2023	<i>Caprella mendax</i>	Mayer 1903
2024	<i>Caprella natalensis</i>	(Mayer 1903)
2025	<i>Caprella penantis</i>	Leach 1814
2026	<i>Caprella verrucosa</i>	Boeck 1872
2027	<i>Caprella sp E</i>	Benedict 1978 §
2028	<i>Metacaprella kennerlyi</i>	(Stimpson 1864)
2029	Superorder Eucarida	
2030	Order Decapoda	
2031	Suborder Penaeidea	
2032	Superfamily Penaeoidea	
2033	Family Sicyoniidae	
2034	<i>Sicyonia ingentis</i>	(Burkenroad 1938)
2035	Suborder Caridea	
2036	Superfamily Atyoidea	
2037	Family Oplophoridae	
2038	unidentified	
2039	Superfamily Alpheoidea	
2040	Family Alpheidae	
2041	<i>Alpheopsis equidactylus</i>	(Lockington 1877)
2042	<i>Alpheus bellimanus</i>	Lockington 1877
2043	<i>Alpheus californiensis</i>	Holmes 1900
2044	<i>Alpheus clamator</i>	Lockington 1877
2045	<i>Automate sp A</i>	SCAMIT 1993 §
2046	<i>Betaeus ensenadensis</i>	Glassell 1938
2047	<i>Betaeus harfordi</i>	(Kingsley 1878)
2048	<i>Betaeus harrimani</i>	Rathbun 1904
2049	<i>Betaeus longidactylus</i>	Lockington 1877
2050	<i>Salmonius sp A</i>	Cadien 1986 §
2051	Family Hippolytidae	
2052	<i>Eualus lineatus</i>	Wicksten & Butler 1983
2053	<i>Heptacarpus palpator</i>	(Owen 1839)
2054	<i>Heptacarpus pictus</i>	(Stimpson 1871)
2055	<i>Heptacarpus stimpsoni</i>	Holthuis 1947
2056	<i>Hippolyte californiensis</i>	Holmes 1895
2057	<i>Hippolyte clarki</i>	Chace 1951
2058	<i>Spirontocaris holmesi</i>	Holthuis 1947
2059	<i>Spirontocaris lamellicornis</i>	(Dana 1852)
2060	<i>Spirontocaris snyderi</i>	Rathbun 1902

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

2061	Family Ogyrididae	
2062	<i>Ogyrides sp A</i>	Roney 1978 §
2063	Superfamily Crangonoidea	
2064	Family Crangonidae	
2065	<i>Crangon alaskensis</i>	Lockington 1877
2066	<i>Crangon alba</i>	Holmes 1900
2067	<i>Crangon handi</i>	Kuris & Carlton 1977
2068	<i>Crangon holmesi</i>	Rathbun 1902
2069	<i>Crangon nigromaculata</i>	Lockington 1877
2070	<i>Mesocrangon munitella</i>	(Walker 1898)
2071	<i>Metacrangon spinosissima</i>	(Rathbun 1902)
2072	<i>Neocrangon communis</i>	(Rathbun 1899)
2073	<i>Neocrangon resima</i>	(Rathbun 1902)
2074	<i>Neocrangon zaca</i>	(Chace 1937)
2075	<i>Rhynocrangon alata</i>	(Rathbun 1902)
2076	Superfamily Palaemonoidea	
2077	Family Palaemonidae	
2078	unidentified	
2079	Suborder Reptantia	
2080	Infraorder Palinura	
2081	Family Palinuridae	
2082	<i>Panulirus interruptus</i>	Randall 1839
2083	Infraorder Thalassinidea	
2084	Family Axiidae	
2085	<i>Acanthaxius spinulicaudus</i>	(Rathbun 1902)
2086	Family Laomediidae	
2087	<i>Naushonia macginitiei</i>	(Glassell 1938)
2088	Family Callianassidae	
2089	<i>Neotrypaea biffari</i>	(Holthuis 1991)
2090	<i>Neotrypaea californiensis</i>	(Dana 1854)
2091	Family Upogebiidae	
2092	<i>Upogebia lept</i>	Williams 1986
2093	<i>Upogebia macginitieorum</i>	Williams 1986
2094	Infraorder Anomura	
2095	Family Diogenidae	
2096	<i>Isocheles pilosus</i>	(Holmes 1900)
2097	<i>Paguristes bakeri</i>	Holmes 1900
2098	<i>Paguristes parvus</i>	Holmes 1900
2099	<i>Paguristes turgidus</i>	(Stimpson 1857)
2100	<i>Paguristes ulreyi</i>	Schmitt 1921
2101	Family Paguridae	
2102	<i>Enallopaguropsis guatemoci</i>	(Glassell 1937)
2103	<i>Haigia diegensis</i>	(Scanland & Hopkins 1969)
2104	<i>Orthopagurus minimus</i>	(Holmes 1900)
2105	<i>Pagurus armatus</i>	(Dana 1851)
2106	<i>Pagurus granosimanus</i>	(Stimpson 1859)
2107	<i>Pagurus redondoensis</i>	Wicksten 1982
2108	<i>Pagurus samuelis</i>	(Stimpson 1857)
2109	<i>Pagurus spilocarpus</i>	Haig 1977
2110	<i>Parapagurodes laurentae</i>	McLaughlin & Haig 1973
2111	<i>Parapagurodes makarovi</i>	McLaughlin & Haig 1973
2112	<i>Phimochirus californiensis</i>	(Benedict 1892)
2113	<i>Pytopagurus holmesi</i>	Schmitt 1921
2114	Family Parapaguridae	
2115	<i>Sympagurus haigae</i>	(de Saint Laurent 1972)
2116	Family Galatheidae	
2117	<i>Pleuroncodes planipes</i>	Stimpson 1860
2118	Family Porcellanidae	
2119	<i>Pachycheles pubescens</i>	Holmes 1900

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

2120	<i>Petrolisthes cinctipes</i>	(Randall 1839)
2121	Family Hippidae	
2122	<i>Emerita analoga</i>	(Stimpson 1857)
2123	Family Albuneidae	
2124	<i>Blepharipoda occidentalis</i>	Randall 1839
2125	<i>Lepidopa californica</i>	Efford 1971
2126	Infraorder Brachyura	
2127	Family Dorippidae	
2128	<i>Deilocerus planus</i>	(Rathbun 1900)
2129	Family Calappidae	
2130	<i>Platymera gaudichaudii</i>	Milne Edwards 1837
2131	Family Leucosiidae	
2132	<i>Randallia bulligera</i>	Rathbun 1898
2133	<i>Randallia ornata</i>	(Randall 1839)
2134	Family Majidae	
2135	<i>Erileptus spinosus</i>	Rathbun 1893
2136	<i>Loxorhynchus crispatus</i>	Stimpson 1857
2137	<i>Loxorhynchus grandis</i>	Stimpson 1857
2138	<i>Pelia tumida</i>	(Lockington 1877)
2139	<i>Podochela hemphillii</i>	(Lockington 1877)
2140	<i>Podochela lobifrons</i>	Rathbun 1925
2141	<i>Pugettia dalli</i>	Rathbun 1893
2142	<i>Pugettia richii</i>	Dana 1851
2143	<i>Pyromaia tuberculata</i>	(Lockington 1877)
2144	Family Parthenopidae	
2145	<i>Heterocrypta occidentalis</i>	(Dana 1854)
2146	Family Cancridae	
2147	<i>Cancer amphioetus</i>	Rathbun 1898
2148	<i>Cancer antennarius</i>	Stimpson 1856
2149	<i>Cancer anthonyi</i>	Rathbun 1879
2150	<i>Cancer branneri</i>	Rathbun 1926
2151	<i>Cancer gracilis</i>	Dana 1852
2152	<i>Cancer jordani</i>	Rathbun 1900
2153	<i>Cancer productus</i>	Randall 1839
2154	Family Portunidae	
2155	<i>Portunus xantusii</i>	(Stimpson 1860)
2156	Family Xanthidae	
2157	<i>Lophopanopeus bellus</i>	(Stimpson 1860)
2158	<i>Lophopanopeus frontalis</i>	(Rathbun 1893)
2159	<i>Lophopanopeus leucomanus</i>	(Lockington 1876)
2160	Family Grapsidae	
2161	<i>Hemigrapsus nudus</i>	(Dana 1851)
2162	<i>Hemigrapsus oregonensis</i>	(Dana 1851)
2163	<i>Pachygrapsus crassipes</i>	Randall 1839
2164	Family Pinnotheridae	
2165	<i>Fabia concharum</i>	(Rathbun 1893)
2166	<i>Fabia subquadrata</i>	Dana 1851
2167	<i>Opisthopus transversus</i>	Rathbun 1893
2168	<i>Pinnixa barnharti</i>	Rathbun 1918
2169	<i>Pinnixa forficulimanus</i>	Zmarzly 1992
2170	<i>Pinnixa franciscana</i>	Rathbun 1918
2171	<i>Pinnixa hiatus</i>	Rathbun 1918
2172	<i>Pinnixa longipes</i>	(Lockington 1876)
2173	<i>Pinnixa minuscula</i>	Zmarzly 1992
2174	<i>Pinnixa occidentalis</i>	Rathbun 1893
2175	<i>Pinnixa schmitti</i>	Rathbun 1918
2176	<i>Pinnixa tomentosa</i>	(Lockington 1876)
2177	<i>Pinnixa tubicola</i>	Holmes 1894
2178	<i>Pinnixa weymouthi</i>	Rathbun 1918

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

2179	<i>Pinnotheres pugettensis</i>	Holmes 1900
2180	<i>Scleroplax granulata</i>	Rathbun 1893
2181	PHYLUM ECHINODERMATA	
2182	Subphylum Asterozoa	
2183	Class Asteroidea	
2184	Superorder Platyasteracea	
2185	Order Paxillosida	
2186	Family Luidiidae	
2187	<i>Luidia armata</i>	Ludwig 1905
2188	<i>Luidia asthenosoma</i>	Fisher 1906
2189	<i>Luidia foliolata</i>	Grube 1866
2190	Family Astropectinidae	
2191	<i>Astropecten armatus</i>	Gray 1840
2192	<i>Astropecten verrilli</i>	de Loriol 1899
2193	Superorder Valvatacea	
2194	Order Valvatida	
2195	Suborder Granulosina	
2196	Family Goniasteridae	
2197	<i>Mediaster aequalis</i>	Stimpson 1857
2198	Family Asterinidae	
2199	<i>Asterina miniata</i>	(Brandt 1835)
2200	Order Forcipulatida	
2201	Suborder Asteriadina	
2202	Family Asteriidae	
2203	<i>Pisaster brevispinus</i>	(Stimpson 1857)
2204	<i>Pycnopodia helianthoides</i>	(Brandt 1835)
2205	Class Ophiuroidea	
2206	Order Ophiurida	
2207	Suborder Laemophiurina	
2208	Family Ophiacanthidae	
2209	<i>Ophiacantha diplasia</i>	H. L. Clark 1911
2210	Suborder Gnathophiurina	
2211	Family Ophiactidae	
2212	<i>Ophiactis sp</i>	
2213	<i>Ophiopholis bakeri</i>	McClendon 1909
2214	Family Amphiuroidae	
2215	<i>Amphichondrius granulatus</i>	Nielsen 1932
2216	<i>Amphiodia digitata</i>	Nielsen 1932
2217	<i>Amphiodia occidentalis</i>	(Lyman 1860)
2218	<i>Amphiodia psara</i>	H. L. Clark 1935
2219	<i>Amphiodia urtica</i>	(Lyman 1860)
2220	<i>Amphioplus hexacanthus</i>	H. L. Clark 1911
2221	<i>Amphioplus strongyloplax</i>	(H. L. Clark 1911)
2222	<i>Amphioplus sp A</i>	MBC 1985 §
2223	<i>Amphipholis pugetana</i>	(Lyman 1860)
2224	<i>Amphipholis squamata</i>	(Delle Chiaje 1828)
2225	<i>Amphiura arcystata</i>	H. L. Clark 1911
2226	<i>Amphiura diomedea</i>	Lütken & Mortensen 1899
2227	<i>Dougaloplus amphacanthus</i>	(McClendon 1909)
2228	<i>Dougaloplus sp 1</i>	Pt. Loma 1992 §
2229	Family Ophiotricidae	
2230	<i>Ophiotrix spiculata</i>	Le Conte 1851
2231	Family Ophiocomidae	
2232	<i>Ophiopsila californica</i>	A. H. Clark 1921
2233	Family Ophionereidae	
2234	<i>Ophionereis annulata</i>	(Le Conte 1851)
2235	<i>Ophionereis eurybrachioplax</i>	H. L. Clark 1911
2236	Suborder Chilophiurina	

