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**A BIBLIOGRAPHIC SPECIES LIST  
FOR THE BIOTA OF KANEOHE BAY**

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## INTRODUCTION

This publication contains a bibliographic list of the species found in Kaneohe Bay as recorded in the papers and reports listed in the Bibliography of Kaneohe Bay (H.I.M.B. Technical Report No. 20). It is intended that these two reports be used in cross-reference to each other.

The species of animals are arranged phylogenetically according to the system used by Edmondson (Reef and Shore Fauna of Hawaii, Bernice P. Bishop Museum Special Publication No. 22). The arrangement of plants follows that used by Gilbert Smith (Cryptogamic Botany. Volume I. McGraw-Hill Book Co., New York. 1955. second edition.). The organisms are classified down to families whenever possible.

Other references used were:

1. Hyman, Libbie H. The Invertebrates. McGraw-Hill Book Co., New York. 1967.
2. Johnson, Myrtle E. and H. J. Snook. Seashore animals of the Pacific Coast. Dover Publications Inc., New York. 1955.
3. Cosline, William and V. E. Brock. Handbook of Hawaiian Fishes. University of Hawaii Press. 1960.

The authors wish to thank the following people for their assistance in clarifying taxonomic relationships: Dr. Allen Cattell, Mr. Gerry Key, Mr. Aprilany Soegiarto, and Mr. James Maragos, Hawaii Institute of Marine Biology, University of Hawaii.

A Bibliographic Species List for Kaneohe Bay

PHYLUM PORIFERA

Callyspongia diffusa (Ridley)

Laubenfels, M. W. de. 1950. Pacific Science 4(1):3-26. HML Contribution No. 1.

Clatharia procera (Ridley)

Bergquist, P. R. 1967. Micronesica 3(2):159-174.

Cliona vastifica Hancock

Laubenfels, M. W. de. 1950. Pacific Science 4(1):3-26. HML Contribution No. 1.

Damiriana hawaiiiana n. sp.

Laubenfels, M. W. de. 1950. Pacific Science 4(1):3-26. HML Contribution No. 1.

Diplastrella spiniglobata (Carter)

Bergquist, P. R. 1967. Micronesica 3(2):159-174.

Dysidea avara (Schmidt) de Laubenfels

Laubenfels, M. W. de. 1950. Pacific Science 4(1):3-26. HML Contribution No. 1.

Eurypon nigra nov. sp.

Bergquist, P. R. 1967. Micronesica 3(2):159-174.

Halichondria coerulea nov. sp.

Bergquist, P. R. 1967. Micronesica 3(2):159-174.

Halichondria magnicanulosa

Gupta, K. C. 1967. PhD thesis - University of Hawaii.

Halichondria melanadocia de Laubenfels

Bergquist, P. R. 1967. Micronesica 3(2):159-174.

Hexadella pleochromata n. sp.

Laubenfels, M. W. de. 1950. Pacific Science 4(1):3-26. HML Contribution No. 1.

Hiattrochota protea n. sp.

Laubenfels, M. W. de. 1950. Pacific Science 4(1):3-26. HML Contribution No. 1.

Hymeniacidon chloris n. sp.

Laubenfels, M. W. de. 1950. Pacific Science 4(1):3-26. HML Contribution No. 1.

Kaneohea poni n. sp.

Laubenfels, M. W. de. 1950. Pacific Science 4(1):3-26. HML Contribution No. 1.

Leucetta solida (Schmidt) Dendy and Row

Laubenfels, M. W. de. 1950. Pacific Science 4(1):3-26. HML Contribution No. 1.

Mycale cecilia

Bergquist, P. R. 1967. Micronesica 3(2):159-174.

Laubenfels, M. W. de. 1950. Pacific Science 4(1):3-26. HML Contribution No. 1.

Myxilla rosacea (Lieberkuhn) Schmidt

Laubenfels, M. W. de. 1950. Pacific Science 4(1):3-26. HML Contribution No. 1.

Laubenfels, M. W. de. 1957. Pacific Science 11(2):236.

Naniupi ula n. sp.

Laubenfels, M. W. de. 1950. Pacific Science 4(1):3-26. HML Contribution No. 1.

Neodocia mokuoloea n. sp.

Laubenfels, M. W. de. 1950. Pacific Science 4(1):3-26. HML Contribution No. 1.

Plakortis simplex Schultze

Laubenfels, M. W. de. 1950. Pacific Science 4(1):3-26. HML Contribution No. 1.

Pleraplysilla hyalina n. sp.

Laubenfels, M. W. de. 1950. Pacific Science 4(1):3-26. HML Contribution No. 1.

Psammophysilla purpurea (Carter)

Bergquist, P. R. 1967. Micronesica 3(2):159-174.

Spirastrella vagabunda Ridley

Bergquist, P. R. 1967. Micronesica 3(2):159-174.

Spongia oecania n. sp.

Laubenfels, M. W. de. 1950. Pacific Science 4(1):3-26. HML Contribution No. 1.

Tedania ignis (Duchassing and Michelotti)

Banner, A. H. 1968. HIMB Technical report No. 15.

Bergquist, P. R. 1967. Micronesica 3(2):159-174.

Laubenfels, M. W. de. 1950. Pacific Science 4(1):3-26. HML Contribution No. 1.

Tedania macrodactyla (Lamarck)

Bergquist, P. R. 1967. Micronesica 3(2):159-174.

Terpios granulosa nov. sp.

Bergquist, P. R. 1967. Micronesica 3(2):159-174.

Terpios zeteki (de Laubenfels)

Laubenfels, M. W. de. 1950. Pacific Science 4(1):3-26. HML Contribution No. 1.

Tethya diplodorma Schmidt

Laubenfels, M. W. de. 1950. Pacific Science 4(1):3-26. HML Contribution No. 1.

Toxadocia violacea de Laubenfels

Banner, A. H. 1968. HIMB Technical report No. 15.

Laubenfels, M. W. de. 1950. Pacific Science 4(1):3-26. HML Contribution No. 1.

Xyrtosiphum kaneohe n. sp.

Laubenfels, M. W. de. 1950. Pacific Science 4(1):3-26. HML Contribution No. 1.

Zaplethea digonoxea n. sp.

Laubenfels, M. W. de. 1950. Pacific Science 4(1):3-26. HML Contribution No. 1.

Zygomycale parishii (Bowerband)

Banner, A. H. 1968. HIMB Technical report No. 15.

Bergquist, P. R. 1967. Micronesica 3(2):159-174.

Laubenfels, M. W. de. 1950. Pacific Science 4(1):3-26. HML Contribution No. 1.

## PHYLUM COELENTERATA

## Class Hydrozoa

Bougainvillia sp.

Tusov, J. 1967. MSc thesis, plan B Zoology. University of Hawaii.

Hydroides norvegica

Bowers, R. L. 1965. MSc thesis. University of Hawaii.

Lytocarpus phoeniceus (Busk)

Nutting, C. C. 1905. U. S. Fish Bull. (3):931-959.

Pennaria tiarella McCrady

Banner, A. H. 1968. HIMB Technical report No. 15.

Edmondson, C. H. 1935. B.P.B.M. Occ. Paper 10(24):1-40.

Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers 14(14).

Hiatt, R. W. 1954. Invertebrate course manual.

Takayasu, J. M. 1964. Student report-Zoology 620.

Pennaria sp.

Edmondson, C. H. 1933. B.P.B.M. Special publ. no. 22.

Ingram, W. M. 1937. MSc thesis. University of Hawaii.

## Class Scyphozoa

Cassiopea mertensi Brandt

Banner, A. H. 1968. HIMB Contribution No. 15.

Kishinouyea hawaiiensis n. sp.

Edmondson, C. H. 1930. B.P.B.M. Occ. Papers 9(6):1-16.

Marcanthea cookei

Guinther, E. 1970. Biology of Molluscs. HIMB Technical report No. 18.

Johnson, V. R. Jr. 1966. Student report-Zoology 620.

Milewski, J. R. 1966. Student report-Zoology 620.

Stokes, D. R. 1965. Student report-Marine Ecology 620.

Mastigias ocellata

Walsh, G. E. 1967. AAAS publ No. 83:420-431. HIMB Contribution No. 203.

Mastigas paupa (Lesson)

Banner, A. H. 1968. HIMB Technical report No. 15.

Rhizostoma ocellata

Piyakarnchanat, T. 1965. PhD thesis. University of Hawaii.

## Class Anthozoa

## Sub-Class Zoantharia

## Order Actinaria

## Family Utricinidae

Boloceriodes lilae

Guinther, E. 1970. Biology of Molluscs. HIMB Technical report No. 18.

Bolocerooides sp.

Josephson, R. K. and S. C. March. 1966. J. Exp. Biol. 44:493-506.  
HIMB Contribution No. 222.

Sargartia longa

Bowers, R. L. 1965. MSc thesis. University of Hawaii.

Tealiopsis nigrescens Verrill

Edmondson, C. H. 1933. B.P.B.M. Special publ. no. 22.

## Order Antipathidea

## Family Antipathidae

Antipathes grandis Verrill

Grigg, R. W. 1964. MSc thesis. University of Hawaii.

Grigg, R. W. 1965. Pacific Science 19(2):244-260.



## Order Ceriantharia

Cerianthus sp.

Edmondson, C. H. 1933. B.P.B.M. Special publ. no. 22.

## Order Madreporaria

## Family Acroporidae

Montipora flabellata

MacKaye, A. L. 1915. Hawaiian Almanac and Annual for 1916. pp. 135-139.

Montipora verrilli Vaughan

Galtsoff, P. 1933. B.P.B.M. Bull. 107:1-49.

Vaughan, W. T. 1907. Smithsonian Institution U. S. Nat. Mus. Bull. 59.

Montipora verrucosa (Lamarck)

Banner, A. H. 1968. HIMB Technical report No. 15.

Baxter, J. W. 1963. Student report-Marine Ecology 620.

Galtsoff, P. 1933. B.P.B.M. Bull. 107:1-49.

MacKaye, A. L. 1915. Hawaiian almanac and annual for 1916. pp. 135-139.

Montipora sp.

Edmondson, C. H. 1929. B.P.B.M. Bull. 58. 38 pp.

Nishimoto, R. T. 1967. Student report.

## Family Agariciidae

Pavona duerdeni Vaughan

Galtsoff, P. 1933. B.P.B.M. Bull. 107:1-49.

Pavona varians (Verrill)

MacKaye, A. L. 1915. Hawaiian almanac and annual for 1916. pp. 135-139.

Psammocora verrilli

Tomlinson, J. T. 1969. U. S. Nat. Mus. Bull. No. 296. 162 pp.

Stephanaria brighami (Vaughan) now Psammocora brighami

MacKaye, A. L. 1915. Hawaiian almanac and annual for 1916. pp. 135-139.

## Family Eupsammidae

Dendrophyllia manni Verrill

Bryan, W. A. 1915. Natural History of Hawaii. publ. Hawaiian Gazette, Honolulu.

Edmondson, C. H. 1929. B.P.B.M. Bull. 58. 38 pp.

Galtsoff, P. 1933. B.P.B.M. Bull. 107:1-49.

MacCaughy, V. 1918. American Naturalist 52:409-438.

- MacKaye, A. L. 1915. Hawaiian almanac and annual for 1916. pp. 135-139.
- Vaughan, W. T. 1907. Smithsonian Institution, U. S. Nat. Mus. Bull. 59.
- Edmondson, C. H. 1946. B.P.B.M. Occ. Papers 18(19):283-304.

Family Faviidae

Favia hawaiiensis (Vaughan)

- MacKaye, A. L. 1915. Hawaiian almanac and annual for 1916. pp. 135-139.

Family Fungiidae

Fungia scutaria Lamarck

- Banner, A. H. 1968. HIMB Technical report No. 15.
- Bosch, H. F. 1965. Pacific Science 19(2):267-268. HML Contribution No. 221.
- Bosch, H. F. 1967. MSc thesis. University of Hawaii.
- Bowers, R. and K. Bridge. 1963. Student report-Zoology 620.
- Brock, R. E. and B. Machado. 1967. Student report-Marine Ecology 620.
- Edmondson, C. H. 1933. B.P.B.M. Special publ. no. 22.
- Galtsoff, P. 1933. B.P.B.M. Bull. 107:1-49.
- MacKaye, A. L. 1915. Hawaiian almanac and annual for 1916. pp. 135-139.
- Nishimoto, R. T. 1967. Student report.
- Stephens, G. C. 1960. Science 131(4312):1532. HIMB Contribution No. 129.
- Stephens, G. C. 1962. Biol. Bull. 123(3):648-659. HIMB Contribution No. 170.
- Yamazato, K. 1966. PhD thesis. University of Hawaii.
- Yamazato, K. 1963. Student report-Marine Ecology 620.
- Byrne, J. 1963. Student report-Marine Ecology 620.
- Guinther, E. 1968. Biology of Molluscs. Graduate Training Program. U. H.

Family Orbicellidae

Cyphastrea ocellina

- Edmondson, C. H. 1933. B.P.B.M. Occ. Paper 10(5):1-23.
- MacKaye, A. L. 1915. Hawaiian almanac and annual for 1916. pp. 135-139.
- Edmondson, C. H. 1946. B.P.B.M. Occ. Paper 18(19):283-304.

Lepastrea agassiz (Vaughan)

- MacKaye, A. L. 1915. Hawaiian almanac and annual for 1916. pp. 135-139.

Lepastrea purpurea

- Edmondson, C. H. 1933. B.P.B.M. Occ. Paper 10(5):1-23.

## Family Pocilloporidae

Pocillopora cespitosa Dana

- Banner, A. H. 1968. HIMB Technical report No. 15.  
 Castro, P. 1966. MSc thesis. University of Hawaii.  
 MacKaye, A. L. 1915. Hawaiian almanac and annual for 1916. pp. 135-139.

Pocillopora damicornis (Linnaeus)

- Barry, C. K. 1965. MSc thesis. University of Hawaii.  
 Edmondson, C. H. 1946. B.P.B.M. Occ. Paper 18(19):283-304.  
 Galtsoff, P. 1933. B.P.B.M. Bull. 107:1-49.  
 Nishimoto, R. T. 1967. Student report.  
 Wainwright, S. A. 1963. Quart. J. Micro. Sci. 104(2):169-183.

Pocillopora lingulata Dana

- Banner, A. H. 1968. HIMB Technical report No. 15.  
 Barry, C. K. 1965. MSc thesis. University of Hawaii.  
 Castro, P. 1966. MSc thesis. University of Hawaii.  
 Galtsoff, P. 1933. B.P.B.M. Bull. 107:1-49.  
 MacKaye, A. L. 1915. Hawaiian almanac and annual for 1916. pp. 135-139.

Pocillopora meandrina Dana

- Banner, A. H. 1968. HIMB Technical report No. 15.  
 Castro, P. 1966. MSc thesis. University of Hawaii.  
 MacKaye, A. L. 1915. Hawaiian almanac and annual for 1916. pp. 135-139.  
 Young, S. D. 1969. PhD thesis. University of California, Los Angeles.

Pocillopora meandrina var nobilis Verrill

- Barry, C. K. 1965. MSc thesis. University of Hawaii.  
 Castro, P. 1966. MSc thesis. University of Hawaii.  
 Edmondson, C. H. 1929. B.P.B.M. Bull. 58. 38 pp.  
 Taylor, L. 1964. Student report-Zoology 699.

