



Sea Shells of Bangladesh

Marine Gastropod and Bivalve Molluscs Biodiversity

Chank

Cowries

Cockles

Clams

Mussels

Scallops

Limpets

Periwinkles

Buttons

Moon shells

Oysters

Sundials

Horns

Olives

Whelks

600+ original photographs

M. Shahadat Hossain
SM Sharifuzzaman
Sayedur R. Chowdhury
M. Shah Nawaz Chowdhury
Subrata Sarker
M. Royhanur Islam
Avijit Talukder





Sea Shells of Bangladesh

Marine Gastropod and Bivalve Molluscs Biodiversity

M. Shahadat Hossain
SM Sharifuzzaman
Sayedur R. Chowdhury
M. Shah Nawaz Chowdhury
Subrata Sarker
M. Royhanur Islam
Avijit Talukder



Sea Shells of Bangladesh: Marine Gastropod and Bivalve Molluscs Biodiversity

Publishers:

Centre for Coast, Climate and Communities (Tetra-C)
<http://www.tetra-c.com>

Institute of Marine Sciences and Fisheries, University of Chittagong
<http://www.imsfcu.ac.bd>

November 2014

Cover design and layout:

Sayedur R Chowdhury

Printed at:

SAMS Creations, Chittagong

Acknowledgements

The authors were inspired to do the study of marine molluscs biodiversity of Bangladesh during a research project on 'Ecological Engineering for Coastal Protection and Food Production in Bangladesh (ECOBAS)' funded by the IMARES and LEI, Wageningen UR, and Royal HaskoningDHV of the Netherlands. Thanks to the fishers, molluscs collectors and islanders for their support, and sharing knowledge and experiences on the topic. Sincere gratitude is also extended to Mr Md Kawser Ahmed (UNO, Moheshkhali), Mr Md Abdul Quaiyum (Conservation Biologist, Moheshkhali), Mr Md Delaware Hossain (Professor, Kutubdia College), Md Jainal Abedin (Field staff, Institute of Marine Sciences and Fisheries, University of Chittagong) for various support extended during the study.

TABLE OF CONTENTS

Introduction
Specimen Collection and Identification
Identification Keys

COLOR PLATES 1-36

Class GASTROPODA

Order Archaeogastropoda

Order Mesogastropoda

Order Neogastropoda

Class BIVALVIA

Order Nuculoida

Order Arcoida

Order Mytiloida

Order Pterioida

Order Ostreina

Order Veneroida

Order Myodina

List of Species 37-44

References 44

INTRODUCTION

The coastal and marine ecosystems of Bangladesh provide abode to a fantastic array of life forms. These include plants, invertebrates, vertebrate animals and microorganisms, of which many species such as mangroves, hilsa, olive-ridley turtle, the Irrawaddy dolphins, etc., are unique to this part of the world. Molluscs are a group of invertebrates and comprise the largest marine phylum Mollusca, making up about 23% of all known marine species (Benkendor- 2010). These animals are amazingly diverse in physical appearance and size, and with respect to their food habits. There are more than 50,000 described species in the phylum with roughly 350 new species being added every year by discovery (Radulovici et al. 2010; Layton et al. 2014). But, our knowledge of taxonomy and systematics of marine molluscs remains still very basic in the context of Bangladesh. This is not only due to the shortage of people and tools to study them, but also due to problems in morphological analysis and identification of molluscs as a result of their complex larval stages, phenotypic plasticity and substantial cryptic species diversity.

In this region, it was Commans (1940) who first reported some species of molluscs from the St. Martin's Islands, and a subsequent study (i.e. Ali & Aziz 1976) described 33 species under three different classes from the same area. Later Ahmed (1990) provided an extended list and taxonomic description of marine and brackishwater molluscan fauna of Bangladesh composed of 301 species belonging to 151 genera, 79 families, 16 orders in 4 classes. Here we report a total of 317 molluscs collected from the offshore islands of Kutubdia, Maheshkhali and Sonadia, of which 121 species are identified as gastropods under 27 families, and 125 species are bivalves under 19 families. Among all identified molluscs, 181 species are new to Bangladesh. Some 71 specimens are described to the genus level only. Gastropods and bivalves are the two largest groups of molluscs in terms of numbers of species, and they are frequently encountered in the intertidal and shallow water marine habitats, even by commoners.

However, extensive shell extraction (through mollusc harvesting) for poultry and aquaculture feed industries, without any regulation and control, destruction of habitat, pollution and climate change are all posing the greatest threat to mollusc biodiversity. This has highlighted the urgent need to document these living marine resources properly as well as study them scientifically to (i) identify them as individual/group, (ii) know their biology: their diet, growth, reproduction, distribution, abundance, stock, etc., (iii) design and undertake appropriate conservation and management measures, (iv) understand the effects of human activities upon them, and (v) assess their economic importance. Nevertheless, this work is by no means complete and requires further effort, in particular, the integration of molecular methods like DNA-barcoding with morphological methods may help realize the most comprehensive information on the taxonomy of molluscs found in the coastal and marine waters of Bangladesh.

SPECIMEN COLLECTION AND IDENTIFICATION

The molluscan samples were collected from intertidal or subtidal habitats at locations across the southeastern coastal region of Bangladesh, namely the Kutubdia, Maheshkhali and Sonadia islands, between 2012 and 2013. All specimens were cleaned and immediately fixed in the field with 90-100% ethanol, and transferred to the laboratory for further processing. They were observed closely by the naked eye and sorted into major faunal groups. When possible, specimens were identified to a species-level under a stereomicroscope and light microscope based on comparisons with taxonomic references of Ahmed (1990), Abbott & Dance (2000), Rao & Dey (2000), Swennen et al. (2001), Hylleberg & Kilburn (2003), Paterson et al. (2004), and following the World

Register of Marine Species (WoRMS, <http://www.marinespecies.org>). The specimens are held at the Institute of Marine Sciences and Fisheries, University of Chittagong.

IDENTIFICATION KEYS

[a] Gastropod: shell characters such as shape, spire length & shape, mouth opening, opercular shape, umbilicus shape & size, colour, and ornamentation of the shell were primarily used to identify the gastropods. For their internal classification, the characters of the radula were useful (Figure 1a).

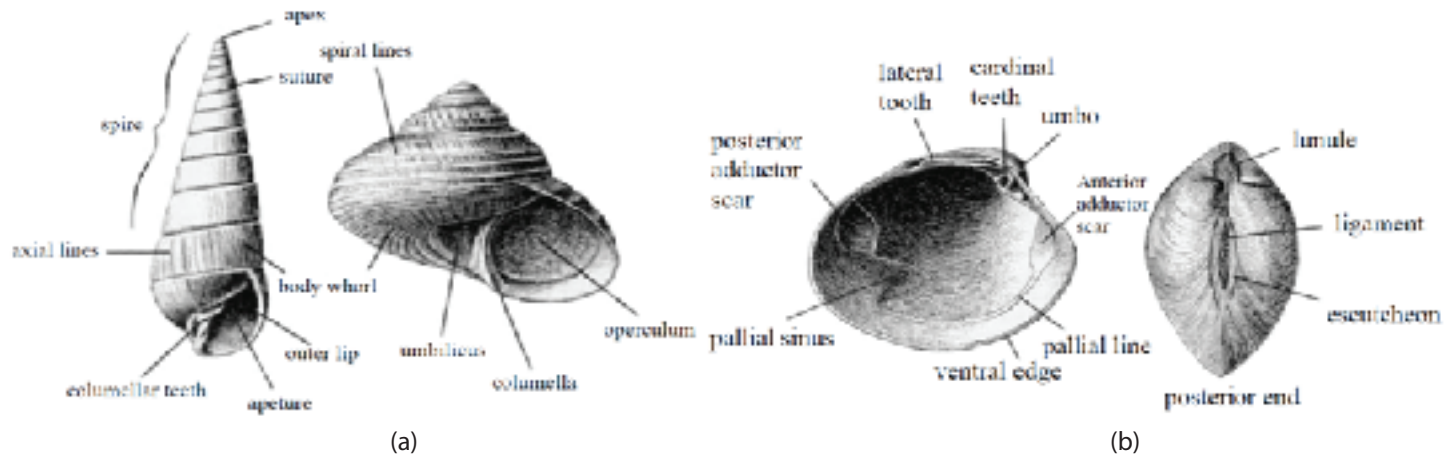
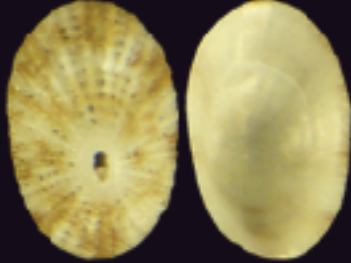


Figure 1. Diagram of parts of the (a) gastropod shell, and (b) bivalve shell (source: Abbott & Dance 2000)

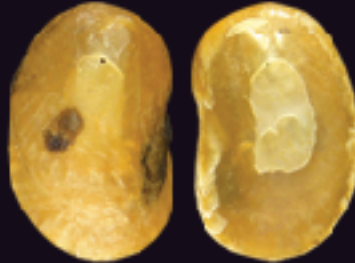
[b] Bivalve: shell morphology was used to identify the bivalves. The shell comprises of two valves - (i) equivalve (clams, mussels), i.e. the valves are similar, and (ii) inequivalve (scallops), i.e. the valves are dissimilar. The outer surface may be striated or ribbed. The two valves are held together by an elastic ligament, which leaves a scar on the hinge. The hinge may have interlocking ridges (or teeth) known as dentition. The two valves are attracted to the soft body by adductor muscles that produce scar on the interior surface. If each valve has a single scar, the shell is called monomyarian. If there are two scars on each valve, the shell is called dimyarian. At hinge, the shell has a projection named umbo which always points towards the anterior end of the animal. Thus, an anterior adductor scar and a posterior adductor scar in dimyarian shells can be distinguished. A slender scar often touches these two that marks the attachment of the mantle edge, is called the pallial line or pallial scar. Some bivalves have the mantle folded into a posterior siphon for conveying water away from the body when the animal is feeding by converted ciliary currents such shells show a pallial sinus in the pallial line (Figure 1b).

PICTURE PLATES ►

GASTROPODA/Fissurellidae

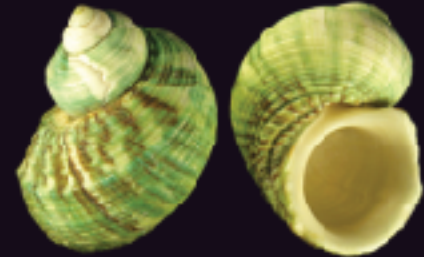


Diodora variegata (Sowerby, 1862)
Keyhole limpet

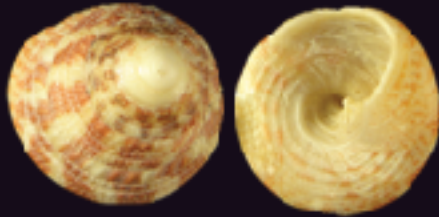


Scutus unguis (Linnaeus, 1758)
Hoof-shield limpet

GASTROPODA/Trochidae



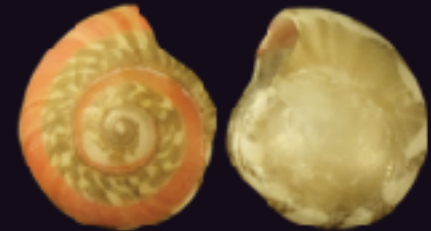
Monodonta canalifera (Lamarck, 1816)
Canal monodont



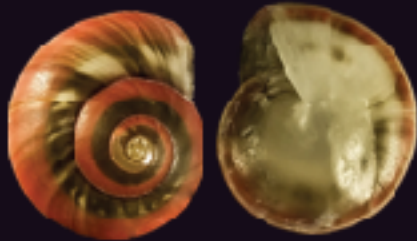
Trochus radiatus (Gmelin, 1791)
Radiate top-shell



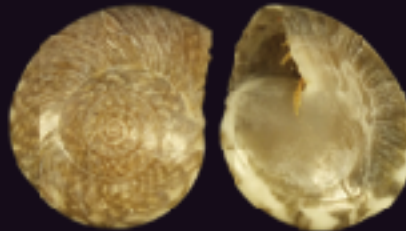
Umboium vestiarium (Linnaeus, 1758)
Button top-shell



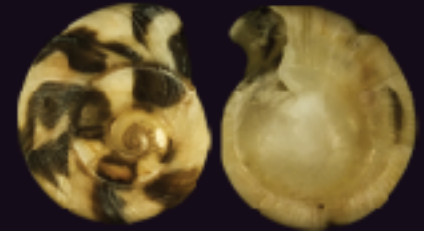
Umboium giganteum (Lesson, 1833)
Button top-shell



Archiminolia oleacea (Hedley & Petterd, 1907)
Wheel shell



Cantharidus caelatus (Hutton, 1884)
Shining top-shell

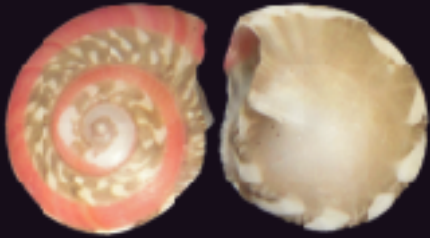


Rossiteria nucleus (Philippi, 1849)
Top-shell

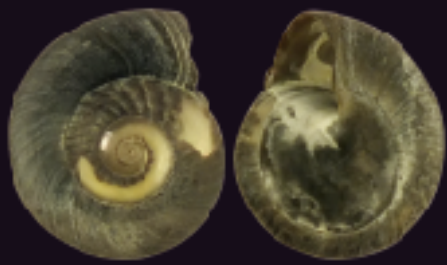
Trochidae



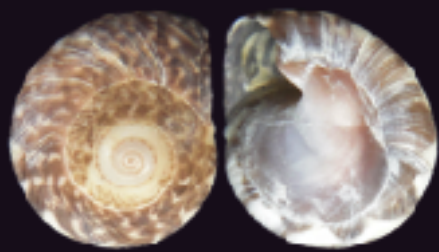
Giza-scheri (Dall, 1889)
Kelp shell



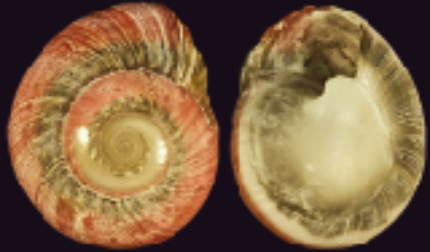
Gibbula candei (d'Orbigny, 1844)
Ashen gibbula



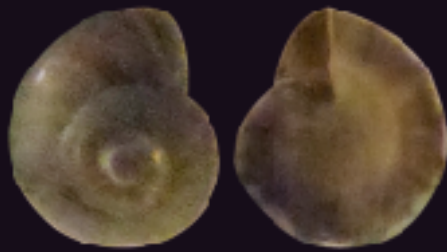
Gibbula magus (Linnaeus, 1758)
Magical gibbula



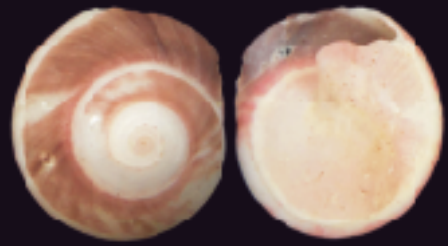
Gibbula pennanti (Phillipi, 1846)
Pennant's top-shell



Gibbula richardi (Payraudeau, 1826)
Richard's top-shell



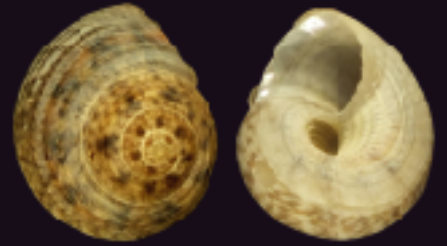
Photinula coerulescens (King & Broderip, 1831)
Top-shell



Tropidomarga biangulata (Powell, 1951)
Top-shell

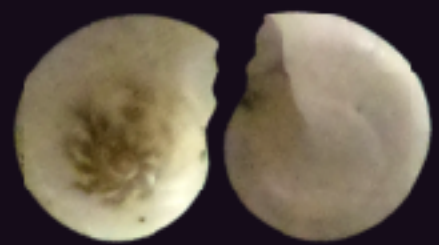


Umbonium eloiseae (Dance et al., 1992)
Button top-shell

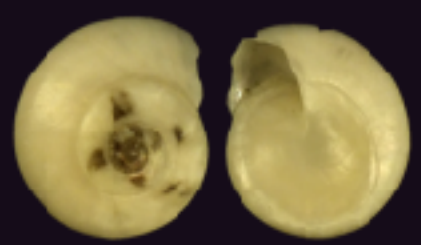


Umbonium moniliferum (Lamarck, 1822)
Button top-shell

Trochidae



Umbonium sp.
Button top-shell

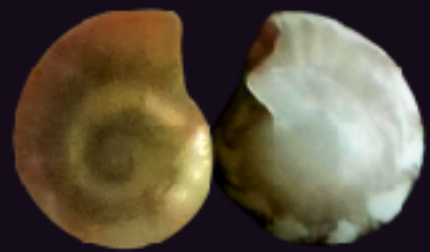


Umbonium sp.
Button top-shell



Umbonium sp.
Button top-shell

GASTROPODA/Neritidae



Umbonium sp.
Button top-shell



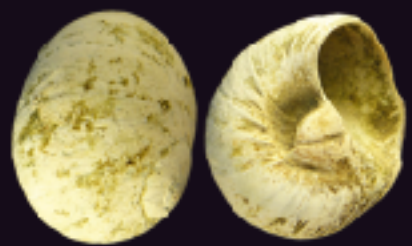
Nerita fulgurans (Gmelin, 1791)
Antillean nerite



Nerita planospira (Anton, 1839)
Flat-spired nerite



Nerita plicata (Linnaeus, 1758)
Plicate nerite



Nerita picea (Récluz, 1841)
Pitchy nerite



Puperita pupa (Linnaeus, 1758)
Dark zebra nerite

GASTROPODA/Littorinidae

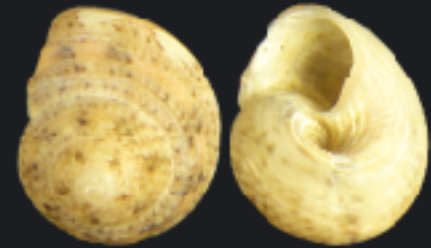


Littorina undulata (Gray, 1839)
Undulate sundial shell

GASTROPODA/Architectonicidae

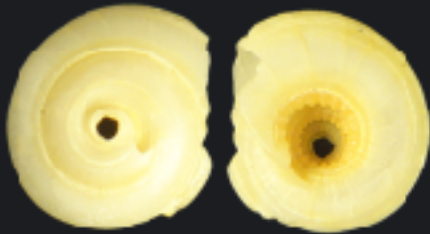


Architectonica maxima (Philippi, 1849)
Giant sundial shell



Architectonica nobilis (Röding, 1798)
Common sundial shell

GASTROPODA/Turritellidae



Architectonica acutissima (Sowerby, 1914)
Sharp-edged sundial shell



Turritella carinifera (Lamarck, 1822)
Carinate turritella



Turritella duplicata (Linnaeus, 1758)
Duplicate turritella

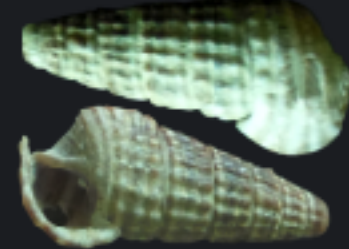
GASTROPODA/Potamididae



Protoma knockeri (Baird, 1870)
Knockers turritella



Turritella terebra (Linnaeus, 1758)
Screw turritella



Cerithidea obtusa (Lamarck, 1822)
Obtuse horn shell

Potamididae

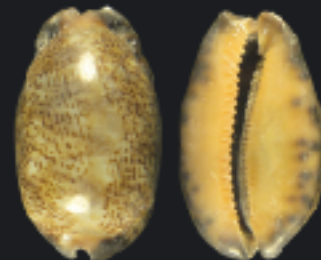


Cerithidea cingulata (Gmelin, 1791)
Girdled horn shell

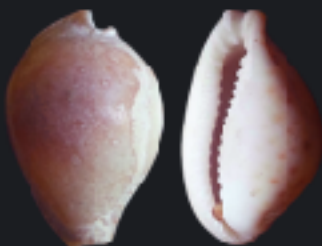


Telescopium telescopium (Linnaeus, 1758)
Telescope shell

GASTROPODA/Cypraeidae



Cypraea (Mauritia) arabica (Linnaeus, 1758)
Cowrie



Cypraea (Pustularia) cicercula (Linnaeus, 1758)
Chickpea cowrie



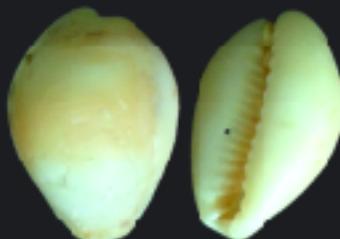
Cypraea subviridis (Reeve, 1835)
Greenish cowrie



Cypraea tessellata (Swainson, 1822)
Cowrie



Cypraea cinerea (Gmelin, 1791)
Gray cowrie



Cypraea reevei (Sowerby, 1832)
Reeve's cowrie



Cypraea (Purpuradusta) minoridens (Melville, 1901)
Small-toothed cowrie

Cypraeidae



Cypraea boivini (Kiener, 1843)
Boivin's cowrie



Cypraea dillwyni (Schilder, 1922)
Dilwyn's cowrie

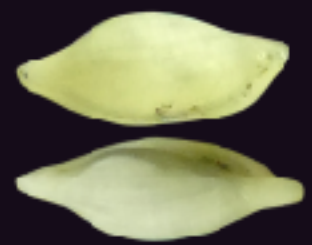


Monetaria moneta (Linnaeus, 1758)
Money cowrie

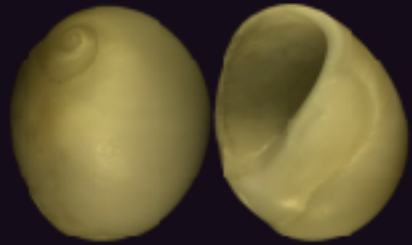
GASTROPODA/Ovulidae

GASTROPODA/Naticidae

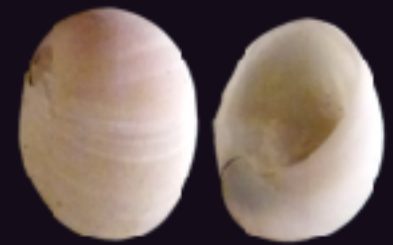
GASTROPODA/Naticidae



Phenacovolva dancei (Cate, 1973)
Dance's volva



Polinices tumidus (Swainson, 1840)
Pear-shaped moon



Sinum javanicum (Grith & Pidgeon, 1834)
Javanese ear moon

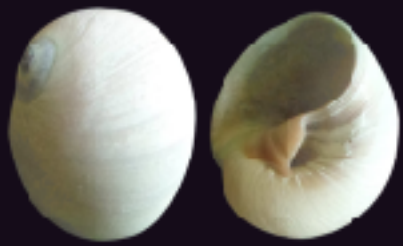
GASTROPODA/Naticidae

GASTROPODA/Naticidae

GASTROPODA/Naticidae



Sinum cymba (Menke, 1828)
Boat ear moon



Sinum maculatum (Say, 1831)
Spotted ear moon

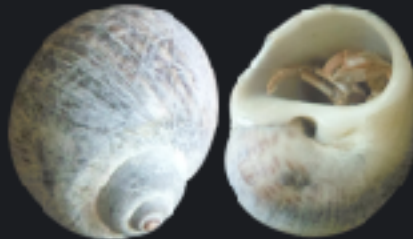


Neverita josephina (Risso, 1826)
Josephine's moon shell

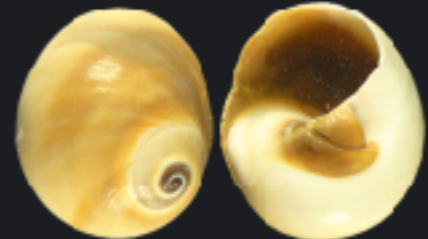
Naticidae



Natica tabularis (Kuroda, 1961)
Tabulated moon



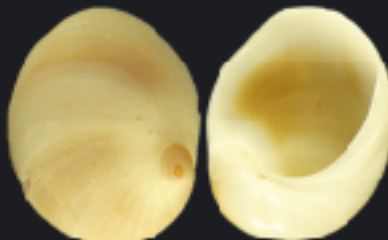
Natica maculata (von Salis, 1793)
Hebrew moon



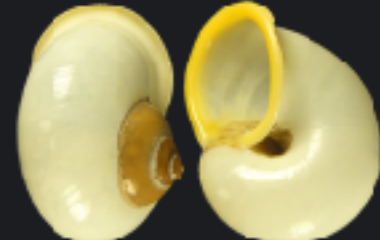
Natica vitellus (Linnaeus, 1758)
Calf moon



Natica brunneolinea (McLean, 1970)
Brown-lined moon



Sinum concavum (Lamarck, 1822)
Concave ear moon



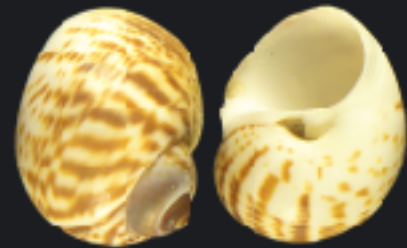
Lunatia lewisii (Gould, 1847)
Lewis's moon



Natica tigrina (Röding, 1798)
Tiger moon shell



Sinum neritoideum (Linnaeus, 1758)
Nerite ear moon

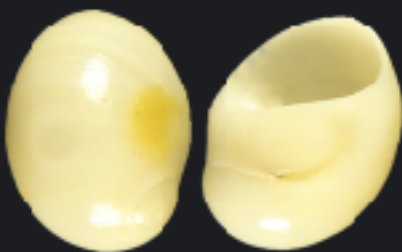


Natica lineata (Röding, 1798)
Lined moon shell

Naticidae



Polinices sp.
Moon shell



Polinices sp.
Moon shell



Natica sp.
Moon shell

GASTROPODA/Tonnidae

GASTROPODA/Tonnidae

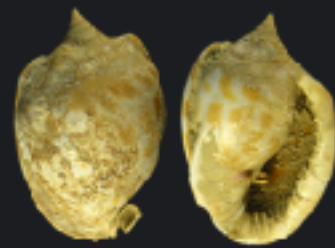
GASTROPODA/Cassidae



Natica sp.
Moon shell



Tonna dolium (Linnaeus, 1758)
Spotted cask

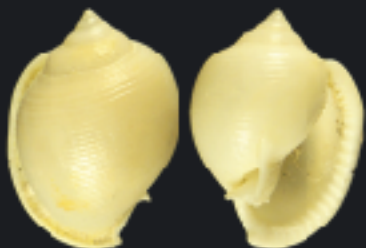


Phalium areola (Linnaeus, 1758)
Helmet shell

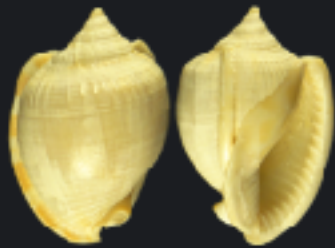
GASTROPODA/Cassidae

GASTROPODA/Cassidae

GASTROPODA/Cassidae



Semicassis bisulcata (Schubert & Wagner, 1829)
Helmet shell

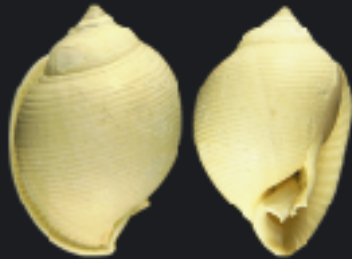


Phalium glaucum (Linnaeus, 1758)
Helmet shell



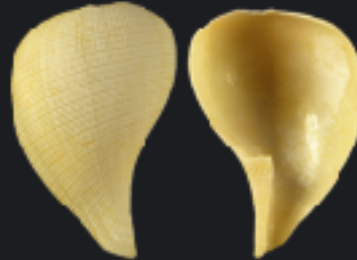
Phalium granulatum (Von Born, 1778)
Helmet shell

Cassidae



Phalium craticulatum (Euthyme, 1885)
Bonnet

GASTROPODA/Ficidae



Ficus subintermedia (d'Orbigny, 1852)
Fig shell

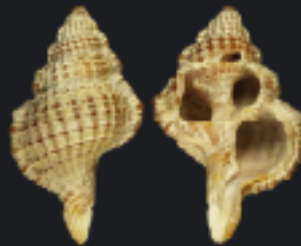


Ficus gracilis (Sowerby, 1825)
Fig shell

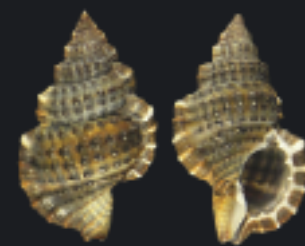
GASTROPODA/Cymatiidae



Distorsio clathrata (Lamarck, 1816)
Distorted triton



Distorsio decussata (Valenciennes, 1832)
Decussate distorsio



Gyryneum natator (Röding, 1798)
Tuberculate gyre triton

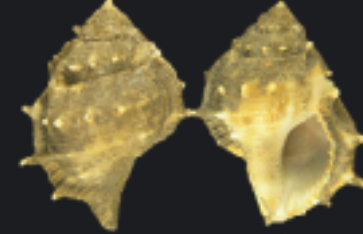
GASTROPODA/Bursidae



Argobuccinum pustulosum (Lightfoot, 1786)
Pustular triton

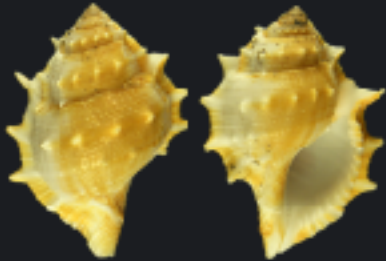


Gyryneum pusillum (Broderip, 1833)
Purple gyre triton



Bursa rana (Linnaeus, 1758)
Ruddy frog shell

Bursidae



Bursa nana (Broderip & Sowerby, 1829)
Frog shell

GASTROPODA/Bullidae

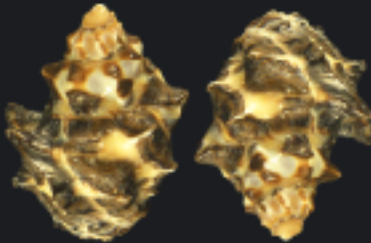


Haminoea solitaria (Say, 1822)
Say's paper-bubble

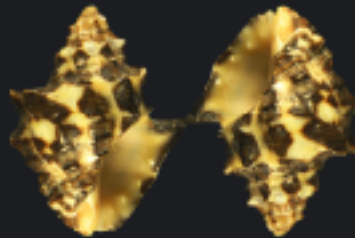
GASTROPODA/Muricidae



Murex aduncospinosus (Sowerby, 1841)
Bent-spined rock shell



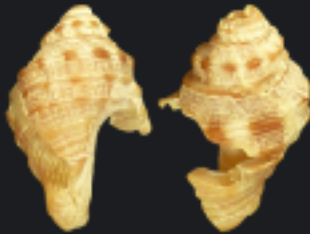
Thais tuberosa (Röding, 1798)
Tuberosa rock shell



Thais aculeata (Deshayes, 1844)
Aculeate rock shell



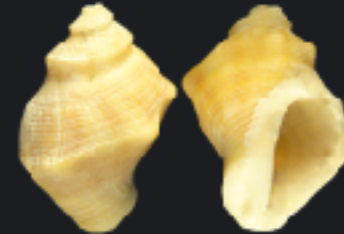
Morula uva (Röding, 1798)
Grape drupe



Acanthina lugubris (Sowerby, 1822)
Gloomy thron drupe

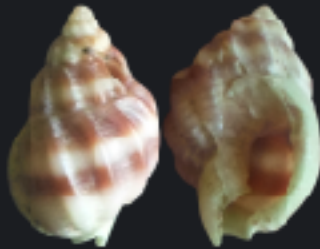


Thais (Stramonita) rustica (Lamarck, 1822)
Rustic rock shell



Thais bitubercularis (Lamarck, 1822)
Bituberculate rock shell

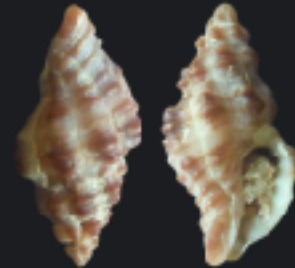
Muricidae



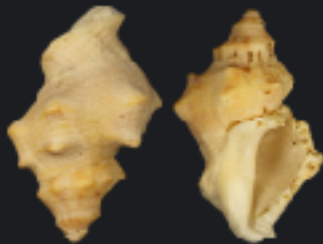
Thais tissoti (Petit, 1852)
Rock shell



Thais blanfordi (Melvill, 1893)
Balanford's rock shell



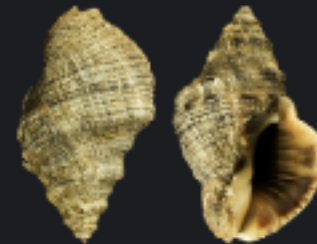
Thais intermedia (Kiener, 1836)
Intermediate rock shell



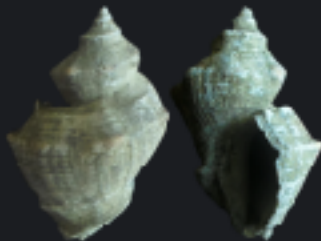
Thais coronata (Lamarch, 1816)
Coronate rock shell



Thais distinguenda (Dunker & Zelebor, 1866)
Aculeate rock shell



Thais (Mancinella) alouina (Röding, 1798)
Alou rock shell



Indothis lacera (Born, 1778)
Carinate rock shell

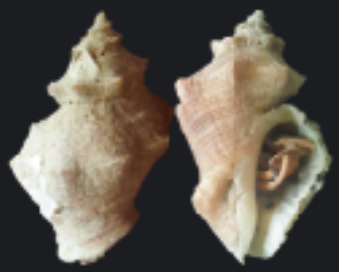


Thais kiosquiformis (Duclou 1832)
Rock shell

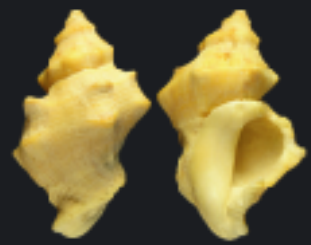


Thais sp.
Rock shell

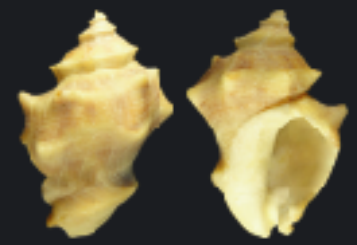
Muricidae



Thais sp.
Rock shell

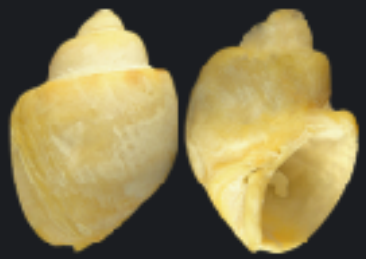


Thais sp.
Rock shell



Thais sp.
Rock shell

GASTROPODA/Buccinidae



Babylonia borneensis (Sowerby, 1864)
Bomeensis babylon

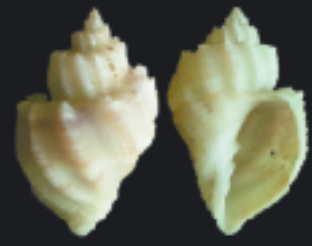


Babylonia lutosa (Lamarck, 1822)
Lutosa babylon

GASTROPODA/Nassariidae



Nassarius foveolatus (Dunker, 1847)
Dog whelk



Nassarius (Alectrion) aoteanus (Finlay, 1926)
Basket shell



Nassarius venustus (Dunker, 1847)
Lovely nassa



Bullia tenuis (Reeve, 1846)
Smooth bullia

Nassariidae



Bullia vittata (Linnaeus, 1758)
Ribbon bullia

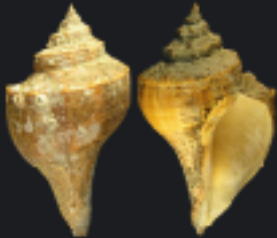


Bullia pura (Melvill, 1885)
Pure bullia



Bullia callosa (Wood, 1828)
Callused bullia

GASTROPODA/Melongenidae



Pugilina cochlidium (Linnaeus, 1758)
Spiral melongena

GASTROPODA/Olividae



Olivancillaria gibbosa (Born, 1778)
Gibbouse olive



Agaronia travassosi (Morretes, 1938)
Travasso's ancilla



Agaronia nebulosa (Lamarck, 1822)
Blotchy ancilla



Ancilla (Amalda) ampla (Gmelin, 1791)
Wide-mouth ancilla



Agaronia propatula (Conrad, 1849)
Open-mouth ancilla

Olividae



Olivancillaria contortuplicata (Reeve, 1850)
Twistew plait olive



Olivella petiolita (Duclos, 1835)
Arrow dwarf olive



Oliva sidelia (Duclos, 1835)
Pretty olive



Oliva rufula (Duclos, 1835)
Rufula olive



Oliva sayana (Ravenel, 1834)
Lettered olive



Oliva sp.
Olive shell



Oliva sp.
Olive shell



Oliva sp.
Olive shell



Oliva sp.
Olive shell

Olividae



Oliva sp.
Olive shell



Oliva sp.
Olive shell



Oliva sp.
Olive shell

GASTROPODA/Fascioliidae



Fusolatirus pagodaeformis (Melvill, 1899)
Pagoda latirus



Nodolaturus nodatus (Gmelin, 1791)
Nodular latirus

GASTROPODA/Turbinellidae



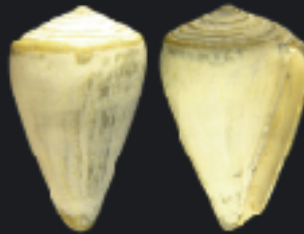
Turbinella angulata (Lightfoot, 1786)
Indian chank

GASTROPODA/Marginellidae



Marginella cornea (Lamarck, 1822)
Margin shell

GASTROPODA/Conidae



Conus venulatus (Hwass, 1792)
Cape verde cone



Conus inscriptus (Reeve, 1843)
Engraved cone

Conidae



Conus leopardus (Röding, 1798)
Leopard cone



Conus sp.
Cone shell

GASTROPODA/Turridae



Gemmula speciosa (Reeve, 1843)
Splendid turrid

GASTROPODA/Volutidae



Turricula javana (Linnaeus, 1767)
Java turrid

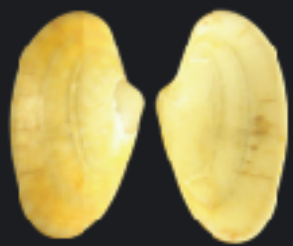


Knefastia olivacea (Sowerby, 1833)
Olivaceous knefastia



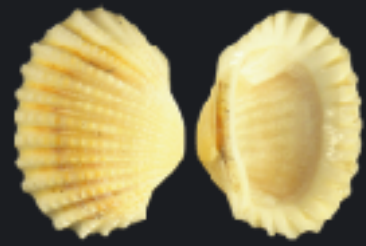
Cymbiola aulica (Sowerby, 1825)
Crown volute

BIVALVIA/Nuculidae



Yoldia sp.
Nut clam

BIVALVIA/Arcidae



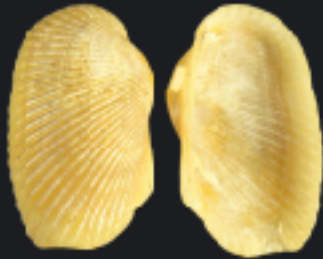
Scapharca pilula (Reeve, 1843)
Pill ark shell

BIVALVIA/Arcidae

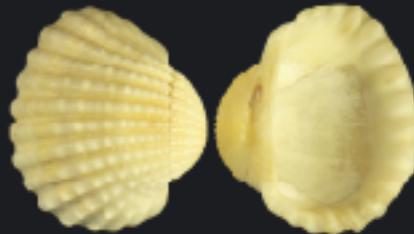


Anadara pilula (Reeve, 1843)
Hooked ark shell

Arcidae



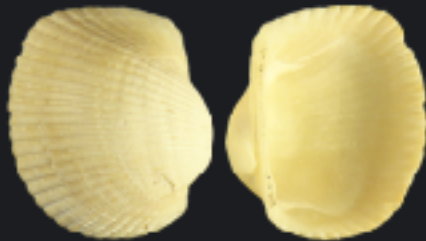
Anadara indica (Gmelin, 1791)
Ark shell



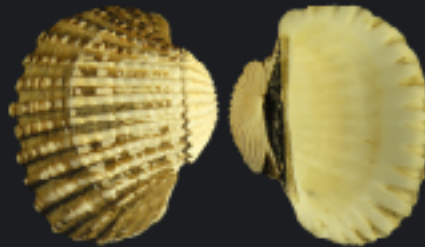
Anadara corbuloides (Monterosato, 1878)
Ark shell



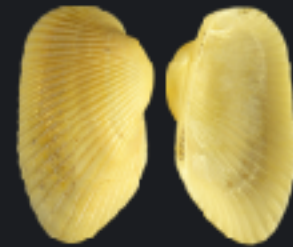
Anadara inaequalvis (Bruguiere, 1789)
Ark shell



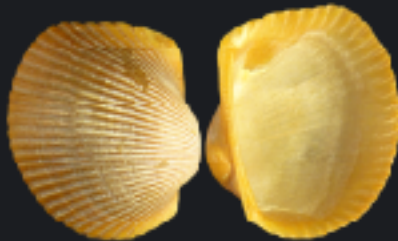
Anadara scapha (Gmelin, 1791)
Ark shell



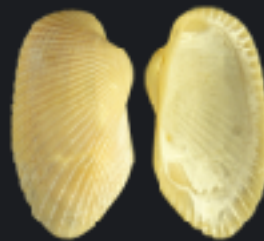
Anadara polii (Mayer, 1868)
Ark shell



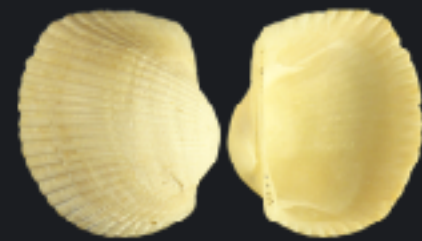
Anadara vellicata (Reeve, 1844)
Ark shell



Anadara broughtonii (Schrenck, 1867)
Ark shell

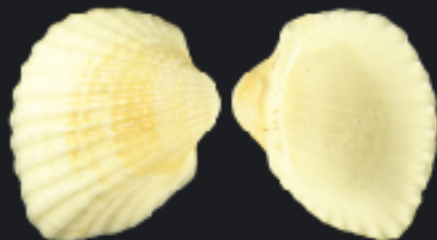


Anadara uropigmelana (Bory de St.-Vincent, 1824)
Ark shell

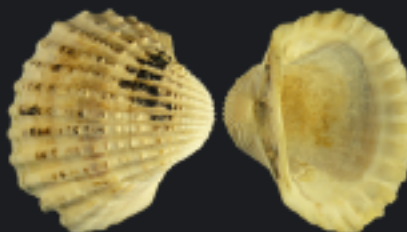


Anadara setigericosta (Nyst, 1848)
Ark shell

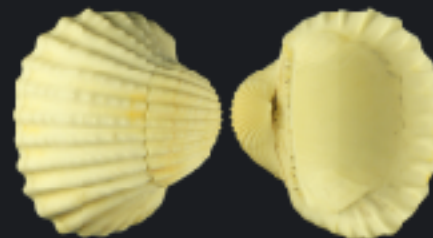
Arcidae



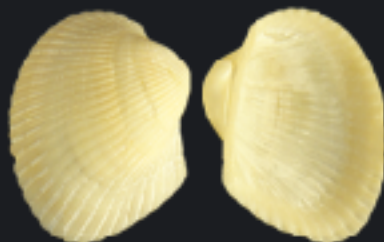
Anadara subglobosa (Kobelt, 1889)
Ark shell



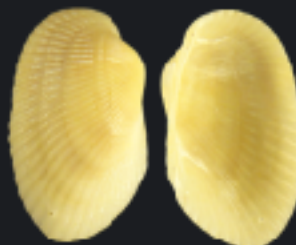
Tegillarca zanzibarensis (Nyst, 1848)
Ark shell



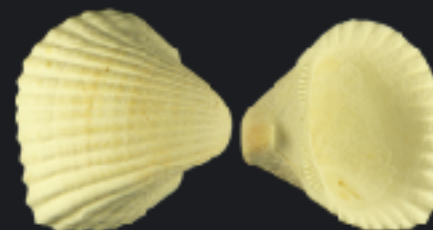
Anadara troscheli (Dunker, 1882)
Ark shell



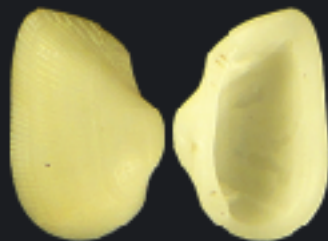
Anadara tuberculosa (Sowerby, 1833)
Ark shell



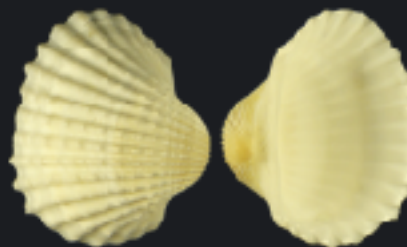
Anadara adamsi (Olsson, 1961)
Ark shell



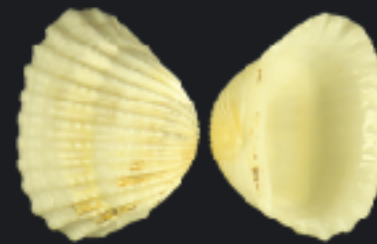
Anadara aequatorialis (d'Orbigny, 1846)
Ark shell



Anadara trapezia (Deshayes, 1839)
Ark shell

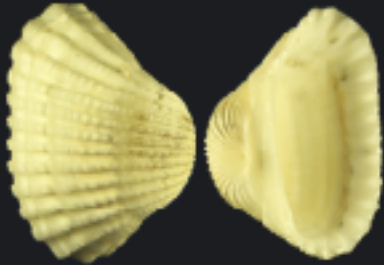


Anadara esmeralda (Pilsbry & Olsson, 1941)
Ark shell

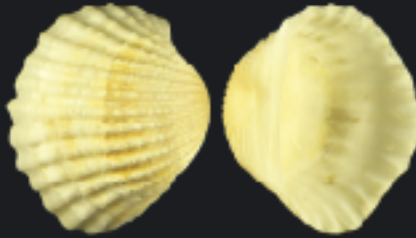


Tegillarca granosa (Linnaeus, 1758)
Ark shell

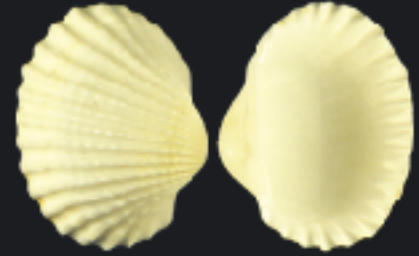
Arcidae



Anadara transversa (Say, 1822)
Transverse ark shell



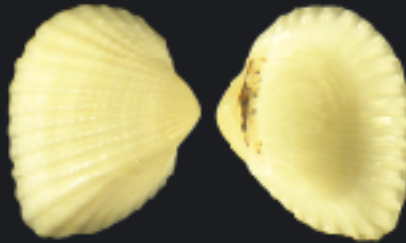
Anadara craticulata (Nyst, 1848)
Latticed ark shell



Anadara baughmani (Hertlein, 1951)
Ark shell



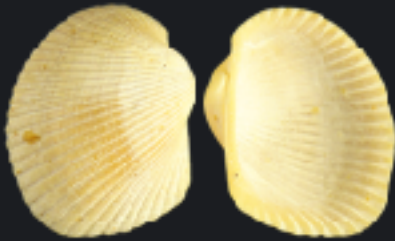
Anadara grandis (Broderip & Sowerby, 1829)
Ark shell



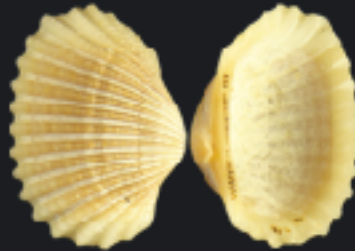
Anadara ferruginea (Reeve, 1844)
Ark shell



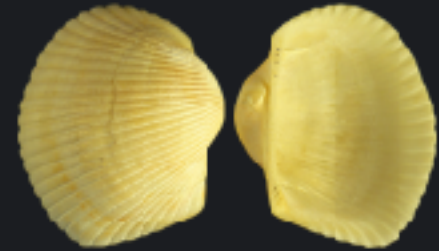
Anadara guangdongensis (Bernard et al., 1993)
Ark shell



Anadara sp.
Ark shell

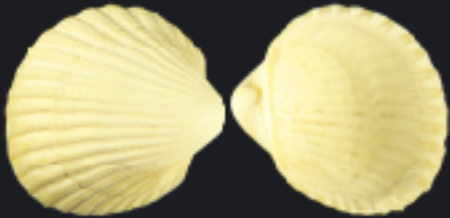


Anadara sp.
Ark shell



Anadara sp.
Ark shell

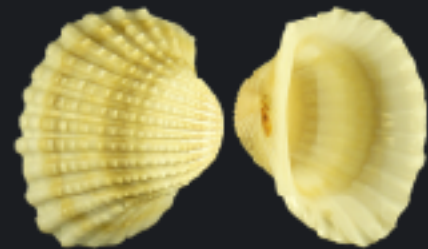
Arcidae



Anadara sp.
Ark shell



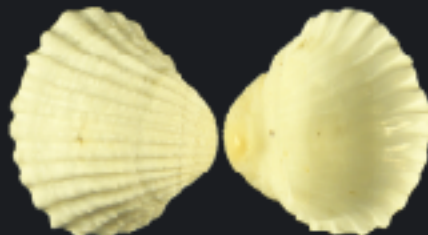
Anadara sp.
Ark shell



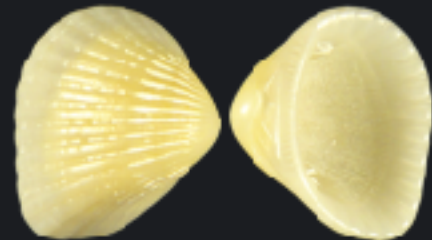
Anadara sp.
Ark shell



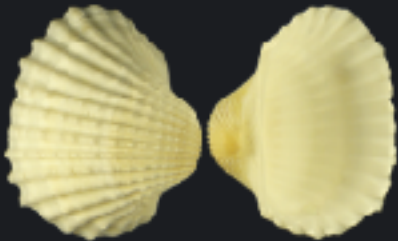
Anadara sp.
Ark shell



Anadara sp.
Ark shell



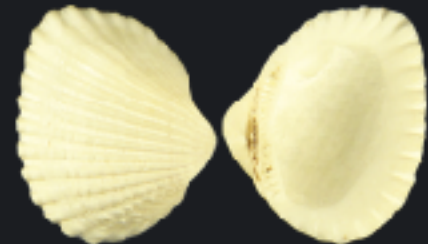
Anadara sp.
Ark shell



Anadara sp.
Ark shell



Anadara sp.
Ark shell



Anadara sp.
Ark shell

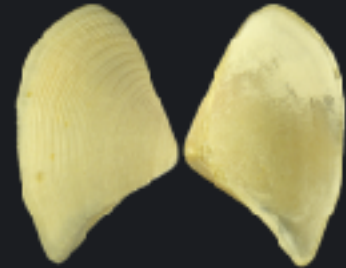
BIVALVIA/Mytilidae



Perna canaliculus (Gmelin, 1791)
Channel mussel

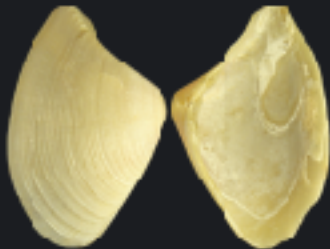


Perna viridis (Linnaeus, 1758)
Green mussel

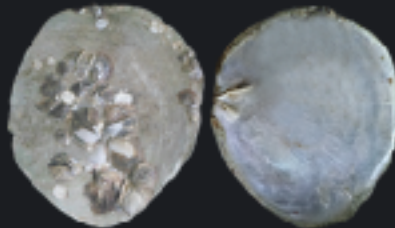


Mytella falcata (d'Orbigny, 1846)
Falcate swam mussel

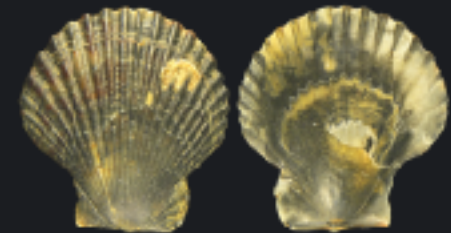
BIVALVIA/Anomiidae



Choromytilus chorus (Molina, 1782)
Chorus mussel



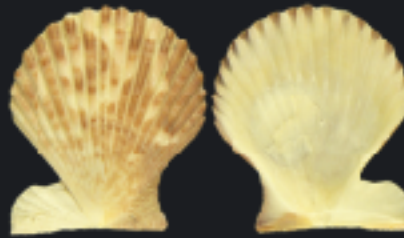
Placuna placenta (Linnaeus, 1758)
Windowpane shell



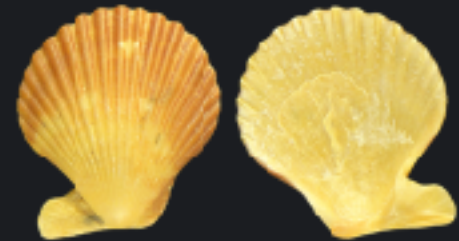
Chlamys wainwrightensis (MacNeil, 1967)
Wainwright scallop



Aequipecten lineolaris (Lamarck, 1819)
Wavy-lined scallop

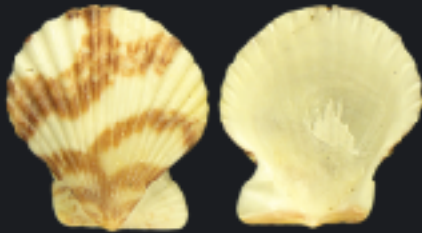


Volachlamys singaporina (Sowerby, 1842)
Scallop

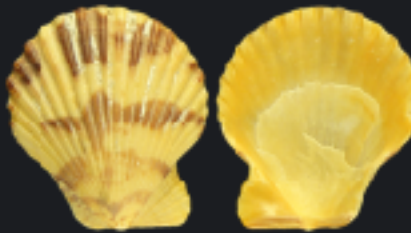


Chlamys nivea (MacGillivray, 1825)
Snow scallop

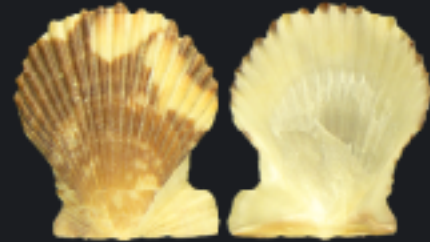
Pectinidae



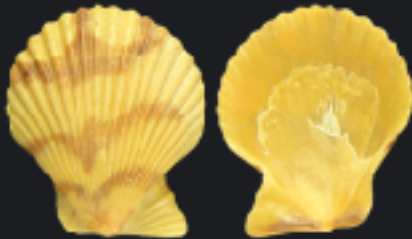
Volachlamys tranquebaria (Gmelin, 1791)
Tranquebar scallop



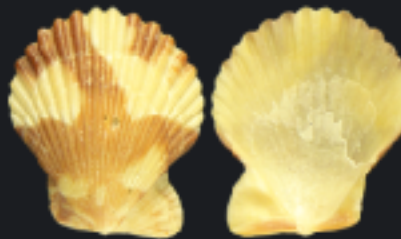
Decatopecten noduliferum (Sowerby, 1842)
Nudular scallop



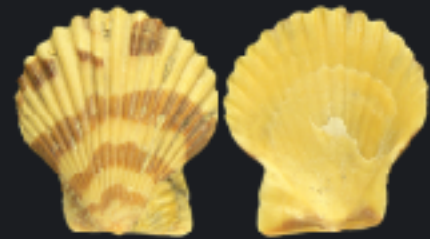
Camptonectes tigrinus (Müller, 1776)
Kitten scallop



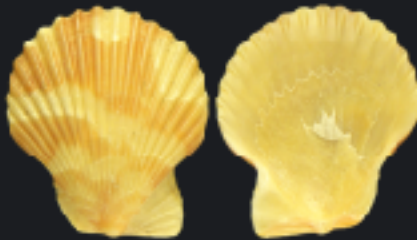
Argopecten noronhensis (Smith, 1885)
Scallop



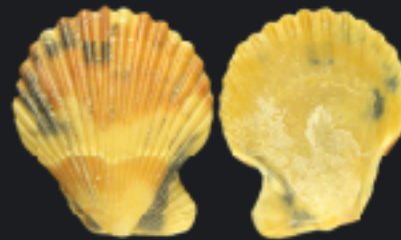
Argopecten circularis (Sowerby, 1835)
Circular scallop



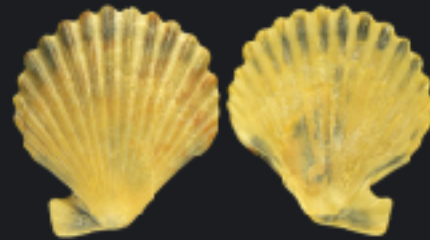
Chlamys exuosa (Poli, 1795)
Scallop



Argopecten nucleus (Born, 1778)
Nucleus scallop

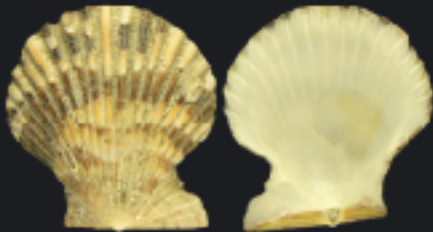


Decatopecten plica (Linnaeus, 1758)
Plicate scallop



Chlamys squamata (Gmelin, 1791)
Scaly scallop

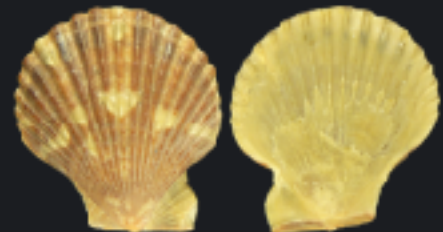
Pectinidae



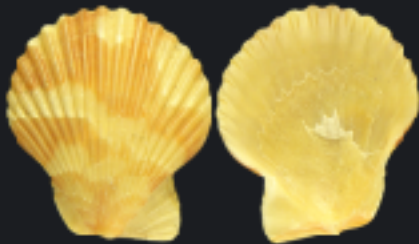
Argopecten gibbus (Linnaeus, 1758)
Calico scallop



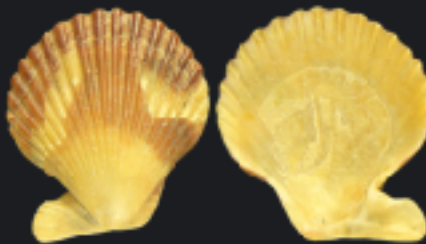
Chlamys gloriosa (Reeve, 1853)
Glorious scallop



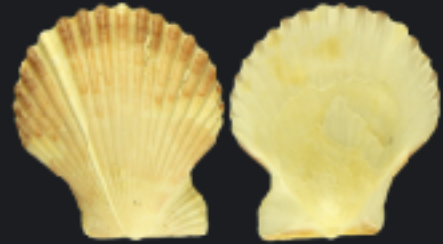
Anguipecten superbus (Sowerby, 1842)
Superb scallop



Chlamys humilis (Sowerby, 1904)
Lined scallop



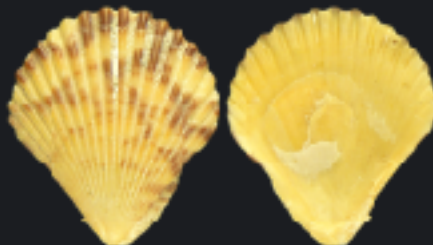
Argopecten solidulus (Reeve, 1853)
Scallop



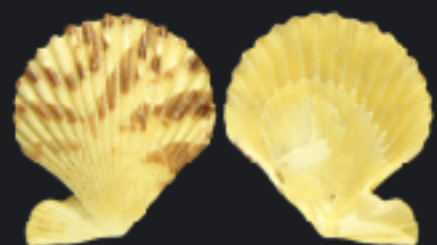
Aequipecten phrygium (Dall, 1886)
Spathate scallop



Chlamys varia (Linnaeus, 1758)
Variable scallop



Pecten sinensis (Sowerby, 1842)
Scallop



Pecten sp.
Scallop

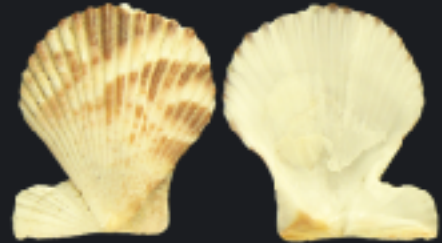
Pectinidae



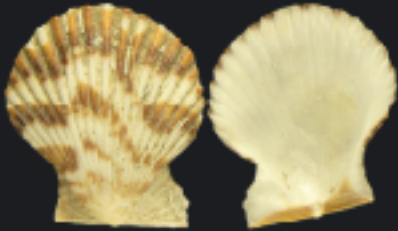
Pecten sp.
Scallop



Pecten sp.
Scallop



Pecten sp.
Scallop



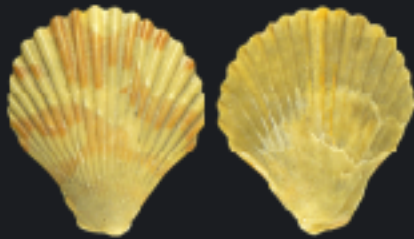
Pecten sp.
Scallop



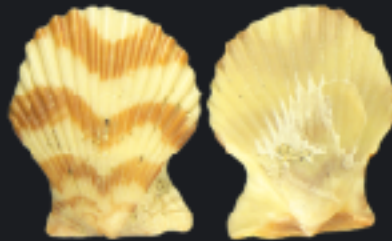
Pecten sp.
Scallop



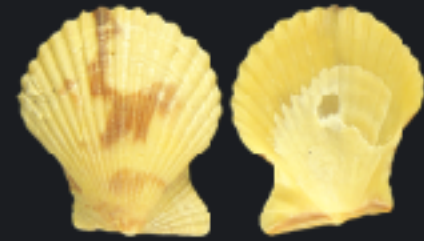
Pecten sp.
Scallop



Pecten sp.
Scallop

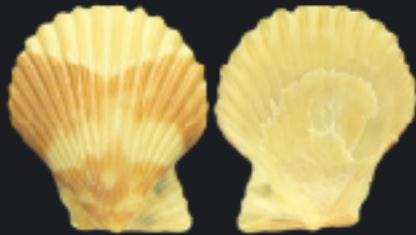


Pecten sp.
Scallop



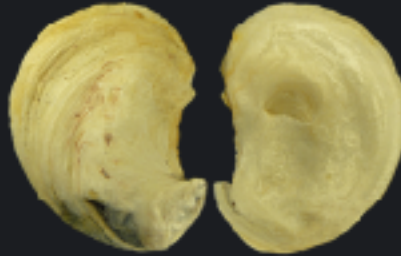
Pecten sp.
Scallop

Pectinidae



Pecten sp.
Scallop

BIVALVIA/Pteriidae



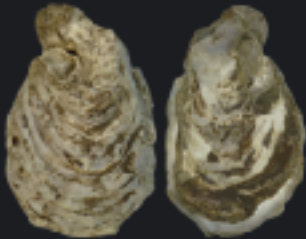
Pinctada mazatlanica (Hanley, 1856)
Pearl oyster

BIVALVIA/Ostreidae

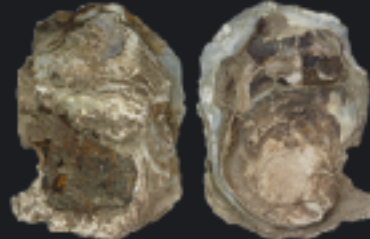


Crassostrea lacerate (Hanley, 1846)
Oyster shell

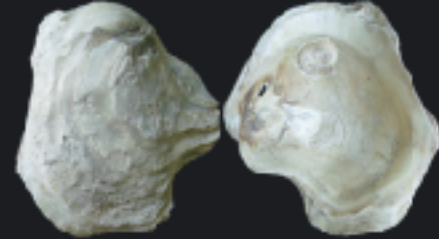
BIVALVIA/Chamidae



Crassostrea virginica (Gmelin, 1791)
Oyster shell

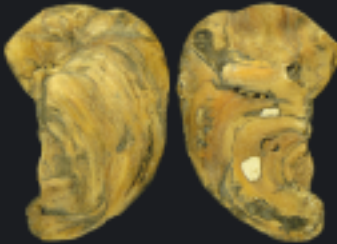


Crassostrea madrasensis (Preston, 1916)
Oyster shell



Chama buddiana (Adams, 1852)
Budd's jewelbox

BIVALVIA/Carditidae



Chama echinata (Broderip, 1835)
Leafy jewelbox

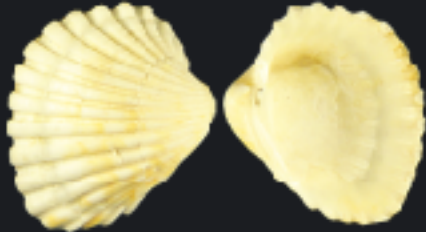


Cardita nchi (Melvill, 1898)
Cardita shell



Cardita laticostata (Sowerby, 1833)
Wide-ribbed cardita

Carditidae



Cardita kyushuensis (Okutani, 1963)
Cardita shell



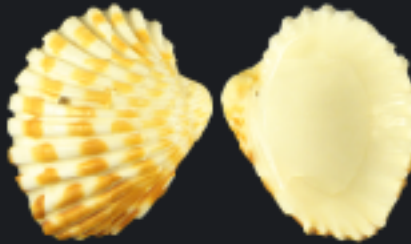
Cardita variegata (Bruguière, 1792)
Variegate cardita



Cardita tankervillei (Wood, 1828)
Tankerville's cardita



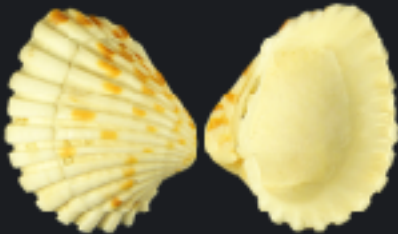
Cardita ajar (Bruguière, 1792)
Ajar cardita



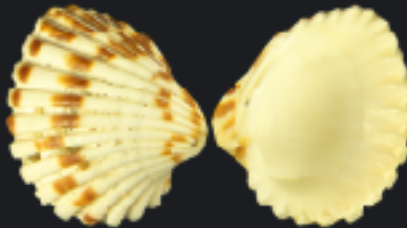
Cardita sp.
Cardita shell



Cardita sp.
Cardita shell



Cardita sp.
Cardita shell



Cardita sp.
Cardita shell

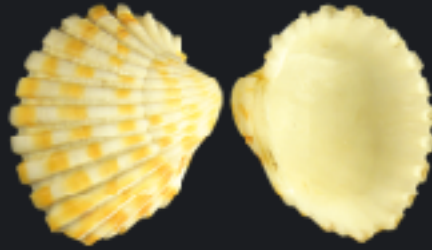


Cardita sp.
Cardita shell

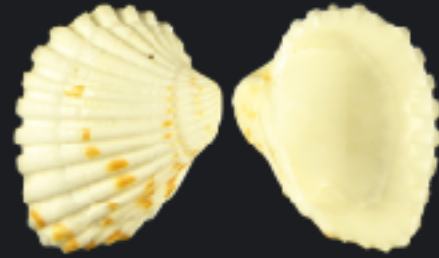
Carditidae



Cardita sp.
Cardita shell



Cardita sp.
Cardita shell



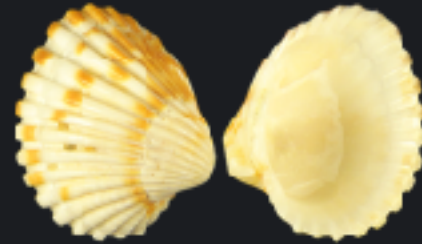
Cardita sp.
Cardita shell



Cardita sp.
Cardita shell



Cardita sp.
Cardita shell



Cardita sp.
Cardita shell



Cardita sp.
Cardita shell

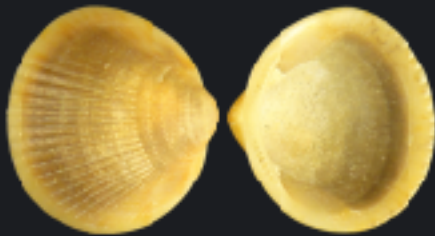


Cardita sp.
Cardita shell

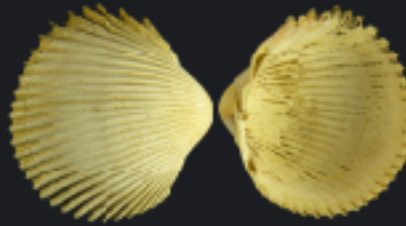


Cardita sp.
Cardita shell

BIVALVIA/Cardiidae



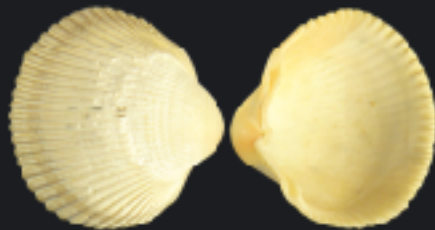
Trachycardium elongatum (Bruguère, 1789)
Elongate cockle



Trachycardium asiaticum (Bruguère, 1789)
Angulate cockle



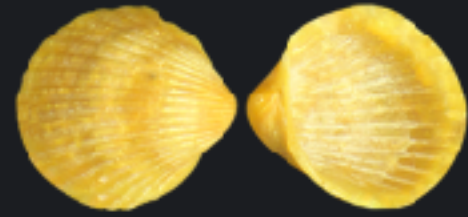
Trachycardium procerum (Sowerby, 1833)
Slender cockle



Fulvia mutica (Reeve, 1844)
Egg cockle



Parvycardium exiguum (Gmelin, 1791)
Exigua cockle



Trachycardium avum (Linnaeus 1758)
Yellow cockle

BIVALVIA/Mactridae



Mactra violacea (Gmelin, 1791)
Violate mactra

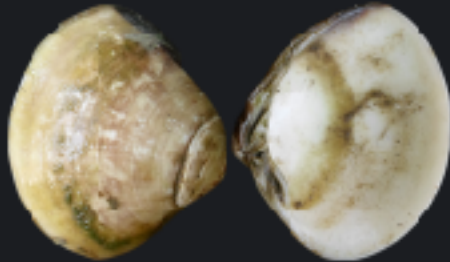


Mactra abbreviata (Lamarck, 1818)
Wedge trough shell

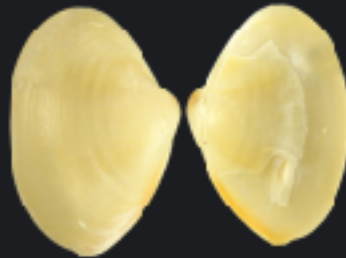


Spisula subtruncata (da Costa, 1778)
Subtruncate mactra

Mactridae



Spisula solidissima (Dillwyn, 1817)
Surf clam

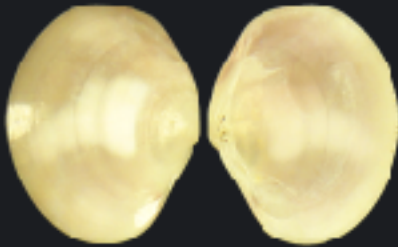


Spisula nivea (Gmelin, 1791)
Snowy mactra

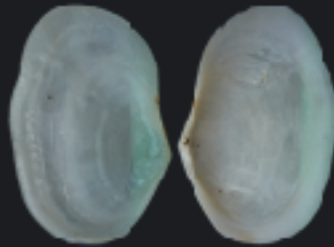


Spisula aequilateralis (Deshayes, 1854)
Equal sized mactra

BIVALVIA/Tellinidae



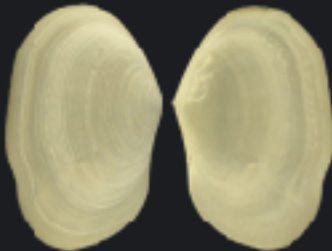
Mactra sp.
Clam



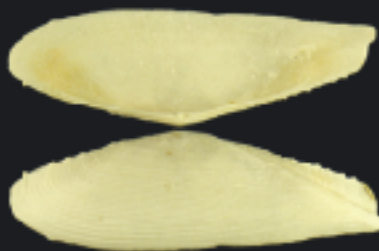
Psammotreta papyracea (Gmelin, 1791)
Paper grooved macoma



Tellina chariessa (Salisbury, 1934)
Elegant tellin



Tellina albinella (Lamarck, 1818)
Foliated tellin



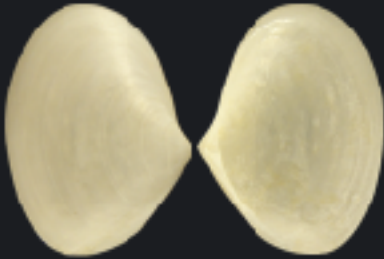
Tellina spengleri (Gmelin, 1791)
Spengler's tellin



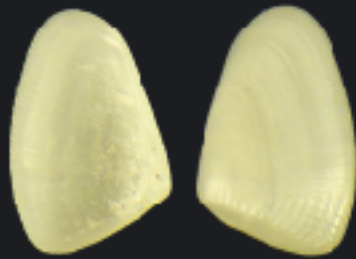
Arcopagia margaritina (Lamarck, 1818)
Tellin

Tellinidae

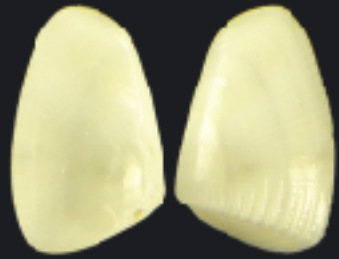
BIVALVIA/Donacidae



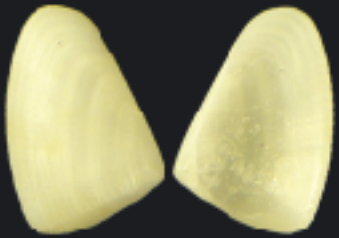
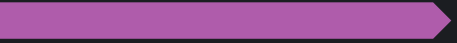
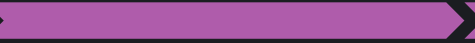
Arcopagia sp.
Tellin



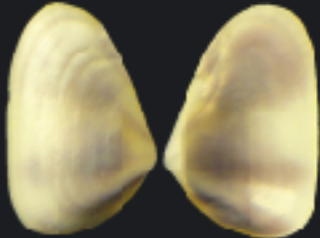
Donax carinatus (Hanley, 1843)
Bean donax



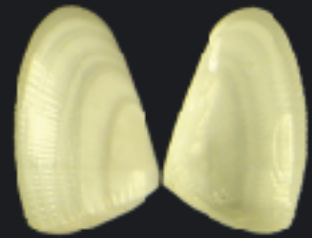
Donax serra (Röding, 1798)
Saw donax



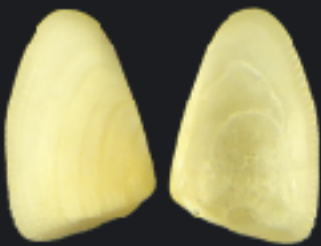
Donax cuneatus (Linnaeus, 1758)
Cuneate donax



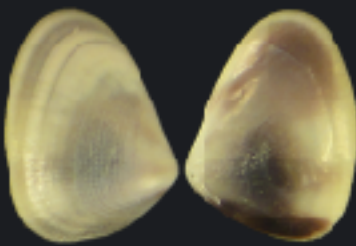
Donax gouldii (Dall, 1921)
Gould's donax



Donax rugosus (Linnaeus, 1758)
Rugose donax



Donax denticulatus (Linnaeus, 1758)
Toothed donax

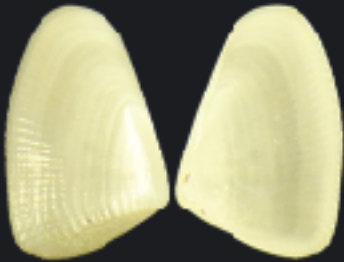


Donax variabilis (Say, 1822)
Coquina donax



Donax incarnatus (Gmelin, 1791)
En-cross tellin

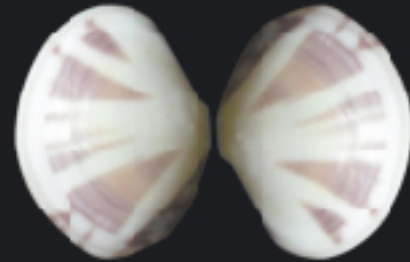
Donacidae



Donax (Plebidonax) deltooides (Lamarck, 1818)
Goolwa donax



Donax townsendi (Sowerby, 1894)
Townsend's donax



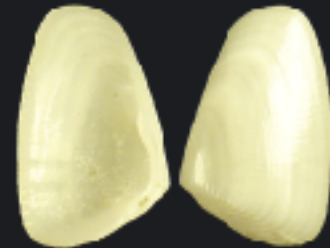
Donax faba (Gmelin, 1791)
Faba bean



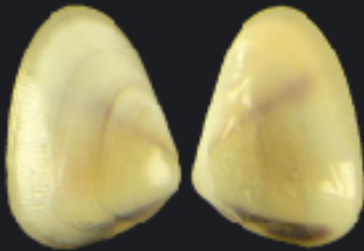
Donax scortum (Linnaeus, 1758)
Coquina



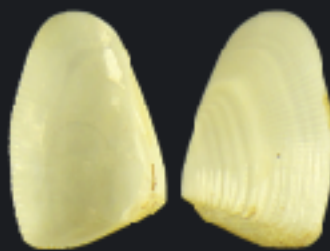
Donax spinosus (Gmelin, 1791)
Coquina



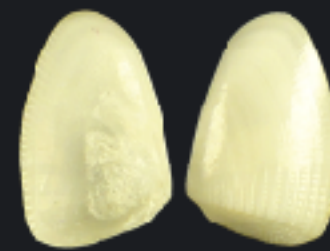
Donax sp.
Coquina



Donax sp.
Toothed donax



Donax sp.
Coquina



Donax sp.
Coquina

BIVALVIA/Psammbiidae



Sanguinolaria cruenta (Lightfoot, 1786)
Operculate sanguine

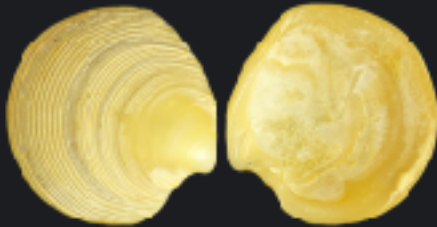


Sanguinolaria bertini (Pilsbry & Lowe, 1932)
Bertin's sanguine



Psammotaea elongata (Lamarck, 1818)
Elongate gari

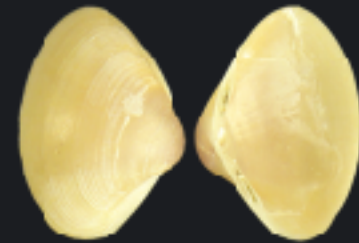
BIVALVIA/Veneridae



Venus toreuma (Gould, 1851)
Embossed venus clam



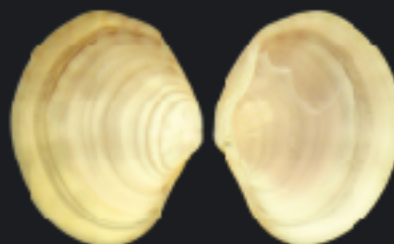
Mercenaria mercenaria (Linnaeus, 1758)
Cherry stone



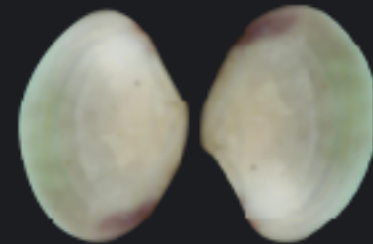
Saxidomus gigantea (Deshayes, 1839)
Smooth clam



Amiantis callosa (Conrad, 1837)
Beauty amiantis clam

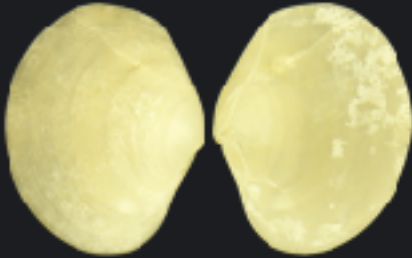


Ruditapes sp.
Clam



Sunetta donacina (Gmelin, 1791)
Clam

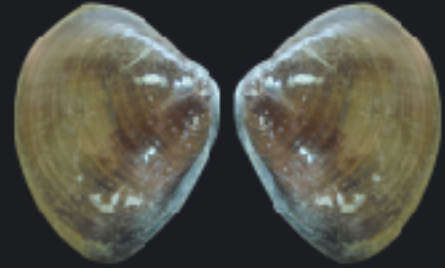
Veneridae



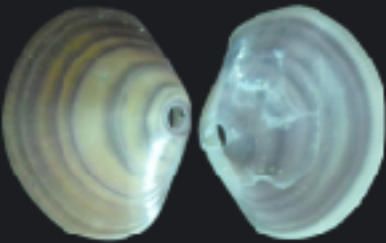
Sunetta excavata (Hanley, 1843)
Clam



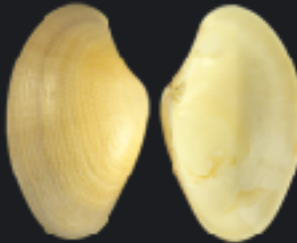
Sunetta solanderii (Gray, 1825)
Solanders sunetta



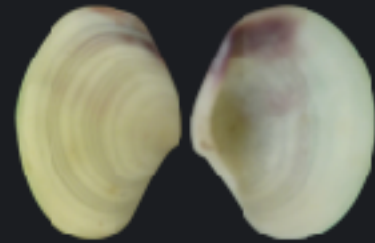
Meretrix meretrix (Linnaeus, 1758)
Bentre clam



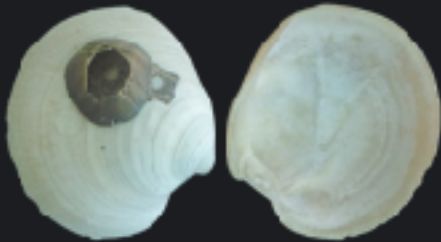
Meretrix casta (Gmelin, 1791)
Poker-chip clam



Paphia undulata (Born, 1778)
Undulating venus



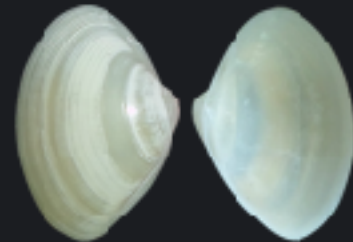
Dosinia discus (Reeve, 1850)
Disk dosinia



Dosinia troscheli (Lischke, 1873)
Troschel's dosinia

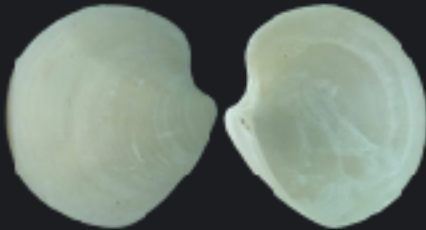


Paphia textile (Gmelin, 1791)
Textile venus

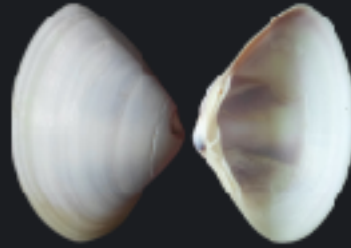


Dosinia grata (Deshayes, 1853)
Venus clam

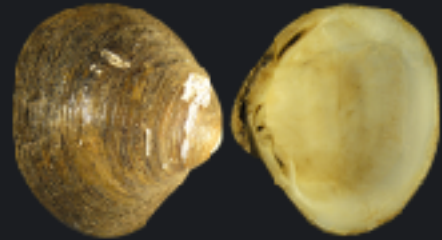
Veneridae



Cyclinella tenuis (Récluz, 1852)
Thin cyclinella



Pelecypora excisa (Röding, 1798)
Marsh clam



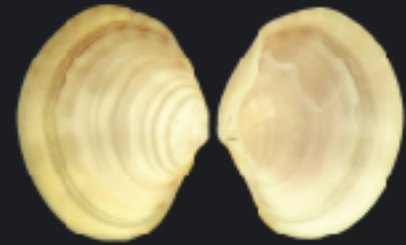
Polymesoda placans (Hanley, 1845)
Clam



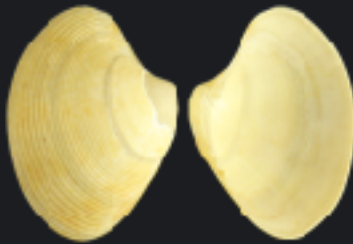
Callista brevisiphonata (Cartenter, 1865)
Short-snouted callista



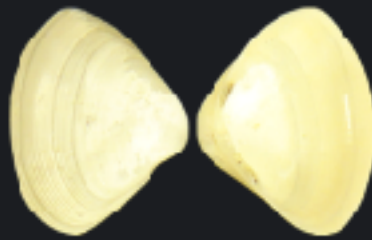
Marcia pinguis (Schroter, 1788)
Clam



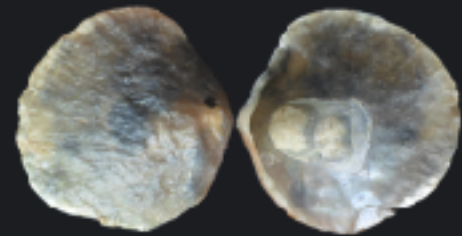
Gafrarium sp.
Clam



Gafrarium sp.
Clam



Gafrarium sp.
Clam



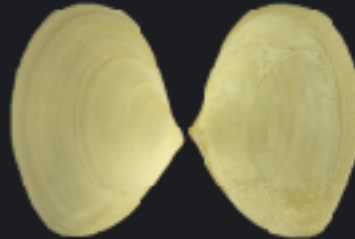
Paphia sp.
Clam

Veneridae

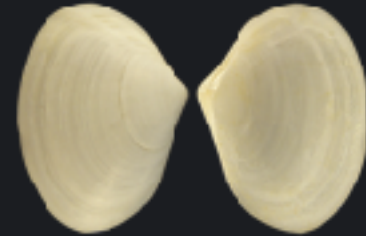


Paphia sp.
Clam

BIVALVIA/Mesodesmatidae

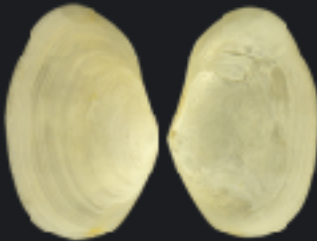


Mesodesma aequilatera (Römer, 1862)
Clam



Mesodesma arctatum (Conrad, 1831)
Arctic Wedge clam

BIVALVIA/Solenidae



Paphies ventricosa (Gray, 1843)
Toheroa clam



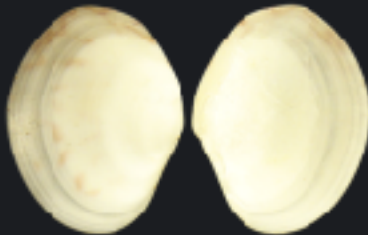
Caecella chinensis (Deshayes, 1855)
Small sand clam

BIVALVIA/Semelidae



Semele corrugata (Sowerby, 1833)
Corrugate semele

BIVALVIA/Pholadidae



Semele cordiformis (Holten, 1802)
Heart-shaped semele



Semele sinensis (Adams, 1853)
Semele

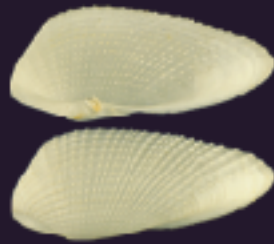


Petricola pholadiformis (Lamarck, 1818)
False angelwing

BIVALVIA/Pholadidae



Pholas campechiensis
Campeche angelwing



Petricola sp.
False angelwing

LIST OF SPECIES

Family	Species	Common name	স্থানীয় নাম	Plate
Class: GASTROPODA				
Order: Archaeogastropoda				
Fissurellidae	<i>Diodora variegata</i> (Sowerby, 1862)	Keyhole limpet	শামুক	1
	<i>Scutus unguis</i> (Linnaeus, 1758)	Hoof-shield limpet		
Trochidae	<i>Monodonta canalifera</i> (Lamarck, 1816)	Canal monodont	নাকফুল	
	<i>Trochus radiatus</i> (Gmelin, 1791)	Radiate top-shell		
	<i>Umbonium vestiarius</i> (Linnaeus, 1758)	Button top-shell		
	<i>Umbonium giganteum</i> (Lesson, 1833)	Button top-shell	শামুক	
	<i>Archiminolia oleacea</i> (Hedley & Petterd, 1907)	Wheel shell		
	<i>Cantharidus caelatus</i> (Hutton, 1884)	Shining top-shell		
	<i>Rossiteria nucleus</i> (Philippi, 1849)	Top-shell		
	<i>Gaza scher i</i> (Dall, 1889)	Kelp shell		2
	<i>Gibbula candei</i> (d'Orbigny, 1844)	Ashen gibbula		
	<i>Gibbula magus</i> (Linnaeus, 1758)	Magical gibbula		
	<i>Gibbula pennanti</i> (Phillipi, 1846)	Pennant's top-shell		
	<i>Gibbula richardi</i> (Payraudeau, 1826)	Richard's top-shell	শামুক	
	<i>Photinula coerulescens</i> (King & Broderip, 1831)	Top-shell		
	<i>Tropidomarga biangulata</i> (Powell, 1951)	Top-shell		
	<i>Umbonium eloiseae</i> (Dance et al., 1992)	Button top-shell		
<i>Umbonium moniliferum</i> (Lamarck, 1822)	Button top-shell			
<i>Umbonium</i> spp. (4)	Button top-shell		3	
Neritidae	<i>Nerita fulgurans</i> (Gmelin, 1791)	Antillean nerite		
	<i>Nerita planospira</i> (Anton, 1839)	Flat-spired nerite		
	<i>Nerita plicata</i> (Linnaeus, 1758)	Plicate nerite	শামুক	
	<i>Nerita picea</i> (Récluz, 1841)	Pitchy nerite		
	<i>Puperita pupa</i> (Linnaeus, 1758)	Dark zebra nerite		
Order: Mesogastropoda				
Littorinidae	<i>Littorina undulata</i> (Gray, 1839)	Undulate sundial shell		4
Architectonicidae	<i>Architectonica maxima</i> (Philippi, 1849)	Giant sundial shell		
	<i>Architectonica nobilis</i> (Röding, 1798)	Common sundial shell	শামুক	
	<i>Architectonica acutissima</i> (Sowerby, 1914)	Sharp-edged sundial shell		

Family	Species	Common name	স্থানীয় নাম	Plate
Turritellidae	<i>Turritella carinifera</i> (Lamarck, 1822)	Carinate turitella	ল্যাজা	... 4
	<i>Turritella duplicata</i> (Linnaeus, 1758)	Duplicate turitella		
	<i>Protoma knockeri</i> (Baird, 1870)	Knockers turitella		
	<i>Turritella terebra</i> (Linnaeus, 1758)	Screw turritella		
Potamididae	<i>Cerithidea obtusa</i> (Lamarck, 1822)	Obtuse horn shell	ল্যাজা	5
	<i>Cerithidea cingulata</i> (Gmelin, 1791)	Gridled horn shell		
	<i>Telescopium telescopium</i> (Linnaeus, 1758)	Telescope shell		
Cypraeidae	<i>Cypraea (Mauritia) arabica</i> (Linnaeus, 1758)	Cowrie	কড়ি	6
	<i>Cypraea (Pustularia) cicercula</i> (Linnaeus, 1758)	Chickpea cowrie		
	<i>Cypraea subviridis</i> (Reeve, 1835)	Greenish cowrie		
	<i>Cypraea tessellata</i> (Swainson, 1822)	Cowrie		
	<i>Cypraea cinerea</i> (Gmelin, 1791)	Gray cowrie		
	<i>Cypraea reevei</i> (Sowerby, 1832)	Reeve's cowrie		
	<i>Cypraea (Purpuradusta) minoridens</i> (Melvill, 1901)	Small-toothed cowrie		
	<i>Cypraea boivini</i> (Kiener, 1843)	Boivin's cowrie		
	<i>Cypraea dillwyni</i> (Schilder, 1922)	Dilwyni's cowrie		
	<i>Monetaria moneta</i> (Linnaeus, 1758)	Money cowrie		
Ovulidae	<i>Phenacovolva dancei</i> (Cate, 1973)	Dance's volva		
Naticidae	<i>Polinices tumidus</i> (Swainson, 1840)	Pear-shaped moon	প্যাট শামুক	7
	<i>Sinum javanicum</i> (Grith & Pidgeon, 1834)	Javanese ear moon		
	<i>Sinum cymba</i> (Menke, 1828)	Boat ear moon		
	<i>Sinum maculatum</i> (Say, 1831)	Spotted ear moon		
	<i>Neverita josephina</i> (Risso, 1826)	Josephine's moon shell		
	<i>Natica tabularis</i> (Kuroda, 1961)	Tabulated moon		
	<i>Natica maculata</i> (von Salis, 1793)	Hebrew moon		
	<i>Natica vitellus</i> (Linnaeus, 1758)	Calf moon		
	<i>Natica brunneolinea</i> (McLean, 1970)	Brown-lined moon		
	<i>Sinum concavum</i> (Lamarck, 1822)	Concave ear moon		
	<i>Lunatia lewisii</i> (Gould, 1847)	Lewis's moon		
	<i>Natica tigrina</i> (Röding, 1798)	Tiger moon shell		
	<i>Sinum neritoideum</i> (Linnaeus, 1758)	Nerite ear moon		
<i>Natica lineata</i> (Röding, 1798)	Lined moon shell			
<i>Polinices</i> spp. (2).; <i>Natica</i> spp. (2)	Moon shell	প্যাট শামুক	8	

Family	Species	Common name	স্থানীয় নাম	Plate	
Tonnidae	<i>Tonna dolium</i> (Linnaeus, 1758)	Spotted cask	বুয়া শঙ্খ	... 8	
Cassidae	<i>Phalium areola</i> (Linnaeus, 1758)	Helmet shell	হাতির কান		
	<i>Semicassis bisulcata</i> (Schubert & Wagner, 1829)				
	<i>Phalium glaucum</i> (Linnaeus, 1758)				
	<i>Phalium granulatum</i> (Von Born, 1778)				
	<i>Phalium craticulatum</i> (Euthyme, 1885)	Bonnet	হাতির কান	9	
Ficidae	<i>Ficus subintermedia</i> (d'Orbigny, 1852)	Fig shell	হাতির কলস		
	<i>Ficus gracilis</i> (Sowerby, 1825)				
Cymatiidae	<i>Distorsio clathrata</i> (Lamarck, 1816)	Distorted tritum	কাটা শামুক		
	<i>Distorsio decussata</i> (Valenciennes, 1832)	Decussate distorsio			
	<i>Gyrineum natator</i> (Röding, 1798)	Tuberculate gyre triton			
	<i>Argobuccinum pustulosum</i> (Lightfoot, 1786)	Pustular triton			
	<i>Gyrineum pusillum</i> (Broderip, 1833)	Purple gyre triton			
Bursidae	<i>Bursa rana</i> (Linnaeus, 1758)	Ruddy frog shell	কাটা শামুক	10	
	<i>Bursa nana</i> (Broderip & Sowerby, 1829)	Frog shell			
Bullidae	<i>Haminoea solitaria</i> (Say, 1822)	Say's paper-bubble	কড়ি		
Order: Neogastropoda					
Muricidae	<i>Murex aduncospinosus</i> (Sowerby, 1841)	Bent-spined rock shell	গোলকাটা	11	
	<i>Thais tuberosa</i> (Röding, 1798)	Tuberosa rock shell			
	<i>Thais aculeata</i> (Deshayes, 1844)	Aculeate rock shell			
	<i>Morula uva</i> (Röding, 1798)	Grape drupe			
	<i>Acanthina lugubris</i> (Sowerby, 1822)	Gloomy thorn drupe			
	<i>Thais (Stramonita) rustica</i> (Lamarck, 1822)	Rustic rock shell			
	<i>Thais bitubercularis</i> (Lamarck, 1822)	Bituberculate rock shell			
	<i>Thais tissoti</i> (Petit, 1852)	Rock shell			
	<i>Thais blanfordi</i> (Melville, 1893)	Balford's rock shell			
	<i>Thais intermedia</i> (Kiener, 1836)	Intermediate rock shell			
	<i>Thais coronata</i> (Lamarck, 1816)	Coronate rock shell			
	<i>Thais distinguenda</i> (Dunker & Zelebor, 1866)	Aculeate rock shell			
	<i>Thais (Mancinella) alouina</i> (Röding, 1798)	Alou rock shell			
	<i>Indothais lacera</i> (Born, 1778)	Carinate rock shell			
	<i>Thais kiosquiformis</i> (Duclos 1832)	Rock shell			গোলকাটা
	<i>Thais</i> spp. (4)				

Family	Species	Common name	স্থানীয় নাম	Plate
Buccinidae	<i>Babylonia borneensis</i> (Sowerby, 1864)	Bomeensis babylon	নাকফুল	... 12
	<i>Babylonia lutosa</i> (Lamarck, 1822)	Lutosa babylon		
Nassariidae	<i>Nassarius foveolatus</i> (Dunker, 1847)	Dog whelks	শামুক	13
	<i>Nassarius (Alectrion) aoteanus</i> (Finlay, 1926)	Basket shell	ডুট্টা শামুক	
	<i>Nassarius venustus</i> (Dunker, 1847)	Lovely nassa		
	<i>Bullia tenuis</i> (Reeve, 1846)	Smooth bullia	শামুক	
	<i>Bullia vittata</i> (Linnaeus, 1758)	Ribbon bullia		
	<i>Bullia pura</i> (Melvill, 1885)	Pure bullia	শামুক	
	<i>Bullia callosa</i> (Wood, 1828)	Callused bullia		
Melongenidae	<i>Pugilina cochlidium</i> (Linnaeus, 1758)	Spiral melongena	কাঁটা শঙ্খ	
Olividae	<i>Olivancillaria gibbosa</i> (Born, 1778)	Gibbouse olive		14
	<i>Agaronia travassosi</i> (Morretes, 1938)	Travasso's ancilla		
	<i>Agaronia nebulosa</i> (Lamarck, 1822)	Blotchy ancilla	বুকচিরা	
	<i>Ancilla (Amalda) ampla</i> (Gmelin, 1791)	Wide-mouth ancilla		
	<i>Agaronia propatula</i> (Conrad, 1849)	Open-mouth ancilla		
	<i>Olivancillaria contortuplicata</i> (Reeve, 1850)	Twistew plait olive		
	<i>Olivella petiolita</i> (Duclos, 1835)	Arrow dwarf olive		
	<i>Oliva sidelia</i> (Duclos, 1835)	Pretty olive	বুকচিরা	
	<i>Oliva rufula</i> (Duclos, 1835)	Rufula olive		
	<i>Oliva sayana</i> (Ravenel, 1834)	Lettered olive		
	<i>Oliva</i> spp. (7)	Olive shell		14-15
Fascioliariidae	<i>Fusolatirus pagodaeformis</i> (Melvill, 1899)	Pagoda latirus	কাঁটা শঙ্খ	15
	<i>Nodolatirus nodatus</i> (Gmelin, 1791)	Nodular latirus		
Turbinellidae	<i>Turbinella angulata</i> (Lightfoot, 1786)	Indian chank	বাদ্যশামুক	
Marginellidae	<i>Marginella cornea</i> (Lamarck, 1822)	Margin shell		
Conidae	<i>Conus venulatus</i> (Hwass, 1792)	Cape verde cone	কোণ শামুক	16
	<i>Conus inscriptus</i> (Reeve, 1843)	Engraved cone		
	<i>Conus leopardus</i> (Röding, 1798)	Leopard cone	কোণ শামুক	
	<i>Conus</i> sp.	Cone shell		
Turridae	<i>Gemmula speciosa</i> (Reeve, 1843)	Splendid turrid		মুসারা ল্যাজা
	<i>Turricula javana</i> (Linnaeus, 1767)	Java turrid		
	<i>Knefastia olivacea</i> (Sowerby, 1833)	Olivaceous knefastia		
Volutidae	<i>Cymbiola aulica</i> (Sowerby, 1825)	Crown volute	বুকচিরা	

Family	Species	Common name	স্থানীয় নাম	Plate
Class: BIVALVIA				
Order: Nuculoidea				
Nuculidae	<i>Yoldia</i> sp.	Nut clam	ছিলন	16
Order: Arcoida				
Arcidae	<i>Scapharca pilula</i> (Reeve, 1843)	Pill ark shell	বিনুক	
	<i>Anadara pilula</i> (Reeve, 1843)	Hooked ark shell	খরগোশের মুখ	
	<i>Anadara indica</i> (Gmelin, 1791)	Ark shell	বিনুক	17
	<i>Anadara corbuloides</i> (Monterosato, 1878)		খরগোশের মুখ	
	<i>Anadara inaequalvis</i> (Bruguere, 1789)		বিনুক	
	<i>Anadara scapha</i> (Gmelin, 1791)		ছিলন	
	<i>Anadara polii</i> (Mayer, 1868)	Ark shell	খরগোশের মুখ	
	<i>Anadara vellicata</i> (Reeve, 1844)			
	<i>Anadara broughtonii</i> (Schrenck, 1867)		বিনুক	
	<i>Anadara uropigimelana</i> (Bory de St. Vincent, 1824)			
	<i>Anadara setigericosta</i> (Nyst, 1848)			
	<i>Anadara subglobosa</i> (Kobelt, 1889)			18
	<i>Tegillarca zanzibarensis</i> (Nyst, 1848)		খরগোশের মুখ	
	<i>Anadara troscheli</i> (Dunker, 1882)			
	<i>Anadara tuberculosa</i> (Sowerby, 1833)		বিনুক	
	<i>Anadara adamsi</i> (Olsson, 1961)	Ark shell		
	<i>Anadara aequatorialis</i> (d'Orbigny, 1846)		খরগোশের মুখ	
	<i>Anadara trapezia</i> (Deshayes, 1839)			
	<i>Anadara esmeralda</i> (Pilsbry & Olsson, 1941)		বিনুক	
	<i>Tegillarca granosa</i> (Linnaeus, 1758)			
	<i>Anadara transversa</i> (Say, 1822)	Transverse ark shell		19
	<i>Anadara craticulata</i> (Nyst, 1848)	Latticed ark shell	বিনুক	
	<i>Anadara baughmani</i> (Hertlein, 1951)			
	<i>Anadara grandis</i> (Broderip & Sowerby, 1829)			
	<i>Anadara ferruginea</i> (Reeve, 1844)	Ark shell	খরগোশের মুখ	
	<i>Anadara guandongensis</i> (Bernard et al., 1993)			
	<i>Anadara</i> spp. (12)		খরগোশের মুখ	19-20

Family	Species	Common name	স্থানীয় নাম	Plate
Order: Mytiloida				
Mytilidae	<i>Perna canaliculus</i> (Gmelin, 1791)	Channel mussel	ছিলন	21
	<i>Perna viridis</i> (Linnaeus, 1758)	Green mussel		
	<i>Mytella falcata</i> (d'Orbigny, 1846)	Falcate swam mussel		
	<i>Choromytilus chorus</i> (Molina, 1782)	Chorus mussel		
Order: Pterioida				
Anomiidae	<i>Placuna placenta</i> (Linnaeus, 1758)	Windowpane shell	কর্তল	
Pectinidae	<i>Chlamys wainwrightensis</i> (MacNeil, 1967)	Wainwright scallop	বিনুক	22
	<i>Aequipecten lineolaris</i> (Lamarck, 1819)	Wavy-lined scallop		
	<i>Volachlamys singaporina</i> (Sowerby, 1842)	Scallop		
	<i>Chlamys nivea</i> (MacGillivray, 1825)	Snow scallop		
	<i>Volachlamys tranquebaria</i> (Gmelin, 1791)	Tranquebar scallop		
	<i>Decatopecten noduliferum</i> (Sowerby, 1842)	Nudular scallop		
	<i>Camptonectes tigrinus</i> (Müller, 1776)	Kitten scallop		
	<i>Argopecten noronhensis</i> (Smith, 1885)	Scallop		
	<i>Argopecten circularis</i> (Sowerby, 1835)	Circular scallop		
	<i>Chlamys exuosa</i> (Poli, 1795)	Scallop		
	<i>Argopecten nucleus</i> (Born, 1778)	Nucleus scallop		
	<i>Decatopecten plica</i> (Linnaeus, 1758)	Plicate scallop		
	<i>Chlamys squamata</i> (Gmelin, 1791)	Scaly scallop		
	<i>Argopecten gibbus</i> (Linnaeus, 1758)	Calico scallop		
	<i>Chlamys gloriosa</i> (Reeve, 1853)	Glorious scallop		
	<i>Anguipecten superbus</i> (Sowerby, 1842)	Superb scallop		
	<i>Chlamys humilis</i> (Sowerby, 1904)	Lined scallop		
	<i>Argopecten solidulus</i> (Reeve, 1853)	Scallop		
	<i>Aequipecten phrygium</i> (Dall, 1886)	Spathate scallop		
	<i>Chlamys varia</i> (Linnaeus, 1758)	Variable scallop		
<i>Pecten sinensis</i> (Sowerby, 1842)	Scallop			
	<i>Pecten</i> spp. (11)		বিনুক	23-25
Pteriidae	<i>Pinctada mazatlanica</i> (Hanley, 1856)	Pearl oyster	তেইলরা ছিলন	25
Order: Ostreina				
Ostreidae	<i>Crassostrea lacerate</i> (Hanley, 1846)	Oyster shell	কস্তুরা	
	<i>Crassostrea virginica</i> (Gmelin, 1791)			
	<i>Crassostrea madrasensis</i> (Preston, 1916)			

Family	Species	Common name	স্থানীয় নাম	Plate
Order: Veneroida				
Chamidae	<i>Chama buddiana</i> (Adams, 1852)	Budd's jewelbox	তেইলরা ছিলন	... 25
	<i>Chama echinata</i> (Broderip, 1835)	Leafy jewelbox		
Carditidae	<i>Cardita nchi</i> (Melvill, 1898)	Cardita shell	বিনুক	26
	<i>Cardita laticostata</i> (Sowerby, 1833)	Wide-ribbed cardita		
	<i>Cardita kyushuensis</i> (Okutani, 1963)	Cardita shell		
	<i>Cardita variegata</i> (Bruguière, 1792)	Variegated cardita	বিনুক	
	<i>Cardita tankervillei</i> (Wood, 1828)	Tankerville's cardita		
	<i>Cardita ajar</i> (Bruguière, 1792)	Ajar cardita		
	<i>Cardita</i> spp. (14)	Cardita shell		
Cardiidae	<i>Trachycardium elongatum</i> (Bruguière, 1789)	Elongate cockle	খরগোশের মুখ	28
	<i>Trachycardium asiaticum</i> (Bruguière, 1789)	Angulate cockle		
	<i>Trachycardium procerum</i> (Sowerby, 1833)	Slender cockle		
	<i>Fulvia mutica</i> (Reeve, 1844)	Egg cockle		
	<i>Parvicardium exiguum</i> (Gmelin, 1791)	Exigua cockle		
	<i>Trachycardium avum</i> (Linnaeus 1758)	Yellow cockle		
Mactridae	<i>Mactra violacea</i> (Gmelin, 1791)	Violate mactra	ছিলন	29
	<i>Mactra abbreviata</i> (Lamarck, 1818)	Wedge trough shell		
	<i>Spisula subtruncata</i> (da Costa, 1778)	Subtruncate mactra		
	<i>Spisula solidissima</i> (Dillwyn, 1817)	Surf clam		
	<i>Spisula nivea</i> (Gmelin, 1791)	Snowy mactra		
	<i>Spisula aequilateralis</i> (Deshayes, 1854)	Equal sized mactra		
	<i>Mactra</i> sp.	Clam		
Tellinidae	<i>Psammotreta papyracea</i> (Gmelin, 1791)	Paper grooved macoma	ছিলন	30
	<i>Tellina chariessa</i> (Salisbury, 1934)	Elegant tellin		
	<i>Tellina albinella</i> (Lamarck, 1818)	Foliated tellin		
	<i>Tellina spengleri</i> (Gmelin, 1791)	Spengler's tellin		
	<i>Arcopagia margaritina</i> (Lamarck, 1818)	Tellin		
	<i>Arcopagia</i> sp.	Tellin		
Donacidae	<i>Donax carinatus</i> (Hanley, 1843)	Bean donax	ছোট মায়ালী বিনুক	
	<i>Donax serra</i> (Röding, 1798)	Saw donax		
	<i>Donax cuneatus</i> (Linnaeus, 1758)	Cuneate donax		
	<i>Donax gouldii</i> (Dall, 1921)	Gould's donax		

Family	Species	Common name	স্থানীয় নাম	Plate
... Donacidae	<i>Donax rugosus</i> (Linnaeus, 1758)	Rugose donax		... 30
	<i>Donax denticulatus</i> (Linnaeus, 1758)	Toothed donax	ছোট মায়ালী ঝিনুক	
	<i>Donax variabilis</i> (Say, 1822)	Coquina donax		
	<i>Donax incarnatus</i> (Gmelin, 1791)	En-cross tellin		
	<i>Donax (Plebidonax) deltoides</i> (Lamarck, 1818)	Goolwa donax		31
	<i>Donax townsendi</i> (Sowerby, 1894)	Townsend's donax		
	<i>Donax faba</i> (Gmelin, 1791)	Faba bean	ছোট মায়ালী ঝিনুক	
	<i>Donax scortum</i> (Linnaeus, 1758)			
	<i>Donax spinosus</i> (Gmelin, 1791)	Coquina		
<i>Donax</i> spp. (4)				
Psammobiidae	<i>Sanguinolaria cruenta</i> (Lightfoot, 1786)	Operculate sanguine	খরগোশের কান	32
	<i>Sanguinolaria bertini</i> (Pilsbry & Lowe, 1932)	Bertin's sanguine		
	<i>Psammotaea elongata</i> (Lamarck, 1818)	Elongate gari		
Veneridae	<i>Venus toreuma</i> (Gould, 1851)	Embossed venus clam		
	<i>Mercenaria mercenaria</i> (Linnaeus, 1758)	Cherry stone		
	<i>Saxidomus gigantea</i> (Deshayes, 1839)	Smooth clam	ছিলন	
	<i>Amiantis callosa</i> (Conrad, 1837)	Beauty amiantis clam		
	<i>Ruditapes</i> sp. (1);	Clam		
	<i>Sunetta donacina</i> (Gmelin, 1791)			
	<i>Sunetta excavata</i> (Hanley, 1843)	Clam		33
	<i>Sunetta solanderii</i> (Gray, 1825)	Solanders sunetta		
	<i>Meretrix meretrix</i> (Linnaeus, 1758)	Bentre clam		
	<i>Meretrix casta</i> (Gmelin, 1791)	Poker-chip clam		
	<i>Paphia undulata</i> (Born, 1778)	Undulating venus	ছিলন	
	<i>Dosinia discus</i> (Reeve, 1850)	Disk dosinia		
	<i>Dosinia troscheli</i> (Lischke, 1873)	Troschel's dosinia		
	<i>Paphia textile</i> (Gmelin, 1791)	Textile venus		
	<i>Dosinia grata</i> (Deshayes, 1853)	Venus clam		
	<i>Cyclinella tenuis</i> (Récluz, 1852)	Thin cyclinella		34
	<i>Pelecycora excisa</i> (Röding, 1798)	Marsh clam		
	<i>Polymesoda placans</i> (Hanley, 1845)	Clam		
	<i>Callista brevisiphonata</i> (Cartenter, 1865)	Short-snouted callista	ছিলন	
	<i>Marcia pinguis</i> (Schröter, 1788)	Clam		
<i>Gafrarium</i> spp. (3); <i>Paphia</i> spp. (2);			34-35	

Family	Species	Common name	স্থানীয় নাম	Plate
Mesodesmatidae	<i>Mesodesma aequilatera</i> (Römer, 1862)	Clam	বড় নখ	35
	<i>Mesodesma arctatum</i> (Conrad, 1831)	Wedge clam		
Solenidae	<i>Paphies ventricosa</i> (Gray, 1843)	Toheroa clam	পাতা ছিলন	
	<i>Caecella chinensis</i> (Deshayes, 1855)	Small sand clam		
Semelidae	<i>Semele corrugata</i> (Sowerby, 1833)	Corrugate semele	ছিলন	
	<i>Semele cordiformis</i> (Holten, 1802)	Heart-shaped semele		
	<i>Semele sinensis</i> (Adams, 1853)	Semele		
Order: Myodia				
Pholadidae	<i>Petricola pholadiformis</i> (Lamarck, 1818)	False angelwing	ছিলন	36
	<i>Pholas campechiensis</i> (Gmelin, 1791)	Campeche angelwing		
	<i>Petricola</i> sp.	False angelwing		

References:

- Abbott RT, Dance SP (2000) *Compendium of Seashells*. Odyssey Publishing, USA, 424 pp.
- Ahmed ATA (1990) *Studies on the identity and abundance of molluscan fauna of the Bay of Bengal*. Final report, Bangladesh Agricultural Research Council (BARC), Dhaka, 118 pp.
- Ali S, Aziz KMS (1976) A systematic account of molluscan fauna of the Saint Martin's Island. *Bangladesh Journal of Zoology* 4(2): 23–33.
- Benkendor- K (2010) Molluscan biological and chemical diversity: secondary metabolites and medicinal resources produced by marine molluscs. *Biological Reviews* 85(4): 757–775.
- Coomans HE (1940) The marine molluscs of St. Martin. Lesser Antilles, Collected by H. B. Krebs. *Stud. Fauna. Aure Cao*. 16(1): 38-87.
- Hylleberg J, Kilburn RN (2003) *Marine Molluscs of Vietnam: annotation, voucher materials and species in need of verification*. Tropical Marine Molluscs Programme (TMMP), Phuket Marine Biological Center Special Publication, 28: 1-300.
- Layton KK, Martel AL, Hebert PD (2014) Patterns of DNA Barcode Variation in Canadian Marine Molluscs. *PLoS ONE* 9(4): e95003.
- Paterson GLJ, Ayuthaka C, Kendall MA (2004) *A field guide to the common marine molluscs and fauna of Ranong*. European Commission contract THA/b76200/1b/1999/0342, Thailand, 352 pp.
- Radulovici AE, Archambault P, Dufresne F (2010) DNA Barcodes for Marine Biodiversity: Moving Fast Forward? *Diversity* 2(4): 450-472.
- Rao SNV, Dey A (2000) *Catalogue of Marine Molluscs of Andaman and Nicobar Islands*. Occ. Paper No., 187: 1-323.
- Swennen C, Moolenbeek RG, Ruttanadukul N, HobbelinkH, Dekker H, Hajisamae S (2001) The molluscs of the southern Gulf of Thailand. *Thai Studies in Biodiversity*, 4: 1-210.



CENTRE FOR COAST, CLIMATE AND COMMUNITIES (TETRA-C)
<http://www.tetra-c.com>



INSTITUTE OF MARINE SCIENCES AND FISHERIES
UNIVERSITY OF CHITTAGONG
<http://imsfcu.ac.bd>

