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CHECKLIST OF THE INVERTEBRATE ANIMALS REPORTED
FROM THE REGION OF PORT ARANSAS, TEXAS.

Lamarr B. Trott
Institute of Marine Science
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This checklist is of preliminary form with the hope that this will be a beginning for a more complete annotated list of the fauna and flora of this region. In many cases this list is quite obviously incomplete, however further work on the taxonomy of the biota of this region will gradually fill the incomplete gaps, and the resulting list should then prove quite useful to field investigators in this area.

The arrangement of this list is phylogenetic, with reference for each species indicated by the number of each reference. Only free-living forms are considered.

I wish to acknowledge the extensive aid given by Mr. Millard Kelley, of the Institute of Marine Science, in surveying the Invertebrate collections of the Institute. Mr. Kelley is at present surveying the collection of the Texas Game and Fish Commission at Rockport, Texas, and additions to this list from their collection will be added at a later date.

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PHYLUM PROTOZOA

<u>Species</u>	<u>Reference</u>
<u>Foraminifera</u>	
<u>Ammobaculites dilatatus</u> Cushman and Bronniman	5
<u>A. salsus</u> Cushman and Bronniman	5
<u>Bolivina striatula</u> Cushman	6
<u>Buliminella elegantissima</u> (d'Orbigny)	6
<u>Cibicides concentricus</u> (Cushman)	6
<u>Discorbis</u> sp.	6
<u>Elphidium advenum</u> (Cushman)	5
<u>E. articulatum</u> (d'Orbigny)	5
<u>E. gunteri</u> Cole	5
<u>E. incertum</u>	5
<u>E. morenoi</u> Bermudez	5
<u>E. poeyanum</u> (d'Orbigny)	5
<u>E. translucens</u> Natland	5
<u>Guttulina spicaeformis</u> (Roemer)	5
<u>Massilina annectens</u> Schlumberger	5
<u>M. peruviana</u> (d'Orbigny)	5
<u>Milionella circularis</u> (Bornemann)	5
<u>Miliammina fusca</u> (H. B. Brady)	5
<u>Nonion panciloculum</u> Cushman	5
<u>Quinqueloculina bidentata</u> d'Orbigny	5
<u>Q. caneiana</u> d'Orbigny	5
<u>Q. costata</u> d'Orbigny	5
<u>Q. seminuda</u> (Linne)	5
<u>Quinqueloculina subpoeyana</u> Cushman	5
<u>Rotalia beccarii</u> (Linne)	6
<u>Spiroloculina manifesta</u> Cushman and Todd	5
<u>Triloculina linnei</u> d'Orbigny	5
<u>T. oblonga</u> (Montagu)	5
<u>T. trigonula</u> (Lamarck)	5
<u>Trochammina inflata</u> (Montagu)	5
<u>Mastigophora</u>	
<u>Ceratium hirundinella</u> (Muller)	8
<u>C. fusus</u> (Ehrenberg)	9
<u>C. tripos</u> (O. F. Muller)	9
<u>Ciliata</u>	
<u>Vorticella</u> sp.	8

PHYLUM PORIFERA

<u>Species</u>	<u>Reference</u>
<u>Carmia</u> sp.	*
<u>Cliona celata</u> Grant	*
<u>Haliclona</u> sp.	2
<u>Microciona</u> sp.	2
<u>Tedania ignis</u> Duchaissing and Michelotti	*
<u>Terpios fugax</u>	*

PHYLUM COELENTERATA

Hydrozoa

<u>Aglaophenia minuta</u>	13
<u>Bougainvillia inaequalis</u>	13
<u>Clytia cylindrica</u> Agassiz	2
<u>Eudendrium carneum</u> Clarke	12
<u>Conionemus murbachii</u> Mayer	9
<u>Gonothyrea gracillia</u> (Sars)	2, 13
<u>Hydractinia echinata</u> (Fleming)	2
<u>Obelia dichotoma</u> (Linnaeus)	2
<u>Perophora viridis</u> Verrill	13
<u>Physalia pelagica</u> Bosc <i>Part swamped with</i>	2, 13
<u>P. physalia</u> Linnaeus	13
<u>Porpita linneana</u> Lesson	2, 12, 13
<u>Rhizophysa eysenhardti</u> (Gehanbaur)	13
<u>Seratularia inflata</u> (Versluys)	2
<u>Tubularia crocea</u> (L. Agassiz)	2
<u>Velella velella</u>	2, 13
<u>Zanclaea costata</u> Gegenbaur	2

Scyphozoa

<u>Aurelia aurita</u> Linnaeus	1, 2, 9
<u>Chiropsalmus quadrumanus</u> Linnaeus	13
<u>Dactylometra quinquecirrha</u> (Desor)	1, 2
<u>Nemopsis bachei</u> Agassiz	9, 12

