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A CATALOGUE

OF THE

SHELL BEARING

MOLLUSCA OF RHODE ISLAND.

BY

Francis
HORACE F. CARPENTER,



Member of Boston Society of Natural History and
Providence Franklin Society.

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THIS CATALOGUE is a supplement to a series of papers on the Conchology of Rhode Island, read from time to time during the past two years before the Providence Franklin Society, and published in the Central Falls "Weekly Visitor." Being descriptions of all the Shells found or liable to be found within the limits of the State, and represented in the Cabinet of the Franklin Society by a collection of Shells classified and arranged as follows:

PART FIRST.—THE TERRESTRIAL MOLLUSCA.

The Terrestrial Mollusca of Rhode Island all belong to the Class Gasteropoda, Sub-Class Pulmonifera, Order Pulmonata, and consist of 2 Sub-Orders, 5 Families, 4 Sub-Families, 20 Genera, and 36 Species, viz.:

Sub-Order.	Family.	Sub-Family.	Genera.	Species.	
Geophila...	Helicidæ		Mesodon.....	alternata, Say.	
			Anguispira.....	albolabris, Say. thyroides, Say.	
	Vitrinidæ	Helicellinæ	Vitrininae.....	None.	
			Hyalina.....	arborea, Say. Binneyana, Morse. cellaria, Muller.	
			Pseudohyalina.....	exigua, Stimp. indentata, Say.	
			Striatura.....	milium, Morse. minuscula, Binney.	
	Succinidæ	Valloninae	Conulus.....	chersina, Say.	
			Vallonia.....	minuta, Say.	
			Helicodiscus.....	lineata, Say.	
			Patula.....	striatella, Anthony.	
Strobila.....			labyrinthica, Say.		
Pupidæ		Punctum.....	minutissimum, Lea.		
		Succinea.....	avara, Say. Totteniana, Lea.		
		Brachyspira.....	ovalis, Gould.		
		Zua.....	lubricoides, Stimp.		
		Pupilla.....	pentodon, Say.		
		Leucochila.....	armifera, Say. contracta, Say. corticarica, Say.		
Limnophila. Auriculidæ	Auriculinae		fallax, Say. rupicola, Say.		
			Bollesiana, Morse. Gouldii, Binney. milium, Gld. ovata, Say.		
		Isthmia.....	simplex, Gld. ventricosa, Morse.		
Limnophila. Melampinæ	Melampinæ	Alexia.....	myosotis, Draparnaud.		
		Carychium.....	exiguum, Say.		
Thalassophila		Melampus.....	bidentatus, Say.		
			None.		





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PART SECOND.—THE FLUVIATILE MOLLUSCA.

THE FLUVIATILE MOLLUSCA of Rhode Island, consist of two classes, containing 2 Sub-Classes, 3 Orders, 2 Sub-Orders, 9 Families, 4 Sub-Families, 21 Genera, and 39 Species, namely:

Class Gasteropoda, Sub-Class Pulmonifera. Order Pulmonata.

Sub-Order.	Family.	Sub-Family.	Genera.	Species.
Limnophila.	Limnæidæ . . .	Limnæinæ . . .	{ Limnophysa . . . desidiōsa, <i>Say.</i> elodes, <i>Say.</i> humilis, <i>Say.</i> { Neristoma columella, <i>Say.</i> (var chalybea, <i>Gld.</i>) macrostoma? <i>Say.</i>	
		Planorbinae . . .	{ Planorbis lentus, <i>Say.</i> { Helisoma bicarinatus, <i>Say.</i> { Planorbella campanulatus, <i>Say.</i> { Menetus exacutus, <i>Say.</i> { Gyraulus { deflectus, <i>Say.</i> & var. virens, <i>Adams.</i> dilatatus, <i>Gould.</i> { hirsutus, <i>Gould.</i> parvus, <i>Say.</i> { Planorbula armigera, <i>Say.</i>	
	Ancylidæ	Ancylus	fuscus, <i>Adams.</i> parallelus, <i>Hald.</i>	
	Physidæ	Physinæ	{ Physa ancillaria, <i>Say.</i> heterostropha, <i>Say.</i> { Bulinus elongatus, <i>Say.</i>	

Sub-Class Dioeca. Order Pectinibranchiata.

Tanioglossa.	Valvatidæ	{ Tropidina tricarinata, <i>Say.</i> { Lyogyrus pupoideus, <i>Gld.</i>	
	Viviparidæ	Campeloma	decisa, <i>Say.</i>
	Amnicolidæ	Amnicolinæ	Amnicola limosa, <i>Say.</i>
Pomatiopsidæ	Pomatiopsis	Brownii, <i>H. F. Carpenter.</i>	novem sp.

Class Acephala.