## Family Poritidae

Porites compressa Dana

- Banner, A. H. 1968. HIMB Technical report No. 15.  
 Barry, C. K. 1965. MSc thesis. University of Hawaii.  
 Baxter, J. W. 1963. Student report-Marine Ecology 620.  
 Edmondson, C. H. 1933. B.P.B.M. Special publ. no. 22.  
 MacKaye, A. L. 1915. Hawaiian almanac and annual for 1916. pp. 135-139.  
 Nishimoto, R. T. 1967. Student report.  
 Shuop, J. B. and D. S. Hassard. 1963. Student report-Marine Ecology 620.  
 Tun, P. and E. Lan. 1963. Student report-Zoology 620.  
 Wainwright, S. A. 1963. Quart. J. Micro. Sci. 104(2):169-183. HIMB Contribution No. 187.  
 Yamazato, K. 1966. PhD thesis. University of Hawaii.

Porites compressa forma abacus Vaughan

Vaughan, W. T. 1907. Smithsonian Institution U. S. Nat. Mus. Bull. 59.

Porites compressa forma elongata Dana

Vaughan, W. T. 1907. Smithsonian Institution U. S. Nat. Mus. Bull. 59.

Porites compressa forma granimurata Vaughan

Vaughan, W. T. 1907. Smithsonian Institution U. S. Nat. Mus. Bull. 59.

Porites compressa forma tumida Vaughan

Vaughan, W. T. 1907. Smithsonian Institution U. S. Nat. Mus. Bull. 59.

Tomlinson, J. T. 1969. U. S. Nat. Mus. Bull. No. 296. 162 pp.

Porites duerdeni Vaughan

MacKaye, A. L. 1915. Hawaiian almanac and annual for 1916. pp. 135-139.

Vaughan, W. T. 1907. Smithsonian Institution U. S. Nat. Mus. Bull. 59.

Porites evermanni Vaughan

Banner, A. H. 1968. HIMB Technical report No. 15.

MacKaye, A. L. 1915. Hawaiian almanac and annual for 1916. pp. 135-139.

Vaughan, W. T. 1907. Smithsonian Institution U. S. Nat. Mus. Bull. 59.

Porites lobata Dana

Barry, C. K. 1965. MSc thesis. University of Hawaii.

Galtsoff, P. 1933. B.P.B.M. Bull. 107:1-49.

MacKaye, A. L. 1915. Hawaiian almanac and annual for 1916. pp. 135-139.

Nishimoto, R. T. 1967. Student report.

Porites lobata forma centralis subforma beta Vaughan

Vaughan, W. T. 1907. Smithsonian Institution U. S. Nat. Mus. Bull. 59.

Porites lobata forma centralis subforma delta Vaughan

Vaughan, W. T. 1907. Smithsonian Institution U. S. Nat. Mus. Bull. 59.

Porites lobata forma centralis subforma epsilon Vaughan

Vaughan, W. T. 1907. Smithsonian Institution U. S. Nat. Mus. Bull. 59.

Porites lobata forma centralis subforma gamma Vaughan

Vaughan, W. T. 1907. Smithsonian Institution U. S. Nat. Mus. Bull. 59.

Porites sp.

Edmondson, C. H. 1929. B.P.B.M. Bull. 58. 38 pp.

Edmondson, C. H. 1935. B.P.B.M. Occ. Paper 10(24):1-40.

Yoshida, J. and L. Kido. 1963. Student report-Zoology 620.

Lloyd, M. 1968. Biology of Molluscs, Graduate Training Program.  
U. H.

## Order Zoantharia

## Family Zoanthidae

Palythoa sp.

Banner, A. H. 1968. HIMB Technical report No. 15.

Gupta, K. C. 1967. PhD thesis. University of Hawaii.

Nishimoto, R. T. 1967. Student report.

## Miscellaneous

## Class Hydrozoa

Hydroclauthus sp.

Nishimoto, R. T. 1967. Student report.

## Class Anthozoa

Radianthus cookei (Verrill)

Banner, A. H. 1968. HIMB Technical report No. 15.

## PHYLUM CTENOPHORA

Coeloplana echinicola Tanaka

Matthews, D. C. and S. J. Townsley. 1964. Pacific Science 18(3):344-351.  
HIMB Contribution No. 208.

Coeloplana dubosequii

Matthews, D. C. and S. J. Townsley. 1964. Pacific Science 18(3):344-351.  
HIMB Contribution No. 208.

Coeloplana willeyi Abbott

Matthews, D. C. and S. J. Townsley. 1964. Pacific Science 18(3):344-351.  
HIMB Contribution No. 208.

## PHYLUM PLATYHELMINTHES

## Class Trematoda

Centrocestus formasanus (Nishigori, 1924)

Martin, W. E. 1958. J. Parasitology 44(3):305-323. HIMB Contribution  
No. 101.

Cercaria littorinalinae

Chu, G. W. T. C. 1952. Science 115(2980):151-153. HML Contribution No. 13.

Coitocaecum banneri

Martin, W. E. 1960. Pacific Science 14(4):411-415. HIMB Contribution No. 140.

Coitocaecum hawaiiensis

Martin, W. E. 1960. Pacific Science 14(4):411-415. HIMB Contribution No. 140.

Coitocaecum norae

Martin, W. E. 1960. Pacific Science 14(4):411-415. HIMB Contribution No. 140.

Haplorchis taichui (Nishigori, 1924)

Martin, W. E. 1958. J. Parasitology 44(3):305-323. HIMB Contribution No. 101.

Haplorchis yokogawai (Katsuta, 1932)

Martin, W. E. 1958. J. Parasitology 44(3):305-323. HIMB Contribution No. 101.

Paracardicola hawaiiensis n. gen., n. sp.

Martin, W. E. 1960. J. Parasitology 46(5):648-650. HIMB Contribution No. 127.

Opecoelus lanceolatus

Martin, W. E. 1960. Pacific Science 14(4):411-415. HIMB Contribution No. 140.

Pseudopecoelus tenuoides

Martin, W. E. 1960. Pacific Science 14(4):411-415. HIMB Contribution No. 140.

Stellantchasmus falcatus Onji and Nishio, 1924.

Martin, W. E. 1958. J. Parasitology 44(3):305-323. HIMB Contribution No. 101.

Trigoncryptus conus n. gen., n. sp.

Martin, W. E. 1958. Pacific Science 12(3):251-254. HIMB Contribution No. 107.

## PHYLUM NEMATHELMINTHES

## Class Chaetognatha

Sagitta enflata Grassi

Piyakarnchanat, T. 1965. PhD thesis. University of Hawaii.  
 Silthornvisudh, K. 1965. Student report-Marine Ecology 620.  
 Sudara, S. 1965. Student report-Marine Ecology 620.

Sagitta serratodentata Krohn

Piyakarnchanat, T. 1965. PhD thesis. University of Hawaii.

Sagitta sp.

Taylor, L. and D. M. Davany. 1963. Student report-Zoology 620.

## PHYLUM BRYOZOA

Aetea truncata (Landsborough)

Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers 14(14).

Ingram, W. M. 1937. MSc thesis. University of Hawaii.

Soule, D. F. and J. D. Soule. 1968. Bull. S. Calif. Acad. Sci. 67(4):  
203-218.

Amanthia distans

Soule, D. F. and J. D. Soule. 1968. Bull. S. Calif. Acad. Sci. 67(4):  
203-218.

Amanthia sp.

Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers 14(14).

Ingram, W. M. 1937. MSc thesis. University of Hawaii.

Barentsia gracilis

Soule, D. F. and J. D. Soule. 1968. Bull. S. Calif. Acad. Sci. 67(4):  
203-218.

Bowerbankia gracilis

Soule, D. F. and J. D. Soule. 1968. Bull. S. Calif. Acad. Sci. 67(4):  
203-218.

Bowerbankia sp.

Soule, D. F. and J. D. Soule. 1968. Bull. S. Calif. Acad. Sci. 67(4):  
203-218.

Bugula californica

Soule, D. F. and J. D. Soule. 1968. Bull. S. Calif. Acad. Sci. 67(4):  
203-218.

Bugula neritina (Linnaeus)

Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers 14(14).

Ingram, W. M. 1937. MSc thesis. University of Hawaii.

Soule, D. F. and J. D. Soule. 1968. Bull. S. Calif. Acad. Sci. 67(4):  
203-218.

Catenaria lafonti (Audouin)

Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers 14(14).

Ingram, W. M. 1937. MSc thesis. University of Hawaii.

Hippopodina feegeensis

Papagni, D. 1966. Student report-Marine Ecology 620.

Preston, E. 1966. Student report-Marine Ecology 620.

Soule, D. F. and J. D. Soule. 1968. Bull. S. Calif. Acad. Sci. 67(4): 203-218.

Rhynchozoan nudum Canu and Bassler

Canu, F. and R. S. Bassler. 1927. Bull. Soc. des Sci. Nat. de Siene et Oise ser. 2. Fasc. 8:56 p.

Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers 14(14).

Ingram, W. M. 1937. MSc thesis. University of Hawaii.

Savignyella lafonti

Soule, D. F. and J. D. Soule. 1968. Bull. S. Calif. Acad. Sci. 67(4): 203-218.

Scrupocellaria sinuosa

Soule, D. F. and J. D. Soule. 1968. Bull. S. Calif. Acad. Sci. 67(4): 203-218.

Schizoporella crassomuralis nov. sp.

Canu, F. and R. S. Bassler. 1927. Bull. Soc. des Sci. Nat. de Siene et Oise ser. 2. Fasc. 8:56 p.

Schizoporella unicornis (Johnston)

Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers 14(14).

Ingram, W. M. 1937. MSc thesis. University of Hawaii.

Papagni, D. 1966. Student report-Marine Ecology 620.

Preston, E. 1966. Student report-Marine Ecology 620.

Soule, D. F. and J. D. Soule. 1968. Bull. S. Calif. Acad. Sci. 67(4): 203-218.

Zobotryon pelluciclus Ehrenberg

Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers 14(14).

Zobotryon verticillatum (= Z. pellucidus)

Soule, D. F. and J. D. Soule. 1968. Bull. S. Calif. Acad. Sci. 67(4): 203-218.

## PHYLUM BRACHIOPODA

Lingula reevi (Davidson)

Banner, A. H. 1968. HIMB Technical report No. 15.

Nakamoto, R. 1966. Student report-Zoology 620.

Oyama, S. 1964. MSc thesis. University of Hawaii.

Townsley, S. J., Reid, D. F. and W. T. Ego. 1959-1960. HML Annual report, 1959-1960.

Kruschwitz, L. G. 1966. Student report-Marine Ecology 620.

Worchester, W. S. 1969. MSc thesis. University of Hawaii. 49 pp.

Lingula unguis (Linne)

Oyama, S. 1964. MSc thesis. University of Hawaii.



## PHYLUM GEPHYREA

## Class Sipunculoidea

Sipunculus sp.

Banner, A. H. 1968. HIMB Technical report No. 15.

## PHYLUM ECHINODERMATA

## Class Crinoidea

## Order Comatulida

## Family Eudiocrinidae

Decametrocrinus rugosus n. sp.

Clark, A. H. 1908. U. S. Nat. Mus. 34:209-239.

## Class Asteroidea

## Order Phanerozonia

## Family Astropectinidae

Astropecten polycanthus

Fisher, W. K. 1906. U. S. Fish Comm. Bull. (3):987-1130.

## Family Goniasteridae

Tosia micropelta

Fisher, W. K. 1906. U. S. Fish Comm. Bull. (3):987-1130.

## Family Luidiidae

Ludia hystrix

Fisher, W. K. 1906. U. S. Fish Comm. Bull. (3):987-1130.

## Family Ophidiasteridae

Leiaster callipeplus

Fisher, W. K. 1906. U. S. Fish Comm. Bull. (3):987-1130.

Linckia diplax

Edmondson, C. H. 1935-36. B.P.B.M. Occ. Paper 11(8):1-20.

Linckia guildingii Gray

Edmondson, C. H. 1933. B.P.B.M. Special publ. no. 22.

Ely, C. A. 1942. B.P.B.M. Bull. 176. 63 pp.

Linckia multiflora (Lamarck)

Davis, L. V. 1967. Veliger 9(3):343-346. HIMB Contribution No. 255.

Edmondson, C. H. 1933. B.P.B.M. Special publ. no. 22.

- Edmondson, C. H. 1935. B.P.B.M. Occ. Paper 10(24):1-40.  
 Edmondson, C. H. 1935-36. B.P.B.M. Occ. Paper 11(8):1-20.  
 Ely, C. A. 1942. B.P.B.M. Bull. 176. 63 pp.  
 Nishimoto, R. T. 1967. Student report.  
 Tullis, R. E. 1968. MSc thesis-plan B, Zoology. University of Hawaii.

#### Order Spinulosa

##### Family Echinasteridae

- Henricia pauperrima  
 Fisher, W. K. 1906. U. S. Fish Comm. Bull. (3):987-1130.

##### Family Mithrodiidae

- Mithrodia bradleyi  
 Fisher, W. K. 1906. U. S. Fish Comm. Bull. (3):987-1130.

##### Family Myxasteridae

- Asthenactis papyraceus  
 Fisher, W. K. 1906. U. S. Fish Comm. Bull. (3):987-1130.

#### Order Forcipulata

##### Family Brisingidae

- Brisinga fragilis  
 Fisher, W. K. 1906. U. S. Fish Comm. Bull. (3):987-1130.

##### Family Asteriidae

- Coscinasterias acutispina Stimpson  
 Edmondson, C. H. 1933. B.P.B.M. Special publ. no. 22.  
 Edmondson, C. H. 1935-36. B.P.B.M. Occ. Paper 11(8):1-20.  
 Takayasu, J. M. 1964. Student report-Zoology 620.

#### Class Ophiuroidea

##### Order Gnathophiurida

##### Family Amphiuridae

- Ophiactis modesta Brock  
 Clark, A. H. 1949. B.P.B.M. Bull. 195.  
 Ely, C. A. 1942. B.P.B.M. Bull. 176. 63 pp.

- Ophiactis savignyi (Muller and Troschel)  
 Clark, A. H. 1949. B.P.B.M. Bull. 195.  
 Edmondson, C. H. 1933. B.P.B.M. Special publ. no. 22.  
 Ely, C. A. 1942. B.P.B.M. Bull. 176. 63 pp.  
 MacKaye, D. C. G. 1945. Ecology 26:205-207.

Ophiactis savignii or Ophiocoma insularia

Takayseu, J. M. 1964. Student report-Zoology 620.

## Order Chilophiurida

## Family Ophiocomidae

Ophiocoma pica Muller and Troschel

Devaney, D. M. 1968. PhD thesis. University of Hawaii.

## Class Echinoidea

## Order Diadematoida

## Family Centrechinidae

Echinothrix calimaris

Hinegardner, R. T. 1961. PhD thesis. University of Hawaii.

Echinothrix diadema

Castro, P. 1966. MSc thesis. University of Hawaii.

Gupta, K. C. 1967. PhD thesis. University of Hawaii.

Hinegardner, R. T. 1961. PhD thesis. University of Hawaii.

Leggett, J. D. 1964. Student report-Zoology 606.

Matthews, D. C. and S. J. Townsley. 1964. Pacific Science 18(3):  
344-351. HIMB Contribution No. 208.

## Family Diadematidae

Diadema paucispinum

Hinegardner, R. T. 1961. PhD thesis. University of Hawaii.

Diadema sp.

Nishimoto, R. T. 1967. Student report. University of Hawaii.

## Family Echinidae

Lytechinus verruculatus (Lutken)

Edmondson, C. H. 1933. B.P.B.M. Special publ. no. 22.

Tripneustes gratilla (Linnaeus)

Alender, C. B. 1964. PhD thesis. University of Hawaii.