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

2237	Family Ophi dermatidae	
2238	<i>Ophiuroconis bispinosa</i>	Ziesenhene 1937
2239	Family Ophiuridae	
2240	<i>Ophiocten sp</i>	
2241	<i>Ophiomusium jolliensis</i>	McClendon 1909
2242	<i>Ophiura leptoctenia</i>	H. L. Clark 1901
2243	<i>Ophiura luetkeni</i>	(Lyman 1860)
2244	Subphylum Echinozoa	
2245	Class Echinoidea	
2246	Subclass Perischoechinoidea	
2247	Superorder Echinacea	
2248	Order Temnopleuroida	
2249	Family Toxopneustidae	
2250	<i>Lytechinus pictus</i>	(Verrill 1867)
2251	Order Echinoida	
2252	Family Strongylocentrotidae	
2253	<i>Alloccentrotus fragilis</i>	(Jackson 1912)
2254	<i>Strongylocentrotus franciscanus</i>	(A. Agassiz 1863)
2255	<i>Strongylocentrotus purpuratus</i>	(Stimpson 1857)
2256	Superorder Gnathostomata	
2257	Order Clypeasteroida	
2258	Suborder Scutellina	
2259	Family Dendrasteridae	
2260	<i>Dendraster excentricus</i>	(Eschscholtz 1831)
2261	Superorder Atelostomata	
2262	Order Spatangoida	
2263	Suborder Hemiasterina	
2264	Family Schizasteridae	
2265	<i>Brisaster latifrons</i>	(A. Agassiz 1898)
2266	Suborder Micrasterina	
2267	Family Brissidae	
2268	<i>Brissopsis pacifica</i>	(A. Agassiz 1898)
2269	Family Spatangidae	
2270	<i>Spatangus californicus</i>	H. L. Clark 1917
2271	Family Loveniidae	
2272	<i>Lovenia cordiformis</i>	A. Agassiz 1872
2273	Class Holothuroidea	
2274	Order Dendrochirotida	
2275	Family Psolidae	
2276	<i>Psolus chitonoides</i>	H. L. Clark 1901
2277	Family Sclerodactylidae	
2278	<i>Pachythyone rubra</i>	(H. L. Clark 1901)
2279	Family Phyllophoridae	
2280	<i>Havelockia benti</i>	(Deichmann 1937)
2281	<i>Havelockia benti var. zaca</i>	(Deichmann 1938)
2282	<i>Pentamera lissoplaca</i>	(H. L. Clark 1924)
2283	<i>Pentamera populifera</i>	(Stimpson 1864)
2284	<i>Pentamera pseudocalcigera</i>	Deichmann 1938
2285	<i>Pentamera pseudopopulifera</i>	Deichmann 1938
2286	<i>Pentamera sp A</i>	Bergen 1977 §
2287	Family Cucumariidae	
2288	<i>Cucumaria sp</i>	
2289	<i>Pseudocnus lubrica</i>	(H. L. Clark 1901)
2290	Subclass Aspidochotacea	
2291	Order Aspidochirotida	
2292	Family Stichopodidae	
2293	<i>Parastichopus californicus</i>	(Stimpson 1857)
2294	Order Elaspodida	

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

2295	Family Laetmogonidae	
2296	<i>Pannychia moseleyi</i>	Théel 1882
2297	Subclass Apodacea	
2298	Order Apodida	
2299	Family Synaptidae	
2300	<i>Leptosynapta sp A</i>	Benedict 1975 §
2301	<i>Leptosynapta sp B</i>	Benedict 1975 §
2302	Family Chiridotidae	
2303	<i>Chiridota sp</i>	
2304	Order Molpadida	
2305	Family Molpadiidae	
2306	<i>Molpadia intermedia</i>	(Ludwig 1894)
2307	Family Caudinidae	
2308	<i>Caudina arenicola</i>	(Stimpson 1857)
2309	<i>Paracaudina chilensis</i>	(J. Müller 1850)
2310	Family Eupyrigidae	
2311	unidentified	
2312	PHYLUM PHORONIDA	
2313	Order Phoronida	
2314	Family Phoronidae	
2315	<i>Phoronis sp</i>	
2316	<i>Phoronopsis sp</i>	
2317	PHYLUM BRACHIOPODA	
2318	Class Inarticulata	
2319	Order Lingulida	
2320	Superfamily Linguloidea	
2321	Family Lingulidae	
2322	<i>Glottidia albida</i>	Hinds 1844
2323	PHYLUM ECTOPROCTA	
2324	Class Stenolaemata	
2325	Order Cyclostomata	
2326	Suborder Tubuliporina	
2327	Family Diaperoeciidae	
2328	<i>Diaperoecia sp.</i>	
2329	Family Tubuliporidae	
2330	<i>Platonea sp</i>	
2331	<i>Tubulipora tuba</i>	(Gabb & Horn 1862)
2332	Suborder Articulata	
2333	Family Crisiidae	
2334	<i>Crisia occidentalis</i>	Trask 1857
2335	Class Gymnolaemata	
2336	Order Ctenostomata	
2337	Suborder Protoctenostomata	
2338	Superfamily Alcyonidoidea	
2339	Family Alcyonidiidae	
2340	<i>Alcyonidium sp A</i>	MEC 1991 §
2341	Family Clavoporidae	
2342	<i>Clavopora occidentalis</i>	(Fewkes 1889)
2343	Superfamily Valkerioidea	
2344	Family Triticellidae	
2345	<i>Triticella elongata</i>	(Osburn 1912)
2346	Superfamily Arachnidoidea	
2347	Family Arachnidiidae	
2348	<i>Anguinella palmata</i>	van Beneden 1845
2349	<i>Nolella sp</i>	
2350	Superfamily Vesicularoidea	
2351	Family Vesiculariidae	
2352	<i>Amathia distans</i>	Busk 1886
2353	<i>Bowerbankia gracilis</i>	Leidy 1855

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

2354	Order Cheilostomata	
2355	Suborder Anasca	
2356	Superfamily Malacostegoidea	
2357	Family Membraniporidae	
2358	<i>Conopeum commensale</i>	Kirkpatrick & Metzelaar 1922
2359	<i>Membranipora savarti</i>	(Audouin 1826)
2360	<i>Membranipora tenuis</i>	Desor 1848
2361	<i>Membranipora tuberculata</i>	(Bosc 1802)
2362	Family Hincksinidae	
2363	<i>Antropora tincta</i>	(Hastings 1930)
2364	Family Calloporidae	
2365	<i>Callopora circumclathrata</i>	(Hincks 1877)
2366	<i>Tegella aquilirostris</i>	(O'Donoghue 1923)
2367	Family Chapperiidae	
2368	<i>Chapperia californica</i>	Osburn 1950
2369	<i>Chapperia patula</i>	(Hincks 1881)
2370	Superfamily Coilostegoidea	
2371	Family Thalamoporellidae	
2372	<i>Thalamoporella californica</i>	(Levinsen 1909)
2373	Family Lunulariidae	
2374	<i>Discoporella umbellata</i>	(Defrance 1823)
2375	Superfamily Pseudostegoidea	
2376	Family Cellariidae	
2377	<i>Cellaria diffusa</i>	Robertson 1905
2378	Superfamily Cellularoidea	
2379	Family Scrupocellariidae	
2380	<i>Scrupocellaria diegensis</i>	Robertson 1905
2381	<i>Tricellaria occidentalis</i>	(Trask 1857)
2382	<i>Tricellaria praescuta</i>	Osburn 1950
2383	Family Epistomiidae	
2384	<i>Synnotum aegyptiacum</i>	(Audouin 1826)
2385	Family Bugulidae	
2386	<i>Bugula longirostata</i>	Robertson 1905
2387	<i>Bugula neritina</i>	(Linnaeus 1758)
2388	<i>Bugula pacifica</i>	Robertson 1905
2389	<i>Caulibugula californica</i>	(Robertson 1905)
2390	Suborder Ascophora	
2391	Family Hippothoidae	
2392	<i>Celleporella hyalina</i>	(Linnaeus 1767)
2393	Family Schizoporellidae	
2394	<i>Schizoporella cornuta</i>	(Gabb & Horn 1862)
2395	Family Microporellidae	
2396	<i>Microporella ciliata</i>	(Pallas 1766)
2397	<i>Microporella cribrosa</i>	Osburn 1952
2398	Family Smittinidae	
2399	<i>Parasmittina trispinosa</i>	(Johnston 1838)
2400	<i>Smittina sp</i>	
2401	Family Celleporidae	
2402	<i>Celleporaria brunnea</i>	(Hincks 1884)
2403	<i>Celleporina robertsoniae</i>	Canu & Bassler 1923
2404	PHYLUM CHORDATA	
2405	Subphylum Hemichordata	
2406	Class Enteropneusta	
2407	unidentified	
2408	Subphylum Urochordata	
2409	Class Ascidiacea	
2410	Order Phlebobranchiata	
2411	Family Corellidae	
2412	<i>Chelyosoma productum</i>	Stimpson 1864

SCAMIT Taxonomic Listing of Soft Bottom Macroinvertebrates

2413		Family Agnesiidae	
2414		<i>Agnesia septentrionalis</i>	Huntsman 1912
2415	Order Stolidobranchiata		
2416		Family Styelidae	
2417		<i>Styela coriacea</i>	(Alder & Hancock 1848)
2418		<i>Styela gibbsii</i>	(Stimpson 1864)
2419		Family Pyuridae	
2420		<i>Bathypora ovoida</i>	(Ritter 1907)
2421		<i>Halocynthia igaboja</i>	Oka 1906
2422		Family Molgulidae	
2423		<i>Eugyra arenosa californica</i>	Van Name 1945
2424		<i>Molgula regularis</i>	Ritter 1907
2425	Subphylum Cephalochordata		
2426		Family Branchiostomatidae	
2427		<i>Branchiostoma californiense</i>	J. G. Cooper 1893

INDEX



INDEX

A			
Abarenicola pacifica	1044	Alcyonidium sp A	2340
Abietinaria sp	63	Alderia modesta	559
Acanthaxius spinulicaudus	2085	Alia carinata	426
Acanthodoris brunnea	574	Alienacanthomysis macropsis	1591
Acanthodoris rhodoceras	575	Allia antennata	919
Acanthomysis californica	1590	Allia monicae	920
Acanthoptilum annulatum	81	Allia ramosa	921
Acarina-Order	1502	Allia sp A	922
Acidostoma hancocki	1848	Allocentrotus fragilis	2253
Acila castrensis	627	Alpheidae-Family	2040
Acmaea mitra	289	Alpheoidea-Superfamily	2039
Acmaeidae-Family	288	Alpheopsis equidactylus	2041
Acmira catherinae	912	Alpheus bellimanus	2042
Acmira cerrutii	913	Alpheus californiensis	2043
Acmira horikoshii	914	Alpheus clamator	2044
Acmira lopezi	915	Alvania acutelirata	317
Acmira simplex	916	Alvania rosana	318
Acmira sp C	917	Amaeana occidentalis	1381
Acoetes mortenseni	1135	Amage anops	1356
Acoetes pacifica	1136	Amakusanthura californiensis	1688
Acoetidae-Family	1134	Amathia distans	2352
Acotylea-Suborder	131	Amathimysis trigibba	1592
Acteocina culcitella	522	Amblyosyllis sp	1175
Acteocina harpa	523	Americardia biangulata	726
Acteocina inculca	524	Ammotheidae-Family	1474
Acteon traskii	516	Ammothella setosa	1475
Acteonidae-Family	515	Ampelisca agassizi	1911
Acteonoidea-Superfamily	514	Ampelisca brachycladus	1912
Actiniaria-Order	97	Ampelisca brevisimulata	1913
Acuminodeutopus heteruropus	1991	Ampelisca careyi	1914
Admete rhyssa	458	Ampelisca cristata	1915
Adontorhina cyclia	689	Ampelisca cristata microdentata	1916
Adontorhina sphaericosa	690	Ampelisca indentata	1918
Adula sp	644	Ampelisca lobata	1919
Aedicira pacifica	918	Ampelisca milleri	1920
Aegidae-Family	1699	Ampelisca pacifica	1921
Aeginellidae-Family	2015	Ampelisca pugetica	1922
Aegires albopunctatus	578	Ampelisca romigi	1923
Aeolidia papillosa	612	Ampelisca shoemakeri	1924
Aeolidiella sp	613	Ampelisca unsocalae	1925
Aeolidiidae-Family	611	Ampelisca "hancocki"	1917
Aeolidioidea-Superfamily	608	Ampeliscidae-Family	1910
Aeolidoida-Suborder	599	Ampelisciphotis podophthalma	1958
Aesophus eurytoideus	425	Ampeliscoidea-Superfamily	1909
Aglaja ocelligera	529	Ampharete acutifrons	1357
Aglaja sp A	530	Ampharete arctica	1358
Aglajidae-Family	528	Ampharete labrops	1359
Aglaothamus dicirris	1234	Ampharetidae-Family	1355
Aglaothamus erectans	1235	Amphichondrius granulatus	2215
Aglaothenia sp	56	Amphicteis glabra	1360
Agnesia septentrionalis	2414	Amphicteis mucronata	1361
Agnesiidae-Family	2413	Amphicteis scaphobranchiata	1362
Alaba sp	347	Amphideutopus oculatus	1959
Albuneidae-Family	2123	Amphiduros pacificus	1156
Alcyonaria-Subclass	68	Amphilochidae-Family	1792
Alcyonidiidae-Family	2339	Amphilochus litoralis	1793
Alcyonidioidea-Superfamily	2338	Amphilochus picadurus	1795
		Amphilochus "neapolitanus"	1794
		Amphinemertes caeca	239

INDEX

Amphinomidae-Family	1253	Anoropallene palpida	1482
Amphinomida-Order	1252	Anotomastus gordiodes	1030
Amphiodia digitata	2216	Antalis pretiosum	851
Amphiodia occidentalis	2217	Anthozoa-Class	67
Amphiodia psara	2218	Anthuridae-Family	1687
Amphiodia urtica	2219	Anthuridea-Suborder	1686
Amphioplus hexacanthus	2220	Antiplanes sp	468
Amphioplus sp A	2222	Antropora tincta	2363
Amphioplus stronglyoplax	2221	Aonides sp A	941
Amphipholis pugetana	2223	Aoridae-Family	1990
Amphipholis squamata	2224	Aoroides columbiae	1992
Amphipoda-Order	1754	Aoroides exilis	1993
Amphiporidae sp B	229	Aoroides inermis	1994
Amphiporidae-Family	228	Aoroides intermedia	1995
Amphiporus bimaculatus	230	Aoroides spinosa	1996
Amphiporus californicus	231	Aphelochaeta monilaris	1009
Amphiporus cruentatus	232	Aphelochaeta multifilis	1010
Amphiporus imparispinosus	233	Aphelochaeta sp B	1011
Amphiporus rubellus	234	Aphelochaeta sp C	1012
Amphiporus sp A	235	Aphrodita armifera	1108
Amphiporus sp B	236	Aphrodita brevitentaculata	1109
Amphissa bicolor	427	Aphrodita castanea	1110
Amphissa undata	428	Aphrodita japonica	1111
Amphissa versicolor	429	Aphrodita refulgida	1112
Amphitrite robusta	1382	Aphrodita sp A	1113
Amphiura arcystata	2225	Aphroditidae-Family	1107
Amphiura diomedea	2226	Aphroditiformia-Suborder	1105
Amphiuridae-Family	2214	Aphroditoidea-Superfamily	1106
Amphoriscidae-Family	5	Apionsoma misakiana	885
Ampithoe plumulosa	1948	Apistobranchidae-Family	938
Ampithoe raymondi	1949	Apistobranchus ornatus	939
Ampithoe valida	1950	Aplacophora-Class	260
Ampithoidae-Family	1947	Apodacea-Subclass	2297
Amygdalum pallidulum	645	Apodida-Order	2298
Anarthruridae-Family	1670	Apomatus timsii	1441
Anasca-Suborder	2355	Apoprionospio pygmaea	942
Anchicolurus occidentalis	1645	Arabella endonata	1307
Ancistargis hamata	1166	Arabella iricolor	1308
Ancistrosyllis breviceps	1167	Arabellidae-Family	1306
Ancistrosyllis groenlandica	1168	Arachnanthus sp A	92
Ancula lentiginosa	570	Arachnida-Class	1499
Ancula pacifica	571	Arachnidiidae-Family	2347
Anemonactis sp	107	Arachnidoidea-Superfamily	2346
Anemone #76	124	Araphura sp A	1663
Anguinella palmata	2348	Araphura sp B	1664
Annelida-Phylum	899	Araphura sp C	1665
Anobothrus gracilis	1363	Archaeobalanidae-Family	1563
Anomalodesmata-Subclass	815	Archaeogastropoda-Order	281
Anomiidae-Family	676	Archinemertea-Order	180
Anomioidea-Superfamily	675	Arctobia cf anticostiensis	1115
Anomura-Infraorder	2094	Arctonoe pulchra	1116
Anonyx lilljeborgi	1849	Arcturidae-Family	1718
Anopla genus A sp A	217	Arenicolidae-Family	1043
Anopla-Class	179	Argissa hamatipes	1885
Anoplodactylida-Suborder	1488	Argissidae-Family	1884
Anoplodactylus californicus	1490	Argopecten ventricosus	666
Anoplodactylus erectus	1491	Arhynchite californicus	897
Anoplodactylus nodosus	1492	Aricidea sp B	924
Anoplodactylus oculospinus	1493	Aricidea wassi	923
Anoplodactylus pacificus	1494	Aristias sp A	1850

INDEX

Armandia brevis	1069
Armina californica	596
Arminidae-Family	595
Arminoidea-Suborder	581
Artacama coniferi	1383
Artacamella hancocki	1408
Arthropoda-Phylum	1468
Articulata-Suborder	2332
Aruga holmesi	1851
Aruga oculata	1852
Asabellides lineata	1364
Asciacea-Class	2409
Asclerocheilus californicus	1077
Ascophora-Suborder	2390
Aseffota-Suborder	1734
Asperiscala bellastriata	354
Asperiscala lowei	355
Aspidochirotida-Order	2291
Aspidochotacea-Subclass	2290
Aspidosiphonidae-Family	880
Asteriadina-Suborder	2201
Asteriidae-Family	2202
Asterina miniata	2199
Asterinidae-Family	2198
Asteroidea-Class	2183
Asteropella slatteryi	1521
Asterozoa-Subphylum	2182
Asthenothaerus diegensis	827
Astropecten armatus	2191
Astropecten verrilli	2192
Astropectinidae-Family	2190
Atelostomata-Superorder	2261
Athecatae-Order	14
Atyidae-Family	545
Atylus tridens	1907
Atyoidea-Superfamily	2036
Austrotrochon cerrosensis catalinensis	418
Autolytus sp	1174
Automate sp A	2045
Axiidae-Family	2084
Axinella sp	11
Axinellidae-Family	10
Axinellida-Order	9
Axinopsida serricata	691

B

Babelomurex oldroydi	423
Balanidae-Family	1565
Balanoidea-Superfamily	1562
Balanomorpha-Suborder	1561
Balanus crenatus	1566
Balanus pacificus	1567
Balanus trigonus	1568
Barentsia benedeni	257
Barentsia gracilis	258
Barentsiidae-Family	256
Barleeia californica	320
Barleeidae-Family	319

Baseodiscus sp	213
Batea transversa	1767
Bateidae-Family	1766
Bathyrilus litoreus	1461
Bathyrilus parkeri	1462
Bathyleberis californica	1522
Bathyleberis garthi	1523
Bathyleberis hancocki	1524
Bathymedon kassites	1770
Bathymedon pumilus	1771
Bathymedon roquedo	1772
Bathymedon vulpeculus	1773
Bathypera ovoida	2420
Belonectes sp A	1747
Bemlos audbettius	1997
Bemlos concavus	1998
Bernardinidae-Family	747
Betaeus ensenadensis	2046
Betaeus harfordi	2047
Betaeus harrimani	2048
Betaeus longidactylus	2049
Bimeria sp	27
Bispira sp	1416
Bittium larum	341
Bittium quadrifilatum	342
Bittium rugatum	343
Bivalvia-Class	615
Blepharipoda occidentalis	2124
Boccardia basilaria	943
Boccardia pugettensis	944
Boccardiella sp	945
Bodotriidae-Family	1611
Bonelliidae-Family	893
Bonelloinea-Order	892
Bopyridae-Family	1732
Bopyroidea-Superfamily	1731
Bougainvilliidae-Family	26
Bowerbankia gracilis	2353
Brachiopoda-Phylum	2317
Brachyura-Infraorder	2126
Brada pluribranchiata	1337
Brada villosa	1338
Branchiostoma californiense	2427
Branchiostomatidae-Family	2426
Brania sp	1176
Brisaster latifrons	2265
Brisidae-Family	2267
Brissopsis pacifica	2268
Bruzelia tuberculata	1877
Buccinidae-Family	434
Buccinoidea-Superfamily	433
Bugula longirostata	2386
Bugula neritina	2387
Bugula pacifica	2388
Bugulidae-Family	2385
Bulla gouldiana	544
Bullidae-Family	543
Bulloidea-Superfamily	542
Bursidae-Family	413
Byblis veleronis	1926

INDEX

C

Cactosoma arenaria	109	Caprella mendax	2023
Caecianiropsis sp	1737	Caprella natalensis	2024
Caecidae-Family	324	Caprella penantis	2025
Caecum californicum	325	Caprella sp E	2027
Caecum crebricinctum	326	Caprella verrucosa	2026
Caecum dalli	327	Caprellidae-Family	2019
Calappidae-Family	2129	Caprellidea-Suborder	2010
Calcareo-Class	2	Caprelloidea-Superfamily	2014
Calcaronea-Subclass	3	Carazziella sp	946
Califanthura squamosissima	1692	Cardiidae-Family	725
Calinaticina oldroydii	397	Cardioidea-Superfamily	724
Callianassidae-Family	2088	Cardiomya californica	836
Calliostoma annulatum	297	Cardiomya costata	837
Calliostoma tricolor	298	Cardiomya pectinata	838
Calliostoma turbinum	299	Cardiomya planetica	839
Callipallene pacifica	1483	Carditidae-Family	694
Callipallenidae-Family	1481	Carditoidea-Superfamily	693
Calloplanidae-Family	133	Caridea-Suborder	2035
Callopora circumclathrata	2365	Carinoma mutabilis	185
Calloporidae-Family	2364	Carinomella lactea	187
Calycella syringa	50	Carinomidae-Family	184
Calyptraea contorta	383	Caudina arenicola	2308
Calyptraea fastigiata	384	Caudinidae-Family	2307
Calyptraeidae-Family	382	Caulibugula californica	2389
Calyptraeidea-Superfamily	381	Cauleriella alata	1013
Campanularia volubilis	41	Cauleriella gracilis	1015
Campanulariidae-Family	40	Cauleriella hamata	1014
Campanulina sp	54	Cecina sp	323
Campylaspis canaliculata	1625	Cellaria diffusa	2377
Campylaspis cf crispera	1626	Cellariidae-Family	2376
Campylaspis hartae	1627	Celleporaria brunnea	2402
Campylaspis rubromaculata	1628	Celleporella hyalina	2392
Campylaspis rufa	1629	Celleporidae-Family	2401
Campylaspis sp A	1630	Celleporina robertsoniae	2403
Campylaspis sp B	1631	Cellularoidea-Superfamily	2378
Campylaspis sp C	1632	Cephalaspidea sp A	556
Campylaspis sp D	1633	Cephalaspidea-Order	513
Campylaspis sp E	1634	Cephalochordata-Subphylum	2425
Campylaspis sp P	1635	Cephalophoxoides homilis	1816
Cancellaria cooperi	459	Cephalopoda-Class	867
Cancellaria crawfordiana	460	Cephalothricidae-Family	181
Cancellariidae-Family	457	Ceradocus spinicaudus	1937
Cancellaroidea-Superfamily	456	Cerapus "tubularis"	1981
Cancer amphioetus	2147	Ceratonereis mirabilis	1209
Cancer antennarius	2148	Cerberilla mosslandica	614
Cancer anthonyi	2149	Cerebratulus albifrons	198
Cancer branneri	2150	Cerebratulus californiensis	199
Cancer gracilis	2151	Cerebratulus lineolatus	200
Cancer jordani	2152	Cerebratulus marginatus	201
Cancer productus	2153	Cerebratulus montgomeryi	202
Cancridae-Family	2146	Ceriantharia sp C	95
Capitata-Suborder	15	Ceriantharia sp D	96
Capitella "capitata"	1031	Ceriantharia-Order	89
Capitellidae-Family	1029	Cerianthidae-Family	91
Capitellida-Order	1028	Cerithiidae-Family	340
Caprella californica	2020	Cerithioidea-Superfamily	339
Caprella equilibra	2021	Cerithiopsidae-Family	349
Caprella gracilior	2022	Cerithiopsis sp	350
		Cerithiopsidae-Superfamily	348
		Chaetoderma sp	269

INDEX

Chaetodermatidae-Family	268	Clymenella sp A	1048
Chaetodermatida-Order	267	Clymenopsis californiensis	1049
Chaetodermatimorpha-Superorder	266	Clymenura gracilis	1050
Chaetodermomorpha-Subclass	261	Clypeasteroidea-Order	2257
Chaetopteridae-Family	1001	Clytia universitatis	42
Chaetopteriformia-Suborder	1000	Cnidaria-Phylum	12
Chaetopterus variopedatus	1002	Coboldus hedgpethi	1890
Chaetozone armata	1016	Coilostegoidea-Superfamily	2370
Chaetozone corona	1017	Coleoidea-Subclass	868
Chaetozone gracilis	1018	Coloniales-Order	254
Chaetozone "setosa"	1019	Columbaora cyclocoxa	1999
Chama arcana	699	Columbellidae-Family	424
Chamidae-Family	698	Compsomyax subdiaphana	735
Chamoidea-Superfamily	697	Conidae-Family	462
Chapperia californica	2368	Conoidea-Superfamily	461
Chapperia patula	2369	Conopea galeata	1564
Chapperiidae-Family	2367	Conopeum commensale	2358
Cheilostomata-Order	2354	Conus californicus	463
Cheliceriformia-Subphylum	1469	Cooperella subdiaphana	750
Chelyosoma productum	2412	Cooperellidae-Family	749
Chevalia inaequalis	1960	Copepoda-Class	1543
Chilophiurina-Suborder	2236	Corallanidae-Family	1705
Chione californiensis	733	Corallimorpharia-Order	125
Chione undatella	734	Corallimorphidae-Family	126
Chiridota sp	2303	Coralliophilidae-Family	422
Chiridotidae-Family	2302	Corambe thompsoni	568
Chirimia biceps lacera	1046	Corambidae-Family	567
Chitinopoma groenlandica	1442	Corbula luteola	803
Chlamys hastata	667	Corbula porcella	804
Chloecia pinnata	1254	Corbulidae-Family	802
Chone albocincta	1417	Corellidae-Family	2411
Chone minuta	1418	Corophiidae-Family	2003
Chone mollis	1419	Corophioidea-Superfamily	1946
Chone sp B	1421	Corophium acherusicum	2004
Chone sp C	1422	Corophium baconi	2005
Chone veleronis	1420	Corophium insidiosum	2006
Chordata-Phylum	2404	Corymorpha palma	18
Chrysopetalidae-Family	1149	Corymorphidae-Family	17
Chrysopetaloidea-Superfamily	1148	Corynactis californica	127
Circulus sp	330	Cossura candida	933
Cirolana diminuta	1703	Cossura pygodactylata	934
Cirolanidae-Family	1702	Cossura sp A	935
Cirolanoidea-Superfamily	1698	Cossuridae-Family	932
Cirratulidae-Family	1008	Cossurida-Order	931
Cirratuliformia-Suborder	1007	Cotylea-Suborder	160
Cirratulus cirratus	1020	Crangon alaskensis	2065
Cirriformia luxuriosa	1021	Crangon alba	2066
Cirriformia spirabrancha	1022	Crangon handi	2067
Cirriformia tentaculata	1023	Crangon holmesi	2068
Cirripedia-Class	1555	Crangon nigromaculata	2069
Cirrophorus branchiatus	925	Crangonidae-Family	2064
Cirrophorus furcatus	926	Crangonoidea-Superfamily	2063
Cladocarpus sp A	57	Crassedoma gigantea	668
Clausidiidae-Family	1547	Crassispira semiinflata	469
Clausidium vancouverense	1548	Crenella decussata	646
Clavodorum clavatum	1246	Crepidula aculeata	385
Clavopora occidentalis	2342	Crepidula adunca	386
Clavoporidae-Family	2341	Crepidula dorsata	387
Clinocardium nuttallii	727	Crepidula naticarum	388
Clymenella complanata	1047	Crepidula norrisiarum	389