Order.	Family.	Genera.	Species.	
Dimyaria . . .	Corbiculadæ {	Sphærium	partumeium, <i>Say.</i> rhomboideum, <i>Say.</i> securis, <i>Prime.</i> similis, <i>Say.</i>	
		Pisidium	abditum, <i>Hald.</i> variabile, <i>Prime.</i> Virginicum, <i>Bourgn.</i>	
	Unionidæ . . .	{ Unio	complanatus, <i>Solander.</i> nasutus, <i>Say.</i> radiatus, <i>Gmelin.</i> { Alasmodon	marginata, <i>Say.</i> undulata, <i>Say.</i> arcuata, <i>Barnes.</i> { Anodon



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PART THIRD.—THE MARINE MOLLUSCA.

THE MARINE MOLLUSCA of Rhode Island, as considered here, consists of 2 Classes, 3 Sub-Classes, 8 Orders, 6 Sub-Orders, 52 Families, 10 Sub-Families, 89 Genera, and 131 Species, namely:

Class Gasteropoda, Sub-Class Diœca.

Order.	Sub-Order.	Family.	Sub-Family.	Genera.	Species.	
Pectinibranchiata	Toxoglossa	Pleurotomidæ		Clathurella	plicata, Adams.	
				Fasciolaridæ	Fusina	Sipho
	Rhachiglossa	Buccinidæ	Buccinina	Buccinum	undulatum, Moll.	
				Chrysodomina	Fulgur	carica, Gme.
		Nassidæ	Nassinæ	Sycotypus	canaliculatus, Linn.	
				Nassa	vibex, Say.	
		Muricidæ	Muricina	Tritia	trivittata, Say.	
				Ilyanassa	obsoleta, Say.	
		Columbellidæ	Purpurina	Eupleura	caudata, Say.	
				Urosalpinx	cinera, Say.	
		Pectinibranchiata	Littorinidæ	Littorinina	Purpura	lapillus, Linn.
					Astyris	lunata, Say. rosacea, Gld.
	Rissoidæ		Rissoina	Anachis	dissimilis, Stm.	
				Littorinella	avara, Say.	
	Vermetidæ		Vermetus	Littorinella	aculeus, Gld. minuta, Totten.	
Lacuna				neritoidea, Gld. vineta, Mont.		
Cæcidæ	Cæcum		Littorina	palliata, Say. rudis, Don.		
			Vermetus	tenebrosa, Mont.		
Tænioglossa	Cerithiada	Cerithina	Vermetus	radicula, Stimp.		
			Cæcum	pulchellum, Stimp. costatum, Verrill.		
Ptenoglossa	Cerithiopsidæ	Cerithiopsidæ	Bittium	Greenii, Adams. nigrum, Stimp.		
			Triforis	nigrocinctus, Adams.		
Ptenoglossa	Calyptreidæ	Calyptreidæ	Cerithiopsis	Emersonii, Adams. terebralis, Adams.		
			Crucibulum	striatum, Say.		
Ptenoglossa	Naticidæ	Naticidæ	Crepidula	convexa, Say. fornicata, Say.		
			Ianachus	glauca, ? Say.		
Ptenoglossa	Naticidæ	Naticidæ	Natica	unguiformis, Lam.		
			Lunatia	pusilla, Say.		
Ptenoglossa	Naticidæ	Naticidæ	Neverita	heros, Say. triseriata, Say.		
			Mamma	duplicata, Say.		
Ptenoglossa	Ianthinidæ	Ianthinidæ	Mamma	immaculata, Totten.		
			Ianthina	fragilis, Desh.		
Ptenoglossa	Scalariidæ	Scalariidæ	Scalaria	lineata, Say. multistriata, Say.		

Sub-Class Exocephala.

Rhipidoglossa	Scutibranchiata	Trochidæ	Margarita	helicina, O. Fabr. obscura, Couth.
Docoglossa	Proteobranchiata	Acmæidæ	Collisella	alveus, Con. testudinalis, Mull.
Polyplacophora		Chitonidæ	Tonicia	apiculatus, Say. marmoreus, Fabr. ruber, Lowe.

Sub-Class Opisthobranchiata

Tectibranchiata			Actæonidæ	Actæon	puncto-striata, Adams.		
			Bullidæ	Bulla	occulta, Michels. solitaria, Say.		
			Cyllichnidæ	Cyllichna	Cyllichna	alba, Brown. oryza, Totten.	
					Utriculus	canaliculatus, Say.	
			Amphyspiridæ	Amphyspiridæ	Diaphana	debilis, Gld.	
					Eulimidæ	Eulima	oleacea, Kurtz & Stimp.
			Pyramidellidæ	Pyramidellidæ	Pyramidellidæ	Odostomia	bisuturalis, Say. fusca, Ad. semi-nuda, Ad. trifida, Totten.
						Turbonilla	interrupta, Totten. elegans, Verrill.

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Class Acepala.

Order.	Family.	Genera.	Species.
	Pholadidæ.....	{ Pholas.....	costata, <i>Linne.</i> truncata, <i>Say.</i>
		{ Zirphæa.....	crispata, <i>Linne.</i>
	Solenidæ.....	{ Ensatella.....	Americana, <i>Binney.</i>
		{ Tagelus.....	gibbus, <i>Spengl.</i>
	Solecurotidæ.....	{ Mesopleura.....	bidens, <i>Chem.</i>
		{ Siliqua.....	costata, <i>Say.</i>
	Saxicavidæ.....	{ Saxicava.....	rugosa, <i>Penn.</i>
	Myidæ.....	{ Mya.....	arenaria, <i>Linne.</i>
	Corbulidæ.....	{ Corbula.....	contracta, <i>Say.</i>
		{ Neæra.....	pellucida, <i>Stimp.</i>
	Pandoridæ.....	{ Clidiophora.....	trilineata, <i>Say.</i>
		{ Anatina.....	papyracea, <i>Say.</i>
	Anatinidæ.....	{ Lyonsia.....	hyalina, <i>Con.</i>
		{ Periploma.....	Leana, <i>Con.</i>
		{ Thracia.....	Conradi, <i>Couth.</i> truncata, <i>Migh.</i>
	Mactriidæ.....	{ Henimactra.....	solidissima, <i>Chem.</i>
		{ Mulinea.....	lateralis, <i>Say.</i>
	Mesodesmidæ.....	{ Ceronia.....	areolata, <i>Con.</i>
	Amphidesmidæ.....	{ Cumingia.....	tellinoides, <i>Con.</i>
		{ Macoma.....	fusca, <i>Say.</i>
Dimyaria.....	Tellinidæ.....	{ Angulus.....	modestus, <i>Verrill.</i> tenera, <i>Say.</i>
		{ Peronæa.....	tenta, <i>Say.</i>
	Petricolidæ.....	{ Petricola.....	pholadiformis, <i>Say.</i> dactylus? <i>Say.</i>
	Solemyidæ.....	{ Solemya.....	borealis, <i>Totten.</i> velum, <i>Say.</i>
		{ Callista.....	convexa, <i>Say.</i>
	Veneridæ.....	{ Mercenaria.....	mercenaria, <i>Linne.</i> notata, <i>Say.</i>
		{ Gemma.....	gemma, <i>Totten.</i> Manhattensis, <i>Prime.</i>
	Cardiadæ.....	{ Cardium.....	pinnulatum, <i>Con.</i>
		{ Liocardium.....	Mortonii, <i>Con.</i>
	Lucinidæ.....	{ Cyclas.....	dentata, <i>Wood.</i>
		{ Cryptodon.....	Gouldii, <i>Philippi.</i>
	Laseidæ.....	{ Kellia.....	planulata, <i>Stimp.</i>
	Leptonidæ.....	{ Lepton.....	nitida, <i>Verrill.</i> = Verrilli, <i>H. F. Carpenter.</i>
		{ Montacuta.....	elevata, <i>Stimp.</i> Gouldii, <i>Thompson.</i>
	Crassatellidæ.....	{ Gouldia.....	mactræa, <i>Linsley.</i>
		{ Astarte.....	castanea, <i>Say.</i> quadrans, <i>Gould.</i> undata, <i>Gould.</i>
	Carditidæ.....	{ Venericardia.....	borealis, <i>Con.</i>
	Nuculidæ.....	{ Nucula.....	delphinodonta, <i>Migh.</i> proxima, <i>Say.</i>
	Ledidæ.....	{ Yoldia.....	limatula, <i>Say.</i> sapotila, <i>Gld.</i>
		{ Argina.....	pexata, <i>Say.</i>
	Arcidæ.....	{ Scapharca.....	transversa, <i>Say.</i>
		{ Mytilus.....	edulis, <i>Linne.</i> , and var. pellucidus, <i>Penn.</i>
Heteromyaria.....	Mytillidæ.....	{ Modiola.....	hamatus, <i>Say.</i> modiolus, <i>Linne.</i> plicatula, <i>Lam.</i>
		{ Modiolaria.....	discors, <i>Linne.</i>
		{ Crenella.....	glandula, <i>Totten.</i>
Monomyaria.....	{ Ostræidæ.....	Ostrea.....	borealis, <i>Lam.</i> Virginica, <i>Lister.</i>
	{ Anomiadæ.....	Anomia.....	aculeata, <i>Gme.</i> glabra, <i>Verrill.</i>
	{ Pectinidæ.....	Pecten.....	fuscus, <i>Linsley.</i> Islandicus, <i>Mull.</i> irradians, <i>Lam.</i> tenui-costatus, <i>Migh.</i>



