

RECENT RECORDS OF BIVALVIA IN THE REFERENCE
COLLECTION OF PHUKET MARINE BIOLOGICAL CENTER,
THAILAND

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ABSTRACT

A total of 399 species of bivalves in 52 families are deposited in the Reference Collection of the PMBC. The collection mainly comprises specimens from Thai waters with additional specimens from Malaysia, Singapore, Philippines, Indonesia, India, Vietnam, Taiwan, Mozambique, and South Africa. There are four type specimens in the collection: holotype and paratype of *Gastrochaena carteri* Nielsen, 1985, paratype of *Xenostrobus balani* Ockelmann, 1983 and paratype of *Bractechlamys adorabilis* Dijkstra & Roussy, 1993

INTRODUCTION

The first checklist of bivalves in the Reference Collection was published by Nateewathana et al. (1981). At that time there were 241 species in 49 families. All specimens were from Thai waters. We have continued to collect bivalves from the intertidal zone (including mangrove areas) to the edge of the continental shelf in the Andaman Sea, and in the Gulf of Thailand. Additional specimens from Malaysia, Singapore, Philippines, India, Vietnam, Taiwan, Mozambique, and South Africa were obtained in exchange or donated by other institutions or museums. The number of species has therefore increased to 399.

Identified specimens constitute useful reference material for the study of bivalves within this South East Asian region. The species can be studied at the PMBC, or the Center can consider requests for loan of material to be mailed abroad. Information on the specimens is available in the database of the Reference Collection. Each lot of bivalves will have a PMBC number, type, locality data, and the number of specimen.

Genus and species are listed alphabetically. The localities are indicated below each species. The systematic arrangement is according to Vaught (1989), Oliver (1992), Abbott & Dance (1986), and Bernard et al

(1993) have also been consulted. Dr R.N. Kilburn kindly confirmed a part of the species in the checklist. He has subsequently commented on some of the species. We have indicated such comments in square brackets under the species records. However, both the generic and the specific classifications change so rapidly these years that it is impossible to be completely updated on this issue. Many of the names used in this list will therefore be changed in the future, but the names in this list will be preserved in the database of the Reference Collection so the specimens can always be located in spite of future changes

Order: SOLEMYOIDA

Family: SOLEMYIDAE

Acharax japonicus (Dunker, 1882).
Thailand, Andaman Sea

Order: ARCOIDA

Family: ARCIDAE

Acar plicata (Dillwyn, 1817).
Mozambique

Anadara (Mabellarca) africana (Sowerby, 1904).

South Africa

Anadara (Anadara) antiquata (Linnaeus, 1758).

- Thailand, Andaman Sea & Gulf of Thailand
Mozambique
Anadara clathrata (Reeve, 1844).
Thailand, Andaman Sea & Gulf of Thailand
Anadara craticulata (Nyst, 1848)
Thailand, Andaman Sea
Anadara cuneata Reeve, 1844.
Thailand, Andaman Sea
Anadara ferruginea (Reeve, 1844).
Thailand, Andaman Sea & Gulf of Thailand
Anadara granosa (Linnaeus, 1758).
Thailand, Andaman Sea & Gulf of Thailand
Anadara (Scapharca) inaequalis (Bruguière, 1789).
Thailand, Andaman Sea & Gulf of Thailand
Anadara indica (Gmelin, 1791).
Thailand, Andaman Sea & Gulf of Thailand
Anadara maculosa (Reeve, 1844).
Thailand, Andaman Sea
[Junior synonym of *A. antiquata*]
Anadara mosambicana (Bianconi, 1850).
[Erroneous identification]
Thailand, Gulf of Thailand
Andara (Scapharca) natalensis (Krauss, 1848).
South Africa
Anadara nodifera (Von Martens, 1860).
Thailand, Andaman Sea & Gulf of Thailand
Anadara (Potiarca) pilula (Reeve, 1843).
Thailand, Andaman Sea & Gulf of Thailand
Anadara setigericosta (Nyst, 1848).
[Probably erroneous name]
Thailand, Andaman Sea & Gulf of Thailand
Anadara tricenicosta (Nyst, 1848).
Thailand, Andaman Sea & Gulf of Thailand
Anadara troscheli (Dunker, 1882).
Thailand, Andaman Sea & Gulf of Thailand
Anadara uropigimelana (Bory de St. Vincent, 1824).
Thailand, Andaman Sea & Gulf of Thailand
Anadara (Scapharca) vellicata (Reeve, 1844).
Thailand, Andaman Sea & Gulf of Thailand
Arca avellana Lamarck, 1819.
Thailand, Andaman Sea & Gulf of Thailand
Arca boucardi Jousseaume, 1894
Thailand, Andaman Sea
Arca navicularis Bruguière, 1789
Thailand, Andaman Sea & Gulf of Thailand
Arca ventricosa Lamarck, 1819.
Thailand, Andaman Sea & Gulf of Thailand
Arca sp.
Thailand, Andaman Sea
Barbatia amygdalumtostum (Röding, 1798).
Thailand, Andaman Sea & Gulf of Thailand
Taiwan
Barbatia (Calloarca) cibotina (Melville & Standen, 1907
South Africa, Indian Ocean
Barbatia foliata (Forsskål, 1775).
South Africa, Indian Ocean
Barbatia fusca (Bruguière, 1789).
[Synonym of *B. amygdalumtostum*;
Non Arca fusca Lightfoot, 1786]
Thailand, Andaman Sea
Barbatia helblingi (Bruguière, 1789)
[Common misidentification of *B. foliata*]
Thailand, Andaman Sea & Gulf of Thailand
Barbatia (Cucullarca) lacerata (Bruguière, 1789).
Thailand, Andaman Sea
Barbatia lima (Reeve, 1844).
Thailand, Andaman Sea
Barbatia maculata (Sowerby, 1833).
Thailand, Andaman Sea

- Barbatia setigera* (Reeve, 1844).
South Africa, Indian Ocean
- Barbatia (Barbarca) tenella* (Reeve, 1844).
Thailand, Andaman Sea
- Barbatia (Savignyarca) virescens* (Reeve, 1844)
Indian Ocean, Singapore
- Barbatia yamamotoi* (Sakurai & Habe, 1961).
Thailand, Andaman Sea
- Trisidos semitorta* (Lamarck, 1819)
Thailand, Andaman Sea & Gulf of Thailand
- Trisidos tortuosa* (Linnaeus, 1758).
Thailand, Andaman Sea & Gulf of Thailand

Family: NOETIIDAE

- Striarca afra* (Gmelin, 1791)
[West African species]
[Indo-Pacific: *S. symmetrica* (Reeve, 1844)]
Thailand, Andaman Sea
- Striarca pectunculiformis* (Dunker, 1866)
Thailand, Andaman Sea

Family: CUCULLAEIDAE

- Cucullaea labiata* (Lightfoot, 1786)
Thailand, Andaman Sea & Gulf of Thailand

Family: LIMOPSIDAE

- Limopsis (Pectunculina) multistriata* (Forsskål, 1775)
Thailand, Andaman Sea

Family: GLYCYMERIDIDAE

- Glycymeris amamiensis* (Kuroda, 1930)
Thailand, Andaman Sea
- Glycymeris (Tucetona) pectunculus* (Linnaeus, 1758)
[*Tucetona* is a full genus]
Thailand, Andaman Sea
- Glycymeris pilsbryi* (Yokoyama, 1920)
Thailand, Andaman Sea
- Glycymeris reevei* (Mayer, 1868)
Thailand, Andaman Sea & Gulf of Thailand

- Glycymeris* sp.
Thailand, Andaman Sea
- Melaxinaea hoylei* (Melvill & Standen)
Thailand, Andaman Sea

Order: MYTILOIDA

Family: MYTILIDAE

- Arcuatula arcuatula* (Hanley, 1844)
Thailand, Andaman Sea & Gulf of Thailand
- Botula cinnamomea* (Lamarck, 1819)
Thailand, Andaman Sea
- Brachidontes variabilis* (Krauss, 1848)
Thailand, Andaman Sea
- Gregariella coralliophaga* (Gmelin, 1791)
Thailand, Andaman Sea
- Gregariella striatula* (Hanley, 1844)
[Genus: Brachidontes]
Thailand, Andaman Sea
- Lithophaga (Leiosolenus) kuehneli*
Klemann, 1977
Thailand, Andaman Sea
- Lithophaga (Leiosolenus) lessepsianus* (Vaillant, 1865)
Thailand, Andaman Sea
- Lithophaga (Leiosolenus) lima* Lamy, 1919
Thailand, Andaman Sea
- Lithophaga malaccana* (Reeve, 1857)
Thailand, Andaman Sea
- Lithophaga (Leiosolenus) obesus* (Philippi, 1847)
Thailand, Andaman Sea
- Lithophaga teres* (Philippi, 1846)
Thailand, Andaman Sea
- Lithophaga zitteliana* Dunker, 1883
Thailand, Andaman Sea
- Lithophaga* sp.
Thailand, Andaman Sea
- Modiolus agripetus* (Iredale, 1939)
[*M. auriculatus* (Krauss, 1848)]
Thailand, Andaman Sea
- Modiolus flavidus* (Dunker, 1856)
Thailand, Andaman Sea
- Modiolus metcalfei* (Hanley, 1843)
Thailand, Andaman Sea & Gulf of Thailand
- Modiolus philippinarum* (Hanley, 1843)
Thailand, Andaman Sea & Gulf of Thailand

Thailand
Modiolus plumescens (Dunker, 1868)
 Thailand, Andaman Sea
Musculista mirandus (Smith, 1884)
 Thailand, Andaman Sea
Musculista senhousia (Benson, 1842)
 Thailand, Andaman Sea
Perna viridis (Linnaeus, 1758)
 Thailand, Andaman Sea & Gulf of
 Thailand
Septifer bilocularis Linnaeus, 1758
 Thailand, Andaman Sea
Septifer excisus Wiegmann, 1837
 Thailand, Andaman Sea
Solamen vaillanti (Issel, 1869)
 Thailand, Andaman Sea
Xenostrobus balani Ockelmann, 1983
 Thailand, Andaman Sea
 Paratype, PMBC 3104, Phuket, 3
 specimens

Order: PTERIOIDA

Family: PTERIIDAE

Electroma alacorvi (Dillwyn, 1817)
 Thailand, Andaman Sea
Pinctada chemnitzii (Philippi, 1849)
 Thailand, Andaman Sea
Pinctada fucata (Gould, 1850)
 Thailand, Andaman Sea & Gulf of
 Thailand
Pinctada margaritifera (Linnaeus, 1758)
 Thailand, Andaman Sea & Gulf of
 Thailand
Pinctada martensii (Dunker, 1872)
 Thailand, Andaman Sea
Pinctada maxima (Jameson, 1901)
 Thailand, Andaman Sea
Pinctada radiata (Leach, 1814)
 Thailand, Andaman Sea
Pteria avicular (Holten, 1802)
 Thailand, Andaman Sea
Pteria breviaalata (Dunker, 1872)
 Thailand, Andaman Sea
Pteria coturnix (Dunker, 1879)
 Thailand, Andaman Sea
Pteria penguin (Röding, 1798)
 Thailand, Andaman Sea & Gulf of
 Thailand

Pteria penguin form *lotorium* (Lamarck,
 1819)
 Thailand, Andaman Sea & Gulf of
 Thailand
Pteria semisagitta (Lamarck, 1819)
 Thailand, Andaman Sea
Pteria tortirostris (Dunker, 1848)
 Thailand, Gulf of Thailand

Family: MALLEIDAE

Malleus albus Lamarck, 1819
 Thailand, Andaman Sea & Gulf of
 Thailand
Malleus malleus (Linnaeus, 1758)
 Thailand, Andaman Sea & Gulf of
 Thailand
Malleus sp.
 Thailand, Andaman Sea
Malvifundus regulus (Forsskål, 1775)
 Thailand, Andaman Sea

Family: VULSELLIDAE

Vulsella sp.
 Thailand, Andaman Sea

Family: ISOGNOMONIDAE

Isognomon ephippium (Linnaeus, 1758)
 Thailand, Andaman Sea & Gulf of
 Thailand
Isognomon (Isogonum) isognomum
 (Linnaeus, 1758)
 Thailand, Andaman Sea & Gulf of
 Thailand
Isognomon (Anisoperma) legumen (Gmelin,
 1791)
 Thailand, Andaman Sea
Isognomon perna (Linnaeus, 1767)
 Thailand, Andaman Sea & Gulf of
 Thailand

Family: PINNIDAE

Atrina (Servatrina) pectinata (Linnaeus,
 1767)
 Thailand, Andaman Sea & Gulf of
 Thailand
Atrina (Atrina) vexillum (Born, 1778)
 Thailand, Andaman Sea & Gulf of
 Thailand

- Pinna atropurpurea* Sowerby, 1825
Thailand, Andaman Sea
Pinna bicolor Gmelin, 1791
Thailand, Andaman Sea & Gulf of
Thailand
Streptopinna saccata (Linnaeus, 1758)
Thailand, Andaman Sea

Order: LIMOIDA

Family: LIMIDAE

- Ctenoides annulata* (Lamarck, 1819)
Thailand, Andaman Sea
Lima lima (Linnaeus, 1758)
Thailand, Andaman Sea
Lima orientalis (Adams & Reeve, 1850)
[In the genus *Limaria*]
Thailand, Andaman Sea
Lima vulgaris Link, 1807
Thailand, Andaman Sea
Lima sp.
Thailand, Andaman Sea
Limaria basilanica (Adams & Reeve,
1850)
Thailand, Andaman Sea
Limaria fragilis (Gmelin, 1791)
Thailand, Andaman Sea

Order: OSTREOIDA

Family: OSTREIDAE

- Alectryonella crenulifera* (Sowerby, 1871)
Malaysia
Alectryonella plicatula (Gmelin, 1791)
Thailand, Andaman Sea
Anomiostrea coralliophila Habe, 1975
Thailand, Andaman Sea
Crassostrea belcheri (Sowerby, 1871)
Thailand, Andaman Sea & Gulf of
Thailand
Crassostrea gigas (Thünberg, 1793)
Thailand, Andaman Sea & Gulf of
Thailand
Crassostrea iredalei (Faustino, 1932)
Thailand, Andaman Sea & Gulf of
Thailand
Crassostrea lugubris (Sowerby, 1871)
Thailand, Gulf of Thailand
Crassostrea madrasensis Preston, 1916
India

- Crassostrea* sp.
Thailand, Andaman Sea
Dendostrea folium (Linnaeus, 1758)
Thailand, Andaman Sea & Gulf of
Thailand
Dendostrea rosacea (Deshayes, 1836)
Thailand, Andaman Sea
Dendostrea sandvichensis (Sowerby, 1871)
Thailand, Gulf of Thailand
Dendostrea sp.
Thailand, Andaman Sea
Lopha cristagalli (Linnaeus, 1758)
Thailand, Andaman Sea
Ostrea sp.
Thailand, Andaman Sea
Saccostrea cucullata (Born, 1778)
Thailand, Andaman Sea & Gulf of
Thailand
Saccostrea echinata (Quoy & Gaimard,
1835)
Thailand, Andaman Sea & Gulf of
Thailand
Saccostrea forskali (Gmelin, 1791)
Thailand, Andaman Sea & Gulf of
Thailand
India, Indonesia

Family: GRYPHAEIDAE

- Hyotissa hyotis* (Linnaeus, 1758)
Thailand, Andaman Sea & Gulf of
Thailand
Hyotissa numisma (Lamarck, 1819)
Thailand, Andaman Sea
Parahyotissa chemnitzii
[Probably erroneous identification]
Thailand, Andaman Sea
Parahyotissa imbricata (Lamarck, 1819)
Thailand, Andaman Sea & Gulf of
Thailand
Parahyotissa sinensis Gmelin, 1791
Thailand, Andaman Sea

Family: PLICATULIDAE

- Plicatula australis* Lamarck, 1819
Thailand, Andaman Sea
Plicatula muricata Sowerby, 1873
Thailand, Andaman Sea
Plicatula plicata (Linnaeus, 1767)

- Thailand, Gulf of Thailand
Plicatula simplex Gould, 1861
 Thailand, Andaman Sea
Plicatula sp.1
 Thailand, Andaman Sea
Plicatula sp.2
 Thailand
- Family: PECTINIDAE**
Amusium pleuronectes (Linnaeus, 1758)
 Thailand, Andaman Sea & Gulf of Thailand
Annachlamys macassarensis (Chenu, 1845)
 Thailand, Gulf of Thailand
Bractechlamys adorabilis Dijkstra & Roussy, 1993
 Thailand, Andaman Sea
 Paratype PMBC 10523, Phuket, 2 valves
Bractechlamys vexillum (Reeve, 1853)
 Thailand, Andaman Sea
Chlamys albolineata (Sowerby, 1842)
 Thailand, Andaman Sea
Chlamys senatoria (Gmelin, 1791)
 Thailand, Andaman Sea & Gulf of Thailand
Chlamys sp.
 Thailand, Andaman Sea
Complicachlamys wardiana Iredale, 1939
 Philippines
Gloriopallium pallium (Linnaeus, 1758)
 Thailand, Andaman Sea
Minnivola pyxidata (Born, 1778)
 Thailand, Andaman Sea
Pedum spondyloideum (Gmelin, 1791)
 Thailand, Andaman Sea
Volachlamys singaporina (Sowerby, 1842)
 Thailand, Andaman Sea & Gulf of Thailand
Volachlamys tranquebarica (Gmelin, 1791)
 Thailand, Andaman Sea

Family: SPONDYLIDAE

- Spondylus anacanthus* Mawe, 1823
 Thailand, Andaman Sea
Spondylus (Spondylus) butleri Reeve, 1856
 Thailand, Andaman Sea & Gulf of

- Thailand
Spondylus ducalis Röding, 1798
 [Synonym of *S. squamosus*]
 Thailand, Andaman Sea
Spondylus sinensis Schreibers, 1793
 Thailand, Gulf of Thailand
Spondylus squamosus Schreibers, 1793
 Thailand, Gulf of Thailand
Spondylus versicolor Schreibers, 1793
 Thailand, Andaman Sea & Gulf of Thailand

Family: ANOMIIDAE

- Anomia achaeus* Gray, 1850
 Thailand, Andaman Sea
Anomia sp.
 Thailand, Andaman Sea
Enigmonia aenigmatica (Sowerby, 1825)
 Thailand, Andaman Sea
Placuna placenta (Linnaeus, 1758)
 Thailand, Andaman Sea & Gulf of Thailand
Placuna sella (Gmelin, 1791)
 Thailand, Andaman Sea & Gulf of Thailand

Order: UNIONOIDA

Family: UNIONIDAE

- Ensidents ingallsianus* (Lea, 1852)
 Thailand, Andaman Sea
Uniandra contradens (Hanley, 1856)
 Thailand, Gulf of Thailand

Order: VENEROIDA

Family: LUCINIDAE

- Anodontia edentula* (Linnaeus, 1758)
 Thailand, Andaman Sea & Gulf of Thailand
Codakia punctata (Linnaeus, 1758)
 Thailand, Andaman Sea
Codakia tigrina (Linnaeus, 1758)
 Thailand, Andaman Sea
Ctena divergens (Philippi, 1850)
 Thailand, Andaman Sea
Pillucina pisidium (Dunker, 1860)
 Thailand, Andaman Sea
Pseudomitha corrugata (Deshayes, 1843)
 Thailand, Andaman Sea

Family: FIMBRIIDAE

Fimbria fimbriata (Linnaeus, 1758)
Thailand, Andaman Sea

Family: UNGULINIDAE

Diplodonta globosa (Forsskål, 1778)
[Red Sea species, probably
misidentified]
Thailand, Andaman Sea
Diplodonta sp.
Thailand, Andaman Sea

Family: GALEOMMATIDAE

Amphilepida aurantia (Deshayes, 1835)
Thailand, Andaman Sea
Galeomma argentea Deshayes, 1855
Thailand, Andaman Sea
Scintilla sp.
Thailand, Andaman Sea

Family: MONTACUTIDAE

Lionelita sp.
Thailand, Andaman Sea
Mysella sp.
Thailand, Andaman Sea

Family: CARDITIDAE

Begonia semiorbiculata (Linnaeus, 1758)
Thailand, Andaman Sea & Gulf of
Thailand
Cardita leana Dunker, 1859
Thailand, Andaman Sea
Cardita variegata Bruguière, 1792
Thailand, Andaman Sea

Family: CHAMIDAE

Chama asperella Lamarck, 1819
Thailand, Andaman Sea
Chama aspersa Reeve, 1846
Thailand, Andaman Sea
Chama brassica Reeve, 1847
Thailand, Andaman Sea
Chama imbricata Broderip, 1835
[Homonym = *C. savignyi*]
Thailand, Andaman Sea
Chama iostoma Conrad, 1837
Thailand, Andaman Sea & Gulf of

Thailand

Chama lazarus Linnaeus, 1758
Thailand, Andaman Sea
Chama multisquamosa Reeve, 1847
Thailand, Andaman Sea
Chama pacifica Broderip, 1834
Thailand, Andaman Sea
Chama pulchella Reeve, 1846
Thailand, Andaman Sea
Chama reflexa Reeve, 1846
Thailand, Andaman Sea & Gulf of
Thailand
Chama savigni Lamy, 1921
Thailand, Gulf of Thailand

Family: CRASSATELLIDAE

Crassatella radiata (Sowerby, 1825)
[Genus: *Bathytornus*]
Thailand, Andaman Sea
Crassatella ziczac Reeve, 1842
[Genus: *Talabrica*]
Thailand, Andaman Sea

Family: CARDIIDAE

Corculum cardissa (Linnaeus, 1758)
Thailand, Andaman Sea
Ctenocardia fornicata (Sowerby, 1840)
Thailand, Andaman Sea
Fragum carinatum (Lyngø, 1909)
[*Fragum*: Printer's mistake in litt.]
Thailand, Andaman Sea
Fragum fragum (Linnaeus, 1758)
PMBC 626, Ranong, 2 valves
Fragum subretusa (Sowerby, 1841)
Thailand, Andaman Sea
Fragum unedo (Linnaeus, 1758)
Thailand, Andaman Sea
Frigidocardium exasperatum (Sowerby,
1841)
Thailand, Andaman Sea
Fulvia australis (Sowerby, 1841)
Thailand, Andaman Sea
Laevicardium attenuatum (Sowerby, 1841)
Thailand, Andaman Sea & Gulf of
Thailand
Laevicardium bullata (Linnaeus, 1758)
Thailand, Andaman Sea
Lunulicardia retusa (Linnaeus, 1758)

Thailand, Andaman Sea & Gulf of Thailand

Ringicardium sp.

Thailand, Gulf of Thailand

Trachycardium angulatum (Lamarck, 1819)

Thailand, Andaman Sea & Gulf of Thailand

Trachycardium flavum (Linnaeus, 1758)

Thailand, Andaman Sea & Gulf of Thailand

Trachycardium maculosum (Wood, 1815)

Thailand, Andaman Sea

Trachycardium rubicundum (Reeve, 1845)

Thailand, Andaman Sea

Trachycardium subrugosum (Sowerby, 1840)

Thailand, Andaman Sea

Vepricardium asiaticum Bruguière, 1789

Thailand, Andaman Sea & Gulf of Thailand

Vepricardium multispinosum (Sowerby, 1841)

Thailand, Andaman Sea

Vepricardium setosum (Redfield, 1846)

[Genus: *Plagiocardium*]

Thailand, Andaman Sea

Vepricardium sinense (Sowerby, 1841)

Thailand, Gulf of Thailand

Family: TRIDACNIDAE

Tridacna crocea Lamarck, 1819

Thailand, Andaman Sea

Tridacna gigas (Linnaeus, 1758)

Thailand, Andaman Sea

Tridacna (Chametrachea) maxima

(Röding, 1798)

Thailand, Andaman Sea

Tridacna (Chametrachea) squamosa

Lamarck, 1819

Thailand, Andaman Sea

Family: MACTRIDAE

Harvella plicataria (Linnaeus, 1767)

[Genus: *Mastrinula*]

Thailand, Andaman Sea

Lutraria maxima Jonas, 1844

Thailand, Andaman Sea

Lutraria sieboldii (Deshayes, 1854)

Thailand, Andaman Sea

Maetra achatina Holten, 1802

Thailand, Andaman Sea & Gulf of Thailand

Maetra angulifera Deshayes, 1854

Thailand, Andaman Sea

Maetra antiquata Spengler, 1802

Thailand, Andaman Sea & Gulf of Thailand

Maetra dolabrata (Reeve)

Thailand, Andaman Sea

Maetra incongrua Deshayes, 1854

Thailand, Andaman Sea

Maetra lilacea Lamarck, 1818

Thailand, Andaman Sea

Maetra ornata Gray, 1837

Thailand, Andaman Sea

Maetra violacea Gmelin, 1791

Thailand, Andaman Sea

Standella capillacea (Deshayes, 1854)

Thailand

Family: MESODESMATIDAE

Atactodea striata (Gmelin, 1791)

Thailand, Andaman Sea & Gulf of Thailand

Atactodea striata form *glabrata* (Gmelin, 1791)

Thailand, Andaman Sea & Gulf of Thailand

Caecella transversalis Deshayes, 1854

Thailand, Andaman Sea

Family: SOLENIDAE

Phaxas attenuatus (Dunker, 1862)

[This is *Cultellus attenuatus* in the Phariidae]

Thailand, Andaman Sea

Solen delesserti Sowerby, 1874

Thailand, Andaman Sea

Solen grandis Dunker, 1861

Thailand, Andaman Sea

Solen roseomaculatus Pilsbry, 1901

Thailand, Andaman Sea

Solen strictus Gould, 1861

Thailand, Andaman Sea

Solen truncata Wood, 1815

Thailand, Andaman Sea
Solen vagina Linnaeus, 1758
 Thailand, Andaman Sea & Gulf of
 Thailand

Family: CULTELLIDAE

Cultellus attenuatus Dunker, 1861
 Thailand, Andaman Sea & Gulf of
 Thailand
Cultellus lacteus (Spengler, 1794)
 [Synonym of *C. maximus* (Gmelin,
 1791)]
 Thailand, Andaman Sea
Phaxas (Ensiculus) cultellus (Linnaeus,
 1758)
 Thailand, Andaman Sea
Siliqua japonica (Dunker, 1862)
 Thailand, Andaman Sea
Siliqua radiata (Linnaeus, 1758)
 Thailand, Andaman Sea & Gulf of
 Thailand

Family: TELLINIDAE

Macalia bruguieri (Hanley, 1844)
 Thailand, Andaman Sea
Macoma (Psammacoma) candida
 (Lamarck, 1818)
 Thailand, Andaman Sea
Macoma dispar (Conrad, 1837)
 Thailand, Andaman Sea
Tellina (Serratina) capsoides Lamarck,
 1818
 Thailand, Andaman Sea
Tellina (Phylloda) foliacea Linnaeus, 1758
 Thailand, Andaman Sea
Tellina (Arcopaginula) inflata Gmelin,
 1791
 Thailand, Andaman Sea
Tellina (Fabulina) minuta Lischke, 1872
 Thailand, Andaman Sea
Tellina (Tellinides) opalina Gmelin, 1791
 Thailand, Andaman Sea
Tellina (Quidnipagus) palatam (Iredale,
 1929)
 Thailand, Andaman Sea
Tellina (Cyclotellina) pretiosa (Deshayes,
 1854)
 Thailand, Andaman Sea

Tellina (Pharaonella) pulcherrima
 (Sowerby, 1825)
 Thailand, Andaman Sea
Tellina rastellum Hanley, 1844
 Thailand, Andaman Sea
Tellina (Cyclotellina) remies Linnaeus,
 1758
 Thailand, Andaman Sea & Gulf of
 Thailand
Tellina (Scutarcopagia) scobinata
 Linnaeus, 1758
 Thailand, Andaman Sea
Tellina sieboldii (Deshayes, 1835)
 Thailand, Andaman Sea
Tellina (Tellinella) staurella (Lamarck,
 1818)
 Thailand, Andaman Sea
Tellina (Tellinella) spengleri (Gmelin,
 1791)
 Thailand, Andaman Sea
Tellina sp.
 Thailand, Andaman Sea

Family: SEMELIDAE

Semele carnicolor (Hanley, 1847)
 Thailand, Andaman Sea
Semele cordiformis (Holten, 1803)
 Thailand, Andaman Sea
Semele zebuense (Metcalf, 1844)
 [Author: Hanley, 1844]
 Thailand, Andaman Sea

Family: PSAMMOBIIDAE

Asaphis deflorata Linnaeus, 1758
 [West Atlantic = *A. violascens*]
 Thailand, Andaman Sea
Asaphis dichotoma (Anton, 1839)
 [Synonym of *A. violascens*]
 Thailand, Andaman Sea
Asaphis violascens (Forsskål, 1775)
 Thailand, Andaman Sea & Gulf of
 Thailand
Gari elongata (Lamarck, 1818)
 Thailand, Andaman Sea
Gari maculosa (Lamarck, 1818)
 Thailand, Andaman Sea
Gari minor (Deshayes, 1854)
 Thailand, Andaman Sea

Gari radiata (Dunker, 1845)

Thailand, Andaman Sea

Gari sibogai Prashad, 1932

Thailand, Andaman Sea

Gari squamosa (Lamarck, 1818)

Thailand, Andaman Sea

Hiatula chinensis (Deshayes, 1854)

Thailand, Gulf of Thailand

Hiatula diphos (Linnaeus, 1771)

Thailand, Andaman Sea

Hiatula planulata (Reeve, 1857)

Thailand, Gulf of Thailand

Family: SOLECURTIDAE

Sinovacula constricta (Lamarck, 1818)

Thailand, Andaman Sea & Gulf of Thailand

Sinovacula rugosa (Linnaeus, 1767)

[Possibly: *Glaucomya rugosa* (Reeve, 1844)]

Thailand, Andaman Sea & Gulf of Thailand

Solecortus divaricatus (Lischke, 1869)

Thailand, Andaman Sea

Family: DONACIDAE

Donax cuneata (Linnaeus, 1758)

Thailand, Andaman Sea & Gulf of Thailand

Donax faba Gmelin, 1791

Thailand, Andaman Sea & Gulf of Thailand

Hecuba scortum (Linnaeus, 1758)

Thailand, Andaman Sea & Gulf of Thailand

Family: TRAPEZIIDAE

Coralliophaga coralliophaga (Gmelin, 1791)

Thailand, Andaman Sea

Leptomya spectabilis Deshayes, 1882

Thailand, Andaman Sea

Trapezium angulatum (Lamarck, 1819)

[Synonym of *T. bicarinatum*]

Thailand, Andaman Sea

Trapezium bicarinatum (Schumacher, 1817)

Thailand, Andaman Sea

Trapezium oblongum (Linnaeus, 1758)

Thailand, Gulf of Thailand

Trapezium (Neotrapezium) sublaevigatum

(Lamarck, 1819)

Thailand, Andaman Sea

Trapezium sp.

Thailand, Andaman Sea

Family: GLOSSIDAE

Meiocardia moltkiana (Gmelin, 1791)

Thailand, Andaman Sea

Meiocardia tetragona A. Adams & Reeve, 1850

[Homonym: Renamed *M. samarangiae*

Bernard, Cai & Morton, 1993]

Thailand, Andaman Sea

Family: CORBICULIDAE

Batissa violacea (Lamarck, 1806)

Thailand

Corbicula ligidiana Prime, 1861

Thailand, Gulf of Thailand

Geloina zeylanica Lamarck, 1818

Thailand, Andaman Sea & Gulf of Thailand

Polymesoda (Geloina) bengalensis

(Lamarck, 1818)

Thailand, Andaman Sea

Polymesoda (Geloina) erosa (Solander, 1786)

Thailand, Andaman Sea & Gulf of Thailand

Polymesoda (Geloina) sp.

India

Family: VENERIDAE

Amiantis hagenowi (Dunker)

Thailand, Andaman Sea

Anomalocardia squamosa (Linnaeus, 1758)

Thailand, Andaman Sea & Gulf of Thailand

Vietnam

Antigona lamellaris Schumacher, 1817

Thailand, Andaman Sea, Indochina

Bassina callophylla (Philippi, 1836)

[*Placamen callophyllum*]

Thailand, Andaman Sea

- Callista florida* (Lamarck, 1818)
Indochina
- Callista pilsbryi* Habe, 1960
Thailand
- Circe (Circe) scripta* (Linnaeus, 1758)
Thailand, Andaman Sea & Gulf of Thailand
- Clausinella chlorotica* (Philippi, 1813)
Thailand, Andaman Sea
- Clausinella isabellina* (Philippi, 1849)
[Genus: *Placamen*]
Thailand, Gulf of Thailand
- Clementia papyracea* (Gray, 1825)
Thailand, Andaman Sea
- Dosinia (Dosinella) angulosa* (Philippi, 1847)
Thailand, Andaman Sea
- Dosinia aspera* Reeve
Vietnam
- Dosinia erythraea* Römer, 1860
Thailand, Gulf of Thailand
- Dosinia exasperata* (Philippi, 1847)
Thailand, Andaman Sea & Gulf of Thailand
- Dosinia histrio* (Gmelin, 1791)
Thailand, Andaman Sea
- Dosinia sericea* (Reeve, 1850)
Thailand, Andaman Sea & Gulf of Thailand
- Dosinea sieboldii* (Reeve, 1850)
Vietnam
- Dosinia* sp.
Thailand, Gulf of Thailand
- Gafrarium dispar* (Dillwyn, 1817)
Thailand, Andaman Sea & Gulf of Thailand
- Gafrarium divaricatum* (Gmelin, 1791)
Thailand, Andaman Sea & Gulf of Thailand
- Gafrarium pectinatum* (Linnaeus, 1758)
Thailand, Andaman Sea
- Gafrarium tumidum* Röding, 1798
Thailand, Andaman Sea & Gulf of Thailand
- Irus irus* (Linnaeus, 1758)
Thailand, Andaman Sea
- Irus macrophylla* (Deshayes, 1853)
[Usually listed as: *Irus irus macrophyllus*]
Vietnam
- Lioconcha castrensis* (Linnaeus, 1758)
Thailand, Andaman Sea
- Lioconcha fastigiata* (Sowerby, 1851)
Thailand, Andaman Sea
- Lioconcha ornata* (Dillwyn, 1817)
Thailand, Andaman Sea
- Lioconcha philippinarum* (Hanley, 1844)
Thailand, Andaman Sea
- Lioconcha trimaculata* (Lamarck, 1818)
Vietnam
- Marcia (Hemitapes) hiantina* (Lamarck, 1818)
Thailand, Andaman Sea & Gulf of Thailand
- Marcia (Hemitapes) sp.*
Thailand, Andaman Sea
- Marcia japonica* (Gmelin, 1791)
Thailand, Andaman Sea
Indochina, Vietnam
- Marcia opima* (Gmelin, 1791)
Thailand, Andaman Sea & Gulf of Thailand
- Meretrix attenuata* Dunker
Indochina
- Meretrix castanea* Lamarck, 1818
[Synonym of *M. meretrix*]
Indochina
- Meretrix lusoria* (Röding, 1798)
[Synonym of *M. meretrix*]
Thailand, Andaman Sea & Gulf of Thailand
- Meretrix lyrata* Sowerby, 1851
Indochina
- Meretrix meretrix* (Linnaeus, 1758)
Thailand, Andaman Sea & Gulf of Thailand
Indochina
- Meretrix petechialis* Lamarck, 1818
[Synonym of *M. meretrix*]
Indochina
- Paphia alapapilionis* Röding, 1798
Thailand, Andaman Sea

- Paphia crassisulca* (Lamarck, 1818)
Thailand, Andaman Sea
- Paphia (Protapes) gallus* (Gmelin, 1791)
Thailand, Andaman Sea & Gulf of Thailand
- Paphia (Protapes) gallus form lentiginosa* (Reeve, 1864)
Thailand, Andaman Sea & Gulf of Thailand
- Paphia rotundata* (Linnaeus, 1758)
Thailand, Andaman Sea
- Paphia semirugata* (Philippi, 1847)
Thailand, Andaman Sea
- Paphia undulata* (Born, 1778)
Thailand, Andaman Sea & Gulf of Thailand
- Periglypta chemnitzii* (Hanley, 1844)
Thailand, Andaman Sea
- Periglypta clathrata* (Deshayes, 1853)
Thailand, Andaman Sea & Gulf of Thailand
- Periglypta crispata* (Deshayes, 1853)
Thailand, Andaman Sea
- Periglypta puerpera* (Linnaeus, 1771)
Thailand, Andaman Sea & Gulf of Thailand
Vietnam
- Periglypta reticulata* (Linnaeus, 1758)
Thailand, Andaman Sea, Indochina
- Pitar affinis* (Gmelin, 1971)
Indochina
- Pitar citrinus* (Lamarck, 1818)
Thailand, Andaman Sea
- Pitar hebraea* (Lamarck, 1818)
Thailand, Andaman Sea
- Pitar leata* (Linnaeus, 1758)
[The name *laeta* is used for various species, particularly *Pitar prora* (Conrad, 1837) but its true identity is not established]
Indochina
- Placamen calophyllum* (Philippi, 1846)
Vietnam
- Placamen tiara* (Dillwyn, 1817)
Thailand, Andaman Sea, Indochina
- Sunetta effossa* (Reeve, 1843)
Thailand, Andaman Sea
- Sunetta meroe* (Linnaeus, 1758)
Thailand, Andaman Sea
- Sunetta truncata* (Deshayes, 1853)
Thailand, Gulf of Thailand
- Tapes (Ruditapes) variegatus* (Sowerby, 1852)
Thailand, Andaman Sea & Gulf of Thailand
- Tapes dorsatus* (Lamarck, 1818)
Thailand, Andaman Sea & Gulf of Thailand
- Tapes literatus* (Linnaeus, 1758)
Thailand, Andaman Sea
Vietnam
- Timcolea (Glycodonta) imbricata* (Sowerby, 1845)
Thailand, Andaman Sea
- Timoclea (Glycodonta) marica* (Linnaeus, 1758)
Thailand, Andaman Sea
- Venus impressa* Anton
Vietnam
- Venus toreuma* Gould, 1850
Indochina
- Family: PETRICOLIDAE**
- Petricola aequistriatus* (Sowerby, 1847)
Thailand, Andaman Sea
- Petricola (Petricola) lapicida* (Gmelin, 1791)
Thailand, Andaman Sea
- Petricola (Claudiconcha) monstrosa* (Gmelin, 1791)
Thailand, Andaman Sea
- Order: MYOIDA
- Family: MYIDAE**
- Mya* sp.
Thailand, Andaman Sea
- Family: CORBULIDAE**
- Corbula arcaiformis* Lynge, 1909
Thailand, Andaman Sea
- Corbula crassa* Hinds, 1843
Thailand, Andaman Sea
- Corbula erythrodon* Lamarck, 1818
Thailand, Andaman Sea

Corbula modesta Hinds, 1843
Thailand, Andaman Sea

Corbula sp.
Thailand, Gulf of Thailand

Family: GASTROCHAENIDAE

Gastrochaena carteri Nielsen, 1985
Thailand, Andaman Sea
Holotype PMBC 3989, Phuket
Paratype PMBC 4635, Phuket, 1
specimen

Gastrochaena cuneiformis Spengler, 1783
Thailand, Andaman Sea

Gastrochaena dentifera Dufo, 1840
Thailand, Andaman Sea

Gastrochaena gigantea (Deshayes, 1830)
Thailand, Andaman Sea

Gastrochaena inaequistriata Jousseaume
in Lamy, 1923
Thailand, Andaman Sea

Spengleria apertissima (Deshayes, 1855)
Thailand, Andaman Sea

Spengleria plicatilis (Deshayes, 1855)
Thailand, Andaman Sea

Family: PHOLADIDAE

Barnea (Anachomasa) dilatata Souleyet,
1843
Thailand, Andaman Sea

Jouanettia cumingii (Sowerby, 1849)
Thailand, Andaman Sea

Jouanettia (Pholadopsis) globulosa (Quoy
& Gaimard, 1835)
Thailand, Andaman Sea

Parapholas quadrizonata (Spengler, 1792)
Thailand, Andaman Sea

Pholas (Monothyra) orientalis Gmelin,
1791
Thailand, Andaman Sea & Gulf of
Thailand

Family: TEREDINIDAE

Bactronophorus thoracites (Gould, 1856)
Thailand, Andaman Sea & Gulf of
Thailand

Order: PHOLADOMYOIDA

Family: LATERNULIDAE

Laternula truncata (Lamarck, 1818)
Thailand, Andaman Sea

Family: CLAVAGELLIDAE

Clavagella (Dacosta) lata Broderip in
Owen, 1835
Thailand, Andaman Sea

Clavagella sp.
Thailand, Andaman Sea

Family: CUSPIDARIIDAE

Cuspidaria sp.
Thailand, Andaman Sea

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