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MARINE ORGANISMS IN THE REFERENCE COLLECTION

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INTRODUCTION

The Phuket Marine Biological Center has, for the past ten years, maintained a reference collection which includes algae, sea grasses, marine invertebrates and vertebrates. The Reference Collection is under the care and responsibility of the taxonomy unit. The main objective is to provide identified specimens of marine organisms in Thai waters as reference material and to provide facilitation for scientists and students in identification of marine life. The registered specimens in the collection have been identified or confirmed by the authorities. Most of the specimens were collected from Thai waters, only some were from other countries under an exchange program. For the specimens from other countries an asterisk

mark(*) is given at the end of scientific name in this check list.

Based on the abundance of marine organisms in Thai waters, especially in the Andaman sea, a large amount of organisms are obviously not described and studied. Therefore, some groups of the organisms in the collection are not represented or not complete. At present, there are more than 1,800 species of marine organisms in the collection accumulated since the beginning of the center. They consist of sea grasses (3), algae (83), invertebrates (1312), and vertebrates (433). It is hoped that this check list may serve as a stimulus to further studies and will be of value to scientists, students and those who are interested in the marine organisms in Thai waters.

SEA GRASSES

Family HYDROCHARITACEAE

Halophila ovalis (R. Br.) J.D. Hooker

Thalassia hemprichii (Ehrenb.) Ascherson

Family POTAMOGETONACEAE

Diplanthera uninervis (Forsk.) Ascherson

ALGAE

Division CYANOPHYTA

Class CYANOPHYCEAE

Order NOSTOCALES

Family NOSTOCACEAE

Hormothamnion solutum Bornet & Flahault

Family RIVULARIACEAE

Calothrix sp.

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Family OSCILLATORIACEAE
Lyngbya epiphytica Hieronymus in Kirchener in Engler & Prantl
L. majuscula Gomont
Oscillatoria margaritifera Gomont
Symploca hypnoides Gomont

Division **CHLOROPHYTA**
Class **CHLOROPHYCEAE**
Order **CLADOPHORALES**
Family CLADOPHORACEAE

Chaetomorpha sp.
Cladophora fascicularis (Mert.) Kützing
Cladophora rugulosa Martens
Rhizoclonium grande Børgesen

Order **SIPHONOCLADALES**
Family ANADYOMENACEAE

Anadyomene wrightii Gray

Family VALONIAACEAE

Dictyosphaeria cavernosa (Forsk.) Børgesen
D. versluisii Weber van Bosse
Valonia utricularis (Roth) C. Agardh
V. ventricosa J. Agardh

Family SIPHONOCLADACEAE

Cladophoropsis sundanensis Reinbold
Pseudostruvia siamensis Egerod
Valoniopsis pachynema (Martens) Børgesen

Family BOODLEACEAE

Boodlea composita (Harv.) Brand
Struvia anastomosans (Harv.) Piccone & Grunnet (ex Piccone)

Order **CAULERPALES**
Family BRYOPSIDACEAE

Bryopsis pennata Lamouroux

Family CODIACEAE

Chlorodesmīs hildebrandtii A. & E.S. Gepp.
Codium arabicum Kützing
Codium geppii O.C. Schmidt

Family CAULERPACEAE

Caulerpa ambigua Okamura
C. fastigiata Montagne
C. mexicana Sonder & Kützing
C. microphysa (Weber van Bosse) Feldmann
C. racemosa var. *macrophysa* (Kützing) Taylor
Caulerpa racemosa var. *peltata* (Lamouroux)
Eubank
C. serrulata (Forsk.) J. Agardh amend Børgesen
C. sertularioides (Gmelin) Howe
C. verticillata J. Agardh

Family UDOTACEAE

Avrainvillea amadelpa (Montagne) Gepp.
A. erecta (Berkeley) A. & E.S. Gepp.
Halimeda incrassata (Eillis) Lamouroux
H. macroloba Decaisne
Halimeda opuntia var. *opuntia* Hillis
Penicillus sibogae A. & E.S. Gepp.
Udotea javensis (Montagne) A. & E.S. Gepp.

Order **DASYCLADALES**
Family DASYCLADACEAE

Acetabularia clavata Yamada
A. exigua Solms-Laubach
Acetabularia parvula Solms-Laubach

Division **XANTHOPHYTA**
Class **XANTHOPHYCEAE**
Order **VAUCHERIALES**
Family **VAUCHERIAEAE**

Vaucheria sp.

Division **PHAEOPHYTA**
Class **PHAEOPHYCEAE**
Order **ECTOCARPALES**
Family **ECTOCARPACEAE**

Ectocarpus sp.

Order **DICTYOTALES**
Family **DICTYOTACEAE**

Dictyota dichotoma (Huds.) Lamouroux *Pocockiella variegata* (Lamouroux) Papenfuss
Padina tenuis Bory

Order **DICTYOSIPHONALES**
Family **SCYTOSIPHONACEAE**

Colpomenia sinuosa (Roth) Derves & Solier
Hydroclathrus clathratus (Ag.) Howe

Order **FUCALES**
Family **SARGASSACEAE**

Sargassum crassifolia (Ag.) J. Agardh *Turbinaria ornata* (Turner) J. Agardh
Turbinaria decurrens Bory

Division **RHODOPHYTA**
Class **RHODOPHYCEAE**
Order **BANGIALES**
Family **ERYTHROPELTIDACEAE**

Erythrotrichia? parietalis

Family **BANGIACEAE**

Porphyra sp.

Order **NEMALIALES**
Family **CHAETANGIACEAE**

Galaxaura fastigiata Decaisne
G. vietnamensis Dawson

Order **GELIDIALES**
Family **GELIDIACEAE**

Gelidium crinale (Turner) Lamouroux
G. pusillum (Stackh.) Le Jolis

Order **CRYPTONEMIALES**
Family **CORALLINACEAE**

Amphiroa foliacea Lamouroux
Jania unguolata f. brevior

Lithothamnion erubescens var. *subflabellata*
Foslie

Lithophyllum sp.

Family **CRYPTONEMIAEAE**

Halymenia maculata J. Agardh

Family THAMNASTERIIDAE

Psammocora contigua (Esper)
P. exesa Dana

Psammocora explanulata Horst
P. profundacella Gardiner

Family POCILLOPORIDAE

Madrachis kirbyi Vemor & Pichon
Pocillopora damicornis (Linnaeus)
P. eydouxi Milne-Edwards & Haime
P. solida Quelch
P. verrucosa (Ellis & Solander)

Seriatopora angulata Klunzinger
S. caliendrum Ehrenberg
S. hystrix Dana
Stylophora mordax Dana

Family ACROPORIDAE

Acropora affinis (Brook)
A. ambigua (Brook)
A. armata (Brook)
A. aspera (Dana)
A. clavigera (Brook)
A. concinna (Brook)
A. echinata (Dana)
A. efflorescens (Dana)
A. formosa (Dana)
A. humilis (Dana)
A. intermedia (Brook)
A. irregularis (Brook)
A. nobilis (Dana)
A. palifera (Lamarck)
A. procumbens (Brook)
A. reticulata (Brook)
A. rosaria (Dana)
A. sinensis (Brook)

Acropora surculosa (Dana)
A. variabilis (Klunzinger)
Anacropora spinosa Rehberg
Astreopora gracilis Bernard
A. listeri Bernard
Montipora digitata (Dana)
M. efflorescens Bernard
M. foliosa (Pallas)
M. fruticosa Bernard
M. granulosa Bernard
M. hispida (Dana)
M. informis Bernard
M. prolifera Bernard
M. ramosa Bernard
M. solanderi Bernard
M. sulcata Crossland
M. trabeculata Bernard
M. verrucosa (Lamarck)

Family AGARICIIDAE

Coeloseris mayeri Vaughan
Gardineroseris planulata (Dana)
G. ponderosa (Gardiner)
Leptoseris columnna Yabe & Sugiyama
L. digitata Vaughan
L. explanata Yabe & Sugiyama
L. hawaiiensis Vaughan
L. incrustans Gardiner
L. mycetoseroides Wells
L. tenuis Horst
Pachyseris involuta Studer
P. levicollis (Dana)
P. rugosa (Lamarck)
P. speciosa Dana

Pachyseris valenciennesi Milne-Edwards & Haime
Pavona cactus (Milne-Edwards & Haime)
P. crassa Dana
P. danai (Milne-Edwards & Haime)
P. decussata (Dana)
P. divaricata Lamarck
P. duerdeni Vaughan
P. explanulata (Lamarck)
P. lata (Dana)
P. (Pseudocolumnnastraea) pollicata Wells
P. praetorta (Dana)
P. varians Verrill
P. (Polastra) venosa (Ehrenberg)

Family SIDERASTREIDAE

Anomastrea (Pseudosiderastrea) tayamai

Yabe & Sugiyama

Coscinaraea monile (Forsk.)

Family FUNGIIDAE

Cycloseris cyclolites (Lamarck)

C. distorta (Michelin)

C. marginata (Boschma)

C. patelliformis (Boschma)

Fungia (Danafungia) danai Milne-
Edwards & Haime

F. (Ctenactis) echinata (Pallas)

F. (Fungia) fungites (Linnaeus)

F. (Heliofungia) granulosa Klunzinger

F. (Verrillofungia) repanda Dana

Fungia (Pleuractis) scutaria Lamarck

F. (Pleuractis) somervillei Gardiner

F. (Danafungia) subrepanda Doderlein

Herpetoglassa simplex (Gardiner)

Herpetolitha limax (Esper)

H. weberi (Horst)

Lithophyllon lobata (Horst)

Parahalomitra robusta (Quelch)

Podabacia crustacea Milne-Edwards & Haime

Polyphyllia talpina (Lamarck)

Family PORITIDAE

Alveopora irregularis Crossland

Goniopora arbuscula Umbgrove

G. bernardi Faustino

G. columna Dana

G. fruticosa Saville-Kent

G. lobata Milne-Edwards & Haime

G. malaccensis Brueggemann

G. minor Crossland

G. stokesi Milne-Edwards & Haime

Goniopora stutchburyi Wells

G. tenella (Quelch)

Porites compressa Dana

P. (Synaraea) convexa Verill

P. eridani Umbgrove

P. lobata (Milne-Edwards & Haime)

P. lutea (Milne-Edwards & Haime)

P. stephensoni Crossland

P. (Synaraea) vauhani Crossland

Family FAVIIDAE

Cyphastrea microphthalma (Lamarck)

C. serailia (Forsk.)

Diploastrea heliopora (Lamarck)

Echinopora gemmacea (Lamarck)

E. lamellosa (Esper)

Favia amicorum (Milne-Edwards & Haime)

F. favus (Forsk.)

F. helioanthoides (Wells)

F. pallida (Dana)

F. rotumana (Gardiner)

F. speciosa (Dana)

F. stelligera (Dana)

F. valenciennesi Milne-Edwards & Haime

Favites abtida (Ellis & Solander)

F. acuticollis Ortmann

F. flexuosa (Dana)

F. melicerum Ehrenberg

F. palauensis Yabe & Sugiyama

F. pentagona Esper

F. virens (Dana)

Goniastrea australensis Milne-Edwards &
Haime

G. edwardsi Chevalier

G. favulus (Dana)

G. pectinata (Ehrenberg)

G. retiformis (Lamarck)

G. spectabilis (Verrill)

Hydnophora exesa (Dana)

H. microconos (Lamarck)

H. rigina (Dana)

Leptastrea purpurea (Dana)

L. transversa (Klunzinger)

Leptoria phrygia (Ellis & Solander)

Montastrea magnistellata Chevalier

Oulastrea crispata (Lamarck)

Oulophyllia crispa (Lamarck)

Platygyra daedalea (Ellis & Solander)

P. lamellina (Ehrenberg)

P. sinensis var. *stricta* (Milne-Edwards &
Haime)

Plesiastrea versipora Lamarck
Trachyphyllia geoffroyi (Audouin)

Family RHIZANGIIDAE

Astrangia sp.