INDEX

<i>Crepidula nummaria</i>	390	<i>Decamastus gracilis</i>	1033
<i>Crepidula onyx</i>	391	Decapoda-Order	2030
<i>Crepidula perforans</i>	392	<i>Deiloceris planus</i>	2128
<i>Crepipatella charybdis</i>	393	<i>Delectopecten vancouverensis</i>	669
<i>Crisia occidentalis</i>	2334	<i>Delonovolva aequalis vidleri</i>	409
Crisiidae-Family	2333	<i>Demonax</i> sp 1	1423
<i>Crossata californica</i>	414	Demospongiae-Class	7
<i>Crucibulum spinosum</i>	394	<i>Dendraster excentricus</i>	2260
Crustacea-Subphylum	1505	Dendrasteridae-Family	2259
Cryptocelidae-Family	151	Dendrochirotida-Order	2274
<i>Cryptocelis occidentalis</i>	152	Dendronotidae-Family	587
<i>Cryptomya californica</i>	798	Dendronotoidea-Superfamily	582
Ctenostomata-Order	2336	<i>Dendronotus frondosus</i>	588
<i>Cubanomysis mysteriosa</i>	1593	<i>Dendronotus iris</i>	589
<i>Cucumaria</i> sp	2288	<i>Dendronotus subramosus</i>	590
Cucumariidae-Family	2287	Dentaliidae-Family	850
Cumacea-Order	1610	Dentaliida-Order	849
Cumanotidae-Family	604	<i>Dentalium neohexagonum</i>	852
<i>Cumanotus fernaldi</i>	605	<i>Dentalium vallicolens</i>	853
<i>Cumella</i> sp A	1636	<i>Deutella californica</i>	2016
<i>Cumella</i> sp B	1637	Dexaminidae-Family	1906
<i>Cumingia californica</i>	772	Dexaminoidea-Superfamily	1905
<i>Cuspidaria parapodema</i>	840	<i>Diadumene</i> sp	122
Cuspidariidae-Family	835	Diadumenidae-Family	121
Cuspidarioidea-Superfamily	834	<i>Diaperoecia</i> sp.	2328
<i>Cuthona divae</i>	607	Diaperoeciidae-Family	2327
<i>Cyathodonta pedroana</i>	828	<i>Diaphana californica</i>	541
<i>Cyathura munda</i>	1689	Diaphanidae-Family	540
<i>Cyclaspis nubila</i>	1612	Diaphanoidea-Superfamily	539
<i>Cyclaspis</i> sp A	1613	Diastylidae-Family	1644
<i>Cyclaspis</i> sp B	1614	<i>Diastylis californica</i>	1646
<i>Cyclaspis</i> sp C	1615	<i>Diastylis paraspinulosa</i>	1647
<i>Cyclocardia barbarensis</i>	695	<i>Diastylis pellucida</i>	1648
<i>Cyclocardia ventricosa</i>	696	<i>Diastylis</i> sp A	1649
<i>Cyclopecten benthalis</i>	673	<i>Diastylis</i> sp D	1650
<i>Cyclopecten catalinensis</i>	674	<i>Diastylopsis tenuis</i>	1651
Cyclostomata-Order	2325	<i>Dichonemertes hartmanae</i>	222
<i>Cyclostremella californica</i>	511	Diogenidae-Family	2095
<i>Cyclostremella coronadoensis</i>	512	<i>Diopatra ornata</i>	1261
Cyclostremellidae-Family	510	<i>Diopatra splendidissima</i>	1262
<i>Cylichna diegensis</i>	527	<i>Diopatra tridentata</i>	1263
Cylichnidae-Family	526	<i>Diplocheilus allmani</i>	58
Cylindroleberididae-Family	1520	<i>Diplodonta sericata</i>	687
<i>Cymadusa uncinata</i>	1951	<i>Dirona picta</i>	598
Cymatioidea-Superfamily	412	Dironidae-Family	597
Cymothoidae-Family	1707	<i>Discerceis granulosa</i>	1713
<i>Cynoglossa</i> -Suborder	364	<i>Discoporella umbellata</i>	2374
Cypraeoidea-Superfamily	405	<i>Dispia uncinata</i>	947
<i>Cyprideis stewarti</i>	1540	<i>Dissiminassa dissimilis</i>	1853
Cyprididae-Family	1539	<i>Dodecaceria concharum</i>	1024
Cypridinidae-Family	1511	<i>Dodecaseta oraria</i>	1034
Cypridinoidea-Superfamily	1510	Doridoidea-Suborder	565
Cypridoidea-Superfamily	1538	Dorippidae-Family	2127
		<i>Dorvillea</i> sp	1316
D		Dorvilleidae-Family	1315
<i>Dactylopleustes</i> sp A	1783	<i>Doto amyra</i>	592
<i>Dasybranchus glabrus</i>	1032	<i>Doto columbiana</i>	593
<i>Decabrachia</i> -Superorder	869	<i>Doto kya</i>	594
		Dotoidae-Family	591
		<i>Dougaloplus amphacanthus</i>	2227

INDEX

Dougaloplus sp 1	2228
Drilonereis falcata	1309
Drilonereis filum	1310
Drilonereis longa	1311
Drilonereis mexicana	1312
Drilonereis nuda	1313
Dulichchiella appendiculata	1938
Dynamena sp	64

E

Echinacea-Superorder	2247
Echinodermata-Phylum	2181
Echinoidea-Order	2251
Echinoidea-Class	2245
Echinozoa-Subphylum	2244
Echiura-Phylum	890
Echiurida-Class	891
Echiuroinea-Order	895
Eclysippe trilobata	1365
Ectoprocta-Phylum	2323
Edotia sp A	1723
Edotia sp B	1724
Edotia sublittoralis	1722
Edwardsia sipunculoides	100
Edwardsia sp A	101
Edwardsia sp G	102
Edwardsiidae-Family	99
Elaeocyma empyrosia	470
Elasipodida-Order	2294
Elasmopus bampo	1939
Elasmopus mutatus	1940
Emerita analoga	2122
Emplectonema sp	223
Emplectonematidae-Family	221
Emprosthopharynx gracilis	156
Enallopaguroopsis guatemoci	2102
Ennucula tenuis	628
Enopla-Class	218
Ensis myrae	785
Enteropneusta-Class	2406
Entodesma pictum	823
Entoprocta-Phylum	250
Eobrolgus spinosus	1817
Eohaustorius washingtonianus	1929
Ephesiella brevicapitis	1247
Epicaridea-Suborder	1730
Epilucina californica	682
Epistomiidae-Family	2383
Epitoniidae-Family	353
Epitonioidae-Superfamily	352
Erichthonius brasiliensis	1982
Erichthonius rubricornis	1983
Erileptus spinosus	2135
Errano lagunae	1287
Eteone fauchaldi	1082
Eteone leptotes	1083
Eteone pigmentata	1084
Eualus lineatus	2052

Eucarida-Superorder	2029
Euchone arenae	1424
Euchone hancocki	1425
Euchone incolor	1426
Euchone limnicola	1427
Euchone sp A	1429
Euchone velifera	1428
Euclymene campanula	1051
Euclymene delineata	1052
Euclymene grossa newporti	1053
Euclymeninae sp A	1054
Eudendriidae-Family	32
Eudendrium sp	33
Eudorella pacifica	1620
Eudorellopsis longirostris	1621
Eugyra arenosa californica	2423
Eulalia bilineata	1085
Eulalia californiensis	1086
Eulalia levicornuta	1087
Eulalia quadrioculata	1088
Eulalia sp 4	1089
Eulima almo	367
Eulima californicus	368
Eulimidae-Family	366
Eulimoidea-Superfamily	365
Eumalacostraca-Subclass	1585
Eumida sp 1	1090
Eumida sp 2	1091
Eunice americana	1282
Eunicidae-Family	1281
Eunicida-Order	1258
Eunicoidea-Superfamily	1259
Eunoe cf depressa	1117
Eupantopodida-Suborder	1472
Euphilomedes carcharodonta	1514
Euphilomedes longiseta	1515
Euphilomedes producta	1516
Euphrosine arctia	1257
Euphrosinidae-Family	1256
Euphysa sp A	19
Eupolymnia heterobranchia	1384
Eupyrgidae-Family	2310
Eurycyde spinosa	1476
Eurydice caudata	1704
Eurylepta sp	165
Euryleptidae-Family	164
Eusarsiella sp A	1530
Eusarsiella thominx	1529
Eusiridae-Family	1757
Eusiroides monoculoides	1758
Eusirus longipes	1759
Eusyllis habei	1177
Eusyllis transecta	1178
Euvola diegensis	670
Exacanthomysis davisii	1594
Excorallana truncata	1706
Exogone cf verugera	1179
Exogone lourei	1180
Exogone molesta	1181
Exogone sp A	1183

INDEX

Exogone sp B	1184
Exogone sp C	1185
Exogone uniformis	1182
Exogonella brunnea	1186
Exosphaeroma rhomburum	1714
Eyakia robusta	1818

F

Fabia concharum	2165
Fabia subquadrata	2166
Fabrisabella sp A	1430
Facelinidae-Family	609
Falcidens sp B	270
Fartulum occidentale	328
Fasciolariidae-Family	442
Fauveliopsidae-Family	1346
Fauveliopsida-Order	1345
Fauveliopsis armata	1347
Fauveliopsis glabra	1348
Filifera-Suborder	25
Filiformia-Suborder	34
Finella sp	344
Fissurellidae-Family	284
Fissurelloidea-Superfamily	283
Flabellifera-Suborder	1694
Flabelligera infundibularis	1339
Flabelligeridae-Family	1336
Flabelligerida-Order	1335
Flabellina pricei	602
Flabellina trilineata	603
Flabellinidae-Family	601
Forcipulatida-Order	2200
Fossaridae-Family	379
Foxiphalus cognatus	1819
Foxiphalus golfensis	1820
Foxiphalus major	1821
Foxiphalus obtusidens	1822
Foxiphalus similis	1823
Fusinus kobelti	443
Fusinus luteopictus	444

G

Gadilidae-Family	865
Gadilida-Order	858
Galatheidae-Family	2116
Galeommatidae genus A sp A	703
Galeommatidae-Family	702
Galeommatoidea-Superfamily	701
Gammaridea-Suborder	1755
Gammaropsis barnardi	1961
Gammaropsis martesia	1962
Gammaropsis ociosa	1963
Gammaropsis thompsoni	1964
Gari californica	768
Gari fucata	769

Garosyrrhoe bigarra	1878
Garosyrrhoe sp A	1879
Garveia formosa	28
Gastropoda-Class	280
Gastropteridae-Family	537
Gastropteron pacificum	538
Gibberosus myersi	1934
Gitana calitemplado	1796
Globivenus fordii	736
Glottidia albida	2322
Glycera americana	1217
Glycera convoluta	1218
Glycera nana	1219
Glycera oxycephala	1220
Glycera robusta	1221
Glycera sp A	1224
Glycera tenuis	1222
Glycera tesselata	1223
Glyceridae-Family	1216
Glyceriformia-Suborder	1215
Glycinde armigera	1227
Glyphocuma sp A	1616
Gnathia crenulatifrons	1682
Gnathia sanctaecrucis	1683
Gnathia tridens	1684
Gnathia trilobata	1685
Gnathiidae-Family	1681
Gnathiidea-Suborder	1680
Gnathophiurina-Suborder	2210
Gnathostomata-Superorder	2256
Golfingia margaritacea	886
Golfingiidae-Family	884
Goniada annulata	1228
Goniada brunnea	1229
Goniada littorea	1230
Goniada maculata	1231
Goniadidae-Family	1226
Goniasteridae-Family	2196
Goniodoridae-Family	569
Gonodactyloidea-Superfamily	1577
Gorgonacea-Order	69
Gorgoniidae-Family	71
Grandierella japonica	2000
Granulina margaritula	452
Granulosina-Suborder	2195
Grapsidae-Family	2160
Graptacme semipolita	854
Gregariella chenui	647
Guernsea reduncans	1908
Gymnolaemata-Class	2335
Gymnonereis crosslandi	1210
Gyptis brunnea	1157

H

Haigia diegensis	2103
Halcompa decemtentaculata	110
Halcampidae-Family	108
Halcampoididae-Family	104

INDEX

Halianthella sp A	111	Hiatella arctica	807
Halicoides synopiae	1893	Hiatellidae-Family	806
Haliophasma geminatum	1690	Hiatelloidea-Superfamily	805
Halistylus pupoides	300	Hincksinidae-Family	2362
Haloclavidae-Family	106	Hippidae-Family	2121
Halocynthia igaboja	2421	Hippolyte californiensis	2056
Halodakra salmonea	748	Hippolyte clarki	2057
Halosydna brevisetosa	1118	Hippolytidae-Family	2051
Halosydna johnsoni	1119	Hippomedon columbianus	1854
Halosydna lator	1120	Hippomedon sp A	1858
Hamatoscalpellum californicum	1560	Hippomedon subrobustus	1855
Haminaea vesicula	546	Hippomedon tenax	1856
Haminaea virescens	547	Hippomedon zetesimus	1857
Haplosyllis spongicola	1187	Hipponicidae-Family	377
Harbansus bradmyersi	1517	Hipponicoidea-Superfamily	376
Harmothoe fragilis	1121	Hipponix antiquatus	378
Harmothoe hirsuta	1122	Hippochoidae-Family	2391
Harmothoe nigralba	1123	Hirudinea-Class	1457
Harmothoe scriptoria	1124	Holaxonia-Suborder	70
Harmothoe sp A	1125	Holmesimysis costata	1596
Harmothoe sp B	1126	Hololepida magna	1128
Harpacticoida-Order	1544	Holothuroidea-Class	2273
Harpiniopsis epistomata	1824	Hoplocarida-Subclass	1575
Harpiniopsis fulgens	1825	Hoplonemertea sp A	247
Harpiniopsis galera	1826	Hoplonemertea sp B	248
Haustoriidae-Family	1928	Hoplonemertea-Order	219
Havelockia benti	2280	Hoploplana sp A	146
Havelockia benti var. zacae	2281	Hornellia occidentalis	1941
Hebellidae-Family	47	Huxleyia munita	623
Hebellopsis expansa	48	Hyale sp	1809
Hemiasterina-Suborder	2263	Hyalidae-Family	1808
Hemichordata-Subphylum	2405	Hyalinoecia juvenalis	1264
Hemicyclops thysanotus	1549	Hyalopomatus biformis	1443
Hemigrapsus nudus	2161	Hydractinia sp	36
Hemigrapsus oregonensis	2162	Hydractiniidae-Family	35
Hemilamprops californica	1640	Hydroides gracilis	1444
Hemipodus borealis	1225	Hydroides pacificus	1445
Hemiproto sp A	2013	Hydrozoa-Class	13
Hemisquilla ensigera californiensis	1579		
Hemisquillidae-Family	1578	I	
Heptacarpus palpator	2053	Idarcturus allelomorphus	1719
Heptacarpus pictus	2054	Idotea montereyensis	1725
Heptacarpus stimpsoni	2055	Idotea resicata	1726
Hermaeidae-Family	558	Idoteidae-Family	1721
Hermisenda crassicornis	610	Ilyarachna acarina	1748
Hesionella mcullochae	1158	Inarticulata-Class	2318
Hesionidae-Family	1155	Incirrata-Suborder	875
Hesionura coineaui difficilis	1092	Inusitatomysis californica	1597
Hesperonoe laevis	1127	Iothia lindbergi	293
Heterocrypta occidentalis	2145	Iphimediidae-Family	1889
Heterodonta-Subclass	678	Irusella lamellifera	737
Heterogorgia tortuosa	72	Isacidae-Family	1957
Heteromastus filiformis	1035	Isanthidae sp A	113
Heteromastus filobrancheus	1036	Isanthidae-Family	112
Heteromysis odontops	1595	Ischnochiton sp	277
Heteronemertea-Order	196	Ischnochitonidae-Family	276
Heterophoxus oculatus	1827	Ischyroceridae-Family	1980
Heteropodarke heteromorpha	1159	Ischyrocerus anguipes	1984
Heterospio catalinensis	999		
Heterospionidae-Family	998		

INDEX

Ischyrocerus litotes	1985
Ischyrocerus pelagops	1986
Ischyrocerus sp B	1987
Ischyrocerus sp C	1988
Iselica ovoidea	486
Isocheles pilosus	2096
Isocirrus longiceps	1055
Isopoda-Order	1679
Iuventivellendoidea-Superfamily	1473

J

Janiralata occidentalis	1738
Janiralata solasteri	1739
Janiridae-Family	1736
Janiroidea-Superfamily	1735
Jasmineira sp B	1431
Jassa slatteryi	1989
Joeropsididae-Family	1740
Joeropsis concava	1741
Joeropsis dubia	1742

K

Kaburakia excelsa	134
Kelletia kelletti	435
Kellia suborbicularis	705
Kelliidae-Family	704
Kurtzia arteaga	471
Kurtziella beta	472
Kurtziella plumbea	473
Kylix halocydne	474

L

Lacuna unifasciata	314
Lacunidae-Family	313
Laemophiurina-Suborder	2207
Laetmogonidae-Family	2295
Laevicardium substriatum	728
Laevidentaliidae-Family	855
Lagisca extenuata	1129
Lamellaria diegoensis	404
Lamellariidae-Family	403
Lamellarioidea-Superfamily	402
Lampropidae-Family	1639
Lamprops carinata	1641
Lamprops quadriplicata	1642
Lanassa gracilis	1385
Lanassa sp D	1387
Lanassa venusta venusta	1386
Laonice conchilega	1388
Laomediidae-Family	2086
Laonice appelloefi	948
Laonice cirrata	949
Laphania sp	1389

Lasaea adansoni	709
Lasaeidae-Family	708
Latocestidae-Family	135
Leitoscoloplos panamensis	903
Leitoscoloplos pugettensis	904
Lepadomorpha-Suborder	1557
Lepetidae-Family	292
Lepidasthenia berkeleyae	1131
Lepidasthenia longicirrata	1130
Lepidepecreum garthi	1859
Lepidepecreum gurjanovae	1860
Lepidepecreum sp A	1861
Lepidochitonina-Suborder	273
Lepidopa californica	2125
Lepidopleuridae-Family	274
Lepidozona retiporosa	278
Lepidozona sinudentata	279
Leporimetis obesa	756
Leptochelia dubia	1660
Leptochiton rugatus	275
Leptocuma forsmanni	1617
Leptognathia sp E	1666
Leptognathiidae-Family	1662
Leptomedusae-Order	39
Leptopecten latiauratus	671
Leptoplanidae sp A	147
Leptoplanidae-Family	145
Leptoplanoidea-Superfamily	144
Leptotraca-Order	1572
Leptostylis sp A	1653
Leptostylis sp E	1654
Leptostylis villosa	1652
Leptosynapta sp A	2300
Leptosynapta sp B	2301
Leucilla nuttingi	6
Leucon sp A	1623
Leucon subnasica	1622
Leuconidae-Family	1619
Leucosiidae-Family	2131
Leucothoe spinicarpa	1798
Leucothoidae-Family	1797
Leucothoidea-Superfamily	1781
Leuroleberis sharpei	1525
Levinsenia gracilis	927
Levinsenia multibranchiata	928
Levinsenia oculata	929
Liljeborgiidae-Family	1898
Liljeborgioidea-Superfamily	1897
Limaria hemphilli	660
Limatula subauriculata	661
Limidae-Family	659
Limifossor fratula	265
Limifossoridae-Family	264
Limifossorida-Order	263
Limifossorimorpha-Superorder	262
Limnactiniidae sp A	116
Limnactiniidae-Family	115
Limnodriloides barnardi	1463
Limnodriloides monotheucus	1464
Limnoria sp	1711

INDEX

Limnoriidae-Family	1710	Lumbrineris latreilli	1297
Limoida-Order	657	Lumbrineris limicola	1298
Limoidea-Superfamily	658	Lumbrineris minima	1299
Lineidae sp A	203	Lumbrineris pallida	1300
Lineidae-Family	197	Lumbrineris sp B	1303
Lineus bilineatus	204	Lumbrineris zonata	1302
Lineus flavescens	205	Lumbrineris "tetraura"	1301
Lineus ruber	206	Lunulariidae-Family	2373
Lineus rubescens	207	Lyonsia californica	824
Lineus sp A	208	Lyonsiidae-Family	822
Lingulidae-Family	2321	Lysianassidae-Family	1847
Lingulida-Order	2319	Lysianassoidea-Superfamily	1846
Linguloidea-Superfamily	2320	Lysippe sp A	1366
Lirobarleecia kelseyi	321	Lysippe sp B	1367
Lirobittium subplanatum	345	Lytechinus pictus	2250
Lirularia acuticostata	301		
Lirularia parcipicta	302		
Listriella albina	1899	M	
Listriella diffusa	1900	Macoma carlottensis	757
Listriella eriopisa	1901	Macoma indentata	758
Listriella goleta	1902	Macoma nasuta	759
Listriella melanica	1903	Macoma yoldiformis	760
Listriella sp A	1904	Macrocyprididae-Family	1541
Listriobolus pelodes	898	Macrocyprina pacifica	1542
Lithophaga plumula	648	Macromphalina californica	380
Litiopidae-Family	346	Mactra californica	789
Littorinina-Suborder	311	Mactra dolabriformis	790
Littorinoidea-Superfamily	312	Mactridae-Family	788
Livoneca vulgaris	1708	Mactroidea-Superfamily	787
Loimia medusa	1390	Maera simile	1942
Lophopanopeus bellus	2157	Maera vigota	1943
Lophopanopeus frontalis	2158	Magelona berkeleyi	986
Lophopanopeus leucomanus	2159	Magelona hartmanae	987
Lottia strigatella	291	Magelona longicornis	988
Lottiidae-Family	290	Magelona pitelkai	989
Lovenella nodosa	51	Magelona riojai	990
Lovenellidae-Family	49	Magelona sacculata	991
Lovenia cordiformis	2272	Magelona sp A	992
Loveniidae-Family	2271	Magelonidae-Family	985
Loxorhynchus crispatus	2136	Majidae-Family	2134
Loxorhynchus grandis	2137	Malacoceros punctata	950
Loxosomatidae-Family	252	Malacostegoidea-Superfamily	2356
Lucinidae-Family	681	Malacostraca-Class	1570
Luciniscia nuttalli	683	Maldane sarsi	1056
Lucinoidea-Superfamily	680	Maldanidae-Family	1045
Lucinoma annulatum	684	Manayunkia sp	1432
Luidia armata	2187	Mandibulophoxus gilesi	1828
Luidia asthenosoma	2188	Mangelia hexagona	475
Luidia foliolata	2189	Marginellidae-Family	451
Luidiidae-Family	2186	Marphysa conferta	1283
Lumbrineridae-Family	1286	Marphysa disjuncta	1284
Lumbrinerides platypygus	1288	Marphysa sp A	1285
Lumbrineris bassi	1289	Mayerella banksia	2017
Lumbrineris bicirrata	1290	Mediaster aequalis	2197
Lumbrineris californiensis	1291	Mediomastus acutus	1037
Lumbrineris cruzensis	1292	Mediomastus ambiseta	1038
Lumbrineris erecta	1293	Mediomastus californiensis	1039
Lumbrineris index	1294	Megabalanus californicus	1569
Lumbrineris inflata	1295	Megalomma pigmentum	1433
Lumbrineris japonica	1296		

INDEX

Megalomma splendida	1434	Modiolus neglectus	650
Megaluropidae genus A sp A	1935	Modiolus rectus	651
Megaluropidae-Family	1933	Molgula regularis	2424
Megasurcula carpenteriana	476	Molgulidae-Family	2422
Megasurcula stearnsiana	477	Mollusca-Phylum	259
Meiodorvillea sp	1317	Molpadia intermedia	2306
Melanella bakeri	369	Molpadiida-Order	2304
Melanella catalinensis	370	Molpadiidae-Family	2305
Melanella compacta	371	Monobrachiidae-Family	37
Melanella grippi	372	Monobrachium parasitum	38
Melanella micans	373	Monoculodes emarginatus	1774
Melanella oldroydi	374	Monoculodes hartmanae	1775
Melanella rutila	375	Monoculodes latissimanus	1776
Melanochlamys diomedea	531	Monoculodes norvegicus	1777
Melinna heterodonta	1368	Monostyliifera sp A	244
Melinna oculata	1369	Monostyliiferoidea-Suborder	220
Melita dentata	1944	Monstrilloidea-Order	1552
Melita desdichada	1945	Montacutidae-Family	710
Melitidae-Family	1936	Monticellina dorsobranchialis	1025
Meloscaphander sp A	525	Monticellina tessellata	1026
Melphidippidae-Family	1931	Mooreonuphis exigua	1265
Melphidippoidea-Superfamily	1930	Mooreonuphis litoralis	1266
Melphisana "bola"	1932	Mooreonuphis nebulosa	1267
Membranipora savarti	2359	Mooreonuphis segmentispadix	1268
Membranipora tenuis	2360	Mooreonuphis stigmatis	1269
Membranipora tuberculata	2361	Mooresamytha bioculata	1371
Membraniporidae-Family	2357	Munna stephenseni	1744
Mesochaetopterus sp	1003	Munnidae-Family	1743
Mesocrangon munitella	2070	Munnogonium erratum	1750
Mesogastropoda-Order	310	Munnogonium tillerae	1751
Mesolamprops bispinosa	1643	Munnopsidae-Family	1746
Metacaprella kernerlyi	2028	Muriceidae-Family	73
Metacrangon spinosissima	2071	Muricidae-Family	417
Metamysidopsis elongata	1598	Muricoidea-Superfamily	416
Metaphoxus frequens	1829	Musculista senhousei	652
Metasychis disparidentatus	1057	Musculus sp	653
Metharpinia coronadoi	1830	Mya arenaria	799
Metharpinia jonesi	1831	Myidae-Family	797
Metopa dawsoni	1800	Myina-Suborder	795
Metridiidae-Family	119	Myodocopa-Subclass	1507
Metridium "senile"	120	Myodocopida-Order	1508
Metzgeria sp	450	Myodocopina-Suborder	1509
Mexamage longibranchiata	1370	Myoida-Order	794
Micrasterina-Suborder	2266	Myoidea-Superfamily	796
Microglyphis brevicula	517	Myriochele gracilis	1330
Microphthalmus sp	1160	Myriochele pygidialis	1331
Micropodarke dubia	1161	Myriochele sp M	1332
Microporella ciliata	2396	Myriowenia californiensis	1333
Microporella cribrosa	2397	Mysella grippi	711
Microporellidae-Family	2395	Mysella pedroana	712
Microspio pigmentata	951	Mysella sp A	714
Micrura alaskensis	209	Mysella sp B	715
Micrura pardalis	210	Mysella sp C	716
Micrura wilsoni	211	Mysella sp D	717
Mitra idae	455	Mysella sp E	718
Mitrella aurantiaca	430	Mysella tumida	713
Mitrella tuberosa	431	Mysidacea-Order	1587
Mitridae-Family	454	Mysidae-Family	1589
Mitroidea-Superfamily	453	Mysida-Suborder	1588
Modiolus capax	649	Mysidella americana	1599

INDEX

<i>Mysidopsis brattegardi</i>	1600
<i>Mysidopsis cathengelae</i>	1601
<i>Mysidopsis intii</i>	1602
<i>Mysidopsis onofrensis</i>	1603
<i>Mystides</i> sp	1093
Mytilidae-Family	643
Mytiloidea-Order	641
Mytiloidea-Superfamily	642
<i>Mytilus californianus</i>	654
<i>Mytilus galloprovincialis</i>	655
<i>Myxicola infundibulum</i>	1435

N

<i>Naineris uncinata</i>	905
Nannastacidae-Family	1624
Nassariidae-Family	436
<i>Nassarina penicillata</i>	432
<i>Nassarius delosi</i>	437
<i>Nassarius fossatus</i>	438
<i>Nassarius insculptus</i>	439
<i>Nassarius mendicus</i>	440
<i>Nassarius perpinguis</i>	441
Naticidae-Family	396
Naticoidea-Superfamily	395
<i>Naushonia macginitiei</i>	2087
<i>Neaeromya compressa</i>	719
<i>Nearomya stearnsii</i>	720
<i>Neastacilla californica</i>	1720
<i>Nebalia pugettensis</i>	1574
Nebaliidae-Family	1573
<i>Nellobia eusoma</i>	894
<i>Nemertea</i> sp A	249
Nemertea-Phylum	178
<i>Nemocardium centifilosum</i>	729
<i>Neocrangon communis</i>	2072
<i>Neocrangon resima</i>	2073
<i>Neocrangon zacaе</i>	2074
Neogastropoda-Order	415
<i>Neoleprea japonica</i>	1391
<i>Neoleprea spiralis</i>	1392
Neoloricata-Order	272
<i>Neomysis kadiakensis</i>	1604
<i>Neomysis rayi</i>	1605
<i>Neotrypaea biffari</i>	2089
<i>Neotrypaea californiensis</i>	2090
<i>Nephasoma diaphanes</i>	887
Nephtyidae-Family	1233
<i>Nephtys assignis</i>	1236
<i>Nephtys caecoides</i>	1237
<i>Nephtys californiensis</i>	1238
<i>Nephtys cornuta cornuta</i>	1239
<i>Nephtys cornuta franciscana</i>	1240
<i>Nephtys ferruginea</i>	1241
<i>Nephtys parva</i>	1242
<i>Nephtys punctata</i>	1243
<i>Nephtys signifera</i>	1244
Nereididae-Family	1208
Nereidiformia-Suborder	1154

<i>Nereiphylla castanea</i>	1094
<i>Nereis latescens</i>	1211
<i>Nereis procera</i>	1212
<i>Nerocila acuminata</i>	1709
<i>Neverita reclusiana</i>	398
<i>Nicippe tumida</i>	1894
<i>Nicomache</i> sp	1058
<i>Ninoc</i> sp A	1304
<i>Nitidiscala hindsii</i>	356
<i>Nitidiscala indianorum</i>	357
<i>Nitidiscala sawinae</i>	358
<i>Nitidiscala tincta</i>	359
<i>Nolella</i> sp	2349
<i>Norrisia norrisi</i>	303
not recognized-suborder	1232
Notaspidea-Order	560
<i>Nothria occidentalis</i>	1270
<i>Notocirrus californiensis</i>	1314
Notodorididae-Family	577
<i>Notomastus magnus</i>	1040
<i>Notomastus tenuis</i>	1041
<i>Notoplana</i> sp	154
Notoplanidae-Family	153
<i>Notoproctus pacificus</i>	1059
Nucinellidae-Family	622
Nucinelloidea-Superfamily	621
<i>Nuculana conceptionis</i>	631
<i>Nuculana elenensis</i>	632
<i>Nuculana hamata</i>	633
<i>Nuculana penderi</i>	634
<i>Nuculana taphria</i>	635
Nuculanidae-Family	630
Nuculanoidea-Superfamily	629
Nuculidae-Family	626
Nuculoidea-Order	624
Nuculoidea-Superfamily	625
Nudibranchia-Order	564
<i>Nuttallia nuttallii</i>	770
<i>Nymphon heterodenticulatum</i>	1486
<i>Nymphon pixellae</i>	1487
Nymphonidae-Family	1485
Nymphonoidea-Superfamily	1484
Nynantheae-Suborder	98

O

<i>Obelia geniculata</i>	43
<i>Obelia</i> sp A	44
<i>Ocenebra beta</i>	419
<i>Ocenebra foveolata</i>	420
Octobranchia-Superorder	873
Octopoda-Order	874
Octopodidae-Family	876
<i>Octopus rubescens</i>	877
<i>Odontosyllis phosphorea</i>	1188
<i>Odontosyllis</i> sp A	1189
<i>Odostomia astricta</i>	487
<i>Odostomia canfieldi</i>	488
<i>Odostomia clementina</i>	489

INDEX

Odostomia columbiana	490
Odostomia eucosmia	491
Odostomia eugena	492
Odostomia gravida	493
Odostomia laxa	494
Odostomia ritteri	495
Odostomia sp D	498
Odostomia tenuisculpta	496
Odostomia virginalis	497
Oedicerotidae-Family	1769
Oedicerotoidea-Superfamily	1768
Oenopota regulus	478
Oerstedtia dorsalis	226
Ogyrides sp A	2062
Ogyrididae-Family	2061
Okenia sp A	572
Oligochaeta-Class	1459
Olivella baetica	447
Olivella biplicata	448
Olividae-Family	446
Onchidorididae-Family	573
Onchidoris sp.	576
Onchnesoma sp A	888
Onuphidae-Family	1260
Onuphis elegans	1271
Onuphis eremita	1272
Onuphis eremita parva	1273
Onuphis geophiliformis	1274
Onuphis iridescens	1275
Onuphis multiannulata	1276
Onuphis pallida	1277
Onuphis sp 1	1278
Opalia borealis	363
Opalia funiculata	360
Opalia montereyensis	361
Opalia spongiosa	362
Ophelia pulchella	1070
Opheliidae-Family	1068
Opheliida-Order	1067
Ophelina acuminata	1071
Ophiacantha diplasia	2209
Ophiacanthidae-Family	2208
Ophiactidae-Family	2211
Ophiactis sp	2212
Ophiocomidae-Family	2231
Ophiocten sp	2240
Ophiodermatidae-Family	2237
Ophiodermella cancellata	479
Ophiodermella halcyonis	480
Ophiodermella inermis	481
Ophiodromus pugettensis	1162
Ophiomusium jolliensis	2241
Ophionereidae-Family	2233
Ophionereis annulata	2234
Ophionereis eurybrachiplax	2235
Ophiopholis bakeri	2213
Ophiopsila californica	2232
Ophiothrix spiculata	2230
Ophiotricidae-Family	2229
Ophiura leptoctenia	2242

Ophiura luetkeni	2243
Ophiuridae-Family	2239
Ophiurida-Order	2206
Ophiuroconis bispinosa	2238
Ophiuroidea-Class	2205
Ophryotrocha sp A	1318
Ophryotrocha sp B	1319
Ophryotrocha sp C	1320
Opiliones-Superorder	1501
Opilionoidea-Subclass	1500
Opisa tridentata	1862
Opisthodontia sp	1190
Opisthopus transversus	2167
Opisthosyllis sp	1191
Oplophoridae-Family	2037
Oplorhiza gracilis	52
Oradarea longimana	1760
Orbinia johnsoni	906
Orbiniidae-Family	902
Orbiniida-Order	901
Orchomene anaquelus	1863
Orchomene decipiens	1864
Orchomene pacificus	1865
Orchomene pinguis	1866
Orobitella bakeri	721
Orthopagurus minimus	2104
Orthopyxis everta	45
Ostracoda-Class	1506
Ostreoida-Order	662
Ovulidae-Family	408
Owenia collaris	1334
Oweniidae-Family	1329
Oweniida-Order	1328
Oxyurostylis pacifica	1655

P

Pachycerianthus fimbriatus	93
Pachycheles pubescens	2119
Pachygrapsus crassipes	2163
Pachynus barnardi	1867
Pachythyone rubra	2278
Pacifacanthomysis nephrophthalma	1606
Paguridae-Family	2101
Paguristes bakeri	2097
Paguristes parvus	2098
Paguristes turgidus	2099
Paguristes ulreyi	2100
Pagurus armatus	2105
Pagurus granosimanus	2106
Pagurus redondoensis	2107
Pagurus samuelis	2108
Pagurus spilocarpus	2109
Palaemonidae-Family	2077
Palaemonoidea-Superfamily	2076
Palaemonemerteza sp A	194
Palaemonemerteza sp B	195
Palaemonemerteza-Order	183
Palaenotus bellis	1150

INDEX

Palinura-Infraorder	2080	Pectinidae-Family	665
Palinuridae-Family	2081	Pectinina-Suborder	663
Pandora bilirata	819	Pectinoidea-Superfamily	664
Pandora filosa	820	Pegmata-Order	1471
Pandora punctata	821	Pelia tumida	2138
Pandoridae-Family	818	Penaeidea-Suborder	2031
Pandoroidea-Superfamily	817	Penaeoidea-Superfamily	2032
Pannychia moseleyi	2296	Pennariidae-Family	23
Panoepa abrupta	808	Pennatulacea-Order	75
Panulirus interruptus	2082	Pennatulidae-Family	86
Paracaudina chilensis	2309	Pentactinia californica	105
Paracerceis cordata	1715	Pentamera lissoplaca	2282
Paracerceis sculpta	1716	Pentamera populifera	2283
Paradiopatra parva	1279	Pentamera pseudocalcigera	2284
Paradoneis eliasoni	930	Pentamera pseudopopulifera	2285
Paramage scutata	1372	Pentamera sp A	2286
Parametaphoxus fultoni	1832	Peracarida-Superorder	1586
Parametopella ninis	1801	Peramphithoe humeralis	1952
Paramicrodeutopus schmitti	2001	Peramphithoe lindbergi	1953
Paramunnidae-Family	1749	Peramphithoe mea	1954
Paranaitis polynoides	1095	Peramphithoe plea	1955
Parandalia fauveli	1169	Peramphithoe tea	1956
Parandalia ocularis	1170	Perigonimus sp A	31
Paranemertes californica	224	Perigonimus yoldiarcticae	30
Paraninoe fusca	1305	Perigonimus "serpens"	29
Paranthura elegans	1693	Periploma discus	832
Paranthuridae-Family	1691	Periplomatidae-Family	831
Paraonidae-Family	911	Perischoechinoidea-Subclass	2246
Parapaguridae-Family	2114	Petalconchus sp	338
Parapagurodes laurentae	2110	Petaloproctus borealis	1060
Parapagurodes makarovi	2111	Petaloproctus neoborealis	1061
Paraphoxus oculatus	1833	Petaloproctus tenuis	1062
Paraplanocera oligoglena	150	Petricola carditoides	752
Parapleustes behningi	1784	Petricola tellimyalis	753
Parapleustes oculatus	1785	Petricolidae-Family	751
Parapleustes pugettensis	1786	Petrolisthes cinctipes	2120
Paraprionospio pinnata	952	Pettiboneia sp	1322
Parasmittina trispinosa	2399	Pharidae-Family	784
Paraspidosiphon sp	881	Phasianellidae-Family	305
Parasterope barnesi	1526	Pherusa capulata	1340
Parasterope hulingsi	1527	Pherusa inflata	1341
Parastichopus californicus	2293	Pherusa neopapillata	1342
Paratanaididae sp A	1661	Phialellidae-Family	53
Paratanaididae-Family	1659	Philine alba	533
Paratanaoidea-Superfamily	1658	Philine bakeri	534
Pardalisca tenuipes	1895	Philine californica	535
Pardaliscella symmetrica	1896	Philine sp A	536
Pardaliscidae-Family	1892	Philinidae-Family	532
Pardaliscoidea-Superfamily	1891	Philinoidea-Superfamily	520
Pareurythoe californica	1255	Philomedes dentata	1518
Pariphinotus escabrosus	1811	Philomedidae-Family	1513
Parougia caeca	1321	Phimochirus californiensis	2112
Parthenopidae-Family	2144	Phlebobranchiata-Order	2410
Parvilucina tenuisculpta	685	Phliantidae-Family	1810
Parviplana californica	148	Pholadidae-Family	813
Patellina-Suborder	286	Pholadina-Suborder	811
Patelloidea-Superfamily	287	Pholadoidea-Superfamily	812
Paxillosida-Order	2185	Pholadomyoida-Order	816
Pectinaria californiensis	1354	Pholoe glabra	1139
Pectinariidae-Family	1353	Pholoidae-Family	1138

INDEX

<i>Pholoides asperus</i>	1140	Pisionidae-Family	1152
Phoronidae-Family	2314	Pisionoidea-Superfamily	1151
Phoronida-Order	2313	<i>Pista alata</i>	1393
Phoronida-Phylum	2312	<i>Pista elongata</i>	1394
Phoronis sp	2315	<i>Pista fasciata</i>	1395
Phoronopsis sp	2316	<i>Pista moorei</i>	1396
<i>Photis bifurcata</i>	1965	<i>Pista sp B</i>	1397
<i>Photis brevipes</i>	1966	<i>Pitar newcombianus</i>	738
<i>Photis californica</i>	1967	<i>Placostegus californicus</i>	1446
<i>Photis conchicola</i>	1968	Planoceridae-Family	149
<i>Photis lacia</i>	1969	<i>Platonea sp</i>	2330
<i>Photis macinerneyi</i>	1970	Platyasteracea-Superorder	2184
<i>Photis macrotica</i>	1971	Platyhelminthes-Phylum	128
<i>Photis parvidons</i>	1972	Platyischnopidae-Family	1844
<i>Photis sp A</i>	1974	<i>Platymera gaudichaudii</i>	2130
<i>Photis sp B</i>	1975	<i>Platynereis bicanaliculata</i>	1213
<i>Photis sp C</i>	1976	<i>Platynereis dumerilli</i>	1214
<i>Photis sp D</i>	1977	<i>Platyodon cancellatus</i>	800
<i>Photis viuda</i>	1973	<i>Plectodon scaber</i>	841
Phoxichilidiidae-Family	1489	<i>Plehnia caeca</i>	138
Phoxocephalidae-Family	1815	Plehnidae-Family	137
Phoxocephaloidea-Superfamily	1812	<i>Pleiolana inquieta</i>	159
<i>Phragmatopoma californica</i>	1351	Pleciplanidae-Family	158
Phtisicidae-Family	2012	<i>Pleurobranchaea californica</i>	563
Phtisicoidea-Superfamily	2011	Pleurobranchaeidae-Family	562
Phyllocarida-Subclass	1571	Pleurobranchoidea-Superfamily	561
<i>Phyllochaetopterus limicolus</i>	1004	<i>Pleurogonium californiense</i>	1752
<i>Phyllochaetopterus prolifica</i>	1005	<i>Pleurogonium sp A</i>	1753
<i>Phyllodoce cuspidata</i>	1096	<i>Pleuroncodes planipes</i>	2117
<i>Phyllodoce groenlandica</i>	1097	Pleurotomariinae-Suborder	282
<i>Phyllodoce hartmanae</i>	1098	<i>Pleusirus securus</i>	1787
<i>Phyllodoce longipes</i>	1099	<i>Pleustes depressus</i>	1788
<i>Phyllodoce medipapillata</i>	1100	<i>Pleustes platypa</i>	1789
<i>Phyllodoce pettibonae</i>	1101	Pleustidae-Family	1782
Phyllodocidae-Family	1081	<i>Pleusymtes subglaber</i>	1790
Phyllodocida-Order	1079	<i>Plumularia corrugata</i>	59
Phyllodociformia-Suborder	1080	<i>Plumularia integra</i>	60
<i>Phyllodurus abdominalis</i>	1733	<i>Plumularia plumularioides</i>	61
Phyllophoridae-Family	2279	Plumulariidae-Family	55
<i>Phylo felix</i>	907	<i>Podarkeopsis glabrus</i>	1163
Pilargiidae-Family	1165	<i>Podarkeopsis sp A</i>	1164
<i>Pilargis berkeleyae</i>	1171	Podoceridae-Family	2007
<i>Pinnixa barnharti</i>	2168	<i>Podocerus brasiliensis</i>	2008
<i>Pinnixa forficulimanus</i>	2169	<i>Podocerus cristatus</i>	2009
<i>Pinnixa franciscana</i>	2170	<i>Podochela hemphillii</i>	2139
<i>Pinnixa hiatus</i>	2171	<i>Podochela lobifrons</i>	2140
<i>Pinnixa longipes</i>	2172	Podocopida-Order	1536
<i>Pinnixa minuscula</i>	2173	Podocopina-Suborder	1537
<i>Pinnixa occidentalis</i>	2174	<i>Pododesmus cepio</i>	677
<i>Pinnixa schmitti</i>	2175	Poecilochaetidae-Family	995
<i>Pinnixa tomentosa</i>	2176	<i>Poecilochaetus johnsoni</i>	996
<i>Pinnixa tubicola</i>	2177	<i>Poecilochaetus sp A</i>	997
<i>Pinnixa weymouthi</i>	2178	Poecilostomatoida-Order	1546
<i>Pinnotheres pugettensis</i>	2179	<i>Polinices draconis</i>	399
Pinnotheridae-Family	2164	<i>Polinices lewisii</i>	400
<i>Pionosyllis uraga</i>	1192	<i>Polycera tricolor</i>	580
<i>Piromis hospitis</i>	1343	Polyceridae-Family	579
<i>Piromis sp A</i>	1344	Polychaeta-Class	900
<i>Pisaster brevispinus</i>	2203	<i>Polycirrus californicus</i>	1398
<i>Pisione remota</i>	1153	<i>Polycirrus sp I</i>	1399

INDEX

Polycladida sp 27	171	Protoctenostomata-Suborder	2337
Polycladida sp 43	172	Protodorvillea gracilis	1323
Polycladida sp A	173	Protomeдея articulata	1978
Polycladida sp E	174	Protomeдея prudens	1979
Polycladida sp H	175	Protothaca laciniata	739
Polycladida sp O	176	Protothaca staminea	740
Polycladida sp P	177	Prototrygaeus jordanae	1477
Polycladida-Order	130	Protula superba	1447
Polydora armata	953	Psammobiidae-Family	767
Polydora brachycephala	954	Psephidia lordi	741
Polydora caulleryi	955	Psephidia ovalis	742
Polydora cf armata	956	Pseudoceridae-Family	162
Polydora commensalis	957	Pseudoceros sp	163
Polydora convexa	958	Pseudoceroidea-Superfamily	161
Polydora heterochaeta	959	Pseudochama exogyra	700
Polydora ligni	960	Pseudocnus lubrica	2289
Polydora limicola	961	Pseudodoridoidea-Superfamily	566
Polydora narica	962	Pseudomelatomia penicillata	482
Polydora nuchalis	963	Pseudomma berkeleyi	1607
Polydora socialis	964	Pseudomma californica	1608
Polygordiidae-Family	1453	Pseudopithina rugifera	722
Polygordius sp	1454	Pseudopolydora kempfi	971
Polynoidae-Family	1114	Pseudopolydora paucibranchiata	972
Polyodontes panamensis	1137	Pseudopotamilla ocellata	1437
Polyopthalmus pictus	1072	Pseudopotamilla socialis	1438
Polyplacophora-Class	271	Pseudosquillidae-Family	1580
Polyschides californicus	862	Pseudosquillopsis marmorata	1581
Polyschides tolmiei	863	Pseudostegoidea-Superfamily	2375
Pontogeneia inermis	1761	Pseudostylochidae-Family	142
Pontogeneia rostrata	1762	Pseudostylochus burchami	143
Pontogeneioidea-Superfamily	1756	Pseudotanaiidae-Family	1673
Pontoporeioidea-Superfamily	1927	Pseudotanais sp	1674
Porcellanidae-Family	2118	Psolidae-Family	2275
Porifera-Phylum	1	Psolus chitonoides	2276
Poromya tenuiconcha	847	Pseudopotamilla sp 1	1439
Poromyidae-Family	846	Pteriomorphia-Subclass	640
Poromyoidea-Superfamily	845	Pterocirrus californiensis	1102
Portunidae-Family	2154	Pterocirrus sp A	1103
Portunus xantusii	2155	Pterocirrus sp B	1104
Potamethus sp A	1436	Pteroglossa-Suborder	351
Prachynella lodo	1868	Pteropurpura festiva	421
Praxillella gracilis	1063	Ptilosarcus gurneyi	87
Praxillella pacifica	1065	Pugettia dalli	2141
Praxillura maculata	1064	Pugettia richii	2142
Prionospio ehlersi	965	Pulsellidae-Family	859
Prionospio heterobranchia	966	Pulsellum aberrans	860
Prionospio lighti	967	Puncturella sp	285
Prionospio multibranchiata	968	Pycnogonida-Class	1470
Prionospio sp A	969	Pycnogonidae-Family	1496
Prionospio sp B	970	Pycnogonomorpha-Order	1495
Procampylaspis sp A	1638	Pycnogonum rickettsi	1497
Proceraea sp	1193	Pycnogonum stearnsi	1498
Procerastea sp	1194	Pycnopodia helianthoides	2204
Proclea sp A	1400	Pylopagurus holmesi	2113
Propeamussidae-Family	672	Pyramidellidae-Family	485
Prosorhochmidae-Family	225	Pyramidellida-Order	483
Prosorhochmus albidus	227	Pyramidelloidea-Superfamily	484
Prosthiostomum latocelis	167	Pyromaia tuberculata	2143
Prosthiostomidae-Family	166	Pyuridae-Family	2419
Protobranchia-Subclass	616		

INDEX

R			
Randallia bulligera	2132	Samytha sexcirrata	1375
Randallia ornata	2133	Sareptidae-Family	636
Raricirrus maculata	1027	Sarsiella sp C	1531
Renilla kollikeri	78	Sarsiellidae-Family	1528
Renillidae-Family	77	Saxicavella nybakkeni	809
Reptantia-Suborder	2079	Saxicavella pacifica	810
Retusidae-Family	548	Saxidomus nuttalli	743
Rhabdus rectius	856	Scalibregma inflatum	1078
Rhabdus watsoni	857	Scalibregmatidae-Family	1076
Rhachotropis distincta	1763	Scalpellidae-Family	1559
Rhachotropis sp A	1764	Scalpelloidea-Superfamily	1558
Rhamphidonta retifera	706	Scaphandridae-Family	521
Rhamphidonta sp A	707	Scaphopoda-Class	848
Rhamphobrachium longisetosum	1280	Schistocomus hiltoni	1376
Rhepoxynius abronius	1834	Schistocomus sp A	1377
Rhepoxynius bicuspidatus	1835	Schistomeringos longicornis	1324
Rhepoxynius daboius	1836	Schisturella cocula	1870
Rhepoxynius fatigans	1837	Schisturella dorotheae	1871
Rhepoxynius heterocuspoidatus	1838	Schisturella tracialero	1872
Rhepoxynius lucubrans	1839	Schizasteridae-Family	2264
Rhepoxynius menziesi	1840	Schizoporella cornuta	2394
Rhepoxynius sp A	1843	Schizoporellidae-Family	2393
Rhepoxynius stenodes	1841	Schmittius politus	1584
Rhepoxynius variatus	1842	Scionella japonica	1401
Rhizocaulus verticillatus	46	Scleroconcha trituberculata	1519
Rhodine bitorquata	1066	Sclerodactylidae-Family	2277
Rhynchospio glutaea	973	Scleroplax granulata	2180
Rhynocrangon alata	2075	Scolanthus sp A	103
Rictaxis painei	518	Scolecopsis occidentalis	974
Rictaxis punctocaelatus	519	Scolecopsis squamata	975
Rimakoroga rima	1869	Scolecopsis tridentata	976
Rissoidea-Family	316	Scoloplos acmeceps	908
Rissoidea-Superfamily	315	Scoloplos acmeceps profundus	909
Rocinela angustata	1700	Scoloplos "armiger"	910
Rocinela belliceps	1701	Scoloura phillipsi	1671
Rossia pacifica	872	Scrupocellaria diegensis	2380
Rudilemboides stenopropodus	2002	Scrupocellariidae-Family	2379
Rutiderma lomae	1533	Scutellina-Suborder	2258
Rutiderma rostratum	1534	Scycttida-Order	4
Rutiderma rotundum	1535	Scyphoproctus oculatus	1042
Rutidermatidae-Family	1532	Semele decisa	773
		Semele rubropicta	775
		Semele venusta	774
		Semelidae-Family	771
		Sepioidea-Order	870
		Sepiolidae-Family	871
		Septibranchida-Order	833
		Serolidae-Family	1696
		Serolis carinata	1697
		Seroloidea-Superfamily	1695
		Serpulidae-Family	1440
		Sertularella pedrensis	65
		Sertulariidae-Family	62
		Sessiliflorae-Suborder	76
		Sicyonia ingentis	2034
		Sicyoniidae-Family	2033
		Sigalion spinosa	1142
		Sigalionidae-Family	1141
		Sigambra tentaculata	1172
		Siliqua lucida	786

S

Sabellaria cementarium	1352
Sabellariidae-Family	1350
Sabellidae-Family	1415
Sabellida-Order	1414
Sabellides sp	1373
Saccocirridae-Family	1455
Saccocirrus papillocercus	1456
Sacoglossa-Order	557
Sagartia catalinensis	118
Sagartiidae-Family	117
Salmoneus sp A	2050
Samytha californiensis	1374

INDEX

<i>Sinelobus stanfordi</i>	1677	<i>Spirontocaris snyderi</i>	2060
<i>Sinum scopulosum</i>	401	Spirorbidae-Family	1450
Siphonodentaliidae-Family	861	<i>Spirorbis</i> sp	1451
<i>Siphonodentalium quadrifissatum</i>	864	Spirularia-Suborder	90
<i>Siphonosoma ingens</i>	883	<i>Spisula catilliformis</i>	791
Sipuncula-Phylum	878	<i>Spisula planulata</i>	792
Sipunculidae-Family	882	Squillidae-Family	1583
Sipunculida-Order	879	Squilloidea-Superfamily	1582
<i>Siriella pacifica</i>	1609	Stegocephalidae-Family	1887
<i>Smittina</i> sp	2400	Stegocephaloidea-Superfamily	1886
Smittinidae-Family	2398	<i>Stegocephalus hancocki</i>	1888
<i>Socarnes hartmani</i>	1873	Stenolaemata-Class	2324
<i>Socarnoides illudens</i>	1874	<i>Stenopleustes monocuspis</i>	1791
<i>Solamen columbiana</i>	656	<i>Stenothoe estacola</i>	1802
<i>Solariella peramabilis</i>	304	<i>Stenothoe frecanda</i>	1803
Solecurtidae-Family	777	Stenothoidae-Family	1799
<i>Solemya reidi</i>	620	<i>Stenothoides bicoma</i>	1804
Solemyidae-Family	619	<i>Stenothoides burbanki</i>	1805
Solemyida-Order	617	<i>Stenula modosa</i>	1806
Solemyoidea-Superfamily	618	Sternaspidae-Family	1326
<i>Solen rosaceus</i>	782	Sternaspida-Order	1325
<i>Solen sicarius</i>	783	<i>Sternaspis fossor</i>	1327
Solenidae-Family	781	<i>Sthenelais berkeleyi</i>	1146
Solenoidea-Superfamily	780	<i>Sthenelais fusca</i>	1143
Solitaria-Order	251	<i>Sthenelais tertagliabra</i>	1144
<i>Sosane occidentalis</i>	1378	<i>Sthenelais verruculosa</i>	1145
<i>Sosanopsis</i> sp A	1379	<i>Sthenelanelia uniformis</i>	1147
Spatangidae-Family	2269	Stichopodidae-Family	2292
Spatangoida-Order	2262	Stolidobranchiata-Order	2415
<i>Spatangus californicus</i>	2270	Stolonata-Suborder	255
<i>Sphaerephesia longisetis</i>	1248	Stomatopoda-Order	1576
Sphaerodoridae-Family	1245	<i>Streblosoma crassibranchia</i>	1403
<i>Sphaerodoropsis biserialis</i>	1249	<i>Streblosoma</i> sp B	1404
<i>Sphaerodoropsis minuta</i>	1250	<i>Streptosyllis</i> sp	1198
<i>Sphaerodoropsis sphaerulifer</i>	1251	Strongylocentrotidae-Family	2252
Sphaeromatidae-Family	1712	<i>Strongylocentrotus franciscanus</i>	2254
<i>Sphaerosyllis brandhorsti</i>	1195	<i>Strongylocentrotus purpuratus</i>	2255
<i>Sphaerosyllis californiensis</i>	1196	<i>Styela coriacea</i>	2417
<i>Sphaerosyllis</i> sp A	1197	<i>Styela gibbsii</i>	2418
<i>Sphenia luticola</i>	801	Styelidae-Family	2416
<i>Spiculata barbarensis</i>	410	<i>Stylatula elongata</i>	82
<i>Spiculata loebbeckeana</i>	411	<i>Stylatula</i> sp A	83
<i>Spinosphaera oculata</i>	1402	Stylochidae-Family	139
<i>Spio filicornis</i>	977	Stylochoidea-Superfamily	132
<i>Spio maculata</i>	978	<i>Stylochoplana longipenis</i>	157
<i>Spio</i> sp A	979	Stylochoplanidae-Family	155
<i>Spiochaetopterus costarum</i>	1006	<i>Stylochus exiguus</i>	140
Spionidae-Family	940	<i>Stylochus franciscanus</i>	141
Spionida-Order	936	<i>Subadyte mexicana</i>	1132
Spioniformia-Suborder	937	Subselliflorae-Suborder	79
<i>Spiophanes berkeleyorum</i>	980	<i>Sulcoretusa xystrum</i>	549
<i>Spiophanes bombyx</i>	981	Syllidae-Family	1173
<i>Spiophanes fimbriata</i>	982	<i>Syllides japonica</i>	1199
<i>Spiophanes missionensis</i>	983	<i>Syllides longocirrata</i>	1200
<i>Spiophanes wigleyi</i>	984	<i>Syllides reishi</i>	1201
<i>Spiophanicola spinulosus</i>	1551	<i>Syllis (Ehlersia) heterochaeta</i>	1202
Spiophanicolidae-Family	1550	<i>Syllis (Ehlersia) hyperioni</i>	1203
<i>Spirobranchus spinosus</i>	1448	<i>Syllis (Syllis) elongata</i>	1204
<i>Spirontocaris holmesi</i>	2058	<i>Syllis (Syllis) gracilis</i>	1205
<i>Spirontocaris lamellicornis</i>	2059	<i>Syllis (Typosyllis) farallonensis</i>	1206

INDEX

<i>Sympagurus haigae</i>	2115
Synaptidae-Family	2299
<i>Synaptotaxis</i> sp A	1667
<i>Synchelidium rectipalmum</i>	1778
<i>Synchelidium shoemakeri</i>	1779
<i>Syncoryne eximia</i>	20
<i>Synidotea calcarea</i>	1727
<i>Synidotea magnifica</i>	1728
<i>Synidotea media</i>	1729
<i>Synnotum aegyptiacum</i>	2384
Synopiidae-Family	1876
Synopioidea-Superfamily	1875
<i>Syrrhoe longifrons</i>	1880
<i>Syrrhoe</i> sp A	1881

T

<i>Tagelus affinis</i>	778
<i>Tagelus subteres</i>	779
Talitroidea-Superfamily	1807
<i>Tanaella</i> sp A	1668
Tanaidacea-Order	1656
Tanaidae-Family	1676
Tanaidoidea-Superfamily	1675
Tanaidomorpha-Suborder	1657
<i>Tanaopsis cadieni</i>	1672
Tanystylidae-Family	1478
<i>Tanystylum californicum</i>	1479
<i>Tectidrilus diversus</i>	1465
<i>Tectidrilus profusus</i>	1466
<i>Tegella aquilirostris</i>	2366
<i>Teinostoma supravallatum</i>	331
<i>Tellina bodegensis</i>	761
<i>Tellina carpenteri</i>	762
<i>Tellina idae</i>	763
<i>Tellina modesta</i>	764
<i>Tellina nuculoides</i>	765
<i>Tellina</i> sp A	766
Tellinidae-Family	755
Tellinoidea-Superfamily	754
Temnopleuroida-Order	2248
<i>Tenonia priops</i>	1133
Terebellidae-Family	1380
Terebellida-Order	1349
<i>Terebellides californica</i>	1409
<i>Terebellides reishi</i>	1410
<i>Terebellides</i> sp Type C	1411
<i>Terebellides</i> sp Type D	1412
<i>Terebra hemphilli</i>	465
<i>Terebra pedroana</i>	466
Terebridae-Family	464
Tergipedidae-Family	606
Tergipedoidea-Superfamily	600
<i>Tethygeneia opata</i>	1765
Tetractinomorpha-Subclass	8
<i>Tetrastemma candidum</i>	240
<i>Tetrastemma nigrifrons</i>	241
<i>Tetrastemma reticulatum</i>	242
Tetrastemmatidae-Family	238

<i>Thalamoporella californica</i>	2372
Thalamoporellidae-Family	2371
Thalassematidae-Family	896
Thalassinidea-Infraorder	2083
<i>Thelepus hamatus</i>	1405
<i>Thelepus setosus</i>	1406
<i>Theora lubrica</i>	776
<i>Thesea</i> sp B	74
Thespesiopsyllidae-Family	1553
Thoracica-Order	1556
<i>Thracia curta</i>	829
<i>Thracia trapezoides</i>	830
Thraciidae-Family	826
Thracioidea-Superfamily	825
<i>Thuiaria cylindrica</i>	66
<i>Thyasira flexuosa</i>	692
Thyasiridae-Family	688
<i>Thysanocardia nigra</i>	889
<i>Tiburonella viscana</i>	1845
<i>Tindaria</i> sp	639
Tindariidae-Family	638
<i>Tiron biocellata</i>	1882
<i>Tiron tropakis</i>	1883
<i>Tivela stultorum</i>	744
<i>Tochuina tetraquetra</i>	584
<i>Tomburchus redondoensis</i>	723
Toxopneustidae-Family	2249
<i>Trachycardium quadragenarium</i>	730
<i>Transenella tantilla</i>	745
<i>Travisia brevis</i>	1073
<i>Travisia gigas</i>	1074
<i>Travisia pupa</i>	1075
<i>Tresus nuttallii</i>	793
<i>Tricellaria occidentalis</i>	2381
<i>Tricellaria praescuta</i>	2382
Trichobranchidae-Family	1407
<i>Trichobranchus</i> sp	1413
<i>Tricolia compta</i>	306
<i>Tricolia pulloides</i>	307
<i>Tricolia rubrilineata</i>	308
<i>Tricolia substriata</i>	309
<i>Tritella pilimana</i>	2018
<i>Triticella elongata</i>	2345
Triticellidae-Family	2344
<i>Tritonia diomedea</i>	585
<i>Tritonia festiva</i>	586
Tritoniidae-Family	583
<i>Trivia californiana</i>	407
Triviidae-Family	406
Trochidae-Family	296
Trochina-Suborder	294
<i>Trochochaeta multisetosa</i>	994
Trochochaetidae-Family	993
Trochoidea-Superfamily	295
Trombidiformes-Suborder	1503
Truncatellidae-Family	322
<i>Trypanosyllis</i> sp	1207
Tubificidae-Family	1460
<i>Tubificoides bakeri</i>	1467
Tubulanidae-Family	186

INDEX

Tubulanus albocinctus	188
Tubulanus cingulatus	189
Tubulanus frenatus	190
Tubulanus nothus	191
Tubulanus polymorphus	192
Tubularia crocea	22
Tubulariidae-Family	21
Tubularoidea-Superfamily	16
Tubulipora tuba	2331
Tubuliporidae-Family	2329
Tubuliporina-Suborder	2326
Turbellaria-Class	129
Turbinellidae-Family	449
Turbonilla albo	499
Turbonilla castanea	500
Turbonilla chocolata	501
Turbonilla diegensis	502
Turbonilla kelseyi	503
Turbonilla nuttingi	504
Turbonilla raymondi	505
Turbonilla regina	506
Turbonilla santarosana	507
Turbonilla sp A	509
Turbonilla tenuicula	508
Turridae-Family	467
Turritella cooperi	336
Turritellidae-Family	335
Turritelloidea-Superfamily	334
Typhlotanais sp A	1669

U

uncertain-family	94
uncertain-family	216
uncertain-family	555
uncertain-family	170
uncertain-family	193
uncertain-family	123
uncertain-family	243
uncertain-family	246
uncertain-order	1452
uncertain-order	215
uncertain-suborder	245
uncertain-suborder	168
uncertain-superfamily	169
uncertain-superfamily	554
Ungulinidae-Family	686
unidentified	1458
unidentified	2311
unidentified	182
unidentified	2078
unidentified	1504
unidentified	1554
unidentified	2407
unidentified	253
unidentified	866
unidentified	136
unidentified	1545
unidentified	24

unidentified	2038
Upogebia lepta	2092
Upogebia macginitieorum	2093
Upogebiidae-Family	2091
Urochordata-Subphylum	2408
Uromunna ubiquita	1745
Urothoe varvarini	1814
Urothoidea-Family	1813

V

Valenciiniidae-Family	212
Valkenoidea-Superfamily	2343
Valvatacea-Superorder	2193
Valvatida-Order	2194
Valvifera-Suborder	1717
Vargula tsujii	1512
Vaunthompsonia pacifica	1618
Vellendoidea-Superfamily	1480
Veneridae-Family	732
Veneroidea-Order	679
Veneroidea-Superfamily	731
Venerupis philippinarum	746
Vermetidae-Family	337
Vermiliopsis infundibulum	1449
Verticordia ornata	844
Verticordiidae-Family	843
Verticordioidea-Superfamily	842
Vesiculariidae-Family	2351
Vesicularoidea-Superfamily	2350
Virgularia bromleyi	84
Virgularia sp A	85
Virgulariidae-Family	80
Vitrinella berryi	332
Vitrinella oldroydi	333
Vitrinellidae-Family	329
Volutoidea-Superfamily	445
Volvulella californica	550
Volvulella catharia	551
Volvulella cylindrica	552
Volvulella panamica	553

W X Y Z

Westwoodilla caecula	1780
Xanthidae-Family	2156
Xylophaga washingtona	814
Yoldia seminuda	637
Zaolutus actius	114
Zeuxo normani	1678
Zoantharia-Subclass	88
Zygeupolia rubens	214
Zygonemertes virescens	237