<u>Species</u>	<u>Reference</u>
<u>Pelgalia</u> sp.	13
<u>Phorthis</u> sp.	12
<u>Solmundella vittentaelata</u> Haeckel	12
<u>Stomolophus meleagris</u> Agassiz <i>cabbage head</i>	1,2,9,13
Anthozoa	
<u>Aiptasia pallida</u> (Verrill)	6,12,13
<u>Aiptasiomorpha luciae</u> (Verrill)	6
<u>A. texaensis</u> Carlg. and Hedgpeth	6, 12
<u>Andwakia isabellae</u> n. sp.	6
<u>Anemonia sargassensis</u> Hargitt	6, 13
<u>Anthopleura krebsi</u> (Duchassaing and Michelotti)	2,6, 12
<u>Astrangia astreiformis</u> M. Edwards and Haime	2,4,11
<u>Bartholomea annulata</u> (LeSueur)	6
<u>Botryon tuberculatus</u> n.sp.	6
<u>Bunodactis</u> sp.	6
<u>B. texaensis</u> n. sp.	6
✓ <u>Bunodosoma cavernata</u> (Bosc) <i>Sea Anemone</i>	2,6, 12,13
<u>Calliactis tricolor</u> (LeSueur)	6,7,13
<u>Ceriantheomorpha brasiliensis</u> Carlgren	6
<u>Eugorgia virgulata</u> (Lamarck)	13
<u>Leptorgorgia setacea</u> (Pallas)	1,11,13
<u>Minyas olivacea</u> (LeSueur)	6,12
<u>Oculina diffusa</u> (Lamarck)	12,13
<u>Palythoa texaensis</u> Carlgren and Hedgpeth	6,12
<u>Paranthus rapiformis</u> (LeSueur)	6,13
<u>Renilla mulleri</u> Kolliker	1,11,13
<u>Sagartia luciae</u> Verrill	13
<u>Virgularia mirabilis</u> (Linnaeus)	7,12,13

PHYLUM CTENOPHORA

✓ <u>Beroë ovata</u> Chamisso and Eysenhardts	13
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Species

PHYLUM BRYOZA

Reference

Ectoprocta

<u>Acanthodesia savartii</u> (Audouin)	2
<u>Amathia</u> sp.	
<u>Bugula neritina</u> Linnaeus	2, 11, 13
<u>B. turrita</u> (Desor)	2
<u>Membranipora flabellata</u> Canu	4
<u>M. tuberculata</u> (Bosc)	2
<u>Zoobotryon pellucidum</u> Ehrenberg	1, 2

Order
PHYLUM: PYCNOGONIDA

<u>Achelia</u> sp.	2
<u>Anoplodactylus petiolatus</u> (Droyer)	2
<u>A. pygmaeus</u> (Hodge)	2
<u>Amothella rugulosa</u> Verrill	2
<u>Tanystylum orbiculare</u> Wilson	2

Arthropoda
Crustacea

PHYLUM ANNELIDA

Polychaeta

<u>Amphinome rostrata</u> (Pallas)	3
<u>Arenicola cristata</u> Stimpson	3
<u>Branchioasychis americana</u> Hartman	3
<u>Capitella capitata</u> (Fabricius)	3
<u>Capitellides teres</u> Treadwell	3
<u>Geratoneis tridentata</u> (Webster)	3, 12
<u>Cirratulus hedgpethi</u> n. sp.	3
<u>Desiospira spirillum</u> (Linnaeus)	3
<u>Diopatra cuprea</u> (Bosc)	3, 12
<u>Eteone heteropoda</u> n. sp.	3
<u>Eupomatus dianthus</u> (Verrill)	3
<u>Glycera dibranchiata</u> Ehlers	3
<u>Haploscoloplos floiosus</u> n. sp.	3
<u>H. fragilis</u> (Verrill)	3, 12
<u>Heteromastus filiformis</u> (Claparede)	3
<u>Hipponoe multibranchiata</u> (Treadwell)	3
<u>Hoploplana grubei</u> (Graff)	12
<u>Laeonereis culveri</u> (Webster)	3, 12
<u>Lepidometria commensalis</u> Webster	3
<u>Lepidonotus sublevis</u> Verrill	3, 12
<u>Loandalia americana</u> Hartman	3
<u>Lumbrinereis alata</u> n. sp.	3
<u>Maldane sarsi</u> Malmgren	3
<u>Marphysa sanguinea</u> (Montagu)	3, 12

<u>Species</u>	<u>Reference</u>
<u>Neanthes succinea</u> (Frey and Leuckart)	3, 12
<u>Nereiphylla fragilis</u> (Webster)	3, 12
<u>Nereis pelagica</u> Hartman	3, 9
<u>Nerine agilis</u> Verrill	3, 12
<u>Onuphis eremita</u> Audouin and M. Edwards	3
<u>Pareurythoe americana</u> n. sp.	3
<u>Platynereis dumerilii</u> Audouin and M. Edwards	3, 12
<u>Polydora ligni</u> Webster	3
<u>P. websteri</u> Hartman	3, 12
<u>Prionospio heterobranchia</u> Moore	3
<u>Sabella microphthalma</u> Verrill	3
<u>Stenelais articulata</u> Kinberg	3
<u>S. leodvi</u>	12
<u>Stylochus ellipticus</u> (Girard)	12
<u>Thelepus setosus</u> (Quatrefages) #135	3, 12

PHYLUM MOLLUSCA

Amphineura

<u>Chaetopleura apiculata</u> Say	11
<u>Ischnochiton papillosus</u> (Adams)	2, 4, 11, 13

Scaphopoda

<u>Cadulus</u> sp.	13
<u>Dentalium eboreum</u> (Conrad)	13
<u>D. texasianum</u> Philippi	4, 11

Cephalopoda

<u>Loligo brasiliensis</u> Blainville	2
<u>L. pealeii</u> Le Sueur	1, 7, 12
<u>Lolliguncula brevis</u> Blainville	1, 7, 11
<u>Octopus joubini</u> Robson	7
<u>C. vulgaris</u> Lamarck	1, 7
<u>Rossia tenera</u> (Verrill)	7
<u>Spirula spirula</u> Linne	13

Pelecypoda

<u>Abra aequalis</u> Say	4, 11, 12, 13
<u>Aequipecten irradians</u> (Dall)	4, 11, 13
<u>Agriopoma texasiana</u> Dall	12
<u>Anadara brasiliiana</u> (Lamarck)	11, 13
<u>A. campechiensis</u> (Gmelin)	11
<u>A. ovalis</u>	13
<u>A. pexata</u> (Say)	12

<u>Species</u>	<u>Reference</u>
<u>Anadara transversa</u> (Say)	11, 12, 13
<u>Amygdalum papyria</u> (Conrad)	11, 13
<u>Anatina canaliculata</u> (Say)	13
<u>Anodontia alba</u> Link =	11, 12, 13
<u>Anomalocardia cuneimeris</u> Conrad	4, 8, 9, 11, 12, 13
✓ <u>Anomia simplex</u> Orbigny <i>Common Single Shell</i>	2, 4, 11, 13
<u>Arca compechiensis</u> Gmelin	4, 7, 12, 13
<u>A. imbricata</u> Bruguiere = <u>A. umbonata</u> Lamarck	12, 13
<u>A. incongrua</u> Say =	4
<u>A. transversa</u> Say = <u>Anadara transversa</u>	4, 7, 13
<u>A. umbonata</u> Lamarck	13
<u>Asophie deflorata</u> Linne	12
<u>Astarte nana</u> E. A. Smith	11
<u>Atrina seminuda</u> (Lamarck)	11, 13
<u>A. serrata</u> Sowerby	7, 13
<u>A. sp.</u>	4
<u>Bankia gouldi</u> Bartsch	2
<u>Barbatia candida</u> Helbling	13
<u>B. domingensis</u> (Lamarck) <i>thin arc in rocks</i>	13
<u>Barnea costata</u> (Linnaeus) = <u>Barnea truncata</u>	4, 7
<u>Botulla fusca</u> (Gmelin) <i>dark mussel</i>	13
<u>Brachiodontes citrinus</u> (Roding)	11, 13
<u>B. exustus</u> (Linne)	11, 12, 13
<u>B. recurvus</u> (Rafinesque)	11, 12, 13
<u>Calliocardia texasiana</u> Dall	12
<u>Cardita floridana</u> Conrad	4, 11, 13
<u>Carditamera avata</u> Conrad	12
<u>Cardium muricatum</u> Linnaeus = <u>Trachycardium muricatum</u> Linnaeus	4
<u>C. robustum</u> Solander = <u>Dinocardium robustum</u> Solander	4
<u>Chama congregata</u> Conrad	13
✓ <u>Chione cancellata</u> Linnaeus <i>Cross barred Venus</i>	4, 7, 11, 12, 13
<u>C. clenchi</u> Pulley	7, 11
<u>C. grus</u> Holmes	4, 13
<u>Congeris salleri</u> (Recluz) =	13
<u>Corbula contracta</u> Sau	11
<u>C. nasuta</u> Say	12
<u>C. sp.</u>	4
<u>C. swiftana</u> C. B. Adams	11, 13
<u>Crassinella lunulata</u> (Conrad)	11
<u>C. sp.</u>	4, 13
<u>Crassostrea rhizophorae</u> (Guilding) = <u>Crassostrea virginica</u>	13
✓ <u>C. virginica</u> (Gmelin) <i>Commercial oyster</i>	1, 2, 4, 11
<u>Cumingia tellinoides</u> Rehder	4, 13
<u>Cyclinella tenuis</u> Recluz	4, 11, 13
<u>Cyrtopleura costata</u> (Linne)	11
<u>Dinocardium robustum</u> Solander	7, 11, 13
<u>Diplodonta punctata</u> (Say)	11
<u>D. semiaspers</u> Philippi	11
<u>Diplothyra smithi</u> (Tryon)	11