Alender, C. B., Feigen, G. A. and J. T. Tomita. 1965. Toxicon 3:9-17.  
HIMB Contribution No. 228.

Hinegardner, R. T. 1961. PhD thesis. University of Hawaii.

Nishimoto, R. T. 1967. Student report.

Tripneustes pileolus

Matthews, D. C. and S. J. Townsley. 1964. Pacific Science 18(3):  
344-351. HIMB Contribution No. 208.

## Family Stronglycentrotidae

Pseudobdettia indiana (Michelin)

Edmondson, C. H. 1933. B.P.B.M. Special publ. no. 22.

Hinegardner, R. T. 1961. PhD thesis. University of Hawaii.

## Family Echinometridae

Colobocentrotus (Podaphora) atratus

Hinegardner, R. T. 1961. PhD thesis. University of Hawaii.

Echinometra mathaei

Hinegardner, R. T. 1961. PhD thesis. University of Hawaii.

Echinometra mathaei oblongata

Hinegardner, R. T. 1961. PhD thesis. University of Hawaii.

Heterocentrotus mammillatus

Hinegardner, R. T. 1961. PhD thesis. University of Hawaii.

Matthews, D. C. and S. J. Townsley. 1964. Pacific Science 18(4):  
344-351. HIMB Contribution No. 208.

## Order Exocycloida

## Family Echinoneidae

Echinoneus cyclostomus Leske

Edmondson, C. H. 1933. B.P.B.M. Special publ. no. 22.

## Class Holothuroidea

## Order Actinopoda

## Family Holothuridae

Actinopyga parvula (Sel.)

Clark, H. L. 1925. B.P.B.M. Bull. 27:89-111.

Holothuria arenicola Semper

Clark, H. L. 1925. B.P.B.M. Bull. 27:89-111.

Holothuria atra Jager

Banner, A. H. 1968. HIMB Technical report No. 15.

Needham, R. L. MSc thesis-plan B, Zoology. University of Hawaii.

Nishimoto, R. T. 1967. Student report.

Wass, R. C. 1966. Student report-Zoology 620.

Holothuria cinerascens (Brandt)

Clark, H. L. 1925. B.P.B.M. Bull. 27:89-111.

Holothuria edulis Lesson

Edmondson, C. H. 1933. B.P.B.M. Special publ. no. 22.

Nishimoto, R. T. 1967. Student report.

Holothuria fuscorubra Theel

Clark, H. L. 1925. B.P.B.M. Bull. 27:89-111.

## Order Paractinopoda

Scotodeima vitreum n. sp.

Fisher, W. K. 1907. Proc. U. S. Nat. Mus. 32:637-744.

## Family Synaptidae

Ophiodesoma spectabilis Fisher

Banner, A. H. 1968. HIMB Technical report No. 15.

Berrill, M. 1965. Student report-Zoology 606.

Berrill, M. 1965. MSc thesis. University of Hawaii.

Berrill, M. 1966. Can. J. Zoology 44:457-482. HIMB Contribution No. 240.

Bryan, W. A. 1915. Natural History of Hawaii. publ. Hawaiian Gazette, Honolulu.

Christofferson, J. P. 1966. Student report-Zoology 699.

Edmondson, C. H. 1933. B.P.B.M. Special publ. no. 22.

Freeman, P. J. 1966. Pacific Science 20(1):60-69. HIMB Contribution No. 237.

MacCaughey, V. 1918. American Naturalist 52:409-438.

MacDougall, B. E. 1963. Student report-Marine Ecology 620.

Nishimoto, R. T. 1967. Student report.

Yeo, C. K. 1963. Student report-Marine Ecology 620.

## PHYLUM ANNELIDA

## Class Chaetopoda

## Order Polychaeta

## Family Amphinomidae

Eurythoe pacifica Kinberg

Banner, A. H. 1968. HIMB Technical report No. 15.

Phercardia striata

Hartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.

## Family Aphroditidae

Aphrodite sp.

Nishimoto, R. T. 1967. Student report.

## Family Arabellidae

Arabella iricolor (Montagu) 1804

Hartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.

## Family Arenicolidae

Arenicola brasiliensis Nonata, 1958Hartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.Arenicola sp.

Edmondson, C. H. 1933. B.P.B.M. Special publ. no. 22.

## Family Capitellidae

Notomastus (Clistimastus) anocultus Hartman-Schroder, 1965Hartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.

## Family Chaetopteridae

Chaetopterus variopedatusJohnson, F. H. 1959. J. Cell. and Comp. Physiol. 53(2):259-278.

HIMB Contribution No. 114.

Shoup, J. B. 1963. Student report-Zoology 620.

Shoup, J. B. and D. S. Hassard. 1963. Student report-Marine Ecology 620.

Mesochaetopterus minutus Potts, 1914Hartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.

## Family Cirratulidae

Cirriformis punctata (Grube, 1858)Hartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.

## Family Dorvilleidae

Dorvillea monilocerasHartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.

## Family Eunicidae

Marphysa sanguinea (Montagu) 1815Hartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.Nematobereis unicornis Schmarda, 1861Hartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.

## Family Hesionidae

Hesione pacificaHartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.

## Family Leodocidae

Lysidice collarisHartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.

## Family Lumbrineridae

Lumbrineris dentata Hartman-Schroder, 1965  
Hartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.

## Family Nereidae

Ceratonereis mirabilis  
Hartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.

Neanthes caudata (della Chiaje, 1828)  
Hartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.

Perinereis helleri Grube, 1878  
Hartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.  
Holly, M. 1935. B.P.B.M. Bull. 129.

Perinereis sp. Hartman-Schroder, 1965  
Hartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.

Platynereis abnormis (Horst, 1924)  
Hartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.

Platynereis massiliensis (Moquin-Tandon, 1869)  
Hartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.

Platynereis pestai n. sp.  
Holly, M. 1935. B.P.B.M. Bull. 129.

## Family Polynoidae

Iphione muricata  
Hartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.

## Family Sabellidae

Sabella sp.  
Nishimoto, R. T. 1967. Student report.

## Family Serpulidae

Hydroides lunulifera (Claparede)  
Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers 14(14).  
Ingram, W. M. 1937. MSc thesis. University of Hawaii.  
Preston, E. 1966. Student report-Marine Ecology 620.  
Papagni, D. 1966. Student report-Marine Ecology 620.

Hydroides norvegica Gunnerus  
Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers 14(14).  
Ingram, W. M. 1937. MSc thesis. University of Hawaii.  
Preston, E. 1966. Student report-Marine Ecology 620.  
Papagni, D. 1966. Student report-Marine Ecology 620.

Salmacina dysteri Huxley

Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers 14(14).

Spirobranchus giganteus (Pallas, 1776)

Hartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.

Spirorbis sp.

Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers 14(14).

Preston, E. 1966. Student report-Marine Ecology 620.

Papagni, D. 1966. Student report-Marine Ecology 620.

Reese, E. S. 1969. American Zoologist 9(2):343-355. HIMB Contribution No. 326.

## Family Syllidae

Anaitides parva Hartman-Schroder, 1965

Hartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.

Brachiosyllis uncinigera Hartman-Schroder, 1960

Hartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.

Eunice sp.

Hartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.

Haplosyllis spongicola (Grube, 1855)

Hartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.

Langerhansia cornuta (Rathke, 1843)

Hartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.

Myrianida crassicirrata Hartman-Schroder, 1965

Hartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.

Sphaerosyllis capensis serrata Hartman-Schroder, 1965

Hartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.

Typosyllis hyalina (Grube, 1963)

Hartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.

Typosyllis microoculata Hartman-Schroder, 1965

Hartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.

## Family Terebellidae

Nicolea sp.

Hartman, O. 1966. B.P.B.M. Occ. Papers 23(11):163-252.

Polycirrus sp.

Johnson, F. H. and M. M. Johnson. 1959. J. Cell. and Comp. Physiol. 53(2):179-186. HIMB Contribution No. 115.



## Miscellaneous

## Class Polychaeta

Scoelelepus sp.

Walsh, G. E. 1967. AAAS publ. No. 83:420-431. HIMB Contribution No. 203.

## PHYLUM MOLLUSCA

## Class Gastropoda

## Order Prosobranchia

## Family Achatinidae

Achatina fulica Bauditch

Jones, R. S. 1964. Student report-Zoology 606.

Kojima, E. S. 1965. MSc thesis. University of Hawaii.

Martin, W. E., D. M. Stewart, and F. M. Harrison. 1965. J. Exp. Biol. 42:99-123. HIMB Contribution No. 210.

## Family Buccinidae

Pisania tritonidea (Reeve)

Barry, C. K. 1965. MSc thesis. University of Hawaii.

## Family Calyptraeidae

Crucibulum spinosum (Sowerby)

Ulbrick, M. L. 1970. Biology of Molluscs. HIMB Technical report No. 18.

Ulbrick, M. L. 1969. Proc. Malac. Soc. Lond. 38:431-438. HIMB Contribution No. 331.

Crepidula aculeata Gmelin

Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers 14(14).

Crepidula patula (Ranzani)

Ingram, W. M. 1937. MSc thesis. University of Hawaii.

## Family Columbellidae

Columbella scabra Linnaeus

Ingram, W. M. 1937. MSc thesis. University of Hawaii.

## Family Conidae

Conus leopardus

Kohn, A. J. 1961. Pacific Science 15(2):163-179. HIMB Contribution No. 148.

Conus quercinus

Doty, M. S. 1961. Pacific Science 15(4):547-552.

Kohn, A. J. 1959. Ecological monographs 29(1):47-90.

Kohn, A. J. 1961. Pacific Science 15(2):163-179. HIMB Contribution No. 148.

## Family Coralliophilidae

Rhizochilus madreporarum (Sowerby)

Barry, C. K. 1965. MSc thesis. University of Hawaii.

## Family Cymatiidae

Bursa granularis (Roding, 1789)

Houbrick, J. R. and V. Fretter. 1969. Proc. Malac. Soc. Lond. 38: 415-429. HIMB Contribution No. 333.

Cymatium nicobaricum (Roding, 1789)

Houbrick, J. R. and V. Fretter. 1969. Proc. Malac. Soc. Lond. 38: 415-429. HIMB Contribution No. 333.

Cymatium pileare (Linnaeus, 1758)

Houbrick, J. R. and V. Fretter. 1969. Proc. Malac. Soc. Lond. 38: 415-429. HIMB Contribution No. 333.

## Family Cypraeidae

Cyprae caputserpentis Linnaeus

Ingram, W. M. 1947. B.P.B.M. Occ. Papers 19(1):1-23.

Cyprae isabella Linnaeus

Ingram, W. M. 1947. B.P.B.M. Occ. Papers 19(1):1-23.

Cyprae lynx Linnaeus

Ingram, W. M. 1947. B.P.B.M. Occ. Papers 19(1):1-23.

Cyprae madagascariensis Gmelin

Ingram, W. M. 1939. B.P.B.M. Occ. Papers 14(19):327-333.

Cyprae moneta Linnaeus

Ingram, W. M. 1947. B.P.B.M. Occ. Papers 19(1):1-23.

Cyprae ostergaardi Dall

Ingram, W. M. 1939. B.P.B.M. Occ. Papers 14(19):327-333.

Cyprae reticulata Martyn

Ingram, W. M. 1947. B.P.B.M. Occ. Papers 19(1):1-23.

Cyprae tesellata Swainson

Ingram, W. M. 1939. B.P.B.M. Occ. Papers 14(19):327-333.

## Family Doliidae

Tonna perdix (Linnaeus)

Ostergaard, J. M. 1950. Pacific Science 4(2):75-115. HML Contribution No. 2.

## Family Epitoniidae

Epitonium costalum (?) Sowerby

Guinther, E. 1970. Biology of Molluscs. HIMB Technical report No. 18.

Epitonium fucatum Pease

Guinther, E. 1970. Biology of Molluscs. HIMB Technical report No. 18.

Epitonium ulu Pilsbry

Bosch, H. F. 1965. Pacific Science 19(2):267-268. HML Contribution No. 221.

Guinther, E. 1970. Biology of Molluscs. HIMB Technical report No. 18.

## Family Fasciolaridae

Peristerina chlorostoma Sowerby

Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers 14(14).

## Family Haliotidae

Haliotis corrugata

Annual Report, 1968-69. Dept. Land and Natural Resources, State of Hawaii.

Haliotis fulgens

Annual Report, 1968-69. Dept. Land and Natural Resources, State of Hawaii.

## Family Hipponicidae

Hipponyx pilosus imbricatus Gould

Ingram, W. M. 1937. MSc thesis. University of Hawaii.

Hipponyx sp.

Cass, P. H. 1967. MSc thesis. University of Hawaii.

## Family Littorinidae

Littorina sp.

Whipple, J. A. 1966. PhD thesis. University of Hawaii.

Littorina picta marmorata

Whipple, J. A. 1966. PhD thesis. University of Hawaii.

Littorina picta

Whipple, J. A. 1966. PhD thesis. University of Hawaii.

Littorina pintado Wood

Chu, G. W. T. C. 1952. Science 115(2980):151-153. HML Contribution No. 13.

Whipple, J. A. 1966. PhD thesis. University of Hawaii.

Littorina scabra Linnaeus

Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers 14(14).

Ingram, W. M. 1937. MSc thesis. University of Hawaii.

Key, G. S. 1969b. Student report-Marine Ecology.

Maginniss, L. A. 1969. Student report-Marine Ecology.

Walsh, G. E. 1967. AAAS publ. no. 83:420-431. HIMB Contribution No. 203.

Whipple, J. A. 1966. PhD thesis. University of Hawaii.

Webber, H. H. 1968. Biology of Molluscs. Graduate Training Program. U. H.

## Family Melanellidae

Melanella aciculata Pease

Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers 14(14).

Ingram, W. M. 1937. MSc thesis. University of Hawaii.

Melanella letsonae n. sp.

Pilsbry, H. A. 1917. Proc. Nat. Sci. Phil. 69:309-333.

Menanella lunata n. sp.

Pilsbry, H. A. 1917. Proc. Nat. Sci. Phil. 69:309-333.

Stylifer linckiae Sarasin

Davis, L. V. 1967. Veliger 9(3):343-346. HIMB Contribution No. 255.

Tullis, R. E. 1968. MSc thesis, plan B, Zoology. University of Hawaii.

Subularia delicata n. sp.

Pilsbry, H. A. 1917. Proc. Nat. Sci. Phil. 69:309-333.

## Family Melaniidae

Melania indefinita

Walsh, G. E. 1967. AAAS publ. no. 83:420-431. HIMB Contribution No. 203.

Stenomelania newcombi Lea

Martin, W. E. 1958. J. Parasitology 44(3):305-323. HIMB Contribution No. 101.

Tarebia granifera Lamarck

Martin, W. E. 1958. J. Parasitology 44(3):305-323. HIMB Contribution No. 101.

## Family Pyramidellidae

Odostomia (Nesiodostomia) prima n. sp.

Pilsbry, H. A. 1917. Proc. Nat. Sci. Phil. 69:309-333.

Odostomia (Nesiodostomia) secunda n. sp.  
Pilsbry, H. A. 1917. Proc. Nat. Sci. Phil. 69:309-333.

Family Mitridae

Mitra litterata Lamarck  
Banner, A. H. 1968. HIMB Technical report No. 15.

Family Naticidae

Natica macrochiensis  
Miller, B. 1968. Biology of Molluscs. Graduate Training Program.  
U. H.

Family Neritidae

Nerita picea  
Reese, E. S. 1969. American Zoologist 9(2):343-355. HIMB Contribution  
No. 326.

Webber, H. H. 1968. Biology of Molluscs. Graduate Training Program.  
U. H.

Neritina tahitiensis  
Walsh, G. E. 1967. AAAS publ. no. 83: 420-431. HIMB Contribution  
No. 203.

Family Strombidae

Strombus ostergaardii Pilsbry  
Ostergaard, J. M. 1928. B.P.B.M. Bull. 51.

Family Terebridae

Terebra gouldii Deshayes  
Miller, B. 1970. Biology of Molluscs. HIMB Technical report No. 18.

Terebra lauta Psc.  
Pilsbry, H. A. 1917. Proc. Acad. Nat. Sci. Phil. 72:296-328.

Terebra nodularis Desh.  
Pilsbry, H. A. 1917. Proc. Acad. Nat. Sci. Phil. 72:296-328.

Family Triforidae

Triforis incisus Pease  
Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers 14(14).  
Ingram, W. M. 1937. MSc thesis. University of Hawaii.

Family Trochidae

Trochus niloticus  
State of Hawaii, Dept. Land and Nat. Res. Annual Report for 1968-69.

Trochus sandwichensis

Papagni, D. 1967. MSc thesis-plan B, Zoology. University of Hawaii.

## Family Turbinidae

Turbo intercostalis

Papagni, D. 1967. MSc thesis-plan B, Zoology. University of Hawaii.

## Family Vermetidae

Dendropoma sp.

Kay, E. A. 1970. Biology of Molluscs. HIMB Technical report No. 18.

Dendropoma platypus Morch

Kay, E. A. 1970. Biology of Molluscs. HIMB Technical report No. 18.

Serpulorbis sp.

Kay, E. A. 1970. Biology of Molluscs. HIMB Technical report No. 18.

Vermetus sp.

Kay, E. A. 1970. Biology of Molluscs. HIMB Technical report No. 18.

## Order Opisthobranchia

## Sub-Order Ascoglossa

## Family Placobranchidae

Placobranchus sp.

Berrill, M. 1964. Student report-Zoology 606.

Placobranchus ianthobapus Gould

Ostergaard, J. M. 1955. Pacific Science 9:110-136. HIMB Contribution No. 55.

## Sub-Order Tectibranchia

## Family Aplysiidae

Aplysia

Berrill, M. 1964. Student report-Zoology 606.

Aplysia pulmonica

Watson, M. 1969. PhD thesis. University of Hawaii. 241 pp.

## Family Bullariidae

Bulla sp.

Banner, A. H. 1968. HIMB Technical report No. 15.

## Family Hydatinidae

Hydatina amplustra Linnaeus

Banner, A. H. 1968. HIMB Technical report No. 15.

## Family Pleurobranchidae

Pleurobranchus sp.

Ostergaard, J. M. 1950. Pacific Science 4(2):75-115.

## Family Scaphandridae

Atys semistriata Pease

Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers 14(14).

Ingram, W. M. 1937. MSc thesis. University of Hawaii.

## Order Pulmonata

## Family Auriculidae

Melampus parvulus

Walsh, G. E. 1967. AAAS publ. no. 83:420-431. HIMB Contribution No. 203.

## Miscellaneous

Cellana exarata

Rogers, R. G. 1967. MSc thesis. University of Hawaii.

Mucronalia nitidula Pease, 1860

Hoskin, G. P. 1968. MSc thesis. University of Hawaii.

## Class Pelecypoda

## Order Taxodonta

## Family Arcidae

Arca parva Sowerby

Ingram, W. M. 1937. MSc thesis. University of Hawaii.

Barbatia (Arbarbatia) oahua n. sp.

Dall, W. H., Bartsch, P. and H. A. Rehder. 1938. B.P.B.M. Bull. 153.

## Order Dysodonta

## Family Cancroidae

Mercenaria mercenaria

Annual Report, 1967-68. Dept. Land and Natural Resources, State of Hawaii.

## Family Isognomonidae

Isognomon (Melina) costellatum Conrad

Dall, W. H., P. Bartsch, and H. A. Rehder. 1938. B.P.B.M. Bull. 153.

Isognomon (Melina) torvum Gould

Dall, W. H., P. Bartsch, and H. A. Rehder. 1938. B.P.B.M. Bull. 153.

## Family Limidae

Lima keohea n. sp.

Dall, W. H., P. Bartsch, and H. A. Rehder. 1938. B.P.B.M. Bull. 153.

## Family Mytilidae

Brachidontes crebistriatus Conrad

Dall, W. H., P. Bartsch, and H. A. Rehder. 1938. B.P.B.M. Bull. 153.

Modiolaria sp.

Ingram, W. M. 1937. MSc thesis. University of Hawaii.

Musculus oahuus Dall, Bartsch, Rehder

Edmondson, C. H. 1933. B.P.B.M. Special publ. no. 22.

Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers 14(14).

Mytilus crebristriatus Conrad

Pilsbry, H. A. 1917. Proc. Acad. Nat. Sci. Phil. 72:296-328.

## Family Ostreidae

Crassostrea gigas (Thunberg)

Banner, A. H. 1968. HIMB Technical report No. 15.

Corn, C. A. 1969. Report to Dr. G. Murphy, Chairman, Oceanography Dept. U. H.

Corn, C. A. 1967. Report to Dr. G. Murphy, Chairman, Oceanography Dept. U. H.

Crassostrea thannumi

Preston, E. 1966. Student report-Marine Ecology 620.

Papagni, D. 1966. Student report-Marine Ecology 620.

Crassostrea virginica

Matthews, D. C. 1953. Trans. Microscopical Soc. LXXII:344. HML Contribution No. 33.

Corn, C. 1967. Report to Dr. G. Murphy, Chairman, Oceanography Dept. U. H.

Ostrea cucullata

Edmondson, C. H. and I. H. Wilson. 1940. Proc. 6th Pacific Science Congress 3:241-243.

Ostrea gigas

Edmondson, C. H. and I. H. Wilson. 1940. Proc. 6th Pacific Science Congress 3:241-243.

Ostrea hanleyana Sowerby

Pilsbry, H. A. 1917. Proc. Nat. Sci. Phil. 69:309-333.

Ostrea sandvicensis Sowerby

Banner, A. H. 1968. HIMB Technical report No. 15.

Corn, C. 1967. Report to Dr. G. Murphy, Chairman, Oceanography Dept. U. H.



Ostrea thaanumi n. sp.

- Dall, W. H., P. Bartsch, H. A. Rehder. 1938. B.P.B.M. Bull. 153.  
 Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers 14(14).  
 Ingram, W. M. 1937. MSc thesis. University of Hawaii.  
 Corn, C. 1967. Report to Dr. G. Murphy, Chairman, Oceanography Dept.  
 U. H.

## Family Pectinidae

Chlamys cookei n. sp.

- Dall, W. H., P. Bartsch, and H. A. Rehder. 1938. B.P.B.M. Bull. 153.

## Family Pteriidae

Pinctada galtsoffi Bartsch

- Dall, W. H., P. Bartsch, and H. A. Rehder. 1938. B.P.B.M. Bull. 153.  
 Edmondson, C. H. 1933. B.P.B.M. Special publ. no. 22.

Pinctada nebulosa

- Banner, A. H. 1968. HIMB Technical report No. 15.  
 Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers 14(14).  
 Dall, W. H., P. Bartsch, and H. A. Rehder. 1938. B.P.B.M. Bull. 153.

Pteria nebulosa Conrad

- Ingram, W. M. 1937. MSc thesis. University of Hawaii.

## Family Veneridae

Cytherea sp.

- Edmondson, C. H. and I. H. Wilson. 1940. Proc. 6th Pacific Science  
 Congress 3:241-243.

Lioconcha hieroglyphica (Conrad)

- Banner, A. H. 1968. HIMB Technical report No. 15.  
 Dall, W. H., P. Bartsch, and H. A. Rehder. 1938. B.P.B.M. Bull. 153.

Paphia philipinarum

- Edmondson, C. H. and I. H. Wilson. 1940. Proc. 6th Pacific Science  
 Congress 3:241-243.

Ruditapes philippinarum (Adams and Reeve)

- Higgins, J. Student report-Marine Ecology.  
 Hollowell, C. A. 1966. Student report-Zoology 620.  
 Kruschwitz, L. G. 1966. Student report-Zoology 620.  
 Nakamoto, R. 1966. Student report-Zoology 620.  
 Banner, A. H. 1968. HIMB Technical report No. 15.  
 Higgins, J. H. 1969. MSc thesis. University of Hawaii.

Venerupis (Ruditapes) philippinarum Adams and Reeve

- State of Hawaii, Dept. Land and Nat. Res., Annual Report, 1964-66.  
 State of Hawaii, Dept. Land and Nat. Res., Annual Report, 1967-68.

## Order Heterodonta

## Family Cardiidae

Trachycardium hawiensis n. sp.

Dall, W. H., P. Bartsch, and H. A. Rehder. 1938. B.P.B.M. Bull. 153.

## Family Kelliidae

Kaneooha rosea n. sp.

Dall, W. H., P. Bartsch, and H. A. Rehder. 1938. B.P.B.M. Bull. 153.

Lasea hawaiiensis n. sp.

Dall, W. H., P. Bartsch, and H. A. Rehder. 1938. B.P.B.M. Bull. 153.

Nesobornia hawaiiensis Pilsbry

Dall, W. H., P. Bartsch, and H. A. Rehder. 1938. B.P.B.M. Bull. 153.

## Family Lucinidae

Ctena bella Conrad

Dall, W. H., P. Bartsch, and H. A. Rehder. 1938. B.P.B.M. Bull. 153.

Pillucina spaldingi Pilsbry

Dall, W. H., P. Bartsch, and H. A. Rehder. 1938. B.P.B.M. Bull. 153.

## Family Mactridae

Mactra thaanumi n. sp.

Dall, W. H., P. Bartsch, and H. A. Rehder. 1938. B.P.B.M. Bull. 153.

## Family Sportellidae

Anisodonta lutea n. sp.

Dall, W. H., P. Bartsch, and H. A. Rehder. 1938. B.P.B.M. Bull. 153.

## Family Tellinidae

Jactellina (Loxoglypta) obliquilineata Conrad

Dall, W. H., P. Bartsch, and H. A. Rehder. 1938. B.P.B.M. Bull. 153.

Quidnipagus palatam Iredale

Dall, W. H., P. Bartsch, and H. A. Rehder. 1938. B.P.B.M. Bull. 153.

Pinguitellina nucella n. sp.

Dall, W. H., P. Bartsch, and H. A. Rehder. 1938. B.P.B.M. Bull. 153.

Scissulina dispar Conrad

Dall, W. H., P. Bartsch, and H. A. Rehder. 1938. B.P.B.M. Bull. 153.

Walsh, G. E. 1967. AAAS publ. no. 83:420-431. HIMB Contribution No. 203.

## Order Desmodonta

## Family Gastrochaenidae

Rocellaria hawaiiensis n. sp.

Dall, W. H., P. Bartsch, and H. A. Rehder. 1938. B.P.B.M. Bull. 153.

Rocellaria kanaka n. sp.

Dall, W. H., P. Bartsch, and H. A. Rehder. 1938. B.P.B.M. Bull. 153.

## Family Teredidae

Teredo affinis Deshayes

Edmondson, C. H. 1940. Proc. 6th Pacific Science Congress 3:245-250.

Teredo bartschi Clapp

Edmondson, C. H. 1944. B.P.B.M. Occ. Papers 17(10):97-150.

Edmondson, C. H. 1940. Proc. 6th Pacific Science Congress 3:245-250.

Teredo diagensis Bartsch

Edmondson, C. H. 1944. B.P.B.M. Occ. Papers 17(10):97-150.

Edmondson, C. H. 1940. Proc. 6th Pacific Science Congress 3:245-250.

Teredo gregoryi Dall, Bartsch and Rehder

Edmondson, C. H. 1944. B.P.B.M. Occ. Papers 17(10):97-150.

Edmondson, C. H. 1962. B.P.B.M. Occ. Papers 23(3):45-59.

Edmondson, C. H. 1940. Proc. 6th Pacific Science Congress 3:245-250.

Teredo mediolbata

Edmondson, C. H. 1944. B.P.B.M. Occ. Papers 17(10):97-150.

Teredo millen

Edmondson, C. H. 1944. B.P.B.M. Occ. Papers 17(10):97-150.

Teredo parksi Bartsch

Edmondson, C. H. 1944. B.P.B.M. Occ. Papers 17(10):97-150.

Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers 14(14).

Ingram, W. M. 1937. MSc thesis. University of Hawaii.

Teredo trulliformis Miller

Edmondson, C. H. 1940. Proc. 6th Pacific Science Congress 3:245-250.

## Order Pseudolamellibranchiata

## Family Aviculidae

Pinna muricata

Castro, P. 1966. MSc thesis. University of Hawaii.

## Class Cephalopoda

## Order Dibranchiata

## Sub-Order Decapoda

## Family Loliginidae

Sepioteuthis lessoniana

Jander, R., K. Daumer and T. H. Waterman. 1963. Zeitschrift fur vergleichende Physiologie 46:383-394.

## Family Octopodidae

Octopus cyanea Gray

Banner, A. H. 1968. HIMB Technical report No. 15.

Van Heukelem, W. 1966. MSc thesis. University of Hawaii. 104 pp.

Yarnell, J. L. 1970. Biology of Molluscs. HIMB Technical report No. 18.

## Family Sepiolidae

Euprymna morsei

Jander, R., K. Daumer, and T. H. Waterman. 1963. Zeitschrift fur vergleichende Physiologie 46:383-394.

## Miscellaneous

Pisidium sp.

Walsh, G. E. 1967. AAAS publ. no. 83:420-431. HIMB Contribution No. 203.

## PHYLUM ARTHROPODA

## Class Crustacea

## Subclass Branchiopoda

## Order Anostraca

Artemia salina (L.)

Boroughs, H., S. J. Townsley, and W. Ego. 1958. Limnology and Oceanography 3(4):413-417. HIMB Contribution No. 102.

Townsley, S. J., D. F. Reid, and W. T. Ego. 1959-1960. HML Annual Report 1959-1960.

## Order Cladocera

Evandne sp.

Piyakarnchanat, T. 1965. PhD thesis. University of Hawaii.

## Subclass Copepoda

## Order Calanoida

Acartia sp.

Piyakarnchanat, T. 1965. PhD thesis. University of Hawaii.

Labidocera madurae A. Scott

Piyakarnchanat, T. 1965. PhD thesis. University of Hawaii.

Paracalanus parvus (Claus)

Piyakarnchanat, T. 1965. PhD thesis. University of Hawaii.

Pseudocalanus sp.

Burdick, J. E. 1969. MSc thesis. University of Hawaii.

Undinula vulgaris (Dana)

Piyakarnchanat, T. 1965. PhD thesis. University of Hawaii.

## Order Cyclopoida

Oithona sp.

Burdick, J. E. 1969. MSc thesis. University of Hawaii.

Piyakarnchanat, T. 1965. PhD thesis. University of Hawaii.

Oncaea sp.

Piyakarnchanat, T. 1965. PhD thesis. University of Hawaii.

## Subclass Cirripedia

## Order Acrothoracica

## Family Lithoglyptidae

Weltneria hirsuta (Tomlinson)

Tomlinson, J. T. 1969. U. S. Nat. Mus. Bull. No. 296. 162 pp.

## Order Thoracica

## Family Balanidae

Balanus amphitrite Darwin

Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers 14(14).

Hernandez, J. V. 1964. Student report-Marine Ecology 620.

Ingram, W. M. 1937. MSc thesis. University of Hawaii.