Family OVULINIDAE

Galaxea clavus (Dana)
G. fascicularis (Linnaeus)

Family MERULINIDAE

Merulina ampliata (Ellis & Solander)
M. scabricula (Dana)

Scaphophyllia cylindrica (Milne-Edwards & Haime)

Family MUSSIDAE

Acantastrea echinata Dana
Cynarina lacrymalis Milne-Edwards & Haime
Lobophyllia corymbosa (Forsk.)
L. hemprichii (Ehrenberg)

Parascolymia vitiensis (Brueggemann)
Symphyllia agaricia Milne-Edwards & Haime
S. nobilis (Dana)
S. radians Milne-Edwards & Haime

Family PECTINIIDAE

Echinophyllia aspera (Ellis & Solander)
E. echinata (Kent)
E. rugosa Chevalier
Mycedium elephantotus (Pallas)

Oxypora lacera (Verill)
Pectinia alcornonis (Saville-Kent)
P. lactuca (Pallas)
P. paeonia (Dana)

Family CARYOPHYLLIIDAE

Catalaphyllia plicata (Milne-Edwards & Haime)
Euphyllia fimbriata (Spengler)
E. glabrescens (Chamisso & Eysenhardt)
E. picteti Bedot
E. turgida Dana

Heterocyathus aequicostatus Milne-Edwards & Haime
Physogyra lichtensteini Milne-Edwards & Haime
Plerogyra sinuosa Dana

Family FLABELLIDAE

Flabellum distinctum Milne-Edwards & Haime
Placotrochus laevis Milne-Edwards & Haime

Family DENDROPHYLLIIDAE

Balanophyllia sp.
Dendrophyllia arbuscula Horst
D. micranthus (Ehrenberg)
Heteropsammia michelini Milne-Edward & Haime
Tubastrea coccinea (Ehrenberg)
T. diaphana (Dana)

Turbinaria bifrons Brueggemann
T. crater (Pallas)
T. frondens (Dana)
T. mollis Bernard
T. peltata (Esper)

Phylum **ANNELIDA**

Class **ERRANTIA**

Family APHRODITIDAE

Lepidonotus kumari Rullier

Dendronereis arborifera Peters
Perinereis aibuhitensis Grube

Family NEREIDAE

Paraheteromastus tenuis Monro

Class **SEDENTARIA**
Family CAPITELLIDAE

Carcinoscorpius rotundicauda (Latreille)
Trachyleus gigas (Muller)

Phylum **ARTHROPODA**
Class **MEROSTOMATA**
Order **XIPHOSURA**
Family XIPHOSURIDAE

Balanus amphitrite Darwin

Class **CRUSTACEA**
Order **CIRRIPIEDIA**
Family BALANIDAE

Chthamalus withersii Pilsbry

Family CHTHAMALIDAE

Grandidierella bispinosa Schellenberg

Order **AMPHIPODA**
Family AORIDAE

Corophium triaenonyx Stebb.

Family COROPHIIDAE

Sphaeroma walkeri Stebbing

Order **ISOPODA**
Family SPHAEROMIDAE

Ligia sp.

Family LIGIDAE

Chorida rotundicauda (Miers)

Order **STOMATOPODA**

Aristaeomorpha woodmasoni Calman
Metapenaeus brevicornis (H. Milne-Edwards)
M. dopsoni (Miers)
M. intermedius (Kishinouye)
M. lamellata (de Haan)
M. lysianassa (de Man)
M. masterii (Haswell)

Metapenaeus mutatus (Lanchester)
M. spinulatus Kubo
M. suluensis Racek & Dall
M. tenuipes Kubo
Metapenaeopsis barbata (de Haan)
M. barbeensis (Hall)
M. palmensis Haswell
M. stridulans (Alcock)

Metapenaeopsis toloensis Hall
Parapenaeopsis affinis (H. Milne-Edwards)
P. coromandelica Alcock
P. hardwickii (Miers)
P. hungerfordi Alcock
P. maxillipedo Alcock
P. probata Hall
Penaeus (*Melicortus*) *canaliculatus* Olivier
P. indicus H. Milne-Edwards
P. japonicus Bate
P. latisulcatus Kishinouye
P. merguensis de Man
P. monodon Fabricius

Penaeus semisulcatus de Haan
Plesionika martia (A. Milne-Edwards)
Solenocera alticarinata Kubo
S. crassicornis (H. Milne-Edwards)
S. hextu Wood-Mason & Alcock
S. pectinata Bate
S. subnuda Kubo
Trachypenaeus curvirostris (Stimpson)
T. fulvus Dall
T. granulosis (Haswell)
T. pescadoreensis Schmitt
T. sedili Hall

Family SERGESTIDAE

Acetes sibogae sibogae Hansen

Section CARIDEA

Family CRANGONIDAE

Pontocaris ? pennata Bate

Family PANDALIDAE

Heterocarpus gibbosus Bate
H. woodmasoni Alcock

Family SYNALPHAEIDAE

Alpheus euphrosyne de Man

Suborder REPTANTIA

Section MACRURA

Family PALINURIDAE

Panulirus homarus (Linnaeus)
P. longipes (Milne-Edwards)
P. ornatus (Fabricius)

Panulirus penicillatus (Olivier)
P. polyphagus (Herbst)
P. versicolor (Latrielle)

Family CALLIANASSIDAE

Laomedia healyi Taldwin & Wear
Thalassina anomala (Herbst)

Upogebia sp.

Section ANOMURA

Family COENOBITIDAE

Coenobita cavipes Stimpson

Family PAGURIDAE

Clibanarius padavensis de Man
Diogenes avarus Heller

Family PORCELLANIDAE

Petrolisthes sp.

Family ALBUNEIDAE

Albunea symnista (Linnaeus)

Family HIPPIDAE

Emerita emeritus (Linnaeus)

Hippa adactyla (Fabricius)

Section BRACHYURA

Family DROMIIDAE

Cryptodromia pileifera Alcock

Dromia dehaani Rathbun

Family RANINIDAE

Cosmonotus grayi Adams & White

Raninoides serratifrons (Henderson)

Family DORIPPIDAE

Dorippe frascione (Herbst)

Neodorippe astuta (Fabricius)

Family CALAPPIDAE

Calappa gallus (Herbst)

C. hepatica (Linnaeus)

C. lophos (Herbst)

Matuta banksi Leach

M. lunaris (Forsk.)

Family LEUCOSIIDAE

Arcania novemspinosa Adams & White

Ebalia malefactrix Kemp

Iphiculus spongiosus Adams & White

Myra coalita Hilgendorf

M. fugax (Fabricius)

Myrodes eualactylus Bell

Nuciops modesta (Ihle)

Paramursia abbreviata (Bell)

Philyra scabriuscula granulosa Ihle

Randallia glans Alcock

Family MAJIDAE

Acheus fissifrons (Haswell)

Camposcia retusa Latreille

Criocarcinus superciliosus (Herbst)

Doclea alcocki Laurie

D. ovis (Herbst)

Hyastenus aries (Latreille)

H. hilgendorfi de Man

Melita sp. Bousjield

Menaethius monoceros (Latreille)

Micippa philyra (Herbst)

Phalangipus indicus (Leach)

P. longipes (Linnaeus)

Quadrivision bengalensis Stebb.

Schizophrys longipes (Linnaeus)

Family PARTHENOPIDAE

Cryptopodia angulata H. Milne-Edwards

Daldorfia horrida (Linnaeus)

Parthenope (*Parthenope*) *longimanus* (Linnaeus)

P. (*Platylambrus*) *echinatus* (Herbst)

Parthenope (*Rhinolambrus*) *pelagicus* (Ruppel)

Pseudolambrus harpax (Adams & White)

Rhabdonotus pictus A. Milne-Edwards

Zebriada adamsi White

Family PORTUNIDAE

- | | |
|--|--|
| <i>Charybdis (Charybdis) cruciata</i> Herbst | <i>Portunus (Monomia) argentatus</i> White |
| <i>C. (Charybdis) lucifera</i> (Fabricius) | <i>P. (Monomia) gladiator</i> (Fabricius) |
| <i>C. (Charybdis) merguensis</i> (de Man) | <i>P. (Portunus) pelagicus</i> (Linnaeus) |
| <i>C. (Charybdis) natator</i> (Herbst) | <i>P. (Portunus) sanguinolentus</i> (Herbst) |
| <i>C. (Charybdis) variegata</i> (Fabricius) | <i>Podophthalmus vigil</i> (Fabricius) |
| <i>C. (Goniosupradens) acutifrons</i> (de Man) | <i>Scylla serrata</i> (Forsk.) |
| <i>C. (Goniohellenus) truncata</i> (Fabricius) | <i>Thalamita crenata</i> (Latreille) |
| <i>Hellenus aff. hastatoides</i> (Fabricius) | <i>T. muusi</i> Serene & Soh |
| <i>H. pulchricristatus</i> Gordon | <i>T. sexlobata</i> Miers |
| <i>Portunus (Hellenus) tenuipes</i> (de Haan) | <i>T. spinifera</i> Borradaile |
| <i>P. (Achelous) orbicularis</i> (Richters) | <i>T. spinimana</i> Dana |
| <i>P. (Achelous) orbitosinus</i> Rathbun | <i>T. stimpsoni</i> A. Milne-Edwards |