SpeciesReference

<u>Donax turida</u> Philippi	10, 12, 13
<u>D. variabilis</u> Philippi	10, 11, 13
<u>D. discus</u> Reeve	4, 11, 13
<u>Echinochama arcinella</u> Linne	7, 12
<u>Ensis minor</u> Dall	4, 11, 12, 13
<u>Montia ponderosa</u> (Say)	4, 11
<u>Trivillia concentrica</u> (Gould)	11
<u>Gemma gemma</u> Totten	13
<u>Hiatella arctica</u> (Linne)	11
<u>Isogommon alata</u> (Gmelin)	13
<u>I. radiata</u> (Anton)	13
<u>Labiosa lineata</u> (Say)	13
<u>L. plicatella</u> (Lamarck)	11, 13
<u>Laevicardium laevigatum</u> Linne	7, 11, 13
<u>L. mortoni</u> Conrad	4, 11, 12, 13
<u>Lithophaga bisulcata</u> Orbigny	2, 12, 13
<u>Lucina amiantus</u> Dall	4, 11
<u>Lucina crenella</u> (Dall)	11
<u>L. floridana</u> Conrad	4, 12
<u>L. jamaicensis</u> Lamarck	12
<u>L. multilineata</u> Tuomey and Holmes	4
<u>L. pectinata</u> Gmelin	4
<u>Lyonsia floridana</u> Conrad	4, 11
<u>L. kyalina</u> (Conrad)	13
<u>Macoma brevifrons</u> (Say)	9, 11
<u>M. constricta</u> Bruguiere	4, 11, 13
<u>M. limula</u> Dall	11
<u>M. mitchelli</u> Dall	11, 12, 13
<u>M. tazeliformis</u> Dall	7
<u>M. tenta</u> (Say)	11
<u>Macrocallista numbosa</u> Solander	13
<u>Nactra fragilis</u> Gmelin	4, 11, 12, 13
<u>Martesia caribaea</u> Orbigny	12
<u>M. striata</u> Orbigny	2, 12
<u>M. smithi</u> Tryon = <u>Diplothyra smithi</u>	12
<u>Mercenaria mercenaria texana</u> Dall Northern Quahog	11, 13
<u>Kodiolaria lateralis</u> Say	13
<u>Kodiulus tulipus</u> Linnaeus	4, 12
<u>Lulinia lateralis</u> Say	4, 8, 9, 11, 12, 13
<u>Lyaella planulata</u> (Stimpson)	11, 13
<u>Kytilus recurvus</u> Rafinesque ^{hooked} bent mussel aka Brachidontes	2, 12
<u>Loetia ponderosa</u> Say	7, 13
<u>Nuculana acuta</u> Conrad	4, 11
<u>N. concentrica</u> Say	4, 11, 13
<u>Ostrea cristata</u> Born	1, 2
<u>O. equestris</u> Say	7, 11, 12, 13

SpeciesReference

Pandora trilincata
Panope bitruncata
Pecten papyraceus
Pecten ravenei
Periploma inaequale
Petricola pholadiformis
Phacoides pectinatus
Pholas campechiensis
Pinctada radiata
Pitar arreta
Pitar cordata
Plicatula gibbosa
Pododesmus radis
Polymesoda caroliniana
Pseudochama radians
Pseudocyrena floridana
Pteria colymbus
Quadrans lintea
Rangia cuneata
Rangia flexuosa
Rupellaria typica

Sanguinolaria cruenta
Semele bellastrata
Semele purpurescens
Semele proficua
Solen viridis
Spisula solidissima
Spondylus americanus
Strigilla mirabilis
Tagelus divisus
Tagelus plebius
Tellidora cristata
Tellina alternata
T. georgiana
T. iris
T. lineata
T. tampaensis
T. texana
T. versicolor
Trachycardium muricatum

<u>Species</u>	<u>Reference</u>
Gastropoda	
<u>Acteon punctostriatus</u> C.B. Adams	4, 11, 13
<u>Acteocina canaliculata</u> Say	4, 14
<u>Alaba incerta</u> Orbigny	13
<u>Amca mitchelli</u> (Dall)	13
<u>Anachis avara</u> Say } <i>dove</i>	2, 4, 11, 13
<u>A. obesa</u> C. B. Adams }	4, 11, 13
<u>Aplvsia floridensis</u> Pilsbury	2
<u>Architectonica granulata</u> Lamarck = <u>A. nobilis</u>	7, 13
<u>A. nobilis</u> nodding	13
<u>Atlanta</u> sp.	13
<u>Bittium varium</u> Pfeiffer	4, 9, 11
<u>Bulla occidentalis</u> A. A. Adams	11
<u>B. striata</u> (Brugiere)	13
<u>Busycon contrarium</u> (Conrad)	4, 7, 11, 13
<u>B. perversum</u> Linne = <u>B. contrarium</u> (Conrad)	1, 7
<u>B. pyrvm</u> Dillwyn = <u>B. spiratum</u> (Lamarck)	1, 4, 7, 13
<u>B. spiratum</u> (Lamarck)	11, 13
<u>Caecum cooperi</u> (S. Smith)	13
<u>C. nitidum</u> Stimpson	11, 13
<u>C. pulchellum</u> Stimpson	11, 13
<u>C. sp.</u>	4
<u>Cancellaria reticulata</u> (Linne)	13
<u>Cantharus cancellaria</u> Conrad	4, 11, 13
<u>C. tinctus</u> (Conrad)	2, 11, 13
<u>Cavolina</u> sp.	13
<u>Cerithidea pliculosa</u> (Menke)	4, 11, 13
<u>Cerithiopsis greenel</u> (C. B. Adams)	11, 13
<u>C. subulata</u> (Montagu)	13
<u>Cerithium variable</u> C. B. Adams	4, 11, 13
<u>Crassispira tampaensis</u> (Bartsch and Rehder)	13
<u>Crepidula convexa</u> Say	4, 13
<u>C. fornicata</u> (Linnaeus) <i>slipper</i>	2, 7, 11, 13
<u>C. glauca</u> Say	11
<u>C. plana</u> Say - <i>white slipper</i>	4, 7, 11, 13
<u>Cresis acicula</u> (Rang)	13
<u>Crucibulum</u> sp.	7
<u>Cylichna bidentata</u> (D ^r Orbigny)	11, 13
<u>Cyclostremicus</u> sp.	4
<u>C. trilix</u> (Bush)	11
<u>Cymatium martinianum</u> Orbigny	13
<u>Diodora cayenensis</u> (Lamarck)	11, 13
<u>S. sp.</u>	4
<u>Distorsio clathrata</u> Lamarck	7, 13
<u>Epitonium humphreysii</u> Kiemer	13
<u>E. novangliae</u> (Cathouy)	13
<u>Epitonium angulatum</u> (Say)	11, 13
<u>E. multistriatum</u> (Say)	11, 13
<u>E. rupicolum</u> (Kurtz)	11, 13
<u>E. sp.</u>	4
<u>E. tollini</u> Bartsch	11

<u>Species</u>	<u>Reference</u>
<u>Fascoilaria distans</u> Lamarck	2, 7, 13
<u>F. gigantea</u> Kiener	7, 13
<u>F. hunteria</u> (Perry)	11
<u>F. tulipa</u> Linne	13
<u>Fi-surella</u> sp.	4
<u>Hamiocoea elegans</u> (Gray)	11, 13
<u>Janthina exigua</u> Lamarck	13
<u>J. globosa</u> Swainson	13
<u>J. janthina</u> Linne	13
<u>Kurtziella perryae</u> Bartsch and Rehder	11
<u>K. sp.</u>	
<u>Litiopa melanostoma</u> (Rang)	13
<u>Littoridina sphinctosoma</u> Abbott and Ladd	4, 11
<u>Littorina angulifera</u> (Lamarck)	11
<u>L. irrorata</u> (Say)	2, 11, 13
<u>L. nebulosa</u> (Lamarck)	2, 11, 13
<u>L. ziczac</u> (Gmelin)	2, 4, 11, 13
<u>Lucapinella limatula</u> Reeve	13
<u>Mangelia crinella</u> (Dall)	13
<u>M. sp.</u>	4
<u>Melampus bidentatus</u> Say	11
<u>Melanella conoidea</u> (Kurtz and Stimpson)	11
<u>M. intermedia</u> Cantraine	13
<u>Mitrella lunata</u> Say <i>Moon snail</i>	4, 11, 13
<u>Modulus modulus</u> Conrad	4, 11, 13
<u>Murex fulvescens</u> Sowerby	7, 13
<u>M. pomum</u> Gmelin	7, 13
<u>Nassarius acuta</u> Say	2, 4, 11, 13
<u>N. vibex</u> Say	4, 11, 13
<u>Natica pusilla</u> Say	4, 11, 13
<u>Neosimnia uniplicata</u> (Sowerby)	11, 13
<u>Nerita fulgurans</u> (Gmelin)	13
<u>N. versicolor</u> Gmelin	2
<u>Neritina virginea</u> Linnaeus - <i>Nerite</i>	4, 11, 13
<u>Niso interrupta</u> Sowerby	11, 13
<u>Odostomia bisuturalis</u> Say	9, 11
<u>O. impressa</u> (Say)	11, 13
<u>O. seminuda</u> C. B. Adams	13
<u>O. sp.</u>	4
<u>Oliva sayana</u> Ravenel	4, 11, 13
<u>Clivella floralia</u> Duclos	13
<u>O. minuta</u> Link	13
<u>O. nutica</u> Say	4, 11, 13
<u>Oocorys</u> sp.	7
<u>Pedipes</u> sp.	13
<u>Phalium granulatum</u> Born	2, 7, 13
<u>Polinices duplicata</u> Say	4, 7, 11, 13
<u>Polystria albida</u> Dall	7
<u>Prunum apicinum</u> (Menke)	11, 13

<u>Species</u>	<u>Reference</u>
<u>Pyramidella crenulata</u> Holmes	11, 13
<u>P. fusca</u> (C. B. Adams)	11
<u>P. sp.</u>	4
<u>Recluzia rellandiana</u> Petit	13
<u>Retusa canaliculata</u> (Say)	11, 13
<u>Rissoina chesneli</u> (Michaud)	11, 13
<u>R. sp.</u>	4, 13
<u>Rissoina laevigata</u> (C. B. Adams)	13
<u>Rubellatoma diomedea</u> (Bartsch and Rehder)	13
<u>Sconsia striata</u> Gray	7
<u>Scyllaea pelagica</u> Linne	13
<u>Seila adamsi</u> (H. C. Lea)	11, 13
<u>Sinum perspectivum</u> (Say)	11
<u>Siphonaria naufrago</u> Stearns	2, 4
<u>S. pectinata</u> (Linne) <i>faul limpet</i>	13
<u>Smaragdia viridis</u> (Linne)	13
<u>Strombus alatus</u> Gmelin	7, 13
<u>S. rugilis</u> Linne	13
<u>Teinostoma sp.</u>	4
<u>Tegula fasciata</u> (Born)	11, 13
<u>Terebra cinerea</u> Born	13
<u>T. dislocata</u> (Say)	11, 13
<u>T. protexta</u> (Conrad)	13
<u>Tethys floridensis</u> Pilsbry	2
<u>Thais floridana</u> Conrad	1, 2, 4, 13
<u>T. haemostoma</u> Linne <i>rock snail</i>	7, 11, 13
<u>Tonna galea</u> Linne	1, 7, 13
<u>Torina bisulcata</u> Orbigny	13
<u>Tricolia affinis</u> C. B. Adams	13
<u>Triphora sp.</u>	4, 13
<u>T. perversa</u> (C. B. Adams)	11
<u>Turbonilla incisa</u> Bush	11
<u>T. hemphilli</u> Bush	11
<u>T. interrupta</u> Totten	11
<u>T. sp.</u>	4, 13
<u>Truncatella pulchella</u> Pfeiffer	11, 13
<u>Urosalpinx sp.</u>	1
<u>Vermicularia fargoi</u> Olsson	11, 13
<u>V. spirata</u> Philippi	4, 13
<u>Vitrinella helicoidea</u> C. B. Adams	4
<u>V. sp.</u>	4, 11

SpeciesReference

PHYLUM ARTHROPODA

Class Crustacea

A. COPEPODA

<u>Acartia tonsa</u> (Dana)	8
<u>Metis japonica</u> (Edwards)	8
<u>E. jousseamei</u> (Richard)	8, 9

B. CIRRIPIEDIA

<u>Balanus amphitrite</u> Darwin	2, 8, 9
<u>B. calidus</u>	12
<u>B. eburneus</u> Gould	2, 8, 9, 12
<u>B. improvisus</u> Darwin	2
<u>Chelonibia testudinaria</u>	13
<u>Chthamalus fragilis</u> Darwin	2, 12
<u>Lepas anatifera</u> Linnaeus	2, 13
<u>L. anserifera</u> Linnaeus	2
<u>L. pectinata</u> Spengler	2
<u>Loxocephalus texanus</u> Baschman	13
<u>Octolasmus hocki</u>	12
<u>O. mulleri</u> Coker	12
<u>Stomatolepas pregustator</u>	13

C. MALACOSTRACA

1. Isopoda

<u>Anicinus</u> sp.	2
<u>Ligyda exotica</u> (Roux)	2, 12
<u>Nerocila acuminata</u> Schioed and Meinert	9
<u>Sphaeroma quadridentatum</u> Say	2

2. Amphipoda

<u>Amphithoe valida</u> Smith	12
<u>Corrella acutifrons</u> Latreille	2
<u>G.</u> sp.	2
<u>Carinogammarus micronatus</u> (Say)	2
<u>Corophium acherusicum</u> Costa	12
<u>C. louisianum</u> Shoemaker	9, 12
<u>Elaeopus pocillimenus</u> (Bate)	12
<u>Gammarus micronatus</u> (Say)	8, 9
<u>Grandierella honnierioides</u> K. Stephensen	9
<u>Grubia compta</u> (Smith)	12
<u>Jassa marmorata</u> Holmes	12
<u>Orchestia erillus</u> (Bosc)	12
<u>C. platensis</u> Kroyer	2
<u>Prodocerus brasiliensis</u>	9, 12

<u>Species</u>	<u>Reference</u>
3. Stomatopoda	
<u>Lysiosquilla excavitrix</u> Brooks	7
<u>L. scabricauda</u> Lamarck	7, 13
<u>Squilla emusa</u> Say	1, 2, 7, 13
4. Decapoda	
a. NATANTIA	
<u>Acetes carolinae</u> Hanson	12, 13
<u>Angasia carolinensis</u> (Kingsley)	13
<u>Crangon heterochaelis</u> (Say)	2, 9, 11, 13
<u>C. packardii</u> (Kingsley)	13
<u>Hippolyte pleuracantha</u> (Stimpson)	13
<u>Hippolytina wurdemanni</u> Stimpson	12, 13
<u>Latreutes fucorum</u> (Fabr.)	2, 13
<u>L. gibberosus</u> (Kingsley)	12
<u>L. parvulus</u> (Stimpson)	9, 13
<u>Leander tenuicornis</u> (Say)	12, 13
<u>Lucifer faxoni</u> (Borradaile)	12, 13
<u>Macrobrachium acanthurus</u>	13
<u>M. jelaski</u> (Miers)	13
<u>M. ohione</u> (Smith)	1, 2, 13
<u>M. olfersi</u> (Wiegmann)	13
<u>Neopontonides beaufortensis</u> (Borradaile)	13
<u>Palaemon floridanus</u> Chace	13
<u>Palaemonetes intermedius</u> (Holthius)	9, 13
<u>P. purlo</u> Holthius	9, 13
<u>P. sp.</u>	11
<u>P. vulgaris</u> (Say)	1, 9, 13
<u>Penaeus aztecus</u> Ives	1, 2, 7, 8, 9, 13
<u>P. duorarum</u> Burkenroad	1, 7, 9, 13
<u>P. setiferus</u> (Linnaeus)	1, 2, 7, 8, 9, 13
<u>Periclimenes longicaudatus</u> (Stimpson)	13
<u>Scyllarides aequinoctialis</u> (Lund)	13
<u>Sicyonia brevirostris</u> Stimpson	12, 13
<u>S. dorsalis</u> (Kingsley)	1, 7, 13
<u>S. typica</u> (Boeck)	7
<u>Solenccera vioscai</u> Burkenroad	13
<u>Synalpheus tritzmulleri</u> Courtiere	12
<u>Tazema carolinensis</u> Kingsley	12
<u>Trachypeneus constrictus</u> (Stimpson)	1, 12
<u>T. similis</u> Smith	7, 12, 13
<u>Xiphopenus kroyeri</u> (Heller)	1, 2, 7, 13

SpeciesReference

b. REPTANTIA

. Anomura

<u>Albunea gibbesi</u> Stimpson <i>flattened carapace + exposed legs</i>	12
<u>Callinassa jamaicense</u> Schmitt	13
<u>C. major</u> Say	12
<u>Clibanarius vittatus</u> (Bosc)	1, 2, 7, 13
<u>Emerita portoricensis</u> Schmitt <i>Hippidae - mole crab</i>	13
<u>Isocheles wurdemanni</u> Stimpson	12
<u>Lepidopa scutellata</u> (Desmarest)	13
<u>Pagurus floridanus</u> (Benedict)	1, 2, 12, 13
<u>P. impressus</u> (Benedict)	12
<u>P. longicarpus</u> Say	2, 12
<u>Porcellana sayana</u> (Leach)	7, 12, 13
<u>P. striata</u>	12
<u>Upogebia affinis</u> (Say)	13

2. Brachyura

<u>Aconthonyx petiverii</u> M. Edwards	12, 13
<u>Arenaeus cribrarius</u> (Lamarck)	1, 2, 13
<u>Calappa springeri</u> Rathbun	1, 7, 13
<u>Callinectes danae</u> Smith <i>Blue crabs relative</i>	1, 2, 7, 9, 12, 13
<u>C. exasperatus</u> (Gerstaecker)	1
<u>C. ornatus</u> Ordway	12
<u>C. sapidus</u> Rathbun <i>blue crab</i>	1, 2, 7, 8, 9, 11, 13
<u>Cardisoma guanhumi</u> Latreille	13
<u>Chasmocorcinus obliquus</u> Rathbun	12
<u>Cronius ruber</u> (Lamarck)	13
<u>Dardanus insignis</u> (Saussure)	12
<u>Dromidia antillensis</u> Stimpson	13
<u>Eurypanopeus abbreviatus</u> (Stimpson)	13
<u>E. depressus</u> (Smith)	12, 13
<u>Goniopsis cruentata</u> (Latreille)	13
<u>Hepatus epheliticus</u> (Linnaeus)	1, 7, 13
<u>H. princeps</u> (Herbet)	13
<u>Heterocrypta granulata</u> (Gibbes)	11, 12
<u>Hexapanopeus angustifrons</u> (Benedict and Rathbun)	12, 13
<u>H. paulensis</u> Rathbun	12
<u>Leiolambrus nitidus</u> Rathbun	7, 13
<u>Libinia dubia</u> H. Milne Edwards	12, 13
<u>L. emarginata</u> (Leach)	1, 7, 11, 12, 13
<u>Menippe mercenaria</u> (Say) <i>stone crab</i>	1, 2, 7, 9, 11, 13
<u>Metaporhaphis calcarata</u> (Say)	13

Gecarcinus quadratus Saussure

<u>Species</u>	<u>Reference</u>
<u>Neopanope packordii</u> (Kingsley)	12
<u>N. texana</u> Stimpson	9, 11, 12, 13
<u>Ocypode albicans</u> Bosc - <i>Ghost crab</i>	2, 13
<u>Ovalipes guadalupensis</u> (Saussure)	11
<u>O. ocellatus</u> (de Saussure)	1, 2, 7, 12
<u>Pachygrapsus transversus</u> (Gibbes)	2, 12, 13
<u>Panopeus herbsti</u> H. Milne Edwards	13
<u>Panoplax depressa</u> Stimpson	13
<u>Persephona crinita</u> Rathbun	7, 12, 13
<u>P. punctata</u> Rathbun	7, 13
<u>Petrolisthes armatus</u> (Gibbes) <i>porcelain crab</i>	2, 11, 12, 13
<u>Petrochirus bahamensis</u> (Herbst)	1, 2, 7, 13
<u>Pilumnus dasypodus</u> Kingsley	13
<u>P. floridanus</u>	12
<u>P. pannosus</u> Rathbun	12, 13
<u>P. savi</u> Rathbun	12
<u>Pinnixa cristata</u> Rathbun	12
<u>Pinnotheres ostreum</u> Say	12
<u>Plagusia depressa</u> (Fabricus)	13
<u>Podochela sydneyi</u> Rathbun	7, 12, 13
<u>Portunus gibbesii</u> (Stimpson)	1, 2, 7, 11, 12, 13
<u>P. savi</u> (Gibbes)	13
<u>P. spinicarpus</u> (Stimpson)	7, 13
<u>P. spinimanus</u> Latreille	7, 12, 13
<u>P. ventralis</u> (A. Milne Edwards)	12
<u>Raninoides louisianensis</u> Rathbun	13
<u>Rarithropanopeus harrisi</u> (Gould)	12, 13
<u>Sesarma cinereum</u> (Bosc)	12, 13
<u>S. reticulatum</u> (Say)	12, 13
<u>Stenocionops furcata</u> (Oliver)	7, 13
<u>S. spinosissima</u> (deSaussure)	7, 13
<u>Stenorhynchus seticornis</u> (Herbst)	7, 13
<u>Uca minax</u> (Leconte)	2, 12
<u>U. morax</u> (Smith)	12, 13
<u>U. pugilator</u> (Bosc)	2, 9, 12, 13
<u>U. rugax</u> (Smith)	12, 13
<u>U. spinicarpa</u> (Smith)	12, 13
<u>U. subcylindrica</u> (Stimpson)	13

PHYLUM ECHINODERMATA

Asteroidea

<u>Asteromeyenia plumosa</u> (Walther)	12
<u>Astropecten articulatus</u> (Say)	1, 4, 12
<u>A. antillensis</u> Lutken	2, 7, 13
<u>A. cingulatus</u> Sladen	7
<u>A. duplicatus</u> Gray	1
<u>A. marginatus</u> Gray	4
<u>Echinaster echinophorus</u> Lamarck	7
<u>Luidia alternata</u> (Say)	7, 11, 12
<u>L. clathrata</u> (Say)	7, 11, 13
<u>Tethyaster magnificus</u> Verrill	7

<u>Species</u>	<u>Reference</u>
<u>Echinoidea</u>	
<u>Arbacia punctulata</u> (Lamarck)	2, 11, 13
✓ <u>Echinometra lucunter</u>	13
✓ <u>Lytechinus variegatus</u> (Leske)	2, 11
✓ <u>Mellita quinquesperforata</u> (Leske) — Sand dollar	1, 4, 7, 11, 13
<u>Moiria atropos</u> (Lamarck) sea urchin	13
<u>Ophiuroidea</u>	
<u>Amphiodia limbata</u> (Grube)	11, 12
<u>Hemipholis elongata</u> (Say)	2, 11, 12, 13
<u>Membranipora tuberculata</u> (Bosc)	12
<u>Ophiactis savignyi</u> (Müller and Troschel)	2
<u>Ophiocoma echinata</u> (Lamarck)	12
<u>Ophiolepis elegans</u> Lutken	7, 11, 13
<u>Ophiotrix angulata</u> (Say)	11, 12, 13
<u>Holothuroidea</u>	
<u>Molpadia cubana</u> Deichmann	7, 13
<u>Stichopus badionotus</u> Selenka	7, 13
<u>Thyonacta sabanillensis</u> Deichmann	13
<u>Thyone briareus</u> (LeSueur)	13
<u>T. mexicana</u> Deichmann	11
PHYLUM CHORDATA Protochordata	
<u>Cephalochordata</u>	
<u>Branchiostoma caribaeum</u> Sundevall	14
<u>Tunicata</u>	
<u>Molgula manhatlensis</u> (DeKay)	2, 13
<u>Styela partita</u> (Stimpson)	2, 7
<u>S. plicata</u> (LeSueur)	2, 7, 13