Papagni, D. 1966. Student report-Marine Ecology 620.

Pilsbry, H. A. 1927. Proc. Acad. Nat. Sci. Phil. 79:305-317.

Preston, E. 1966. Student report-Marine Ecology 620.

Balanus amphitrite hawaiiensis Brock

Utinomi, H. 1960. Pacific Science 14(1):43-50.

Balanus eburneus

Papagni, D. 1966. Student report-Marine Ecology 620.

Preston, E. 1966. Student report-Marine Ecology 620.

Balanus trigonus (Darwin)

Bowers, R. L. 1965. MSc thesis. University of Hawaii.

Chelonibia patula (Ranzani)

Bowers, R. L. 1965. MSc thesis. University of Hawaii.

Ingram, W. M. 1937. MSc thesis. University of Hawaii.

Pilsbry, H. A. 1927. Proc. Acad. Nat. Sci. Phil. 79:305-317.

Chelonibia testudinaria (Linnaeus)

Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers 14(14).

## Family Lepadidae

Octolasmis (Octolasmis) lavei (Darwin)

Bowers, R. L. 1965. MSc thesis. University of Hawaii.

Paralepas palinuri urae (Newman)

Bowers, R. L. 1965. MSc thesis. University of Hawaii.

Trilasmis (Temnaspis) fissum hawaiiense (Pilsbry)

Bowers, R. L. 1965. MSc thesis. University of Hawaii.

## Subclass Malacostraca

## Order Isopoda

Ionella murchisoni Danforth

Danforth, C. G. 1970. Bull. S. Calif. Acad. Sci. 69(1):27-31.

Janira algicola n. sp.

Miller, M. A. 1941. B.P.B.M. Occ. Papers 16(13):305-320.

Limnoria lignorum (Rathke)

Ingram, W. M. 1937. MSc thesis. University of Hawaii.

Walsh, G. E. 1967. AAAS publ. no. 83:420-431. HIMB Contribution No. 203.

Limnoria sp.

Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers 14(14).

Munna acarina n. sp.

Miller, M. A. 1941. B.P.B.M. Occ. Papers 16(13):305-320.

## Order Amphipoda

Caprella acutifrons Latreille

Edmondson, C. H. and G. S. Mansfield. 1948. B.P.B.M. Occ. Papers 19(10):201-218.

Colomastix pusilla Grube

Barnard, J. L. B.P.B.M. Bull. 215. 46 pp.

Elasmopus rapax Costa

Barnard, J. L. 1955. B.P.B.M. Bull. 215. 46 pp.

Erichthonius disjunctus Stout

Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers 14(14).

Lembos concavus Stout

Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers 14(14).  
Edmondson, C. H. 1946. B.P.B.M. Special publ. no. 22.

Lembos (Bemlos) intermedius Schellenberg

Barnard, J. L. 1955. B.P.B.M. Bull. 215. 46 pp.  
Johannes, R. E. 1964. Limnol. Oceanog. 9(2):224-234. HIMB Contribution No. 199.

Macrophthalmus telescopicus (Owen)

Edmondson, C. H. 1962. B.P.B.M. Occ. Papers 23(1):1-27.

Manella spinipes (deMan)

Edmondson, C. H. 1962. B.P.B.M. Occ. Papers 23(1):1-27.

Melita fresneli (Audouin)

Barnard, J. L. 1955. B.P.B.M. Bull. 215. 46 pp.

Orchestia platensis (Kroyer)

Fee, J. H. 1967. MSc thesis-plan B, Zoology. University of Hawaii.

Parhyale inyacka (K. H. Barnard)

Barnard, J. L. 1955. B.P.B.M. Bull. 215. 46 pp.

Photis hawaiiensis nov. sp.

Barnard, J. L. 1955. B.P.B.M. Bull. 215. 46 pp.

Podocerus brasiliensis (Dana)

Barnard, J. L. 1955. B.P.B.M. Bull. 215. 46 pp.

Stenothoe gallensis Walker

Barnard, J. L. 1955. B.P.B.M. Bull. 215. 46 pp.

## Order Stomatopoda

## Family Squillidae

Pseudosquilla ciliata Miers

Banner, A. H. 1968. HIMB Technical report No. 15.  
Townsend, S. J. 1953. Pacific Science 7(4):399-437. HML Contribution No. 37.

Pseudosquilla ciliata

Kinzie, R. A. III. 1968. Pacific Science 22(4):465-475. HIMB Contribution No. 312.

Pseudosquilla oculata (Brulle)

Edmondson, C. H. 1921. B.P.B.M. Occ. Papers 7(13):279-302.

Gonodactylus falcatus (Forsk.)

Banner, A. H. 1968. HIMB Technical report No. 15.

Barry, C. K. 1965. MSc thesis. University of Hawaii.

Kinzie, R. A. III. 1968. Pacific Science 22(4):465-475.

Gonodactylus glabrous Brooks

Eley, M. A. 1960. MSc thesis. University of Hawaii.

Gonodactylus maculata

Shoup, J. B. 1963. Student report-Zoology 606.

Squilla boops Kemp

Townsley, S. J. 1950. MSc thesis. University of Hawaii.

## Order Decapoda

## Sub-Order Natantia

## Tribe Penaeidae

## Family Sergestidae

Lucifer chacei

Burdick, J. E. 1969. MSc thesis. University of Hawaii.

Zimmerman, S. T. 1969. MSc thesis. University of Hawaii.

Lucifer faxonii Borradaile

Piyakarnchanat, T. 1965. PhD thesis. University of Hawaii.

Silthornvisudh, K. 1965. Student report-Marine Ecology 620.

Sudara, S. 1965. Student report-Marine Ecology 620.

Lucifer sp.

May, R. D. 1967. MSc thesis. University of Hawaii.

Taylor, L. and D. M. Devany. 1963. Student report-Zoology 620.

## Tribe Stenopidea

## Family Stenopidae

Stenopus hispidus (Olivier)

Higa, G. 1967. MSc thesis-plan B, Zoology. University of Hawaii.

Johnson, V. R. Jr. 1969. Pacific Science 23(1):40-50. HIMB Contribution No. 316.

Wiersma, C. A. G. and S. H. Ripley. 1952. Physiologia comparata et oecologia 2(4):391-405. HML Contribution No. 20.



## Tribe Caridae

## Family Cragonidae

Alpheus brevipes Stimpson

Barry, C. K. 1965. MSc thesis. University of Hawaii.

Alpheus clypeatus Coutiere

Barry, C. K. 1965. MSc thesis. University of Hawaii.

Alpheus collumianus Stimpson

Barry, C. K. 1965. MSc thesis. University of Hawaii.

Alpheus diadema Dana

Barry, C. K. 1965. MSc thesis. University of Hawaii.

Alpheus fabricus makayii

Walsh, G. E. 1967. AAAS publ. no. 83:420-431. HIMB Contribution No. 203.

Alpheus gracilis Heller

Barry, C. K. 1965. MSc thesis. University of Hawaii.

Alpheus lanceleti Coutiere-Ahoolaka

Banner, A. H. 1959. Pacific Science 13:130-155. HIMB Contribution No. 111.

Alpheus lottini Guerin

Barry, C. K. 1965. MSc thesis. University of Hawaii.

Castro, P. 1966. MSc thesis. University of Hawaii.

Alpheus paragracilis Coutiere

Barry, C. K. 1965. MSc thesis. University of Hawaii.

Alpheus platyunquiculatus (Banner)

Banner, A. H. 1959. Pacific Science 13:130-155. HIMB Contribution No. 111.

Alpheus rapax Fabricus

Banner, A. H. 1959. Pacific Science 13:130-155. HIMB Contribution No. 111.

Banner, A. H. 1968. HIMB Technical report No. 15.

Cragon crassimanus (Heller)

Banner, A. H. 1940. MSc thesis. University of Hawaii.

Cragon diadema (Dana)

Banner, A. H. 1953. Pacific Science 7(1):3-144.

Cragon deuteropus (Hilgendorf)

Banner, A. H. 1940. MSc thesis. University of Hawaii.

Banner, A. H. 1953. Pacific Science 7(1):3-144.

Crangon insignis (Heller)

Banner, A. H. 1940. MSc thesis. University of Hawaii.

Crangon pacifica (Dana)

Banner, A. H. 1940. MSc thesis. University of Hawaii.

Banner, A. H. 1953. Pacific Science 7(1):3-144.

Crangon paracrinita (Miers) var bengalensis (Coutiere)

Banner, A. H. 1953. Pacific Science 7(1):3-144.

Crangon paracyone (Coutiere)

Banner, A. H. 1953. Pacific Science 7(1):3-144.

Crangon paragracilus (Coutiere)

Banner, A. H. 1953. Pacific Science 7(1):3-144.

Crangon platyunguiculata sp. nov.

Banner, A. H. 1953. Pacific Science 7(1):3-144.

Crangon rapax (Fabricus)

Banner, A. H. 1953. Pacific Science 7(1):3-144.

Pontophilus gracilus Smith

Rathbun, M. J. 1906. U. S. Fish Comm. Bull. (3):827-930.

Synalpheus charon (Heller)

Barry, C. K. 1965. MSc thesis. University of Hawaii.

Castro, P. 1966. MSc thesis. University of Hawaii.

Synalpheus paraneomerus Coutiere

Barry, C. K. 1965. MSc thesis. University of Hawaii.

Synalpheus streptodactylus Coutiere

Barry, C. K. 1965. MSc thesis. University of Hawaii.

## Family Gnathophyllidae

Hymenocera elegans Heller

Barry, C. K. 1965. MSc thesis. University of Hawaii.

Edmondson, C. H. 1935. B.P.B.M. Occ. Paper 10(24):1-40.

Hiatt, R. W. 1948. Pacific Science 2(2):78-80.

## Family Hippolytidae

Hippolysmata grabhami

Higa, H. 1967. MSc thesis-plan B, Zoology. University of Hawaii.

Saron marmoratus (Olivier)

Barry, C. K. 1965. MSc thesis. University of Hawaii.

Kruschwitz, L. G. 1967. MSc thesis. University of Hawaii.

Saron neglectus DeMann

Barry, C. K. 1965. MSc thesis. University of Hawaii.

Spirontocaris profunda sp. nov.

Rathbun, M. J. 1906. U. S. Fish Comm. Bull. (3):827-930.

Family Lysmatidae (Processidae)

Processa paucirostis n. sp.

Edmondson, C. H. 1930. B.P.B.M. Occ. Papers 9(10):1-18.

Family Palaemonidae

Palaemonetes sp.

Walsh, G. E. 1967. AAAS publ. no. 83:420-431. HIMB Contribution No. 203.

Family Pontoniidae

Harpiliopsis depressus Stimpson

Barry, C. K. 1965. MSc thesis. University of Hawaii.

#### Sub-Order Reptantia

##### Tribe Macrura

Family Axiidae

Paraxius tridens sp. nov.

Rathbun, M. J. 1906. U. S. Fish Comm. Bull. (3):827-930.

Family Eryonidae

Polycheles snyderi n. sp.

Rathbun, M. J. 1906. U. S. Fish Comm. Bull. (3):827-930.

Family Nematocarcinidae

Nematocarcinus ensiferus (Smith)

Rathbun, M. J. 1906. U. S. Fish Comm. Bull. (3):827-930.

Nematocarcinus tenuirostris Bate

Rathbun, M. J. 1906. U. S. Fish Comm. Bull. (3):827-930.

Family Palinuridae

Panulirus japonicus (De Siebold)

Bowers, R. L. 1965. MSc thesis. University of Hawaii.

Wiersma, C. A. G. and S. H. Ripley. 1952. *Physiologia comparata et oecologia* 2(4):391-405. HML Contribution No. 20.

Panulirus pencillatus (Oliver)

Bowers, R. L. 1965. MSc thesis. University of Hawaii.

Matthews, D. C. 1951. *Pacific Science* 5(4):359-371. HML Contribution No. 10.

Wiersma, C. A. G. and S. H. Ripley. 1952. *Physiologia comparata et Oecologia* 2(4):391-405. HML Contribution No. 20.

Paribaccus hispidus (Olivier)

Wiersma, C. A. G. and S. H. Ripley. 1952. *Physiologia comparata et oecologia* 2(4):391-405. HML Contribution No. 20.

Family Pasiphaeidae

Psathyrocaris hawaiiensis sp. nov.

Rathbun, M. J. 1906. U. S. Fish Comm. Bull. (3):827-930.

Family Penaeidae

Benthesicymus investigatoris Anderson

Rathbun, M. J. 1906. U. S. Fish Comm. Bull. (3):827-930.

Haliporus equalis Bate

Rathbun, M. J. 1906. U. S. Fish Comm. Bull. (3):827-930.

Family Pontoniidae

Periclimenes bicolor n. sp.

Edmondson, C. H. 1935. B.P.B.M. Occ. Paper 10(24):1-40.

Family Scyllaridae

Scyllarides squammosus (Milne Edwards)

Wiersma, C. A. G. and S. H. Ripley. 1952. *Physiologia comparata et Oecologia* 2(4):391-405. HML Contribution No. 20.

Tribe Anomura

Family Callianassidae

Callianassa articulata sp. nov.

Rathbun, M. J. 1906. U. S. Fish Comm. Bull. (3):827-930.

Family Paguridae

Dardanus asper (DeHaan)

Wiersma, C. A. G. and S. H. Ripley. 1952. *Physiologia comparata et oecologia* 2(4):391-405. HML Contribution No. 20.

Pagurus sameulis

Reese, E. S. 1962. *Behavior* 21:78-126. HIMB Contribution No. 185.

Calcinus elegans

Niimi, A. 1963. Student report-Zoology 606.

Reese, E. S. 1969. *American Zoologist* 9(2):343-355. HIMB Contribution No. 326.

Calcinus laevimanus

Niimi, A. 1963. Student report-Zoology 606.

Papagni, D. 1967. MSc thesis-plan B, Zoology. University of Hawaii.

Reese, E. S. 1962. Animal behaviour 10(3-4):347-360.

Reese, E. S. 1962. Sonderdruck aus Zeitschrift fur Tierpsychologie Band 19, heft 6:645-651. HIMB Contribution No. 174.

Reese, E. S. 1962. Behavior 21:78-126. HIMB Contribution No. 185.

Reese, E. S. 1968. J. Exptl. Mar. Biol. Ecol. 2:308-318. HIMB Contribution No. 311.

Reese, E. S. 1969. American Zoologist 9(2):343-355. HIMB Contribution No. 326.

Calcinus latens Randall

Barry, C. K. 1965. MSc thesis. University of Hawaii.

Papagni, D. 1967. MSc thesis-plan B, Zoology. University of Hawaii.

Reese, E. S. 1968. J. Exptl. Mar. Biol. Ecol. 2:308-318. HIMB Contribution No. 311

Reese, E. S. 1969. American Zoologist 9(2):343-355. HIMB Contribution No. 326.

Calcinus seurati

Niimi, A. 1963. Student report-Zoology 606.

Reese, E. S. 1969. American Zoologist 9(2):343-355. HIMB Contribution No. 326.

Clibanarius zebra

Papagni, D. 1967. MSc thesis, plan B, Zoology. University of Hawaii.

Reese, E. S. 1968. J. Exptl. Mar. Biol. Ecol. 2:308-318. HIMB Contribution No. 311.

Reese, E. S. 1969. American Zoologist 9(2):343-355. HIMB Contribution No. 326.

## Family Porcellanidae

Pachycheles pisoides (Heller)

Barry, C. K. 1965. MSc thesis. University of Hawaii.

## Tribe Brachyura

## Family Calappidae

Calappa hepatica (Linnaeus)

Banner, A. H. 1968. HIMB Technical report No. 15.

Miller, B. 1970. Biology of Molluscs. HIMB Technical report No. 18.

Wiersma, C. A. G. and S. H. Ripley. 1952. Physiologia comparata et Oecologia 2(4):391-405. HML Contribution No. 20.

Wiersma, C. A. G. and A. Bush. 1963. Koninkl. Nederl. Akad. van Wetenschappen Amsterdam Proc. series C 66(1):13-17. HIMB Contribution No. 177.

## Family Dromiacea

Dromidiopsis dormia (L.)

Wiersma, C. A. G. and S. H. Ripely. 1952. *Physiologia Comparata et Oecologia* 2(4):391-405. HML Contribution No. 20.

## Family Hapalocarcinidae

Haplocarcinus marsupalis Stimpson

Barry, C. K. 1965. MSc thesis. University of Hawaii.

Castro, P. 1966. MSc thesis. University of Hawaii.

MacNamee, C. G. 1961. MSc thesis. University of Hawaii.

Cryptochirus minutus n. sp.

Edmondson, C. H. 1933. *B.P.B.M. Occ. Papers* 10(5):1-23.

Cryptodromiopsis tridens Borradaile

Barry, C. K. 1965. MSc thesis. University of Hawaii.

## Family Grapsidae

Grapsus grapsus

Brock, R. E. and B. Machado. 1967. Student report-Marine Ecology 620.

Johnson, G. E. 1965. MSc thesis-plan B, Zoology. University of Hawaii.

Grapsus grapsus tenuicrustatus (Herbst)

Ingram, W. M. 1937. MSc thesis. University of Hawaii.

Metapograpsus messor (Forsk.)

Brownscombe, A. K. 1966. MSc thesis. University of Hawaii.

Dykstra, W. 1967. Student report-Marine Ecology 620.

Khemka, K. C. Student report-Zoology 606.

Walsh, G. E. 1967. AAAS publ. no. 83:420-431. HIMB Contribution No. 203.

Wertzberger, J. 1967. Student report-Marine Ecology 620.

## Family Inachidae

Echinoecus pentagonus Rathbun

Rathbun, M. J. 1906. *U. S. Fish Comm. Bull.* (3):827-930.

Huenia proteus (de Haan)

Rathbun, M. J. 1906. *U. S. Fish Comm. Bull.* (3):827-930.

Menaethius monoceros (Latrielle)

Rathbun, M. J. 1906. *U. S. Fish Comm. Bull.* (3):827-930.

Micippa parca Alcock

Rathbun, M. J. 1906. *U. S. Fish Comm. Bull.* (3):827-930.

Perinea tumida Dana

Barry, C. K. 1965. MSc thesis. University of Hawaii.

## Family Ocypodidae

Ocypode ceratophthalmus

Brock, R. E. and B. Machado. 1967. Student report-Marine Ecology 620.

Fellows, D. P. 1966. MSc thesis. University of Hawaii.

Snider, R. H. and K. Brownscombe. 1964. Student report-Zoology 620.

Ocypode laevis

Fellows, D. P. 1966. MSc thesis. University of Hawaii.

## Family Palicidae

Macrophthalmus telescopicus (Owen)

Banner, A. H. 1968. HIMB Technical report No. 15.

## Family Parthenopidae

Parthenope (Platylambrus) nummifera n. sp.

Rathbun, M. J. 1906. U. S. Fish Comm. Bull. (3):827-930.

## Family Portunidae

Catoptrus nitidus A. Milne-Edwards

Edmondson, C. H. 1954. B.P.B.M. Occ. Papers 21(2):217-274.

Charbdis erythrodactyla (Lamarck)

Barry, C. K. 1965. MSc thesis. University of Hawaii.

Charybdis orientalis

Walsh, G. E. 1967. AAAS publ. no. 83:420-431. HIMB Contribution No. 203.

Lissocarcinus orbicularis Dana

Needham, R. L. MSc thesis-plan B, Zoology. University of Hawaii.

Nishioka, R. S. 1959. MSc thesis. University of Hawaii.

Wass, R. C. 1966. Student report-Zoology 620.

Lupocyclus quinquedentatus n. sp.

Rathbun, M. J. 1906. U. S. Fish Comm. Bull. (3):827-930.

Podophthalmus vigil

Nishioka, R. S. 1959. MSc thesis. University of Hawaii.

Sather, B. T. 1965. PhD thesis. University of Hawaii.

Sather, B. T. 1966. Crustaceana 11(2):185-197. HIMB Contribution No. 229.

Sather, B. T. 1967. Pacific Science 21(2):193-209. HIMB Contribution No. 259.

Walsh, G. E. 1967. AAAS publ. no. 83:420-431. HIMB Contribution No. 203.

Portunus sanguinolentus (Herbst)

- Nishioka, R. S. 1959. MSc thesis. University of Hawaii.  
 Ryan, E. P. 1965. PhD thesis. University of Hawaii.  
 Ryan, E. P. 1966A. Proc. Symposium on Crustacea, Mar. Biol. Assoc. India 11:506-521. HIMB Contribution No. 218.  
 Ryan, E. P. 1966B. Proc. Symposium on Crustacea, Mar. Biol. Assoc. India 11:522-544. HIMB Contribution No. 219.  
 Ryan, E. P. 1966C. Proc. Symposium on Crustacea, Mar. Biol. Assoc. India 11:715-723. HIMB Contribution No. 217.  
 Ryan, E. P. 1966D. Science 151(3708):340-341. HIMB Contribution No. 234.  
 Skolnick, M. S. 1965. MSc thesis. University of Hawaii.  
 Walsh, G. E. 1967. AAAS publ. no. 83:420-431. HIMB Contribution No. 203.

Scylla serrata

- Walsh, G. E. 1967. AAAS publ. no. 83:420-431. HIMB Contribution No. 203.

Thalamita alcocki de Man

- Rathbun, M. J. 1906. U. S. Fish Comm. Bull. (3):827-930.

Thalamita auauensis n. sp.

- Rathbun, M. J. 1906. U. S. Fish Comm. Bull. (3):827-930.

Thalamita integra

- Brock, R. E. and B. Machado. 1967. Student report-Marine Ecology 620.  
 Ingram, W. M. 1937. MSc thesis. University of Hawaii.

Thalamita spiceri Edmondson

- Barry, C. K. 1965. MSc thesis. University of Hawaii.

## Family Xanthidae

Actaea speciosa (Dana)

- Barry, C. K. 1965. MSc thesis. University of Hawaii.

Actaea variolosa Borradaile

- Barry, C. K. 1965. MSc thesis. University of Hawaii.

Carpiloides rugatus (Milne-Edwards)

- Ball, G. H. 1963. J. Protozoology 10(3):321-327. HIMB Contribution No. 182.  
 Barry, C. K. 1965. MSc thesis. University of Hawaii.

Domecia hispida Eydoux and Souleyet

- Barry, C. K. 1965. MSc thesis. University of Hawaii.

Etisus laevimanus Randall

- Barry, C. K. 1965. MSc thesis. University of Hawaii.



Pilumnus oahuensis Edmondson  
Edmondson, C. H. and W. M. Ingram. 1939. B.P.B.M. Occ. Papers  
14(14).

Ingram, W. M. 1937. MSc thesis. University of Hawaii.

Trapezia cymodoce (Herbst)

Barry, C. K. 1965. MSc thesis. University of Hawaii.

Trapezia digitalis Latrielle

Barry, C. K. 1965. MSc thesis. University of Hawaii.

Castro, P. 1966. MSc thesis. University of Hawaii.

Trapezia flavopunctata Eydoux and Souleyet

Barry, C. K. 1965. MSc thesis. University of Hawaii.

Trapezia intermedia (Miers)

Barry, C. K. 1965. MSc thesis. University of Hawaii.

Castro, P. 1966. MSc thesis. University of Hawaii.

Trapezia maculata (MacLeay)

Barry, C. K. 1965. MSc thesis. University of Hawaii.

Xanthias canaliculatus Rathbun

Barry, C. K. 1965. MSc thesis. University of Hawaii.

Miscellaneous

Diogenes sp.

Barry, C. K. 1965. MSc thesis. University of Hawaii.

Gomeza sp.

Barry, C. K. 1965. MSc thesis. University of Hawaii.

Lepeophtheirus dissimulatus Wilson, 1905

Lewis, A. G. 1963. Pacific Science 17(2):195-242. HIMB  
Contribution No. 181.

Madeus elegans A. Milne-Edwards

Barry, C. K. 1965. MSc thesis. University of Hawaii.

Madeus simplex A. Milne-Edwards

Barry, C. K. 1965. MSc thesis. University of Hawaii.

Procambarus clarkii

Walsh, G. E. 1967. AAAS publ. no. 83:420-431. HIMB Contri-  
bution No. 203.

Class Insecta

Brevipalpus phoenicis (Geijskes)

Haramoto, F. H. 1966. PhD thesis. University of Hawaii.

## Class Pycnogonida

Endeis (Phoxichillus) nodosa n. sp.

Edmondson, C. H. 1933. B.P.B.M. Special publ. no. 22.

Edmondson, C. H. 1946. B.P.B.M. Special publ. no. 22.

Hilton, W. A. 1942. B.P.B.M. Occ. Papers 17(3):43-55.

Takayseu, J. M. 1964. Student report-Zoology 620.

## PHYLUM CHORDATA

## Subphylum Hemichordata (Enteropneusta)

## Class Enteropneusta

Placobranchus ocellatus

Testerman, J. K. 1970. Biology of Molluscs. HIMB Technical report No. 18.

Ptychodera flava

Miller, B. 1970. Biology of Molluscs. HIMB Technical report No. 18.

Ptychodera flavens Spengel

Banner, A. H. 1968. HIMB Technical report No. 15.

## Subphylum Urochordata (Tunicata)

## Class Ascidiacea

Ascidia interrupta Heller

Beldia, M. 1964. Student report-Marine Ecology 620.

Correa, L. H. 1967. Student report-Marine Ecology 620.

Thomas, D. D. 1967. Student report-Marine Ecology 620.

Wimbert, J. 1964. Student report-Marine Ecology 620.

Didemnum candidum Savigny

Eldredge, L. G. 1965. PhD thesis. University of Hawaii.

Eldredge, L. G. 1966. Micronesica 2:161-261. HIMB Contribution No. 254.

Papagni, D. 1966. Student report-Marine Ecology 620.

Preston, E. 1966. Student report-Marine Ecology 620.

Didemnum moseleyi (Herdman)

Eldredge, L. G. 1965. PhD thesis. University of Hawaii.

Eldredge, L. G. 1966. Micronesica 2:161-261. HIMB Contribution No. 254.Didemnum elikapekae n. sp.

Eldredge, L. G. 1965. PhD thesis. University of Hawaii.

Eldredge, L. G. 1966. Micronesica 2:161-261. HIMB Contribution No. 254.Didemnum edmondsoni n. sp.

Eldredge, L. G. 1965. PhD thesis. University of Hawaii.

Eldredge, L. G. 1966. Micronesica 2:161-261. HIMB Contribution No. 254.

Diplosoma (Diplosoma) macdonaldi Herdman

Eldredge, L. G. 1965. PhD thesis. University of Hawaii.

Eldredge, L. G. 1966. *Micronesica* 2:161-261. HIMB Contribution No. 254.Diplosoma (Diplosoma) virens (Hartmeyer)

Eldredge, L. G. 1965. PhD thesis. University of Hawaii.

Eldredge, L. G. 1966. *Micronesica* 2:161-261. HIMB Contribution No. 254.Diplosoma (Lissoclinum) fragile (Van Name)

Eldredge, L. G. 1965. PhD thesis. University of Hawaii.

Eldredge, L. G. 1966. *Micronesica* 2:161-261. HIMB Contribution No. 254.Herdmania momus

Morris, J. E. 1960. MSc thesis. University of Hawaii.

Leptoclinides rufus (Sluiter)Eldredge, L. G. 1966. *Micronesica* 2:161-261. HIMB Contribution No. 254.Polyclinum sp.

Banner, A. H. 1968. HIMB Technical report No. 15.

Pyura momus

Nishimoto, R. T. 1967. Student report.

Papagni, D. 1966. Student report-Marine Ecology 620.

Preston, E. 1966. Student report-Marine Ecology 620.

Trididemnum profundum (Sluiter)

Eldredge, L. G. 1965. PhD thesis. University of Hawaii.

Eldredge, L. G. 1966. *Micronesica* 2:161-261. HIMB Contribution No. 254.Trididemnum savignii (Herdman)

Eldredge, L. G. 1965. PhD thesis. University of Hawaii.

Eldredge, L. G. 1966. *Micronesica* 2:161-261. HIMB Contribution No. 254.

## Class Thaliacea

## Order Salpida

Oikopleura longicauda Vogt

Piyakarnchanat, T. 1965. PhD thesis. University of Hawaii.

## Subphylum Vertebrata

## Class Aues

Arenaria interpres interpresMunro, G. C. 1947. *Elepaio* 8(4):20-22.Bulweria bulweriMunro, G. C. 1947. *Elepaio* 8(4):20-22.Pluvialis dominica fulvaMunro, G. C. 1947. *Elepaio* 8(4):20-22.

## Class Pisces

## Family Acanthuridae

Acanthurus dussumieri

Nishimoto, R. T. 1967. Student report.

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Acanthurus nigrofuscus (Forsk., 1775)

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Acanthurus nigroris Cuvier and Valenciennes, 1835

Daniels, C. I. 1966. Student report-Zoology 606.

Acanthurus sandvicensis Streets, 1877

Byrne, J. E. 1962. MSc thesis. University of Hawaii.

Miyake, I. 1952. U. S. Dept. Interior Sp. Publ. Fisheries No. 91.

HIMB Contribution No. 25.

Nishimoto, R. T. 1967. Student report.

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Acanthurus triostegus sandvicensis

Randall, J. E. 1961. Pacific Science 15(2):215-272. HIMB Contribution No. 149.

Ctenochaetus strigosus (Bennett, 1828)

Martin, W. E. 1960. Pacific Science 14(4):411-415. HIMB Contribution No. 140.

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Naso brevirostris (Cuvier and Valenciennes, 1835)

Jones, R. S. 1967. PhD thesis. University of Hawaii.

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Naso unicornis

Jones, R. S. 1967. PhD thesis. University of Hawaii.

Zebrasoma flavescens (Bennett, 1828)

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Zebrasoma veliferum (Bloch, 1797)

Randall, J. E. 1955. Pacific Science 9:396-412. HIMB Contribution No. 70.

Wass, R. C. 1967. MSc thesis. University of Hawaii.

## Family Antennariidae

Antennarius moluccensis (Bleeker)

Needham, R. L. and R. Wass. 1966. Student report-Zoology 606.

Amia (Foa) fo Kordan and Everman

Pietschmann, V. 1930. B.P.B.M. Bull. 73.

## Family Apogonidae

Apogon brachygrammus (Jenkins, 1903)

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Apogon maculiferus Garrett, 1863

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Apogon mensesemus Jenkins, 1903

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Apogon synderi Jordan and Evermann, 1903

Wass, R. C. 1967. MSc thesis. University of Hawaii.

## Family Atherinidae

Hepsetia insularum (Jordan and Evermann)

Fowler, H. W. 1928. Mem. Bernice P. Bishop Museum vol. 10.

Pranesus insularum (Jordan and Everman, 1903)

Banner, A. H. 1968. HIMB Technical report No. 15.

Pritchard, A. 1955. U. S. Dept. Interior Sp. publ. Fisheries No. 146.

HIMB Contribution No. 61.

Yamasita, D. T. 1951. MSc thesis. University of Hawaii.

## Family Aulostomidae

Aulostomus chinensis (Linnaeus, 1766)

Wass, R. C. 1967. MSc thesis. University of Hawaii.

## Family Belonidae

Strongylura gigantea (Temminck and Schlegel, 1846) acc. Baldwin

Wass, R. C. 1967. MSc thesis. University of Hawaii.

## Family Blenniidae

Cirripectus obscurus (Borodin, 1927)

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Cirripectus sp.

Needham, R. L. and R. Wass. 1966. Student report-Zoology 606.

Enchelyurus ater (Cunther)

Pietschmann, V. 1930. B.P.B.M. Bull. 73.

Omobranchus elongatus (Peters, 1855)Strasburg, D. W. 1956. Pacific Science 10(3):241-267.

## Family Brotulidae

Brotula multibarbata Temminck and Schlegel, 1846

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Microbrotula rubra Gosline, 1953

Gosline, W. A. 1953. Copeia No. 4:215-225. HML Contribution No. 39.

Gosline, W. A. and V. E. Brock. 1960. Handbook of Hawaiian Fishes.  
Univ. Hawaii Press.

Wass, R. D. 1967. MSc thesis. University of Hawaii.

## Family Canthigasteridae

Canthigaster jactator (Jenkins, 1901)

Wass, R. C. 1967. MSc thesis. University of Hawaii.

## Family Carangidae

Carangoides ajaxBoroughs, H., S. J. Townsley and R. W. Hiatt. 1956. Biol. Bull. 111(3):  
336-351. HIMB Contribution No. 82.Caranx mate Cuvier and Valenciennes, 1833Gosline, W. A. and V. E. Brock. 1960. Handbook of Hawaiian Fishes.  
Univ. Hawaii Press.Caranx melampygus Cuvier and Valenciennes, 1833

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Caranx stellatusTester, A. L. and E. L. Nakamura. 1957. U. S. Dept. Interior Sp.  
publ. Fisheries No. 250. HIMB Contribution No. 96.

## Family Carcharhinidae

Carcharhinus menisorrhahHobson, E. S. 1963. Pacific Science 17(2):171-194. HIMB Contribution  
No. 180.Carcharhinus spp.Tester, A. L. 1963. Pacific Science 17(2):145-170. HIMB Contribution  
No. 179.Galeocerdo cuvieri (Lesueur, 1822)Tester, A. L. 1963. Pacific Science 17(2):145-170. HIMB Contribution  
No. 179.

## Family Chaetodontidae

Chaetodon auriga Forskal, 1775

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Chaetodon fremblii Bennett, 1829

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Chaetodon lineolatus (Quoy and Gaimard, 1831)

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Chaetodon lunula (Lacepede, 1802)

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Chaetodon miliaris Quoy and Gaimard, 1824

Byrne, J. E. 1962. MSc thesis. University of Hawaii.

Nishimoto, R. T. 1967. Student report.

Stolen, C. Student report-Zoology 606.

Townsley, S. J., D. F. Reid and W. T. Ego. 1959-1960. HML Annual Report, 1959-1960.

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Chaetodon trifasciatus Mungo Park, 1797

Gosline, W. A. and V. E. Brock. 1960. Handbook of Hawaiian Fishes. Univ. Hawaii Press.

Wass, R. C. 1967. MSc thesis. University of Hawaii.

## Family Cichlidae

Tilapia mossambica (Peters, 1852)

Bern, H. A. and N. Takasugi. 1962. Gen. and Comp. Endocrinology 2:96-110. HIMB Contribution No. 160.

Boroughs, H., S. J. Townsley and R. W. Hiatt. 1956. Biol. Bull. 111(3):336-351. HIMB Contribution No. 82.

Boroughs, H., S. J. Townsley and R. W. Hiatt. 1956. Biol. Bull. 111(3):352-357. HIMB Contribution No. 83.

Boroughs, H., S. J. Townsley and R. W. Hiatt. 1957. Limnology and Oceanogr. 11(1):28-32. HIMB Contribution No. 84.

Boroughs, H. and D. F. Reid. 1958. Biol. Bull. 115(1):64-73. HIMB Contribution No. 108.

Townsley, S. J., D. F. Reid and W. T. Ego. 1959-1960. HML Annual Report, 1959-1960.

Walsh, G. E. 1967. AAAS publ. no. 83:420-431. HIMB Contribution No. 203.

## Family Clariidae

Clarius fuscus (Lacepede)

Mainland, G. B. 1939. M.A. thesis. University of Hawaii.

## Family Cobitidae

Misgurnis anguillicaudatus (Cauter)

Mainland, G. B. 1939. M.A. thesis. University of Hawaii.

## Family Congridae

Conger marginatus

Walsh, G. E. 1967. AAAS publ. no. 83:420-431. HIMB Contribution No. 203.

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Conger wilsoni

Wass, R. C. 1967. MSc thesis. University of Hawaii.

## Family Coryphaenidae

Coryphaena hippurus

Boroughs, H., S. J. Townsley and R. W. Hiatt. 1956. Biol. Bull.  
 111(3):336-351. HIMB Contribution No. 82.

Tester, A. L., P. B. van Weel and J. J. Naughton. 1955. U. S. Dept.  
 Interior Sp. publ. Fisheries No. 130. HIMB Contribution No. 47.

Tester, A. L. and E. L. Nakamura. 1957. U. S. Dept. Interior Sp.  
 publ. Fisheries No. 250. HIMB Contribution No. 96.

## Family Cyprinidae

Carassius auratus (Linnaeus)

Mainland, G. B. 1939. M.A. thesis. University of Hawaii.

## Family Cyprinodontidae

Lebistes reticulatus (Peters, 1859)

Mainland, G. B. 1939. M.A. thesis. University of Hawaii.

Walsh, G. E. 1967. AAAS publ. no. 83:420-431. HIMB Contribution  
 No. 203.

Xiphophorus helleri Heckel, 1848

Mainland, G. B. 1939. M.A. thesis. University of Hawaii.

Walsh, G. E. 1967. AAAS publ. no. 83:420-431. HIMB Contribution  
 No. 203.

## Family Diodontidae

Diodon hystrix Linnaeus, 1758

Wass, R. C. 1967. MSc thesis. University of Hawaii.

## Family Echidnidae

Gymnothorax laysanus Jenkins

Fowler, H. W. 1928. Mem. Bernice P. Bishop Museum vol. 10.

## Family Eleotridae

Asterropteryx semipunctatus Ruppell, 1821

Mainland, G. B. 1939. M.A. thesis. University of Hawaii.

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Eleotris fusca (Schneider)

Mainland, G. B. 1939. M.A. thesis. University of Hawaii.

Eleotris sandwicensis Vaillant and Sauvage, 1875

Walsh, G. E. 1967. AAAS publ. no. 83:420-431. HIMB Contribution  
 No. 203.

Eviota epiphanes Jenkins 1903

Mainland, G. B. 1939. M.A. thesis. University of Hawaii.

Pietschmann, V. 1938. B.P.B.M. Bull. 156. 55 pp.



## Family Engraulidae

Stolephorus purpureus Fowler, 1900

Bachman, R. 1963. MSc thesis. University of Hawaii.

Burdick, J. E. 1969. MSc thesis. University of Hawaii.

Gosline, W. A. and V. E. Brock. 1960. Handbook of Hawaiian Fishes.  
Univ. Hawaii Press.

Hiatt, R. W. 1951. Pacific Science 5(4):347-358.

Morgan, M. E. 1951. MSc thesis. University of Hawaii.

Piyakarnchanat, T. 1965. PhD thesis. University of Hawaii.

Pritchard, A. 1955. U. S. Dept. Interior Sp. publ. Fisheries No. 146.  
HIMB Contribution No. 61.

Tester, A. L. 1951. Pacific Science 5(4):321-346. HML Contribution  
No. 12.

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No. 59.

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HML Contribution No. 14.

Yamasita, D. T. 1951. MSc thesis. University of Hawaii.

## Family Fistularidae

Fistularia petimba Lacepede, 1803

Wass, R. C. 1967. MSc thesis. University of Hawaii.

## Family Gobiidae

Bathygobius cotticeps Steindacher, 1880

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Bathygobius fuscus (Ruppell, 1828)

Mainland, G. B. 1939. M.A. thesis. University of Hawaii.

Pietschmann, V. 1938. B.P.B.M. Bull. 156. 55 pp.

Chonophorous genivittatus (Cuvier and Valenciennes, 1837)

Walsh, G. E. 1967. AAAS publ. no. 83:420-431. HIMB Contribution  
No. 203.

Gnatholepis anjerensis (Bleeker, 1850)

Mainland, G. B. 1939. M.A. thesis. University of Hawaii.

Opua nephodes Jordan, E. K. 1925

Gosline, W. A. and V. E. Brock. 1960. Handbook of Hawaiian Fishes.  
Univ. Hawaii Press.

Oxyurichthys lonchotus (Gunther, 1877)

Walsh, G. E. 1967. AAAS publ. no. 83:420-431. HIMB Contribution  
No. 203.

Paraoxyurichthys edmondsoni n. sp.

Edmondson, C. H. 1946. B.P.B.M. Special publ. No. 22.

Mainland, G. B. 1939. M.A. thesis. University of Hawaii.

Sicydium stimpsoni Gill, 1860

Fowler, H. W. 1928. Mem. Bernice P. Bishop Museum vol. 10.

Sicyopterus stimpsoni (Gill)

Fowler, H. W. 1928. Mem. Bernice P. Bishop Museum vol. 10.

Family Holocentridae

Holocentrus diadema Lacepede, 1802

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Holocentrus lacteoguttatus (Cuvier, 1829)

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Holocentrus sammara (Forsk. 1775)

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Holotrachys lima (Valenciennes, 1831)

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Myripristis argyromus

Daniels, C. I. 1966. Student report-Zoology 606.

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Family Kuhliidae

Kuhlia sandvicensis (Steindacher 1876)

Boroughs, H., S. J. Townsley and R. W. Hiatt. 1956. Biol. Bull.

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Bridges, K. W. 1967. MSc thesis. University of Hawaii.

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Niimi, A. J. 1966. MSc thesis. University of Hawaii.

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Walsh, G. E. 1967. AAAS publ. no. 83:420-431. HIMB Contribution No. 203.

Yoshida, R. H. Student report-Zoology 699.

Family Kyphosidae

Sectator azureus Jordan and Evermann, 1903

Jordan, D. S. and B. W. Evermann. 1905. Bull. U. S. Fish Comm.

vol. 23 for 1903 part 1. 574 pp.

Fowler, H. W. 1928. Mem. Bernice P. Bishop Museum vol. 10.

Family Labridae

Bodianus bilunulatus (Lacepede, 1802)

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Cheilinus bimaculatus Cuvier and Valenciennes, 1839  
Wass, R. C. 1967. MSc thesis. University of Hawaii.

Cheilinus rhodochrous Gunther, 1866  
Wass, R. C. 1967. MSc thesis. University of Hawaii.

Gomphosus varius Lacepede, 1801  
Wass, R. C. 1967. MSc thesis. University of Hawaii.

Labroides phthiropagus Randall 1958  
Randall, J. E. 1958. Pacific Science 12(4):327-347.  
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Pseudocheilinus evanidus Jordan and Evermann, 1903  
Wass, R. C. 1967. MSc thesis. University of Hawaii.

Pseudocheilinus octotaenia Jenkins 1900  
Wass, R. C. 1967. MSc thesis. University of Hawaii.

Stethojulis axillaris (Quoy and Gaimard, 1824)  
Wass, R. C. 1967. MSc thesis. University of Hawaii.

Thalassoma ballieui (Vaillant and Sauvage, 1875)  
Wass, R. C. 1967. MSc thesis. University of Hawaii.

Thalassoma duperreyi (Quoy and Gaimard 1824)  
Martin, W. E. 1960. Pacific Science 14(4):411-415. HIMB Contribution  
No. 140.  
Nishimoto, R. T. 1967. Student report.  
Wass, R. C. 1967. MSc thesis. University of Hawaii.

Thalassoma umbrostigma (Ruppell, 1838)  
Nishimoto, R. T. 1967. Student report.

Wetmorella albofasciatus Schultz and Marshall, 1954  
Gosline, W. A. and V. E. Brock. 1960. Handbook of Hawaiian Fishes.  
Univ. Hawaii Press.

#### Family Lethrinidae

Lethrinus meriatus  
Brock, V. E. 1962. Final report-Economic and coordination authority  
grant no. 12.

#### Family Lobotidae

Lobotes surinamensis (Bloch, 1790)  
Gosline, W. A. and V. E. Brock. 1960. Handbook of Hawaiian Fishes.  
Univ. Hawaii Press.

## Family Lutjanidae

Lutjanus gibbus (Forsk.)

Hobson, E. S. 1963. Pacific Science 17(2):171-194. HIMB Contribution No. 180.

Kami, H. 1962. Reef and inshore Game Fish management research, project no. F-5-R-10. Job no. 9.

Lutjanus vaigiensis (Quoy and Gaimard, 1824)

Kami, H. 1961. Reef and Shore fish Management research, project no. F-5-R-9. Job no. 9.

Lutianus vaigiensis

Brock, V. E. 1962. Final report - Economic and coordination authority. Grant no. 12.

## Family Monacanthidae

Amanses pardalis

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Amanses sandwichiensis

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Pervagor spilosoma (Lay and Bennett, 1839)

Wass, R. C. 1967. MSc thesis. University of Hawaii.

## Family Mugilidae

Mugil cephalus Linnaeus, 1758

Helfrich, P. H. and A. H. Banner. 1960. J. Tropical Medicine and Hygiene. April:1-4. HIMB Contribution No. 126.

Mainland, G. B. 1939. M.A. thesis. University of Hawaii.

Nandi, J. and H. A. Bern. 1960. Endocrinology 66(2):295-303.

Walsh, G. E. 1967. AAAS publ. no. 83:420-431. HIMB Contribution No. 203.

Neomyxus chaptalli (Eydoux and Soulayet)

Helfrich, P. H. and A. H. Banner. 1960. J. Tropical Medicine and Hygiene. April:1-4. HIMB Contribution No. 126.

## Family Mullidae

Mulloidichthys samoensis (Gunther, 1874)

Byrne, J. E. 1962. MSc thesis. University of Hawaii.

Helfrich, P. H. and A. H. Banner. 1960. J. Tropical Medicine and Hygiene. April:1-4. HIMB Contribution No. 126.

Martin, W. E. 1960. Pacific Science 14(4):411-415. HIMB Contribution No. 140.

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Parupeneus chryserydros (Lacepede, 1801)

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Parupenus multifasciatus (Quoy and Gaimard, 1824)  
 Bryne, J. E. 1962. MSc thesis. University of Hawaii.  
 Wass, R. C. 1967. MSc thesis. University of Hawaii.

Parupenus porphyreus (Jenkins, 1903)  
 Byrne, J. E. 1962. MSc thesis. University of Hawaii.

Upeneus arge Jordan and Evermann 1903  
 Helfrich, P. H. and A. H. Banner. 1960. J. Tropical Medicine and  
 Hygiene. April:1-4. HIMB Contribution No. 126.

Family Muraenidae

Gymnothorax hilonis Jordan and Evermann, 1903  
 Gosline, W. A. and V. E. Brock. 1960. Handbook of Hawaiian Fishes.  
 Univ. Hawaii Press.

Uropterygius fuscoquattatus Schultz, 1953  
 Wass, R. C. 1967. MSc thesis. University of Hawaii.

Uropterygius inornatus Gosline, 1958  
 Wass, R. C. 1967. MSc thesis. University of Hawaii.

Uropterygius supraforatus (Regan, 1909)  
 Wass, R. C. 1967. MSc thesis. University of Hawaii.

Uropterygius tigrinus  
 Wass, R. C. 1967. MSc thesis. University of Hawaii.

Family Ophicephalidae

Ophicephalus striatus Bloch  
 Mainland, G. B. 1939. M.A. thesis. University of Hawaii.

Family Ostraciontidae

Lactoria fornasini (Bianconi, 1846)  
 Thomson, D. A. 1963. PhD thesis. University of Hawaii.  
 Wass, R. C. 1967. MSc thesis. University of Hawaii.

Ostracion lentiginosus Schneider  
 Boylan, D. B. 1966. PhD thesis. University of Hawaii.  
 Thomson, D. A. 1963. PhD thesis. University of Hawaii.  
 Wass, R. C. 1967. MSc thesis. University of Hawaii.

Family Pleuronectidae

Samariscus triocellatus Woods, 1966  
 Wass, R. C. 1967. MSc thesis. University of Hawaii.

Family Poeciliidae

Molliensia latipinna Le Sueur, 1821  
 Needham, R. L. and R. C. Wass. 1966. Student report-Zoology 606.  
 Mainland, G. B. 1939. M.A. thesis. University of Hawaii.

Platypoecilius maculatus Gunther

Mainland, G. B. 1939. M.A. thesis. University of Hawaii.

## Family Pomacentridae

Abudefduf abdominalis (Quoy and Gaimard, 1824)

Campbell, W. 1963. Student report-Zoology 606.

Helfrich, P. H. 1958. PhD thesis. University of Hawaii.

May, R. C. 1967. MSc thesis. University of Hawaii.

Mitchell, J. 1963. Student report-Zoology 606.

Nishimoto, R. T. 1967. Student report.

Piyakarnchanat, T. 1965. PhD thesis. University of Hawaii.

Tester, A. L. 1953. HML News Circular No. 14.

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Chromis ovalis (Steindacher, 1900)

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Dascyllus albisella Gill, 1862

Christofferson, J. 1963. Student report-Marine Ecology 620.

Murchison, E. 1963. Student report-Marine Ecology 620.

Needham, R. L. and R. Wass. 1966. Student report-Zoology 606.

Stevenson, R. A. 1965. PhD thesis. University of Hawaii. 221 pp.

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Plectroglyphidodon johnstonianus

Needham, R. L. and R. Wass. 1966. Student report-Zoology 606.

Plectroglyphidodon johnstonianus

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Pomatocentrus jenkinsi Jordan and Evermann, 1903

Wass, R. C. 1967. MSc thesis. University of Hawaii.

## Family Priacanthidae

Priacanthus cruentatus (Lacepede, 1801)

Martin, W. E. 1960. Pacific Science 14(4):411-415. HIMB Contribution No. 140.

Wass, R. C. 1967. MSc thesis. University of Hawaii.

## Family Pseudochromidae

Pseudogramma polyacantha (Bleeker, 1856)

Wass, R. C. 1967. MSc thesis. University of Hawaii.

## Family Scaridae

Scarus dubius Bennett, 1828

Bryne, J. E. 1962. MSc thesis. University of Hawaii.

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Scarus perspicillatus Steindacher, 1897

Bryne, J. E. 1962. MSc thesis. University of Hawaii.  
Wass, R. C. 1967. MSc thesis. University of Hawaii.

Scarus sordidus Forskal, 1775

Nishimoto, R. T. 1967. Student report.  
Wass, R. C. 1967. MSc thesis. University of Hawaii.

## Family Scombridae

Acanthocybium solandri

Tester, A. L., P. B. van Weel and J. J. Naughton. 1955. U. S. Dept.  
Interior Sp. publ. Fisheries no. 130. HIMB Contribution No. 47.  
Tester, A. L. and E. L. Nakamura. 1957. U. S. Dept. Interior Sp.  
publ. Fisheries no. 250. HIMB Contribution No. 96.

Euthynnus affinis (= yaito)

Tester, A. L., H. Yuen and M. Takata. 1954. U. S. Dept. Interior Sp.  
publ. Fisheries no. 134. HIMB Contribution No. 56.  
Tester, A. L., P. B. van Weel and J. J. Naughton. 1955. U. S. Dept.  
Interior Sp. publ. Fisheries no. 130. HIMB Contribution No. 47.

Euthynnus yiato Jordan and Evermann, 1903

Boroughs, H., S. J. Townsley and R. W. Hiatt. 1956. Biol. Bull.  
111(3):336-351. HIMB Contribution No. 82.  
Hsiao, S. C. 1952. U. S. Dept. Interior Sp. publ. Fisheries No. 91.  
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Hsiao, S. C. and A. L. Tester. 1955. U. S. Dept. Interior Sp. publ.  
Fisheries no. 130 (part 2). HIMB Contribution No. 48.  
Miyake, I. 1952. U. S. Dept. Interior Sp. publ. Fisheries no. 91.  
HML Contribution No. 25.  
Tester, A. L. and E. L. Nakamura. 1957. U. S. Dept. Interior Sp.  
publ. Fisheries no. 250. HIMB Contribution No. 96.  
van Weel, P. B. 1952. U. S. Dept. Interior Sp. publ. Fisheries no.  
91. HML Contribution No. 23.

Katsuwonus pelamis

Tester, A. L., P. B. van Weel and J. J. Naughton. 1955. U. S. Dept.  
Interior Sp. publ. Fisheries no. 130. HIMB Contribution No. 47.  
Tester, A. L. and E. L. Nakamura. 1957. U. S. Dept. Interior Sp.  
publ. Fisheries no. 250. HIMB Contribution No. 96.

Neothunnus macropterus (= Thunnus albacares)

Boroughs, H., S. J. Townsley and R. W. Hiatt. 1956. Biol. Bull.  
111(3):336-351. HIMB Contribution No. 82.  
Hsiao, S. C. 1952. U. S. Dept. Interior Sp. publ. Fisheries no. 91.  
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Tester, A. L., P. B. van Weel and J. J. Naughton. 1955. U. S. Dept.  
Interior Sp. publ. Fisheries no. 130. HIMB Contribution No. 47.  
Tester, A. L. and E. L. Nakamura. 1957. U. S. Dept. Interior Sp.  
publ. Fisheries no. 250. HIMB Contribution No. 96.

van Weel, P. B. 1952. U. S. Dept. Interior Sp. publ. Fisheries no. 91. HML Contribution No. 23.

Family Scorpaenidae

Dendrochirus brachypterus (Cuvier, 1829)

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Dendrochirus chloreus (Jenkins)

Pietschmann, V. 1930. B.P.B.M. Bull. 73.

Scorpaena coniorta (Jenkins, 1903)

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Scorpaenodes kelloggi (Jenkins)

Pietschmann, V. 1938. B.P.B.M. Bull. 156. 55 pp.

Taenianotus tricanthus Lacepede, 1802

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Microcanthus stigatus (Cuvier and Valenciennes, 1839)

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Family Serranidae

Epinephelus merra Bloch

Brock, V. E. 1962. Final report - Economic planning and coordination authority. Grant no. 12.

Kami, H. 1962. Reef and Inshore fish management research, project no. F-5-R-10. Job no. 9.

Ypsigrama sp.

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Family Siluridae

Amejurus nebulosus (Le Sueur)

Mainland, G. B. 1939. M.A. thesis. University of Hawaii.

Family Sphyrnidae

Sphyrna lewini (Griffith)

Olla, B. L. 1962. MSc thesis. University of Hawaii.

Tester, A. L. and G. J. Nelson. 1967. Reprinted from "Sharks, Skates and Rays". Johns Hopkins Press, Baltimore. HIMB Contribution No. 258.

Tester, A. L. 1963. Pacific Science 17(2):145-170. HIMB Contribution No. 179.

Hobson, E. S. 1963. Pacific Science 17(2):171-194. HIMB Contribution No. 180.

Gosline, W. A. and V. E. Brock. 1960. Handbook of Hawaiian Fishes. Univ. Hawaii Press.



## Family Syngnathidae

Doryrhamphus melanopleura (Bleeker, 1858)

Wass, R. C. 1967. MSc thesis. University of Hawaii.

## Family Synodontidae

Synodus dermatogenys Fowler, 1911

Wass, R. C. 1967. MSc thesis. University of Hawaii.

## Family Tetraodontidae

Arothron hispidus Linnaeus, 1758

Eger, W. H. 1963. MSc thesis. University of Hawaii.

Helfrich, P. H. 1963. Hawaii Medical Journal 22:361-372. HIMB Contribution No. 186.

Wass, R. C. 1967. MSc thesis. University of Hawaii.

Tetraodon hispidus L.Martin, W. E. 1958. Pacific Science 12(3):251-254. HIMB Contribution No. 107.Martin, W. E. 1960. J. Parasitology 46(5):648-650. HIMB Contribution No. 127.

## Family Zanclidae

Zanclus canescens (Linnaeus, 1758)

Nishimoto, R. T. 1967. Student report.

Wass, R. C. 1967. MSc thesis. University of Hawaii.

## PHYLUM PROTOZOA

## Order Gregarinidae

Cephaloidophora carpilodei n. sp.Ball, G. H. 1963. J. Protozoology 10(3):321-327. HIMB Contribution No. 182.Cephaloidophora pinguis n. sp.Ball, G. H. 1963. J. Protozoology 10(3):321-327. HIMB Contribution No. 182.Metafolliculina andrewsi Hadzi

Matthews, D. C. 1953. Trans. Microscopical Soc. LXXII(4):344. HML Contribution No. 33.

Lagotia simplex Dons

Matthews, D. C. 1953. Trans. Microscopical Soc. LXXII(4):344. HML Contribution No. 33.

## PHYLUM CHLOROPHYTA

Bornetella sphaerica (Zanardini) Solms-Laubach  
Soegiarto, A. 1969. Preliminary report-Sea Grant program. University  
of Hawaii.

Caulerpa ambigua Okamura  
Gilbert, W. J. 1962. Pacific Science 19(1):135-144.

Caulerpa (mexicana?)  
Neal, M. C. 1930. B.P. Bishop Museum Bull. 67:84 pp.

Caulerpa sertulariodes (Gmelin) Howe  
Soegiarto, A. 1969. Preliminary report-Sea Grant program. University  
of Hawaii.

Cladophora spp.  
Soegiarto, A. 1969. Preliminary report-Sea Grant program. University  
of Hawaii.

Codium arabicum Kutzing  
Soegiarto, A. 1969. Preliminary report-Sea Grant program. University  
of Hawaii.

Codium edule Silva  
Soegiarto, A. 1969. Preliminary report-Sea Grant program. University  
of Hawaii.

Dictyosphaeria cavernosa (Forsk.) Boergesen  
Howe, M. A. 1934. Wash. Acad. Sci. 24(1):32-42.  
Soegiarto, A. 1969. Preliminary report-Sea Grant program. University  
of Hawaii.

Dictyosphaeria versluyii Web. v. Bosse  
Howe, M. A. 1934. Wash. Acad. Sci. 24(1):32-42.  
Soegiarto, A. 1969. Preliminary report-Sea Grant program. University  
of Hawaii.

Dictyosphaeria  
Bosch, H. F. 1967. MSc thesis. University of Hawaii.  
Nishimoto, R. T. 1967. Student report.

Enteromorpha intestinalis (L.) Link  
Soegiarto, A. 1969. Preliminary report-Sea Grant program. University  
of Hawaii.

Halimeda sp.  
Smythe, W. R. and W. Hay. Student report-Marine Ecology 620.  
Soegiarto, A. 1969. Preliminary report-Sea Grant program. University  
of Hawaii.

Microdictyon sp.  
Soegiarto, A. 1969. Preliminary report-Sea Grant program. University  
of Hawaii.

Monostroma oxyspermum (Kutzing)

Gilbert, W. J. 1965. Pacific Science 19(4):482-492.

Neomeris annulata Dickie

Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.

Siphonocladus tropicus (Crouan) J. Ag

Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.

Ulva fasciata Delisle

Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.

Ulva lactuca Linnaeus (?)

Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.

Ulva reticulata Forskal

Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.

Ulva sp.

Smythe, W. R. and W. Hay. Student report-Marine Ecology 620.

Valonia aegagropila C. Ag

Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.

Valonia sp.

Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.

## PHYLUM CYANOPHYTA

Lyngbya majuscula Gomont

Banner, A. H. 1959. Hawaii Medical Journal 19:35-36. HIMB Contribution No. 118.

Helfrich, P. H. and A. H. Banner. 1960. J. Tropical Medicine and Hygiene. April:1-4. HIMB Contribution No. 126.

Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.

Lyngbya sp.

Bosch, H. F. 1967. MSc thesis. University of Hawaii.

Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.

Schizothrix sp.

Nishimoto, R. T. 1967. Student report.

## PHYLUM PHAEOPHYTA

- Colpomenia sinuosa (Roth) Derbes and Solier  
Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.
- Cladosiphon novae caledoniae  
Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.
- Dictyopteris australis Sonder  
Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.
- Dictyopteris plagiogramma (Montagne) Vickers  
Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.
- Dictyota acutiloba J. Ag  
Howe, M. A. 1934. Wash. Acad. Sci. 24(1):32-42.
- Dictyota sp.  
Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.
- Ectocarpus indicus Sonder  
Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.
- Ectocarpus sp.  
Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.
- Hydroclathrus clathratus (Bory) M. A. Howe  
Howe, M. A. 1934. Wash. Acad. Sci. 24(1):32-42.  
Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.
- Padina commersonni Bory  
Howe, M. A. 1934. Wash. Acad. Sci. 24(1):32-42.
- Padina  
Berrill, M. 1965. MSc thesis. University of Hawaii.  
Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.
- Ralfsia occidentalis Hollenberg  
Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.
- Rosenvingea orientalis (J. Ag) Boerg.  
Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.

Sargassum echinocarpum J. Ag

- Berrill, M. 1965. Student report-Zoology 606.  
 Berrill, M. 1965. MSc thesis. University of Hawaii.  
 Howe, M. A. 1934. Wash. Acad. Sci. 24(1):32-42.  
 Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.  
 Neal, M. C. 1930. B. P. Bishop Museum Bull. 67:84 pp.

Sargassum obtusifolium J. Ag

- Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.

Sargassum polyphyllum (?) J. Ag

- Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.

Sargassum polyphyllum fissifolium Grun.

- Howe, M. A. 1934. Wash. Acad. Sci. 24(1):32-42.

Sargassum sp.

- Nishimoto, R. T. 1967. Student report.  
 Smythe, W. R. and W. Hay. Student report-Marine Ecology 620.

Spatoglossum solierii (J. Ag) Kutzing

- Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.

Sphacelaria

- Bosch, H. F. 1967. MSc thesis. University of Hawaii.

Turbinaria ornata (Turner) J. Ag

- Howe, M. A. 1934. Wash. Acad. Sci. 24(1):32-42.  
 Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.

Zonaria hawaiiensis Doty and Newhouse

- Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.

## PHYLUM RHODOPHYTA

Acanthophora spicifera (Vahl) Boerg

- Nishimoto, R. T. 1967. Student report.  
 Smythe, W. R. and W. Hay. Student report-Marine Ecology 620.  
 Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.

Acanthophora sp.

- Doty, M. S. 1961. Pacific Science 15(4):547-552.

Amansia glomerata C. Ag

- Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.

Amphiroa fragilissima (?) (L.) Lamx.

Soegiarto, A. 1969. Preliminary report-Sea Grant program. University of Hawaii.

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