Hempstead, N. York American School (10/2)

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MUSEUM OF COMPARATIVE ZOOLOGY.

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Entered March 29, 1901.

MUSEUM OF
COMPARATIVE
ZOOLOGY
MASS
1890

CATALOGUE

OF

NORTH AMERICAN SHELLS

LIBRARY
MUS. COMP. ZOOLOGY
CAMBRIDGE, MASS.

COLLECTED AND FOR SALE BY

HENRY HEMPHILL,

SAN DIEGO,

CALIFORNIA,

U. S. A.

1890.

NOTE.

The following list of shells is made from my own personal collections, which probably embraces the largest number and best series of American shells that has ever been offered to the student for close scientific study. The large number of varieties offered add very much to the value of the series, but it must be understood that some of them do not represent very great differences from the preceding or the following variety or specie. The object being to show their relations to one another by a closely graded series of intermediate forms. In some instances I have not been able to do this, yet for the most part they are so arranged that their relationship can be easily inferred.

I have reduced many of the so-called species to varieties and am convinced that very many more should be treated in the same manner. Some conchologists may differ from me in this particular, but while I esteem their opinions highly I must be true to my own convictions and trust to further study to prove the truth of my position.

Next to the objects themselves I regard variation as the most instructive and important part of the study of conchology, and when the student has become fairly familiar with it, he will find it possesses a charm rarely found in other fields of investigation. The Land Shells are largely arranged in groups, as suggested by the form and sculpturing of the shells, and I have placed at the head of each group the species that seem to be the progenitor of those that follow.

In this arrangement of the land shells, very little attention has been given to genera or subgenera as I think it best to follow nature wherever she leads rather than to follow altogether the vagaries of systematists and parlor students. This arrangement may also serve, not only to attract attention to the relations existing between the individuals of each group, but to the necessity of some more natural classification of these interesting little animals. I am strongly impressed that no system of classification can be devised that will be acceptable to a majority of Naturalists until the laws of variation are more thoroughly understood, for they are the key to the system.

The nomenclature has been brought down to the latest date, and every effort has been made to make the series as scientifically correct as possible, and especial attention is invited to the fact that all the shells listed on the following pages have been collected by myself personally, and have not been picked up by travellers, or bought from irresponsible persons, so that the localities given with each specie or variety can be relied upon as strictly correct.

HENRY HEMPHILL.

HEMPHILL'S CATALOGUE

OF

North American Shells

CLASS CEPHALOPODA.

FAMILY OCTOPODIDÆ.

GENUS OCTOPUS.

1	O. punctatus, Gabb., California.....	\$1 50
2	O. " young and eggs	1 00

FAMILY SPIRULIDÆ.

3	S. Peroni, Lam. Florida	25

CLASS GASTROPODA.

FAMILY MURICIDÆ.

GENUS MUREX.

Subgenus Chicoreus.

4	M. rufus, Lam. Florida	25

Subgenus Phyllonotus.

5	M. Pomum, Gmel. Florida.....	25

Subgenus Pteronotus.

6	M. festivus, Hds. California.....	20
7	M. Californicus, Hds. Lower Cal....	25
8	M. trialatus, Sowb. "	50

GENUS CEROSTOMA.

9	C. foliatum, Gmel. California	
10	C. Nuttalli, Conr. California.....	20
11	C. " var. broad banded.....	20
12	C. " var. narrow white	20
13	C. " var. " banded.....	20
14	C. " var. " dark	20
15	C. " var. monoceros. Low. Cal..	25

GENUS EUPLEURA.

16	E. caudata, Say. Florida.....	10
17	E. " var. darker	10

GENUS OCINEBRA.

18	O. incisus, Brod. California	25
19	O. alveatus, Kiener. Florida.....	15
20	O. nuceus, Morch. Florida.....	15
21	O. Poulsonii, Nutt. California.....	15
22	O. lurida, Midd. California.....	10
23	O. " var. "	10
24	O. " var. "	10
25	O. " var. "	10
26	O. " var. "	10
27	O. circumtexta, Stearns. California...	10
28	O. " var. "	10
29	O. interfossa, Cpr. California	10
30	O. " var. "	10
31	O. " var. "	10
32	O. gracillima, Stearns. California.....	10
33	O. " var. "	10

GENUS MURICIDÆ.

34	M. multangula, Philippi. Florida.....	\$0 15
35	M. Floridana, Conr. Florida.....	10
36	M. " var. "	10

GENUS UROSALPINX.

37	U. cinereus, Say. Florida	10
38	U. perrugatus, Conr. "	
39	U. " small. "	
40	U. Tampaensis, Conr. "	10
41	U. " var. "	10

FAMILY PURPURIDÆ.

GENUS PURPURA.

42	P. deltoidea, Lam. Florida.....	15
43	P. hæmastoma, Linn. Lower Cal. ...	25
44	P. " var. smooth. "	25
45	P. " var. undata, Lam. Fla....	15
46	P. " var. Floridana, Conr. Fla.	15

Crispy-foliated forms.

47	P. crispata, Chem., dark. Puget Sound.	25
48	P. " var. banded, "	25
49	P. " var. white. "	25

Foliations becoming obsolete.

50	P. crispata, var. chocolate. Cal.....	15
51	P. " var. lemon-color. Cal....	15

Smooth forms.

52	P. crispata, var. banded. Puget Sound.	15
53	P. " var. white. "	15
54	P. " var. septentrionalis. Rve. Cal.	15
55	P. " var. " Dark. Cal.	15
56	P. " var. " Banded Cal.	15
57	P. lima, Martyn, dark. Cal.....	15
58	P. " var. white. Cal.....	15
59	P. " var. small. "	15
60	P. " var. canaliculata, Ducl. Cal.	
61	P. Saxicola, Val. large. California...	15
62	P. " var. "	15
63	P. " var. Puget Sound.....	10
64	P. " var. black. Puget Sound	10
65	P. " var. narrow. "	10
66	P. " var. banded. "	10
67	P. " var. reddish. California.	10
68	P. " var. Scaly sculpture. Cal.	10
69	P. " var. very small. Cal.....	5
70	P. " var. ostrina, Gld. Cal....	5
71	P. " var. " chocolate	5
72	P. " var. " reddish	5
73	P. " var. " banded	5
74	P. " var. " variable	5
75	P. " var. " white	5

GENUS SISTRUM.

76	S. nodulosum, C. B. Ad. Florida.....	5
77	S. ferrugineum, Rve. Lower Cal.....	10

GENUS MONOCEROS.

78 M.	lugubre, Sowb. large.,	Lower Cal.	\$o 20
79 M.	"	var. stumpy.	" 20
80 M.	"	var. small.	" 10
81 M.	"	var.	" 15
82 M.	"	var.	" 15
83 M.	engonatum, Conr.	Cal. & L. Cal.	10
84 M.	"	var. Lower Cal	10
85 M.	"	var. intermediate	5
86 M.	"	var. spiratum, Blainv	10
87 M.	"	var.	5
88 M.	"	var. small	5
89 M.	engonatum, var. lapilloides.	Conr.	10

90 M.	engonatum, var. lapilloides, glo-bose.	Lower California.	10
91 M.	engonatum, var. paucilirata	Stearns. Cal.	15
92 M.	engonatum, var. paucilirata, typi-cal,	Cal.	15

GENUS CHORUS.

93 C.	Belcheri, Hds.	California	75
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FAMILY TRITONIDÆ.

GENUS TRITON.

94 T.	femorale, Linn.		
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GENUS RANELLA.

95 R.	Californica.	California.	25
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FAMILY FUSIDÆ.

GENUS FUSUS.

96 F.	Kobelti, Dall.	California.	
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SUBFAMILY FASCIOLARIINÆ.

GENUS FASCIOLARIA.

97 F.	tulipa, Linn.	Florida	25
98 F.	"	var.	25
99 F.	distans, Lam.	"	25
100 F.	"	var.	25
101 F.	gigantea, Kiener.	"	1 35
102 F.	"	var. like princeps, Fla.	1 50

GENUS LATIRUS.

103 L.	Coyhuesonicus, Sowb.	Florida	50
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GENUS LEUCOZONIA.

104 L.	cingulifera, Lam.	Florida.	20
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FAMILY BUCCINIDÆ.

GENUS MELONGENA.

105 M.	corona, Gmel.	incurved spines. Fla.	50
106 M.	"	var. double row of spines.	50
107 M.	"	var. Florida.	50

GENUS FULGAR.

108 F.	perversus, Linn.,	very large. Fla.	1 00
109 F.	"	var. Fla.	1 00
110 F.	pyrum, Dillw.	"	25

GENUS EUTHRIA.

111 E.	dira, Rve.	California.	10
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GENUS CANTHARUS.

112	Cantharus, tincta.	Conr.	Florida.	15
113	"	var.	"	15
114	"	var.	"	15
115	"	var.	"	15
116	"	var.	"	15
117	"	var.	"	15

118	Cantharus elegans, Gray.	Lower Cal.	\$o 25
119	"	lugubis, C. B. Ad.	" 25
120	"	cancellaria, Conr.	"

GENUS MACRON.

121 M.	æthiops, Rve.	deep grooves.	L. Cal.	50
122 M.	Kelletti, Fbs.	smooth.	Lower Cal.	50
123 M.	lividus, A. Ad.	Cal. & Lower Cal.		10

GENUS PHOS.

124 P.	parvus, C. B. Ad.	Florida	20
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FAMILY NASSIDÆ.

GENUS NASSA.

125	N.	vibex, Say., large.	Florida.....	5
126	N.	" var. medium.	"	5
127	N.	" var. small.	"	5
128	N.	" var. dark.	"	5
129	N.	" var. white.	"	5
130	N.	" var. " small.	"	5
131	N.	" var. tegula, Rve.	Cal.	5
132	N.	" var. " medium.	"	5
133	N.	" var. " small.	"	5
134	N.	ambigua, Mont.	Florida.....	10
135	N.	" var.	"	15
136	N.	fossata, Gld. large.	California.....	15
137	N.	" var. small.	"	15
138	N.	perpinguis, Hds.	"	15
139	N.	mendica, Gld.	"	10
140	N.	" var. Cooperi, Cpr.	Cal....	10
141	N.	obsoleta, Say.	Florida.....	5

FAMILY TURBINELLIDÆ.

GENUS VASUM.

142 V.	muricatum, Born.	Florida.	50
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FAMILY MITRIDÆ.

GENUS MITRA.

143 M.	maura, Swains.	Lower Cal.	25
144 M.	microzonias, Lam.	Florida.	15
145 M.	Floridana, Dall.	"	25
146 M.	albocinctus, C. B. Ad.	"	15
147 M.	Hanleyi, Dohn.	"	15

FAMILY MARGINELLIDÆ.

GENUS ERATO.

148 E.	vitellina, Hds.	California	25
149 E.	Columbella, Mke.	"	25

GENUS MARGINELLA.

150	M. opalina, Stearns.	Florida.....	25
151	M. aureocincta, "	"	25
152	M. carnea, Storer.	"	25
153	M. apicina, Mke,	"	5
154	M. " var.	"	5
155	M. " var. virginea Jouss.	Fla..	10
156	M. Jewetti, Cpr.	California.....	5
157	M. regularis, Cpr.	"	5
158	M. " var.	"	5
159	M. minuta, Pfr.	Florida	5
160	M. lacrimula, Gld.	"	5
161	M. pyriformis, Cpr.	California.....	5

Subgenus Persecula.

162 M.	Sagatata, Hds.	Florida.	10
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Subgenus Volvaria.

163 M.	succinea, Conr.	Florida.	5
164 M.	"	var.	5
165 M.	varia, Shy.	California.	5

FAMILY OLIVIDÆ.

GENUS OLIVELLA.

166 O. mutica, say. Florida.....	\$0 05
167 O. " var. "	5
168 O. " var. "	5
169 O. jaspidea, Gmel. "	15
170 O. floralia, Duclos. "	10
171 O. boetica, Cpr. California	5
172 O. " var. "	5

GENUS OLIVA.

173 O. arenosa, var. Lam. Lower Cal. ..	25
174 O. litterata, Lam. Florida	20

Subgenus Callinax.

175 O. biplicata, Sby. California	5
176 O. " var. "	5
177 O. " var. "	5

FAMILY COLUMBELLIDÆ.

GENUS COLUMBELLA.

178 C. fuscata, Sowb. Lower California...	10
179 C. mercatoria, Linn. Florida.....	5
180 C. " var. "	5
181 C. " var. "	5
182 C. " var. "	5
183 C. rustica, Linn. "	5
184 C. " var. "	5
185 C. humerosa, Cpr. Lower California	5

Section Alia.

186 C. carinata, Hds. California.....	5
187 C. " var. Hindsii, Rve	5
188 C. " var. gausapata, Gld	5
189 C. " var. California, Cpr	5
190 C. " var. Gouldii, Cpr.	5
191 C. " var. "	5
192 C. " var. "	6

Section Mitrella.

193 C. cribraria, Lam. Florida.....	5
194 C. " var. small. Florida.....	5
195 C. cervinetti, Cpr. Lower California	5
196 C. lunata, Say. Florida.....	5
197 C. aurantiaca, Dall. California.....	5
198 C. tuberosa, Cpr. "	5
199 C. " var. "	5
200 C. chrysalloidea, Cpr. "	10

Section Anachis.

201 C. coronata, Sowb. Lower California	5
202 C. acuta, Stearns. Fla.....	5
203 C. avara, Say. Fla.....	5
204 C. " var. semiplicata, Stearns. Fla..	5
205 C. ornatus, Lam. Fla.....	5
206 C. " var. "	5
207 C. " var. "	5
208 C. pulchella, Kiener. Fla.....	5
209 C. " var. Florida	5
210 C. " var. "	5
211 C. " var. "	5

Section Seminella.

212 C. pulchrior, A. Ad. Lower Cal	5
213 C. tincta, Cpr. Lower Cal.....	5
214 C. Gaskoini, Cpr. "	4
215 C. ostreicola, Melville. Fla	5
216 C. penicillata, Cpr. Cal.....	5
217 C. subturrita, Cpr. "	10

GENUS EOSOPUS.

218 E. Hemphilli, Stearns. Lower Cal ...	20
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GENUS ENGINA.

219 E. turbinella, Kiener. Fla.....	\$0 15
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GENUS AMPHISSA.

220 A. corrugata, Rve. Cal.....	5
221 A. " var. versicolor, Dall. Cal	5
222 A. " var. "	5
223 A. " var. "	5
224 A. " var. "	5
225 A. " var. undata? Cpr. "	5

FAMILY CONIDÆ.

GENUS CONUS.

226 C. Californicus, Hds. California	10
227 C. verrucosus, Hwass. Florida	10
228 C. proteus, Hwass. "	50
229 C. Floridanus, Gabb. "	
230 C. Pealei, Green. "	10

FAMILY PLEUROTOMIDÆ.

GENUS DRILLIA.

231 D. inermis, Hds. California.....	15
232 D. penicillata, Cpr.....	15
233 D. " var. California	10
234 D. maesta, Cpr. Lower "	15
235 D. " var. "	15
236 D. ostrearum, Stearns. Florida.....	15
237 D. " var. "	15
238 D. leucocyma, Dall. "	15
239 D. " var. "	15
240 D. albonodata, Rve. "	25
241 D. thea, Dall. "	25
242 D. " var. "	25
243 D. pudica, Hds. Lower California ...	25
244 D. Hemphilli, Stearns. "	25

GENUS MANGILIA.

245 M. balteata, Rve. Florida.....	10
246 M. biconica, C. B. Ad. "	10
247 M. plicosa, C. B. Ad. "	10
248 M. stellata, Stearns. "	10
249 M. " var. filosa. "	10
250 M. atrostyla, Dall. "	10
251 M. limonitella, Dall. "	10
252 M. cerinella, