

Prosobranch gastropods of Guam

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Abstract—Based on records from invertebrate collections at the University of Guam, specimens cataloged at other institutions, and the published literature, there are 895 species of prosobranch gastropods from Guam. The vast majority of the species are marine, but terrestrial and aquatic prosobranchs are included. Most the species recorded to date are conspicuous, epibenthic species from shallow reef habitats, but some species have been taken from depths up to 400 m. Microgastropods less than 7 mm in size have been poorly investigated to date. Comparison of prosobranch gastropods from Guam and Enewetak reveal that some 56% of the species occurring at Enewetak are found in Guam.

Introduction

Molluscs have been collected in Guam since the arrival of the earliest inhabitants (Thompson, 1945). Despite the long history of European contact with the island, scant attention was given to systematic investigation of the fauna until the collections of Quoy and Gaimard (1824–1826; 1830–1834). Hidalgo (1904–1905) was the first to produce a catalog that included molluscs from Guam, but his emphasis was mostly on the Philippine Islands fauna. This catalog was followed by a series of unpublished lists produced by shell collectors and shell club members during the last several decades.

Synoptic collections of molluscs from Guam and Micronesia were started by faculty of the University of Guam in the mid-1960s. These collections are housed in the Richard E. Dickinson Memorial Mollusc Collection at the University of Guam Marine Laboratory. Best represented in the collections are the species of the taxon traditionally identified as prosobranch gastropods. The purpose of this report to list the prosobranch gastropods known from Guam.

Methods

Records of prosobranch gastropods were compiled from invertebrate collections at the University of Guam, specimens cataloged at other institutions, and published literature. Each record from institutional collections is represented by a voucher specimen and specimen lot number for future reference. Species reported in technical reports and non-refereed newsletters and checklists are not

included in this paper, because such reports are often based on field observations or personal collections, making verification of species identifications difficult at best. Records of fossil species are also omitted.

Systematic arrangement of the prosobranchs in this paper follows Beesley et al. (1998), except for trochoids and conoids. Trochoid systematics are based on Hickman and McLean (1990), and conoid systematics are based on Taylor et al. (1993).

Results and Discussion

The prosobranch gastropod fauna of Guam is comprised of 895 species identified to date (Appendix). Of this total, 90% are represented by specimens in the University of Guam collections. The bulk of the list consists of conspicuous, epibenthic species from shallow reef habitats, but some records are based on specimens dredged or trapped at depths up to 400 m. The vast majority of the species in this list are marine, but terrestrial and freshwater species found in Guam are also reported. Microgastropods, i.e., those less than 7 mm in greatest dimension, are under-represented, because investigation of the smaller taxa began only recently.

None of the Guam prosobranchs is known to be endemic, and four species are introduced. The topshell *Trochus niloticus* was introduced after World War II (Eldredge, 1987; Smith, 1987) in an effort to establish a commercial fishery. The ampullariid snails *Pila conica* and *Pomacea canaliculata* were first observed in Guam in the 1980s (Smith, 1992), and the viviparid *Sinotaia magniciana* was first recorded in 1984 (Smith, unpublished data).

Some records of prosobranch gastropods reported from Guam remain uncorroborated. Vermeij et al. (1983) noted possible discrepancies in localities ascribed to some specimens in the USNMNH, adding that these species had not been found in Guam in recent years. To this list of doubtful records can be added *Pseudovertagus aluco* reported by Houbrick (1978) and specimens of *Conus marmoreus* at both ANSP and USNMNH. Cate (1969) based his report on cypraeids of Guam on private collections, and nine of the species that he recorded are not represented by voucher specimens in institutional collections.

The prosobranch gastropod fauna of Guam bears interesting similarities to that reported for Enewetak by Kay and Johnson (1987). Both areas lie at about the same latitude (Guam 13°E 26' N; Enewetak 11°E 21' N). Guam lies in the North Equatorial Current some 2000 km downstream of Enewetak. Despite the obvious differences expected of a high island such as Guam and an atoll such as Enewetak, the two areas support similar numbers of prosobranch gastropods: 895 species in Guam and 850 in Enewetak (when fossil species and Recent species known only from the fossil record are excluded from the list). Of these totals, some 56% of the Enewetak fauna is found at Guam.

Affinities of some taxa are remarkable. All species of Bursidae and Nassariidae reported from Enewetak by Kay and Johnson (1987) are found at

Guam. Of the 54 species of Cypraeidae reported from Enewetak, 51 species are found at Guam, and 60 of 65 species of *Conus* from Enewetak also occur in Guam. Similar affinities of the Turridae in these two areas were reported earlier by Kay (1990). The relatively lower similarities of the microgastropod taxa are likely the result of greater collecting effort at Enewetak.

While species richness of prosobranch gastropods from Guam is not comparable to that reported by Bouchet et al. (2002) for marine molluscs from a site in New Caledonia, the massive collecting effort of that study has yet to be applied to Guam reefs. However, examination of the New Caledonia data for conspicuous species groups may be illuminating. The most speciose taxon in New Caledonia is the Conoidea, with 314 species; presently there are 292 species of Conoidea known from Guam. Some 25% of the New Caledonia marine mollusc fauna is smaller than 3.5 mm in size. Only 1–2% of the prosobranch gastropod fauna from Guam studied to date are smaller than 3.5 mm. If the data of Bouchet et al. (2002) are an indication of species richness in the Pacific, the prosobranch gastropod fauna of Guam is likely to be significantly underestimated.

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References

- Abbott, R.T. 1949. New syncerid mollusks from the Mariana Islands. Occasional Papers of the Bernice P. Bishop Museum 19(15): 261–274.
- Beesley, P.L., G.J.B. Ross, and A. Wells (eds.). 1998. Mollusca: The Southern Synthesis. Fauna of Australia. Vol. 5. CSIRO Publishing, Melbourne, Australia. Part A, xvi + 1–563. Part B, viii + 565–1234.
- Bouchet, P., P. Lozouet, P. Maestrati, and V. Heros. 2002. Assessing the magnitude of species richness in tropical marine environments: exceptionally high numbers of molluscs at a New Caledonia site. Biological Journal of the Linnean Society 75: 421–436.

- Bratcher, T., and W.O. Cernohorsky. 1987. Living Terebras of the World. A Monograph of the Recent Terebridae of the World. American Malacologists, Inc., Melbourne, FL. 240 p.
- Cate, C.N. 1969. The cowrie species living at Guam (Mollusca: Gastropoda). *Veliger* 12(1): 120–131.
- Cernohorsky, W.O. 1976. The Mitridae of the world. Part I. The subfamily Mitrinae. *Indo-Pacific Mollusca* 3(17): 273–528.
- Cernohorsky, W.O. 1980. The taxonomy of some Indo-Pacific Mollusca. Part 7. Records of the Auckland Institute and Museum 16: 171–187.
- Cernohorsky, W.O. 1984. Systematics of the family Nassariidae (Mollusca: Gastropoda). *Bulletin of the Auckland Institute and Museum* 14: 1–356.
- Cernohorsky, W.O. 1986. A taxonomic study on two Indo-Pacific species of *Cantharus (Prodotia)* [Mollusca: Buccinidae]. *Records of the Auckland Institute and Museum* 23: 59–65.
- Cernohorsky, W.O. 1991. The Mitridae of the world. Part 2. The subfamily Mitrinae concluded and subfamilies Imbricariinae and Cylindromitrinae. *Monographs of Marine Mollusca* No. 4: 1–164.
- Cernohorsky, W.O., and A. Jennings. 1966. The Terebridae of Fiji (Mollusca: Gastropoda). *Veliger* 9(1): 37–67.
- Clench, W.J., and R.D. Turner. 1948. A catalogue of the family Truncatellidae with notes and descriptions of new species. *Occasional Papers on Mollusks, Museum of Comparative Zoology* 1(13): 157–212.
- DuShane, H. 1988. New Hawaiian species of Epitonidae (Mollusca: Gastropoda). *Veliger* 31(3/4): 267–271.
- Eldredge, L.G. 1987. Coral reef alien species. Pages 215–228 in B. Salvat, editor. *Human Impacts on Coral Reefs: Facts and Recommendations*. Antenne Museum E.P.H.E., French Polynesia.
- Hickman, C.S., and J.H. McLean. 1990. Systematic revision and suprageneric classification of trochacean gastropods. *Natural History Museum of Los Angeles County, Science Series* 35. 169 p.
- Hidalgo, J.G. 1904–1905. *Catálogo de los Moluscos Testáceos de las Islas Filipinas, Joló y Marianas*. Madrid.
- Houart, R. 1995. The Ergalataxinae (Gastropoda, Muricidae) from the New Caledonia region with some comments on the subfamily and the description of thirteen new species from the Indo-west Pacific. *Bulletin du Muséum National d'Histoire Naturelle Section A* 16(2–4): 245–297.
- Houart, R. 1996. Description of two new species of Muricidae (Gastropoda) from the Indo-West Pacific. *Venus* 55(4): 273–280.
- Houart, R. 2000. *Morula rodgersi* n sp, a new muricid (Rapaninae) from Guam. *Novapex* 1(3–4): 101–104.
- Houbrick, R.S. 1978. The family Cerithiidae in the Indo-Pacific. Part I. The genera *Rhinoclavis*, *Pseudovertagus* and *Clavocerithium*. *Monographs of Marine Mollusca* No. 1: 1–130.

- Houbrick, R.S. 1992. Monograph of the genus *Cerithium* Bruguière in the Indo-Pacific (Cerithiidae: Prosobranchia). Smithsonian Contributions to Zoology 510. iv + 211 p.
- Kay, E.A. 1979. Hawaiian Marine Shells. Reef and Shore Fauna of Hawaii, Section 4: Mollusca. Bernice P. Bishop Museum, Special Publication 64(4). xviii + 653 p.
- Kay, E.A., and S. Johnson. 1987. Mollusca of Enewetak Atoll. Pages 105–146 in D.M. Devaney, E.S. Reese, B.L. Burch, and P. Hellfrich, editors. The Natural History of Enewetak Atoll. Volume II. Biogeography and Systematics. U.S. Department of Energy, Office of Scientific and Technical Information.
- Kay, E.A. 1990. Turrid faunas of Pacific islands. *Malacologia* 32: 79–87.
- Kosuge, S. 1974. Description of six new species of the family Triphoridae (Gastropoda, Mollusca) in the collection of the Smithsonian Institution, U. S. National Museum of Natural History. *Pavona* 1: 1–4.
- Ponder, W.F., and R. de Keyzer. 1992. A revision of the genus *Diala* (Gastropoda: Cerithioidea: Dialidae). *Invertebrate Taxonomy* 6: 1019–1075.
- Quadras, J.F., and O.F. von Möllendorff. 1894. Diagnoses specierum novarum a J. F. Quadras in insulis Mariannis collectarum scripserunt. *Nachrichtsblatt der Deutschen Malakozoologischen Gesellschaft* 26: 13–22.
- Quoy, J.R.C., and J.P. Gaimard. 1824–1826. In L. de Freycinet, *Voyage Autour du Monde Exécuté sur les Corvetes de L.M. "L'Uranie" et "La Physicienne," Pendant les Années 1817, 1818, 1819 et 1820*. Paris. *Voyage Uranie, Zoologie*. Paris, 2 vols., 1–382, 329–616.
- Quoy, J.R.C., and J.P. Gaimard. 1830–1834. *Voyages de Découvertes de l'Astrolabe Executé par Ordre du Roi Pendant des Années 1826–1827–1828–1829 Sous le Commandement de M.J. Dumont d'Urville. Zoologie*. J. Tastu : Paris, 4 vols., 1,268 p., 686 p., 945 p., 390 p., atlas 198 p.
- Rehder, H.A. 1973. The family Harpidae of the world. *Indo-Pacific Mollusca* 3(16):207–274.
- Reid, D.G. 1986. The Littorinid Molluscs of Mangrove Forests in the Indo-Pacific Region. British Museum (Natural History), London. xv + 227 p.
- Röckel, D., W. Korn, and A.J. Kohn. 1995. Manual of the Living Conidae. Volume 1: Indo-Pacific Region. Verlag Christa Hemmen, Germany.
- Rosewater, J. 1970. The family Littorinidae in the Indo-Pacific. Part I. The subfamily Littorininae. *Indo-Pacific Mollusca* 2(11): 417–506.
- Smith, B. D. 1987. Growth rate, distribution and abundance of the introduced topshell *Trochus niloticus* Linnaeus on Guam, Mariana Islands. *Bulletin of Marine Science* 41: 466–474.
- Smith, B. D. 1992. Introduction and dispersal of apple snails (Ampullariidae) on Guam. *Pacific Science Association Information Bulletin* 44(1/2): 12–14.
- Taylor, J.D., Y.I. Kantor, and A.V. Sysoev. 1993. Foregut anatomy, feeding mechanisms, relationships and classification of the Conoidea (=Toxoglossa) (Gastropoda). *Bulletin of the Natural History Museum, Zoology* 59: 125–170.

- Talmadge, R.R. 1963. Insular halotids in the western Pacific (Mollusca: Gastropoda). *Veliger* 5(4): 129–139.
- Thompson, L. 1945. The native culture of the Marianas Islands. B.P. Bishop Museum, Bulletin 185: 1–48.
- Vermeij, G.J., E.A. Kay, and L.G. Eldredge. 1983. Molluscs of the northern Mariana Islands with special reference to the selectivity of oceanic dispersal barriers. *Micronesica* 19: 27–55.
- Warén, A., D.R. Norris, and J. Templado. 1994. Descriptions of four new eulimid gastropods parasitic on irregular sea urchins. *Veliger* 37: 150–163.

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Appendix – Prosobranch gastropods of Guam.

Symbols: * = UGI record based on dead specimen; # = UGI record based on specimen collected in benthic dredge; † = UGI record based on specimen collected from baited trap; and ‡ = introduced species.

Voucher: Specimen vouchers or literature citations. Specimens vouchers at: ANSP: Academy of Natural Sciences of Philadelphia; BPBM: Bernice P. Bishop Museum, Honolulu; UGI: University of Guam Marine Laboratory Invertebrate Collections; USNM: U. S. National Museum of Natural History (Smithsonian Institution); and UF: Florida Museum of Natural History, University of Florida

TAXON	VOUCHER
CLASS GASTROPODA	
SUBCLASS EOGASTROPODA	
ORDER PATELLOGASTROPODA	
SUBORDER PATELLINA	
SUPERFAMILY PATELLOIDEA	
FAMILY Patellidae	
<i>Cellana radiata orientalis</i> (Pilsbry, 1891)	UGI 1331
<i>Patella flexuosa</i> Quoy & Gaimard, 1834	UGI 4593
SUBORDER NACELLINA	
SUPERFAMILY LOTTIOIDEA	
FAMILY Lottiidae	
<i>Patelloidea chamorrorum</i> Lindberg & Vermeij, 1985	UGI 5211
SUBCLASS ORTHOGASTROPODA	
SUPERORDER VETIGASTROPODA	
SUPERFAMILY PLEUROTOMARIOIDEA	
FAMILY Scissurellidae	
* <i>Scissurella declinans</i> Watson, 1886	UGI 6881
#* <i>Scissurella cf. lamellata</i> (A. Adams, 1862)	UGI 5687
<i>Sinezona cf. plicata</i> (Hedley, 1899)	UGI 5447
FAMILY Haliotidae	
<i>Haliotis asinina</i> Linnaeus, 1758	Talmadge, 1963
<i>Haliotis clathrata</i> Reeve, 1846	USNM 887465
<i>Haliotis jacicensis</i> Reeve, 1846	UGI 2137
<i>Haliotis ovina</i> Gmelin, 1791	Talmadge, 1963
<i>Haliotis varia</i> Linnaeus, 1758	ANSP 197355

SUPERFAMILY FISSURELLOIDEA	
FAMILY Fissurellidae	
SUBFAMILY Emarginulinae	
<i>Emarginula</i> cf. <i>bellula</i> A. Adams, 1851	UGI 5479
<i>Emarginula</i> cf. <i>crassicostata</i> Sowerby, 1825	UGI 5478
<i>Emarginula incisura</i> A. Adams, 1851	UGI 5477
<i>Emarginula montrouzieri</i> Souverbie, 1872	UGI 5201
<i>Emarginula punctata</i> A. Adams, 1851	UGI 5562
<i>Emarginula</i> sp.	UGI 5567
<i>Hemitoma tricarinata</i> (Born, 1778)	UGI 5381
#* <i>Rimula</i> cf. <i>propinqua</i> A. Adams, 1851	UGI 5564
<i>Scutus unguis</i> (Linnaeus, 1758)	UGI 5295
SUBFAMILY Diodorinae	
<i>Diodora</i> cf. <i>granifera</i> (Pease, 1861)	UGI 5141
<i>Diodora mus</i> (Reeve, 1850)	UGI 5138
<i>Diodora octagona</i> (Reeve, 1850)	UGI 5140
<i>Diodora quadriradiata</i> (Reeve, 1850)	UGI 5565
SUBFAMILY Fissurellidinae	
* <i>Fissurellidea</i> sp.	UGI 6892
SUPERFAMILY TROCHOIDEA	
FAMILY Turbinidae	
SUBFAMILY Liottiinae	
<i>Liotina loculosa</i> (Gould, 1859)	UGI 5364
SUBFAMILY Angariinae	
<i>Angaria delphinus</i> (Linnaeus, 1758)	UGI 5703
# <i>Angaria sphaerula</i> (Kiener, 1839)	UGI 5416
SUBFAMILY Colloniinae	
#* <i>Homalopoma nocturnum</i> (Gould, 1861)	UGI 5690
#* <i>Homalopoma</i> sp.	UGI 5689
* <i>Leptothyra inepta</i> (Gould, 1861)	UGI 6884
<i>Leptothyra</i> cf. <i>rubricincta</i> (Mighels, 1845)	UGI 5123
<i>Leptothyra verruca</i> (Gould, 1845)	UGI 5693
SUBFAMILY Turbininae	
<i>Astrea rhodostoma</i> Lamarck, 1822	UGI 2143
# <i>Bolma</i> sp.	UGI 5569
<i>Turbo argyrostomus</i> Linnaeus, 1758	UGI 5199
<i>Turbo petholatus</i> Linnaeus, 1758	UGI 3967
<i>Turbo setosus</i> Gmelin, 1791	UGI 5440
SUBFAMILY Tricoliinae	
<i>Tricolia variabilis</i> (Pease, 1861)	UGI 6862
SUBFAMILY Phasianellinae	
<i>Phasianella solida</i> (Born, 1778)	UGI 5125
FAMILY Trochidae	
SUBFAMILY Eucyclinae	
<i>Danilia eucycliformis</i> (Nomura & Hatai, 1940)	UGI 4467
<i>Euchelis corrugatus</i> Pease, 1861	UGI 5029
<i>Synaptocochlea concinna</i> (Gould, 1845)	UGI 5118
<i>Synaptocochlea</i> sp.	UGI 6863
SUBFAMILY Trochinae	
<i>Cantharidus</i> cf. <i>gilberti</i> (Fischer, 1878)	UGI 5578
<i>Clanculus atropurpureus</i> (Gould, 1849)	UGI 4486

<i>Clanculus clanguloides</i> Wood, 1828	UGI 5026
<i>Clanculus granti</i> Hedley, 1907	UGI 5548
<i>Gibbula marmorea</i> (Pease, 1861)	UGI 5686
<i>Tectus pyramis</i> (Born, 1778)	UGI 1269
<i>Thalotia ocellata</i> (A. Adams, 1861)	UGI 6811
<i>Trochus conus</i> Gmelin, 1791	UGI 5210
<i>Trochus histrio</i> Reeve, 1848	UGI 4553
<i>Trochus niloticus</i> Linnaeus, 1767	UGI 2892
<i>Trochus ochroleucus</i> Gmelin, 1791	UGI 5035
SUBFAMILY Calliostomatinae	
<i>Calliostoma</i> sp. 1	UGI 5030
#*? <i>Calliostoma</i> sp.	UGI 5688
SUBFAMILY Umboniinae	
<i>Monilea nucleus</i> Philippi, 1849	UGI 5032
<i>Monilea philippiana</i> Dunker, 1871	UGI 5028
<i>Umbonium (Ethalia) guamensis</i> Quoy & Gaimard, 1833	UGI 5033
<i>Umbonium</i> sp.	UGI 5031
SUBFAMILY Stomatellinae	
<i>Broderipia iridescent</i> (Broderip, 1834)	UGI 6812
<i>Stomatella varia</i> (A. Adams, 1850)	UGI 5456
<i>Stomatia heckeliana</i> (Crosse, 1871)	UGI 4488
* <i>Stomatia phymotis</i> Helbling, 1779	UGI 5115
<i>Stomatia rubra</i> (Lamarck, 1822)	UGI 5453
FAMILY Skeneidae	
* <i>Haplocochlias</i> sp.	UGI 6883
* <i>Leucorhynchia crossei</i> Tryon, 1888	UGI 6886
* <i>Lophocochlias</i> cf. <i>minutissimus</i> (Pilsbry, 1921)	UGI 6882
SUPERORDER NERITOPSINA	
SUPERFAMILY NERITOIDEA	
FAMILY Neritopsidae	
<i>Neritopsis radula</i> (Linnaeus, 1758)	UGI 5219
FAMILY Neritidae	
<i>Clithon corona</i> (Linnaeus, 1758)	UGI 1940
<i>Clithon ovalaniensis</i> (Lesson, 1831)	UGI 5570
<i>Clithon sowerbianus</i> (Récluz, 1843)	UGI 6813
<i>Dostia violacea</i> (Gmelin, 1791)	UGI 3564
<i>Nerita albicilla</i> Linnaeus, 1758	UGI 3433
<i>Nerita costata</i> Gmelin, 1791	UGI 5439
<i>Nerita guamensis</i> Quoy & Gaimard, 1834	UGI 3434
<i>Nerita maxima</i> Gmelin, 1791	UGI 5433
<i>Nerita plicata</i> Linnaeus, 1758	UGI 3574
<i>Nerita polita</i> Linnaeus, 1758	UGI 3584
<i>Nerita signata</i> Lamarck, 1822	UGI 5561
<i>Neritina auriculata</i> Lamarck, 1816	UGI 1903
<i>Neritina petiti</i> Récluz, 1841	UGI 6814
<i>Neritina pulligera</i> Linnaeus, 1767	UGI 5559
<i>Neritina squamipicta</i> Récluz, 1843	UGI 1904
<i>Neritina turrita</i> (Gmelin, 1791)	UGI 5469
<i>Neritina variegata</i> (Lesson, 1831)	UGI 5438
<i>Neritodryas subsulcata</i> (Sowerby, 1836)	UGI 6815
<i>Puperita bensoni</i> (Récluz, 1850)	UGI 3602

<i>Septaria lineata</i> (Lamarck, 1816)	UGI 1528
<i>Septaria porcellana</i> (Linnaeus, 1758)	UGI 1430
<i>Smaragdia rangiana</i> (Récluz, 1841)	UGI 1530
<i>Smaragdia souverbiana</i> (Montrouzier, 1863)	UGI 1525
FAMILY Phenacolepadidae	
<i>Phenacolepas scobinata</i> (Gould, 1859)	UGI 2136
FAMILY Titiscaniidae	
<i>Titiscania limacina</i> (Bergh, 1890)	UGI 6816
FAMILY Hydrocenidae	
<i>Georissa biangulata</i> Quadras & Möllendorff, 1894	UGI 6817
<i>Georissa laevigata</i> Quadras & Möllendorff, 1894	UGI 6818
<i>Georissa elegans</i> Quadras & Möllendorff, 1894	ANSP 96015
<i>Georissa</i> sp.	BPBM 162094
SUPERORDER CAENOGASTROPODA	
ORDER ARCHITAENIOGLOSSA	
SUPERFAMILY CYCLOPHOROIDEA	
FAMILY Diplommatinidae	
<i>Diplommatina hyalina</i> (Quadras & Möllendorff, 1894)	BPBM 75418
<i>Palaina taeniolata</i> Quadras & Möllendorff, 1894	UGI 6819
<i>Palaina</i> sp.	BPBM 152813
SUPERFAMILY AMPULLARIOIDEA	
FAMILY Viviparidae	
‡ <i>cf. Sinotaia magnicina</i> (Heude, 1889)	UGI 6820
FAMILY Ampullariidae	
‡ <i>Pila conica</i> (Gray, 1828)	UGI 5698
‡ <i>Pomacea canaliculata</i> (Lamarck, 1819)	UGI 6821
ORDER SORBEOCONCHA	
SUPERFAMILY CERITHIOIDEA	
FAMILY Cerithiidae	
<i>Bittium impendens</i> (Hedley, 1899)	USNM 854034
<i>Bittium sergentum</i> (Jousseaume, 1930)	UGI 6864
<i>Cerithium atromarginatum</i> Deshayes, 1828	UGI 3482
<i>Cerithium balteatum</i> Philippi, 1848	Houbrick, 1992
<i>Cerithium claviforme</i> Schepman, 1907	UGI 5916
<i>Cerithium columna</i> Sowerby, 1855	UGI 4846
<i>Cerithium coralium</i> Kiener, 1841	UGI 5519
<i>Cerithium dialeucum</i> Philippi, 1849	UGI 1265
<i>Cerithium echinatum</i> Lamarck, 1822	UGI 4903
<i>Cerithium egenum</i> Gould, 1849	UGI 4986
<i>Cerithium interstriatum</i> Sowerby, 1855	UGI 4477
#* <i>Cerithium matukense</i> Watson, 1886	UGI 5206
<i>Cerithium munitum</i> Sowerby, 1855	UGI 5005
<i>Cerithium nesioticum</i> Pilsbry & Vanatta, 1906	UGI 3557
<i>Cerithium nodulosum</i> Bruguière, 1792	UGI 2138
<i>Cerithium punctatum</i> Bruguière, 1792	UGI 5473
<i>Cerithium rostratum</i> Sowerby, 1855	UGI 5194
<i>Cerithium salebrosum</i> Sowerby, 1855	USNM 842609
<i>Cerithium zebrum</i> Kiener, 1841	UGI 5195
<i>Cerithium zonatum</i> (Wood, 1828)	UGI 4907
<i>Clypeomorus batillariaeformis</i> Habe & Kosuge, 1966	UGI 1828
<i>Clypeomorus bifasciata bifasciata</i> (Sowerby, 1855)	UGI 1298

<i>Clypeomorus inflata</i> (Quoy & Gaimard, 1834)	USNM 774572
<i>Clypeomorus nympha</i> Houbrick, 1985	UGI 5470
<i>Clypeomorus petrosa petrosa</i> (Wood, 1828)	USNM 232943
<i>Plesiotrochus pagodiformis</i> Hedley, 1907	UGI 6890
<i>Plesiotrochus unicinctus</i> (A. Adams, 1853)	UGI 6865
<i>Pseudovertagus aluco</i> (Linnaeus, 1758)	Houbrick, 1978
<i>Pseudovertagus nobilis</i> (Reeve, 1855)	UGI 5203
<i>Rhinoclavis articulata</i> (Adams & Reeve, 1850)	UGI 3449
<i>Rhinoclavis aspera</i> (Linnaeus, 1758)	UGI 4912
<i>Rhinoclavis diadema</i> Houbrick, 1978	UGI 3415
<i>Rhinoclavis fasciata</i> (Bruguière, 1792)	UGI 3537
<i>Rhinoclavis sinensis</i> (Gmelin, 1791)	UGI 5006
<i>Rhinoclavis (Proclava) sordidula</i> (Gould, 1849)	UGI 5355
FAMILY Dialidae	
* <i>Cerithidium perparvulum</i> (Watson, 1886)	UGI 6866
<i>Diala albugo</i> (Watson, 1886)	Ponder and de Keyzer, 1992
* <i>Diala flammnea</i> (Pease, 1867)	UGI 6867
<i>Diala semistriata</i> (Philippi, 1849)	Ponder and de Keyzer, 1992
<i>Finella pupoides</i> A. Adams, 1860	UGI 5202
* <i>Scaliola bella</i> Adams, 1860	UGI 6868
FAMILY Turritellidae	
<i>Turritella cingulifera</i> Sowerby, 1825	UGI 5484
FAMILY Siliquariidae	
<i>Siliquaria</i> sp.	UGI 5699
FAMILY Planaxidae	
SUBFAMILY Planaxinae	
<i>Angiola fasciata</i> (Gould, 1868)	UGI 3462
<i>Fissilabia decollata</i> (Quoy & Gaimard, 1834)	UGI 3569
<i>Planaxis sulcatus</i> (Born, 1780)	UGI 1246
SUBFAMILY Fossariniae	
<i>Fossarus trochlearis</i> (A. Adams, 1855)	UGI 6822
FAMILY Thiaridae	
<i>Melanoides tuberculata</i> (Müller, 1774)	UGI 5542
<i>Melanoides riqueti</i> (Grateloup, 1840)	UGI 6823
<i>Stenomelania plicaria</i> (Born, 1780)	UGI 6824
<i>Thiara granifera</i> Lamarck, 1816	UGI 5549
<i>Thiara scabra</i> Müller, 1774	UGI 6825
FAMILY Modulidae	
<i>Modulus tectum</i> (Gmelin, 1791)	UGI 1536
SUBORDER HYPSOGASTROPODA	
Infraorder LITTORINIMORPHA	
SUPERFAMILY LITTORINOIDEA	
FAMILY Littorinidae	
<i>Littoraria (Littoraria) coccinea</i> (Gmelin, 1791)	UGI 1267
<i>Littoraria (Littoraria) undulata</i> (Gray, 1839)	UGI 3605
<i>Littoraria (Littorinopsis) intermedia</i> (Philippi, 1846)	Reid, 1986
<i>Littoraria (Littorinopsis) pallescens</i> (Philippi, 1846)	UGI 6826
<i>Littoraria (Littorinopsis) scabra</i> (Linnaeus, 1758)	UGI 1250
<i>Littoraria (Protolittoraria) pintado</i> (Wood, 1828)	UGI 5109
<i>Nodilittorina (Nodilittorina) trochoides</i> (Gray, 1839)	Rosewater, 1970
<i>Peasiella conoidalis</i> (Pease, 1868)	UGI 3573

<i>Tectarius (Echininiopsis) viviparus</i> (Rosewater, 1982)	UGI 1335
FAMILY Pickworthiidae	
* <i>Reynellona</i> sp.	UGI 6827
* <i>Sansonina shigemitsui</i> Kase, 1998	UGI 6828
* <i>Sansonina</i> sp.	UGI 6829
SUPERFAMILY RISOOIDEA	
FAMILY Rissoidae	
<i>Alvania crystallina</i> (Garrett, 1873)	UGI 6869
<i>Alvania isolata</i> (Laseron, 1956)	UGI 6896
* <i>Merelina hewa</i> Kay, 1979	UGI 6870
* <i>Pyramidelloides</i> sp.	UGI 6871
<i>Rissoina ambigua</i> (Gould, 1849)	UGI 4984
<i>Rissoina balteata</i> Pease, 1869	UGI 5370
<i>Zebina tridentata</i> (Michaud, 1830)	UGI 5483
FAMILY Assimineidae	
<i>Assiminea nitida guamensis</i> Abbott, 1949	UGI 6830
<i>Allepithema fulvum</i> Quadras & Möllendorff, 1894	UGI 6831
<i>Allepithema glabratum</i> Quadras & Möllendorff, 1894	BPBM 152733
<i>Allepithema pyramis</i> Quadras & Möllendorff, 1894	ANSP 96334
<i>Allepithema quadrasi</i> Möllendorff, 1894	UGI 6832
<i>Allepithema tuberculatum</i> Quadras & Möllendorff, 1894	Quadras & Möllendorff, 1894
<i>Allepithema turritum</i> Quadras & Möllendorff, 1894	Quadras & Möllendorff, 1894
<i>Omphalotropis cookei</i> Abbott, 1949	Abbott, 1949
<i>Omphalotropis elegans</i> Quadras & Möllendorff, 1894	BPBM 86244
<i>Omphalotropis elongatula</i> Quadras & Möllendorff, 1894	UGI 6833
<i>Omphalotropis erosa</i> Quadras & Möllendorff, 1894	BPBM 75301
<i>Omphalotropis gracilis</i> Quadras & Möllendorff, 1894	Quadras & Möllendorff, 1894
<i>Omphalotropis guamensis</i> Pfeiffer, 1857	BPBM 188976
<i>Omphalotropis laevigata</i> Quadras & Möllendorff, 1894	Quadras & Möllendorff, 1894
<i>Omphalotropis laticosta</i> Quadras & Möllendorff, 1894	BPBM 75332
<i>Omphalotropis latilabris</i> Quadras & Möllendorff, 1894	ANSP 81689
<i>Omphalotropis ochthogrya</i> Quadras & Möllendorff, 1894	Quadras & Möllendorff, 1894
<i>Omphalotropis picta</i> Quadras & Möllendorff, 1894	ANSP 45505
<i>Omphalotropis pilosa</i> Quadras & Möllendorff, 1894	Quadras & Möllendorff, 1894
<i>Omphalotropis semicostulata</i> Quadras & Möllendorff, 1894	Quadras & Möllendorff, 1894
<i>Omphalotropis submaritima</i> Quadras & Möllendorff, 1894	Quadras & Möllendorff, 1894
<i>Omphalotropis suturalis</i> Quadras & Möllendorff, 1894	Quadras & Möllendorff, 1894
<i>Omphalotropis quadrasi</i> Möllendorff, 1894	UGI 6834
<i>Paludinella conica</i> (Quadras & Möllendorff, 1894)	Quadras & Möllendorff, 1894
<i>Quadrasiella clathrata</i> Möllendorff, 1894	BPBM 188981
<i>Quadrasiella mucronata</i> Möllendorff, 1894	UGI 6835
FAMILY Truncatellidae	
<i>Taheitia alata</i> Quadras & Möllendorff, 1894	UGI 6836
<i>Taheitia lamellicosta</i> Quadras & Möllendorff, 1894	Clench & Turner, 1948
<i>Taheitia mariannarum</i> Quadras & Möllendorff, 1894	ANSP 81322
<i>Taheitia parvula</i> Quadras & Möllendorff, 1894	ANSP 96294
<i>Truncatella (Truncatella) guerinii</i> A. & J.B. Villa, 1841	UGI 5184
FAMILY Caecidae	
<i>Caecum glabella</i> A. Adams, 1868	UGI 6837
* <i>Caecum vertebrale</i> Hedley, 1899	UGI 6872
* <i>Caecum</i> sp.	UGI 6893

* <i>Elephantulum</i> sp.	UGI 6873
* <i>Meioceras</i> sp.	UGI 6874
* <i>Micranellum</i> sp.	UGI 6880
<i>Strebloceras</i> cf. <i>subannulatum</i> de Folin, 1879	UGI 6897
FAMILY Vitrinellidae	
* <i>Cyclostremiscus novemcarinatus</i> (Melvill, 1907)	UGI 6838
<i>Solariorbis tricarinata</i> (Melvill & Standen, 1896)	UGI 5472
SUPERFAMILY STROMBOIDEA	
FAMILY Strombidae	
<i>Lambis chiragra</i> (Linnaeus, 1758)	UGI 3952
<i>Lambis crocata</i> (Link, 1807)	UGI 5150
<i>Lambis lambis</i> (Linnaeus, 1758)	UGI 3947
<i>Lambis scorpius scorpius</i> (Linnaeus, 1758)	UGI 3951
<i>Lambis truncata sebae</i> (Kiener, 1843)	UGI 3831
<i>Strombus bulla</i> (Röding, 1798)	UGI 5310
<i>Strombus dentatus</i> Linnaeus, 1758	UGI 4877
<i>Strombus fragilis</i> (Röding, 1798)	UGI 3941
<i>Strombus gibberulus gibbosus</i> (Röding, 1798)	UGI 1432
<i>Strombus haemastoma</i> Sowerby, 1842	UGI 4840
<i>Strombus lentiginosus</i> Linnaeus, 1758	UGI 1873
<i>Strombus luhuanus</i> Linnaeus, 1758	UGI 3927
<i>Strombus maculatus</i> Sowerby, 1842	UGI 5308
<i>Strombus microurceus</i> (Kira, 1959)	UGI 3929
<i>Strombus mutabilis mutabilis</i> Swainson, 1821	UGI 3944
* <i>Strombus pipus</i> (Röding, 1798)	UGI 5386
<i>Strombus plicatus pulchellus</i> Reeve, 1851	UGI 5102
<i>Strombus sinuatus</i> Humphrey, 1786	UGI 5684
<i>Strombus taurus</i> Reeve, 1857	UGI 3953
* <i>Strombus terebellatus</i> Sowerby, 1842	UGI 6839
<i>Strombus wilsoni</i> Abbott, 1967	UGI 5168
FAMILY Seraphidae	
<i>Terebellum terebellum</i> (Linnaeus, 1758)	UGI 3955
SUPERFAMILY VANIKOROIDEA	
FAMILY Hipponicidae	
<i>Cheilea equestris</i> (Linnaeus, 1758)	UGI 3523
<i>Hipponix (Antisabia) foliaceus</i> (Quoy & Gaimard, 1835)	UGI 5536
# <i>Malluvium lissum</i> (E. A. Smith, 1894)	UGI 5296
<i>Sabia conica</i> (Schumacher, 1817)	UGI 5700
FAMILY Vanikoridae	
<i>Vanikoro acuta</i> (Récluz, 1844)	UGI 5537
<i>Vanikoro cancellata</i> (Lamarck, 1822)	UGI 3458
* <i>Vanikoro distans</i> (Récluz, 1844)	UGI 5555
<i>Vanikoro helicoidea</i> (Le Guillou, 1842)	UGI 5120
SUPERFAMILY CAPULOIDEA	
FAMILY Capulidae	
<i>Capulus bicarinatus</i> (Pease, 1861)	UGI 5380
SUPERFAMILY XENOPHOROIDEA	
FAMILY Xenophoridae	
#* <i>Xenophora cf. cerea</i> (Reeve, 1845)	UGI 5450

SUPERFAMILY VERMETOIDEA

FAMILY Vermetidae

<i>Dendropoma gregaria</i> Hadfield & Kay, 1972	UGI 5390
<i>Dendropoma maxima</i> Sowerby, 1825	UGI 5393
<i>Dendropoma meroclista</i> Hadfield & Kay, 1972	UGI 5392
<i>Dendropoma platypus</i> Mörcz, 1861	UGI 5389
<i>Petaloconchus keenae</i> Hadfield & Kay, 1972	UGI 5394
<i>Petaloconchus</i> sp. 1	UGI 5387
<i>Petaloconchus</i> sp. 2	UGI 5388
<i>Serpulorbis variabilis</i> Hadfield & Kay, 1972	UGI 6898

SUPERFAMILY CYPRAEAOIDEA

FAMILY Cypraeidae

<i>Cypraea annulus</i> Linnaeus, 1758	UGI 3577
<i>Cypraea arabica</i> Linnaeus, 1758	UGI 4767
<i>Cypraea argus</i> Linnaeus, 1758	UGI 5096
<i>Cypraea asellus</i> Linnaeus, 1758	Cate, 1969
<i>Cypraea aurantium</i> Gmelin, 1791	UGI 5714
<i>Cypraea beckii</i> Gaskoin, 1836	UGI 4790
<i>Cypraea bistrinotata</i> Schilder & Schilder, 1937	UGI 4789
<i>Cypraea caputserpentis</i> Linnaeus, 1758	UGI 1301
<i>Cypraea carneola</i> Linnaeus, 1758	UGI 4791
<i>Cypraea caurica</i> Linnaeus, 1758	Cate, 1969
<i>Cypraea childreni</i> Gray, 1825	UGI 5710
* <i>Cypraea chinensis</i> Gmelin, 1791	UGI 5497
<i>Cypraea cicercula</i> Linnaeus, 1758	UGI 4793
<i>Cypraea clandestina</i> Linnaeus, 1767	UGI 4778
* <i>Cypraea contaminata</i> Sowerby, 1832	UGI 5509
<i>Cypraea cibraria</i> Linnaeus, 1758	UGI 4798
<i>Cypraea cylindrica</i> Born, 1778	UGI 4760
<i>Cypraea depressa</i> Gray, 1824	UGI 4137
<i>Cypraea dillwyni</i> (Schilder, 1922)	UGI 5322
<i>Cypraea eglantina</i> Duclos, 1833	UGI 4770
<i>Cypraea erosa</i> Linnaeus, 1758	UGI 5062
<i>Cypraea errores</i> Linnaeus, 1758	Cate, 1969
<i>Cypraea felina</i> Gmelin, 1791	Cate, 1969
<i>Cypraea fimbriata</i> Gmelin, 1791	UGI 4777
<i>Cypraea globulus</i> Linnaeus, 1758	UGI 4781
* <i>Cypraea goodalli</i> Sowerby, 1832	UGI 5609
<i>Cypraea gracilis</i> Gaskoin, 1849	UGI 5376
<i>Cypraea helvola</i> Linnaeus, 1758	UGI 4759
<i>Cypraea hirundo</i> Linnaeus, 1758	UGI 4771
<i>Cypraea irrorata</i> Gray, 1828	Cate, 1969
<i>Cypraea isabella</i> Linnaeus, 1758	UGI 4808
<i>Cypraea kieneri</i> Hidalgo, 1906	UGI 4797
<i>Cypraea labrolineata</i> Gaskoin, 1849	UGI 4796
<i>Cypraea levithan</i> Schilder & Schilder, 1937	Cate, 1969
* <i>Cypraea limacina</i> Lamarck, 1810	UGI 5482
* <i>Cypraea lutea</i> Gmelin, 1791	UGI 5475
<i>Cypraea lynx</i> Linnaeus, 1758	UGI 4774
<i>Cypraea maculifera</i> Schilder, 1932	UGI 4769
<i>Cypraea mappa</i> Linnaeus, 1758	UGI 4764

<i>Cypraea margarita</i> Dillwyn, 1817	UGI 4772
<i>Cypraea mariae</i> Schilder, 1927	UGI 4794
<i>Cypraea mauritiana</i> Linnaeus, 1758	UGI 5133
<i>Cypraea microdon</i> Gray, 1828	UGI 5715
<i>Cypraea moneta</i> Linnaeus, 1758	UGI 1311
<i>Cypraea nucleus</i> Linnaeus, 1758	UGI 4786
<i>Cypraea onyx</i> Linnaeus, 1758	Cate, 1969
<i>Cypraea ovum</i> Gmelin, 1791	Cate, 1969
<i>Cypraea poraria</i> Linnaeus, 1758	UGI 4782
<i>Cypraea punctata</i> Linnaeus, 1771	UGI 4802
<i>Cypraea schilderorum</i> (Iredale, 1939)	Cate, 1969
<i>Cypraea scurra</i> Gmelin, 1791	UGI 4779
<i>Cypraea staphylaea</i> Linnaeus, 1758	UGI 4762
<i>Cypraea stolidia</i> Linnaeus, 1758	UGI 4766
<i>Cypraea talpa</i> Linnaeus, 1758	UGI 4144
<i>Cypraea teres</i> Gmelin, 1791	UGI 4761
<i>Cypraea testudinaria</i> Linnaeus, 1758	UGI 4141
<i>Cypraea tigris</i> Linnaeus, 1758	UGI 4773
* <i>Cypraea ursellus</i> Gmelin, 1791	UGI 6840
<i>Cypraea ventriculus</i> Lamarck, 1810	UGI 3498
<i>Cypraea vitellus</i> Linnaeus, 1758	UGI 4368
<i>Cypraea ziczac</i> Linnaeus, 1758	UGI 5013
FAMILY Ovulidae	
SUBFAMILY Ovulinae	
<i>Acyvolva lanceolata</i> (Sowerby, 1848)	UGI 1542
* <i>Calpurnus lacteus</i> (Lamarck, 1810)	UF 21478
<i>Calpurnus verrucosus</i> (Linnaeus, 1758)	UGI 5260
<i>Crenavolva formosa</i> (A. Adams & Reeve, 1848)	UGI 5395
<i>Crenavolva</i> cf. <i>striatula</i> (Sowerby, 1828)	UGI 5367
# <i>Dentiovula</i> sp. 1	UGI 5706
# <i>Dentiovula</i> sp. 2	UGI 5707
<i>Ovula ovum</i> (Linnaeus, 1758)	UGI 4986
<i>Phenacovolva angasi</i> (Reeve, 1865)	UGI 5531
# <i>Phenacovolva longirostrata</i> (Sowerby, 1828)	UGI 5704
# <i>Prionovolva brevis</i> (Sowerby, 1828)	UGI 6841
<i>Pseudocypraea adamsonii</i> (Sowerby, 1832)	UGI 5366
SUBFAMILY Pediculariinae	
#* <i>Pedicularia stylasteris</i> Hedley, 1903	UGI 5530
SUPERFAMILY VELUTINOIDEA	
FAMILY Triviidae	
<i>Lachryma sulcifera</i> (Sowerby, 1832)	UGI 5368
<i>Trivia edgari</i> Shaw, 1909	UGI 5520
<i>Trivia exigua</i> (Gray, 1831)	UGI 5445
<i>Trivirostra shawi</i> Schilder, 1933	UGI 5701
FAMILY Lamellariidae	
<i>Lamellaria</i> sp. 1	UGI 6842
<i>Lamellaria</i> sp. 2	UGI 6843
SUPERFAMILY NATICOIDEA	
FAMILY Naticidae	
SUBFAMILY Naticiniae	
<i>Natica arachnoidea</i> (Gmelin, 1791)	UGI 5917

<i>Natica areolata</i> Récluz, 1844	UGI 5356
<i>Natica bougei</i> Sowerby, 1908	UGI 5159
<i>Natica cernica</i> Récluz, 1844	UGI 5385
<i>Natica gualtieriana</i> Récluz, 1844	UGI 3597
<i>Natica onca</i> (Röding, 1798)	UGI 5544
<i>Natica orientalis</i> Gmelin, 1791	UGI 5696
SUBFAMILY Poliniciniae	
<i>Polinices mammilla</i> (Linnaeus, 1758)	UGI 4934
<i>Polinices melanostomus</i> (Gmelin, 1791)	UGI 4933
<i>Polinices melanostomoides</i> (Quoy & Gaimard, 1833)	UGI 5284
<i>Polinices simiae</i> (Deshayes, 1838)	UGI 5467
SUPERFAMILY TONNOIDEA	
FAMILY Bursidae	
<i>Bursa bubo</i> (Linnaeus, 1758)	UGI 3956
<i>Bursa bufo</i> (Gmelin, 1791)	UGI 1341
<i>Bursa cruentata</i> (Sowerby, 1835)	UGI 1257
<i>Bursa granularis</i> (Röding, 1798)	UGI 3474
<i>Bursa lamarcki</i> (Deshayes, 1853)	UGI 5097
† <i>Bursa latitudo</i> Garrard, 1961	UGI 3966
<i>Bursa mammata</i> (Röding, 1798)	UGI 4366
<i>Bursa rhodostoma</i> (Sowerby, 1835)	UGI 4480
<i>Bursa rubeta</i> (Röding, 1798)	UGI 6844
<i>Bursa tuberosissima</i> (Reeve, 1844)	UGI 5522
FAMILY Cassidae	
SUBFAMILY Cassinae	
<i>Cassis cornuta</i> (Linnaeus, 1758)	UGI 3833
SUBFAMILY Phaliinae	
<i>Casmaria erinaceus</i> (Linnaeus, 1758)	UGI 5018
<i>Casmaria ponderosa</i> (Gmelin, 1791)	UGI 4973
†* <i>Phalium bisulcatum</i> (Schubert & Wagner, 1829)	UGI 4334
†* <i>Phalium (Echinophoria) kurodai</i> Abbott, 1968	UGI 5434
FAMILY Personidae	
<i>Distorsio anus</i> (Linnaeus, 1758)	UGI 3412
<i>Personopsis pusilla</i> (Pease, 1860)	UGI 5094
FAMILY Ranellidae	
SUBFAMILY Ranellinae	
#* <i>Gyrineum louisae</i> Lewis, 1974	UGI 5442
<i>Gyrineum pusillum</i> (Broderip, 1832)	UGI 5266
<i>Gyrineum roseum</i> (Reeve, 1844)	UGI 5232
SUBFAMILY Cymatiinae	
<i>Charonia tritonis</i> (Linnaeus, 1758)	UGI 4196
<i>Cymatium aquatile</i> (Reeve, 1844)	UGI 4280
<i>Cymatium clandestinum</i> (Lamarck, 1822)	UGI 3926
<i>Cymatium gemmatum</i> (Reeve, 1844)	UGI 4093
* <i>Cymatium cf. exile</i> (Reeve, 1844)	UGI 5702
#* <i>Cymatium cf. gracile</i> (Reeve, 1844)	UGI 5419
#* <i>Cymatium gutturnium</i> (Röding, 1798)	UGI 5288
<i>Cymatium hepaticum</i> (Röding, 1798)	UGI 1261
<i>Cymatium intermedium</i> (Pease, 1869)	Kay, 1979
<i>Cymatium labiosum</i> (Wood, 1828)	UGI 5269
<i>Cymatium lotorum</i> (Linnaeus, 1758)	UGI 3921

<i>Cymatium muricinum</i> (Röding, 1798)	UGI 4350
<i>Cymatium nicobaricum</i> (Röding, 1798)	UGI 4087
<i>Cymatium parthenopeum</i> (von Salis, 1793)	ANSP 197503
<i>Cymatium pileare</i> (Linnaeus, 1758)	UGI 5036
<i>Cymatium pyrum</i> (Linnaeus, 1758)	UGI 3506
<i>Cymatium rubeculum</i> (Linnaeus, 1758)	UGI 4505
# <i>Cymatium vespaceum</i> (Lamarck, 1822)	UGI 5532
<i>Gelagna succincta</i> (Linnaeus, 1771)	ANSP 197524
† <i>Sassia</i> sp.	UGI 5437
FAMILY Tonnidae	
<i>Malea pomum</i> (Linnaeus, 1758)	UGI 4890
<i>Tonna cepa</i> (Röding, 1798)	UGI 5745
<i>Tonna perdix</i> (Linnaeus, 1758)	UGI 5015
SUPERFAMILY CARINARIOIDEA	
FAMILY Atlantidae	
<i>Atlanta gaudichaudi</i> Gray, 1850	UGI 6845
#* <i>Atlanta</i> sp. [" <i>inclinata</i> " group]	UGI 6846
FAMILY Carinariidae	
<i>Carinaria cristata</i> (Linnaeus, 1767) cf. <i>forma japonica</i> Okutani	UGI 5711
Infraorder PTENOGLOSSA	
SUPERFAMILY TRIPHOROIDEA	
FAMILY Triphoridae	
SUBFAMILY Metaxiinae	
<i>Metaxia</i> sp.	UGI 6889
SUBFAMILY Iniforinae	
<i>Iniforis formosula</i> (Hervier, 1897)	UGI 5526
SUBFAMILY Mastoniinae	
<i>Cautor minutulus</i> Kosuge, 1974	Kosuge, 1974
<i>Inella maxillaris</i> (Hinds, 1843)	UGI 5527
<i>Mastonia guamensis</i> Kosuge, 1974	UGI 6847
<i>Mastonia rubra</i> (Hinds, 1843)	UGI 5528
<i>Viriola</i> cf. <i>corrugata</i> (Hinds, 1843)	UGI 5302
<i>Viriola elegans</i> (Hinds, 1843)	UGI 5306
FAMILY Cerithiopsidae	
<i>Ataxocerithium fucatum</i> (Pease, 1861)	UGI 5322
<i>Cerithiopsis</i> sp.	UGI 5228
<i>Joculator semipictus</i> (Gould, 1861)	UGI 5220
SUPERFAMILY JANTHINOIDEA	
FAMILY Janthinidae	
<i>Janthina</i> sp.	UGI 6848
FAMILY Epitonidae	
#* <i>Cirsotrema</i> cf. <i>varicosa</i> (Lamarck, 1822)	UGI 5692
#* <i>Clathroscalpa cerea</i> Masahito, Kuroda & Habe, 1971	UGI 5691
#* <i>Epitonium hyalinum</i> (Sowerby, 1847)	UGI 5426
<i>Epitonium thorsoni</i> DuShane, 1988	DuShane, 1988
<i>Epitonium</i> sp.	UGI 5471
FAMILY Eulimidae	
* <i>Bacula lamberti</i> (Souverbie, 1875)	UGI 6849
<i>Hypermastus mareticola</i> Warén & Norris, 1994	Warén & Norris, 1994
<i>Melanella cumingii</i> (A. Adams, 1854)	UGI 5524
<i>Echineulima</i> cf. <i>robusta</i> (Pease, 1860)	UGI 5320

<i>Eulima dufresnei</i> (Bowdich, 1822)	ANSP 349713
* <i>Eulima metcalfei</i> (A. Adams, 1853)	UGI 6875
<i>Stilifer linckiae</i> Sarasin & Sarasin, 1887	UGI 5019
Infraorder NEOGASTROPODA	
SUPERFAMILY MURICOIDEA	
FAMILY Muricidae	
SUBFAMILY Muricinae	
<i>Aspella anceps</i> (Lamarck, 1822)	UGI 5432
<i>Aspella producta</i> (Pease, 1861)	UGI 5746
<i>Aspella schroederi</i> Houart, 1996	Houart, 1996
<i>Chicomurex laciniatus</i> (Sowerby, 1841)	UGI 5191
# <i>Chicomurex venustulus</i> (Rehder & Wilson, 1975)	UGI 5610
# <i>Chicoreus aculeatus</i> (Lamarck, 1822)	UGI 5420
<i>Chicoreus brunneus</i> (Link, 1807)	UGI 1283
<i>Chicoreus ramosus</i> (Linnaeus, 1758)	UGI 4011
<i>Chicoreus saulii</i> (Sowerby, 1841)	UGI 5677
<i>Dermomurex cf. neglecta</i> Habe & Kosuge, 1971	UGI 5668
<i>Marchia bipinnata</i> (Reeve, 1845)	UGI 5551
<i>Marchia elongata</i> (Lightfoot, 1786)	UGI 5552
<i>Marchia laqueata</i> (Sowerby, 1841)	UGI 4000
<i>Marchia martinetana</i> (Röding, 1798)	UGI 5190
<i>Marchia triptera</i> (Born, 1778)	UGI 5550
# <i>Naquetia annandalei</i> (Preston, 1910)	UGI 5500
<i>Naquetia trigonula</i> (Lamarck, 1816)	UGI 3922
* <i>Naquetia triquetra</i> (Born, 1778)	UGI 5384
#* <i>Pterynotus orchidifloris</i> (Shikama, 1973)	UGI 5553
SUBFAMILY Muricopsinae	
* <i>Favartia brevicula</i> (Sowerby, 1834)	UGI 5101
<i>Favartia guamensis</i> Emerson & D'Attilio, 1979	UGI 5316
<i>Favartia cf. salmonaea</i> (Melvill & Standen, 1899)	UGI 6850
# <i>Favartia</i> sp.	UGI 5436
<i>Homalocantha anatomica</i> (Perry, 1811)	UGI 5113
<i>Murexiella conleyi</i> (Houart, 1999)	UGI 5431
* <i>Murexiella cf. munda</i> (Reeve)	UGI 6851
# <i>Muricopsis</i> sp. 1	UGI 5354
# <i>Muricopsis</i> sp. 2	UGI 5422
<i>Vitularia miliaris</i> (Gmelin, 1791)	UGI 3999
SUBFAMILY Ergalatinae	
<i>Ergalatax margariticola</i> (Broderip, 1832)	ANSP 338236
<i>Maculotriton bracteatus</i> (Hinds, 1844)	UGI 3466
<i>Maculotriton serrialis</i> (Deshayes, 1834)	ANSP 197388
<i>Muricodrupa fenestrata</i> (Blainville, 1832)	UGI 2227
<i>Muricodrupa fiscella</i> (Gmelin, 1791)	UGI 1918
<i>Muricodrupa funiculus</i> (Wood, 1828)	UGI 3481
<i>Muricodrupa triangulata</i> (Pease, 1868)	UGI 5261
<i>Pascula benedicta</i> (Melvill & Standen, 1895)	UGI 5510
<i>Pascula lefeuvreiana</i> (Tapparone Canefri, 1880)	Houart, 1995
<i>Phyllocoma convolutum</i> (Broderip, 1833)	UGI 5709
SUBFAMILY Rapaninae	
<i>Drupa clathrata</i> (Lamarck, 1816)	UGI 4119
<i>Drupa grossularia</i> Röding, 1798	UGI 3986

<i>Drupa morum</i> Röding, 1798	UGI 4058
<i>Drupa ricinus</i> (Linnaeus, 1758)	UGI 2111
<i>Drupa rubusidaeus</i> Röding, 1798	UGI 3991
<i>Drupella elata</i> (Blainville, 1832)	UGI 1401
<i>Drupella fragum</i> (Blainville, 1832)	UGI 1746
<i>Drupella gibba</i> (Pease, 1873)	UGI 5187
<i>Drupella ochrostoma</i> (Blainville, 1832)	UGI 3993
<i>Drupella rugosa</i> (Born, 1778)	UGI 4015
<i>Habromorula biconica</i> (Blainville, 1832)	UGI 4080
<i>Habromorula dumosa</i> (Conrad, 1837)	ANSP 404698
<i>Habromorula spinosa</i> (H. & A. Adams, 1853)	UGI 3997
<i>Morula anaxeres</i> (Kiener, 1835)	UGI 5343
<i>Morula angulata</i> (Sowerby, 1893)	Houart, 2000
<i>Morula echinata</i> (Reeve, 1846)	UGI 5117
<i>Morula granulata</i> (Duclous, 1832)	UGI 4004
<i>Morula nodicostata</i> (Pease, 1868)	UGI 4013
<i>Morula parva</i> (Pease, 1868)	UGI 5345
<i>Morula rodgersi</i> Houart, 2000	UGI 6852
<i>Morula squamosa</i> (Pease, 1867)	UGI 4062
<i>Morula uva</i> (Röding, 1798)	UGI 3400
<i>Nassa serta</i> (Bruguière, 1789)	UGI 1384
<i>Purpura persica</i> (Linnaeus, 1758)	UGI 4839
<i>Thais aculeata</i> (Deshayes, 1844)	UGI 1423
<i>Thais armigera</i> (Link, 1807)	UGI 4008
<i>Thais intermedia</i> (Kiener, 1835)	UGI 1421
<i>Thais kieneri</i> (Deshayes, 1844)	UGI 6853
<i>Thais</i> cf. <i>luteostoma</i> (Holten, 1803)	UGI 5543
<i>Thais tuberosa</i> (Röding, 1798)	UGI 4007
<i>Vexilla vexillum</i> (Gmelin, 1791)	UGI 5462
SUBFAMILY Coralliophilinae	
<i>Coralliobia robillardii</i> (Lienard, 1870)	UGI 5705
<i>Coralliophila abnormis</i> (Smith, 1878)	UGI 5579
<i>Coralliophila bulbiformis</i> (Conrad, 1837)	UGI 5024
<i>Coralliophila costularis</i> (Lamarck, 1816)	UGI 5676
<i>Coralliophila erosa</i> (Röding, 1798)	UGI 5022
<i>Coralliophila squamosissima</i> (E. A. Smith, 1876)	UGI 1238
<i>Coralliophila violacea</i> (Kiener, 1836)	UGI 1281
<i>Leptoconchus striatus</i> Rüppell, 1835	UGI 5547
* <i>Magilus antiquus</i> Montfort, 1810	UGI 5545
* <i>Magilus lamarcki</i> (Deshayes, 1863)	UGI 5546
<i>Quoyula monodonta</i> (Blainville, 1832)	UGI 1319
<i>Rapa rapa</i> (Linnaeus, 1758)	UGI 4221
<i>Rapa</i> sp.	UGI 6891
# <i>Rhizochilus antipathicus</i> Steenstrup, 1850	UGI 5490
FAMILY Turbinellidae	
SUBFAMILY Vasinae	
<i>Vasum ceramicum</i> (Linnaeus, 1758)	UGI 1346
<i>Vasum turbinellus</i> (Linnaeus, 1758)	UGI 1270
SUBFAMILY Ptychatractinae	
† <i>Benthovoluta hilgendorfi</i> (von Martens, 1897)	UGI 3842

FAMILY Buccinidae	
SUBFAMILY Photinae	
† <i>Nassaria (Nassaria) acuminata</i> (Reeve, 1844)	UGI 5424
SUBFAMILY Pisaniinae	
<i>Cantharus fumosus</i> (Dillwyn, 1817)	UGI 1287
<i>Cantharus undosus</i> (Linnaeus, 1758)	UGI 4340
<i>Clivipollia fragaria</i> (Wood, 1828)	UGI 5009
<i>Clivipollia pulcher</i> (Reeve, 1846)	UGI 5196
<i>Clivipollia wagneri</i> (Anton, 1839)	UGI 4814
<i>Engina farinosa</i> (Gould, 1869)	UGI 5011
* <i>Engina mendicaria</i> (Linnaeus, 1758)	UGI 5346
<i>Engina phasinola</i> (Duclos, 1840)	UGI 4337
<i>Engina zonalis</i> (Lamarck, 1822)	UGI 5004
<i>Pisania ignea</i> (Gmelin, 1791)	UGI 5263
<i>Pisania truncata</i> (Hinds, 1844)	UGI 5374
<i>Prodotia iostomus</i> (Gray, 1834)	UGI 4338
<i>Prodotia lannumi</i> (Schwengel, 1950)	Cernohorsky, 1986
SUBFAMILY Colubrariinae	
<i>Colubraria fantomei</i> Garrard, 1961	UGI 5105
<i>Colubraria muricata</i> (Lightfoot, 1786)	UGI 5400
<i>Colubraria nitidula</i> (Sowerby, 1833)	UGI 5397
<i>Colubraria tortuosa</i> (Reeve, 1844)	UGI 5192
FAMILY Columbellidae	
SUBFAMILY Columbellinae	
<i>Euplica deshayesii</i> (Crosse, 1859)	UGI 4917
<i>Euplica turturina</i> (Lamarck, 1822)	UGI 4473
<i>Euplica varians</i> (Sowerby, 1832)	UGI 5309
SUBFAMILY Pyreninae	
<i>Aesopus spiculus</i> (Duclos, 1846)	UGI 5304
<i>Mitrella ligula</i> (Duclos, 1840)	UGI 4919
<i>Mitrella margarita</i> (Reeve, 1859)	UGI 5749
<i>Mitrella marquesa</i> (Gaskoin, 1852)	UGI 5297
<i>Pyrene flava</i> (Bruguière, 1789)	UGI 4490
<i>Pyrene ocellata</i> (Link, 1807)	UGI 3447
<i>Pyrene punctata</i> (Bruguière, 1789)	UGI 4920
* <i>Seminella</i> sp.	UGI 6876
<i>Zafra mitriformis</i> A. Adams, 1860	UGI 5349
<i>Zafra regulus</i> (Souverbie, 1864)	UGI 5350
FAMILY Nassariidae	
<i>Hebra horrida</i> (Dunker, 1847)	UGI 5925
<i>Nassarius (Alectriion) glans</i> (Linnaeus, 1758)	UGI 5915
<i>Nassarius (Alectriion) papillosus</i> (Linnaeus, 1758)	UGI 5008
<i>Nassarius (Hima) pauperus</i> (Gould, 1850)	UGI 5227
<i>Nassarius (Niotta) albescens albescens</i> (Dunker, 1846)	Cernohorsky, 1984
<i>Nassarius (Niotta) splendidulus</i> (Dunker, 1846)	UGI 5487
<i>Nassarius (Niotta) grunerii</i> (Dunker, 1846)	Cernohorsky, 1984
<i>Nassarius (Plicarularia) granifer</i> (Kiener, 1834)	UGI 2142
<i>Nassarius (Plicarularia) oneratus</i> (Deshayes, 1863)	UGI 4976
<i>Nassarius (Plicarularia) troendleorum</i> Cernohorsky, 1980	UGI 5481
#* <i>Nassarius (Profundinassa) babylonicus</i> (Watson, 1882)	UGI 5697
<i>Nassarius (Telasco) gaudiosus</i> (Hinds, 1844)	UGI 3513

<i>Nassarius (Telasco) luridus</i> (Gould, 1850)	Cernohorsky, 1984
<i>Nassarius (Telasco) sufflatus</i> (Gould, 1860)	UGI 6879
<i>Nassarius (Zeuxis) cf. castus</i> (Gould, 1850)	UGI 5488
<i>Nassarius (Zeuxis) comptus</i> (A. Adams, 1852)	UGI 5111
<i>Nassarius (Zeuxis) concinnus</i> (Powys, 1835)	UGI 5313
<i>Nassarius (Zeuxis) margaritifer</i> (Dunker, 1847)	UGI 1288
FAMILY Fasciolariidae	
SUBFAMILY Fasciolariinae	
#* <i>Falsilatirus pacificus</i> Emerson & Moffitt, 1988	UGI 5743
#* <i>Fusolatirus kuroseanus</i> Okutani, 1975	UGI 5205
SUBFAMILY Fusininae	
<i>Fusinus undatus</i> (Gmelin, 1791)	UGI 5311
SUBFAMILY Peristerniinae	
<i>Dolicholatirus lancea</i> (Gmelin, 1971)	UGI 6854
<i>Latirus craticulatus</i> (Linnaeus, 1758)	UGI 1259
<i>Latirus maculatus</i> (Reeve, 1860)	UGI 5265
<i>Latirus nodatus</i> (Gmelin, 1791)	UGI 3406
<i>Latirus noumeensis</i> (Crosse, 1870)	UGI 5314
<i>Latirus polygonus barclayi</i> (Reeve, 1847)	UGI 4101
<i>Latirus</i> sp.	UGI 5463
<i>Peristernia nassatula</i> (Lamarck, 1822)	UGI 3435
FAMILY Olividae	
SUBFAMILY Olivinae	
<i>Oliva annulata</i> Gmelin, 1791	UGI 4650
<i>Oliva carneola</i> Gmelin, 1791	UGI 5163
# <i>Oliva</i> cf. <i>joyceae</i> Petuch & Sargent, 1986	UGI 6877
<i>Oliva miniacea</i> Röding, 1798	UGI 4651
<i>Oliva panniculata</i> Duclos, 1853	UGI 4647
<i>Oliva paxillus</i> Reeve, 1850	UGI 4648
# <i>Oliva</i> cf. <i>richerti</i> Kay, 1979	UGI 5423
<i>Oliva rufofulgurata</i> Schepman, 1911	UGI 5523
SUBFAMILY Olivellinae	
# <i>Olivella</i> cf. <i>apicalis</i> Kay, 1979	UGI 5708
FAMILY Cystiscidae	
<i>Cystiscus</i> sp.	UGI 6856
FAMILY Harpidae	
* <i>Harpa amouretta</i> Röding, 1798	UGI 3555
* <i>Harpa harpa</i> (Linnaeus, 1758)	UGI 4154
<i>Harpa major</i> Röding, 1798	Rehder, 1973
FAMILY Marginellidae	
<i>Crithe nipponica</i> (Habe, 1951)	UGI 6885
<i>Dentimargo</i> sp.	UGI 6855
<i>Volvarina philippinarum</i> (Redfield, 1848)	UGI 5541
FAMILY Mitridae	
SUBFAMILY Mitrinae	
<i>Mitra (Mitra) cardinalis</i> (Gmelin, 1791)	UGI 3534
<i>Mitra (Mitra) coffeea</i> Schubert & Wagner, 1829	UGI 1546
<i>Mitra (Mitra) imperialis</i> Röding, 1798	UGI 4394
<i>Mitra (Mitra) incompta</i> (Lightfoot, 1786)	UGI 4373
<i>Mitra (Mitra) mitra</i> Linnaeus, 1758	UGI 4388
<i>Mitra (Mitra) papalis</i> Linnaeus, 1758	UGI 5326

<i>Mitra (Mitra) stictica</i> (Link, 1807)	UGI 5185
<i>Mitra (Mitra) ustulata</i> Reeve, 1844	UGI 5360
<i>Mitra (Dibaphus) multiplicata</i> (Pease, 1865)	UGI 5315
<i>Mitra (Nebularia) aurora floridula</i> Sowerby, 1874	UGI 5337
<i>Mitra (Nebularia) avenacea</i> Reeve, 1845	Cernohorsky, 1976
<i>Mitra (Nebularia) bernhardina</i> Röding, 1798	UGI 4515
<i>Mitra (Nebularia) chrysalis</i> Reeve, 1844	UGI 4376
<i>Mitra (Nebularia) chrysostoma</i> Broderip, 1836	UGI 5331
<i>Mitra (Nebularia) coarctata</i> Reeve, 1844	UGI 5558
<i>Mitra (Nebularia) coronata</i> Lamarck, 1811	UGI 5003
<i>Mitra (Nebularia) cucumerina</i> Lamarck, 1811	UGI 4286
<i>Mitra (Nebularia) doliolum</i> Küster, 1839	UGI 4463
<i>Mitra (Nebularia) ferruginea</i> Lamarck, 1811	UGI 4965
<i>Mitra (Nebularia) fraga</i> Quoy & Gaimard, 1833	UGI 5084
<i>Mitra (Nebularia) fulvescens</i> Broderip, 1836	UGI 4506
<i>Mitra (Nebularia) lugubris</i> Swainson, 1821	UGI 4405
<i>Mitra (Nebularia) pediculus</i> Lamarck, 1811	ANSP 197483
<i>Mitra (Nebularia) pudica</i> Pease, 1860	Cernohorsky, 1991
<i>Mitra (Nebularia) puncticulata</i> Lamarck, 1811	Cernohorsky, 1976
<i>Mitra (Nebularia) pyramis</i> (Wood, 1828)	UGI 4504
<i>Mitra (Nebularia) rubritincta</i> Reeve, 1844	UGI 5330
<i>Mitra (Nebularia) tuberosa</i> Reeve, 1845	UGI 4499
<i>Mitra (Nebularia) turgida</i> Reeve, 1845	UGI 4400
<i>Mitra (Strigatella) acuminata</i> Swainson, 1824	UGI 4503
<i>Mitra (Strigatella) auriculoides</i> Reeve, 1845	UGI 5336
<i>Mitra (Strigatella) bellula</i> A. Adams, 1853	UGI 5321
<i>Mitra (Strigatella) columbelliformis</i> Kiener, 1838	UGI 5186
<i>Mitra (Strigatella) decurtata</i> Reeve, 1844	UGI 3925
<i>Mitra (Strigatella) fastigium</i> Reeve, 1845	UGI 3516
<i>Mitra (Strigatella) litterata</i> Lamarck, 1811	UGI 3427
<i>Mitra (Strigatella) paupercula</i> (Linnaeus, 1758)	UGI 5410
<i>Mitra (Strigatella) peculiaris</i> Reeve, 1845	UGI 5327
<i>Mitra (Strigatella) pellisserpentis</i> Reeve, 1844	UGI 5325
<i>Mitra (Strigatella) retusa</i> Lamarck, 1811	UGI 5411
<i>Mitra (Strigatella) typha</i> Reeve, 1845	UGI 5303
SUBFAMILY Imbricariinae	
<i>Cancilla (Domiporta) filaris</i> (Linnaeus, 1771)	UGI 4404
<i>Cancilla (Domiporta) granatina</i> (Lamarck, 1811)	UGI 5000
<i>Cancilla (Domiporta) praestantissima</i> (Röding, 1798)	UGI 5189
<i>Cancilla (Ziba) fulgetrum</i> (Reeve, 1844)	UGI 4456
<i>Subcancilla annulata</i> (Reeve, 1846)	UGI 5234
<i>Subcancilla interlirata</i> (Reeve, 1844)	UGI 5197
<i>Subcancilla verrucosa</i> (Reeve, 1845)	UGI 4402
<i>Neocancilla clathrus</i> (Gmelin, 1791)	UGI 4403
<i>Neocancilla papilio</i> (Link, 1807)	UGI 4985
<i>Scabridola (Scabridola) desetangsi</i> (Kiener, 1838)	UGI 4502
<i>Scabridola (Scabridola) eximia</i> (A. Adams, 1853)	UGI 4397
<i>Scabridola (Swainsonia) casta</i> (Gmelin, 1791)	UGI 3399
<i>Scabridola (Swainsonia) fusca</i> (Swainson, 1824)	UGI 4983
<i>Imbricaria conovula</i> Quoy & Gaimard, 1833	UGI 4475
<i>Imbricaria conularis</i> (Lamarck, 1811)	UGI 3570

<i>Imbricaria olivaeformis</i> (Swainson, 1821)	UGI 4862
<i>Imbricaria punctata</i> (Swainson, 1821)	UGI 1492
<i>Imbricaria vanikoroensis</i> (Quoy & Gaimard, 1833)	UGI 4431
SUBFAMILY Cylindromitrinae	
<i>Pterygia crenulata</i> (Gmelin, 1791)	UGI 4330
<i>Pterygia fenestrata</i> Lamarck, 1811	UGI 5328
<i>Pterygia nucea</i> (Gmelin, 1791)	UGI 5188
FAMILY Costellariidae	
<i>Thala exquisita</i> Garrett, 1873	UGI 5154
<i>Thala jaculanda</i> (Gould, 1860)	UGI 5287
<i>Thala</i> sp. (Gould, 1860)	UGI 5533
<i>Vexillum (Costellaria) amandum</i> (Reeve, 1845)	UGI 5502
<i>Vexillum (Costellaria) cadaverosum</i> (Reeve, 1844)	UGI 3514
<i>Vexillum (Costellaria) collinsoni</i> (A. Adams, 1864)	UGI 5515
<i>Vexillum (Costellaria) corbicula</i> (Sowerby, 1870)	UGI 5508
<i>Vexillum (Costellaria) coronatum</i> (Helbling, 1779)	UGI 5083
<i>Vexillum (Costellaria) costatum</i> (Gmelin, 1791)	UGI 5538
<i>Vexillum (Costellaria) discolorium</i> (Reeve, 1845)	UGI 5468
<i>Vexillum (Costellaria) diutenerum</i> (Hervier, 1897)	UGI 4988
<i>Vexillum (Costellaria) echinatum</i> (A. Adams, 1853)	UGI 5504
<i>Vexillum (Costellaria) exasperatum</i> (Gmelin, 1791)	UGI 3408
<i>Vexillum (Costellaria) filistriatum</i> (Sowerby, 1874)	UGI 5476
<i>Vexillum (Costellaria) interruptum</i> (Anton, 1838)	UGI 5503
<i>Vexillum (Costellaria) leucozonias</i> (Deshayes, 1834)	UGI 5132
<i>Vexillum (Costellaria) lucidum</i> (Reeve, 1845)	UGI 4449
<i>Vexillum (Costellaria) mica</i> (Reeve, 1845)	UGI 5529
<i>Vexillum (Costellaria) michaui</i> (Crosse & Fischer, 1864)	UGI 4445
<i>Vexillum (Costellaria) mirabile</i> (A. Adams, 1832)	UGI 5086
<i>Vexillum (Costellaria) modestum</i> (Reeve, 1845)	UGI 5085
<i>Vexillum (Costellaria) obeliscus</i> (Reeve, 1844)	UGI 5517
<i>Vexillum (Costellaria) pacificum</i> (Reeve, 1845)	UGI 4982
<i>Vexillum (Costellaria) roseotinctum</i> (Hervier, 1898)	UGI 5516
<i>Vexillum (Costellaria) semifasciatum</i> (Lamarck, 1811)	UGI 4437
<i>Vexillum (Costellaria) unifasciatum</i> (Wood, 1828)	UGI 5501
<i>Vexillum (Costellaria) xenium</i> (Pilsbry, 1921)	UGI 5514
<i>Vexillum (Costellaria) zelotypum</i> (Reeve, 1845)	UGI 4999
<i>Vexillum (Pusia) amabile</i> (Reeve, 1845)	UGI 4286
<i>Vexillum (Pusia) cancellariooides</i> (Anton, 1839)	UGI 4429
<i>Vexillum (Pusia) catenatum</i> (Broderip, 1836)	UGI 5513
<i>Vexillum (Pusia) cavea</i> (Reeve, 1844)	UGI 4451
<i>Vexillum (Pusia) crocatum</i> (Lamarck, 1811)	UGI 4462
<i>Vexillum (Pusia) infaustum</i> (Reeve, 1845)	UGI 5087
<i>Vexillum (Pusia) microzonias</i> (Lamarck, 1811)	UGI 5305
<i>Vexillum (Pusia) millecostatum</i> (Broderip, 1836)	UGI 5100
<i>Vexillum (Pusia) moelleri</i> (Küster, 1840)	UGI 5742
<i>Vexillum (Pusia) pagodula</i> (Hervier, 1897)	UGI 5506
<i>Vexillum (Pusia) patriarchalis</i> (Gmelin, 1791)	UGI 5307
<i>Vexillum (Pusia) rubrum</i> (Broderip, 1836)	UGI 4453
<i>Vexillum (Pusia) semicostatum</i> (Anton, 1839)	UGI 4454
<i>Vexillum (Pusia) speciosum</i> (Reeve, 1844)	UGI 5010
<i>Vexillum (Pusia) suave</i> (Souverbie, 1875)	UGI 5525

<i>Vexillum (Pusia) turben</i> (Reeve, 1844)	UGI 5557
<i>Vexillum (Pusia) unifasciale</i> (Lamarck, 1811)	UGI 5499
SUPERFAMILY CANCELLARIOIDEA	
FAMILY Cancellariidae	
<i>Scalptia</i> cf. <i>obliquata</i> (Lamarck, 1822)	UGI 5425
<i>Scalptia scalata</i> (Sowerby, 1832)	UGI 5317
<i>Tritonoharpa antiquata</i> (Hinds, 1844)	UGI 5507
SUPERFAMILY CONOIDEA	
FAMILY Drillidae	
<i>Clavus auricularia</i> Link, 1807	UGI 5592
<i>Clavus exasperatus</i> Reeve, 1843	UGI 5593
<i>Clavus fusconitens</i> (Sowerby, 1901)	UGI 5627
<i>Clavus pica</i> (Reeve, 1843)	UGI 5137
<i>Clavus</i> sp. 1	UGI 5126
<i>Clavus</i> sp. 2	UGI 5259
<i>Iredalea pygmaea</i> (Dunker, 1860)	UGI 4644
<i>Iredalea themeropsis</i> Melvill & Standen, 1896	UGI 5648
<i>Tylotiella leforesteri</i> Hervier, 1897	UGI 5582
FAMILY Terebridae	
SUBFAMILY Pervicaciinae	
<i>Duplicaria raphanula</i> (Lamarck, 1822)	UGI 5489
SUBFAMILY Terebrinae	
<i>Hastula albula</i> (Menke, 1843)	UGI 5235
<i>Hastula lanceata</i> (Linnaeus, 1758)	UGI 4947
<i>Hastula matheroniana</i> (Deshayes, 1859)	UGI 5233
<i>Hastula nitida</i> (Hinds, 1844)	UGI 5236
<i>Hastula penicillata</i> (Hinds, 1844)	UGI 5498
<i>Hastula philippiana</i> (Deshayes, 1859)	Bratcher & Cernohorsky 1987
<i>Hastula solida</i> (Deshayes, 1857)	UGI 1249
<i>Terebra affinis</i> Gray, 1834	UGI 4948
<i>Terebra areolata</i> (Link, 1807)	UGI 4843
<i>Terebra argus</i> Hinds, 1844	UGI 4209
<i>Terebra babylonia</i> Lamarck, 1822	UGI 4208
<i>Terebra cerethina</i> Lamarck, 1822	UGI 3524
<i>Terebra chlorata</i> Lamarck, 1822	UGI 5241
<i>Terebra cingulifera</i> Lamarck, 1822	UGI 4950
<i>Terebra columellaris</i> Hinds, 1844	UGI 5257
<i>Terebra conspersa</i> Hinds, 1844	UGI 5292
<i>Terebra crenulata</i> (Linnaeus, 1758)	UGI 5252
<i>Terebra dimidiata</i> (Linnaeus, 1758)	UGI 4285
<i>Terebra eburnea</i> Hinds, 1844	UGI 5496
<i>Terebra felina</i> (Dillwyn, 1817)	UGI 3446
<i>Terebra flavescens</i> Deshayes, 1859	UGI 5465
# <i>Terebra flavofasciata</i> Pilsbry, 1921	UGI 5289
<i>Terebra funiculata</i> Hinds, 1844	UGI 5246
# <i>Terebra giorgioi</i> Aubry, 1999	UGI 5474
<i>Terebra guttata</i> (Röding, 1798)	UGI 4211
# <i>Terebra jenningsi</i> Burch, 1965	UGI 5230
<i>Terebra kilburni</i> Burch, 1965	UGI 5244
<i>Terebra laevigata</i> Gray, 1834	UGI 3490
<i>Terebra maculata</i> (Linnaeus, 1758)	UGI 4992

<i>Terebra montgomeryi</i> Burch, 1965	UGI 5747
<i>Terebra nebulosa</i> Sowerby, 1825	UGI 5492
<i>Terebra paucistriata</i> (E. A. Smith, 1873)	UGI 5240
<i>Terebra pertusa</i> (Born, 1780)	UGI 5494
<i>Terebra polygyrata</i> Deshayes, 1859	UGI 5459
# <i>Terebra pseudopertusa</i> Bratcher & Cernohorsky, 1985	UGI 5291
<i>Terebra quoygaimardi</i> Cernohorsky & Bratcher, 1976	UGI 5464
<i>Terebra subulata</i> (Linnaeus, 1767)	UGI 4994
<i>Terebra succinea</i> Hinds, 1844	Cernohorsky & Jennings, 1966
<i>Terebra textilis</i> Hinds, 1844	UGI 5372
<i>Terebra undulata</i> Gray, 1834	UGI 3486
<i>Terebra</i> sp. 1	UGI 5466
<i>Terebra</i> sp. 3	UGI 5256
<i>Terenolla pygmaea</i> (Hinds, 1844)	UGI 5245
FAMILY Turridae	
SUBFAMILY Crassispirinae	
<i>Carinapex minutissima</i> (Garrett, 1873)	UGI 5639
<i>Inquisitor</i> sp. 1	UGI 5351
<i>Turridrupa astricta</i> (Reeve, 1843)	ANSP 358200
* <i>Turridrupa bijubata</i> (Reeve, 1843)	UGI 5576
<i>Turridrupa cerethina</i> Anton, 1838	UGI 5589
<i>Turridrupa</i> cf. <i>deceptrix</i> Hedley, 1922	UGI 5604
<i>Vexitomina regia</i> (Reeve, 1842)	UGI 5021
SUBFAMILY Turrinae	
# <i>Gemmula</i> cf. <i>graeffei</i> (Weinkauff, 1875)	UGI 5641
<i>Gemmula monilifera</i> (Pease, 1860)	ANSP 358209
<i>Lophiotoma acuta</i> (Perry, 1811)	UGI 5584
<i>Turris spectabilis</i> (Reeve, 1843)	UGI 5741
<i>Xenuroturris cingulifera</i> (Lamarck, 1822)	UGI 5347
<i>Xenuroturris kingae</i> Powell, 1964	UGI 5312
FAMILY Conidae	
SUBFAMILY Clathurellinae	
cf. <i>Borsonia crassicostata</i> Pease, 1860	UGI 5635
<i>Clathurella blanfordi</i> Nevill, 1875	UGI 5605
<i>Etrema alphonsonianum</i> (Hervier, 1896)	UGI 5620
<i>Etrema scalarina</i> (Deshayes, 1863)	UGI 5634
<i>Etrema trigonostomum</i> (Hervier, 1896)	UGI 5647
<i>Lovellona peaseana</i> Finlay, 1927	UGI 5334
<i>Mitrolumna salisburyi</i> Cernohorsky, 1978	ANSP 358210
<i>Mitrolumna stepheni</i> (Melvill & Standen, 1897)	UGI 5369
<i>Mitromorpha lachryma</i> (Reeve, 1845)	UGI 5335
SUBFAMILY Coninae	
<i>Conus acutangulus</i> Lamarck, 1810	UGI 6857
<i>Conus ammiralis</i> Linnaeus, 1758	UGI 5554
<i>Conus arenatus</i> Hwass, 1792	UGI 3850
#* <i>Conus armadillo</i> Shikama, 1971	UGI 5204
<i>Conus aulicus</i> Linnaeus, 1758	UGI 5093
<i>Conus aureus</i> Hwass, 1792	UGI 3961
<i>Conus auricomus</i> Hwass, 1792	UGI 5091
<i>Conus balteatus</i> Sowerby, 1833	UGI 5271
<i>Conus bandanus</i> Hwass, 1792	UGI 5223

<i>Conus boeticus</i> Reeve, 1844	UGI 4816
<i>Conus bullatus</i> Linnaeus, 1758	UGI 5088
<i>Conus capitaneus</i> Linnaeus, 1758	UGI 3845
<i>Conus canonicus</i> Hwass, 1792	ANSP 197427
<i>Conus catus</i> Hwass, 1792	UGI 1789
<i>Conus chaldeus</i> (Röding, 1798)	UGI 1345
<i>Conus circumactis</i> Iredale, 1929	UGI 5161
* <i>Conus circumcisus</i> Born, 1778	UGI 5556
<i>Conus coelinae</i> Crosse, 1858	UGI 5574
<i>Conus coffeeae</i> Gmelin, 1791	UGI 4830
<i>Conus consors</i> Sowerby, 1833	UGI 3979
<i>Conus coronatus</i> Gmelin, 1791	UGI 3883
<i>Conus crocatus</i> Lamarck, 1810	UGI 5518
<i>Conus cylindraceus</i> Broderip & Sowerby, 1830	UGI 4280
<i>Conus distans</i> Hwass, 1792	UGI 4236
#* <i>Conus dusaveli</i> (H. Adams, 1872)	UGI 5512
<i>Conus ebraeus</i> Linnaeus, 1758	UGI 1397
<i>Conus eburneus</i> Hwass, 1792	UGI 3894
<i>Conus eldredi</i> Morrison, 1955	Röckel et al., 1995
<i>Conus emaciatus</i> Reeve, 1849	ANSP 197667
<i>Conus episcopatus</i> da Motta, 1982	Röckel et al., 1995
<i>Conus flavidus</i> Lamarck, 1810	UGI 3972
<i>Conus frigidus</i> Reeve, 1848	UGI 3970
<i>Conus generalis</i> Linnaeus, 1767	UGI 3962
<i>Conus geographus</i> Linnaeus, 1758	UGI 4155
<i>Conus glans</i> Hwass, 1792	UGI 5273
# <i>Conus hopwoodi</i> Tomlin, 1936	UGI 5092
<i>Conus imperialis</i> Linnaeus, 1758	UGI 3848
# <i>Conus kimioi</i> (Habe, 1965)	UGI 5671
<i>Conus legatus</i> Lamarck, 1810	UGI 5225
<i>Conus leopardus</i> (Röding, 1798)	UGI 5179
<i>Conus litoglyphus</i> Hwass, 1792	UGI 3846
<i>Conus litteratus</i> Linnaeus, 1758	UGI 3892
<i>Conus lividus</i> Hwass, 1792	UGI 1219
<i>Conus luteus</i> Sowerby, 1833	UGI 3964
<i>Conus magnificus</i> Reeve, 1843	UGI 4824
<i>Conus marmoreus</i> Linnaeus, 1758	ANSP 197341
<i>Conus miles</i> Linnaeus, 1758	UGI 3874
<i>Conus miliaris</i> Hwass, 1792	UGI 3888
<i>Conus moreletti</i> Crosse, 1858	UGI 3445
<i>Conus muriculatus</i> Sowerby, 1833	UGI 3963
<i>Conus musicus</i> Hwass, 1792	UGI 3824
<i>Conus mustelinus</i> Hwass, 1792	UGI 5573
<i>Conus nucleus</i> Reeve, 1848	Röckel et al., 1995
<i>Conus nussatella</i> Linnaeus, 1758	UGI 5521
* <i>Conus obscurus</i> Sowerby, 1833	UGI 3422
<i>Conus omaria</i> Hwass, 1792	ANSP 197607
<i>Conus pertusus</i> Hwass, 1792	UGI 5571
* <i>Conus planorbis</i> Born, 1778	UGI 4827
#* <i>Conus proximus</i> Sowerby, 1859	UGI 5670
<i>Conus pulicarius</i> Hwass, 1792	UGI 4827

<i>Conus quercinus</i> Lightfoot, 1786	UGI 4828
<i>Conus rattus</i> Hwass, 1792	UGI 4998
<i>Conus retifer</i> Menke, 1829	UGI 5572
<i>Conus sanguinolentus</i> Quoy & Gaimard, 1834	UGI 3886
# <i>Conus sazanka</i> Shikama, 1970	UGI 5485
<i>Conus sponsalis</i> Hwass, 1792	UGI 3875
<i>Conus striatus</i> Linnaeus, 1758	UGI 2132
<i>Conus tenuistriatus</i> Sowerby, 1858	UGI 3978
<i>Conus terebra</i> Born, 1778	UGI 3890
<i>Conus tessulatus</i> Born, 1778	UGI 3862
<i>Conus textile</i> Linnaeus, 1758	UGI 3954
<i>Conus tulipa</i> Linnaeus, 1758	UGI 5069
<i>Conus varius</i> Linnaeus, 1758	UGI 3889
<i>Conus vexillum</i> Gmelin, 1791	UGI 3871
<i>Conus virgo</i> Linnaeus, 1758	UGI 3857
<i>Conus vitulinus</i> Hwass, 1792	UGI 3879
SUBFAMILY Mangelliinae	
<i>Anacithara nanisca</i> (Hervier, 1897)	UGI 5617
<i>Anacithara rigorata</i> (Hedley, 1909)	UGI 5614
cf. <i>Eucithara coronata</i> Hinds, 1843	UGI 5640
<i>Eucithara debilis</i> (Pease, 1868)	UGI 5583
<i>Eucithara fulgens</i> Smith, 1888	UGI 5611
<i>Eucithara cf. funiculata</i> (Reeve, 1846)	UGI 5435
<i>Eucithara paucicostata</i> (Pease, 1867)	ANSP 358202
<i>Eucithara reticulata</i> Reeve, 1846	UGI 5591
<i>Eucithara souverbiei</i> (Tryon, 1884)	UGI 5633
<i>Eucithara stromboides</i> (Reeve, 1846)	ANSP 358201
<i>Hemilienardia mallei</i> (Récluz, 1852)	UGI 5651
<i>Hemilienardia ocellata</i> (Jousseaume, 1884)	UGI 5594
<i>Lienardia compta</i> (Reeve, 1845)	UGI 5338
<i>Lienardia crassicostata</i> (Pease, 1860)	UGI 5596
<i>Lienardia cf. cremonilla</i> Melvill & Standen, 1895	UGI 5637
<i>Lienardia fallax</i> (G. & H. Nevill, 1875)	UGI 5643
<i>Lienardia falsaria</i> Hedley, 1922	UGI 5603
<i>Lienardia lutea</i> (Pease, 1860)	UGI 5623
<i>Lienardia cf. marchei</i> Jousseaume, 1884	UGI 5621
<i>Lienardia michelsi</i> Iredale & Tomlin, 1917	UGI 5535
<i>Lienardia roseotincta</i> (Montrouzier, 1872)	ANSP 358194
<i>Lienardia rubicunda</i> (Gould, 1860)	UGI 5371
<i>Lienardia rubida</i> (Hinds, 1844)	UGI 5430
<i>Macteola interrupta</i> (Reeve, 1846)	UGI 5614
<i>Mangelia flexuosa</i> Smith, 1882	UGI 5631
SUBFAMILY Daphnelline	
<i>Daphnella aureola</i> Reeve, 1845	UGI 5612
* <i>Daphnella cyclophora</i> (Deshayes, 1863)	UGI 5577
<i>Daphnella cf. fenestrata</i> Reeve	UGI 5615
<i>Daphnella flammea</i> Hinds, 1843	UGI 5602
<i>Daphnella reeveana</i> (Deshayes, 1863)	UGI 5607
<i>Daphnella rissooides</i> (Reeve, 1843)	ANSP 358204
<i>Daphnella terina</i> Melvill & Standen, 1896	UGI 5636
<i>Eucyclotoma hindsii</i> (Reeve, 1843)	UGI 5619

<i>Kermia canistra</i> (Hedley, 1922)	UGI 5601
<i>Kermia</i> cf. <i>clandestina</i> (Deshayes, 1863)	UGI 5655
<i>Kermia maculosa</i> (Pease, 1862)	UGI 5590
<i>Philbertia nexa</i> (Reeve, 1845)	UGI 5319
<i>Pseudodaphnella granicostata</i> (Reeve, 1846)	UGI 5300
<i>Pseudodaphnella subspurca</i> Hervier	UGI 5660
<i>Pseudodaphnella tincta</i> Reeve, 1846	UGI 5606
<i>Tritonoturris cumingii</i> (Powys, 1835)	UGI 5667
SUPERORDER HETEROBRANCHIA	
SUPERFAMILY VALVATOIDEA	
FAMILY Orbitellidae	
* <i>Orbitestella</i> sp.	UGI 6895
SUPERFAMILY ARCHITECTONOIDEA	
FAMILY Architectonicidae	
* <i>Heliacus areola</i> (Gmelin, 1791)	UGI 5680
<i>Heliacus fenestratus</i> (Hinds, 1844)	UGI 6858
<i>Philippia radiata</i> (Röding, 1798)	UGI 1807
SUPERFAMILY RISSOELLOIDEA	
FAMILY Rissoellidae	
<i>Jeffreysilla</i> sp.	UGI 6859
SUPERFAMILY OMALOGYROIDEA	
FAMILY Omalogyridae	
<i>Omalogyra</i> sp.	UGI 6894
SUPERFAMILY PYRAMIDELLOIDEA	
FAMILY Pyramidellidae	
<i>Chennitzia gabrieli</i> (Hedley, 1909)	UGI 6888
<i>Chrysalida alveata</i> (A. Adams, 1861)	UGI 6887
* <i>Evalea</i> sp.	UGI 6889
<i>Pyramidella sulcata</i> (A. Adams, 1855)	UGI 6860
<i>Otopicula mitralis</i> (A. Adams, 1855)	UGI 6861
<i>Otopicula nodicincta</i> (A. Adams, 1855)	UGI 6878