Family XANTHIDAE

- | | |
|---|--|
| <i>Actaea modesta</i> (de Man) | <i>Euxanthus exsculptus</i> (Herbst) |
| <i>A. polyacantha</i> (Heller) | <i>Galene bispinosa</i> (Herbst) |
| <i>A. speciosa</i> (Dana) | <i>Gabropilumnus laevimanus</i> (Dana) |
| <i>A. cf. ruppeli</i> (Kraus) | <i>G. seminudus</i> (Miers) |
| <i>Actaeodes cavipes</i> (Dana) | <i>Heteropanope changensis</i> (Rathbun) |
| <i>A. hirsutissima</i> (Ruppel) | <i>H. graba</i> Stimpson |
| <i>A. tomentosus</i> (H. Milne-Edwards) | <i>Leptodius exaratus</i> (A. Milne-Edwards) |
| <i>Actumnus carinatus</i> Bouvier | <i>L. gracilis</i> (Dana) |
| <i>A. obesus</i> Dana | <i>L. sanguineus</i> H. Milne-Edwards |
| <i>Atergatis floridus</i> (Linnaeus) | <i>Liomera bella</i> (Dana) |
| <i>A. reticulatus</i> de Haan | <i>L. cinctimana</i> (White) |
| <i>A. roseus</i> (Ruppel) | <i>Liomera laevis</i> Milne Edwards |
| <i>Baptozius vinosus</i> (H. Milne-Edwards) | <i>L. stimpsoni</i> (A. Milne-Edwards) |
| <i>Carpilius convexus</i> (Forsk.) | <i>Maldavia triungulata</i> (Borradaile) |
| <i>C. maculatus</i> (Linnaeus) | <i>Ozius granulatus</i> de Man |
| <i>Chlorodiella cytherea</i> (Dana) | <i>O. rugulosus</i> Stimpson |
| <i>C. laevis</i> (Dana) | <i>Phymodius monticulosus</i> (Dana) |
| <i>C. nigra</i> (Forsk.) | <i>P. nitidus</i> (Dana) |
| <i>Cymo melanodactylus</i> (de Haan) | <i>P. unguatus</i> (H. Milne-Edwards) |
| <i>Epixanthus corosus</i> A. Milne-Edwards | <i>Pilodius areolatus</i> (H. Milne-Edwards) |
| <i>E. dentatus</i> (White) | <i>P. nigrocrinitus</i> Stimpson |
| <i>E. frontalis</i> (H. Milne-Edwards) | <i>P. pugil</i> Dana |
| <i>Eriphia scabricula</i> Dana | <i>P. scabriculus</i> Dana |
| <i>E. sebana</i> (Show & Nodlee) | <i>Pilumnopeus makiana</i> (Rathbun) |
| <i>E. smithi</i> Mac Leay | <i>Pilumnus longicornis</i> Hilgendorf |
| <i>Etisus electra</i> (Herbst) | <i>P. scabriusculus</i> Adams & White |
| <i>E. frontalis</i> Dana | <i>P. vespertilio</i> (Fabricius) |
| <i>E. laevimanus</i> Randall | <i>Platypodia alcocki</i> Buitendijk |
| <i>E. utilis</i> Lucas | <i>P. helleri</i> Kossmann |
| <i>Eurycarcinus sp.</i> | <i>P. semigranosa</i> (Heller) |

Pseudoliomera granosimana (A. Milne-Edwards)
Sphaerozius nitidus Stimpson
Tetralia glaberrima (Herbst)
Trapezia areolata Dana

Teapezia cymodoce (Herbst)
Xanthias lamarcki (H. Milne-Edwards)
X. punctatus (H. Milne-Edwards)
Zozymodes cavipes (Dana)

Family GONEPLACIDAE

Camatopsis rubida Alcock & Anderson
Caratoplax fulgida Rathbun
Carcinoplax longimanus (de Haan)
Chasmocarcinops gelasimoides Alcock
Helphthopelta mortenseni Serene
Heteroplax nitidus Miers
Hexapus (*Hexapus*) *stephenseni* Serene & Soh
H. granuliferus Campbell & Stephenson
H. sexpes de Haan
Libystes edwardsi Alcock

Mertonia lanka Laurie
Natonyx vitreus Alcock
Scalopidia spinosipes Stimpson
Thaumastoplax orientalis Rathbun
Typhlocarcinus nudus Stimpson
T. rubidus Alcock
Viaderiana striata (de Man)
V. typica Ward
Xenophthalmodes dolichophallus Tesch
X. moebi Richtors

Family PINNOTHERIDAE

Tetrias fischeri (A. Milne-Edwards)
Xenophthalmus pinnotheroides White

Family OCYPODIDAE

Camptandrium sexdentatum? Stimpson
Dotilla myctiroides (H. Milne-Edwards)
D. wichmanni de Man
Dotillopsis brevitarsis (de Man)
Ilyoplax delsmanni de Man
I. integer (Tesh)
I. lingulatus (Rathbun)
I. obliquus Tweedie
I. orientalis (de Man)
I. punctatus Tweedie
Leipocten sordidulum Kemp
Macrophthalmus brevis (Herbst)
M. convexus Stimpson
M. definitus Adams & White
M. laevimanus H. Milne-Edwards
M. parvimanus Guerin
M. transversus (Latreille)
M. verreauxi H. Milne-Edwards

Macrophthalmus (*Mareotis*) *pacificus* Dana
M. (Mareotis) tomentosus Souleyet
M. (Mopsocarcinus) bosci Audouin & Savigny
Ocypode ceratophthalmus (Pallas)
Paracleistostoma depressum de Man
P. microcheirum Tweedie
Scopimera pilula Kemp
S. proxima Kemp
Tyloidiplax tetratylophora de Man
Uca dussumieri dussumieri (H. Milne-Edwards)
Uca dussumieri spinata Crane
U. forcipata (Adams & White)
U. lactea annulipes (H. Milne-Edwards)
U. tetragonon (Herbst)
U. triangularis bengali (H. Milne-Edwards)
U. urvillei (H. Milne-Edwards)
U. vocans (Linnaeus)

Family GRAPSIDAE

Chiromanthes darwinensis (Campbell)
C. dussumieri (H. Milne-Edwards)
C. eumolpe (de Man)
C. haswelli (de Man)
C. indiarum (de Man)

Chiromanthes onychophorum (de Man)
C. semperi Burger
Clistocoeloma merguensis de Man
Grapsus tenuicristatus Herbst
Helice leachi Hess

Holometopus fasciatus (Lanchester)
Metaplax crenulata (Gerstaecker)
M. distinctus H. Milne-Edwards
M. elegans de Man
Metopograpsus latifrons (White)
M. oceanicus (Jacquinot)
M. quadridentatus Stimpson
M. thukuar (Owen)
Nanosesarma andersoni (de Man)
N. batavicum (Moreira)
N. minutum (de Man)
N. pontianacensis (de Man)
Neopisesarma mederi (H. Milne-Edwards)
N. palawanensis (Rathbun)

Neopisesarna singaporensis Tweedie
N. versicolor (Tweedie)
Neosarmatium meinerti (de Man)
Pachygrapsus planifrons de Man
P. minutus A. Milne-Edwards
Parasesarma lepidum (Tweedie)
P. melissum de Man
P. plicatum (Latreille)
Percnon planissimum (Herbst)
Ptychognathus barbatus (A. Milne-Edwards)
Sarmatium crassum Dana
S. germani (A. Milne-Edwards)
Sesarmoides kraussi (de Man)
Varuna litterata (Fabricius)

Family **GEGARCINIDAE**

Cardisoma carnifex (Herbst)
Gegarcoidea humei (Wood-Mason)

Family **HAPALOCARCINIDAE**

Cryptochirus coralliodytes Heller
Favicola rugosum (Edmonson)
Pseudocryptochirus crescentus (Edmonson)

Pseudocryptochirus sheni (Fize & Serene)
Troglocarcinus heimi Fize & Serene

Phylum **MOLLUSCA**

Class **GASTROPODA**

Subclass **PROSOBRANCHIA**

Order **ARCHAEOGASTROPODA**

Family **HALIOTIDAE**

Haliotis asinina Linnaeus
H. ovina Gmelin

Haliotis planata Sowerby
H. varia Linnaeus

Family **FISSURELLIDAE**

Diodora mus (Reeve)
D. quadriradiata (Reeve)

Emarginula sp.
Scutus cf. sinensis (Blainville)

Family **PATELLIDAE**

Cellana radiata orientalis (Pilsbry)
C. radiata radiata (Born)
C. testudinaria (Linnaeus)

C. toreuma (Reeve)
Patella flexuosa Quoy & Gaimard

Family **ACMAEIDAE**

Patelloida saccharina (Linnaeus)

Angaria delphinus (Linnaeus)
Clanculus cf. denticulatus (Gray)
Ethalia sp.
Euchelus asper (Gmelin)
cf. Gibbula pulcherrima A. Adams
Hybochelus asper
H. cancellata (Pilsbry)
H. triangularis A. Adams
cf. Mindia variabilis A. Adams

Family TROCHIDAE

Monilea belcheri (Philippi)
Monodonta canalifera Lamarck
M. labio (Linnaeus)
Tectus pyramis (Born)
Trochus maculatus Linnaeus
T. niloticus Linnaeus
T. sacellum Dunker
Umbonium vestiarium (Linnaeus)

Stomatella auricula (Lamarck)

Family STOMATELLIDAE

Astraea tuberosa Philippi
Turbo argyrostomus Linnaeus
T. bruneus Roeding

Family TURBINIDAE

Turbo cinereus Born
T. marmoratus Linnaeus
T. petholatus Linnaeus

Clithon oualaniensis Lesson
C. pequensis (Blanford)
C. sowerbianus (Recluz)
Nerita albicilla Linnaeus
N. articulata Gould
N. chamaeleon Linnaeus
N. costata Gmelin
N. grayana Recluz

Family NERITIDAE

Nerita insculpta Recluz
N. nigrita Roeding
N. planospira Anton
N. plicata Linnaeus
N. polita Linnaeus
N. squamulata Le Guillou
Neritina guerinii (Recluz)
N. violacea (Gmelin)

Order MESOGASTROPODA

Family LITTORINIDAE

Littorina carinifera (Menke)
L. scabra scabra (Linnaeus)
L. undulata Gray

Nodilittorina millegrana (Philippi)
N. pyramidalis pyramidalis (Quoy & Gaimard)

Rissoina cf. ambigua Gould

Family RISSOIDAE

Assimineia brevicula Pfeiffer

Family ASSIMINEIDAE

Pseudoliotia granulosa Kuroda & Habe

Family TORNIDAE

Neohaustator tsushimaensis Kotaka
Turritella duplicata Lamarck

Family TURRITELLIDAE

Turritella terebra Linnaeus

Siliquaria sp.

Family SILIQUARIIDAE

Family THIARIIDAE
Steromelania dautzenbergiana (Morlet)

Family PLANAXIDAE
Planaxis lineatus (da Costa) *P. sulcatus* (Born)
P. niger Quoy & Gaimard

Family POTAMIDIDAE
Cerithidea cingulata (Gmelin) *Cerithidea rhizoporarum* A. Adams
C. obtusa (Lamarck) *Telescopium telescopium* (Linnaeus)

Family CERITHIIDAE
Cerithium breve Quoy & Gaimard *Clypeomorus monoliferus* (Kiener)
C. columna Sowerby *Rhinoclavis articulatus* (A. Adams & Reeve)
C. coralium (Kiener) *R. pharos* (Hinds)
C. nodulosum Bruguiere *R. sinensis* (Gmelin)
C. patulum Sowerby *R. vergatus* (Linnaeus)
Clypeomorus brevis (Quoy & Gaimard)

Family EULIMIDAE
Balcis sp.

Family CAPULIDAE
Capulus sp.

Family STROMBIDAE
Lambis chiragra chiragra (Linnaeus) *Strombus labiosus* Wood
L. lambis (Linnaeus) *S. lentiginosus* Linnaeus
L. scorpius indomaris Abbott *S. listeri* T. Gray
L. truncata truncata (Humphrey) *S. marginatus septimus* Duclos
Rimella cancellata Lamarck *S. mutabilis* Swainson
Strombus aurisdiane Linnaeus *S. plicatus columba* Lamarck
S. canarium Linnaeus *S. terebellatus terebellatus* Sowerby
S. decorus decorus Roeding *S. urceus* Linnaeus
S. erythrinus erythrinus Dillwyn *S. urceus form ustulatus* Schumacher
S. gibberulus gibbosus (Roeding) *S. vittatus vittatus* Linnaeus
S. labiatus olydius (Duclos) *Terebellum terebellum* Linnaeus

Family VANIKORIDAE
Vanikoro cancellata (Lamarck)
V. helicoidea (Le Guillou)

Family TRICHOTROPIDAE
Amathina tricarinata (Linnaeus)

Family CALYPTRAEIDAE
Calyptraea sp. *Ergaea walshi* (Reeve)
Cheilea equestris (Linnaeus)

Family XENOPHORIDAE
Stellaria solaris Linnaeus *Xenophora corrugata* (Reeve)
Xenophora australis Sowerby

Family CYPRAEIDAE

<i>Cypraea annulus</i> Linnaeus	<i>Cypraea gracilis</i> Gaskoin
<i>C. arabica</i> Linnaeus	<i>C. hirundo</i> Linnaeus
<i>C. asellus</i> Linnaeus	<i>C. isabella</i> Linnaeus
<i>C. caputserpentis</i> Linnaeus	<i>C. lamarcki</i> Gray
<i>C. carneola</i> Linnaeus	<i>C. lynx</i> Linnaeus
<i>C. caurica</i> Linnaeus	<i>C. mauritiana</i> Linnaeus
<i>C. cicercula</i> Linnaeus	<i>C. moneta</i> Linnaeus
<i>C. clandestina</i> Linnaeus	<i>C. onyx succincta</i> Linnaeus
<i>C. contaminata</i> Sowerby	<i>C. pyriformis</i> Gray
<i>C. eglantina</i> Duclos	<i>C. staphylaea</i> Linnaeus
<i>C. erosa</i> Linnaeus	<i>C. talpa</i> Linnaeus
<i>C. erronea</i> Linnaeus	<i>C. tigris</i> Linnaeus
<i>C. felina</i> Gmelin	<i>C. vitellus</i> Linnaeus
<i>C. globulus</i> Linnaeus	<i>C. ziczac</i> Linnaeus

Family OVULIDAE

<i>Calpurnus verrucosus</i> Linnaeus	<i>Volva volva</i> Linnaeus
<i>Ovula ovum</i> Linnaeus	

Family NATICIDAE

<i>Eunaticina papilla</i> (Gmelin)	<i>Polinices didyma</i> (Roeding)
<i>Natica alapapilionis</i> (Roeding)	<i>P. flemingiana</i> (Recluz)
<i>N. antoni</i> Philippi	<i>P. mammatus</i> (Roeding)
<i>N. areolata</i> Recluz	<i>P. mamilla</i> Linnaeus
<i>N. euzona</i> Recluz	<i>P. melanostomoides</i> (Quoy & Gaimard)
<i>N. gualtieriana</i> Recluz	<i>P. peselephanti</i> (Link)
<i>N. lineata</i> (Roeding)	<i>P. powisiana</i> (Recluz)
<i>N. onca</i> (Roeding)	<i>P. sagamiensis</i> Pilsbry
<i>N. tigrina</i> (Linnaeus)	<i>P. simiae</i> (Deshayes)
<i>N. vitellus</i> Menke	<i>P. tumidus</i> (Swainson)
<i>Notocochlis sagittata</i> (Linnaeus)	<i>Sinum zonale</i> (Quoy & Gaimard)
<i>Polinices albumen</i> (Linnaeus)	

Family CASSIDAE

<i>Casmaria ponderosa ponderosa</i> (Gmelin)	<i>Phalium bisulcatum bisulcatum</i> (Schubert & Wagner)
<i>Cassis cornuta</i> (Linnaeus)	<i>P. glaucum</i> (Linnaeus)
<i>Phalium areola</i> Linnaeus	

Family TONNIDAE

<i>Tonna cepa</i> (Roeding)	<i>Tonna olearium</i> (Linnaeus)
<i>T. dolium</i> (Linnaeus)	<i>T. sulcosa</i> (Born)

Family FICIDAE

<i>Ficus ficoides</i> (Lamarck)
<i>F. gracilis</i> Sowerby

Family CYMATIIDAE

Cymatium caudatum (Gmelin)
C. muricinum (Roeding)
C. nicobaricum (Roeding)
C. pfeifferianus (Reeve)
Distorsio reticulata Roeding

Gyrineum bitubercularis (Lamarck)
G. natator (Roeding)
Ranularia tripus (Lamarck)
Septa hepatica Roeding
S. pileare (Linnaeus)

Family BURSIDAE

Bursa albivaricosa (Reeve)
B. bubo (Linnaeus)
B. granularis Roeding
B. margaritula (Deshayes)

Bursa rana (Linnaeus)
B. rosa Perry
B. rubita Linnaeus
B. spinosa (Lamarck)

Order NEOGASTROPODA

Family MURICIDAE

Chicoreus brunneus (Link)
C. saulii (Sowerby)
Cronia margaritcola (Broderip)
Drupa morum morum Roeding
D. ricinus ricinus (Linnaeus)
Drupella ochrostoma (Blainville)
Ergalatax contracta (Reeve)
Maculatriron serriale (Deshayes)
Manicella echinulata (Lamarck)
M. mancinella Linnaeus
Morulaanaxeres (Kiener)
M. fiscella (Gmelin)
M. granulata (Duclos)
M. margaritcola (Broderip)
M. marginalba Blainville
M. nodicostata (Pease)

Morula spinosa H. & A. Adams
Morulina fusca Kuster
Murex kiiensis Kira
M. trapa Roeding
Muricopsis infans (E. A. Smith)
M. cf. bombayanus (Melvill)
Naquetia capucina (Lamarck)
Nassa francolina Bruguiere
Pterynotus alatus (Roeding)
Purpura persica (Linnaeus)
Rapana rapiformis (Born)
Thais bitubercularis Lamarck
T. echinata (Blainville)
T. hippocastanum Linnaeus
T. intermedia Kiener
T. mutabilis (Link)

Family MAGILIDAE

Coralliophila violacea (Kiener)

Family COLUMBELLIDAE

Mitrella sp.
Pyrene deshayesii (Crosse)
P. scripta (Lamarck)

Pyrene testudinaria (Link)
P. varians (Sowerby)

Family BUCCINIDAE

Babylonia spirata Linnaeus
Cantharus fumosus (Dillwyn)
C. tranquebarica Martini
C. undosus (Linnaeus)
Engina lineata (Reeve)
E. mendicaria (Linnaeus)

E. phasinola (Duclos)
E. zonalis (Lamarck)
Hindsia senensis (Sowerby)
Phos roseatus Hinds
Siphonalia sp.

Family NASSARIIDAE

<i>Hebra horrida</i> (Dunker)	<i>Nassarius jacksonianus</i> (Quoy & Gaimard)
<i>H. nigra</i> (Rousseau)	<i>N. livescens</i> (Philippi)
<i>Nassarius arbutularis</i> (Linnaeus)	<i>N. luridus</i> (Gould)
<i>N. comptus</i> (A. Adams)	<i>N. nodiferus</i> (Powys)
<i>N. coronatus</i> (Bruguiere)	<i>N. olivaceus</i> (Bruguiere)
<i>N. dorsatus</i> (Roeding)	<i>N. pullus</i> (Linnaeus)
<i>N. foveolatus</i> (Dunker)	<i>N. thersites</i> (Bruguiere)
<i>N. globosus</i> (Quoy & Gaimard)	

Family FASCIOLARIIDAE

<i>Fasciolaria filamentosa</i> (Roeding)	<i>F. nicobaricus</i> Lamarck
<i>F. trapezium</i> (Linnaeus)	<i>Latirus smaragdulus</i> Linnaeus
<i>Fusinus colus</i> (Linnaeus)	

Family MELONGENIDAE

Melongena pugilina Born
Pugilina ternatana (Gmelin)

Family OLIVIDAE

<i>Oliva arctata</i> Marrat	<i>Oliva sericea</i> Roeding
<i>O. buloui</i> Sowerby	<i>Olivancillaria gibbosa</i> Born
<i>O. oliva</i> Linnaeus	

Family VASIDAE

Vasum turbinellus (Linnaeus)

Family HARPIDAE

Harpa articularis Lamarck

Family VOLUTIDAE

Cymbiola nobilis
Melo melo Lightfoot

Family MITRIDAE

<i>Mitra aurantia</i> (Gmelin)	<i>Neocancilla granatina</i> (Lamarck)
<i>M. cucumerina</i> Lamarck	<i>Pterygia crenulata</i> Gmelin
<i>M. fraga</i> Quoy & Gaimard	<i>P. sinensis</i> (Reeve)
<i>M. litterata</i> Lamarck	<i>Scabricola desetangsii</i> (Kiener)
<i>M. mitra</i> (Linnaeus)	<i>Subcancilla interlirata</i> (Reeve)
<i>M. procissa</i> Reeve	<i>Vexillum acuminatum</i> (Gmelin)
<i>M. retusa</i> Lamarck	<i>V. festum</i> (Reeve)
<i>M. scutulata</i> (Gmelin)	<i>V. taeniatum</i> (Lamarck)
<i>Neocancilla circula</i> (Kiener)	<i>Zierliana woldemarii</i> (Kiener)
<i>N. clathrus</i> (Gmelin)	

Marginella angustata Sowerby
M. ventricosa G. Fischer

Family MARGINELLIDAE

Persicula elegans Gmelin

Drillia suturalis Gray
cf. Eucithara arenivaga Hedley
Gemmula monilifera (Pease)
G. speciosa Reeve
G. unedo (Keiner)

Family TURRIDAE

Lophitoma acuta (Perry)
L. indica (Roeding)
Turris crispa (Lamarck)
Turricula javana Linnaeus
T. tornata tornata (Dillwyn)

Cancellaria elegans Sowerby
Trigonostoma crenifera (Sowerby)

Family CANCELLARIIDAE

Conus achatinus Gmelin
C. arenatus Hwass
C. betulinus Linnaeus
C. characteristicus G. Fischer
C. catus Hwass
C. chaldaeus Roeding
C. coronatus Gmelin
C. ebraeus Linnaeus
C. eburneus Hwass
C. emaciatius Reeve
C. episcopus Hwass
C. figulinus Linnaeus
C. flavidus Lamarck
C. frigidus Reeve
C. generalis Linnaeus

Family CONIDAE

Conus geographus Linnaeus
C. inscriptus Reeve
C. leopardus Roeding
C. lividus Hwass
C. lynceus Sowerby
C. miles Linnaeus
C. monile Bruguiere
C. mussatella Linnaeus
C. ranunculus Hwass
C. rattus Hwass
C. striatus Linnaeus
C. terebra Born
C. textile Linnaeus
C. virgo Linnaeus

Dimidacus cf. stramineus (Gray)
Duplicaria duplicata Linnaeus
Impagus confusa (Smith)

Family TEREBRIDAE

Terebra commaculata Gmelin
T. dimidiata Linnaeus
T. maculata Linnaeus

Order HETEROGASTROPODA

Family ARCHITECTONICIDAE

Architectonica perspectiva (Linnaeus)

Family EPITONIIDAE

? *Epitonium fucatum* (Pease)
E. scalare (Linnaeus)

Family JANTHINIDAE

Recluzia sp.

Subclass **OPISTHOBRANCHIA**
Order **ENTOMOTAENIATA**
Family **PYRAMIDELLIDAE**
Otopleura auriscati (Holten) *Pyramidella terebellum* (Mueller)
Pyramidella acus (Gmelin) *P. ventricosa* (Guerin)

Order **CEPHALASPIDEA**
Family **ACTEONIDAE**
Acteon variegatus (Bruguiere) *Pupa sulcata* (A. Adams)
Pupa solidula (Linnaeus)

Family **HYDATINIDAE**
Hydatina albocincta (Van der Hoeven)
H. velum Gmelin

Family **BULLIDAE**
Bulla ampulla Linnaeus

Family **ATYIDAE**
Atys naucum (Linnaeus)

Order **ANASPIDEA**
Family **AKERATIDAE**
Akera solua constricta Kuroda

Subclass **PULMONATA**
Order **BASOMMATOPHORA**
Family **SIPHONARIIDAE**
Anthosiphonaria sirius (Pilsbry) *Siphonaria kurracheensis* Reeve
Siphonaria atra Quoy & Gaimard *S. normalis* Gould

Family **AMPHIBOLIDAE**
Salinator burmana (Blanford)

Family **HAMINOEIDAE**
Haminoea sp.

Family **ELLOBIIDAE**
Allochroa pfeifferi (Dunker) *Ellobium aurisjudae* (Linnaeus)
Cassidula aurisfelis Bruguiere *Melampus fasciatus* Deshayes
C. mustelina Sowerby *M. zonatus* Muhlfeldt
Ellobium aurismidae (Linnaeus)

Class **PELECYPODA**
Subclass **CRYPTODONTA**
Order **SOLEMYOIDA**
Family **SOLEMYIDAE**
Acharax japonica (Dunker)

Subclass **PTERIOMORPHIA**

Order **ARCOIDA**

Family **ARCIDAE**

Arca avellana Lamarck
A. boucardi Jousseaume
A. navicularis Bruguiere
A. ventricosa Lamarck
Anadara antiquata (Linnaeus)
A. clathrata (Reeve)
A. ferruginea (Reeve)
Anadara granosa Linnaeus
A. nodifera (von Martens)

A. troscheli (Dunker)
Barbatia fusca (Bruguiere)
B. helblingi Bruguiere
B. lacerata (Bruguiere)
B. tenella (Reeve)
B. yamamotoi Sakurai & Habe
Scapharca inaequalis (Bruguiere)
S. vellicata (Reeve)
Trisidos semitorta (Lamarck)

Family **CUCULLAEIDAE**

Cucullaea labiata (Solander)

Family **NOETIIDAE**

Striarca afra (Gmelin)
S. pectunculiformis (Dunker)

Family **LIMOPSIDAE**

Limopsis multistriata (Forsk.)

Family **GLYCYMERIDIDAE**

Glycymeris amamiensis (Kuroda)
G. pilsbryi (Yokoyama)

Glycymeris reevei (Mayer)
Melaxinaea hoylei (Melvill & Standen)

Order **MYTILOIDA**

Family **MYTILIDAE**

Botula cinnamonea (Lamarck)
Brachidontes rostratus Duncke
B. variabilis (Krauss)
Gregariella coralliophaga (Gmelin)
G. striatula (Hanley)
Lithophaga malaccana (Reeve)
L. nasuta (Philippi)
L. teres (Philippi)
L. zitteliana Dunker
Modiolus agripetus (Iredale)

Modiolus flavidus (Dunker)
M. metcalfei (Hanley)
M. plumescens (Dunker)
M. philippinarium (Hanley)
Musculista senhousi (Benson)
Musculus mirandus (Smith)
Perna viridis (Linnaeus)
Septifer bilocularis (Linnaeus)
S. excisus (Wiegmann)

Family **PINNIDAE**

Atrina pectinata (Linnaeus)
A. vexillum (Born)

Pinna bicolor Gmelin

Order **PTERIOIDA**

Family PTERIIDAE

Electroma alacorvi (Dillwyn)
Pinctada chemnitzii (Philippi)
P. margaritifera (Linnaeus)
Pinctada martensi (Dunker)
P. maxima (Jameson)

P. radiata (Leach)
Pteria ? breviaolata (Dunker)
P. coturnix (Dunker)
P. penguin (Roeding)

Family ISOGNOMONIDAE

Isognomon ephippium (Linnaeus)
I. isognomum (Linnaeus)

Isognomon legumen (Gmelin)
I. perna (Linnaeus)

Family MALLEIDAE

Malleus albus Lamarck
M. malleus (Linnaeus)

Malleus regula (Forsk.)

Family PECTINIDAE

Amusium pleuronectes (Linnaeus)
Chlamys albolineata (Sowerby)
C. senatoria (Gmelin)

Pedum spondyloideum (Gmelin)
Pecten sp.

Family PLACUNIDAE

Placuna placenta (Linnaeus)

Family PLICATULIDAE

Plicatula australis Lamarck
P. muricata Sowerby

Plicatula pricata (Linnaeus)
P. simplex (Gould)

Family SPONDYLIDAE

Spondylus anacanthus Mawe
S. butleri Reeve

Spondylus ducalis Roeding
S. hystrix Roeding

Family ANOMIIDAE

Anomia achaeus (Gray)
Lnigmonia aenigmatica (Holten)

Family LIMIDAE

Ctenoides annulatus (Lamarck)
Lima lima (Linnaeus)

Lima orientalis (Adams & Reeve)
Limaria fragilis (Gmelin)

Family GRYPHEIDAE

Hyotissa hyotis (Linnaeus)
H. numisma (Lamarck)

Family OSTREIDAE

Alectryonella plicata (Gmelin)
Crassostrea belcheri (Sowerby)
C. gigas (Thunberg)
Lopha cristagalli (Linnaeus)

Lopha folium (Linnaeus)
Ostrea sp.
Saccostrea cucullata (Born)
S. echinata (Quoy & Gamiard)

Subclass PALAEOHETERODONTA

Order UNIONIDA

Family UNIONIDAE

Ensidens ingallsianus (Lea)

Subclass HETERODONTA

Order VENEROIDA

Family LUCINIDAE

Anodontia edentula Linnaeus
Codakia punctata (Linnaeus)
C. tigerina (Linnaeus)

Epicodakia divergens (Philippi)
Pillucina pisidium (Dunker)
Pseudomiltha corrugata (Deshayes)

Family FIMBRIIDAE

Fimbria fimbriata (Linnaeus)

Family UNGULINIDAE

Diplodonta globosa (Forsk.)

Family CHAMIDAE

Chama aspera Reeve
C. asperella Lamarck
C. brassica Reeve
C. imbricata Broderip
C. iostoma Conrad

Chama lazarus Linnaeus
C. multisquamosa Reeve
C. pacifica Broderip
C. reflexa Reeve

Family GALEOMMATIDAE

Galeomma argentea Deshayes
G. obockense Jousseaume

Scintilla sp.

Family CARDITIDAE

Beguina semiorbiculata (Linnaeus)
Cardita leana Dunker

Cardita variegata Bruguiere

Family CRASSATELLIDAE

Crassatella radiata (Sowerby)
C. ziczac Reeve

Family CARDIIDAE

- Corculum cardissa* (Linnaeus) *Laevicardium australe* (Sowerby)
Ctenocardia adamsi (A. Adams & Reeve) *L. bullata* (Linnaeus)
Fragum carinatum (Lyngé) *Nemocardium exasperatum* (Sowerby)
F. fragum (Linnaeus) *Trachycardium flavum* (Linnaeus)
F. subretusa (Sowerby) *T. maculosum* (Wood)
F. unedo (Linnaeus) *T. rubicundum* (Reeve)
Laevicardium attenuatum (Sowerby) *Vepricardium multispinosum* (Sowerby)

Family TRIDACNIDAE

- Tridacna crocea* Lamarck *Tridacna maxima* (Roeding)
T. gigas (Linnaeus) *T. squamosa* Lamarck

Family MACTRIDAE

- Mactra achatina* Dillwyn *Mactra incongrua* Deshayes
M. angulifera Deshayes *M. lilacea* Lamarck
M. dolabrata (Reeve) *Lutraria maxima* Jonas

Family MESODESMATIDAE

- Atactodea glabrata* (Gmelin) *Caecella transversalis* Deshayes
Caecella horsfieldi Gray

Family SOLENIDAE

- Solen delesserti* Chemnitz *Solen roseomaculatus* Plilsbry
S. grandis Dunker

Family CULTELLIDAE

- Cultellus attenuatus* Dunker *Phaxas cultellus* (Linnaeus)
C. lacteus (Spengler) *Siliqua radiata* (Linnaeus)

Family TELLINIDAE

- Macalia bruguieri* (Hanley) *Tellina (Pharaonella) pulcherrima* (Sowerby)
Macoma dispar (Conrad) *T. (Pharaonella) rastella* Hanley
Tellina (Arcopaginula) inflata (Gmelin) *T. (Quidnipagus) palatum* (Iredale)
T. (Cyclotellina) pretiosa (Deshayes) *T. (Scutarcopagia) scobinata* Linnaeus
T. (Cyclotellina) remies Linnaeus *T. (Serratina) capsoides* Lamarck
T. (Fabulina) minuta Lischke *T. (Tellinella) staurella* Lamarck
T. (Pharaonella) perrieri (Bertin) *T. (Tellinides) opalina* Gmelin

Family DONACIDAE

- Donax cuneatus* (Linnaeus) *Donax scortum* Linnaeus
D. faba Gmelin

Family PSAMMOBIIDAE

- Asaphis dichotoma* (Anton) *Gari radiata* (Dunker)
? Gari elongata (Lamarck) *G. sibogai* Prashad
G. maculosa (Lamarck) *G. squamosa* (Lamarck)
G. minor (Deshayes)

Family SEMELIDAE

Leptomya spectabilis (Deshayes)
Semele carnicolor (Hanley)

Semele cordiformis (Holten)
S. zebuensis (Hanley)

Family SOLECURTIDAE

Sinonovacula constricta (Lamarck)

Family TRAPEZIIDAE

Coralliophaga coralliophaga (Gmelin)
Trapezium angulatum (Lamarck)

Trapezium sublaevigatum (Lamarck)

Family GLOSSIDAE

Meiocardia moltkiana (Spengler)
M. tetragona (Adams & Reeve)

Family CORBICULIDAE

Geloina erosa (Solander)

Family VENERIDAE

Antigona lamellaris Schumacher
Amiantis hagenowi (Dunker)
Callanaitis callophylla (Philippi)
Callista chinensis (Holten)
? C. chione (Linnaeus)
? C. pilsbryi Habe
Circe scripta (Linnaeus)
Dosinia angulosa (Philippi)
D. exasperata (Philippi)
D. histrio (Gmelin)
Gafrarium dispar (Dillwyn)
G. divaricatum (Gmelin)
G. pectinatum (Linnaeus)
G. tumidum Roeding
? Gouldia philippinarum (Hanley)
Irus irus (Linnaeus)
Katelsia striata (Gmelin)
Lioconcha ornata (Dillwyn)

Marcia japonica (Gmelin)
M. opima (Gmelin)
Meretrix lusoria (Roeding)
M. meretrix (Linnaeus)
Paphia gallus (Gmelin)
P. rotundata (Linnaeus)
P. ? semirugata (Philippi)
P. undulata (Born)
Periglypta puerpera (Linnaeus)
P. reticulata (Linnaeus)
Pitar citrina (Lamarck)
P. hebraea (Lamarck)
Placamen tiara (Dillwyn)
Sunetta meroe (Linnaeus)
Tapes literatus (Linnaeus)
T. philippinarum (Adams & Reeve)
Timoclea imbricata (Sowerby)
T. marica (Linnaeus)

Family PETRICOLIDAE

? Petricola aequistriatus (Sowerby)
P. laticida (Gmelin)

Petricola monstrosa (Gmelin)

Family LEPTONIDAE

Mysella sp.

Order MYOIDA

Family MYIDAE

Mya sp.

Family CORBULIDAE
Corbula archaeiformis Lyngé
C. crassa Hinds
Corbula ? erythrodon Lamarck
C. modesta Hinds

Family GASTROCHAENIDAE
Gastrochaena cuneiformis Spengler

Family PHOLADIDAE
Barnea (Anchomasa) dilatata Souleyet
Jouannetia globosa (Quoy & Gaimard)
Parapholas quadrizonata (Spengler)

Subclass AMOMALODESMATA
Order PHOLADOMYOIDA
Family LATERNULIDAE
Laternula truncata (Lamarck)

Class CEPHALOPODA
Order OCTOPODA
Family ARGONAUTIDAE
Argonauta bottgeri Maltzan

Family OCTOPODIDAE
Octopus dollfusi Robson
O. membranaceus Quoy & Gaimard

Order SEPIOIDEA
Family SEPIIDAE
Sepia aculeata Ferrussac & d'Orbigny
S. pharaonis Ehrenberg
Sepia aculeata recurvirostra Steenstrup

Family SEPIOLIDAE
Euprymna stenodactyla (Grant)

Order TEUTHOIDEA
Family LOLIGINIDAE
Loligo chinensis
L. duvauceli d'Orbigny
L. cf. tagoi Sasaki
Sepioteuthis lessoniana Lesson
S. sepioidea

Phylum BRACHIOPODA
Lingula unguis (Linnaeus)

Phylum ECHINODERMATA
Class CRINOIDEA
Order ARTICULATA
Family COMASTERIDAE
Capillaster multiradiatus (Linnaeus)
Comantheria polycnemis (A.H. Clark)
Comanthina schlegeli (P.H. Carpenter)
Comanthus parvicirrus (J. Muller)
C. samoanus (A.H. Clark)
*C. trichoptera**
Comaster multibrachiatus (P.H. Carpenter)
Comaster multifidus (J. Muller)
Comatella maculata (P.H. Carpenter)
C. nigra (P.H. Carpenter)
C. stelligera (P.H. Carpenter)
Comatula pectinata (Linnaeus)
C. purpurea (J. Muller)

Family ZYGOMETRIDAE

Zygometra punctata A.H. Clark

Family HIMEROMETRIDAE

Amphimetra molleri (A.H. Clark)

Heterometra savignii (J. Muller)

Craspidometra acuticirra (P.H. Carpenter)

Himerometra magnipinna A.H. Clark

Heterometra affinis (Hartlaub)

Family MARIAMETRIDAE

Oxymetra finschi (Hartlaub)

Stephanometra indica (Smith)

Stephanometra spicata (P.H. Carpenter)

Family COLOBOMETRIDAE

Cenometra bella (Hartlaub)

Oligometra carpenteri (Bell)

Colobometra perspinosa (P.H. Carpenter)

O. serripinna (P.H. Carpenter)

Class ASTEROIDEA

Order PHANEROZONIA

Family LUIDIIDAE

Luidia hardwicki (Gray)

Luidia savignyi (Audouin)

L. maculata Muller & Troschel

Family ASTROPECTINIDAE

*Astropecten granulatus** Muller & Troschel

Astropecten vappa Muller & Troschel

A. monacanthus Sladen

A. zebra Sladen

*A. pectinatus** (Sladen)

Craspedaster hesperus (Muller & Troschel)

A. polyacanthus Muller & Troschel

*Psilaster acuminatus**

Family ARCHASTERIDAE

Archaster typicus Muller & Troschel

Family GONIASTERIDAE

*Asterodiscides truncatus** Coleman

Goniodiscaster forficulatus (Perrier)

*A. edmondi**

G. granuliferus (Gray)

Anthenea flavescens (Gray)

*Pentagonaster dubeni** Gray

A. regalis Koehler

Stellaster incei Gray

*Calliaster spinosus**

Family OREASTERIDAE

Asterodiscus elegans Gray

Pentaceraster regulus (Muller & Troschel)

Choriaster granulatus Lutken

Pentaster obtusatus (Bory de St. Vincent)

Culcita novaeguineae Muller & Troschel

Protoreaster lincki (de Blainville)

Pentaceraster gracilis (Lutken)

P. nodosus (Linnaeus)

Family OPHIDIASTERIDAE

*Fromia hemiopl*a Fisher

Linckia multifora (Lamarck)

F. indica (Perrier)

Neoferdina cumingi (Gray)

F. monilis Perrier

*Ophidiaster conferus**

Linckia guildingi Gray

O. granifer Lutken

L. laevigata (Linnaeus)

- Metrodira subulata* Gray
- Family METRODIRIDAE
- Asteropsis carinifera* (Lamarck)
- Family ASTEROPIDAE
- Asterina coronata* von Martens
- Patiriella calcar** (Lamarck)
- Family ASTERINIDAE
- Patiriella exigua** (Lamarck)
- P. gunni** (Gray)
- Family ACANTHASTERIDAE
- Acanthaster planci* (Linnaeus)
- Family PTERASTERIDAE
- Eureaster cribosus* (von Martens)
- Order **SPINULOSA**
- Family MITHRODIIDAE
- Mithrodia clavigera* (Lamarck)
- Family ECHINASTERIDAE
- Echinaster stereosomus* Fisher
- Plectaster decanus** (Muller & Troschel)
- Class **OPHIUROIDEA**
- Order **EURYALAE**
- Family EURYALIDAE
- Euryale aspera* Lamarck
- Family GORGONOCEPHALIDAE
- Astroboa nuda* (Lyman)
- Astrocladus exiguus* (Lamarck)
- Family AMPHIURIDAE
- Amphiodia (Amphiodia) fuscoalba* (Brock)
- Amphiura (Amphiura) luetkeni* Duncan
- A. (Amphiodia) obtecta* Mortensen
- A. (Amphiura) sexradiata* Koehler
- Amphioplus (Amphioplus) lucidus* Koehler
- Dougaloplus echinatus* (Ljungman)
- A. (Lymanella) laevis* (Lyman)
- Ophiocentrus dilatatus* (Koehler)
- A. (Lymanella) depressus* (Ljungman)
- O. verticellatus* (Doderlein)
- Amphiura (Amphiura) ambigua* Koehler
- Paracrocnida sinensis* (A.H. Clark)
- Family OPHIACTIDAE
- Ophiactis modesta* Brock
- Ophiactis savignyi* (Muller & Troschel)
- O. resiliens** Lyman
- O. sinensis* Mortensen
- Family OPHIOTRICHIDAE
- Macrophiothrix koehleri* A.M. Clark
- Ophiothrix exigua* Lyman
- M. longipeda* (Lamarck)
- O. (Acanthophiothrix) proteus* Koehler
- Ophiocnemis marmorata* (Lamarck)
- O. (Acanthophiothrix) pupurea* von Martens
- Ophiogymna elegans* Ljungman
- O. (Acanthophiothrix) spinosissima* Koehler
- Ophiomaza cacaotica* Lyman
- O. (Keystonea) martensi* Lyman
- Ophiothela danae* Verrill
- O. (Keystonea) nereidina* (Lamarck)
- Ophiothrix ciliaris* (Lamarck)
- O. (Keystonea) propinqua* Lyman

Family OPHIOCOMIDAE

- Ophiocoma brevipes* Peters
*O. endeani**
O. erinaceus Muller & Troschel
O. pica Muller & Troschel
O. scolopendrina (Lamarck)
- Ophiocomella sexradia* (Duncan)
Ophiomastix annulosa (Lamarck)
O. caryophyllata Lutken
Ophiopsila pantherina Koehler

Family OPHIONEREIDAE

- Ophionereis dubia* (Muller & Troschel)
O. porrecta Lyman
- Ophionereis schayeri** (Muller & Troschel)

Family OPHIODERMATIDAE

- Ophiarachnella gorgonia* (Muller & Troschel)

Family OPHIURIDAE

- Ophiolepis cincta* Muller & Troschel
O. superba H.L. Clark
- Ophiura kinbergi* (Ljungman)

Class **ECHINOIDEA**

Order **CIDAROIDA**

Family CIDARIDAE

- Phyllacanthus imperialis* (Lamarck)
*P. parvispinus** (Tenison-Woods)
- Prionocidaris bispinosa* (Lamarck)
P. verticellata (Lamarck)

Order **LEPIDOLENTROIDA**

Family ECHINOTHURIDAE

- Araeosoma thetidis** (H. L. Clark)

Order **AULODONTA**

Family DIADEMATIDAE

- Astropyga radiata* (Leske)
Chaetodiadema granulatum Mortensen
Diadema setosum (Leske)
- Echinothrix calamaris* (Pallas)
*Pseudoboletia indiana** Michelin

Order **STIRODONTA**

Family STOMOPNEUSTIDAE

- Stomopneustes variolaris* (Lamarck)

Order **CAMARODONTA**

Family TEMNOPLEURIDAE

- Holopneustes inflatus** A. Agassiz
Mespilia globulus (Linnaeus)
Paratrema doederleini (Mortensen)
Salmaciella dussumieri (L. Agassiz)
- Salmacis bicolor* L. Agassiz
Temnopeurus toreumaticus (Leske)
Temnotrema reticulatus Mortensen

Family TOXOPNEUSTIDAE

- Gymnechinus robillardi* (de Loriol)
Toxopneustes pileolus (Lamarck)

Family ECHINOMETRIDAE

- Colobocentrotus atratus* (Linnaeus)
Echinometra mathaei (de Blainville)
- Echinostrephus molaris* (de Blainville)

Order **CLYPEASTEROIDA**
Family **CLYPEASTERIDAE**
Clypeaster rarispinus de Meijere
C. reticulatus (Linnaeus) *Clypeaster (Coronanthus) latissimus* (Lamarck)

Family **ARACHNOIDIDAE**
Arachnoides placenta (Linnaeus)

Family **FIBULARIIDAE**
Fibularia ongulipora Mortensen

Family **LAGANIDAE**
Laganum decegonale (de Blainville) *Peronella lesueuri* (Valenciennes)
L. depressum Lesson *P. rubra* Doderlein

Family **SCUTELLIDAE**
Echinodiscus auritus Leske *Echinodiscus tenuissimus* (L. Agassiz)
E. bisperforatus Leske

Order **SPATANGOIDA**
Family **SPATANGIDAE**
*Linopneustes brachypetalus**
Maretia planulata (Lamarck)

Family **LOVENIIDAE**
Lovenia elongata (Gray)
L. subcarinata (Gray)

Family **BRISSIDAE**
Brissus (Allobrissus) agasszii Doderlein *M. sternalis* (Lamarck)
Metalia spatangus (Linnaeus)

Class **HOLOTHUROIDEA**
Family **HOLOTHURIDEA**
Holothuria parva Lampert

Phylum **CHORDATA**
Subphylum **CEPHALOCHORDATA**
Branchiostoma malayana Webb

Subphylum **VERTEBRATA**
Class **ELASMOBRANCHII**
Subclass **SELACHII**
Order **LAMNIFORMES**
Family **ORECTOLOBIDAE**
Hemiscyllium griseum (Miller & Henle)

Family **SPHYRNIDAE**
Sphyrna zygaena (Linnaeus)

Order **RAJIFORMES**
Family **RHINOBATIDAE**
Rhynchobatus djiddensis (Forsk.)

Family MYLIOBATIDAE

Aetomylaeus nichofii (Schneider)
Rhinoptera javanica Miller & Henle

Family DASYATIDAE

Dasyatis kuhlii (Miller & Henle) *Taeniura lymma* (Forsk.)
Gymnura poecilura (Shaw)

Order **TORPEDINIFORMES**

Family TORPEDINIDAE

Narcine maculata (Shaw)

Class **TELEOSTOMI**

Subclass **ACTINOPTERYGII**

Order **CLUPEIFORMES**

Family ELOPIDAE

Elops hawaiiensis Regan

Family MEGALOPIDAE

Megalops cyprinoides (Broussonet)

Family CLUPEIDAE

<i>Anodontostoma chacunda</i> (Buchanan Hamilton)	<i>Opisthopterus tardoore</i> (Cuvier)
<i>Dussumieria acuta</i> Valenciennes	<i>Sardinella albella</i> (Valenciennes)
<i>Hilsa toli</i> (Valenciennes)	<i>S. fimbriata</i> (Valenciennes)
<i>Ilisha elongata</i> (Bennett)	<i>S. gibbosa</i> (Bleeker)
<i>I. megaloptera</i> (Swainson)	<i>S. longiceps</i> Valenciennes
<i>I. melastoma</i> (Schneider)	<i>S. sirm</i> (Walbaum)

Family ENGRAULIDAE

<i>Stolephorus bataviensis</i> Hardenberg	<i>Tryssa hamiltonii</i> (Gray)
<i>S. heterolobus</i> Ruppell	<i>T. mystax*</i> (Schneider)
<i>S. indicus</i> (Van Hasselt)	<i>T. setirostris</i> (Broussonet)

Family CHIROCENTRIDAE

Chirocentrus dorab (Forsk.)

Order **SCOPELIFORMES**

Family SYNODONTIDAE

<i>Saurida gracilis</i> (Quoy & Gaimard)	<i>Synodus similism</i> McCulloch
<i>S. micropectoralis</i> Shindo & Yamada	<i>S. variegatus</i> (Lacepede)
<i>S. tumbil*</i> (Bloch)	<i>Trachinocephalus myops</i> (Bloch & Schneider)
<i>S. undosquamis</i> (Richardson)	

Order **SALMONIFORMES**

Family GALAXIIDAE

*Galaxias truttaceus** (Cuvier)

Order **CYPRINIFORMES**

Family ARIIDAE

Tachysurus thalassinus (Ruppell)

Family PLOTOSIDAE

Plotosus anguillaris (Bloch)

Order ANGUILLIFORMES

Family MURAENIDAE

Echidna delicatula (Kaup)

E. nebulosa (Ahl.)

E. polyzona (Richardson)

E. zebra (Shaw)

Gymnothorax flovagineus Bloch & Schneider

G. undulatus (Lacepede)

Lycodontis permistus Smith

Family MURAENESOCIDAE

Muraenesox cinereus (Forsk.)

*M. talabonoides** (Cantor)

Muraenesox talabon (Cuvier)

Family OPHICHTHYIDAE

Leiuranus semicinctus (Lay & Bennet)

Pisodonophis cancrivora (Richardson)

Order BELONIFORMES

Family BELONIDAE

Ablennes hians (Cuvier & Valenciennes)

Tylosurus annulatus (Cuvier & Valenciennes)

Tylosurus leiurus (Bleeker)

T. strongylurus (Ven Hasselt)

Family HEMIRAMPHIDAE

Hemiramphus far (Forsk.)

H. melanurus Cuvier & Valenciennes

Zenarchopterus sp.

Order SYNGNATHIFORMES

Family FISTULARIIDAE

Fistularia petimba Lacepede

F. villosa Klunzinger

Family CENTRISCIDAE

Acoliscus strigatus (Günther)

Centriscus scutatus Linnaeus

Family SYNGNATHIDAE

Corythoichthys haematopterus (Bleeker)

Hippocampus trimaculatus Leech

Order BERYCIFORMES

Family HOLOCENTRIDAE

Holocentrum rubrum (Forsk.)

Order MUGILIFORMES

Family SPHYRAENIDAE

Callosphyraena toxema (Fowler)

Sphyraenella chrysotaenia (Klunzinger)

Sphyraenella flavicauda (Ruppell)

Family LACTARIIDAE

Lactarius lactarius (Bloch & Schneider)

Family RACHYCENTRIDAE

Rachycentron canadus (Linnaeus)

Family CARANGIDAE

Alectis ciliaris (Bloch)

A. indica (Ruppell)

Caranx (Selar) boops Cuvier & Valenciennes

C. (Selar) crumenophthalmus (Bloch)

C. (Selaroides) leptolepis Cuvier & Valenciennes

C. (Selar) malam Bleeker

C. (Selar) mate Cuvier & Valenciennes

C. (Gnathanodon) speciosus (Forsk.)

Carangoides gymnostethoides Bleeker

C. oblongus (Cuvier & Valenciennes)

Chorinemus lysan (Forsk.)

Chorinemus tala (Cuvier & Valenciennes)

C. tol Cuvier & Valenciennes

C. tolooparah (Ruppell)

Decapterus lajang (Bleeker)

D. russelli (Ruppell)

Elagatis bipinnulatus (Quoy & Gaimard)

Megalaspis cordyla (Linnaeus)

Seriola nigrofasciata (Ruppell)

Trachinotus bailloni (Lacepede)

T. russelli Cuvier & Valenciennes

Family MENIDAE

Mene maculata (Bloch & Schneider)

Family LUTJANIDAE

Aphareus rutilans Cuvier & Valenciennes

Aprion vivescens Cuvier & Valenciennes

A. (Pristipomoides) typus (Bleeker)

Caesio caeruleaureus Lacepede

C. chrysozona Cuvier & Valenciennes

C. erythrogaster Cuvier & Valenciennes

C. lunaris Cuvier & Valenciennes

C. tile Cuvier

C. xanthurus Bleeker

Lutjanus argentimaculatus (Forsk.)

L. biguttatus (Cuvier & Valenciennes)

L. bohar (Forsk.)

L. decussatus (Cuvier & Valenciennes)

L. fulviflamma (Forsk.)

L. gibbus (Forsk.)

Lutjanus janthinuropterus (Bleeker)

L. johni (Bloch)

L. kasmira (Forsk.)

L. lincolatus (Ruppell)

L. lunulatus (Mungo-Park)

L. lutjanus (Bloch)

L. monostigma (Cuvier & Valenciennes)

L. rivulatus (Cuvier & Valenciennes)

L. russelli (Bleeker)

L. sebae (Cuvier & Valenciennes)

L. vaigiensis (Quoy & Gaimard)

L. vitta (Quoy & Gaimard)

Macolor niger (Forsk.)

Pinjalo pinjalo (Bleeker)

Family NEMIPTERIDAE

Nemipterus delagoae Smith

N. hexodon (Quoy & Gaimard)

N. japonicus (Bloch)

N. nematophorus (Bleeker)

Nemipterus pentalineata Wongratana

N. peronii (Cuvier & Valenciennes)

N. tolu (Cuvier & Valenciennes)

Family LOBOTIDAE

Lobotes surinamensis (Bloch)

Family SCOLOPSIDAE

Parascolopsis eriomma (Jordan & Richardson) *Scolopsis dubiosus* Weber
Scolopsis bilineatus (Bloch) *S. taeniopterus* (Cuvier & Valenciennes)
S. ciliatus (Lacepede) *S. vosmeri* (Bloch)

Family PENTAPODIDAE

Gnathodentax mossambicus Smith *Gymnocranius ruppelli* Smith
Gymnocranius griseus (Schlegel) *Pentapus setosus* Cuvier & Valenciennes

Family LEIOGNATHIDAE

*Gazza achlamys** Jordan & Harks *Leiognathus splendens* (Cuvier)
G. minuta (Bloch) *Secutor insidiator* (Bloch)
Leiognathus elongatus (Gunther) *S. ruconius* (Hamilton & Buchanan)
L. smithursti (Rams & Ogilby)

Family GERRIDAE

Gerres babreviatus Bleeker *Gerres oblongus* Cuvier & Valenciennes
G. filamentosus Cuvier *Pentaprion longimanus* (Cantor)

Family POMADASYIDAE

Pomadasys argyreus (Valenciennes) *Pomadasys hasta* (Bloch)
P. furcatus (Bloch & Schneider) *P. maculata* (Bloch)

Family PLECTORHYNCHIDAE

Plectorhynchus cuvieri (Bennett) *Pseudopristipoma nigrum* (Cuvier)
P. (Spilotichthys) pictus (Thunberg)

Family LETHRINIDAE

Lithrinus choerorhynchus (Bloch & Schneider) *Lithrinus variegatus* Valenciennes
L. lentjan (Lacepede)

Family SPARIDAE

Argyrops spinifer (Forsk.)

Family MULLIDAE

Parupeneus barberinus (Lacepede) *P. pleurospilos* (Bleeker)
P. indicus (Shaw) *Upeneus sulphureus* Cuvier & Valenciennes
P. macronemus (Lacepede) *U. vittatus* (Forsk.)

Family MONODACTYLIDAE

Monodactylus argenteus (Linnaeus)

Family EPHIPPIDAE

Ephippus orbis (Bloch)

Family PLATACIDAE

Platax orbicularis (Forsk.)
P. pinnatus (Linnaeus)

Family DREPANIDAE

Drepane punctata (Linnaeus)

Family KYPHOSIDAE

Kyphosus cinerascens (Forsk.)

K. lembus (Cuvier & Valenciennes)

Family SCATOPHIDAE

Scatophagus argus (Linnaeus)

Family CHAETODONTIDAE

Anisochaetodon (Linophora) auriga (Forsk.)

A. (Linophora) vagavundus (Linnaeus)

A. (Oxychaetodon) lineolatus (Cuvier & Valenciennes)

Chaetodon (Chaetodontops) collare Bloch

C. (Tetragonopterus) octofasciatus Bloch

C. (Tetrachaetodon) plebeius (Cuvier)

C. (Rhabdophorus) trifasciatus

Mungo Park

Coradion chrysozonus (Cuvier & Valenciennes)

Gonochaetodon triangulum (Cuvier & Valenciennes)

Heniochus acuminatus Linnaeus

H. singularis Smith & Radcliffe

Parachaetodon ocellatus (Bloch)

Family POMACANTHIDAE

Pomacanthus (Pomacanthodes) annularis (Bloch)

P. (Pomacanthodes) imperator (Bloch)

Family CEPOLIDAE

Acanthocephala abbreviata (Valenciennes)

Family POMACENTRIDAE

*Abudefduf rollandi**

A. septemfasciatus (Cuvier & Valenciennes)

A. sexatilis (Linnaeus)

*A. sexfasciatus** (Lacepede)

*Acanthochromis polyacanthus** (Bleeker)

Amphiprion akallopisos Bleeker

A. clarkii (Benett)

A. ephippium (Bloch)

A. percula (Lacepede)

A. sebae Bleeker

Chromis atripectoralis Welander & Schultz

*C. caeruleus** (Cuvier & Valenciennes)

*C. nitidus** (Whitley)

C. ternatensis (Bleeker)

C. weberi Fowler & Bean

*Dascyllus aruanus** (Linnaeus)

D. reticulatus (Richardson)

D. trimaculatus (Ruppell)

*Eupomacentrus nigricans** Fowler

Glyphidodontops leucopomus (Lesson)

Glyphidodontops rollandi (Whitley)

G. unimaculatus (Cuvier)

Neopomacentrus anabatooides

N. nemurus (Bleeker)

Plectroglyphidodon dickii (Lienard)

P. johnstonianus Fowler & Ball

P. lacrymatus (Quoy & Gaimard)

P. leucozona (Bleeker)

*Pomacentrus amboinensis** Bleeker

P. chrysurus Cuvier

P. ?coelestis Jordan & Starks

*P. flavicauda** Whitley

P. lepidogenys Fowler & Bean

*P. melanochir** Bleeker

*P. melanopterus** Bleeker

P. moluccensis Bleeker

P. perspicillatus Cuvier & Valenciennes

P. philippinus Evermann & Seale

*P. sufflavus** (Whitley)

*P. wardi** Whitley

Family LABRIDAE

<i>Cheilinus chlorourus</i> (Bloch)	<i>Hemigymnus melapterus</i> (Bloch)
<i>C. fasciatus</i> (Bloch)	<i>Iniistius pavo</i> (Cuvier & Valenciennes)
<i>C. trilobatus</i> Lacepede	<i>Stethojulis phekadopleura</i> (Bleeker)
<i>Choerodon robustus</i> (Gunther)	<i>S. trilineata</i> (Bloch & Schneider)
<i>Epibulus insidiator</i> (Pallas)	<i>Thalassoma amblycephalus*</i> (Bleeker)
<i>Halichoeres scapularis</i> (Bennett)	<i>T. fascum</i> (Lacepede)
<i>H. trimaculatus*</i> (Quoy & Gaimard)	<i>T. janseni</i> (Bleeker)
<i>Hemigymnus fasciatus</i> (Bloch)	<i>T. lunare</i> (Linnaeus)

Family SCARIDAE

<i>Scarus blochii</i> Cuvier & Valenciennes	<i>Scarus rubroviolaceus</i> (Bleeker)
<i>S. niger</i> Forskal	<i>Xanophon fowleri</i> Smith

Family PARAPERCIDAE

*Parapercis cylindrica** (Bloch)
P. quadrispinosa (Weber)

Family BLENNIIDAE

*Salarias fasciatus** (Bloch)
Escenius mandibularis McCulloch

Family PHOLIDIDAE

*Asteropterynx semipunctatus** Ruppel

Family PLESIOPIDAE

*Trachinops taeniatus** Gunther

Family CONGROGADIDAE

*Blennodesmus scapularis** Gunther

Family CALLIONYMIDAE

Dactylopus dactylopus (Cuvier & Valenciennes)

Family SIGANIDAE

<i>Siganus chrysopilos</i> (Bleeker)	<i>Siganus oramin</i> (Bloch & Schneider)
<i>S. corallinus</i> (Cuvier & Valenciennes)	<i>S. vermiculatus</i> (Cuvier & Valenciennes)
<i>S. guttatus</i> (Bloch)	<i>S. virgatus</i> (Cuvier & Valenciennes)
<i>S. javus</i> (Linnaeus)	

Family ZANCLIDAE

Zanclus cornutus (Linnaeus)

Family ACANTHURIDAE

<i>Acanthurus celebicus</i> Bleeker	<i>Naso brevirostris</i> (Cuvier & Valenciennes)
<i>A. gahm</i> (Forsk.)	<i>N. hexacanthus</i> (Bleeker)
<i>A. leucosternon</i> Bennett	<i>N. vlamingi</i> (Valenciennes)
<i>A. lineatus</i> (Linnaeus)	<i>Zebrosoma veliferum</i> (Bloch)
<i>A. matoides</i> Cuvier & Valenciennes	

Family TRICHIURIDAE

Trichiurus haumela (Forsk.)

Family SCOMBRIDAE

*Auxis thazard** (Lacepede)

Euthynnus affinis (Cantor)

*E. pelamis** (Linnaeus)

Grammatorcynus bicarinatus (Quoy & Gaimard)

Gymnosarda nuda (Gunther)

Rastrelliger faughni Matsui

Rastrelliger kanagurta (Cuvier)

R. neglectus (Van Kampen)

*Sarda orientalis** Bloch

Scomberomorus commersoni (Lacepede)

S. guttatus (Bloch & Schneider)

*Thunnus tonggol** (Bleeker)

Family STROMATEIDAE

Pampus argenteus (Euphrasen)

Family ARIOMMIDAE

*Ariomma indica** (Day)

Family CENTROLOPHIDAE

Psenopsis anomala (Temminck & Schlegel)

Family APOLECTIDAE

Parastromateus niger (Bloch)

Family ELEOTRIDAE

Butis butis (Hamilton)

Ophiocara porocephala (Valenciennes)

Family PERIOPHTHALMIDAE

Boleophthalmus boddarti (Pallas)

Periophthalmus koelreuteri (Pallas)

Periophthalmus vulgaris Eggert

Scartelaos viridis (H. Buchanan)

Family GOBIDAE

Cryptocentrus callopterus H.M. Smith

C. crocratus Wongratana

C. fontanesii (Bleeker)

C. gymnocephalus (Black)

C. leonis H.M. Smith

Cryptocentrus pavoninoides (Bleeker)

Gnatholepis sp.

Taenioides caeculus (Schneider)

T. gracilis (Valenciennes)

Family SCORPAENIDAE

Pterois russelli Bennett

P. volitans Linnaeus

Pteroptenus radiata (Cuvier & Valenciennes)

Scorpaenopsis gibbosa (Bloch)

Family SYNANCEIDAE

Synanceia horrida (Linnaeus)

Family PLATYCEPHALIDAE

- | | |
|---|---|
| <i>Elates ransonneti</i> (Steindachner) | <i>Thysanophrys bataviensis</i> (Bleeker) |
| <i>E. thompsoni</i> (Jordan & Seale) | <i>T. macracanthus</i> Bleeker |
| <i>Grammolithes scaber</i> (Linnaeus) | <i>T. malayanus</i> (Bleeker) |
| <i>Platycephalus indicus</i> (Linnaeus) | <i>T. papillolabium</i> Schultz |
| <i>P. pristiger</i> Cuvier & Valenciennes | <i>T. sculptus</i> (Gunther) |
| <i>Rogadius asper</i> (Cuvier) | <i>T. serratus</i> (Cuvier) |
| <i>Sorsogona tuberculata</i> (Cuvier) | |

Order DACTYLOPTERIFORMES

Family DACTYLOPTERIDAE

- Dactyloptena orientalis* (Cuvier & Valenciennes)

Order PLEURONECTIFORMES

Family PSETTODIDAE

- Psettodes erumei* (Bloch & Schneider)

Family BOTHIDAE

- | | |
|--|--|
| <i>Arnoglossus intermedius</i> (Bleeker) | <i>Grammatobothus polyophthalmus</i> (Bleeker) |
| <i>A. tenuis</i> Gunther | <i>Pseudorhombus arsius</i> (Hamilton) |
| <i>Engyproson grandisquamis</i> (Temminck
& Schlegel) | <i>P. dupliviocellatus</i> Regan |
| <i>E. latifrons</i> (Regan) | <i>P. elevatus</i> Ogilby |

Family PLEURONECTIDAE

- Brachypleura novae-zelandiae* Gunther

Family SOLEIDAE

- | | |
|---------------------------------------|---|
| <i>Heteromycteris oculus</i> (Alcock) | <i>Synaptura commersoniana</i> (Lacepede) |
| <i>Synaptura cornuta</i> (Kaup) | <i>S. quagga</i> (Kaup) |

Family CYNOGLOSSIDAE

- | | |
|---|---|
| <i>Cynoglossus bilineatus</i> (Lacepede) | <i>Cynoglossus oligolepis</i> (Bleeker) |
| <i>C. cynoglossus</i> Hamilton & Buchanan | <i>C. semifasciatus</i> Day |
| <i>C. macrolepidotus</i> (Bleeker) | <i>C. sibogae</i> Weber |

Order ECHENEIFORMES

Family ECHENEIDAE

- Echeneis naucrates* Linnaeus

Order TETRODONTIFORMES

Family TRIACANTHIDAE

- | | |
|---|-----------------------------|
| <i>Pseudotriacanthus striligifer</i> (Cantor) | <i>Trixipichthys weberi</i> |
| <i>Triacanthus brevirostris</i> Schlegel | |

Family BALISTIDAE

Abalistes stellaris (Bloch & Schneider) *Odonus niger* (Ruppell)
Balistopus undulatus (Mungo Park) *Sufflamen capistratus* (Shaw)
Canthidermis rotundatus (Proce)

Family ALUTERIDAE

Alutera monoceros (Osbeck) *Monacanthus chinensis* (Bloch)
A. scripta (Osbeck) *M. macrurus* Bleeker

Family OSTRACIONTIDAE

Ostracion (Lactoria) cornutus Linnaeus *Ostracion tuberculatus* Linnaeus
O. (Rhynchostracion) nasus Bloch *Tetrosomus gibbosus* (Linnaeus)

Family TETRAODONTIDAE

*Canthigaster valentini** (Bleeker) *Tetraodon nigropunctatus* Bloch & Schneider
Chelonodon patoca (Hamilton & Bucanan) *T. reticulatus* Bloch & Schneider
Tetraodon hispidus Linnaeus *T. stellatus* (Bloch & Schneider)
T. immaculatus Bloch & Schneider

Family LAGOCEPHALIDAE

Gastrophysus lunaris (Bloch & Schneider) *Lagocephalus inermis* (Schlegel)
G. sceleratus (Gmelin) *Sphoeroides florealis* (Cope)

Family DIODONTIDAE

Chilomycterus orbicularis (Bloch) *Diodon hystrix* Linnaeus
Diodon holacanthus Linnaeus

Order LOPHIIFORMES

Family OGCOEPHALIDAE

Haliethaea stellata (Vahl)

Class **REPTILIA**

Subclass **ANAPSIDA**

Order **CHELONIA (TESTUDINATA)**

Family **CHELONIIDAE**

Chelonia mydas japonica Thunberg *Lepidochelys olivacea olivacea* Eschscholtz
Eretmochelys inbricata bissa Ruppell

Family **DERMOCHELYDIDAE**

Dermochelys coriacea schlegeli Garman

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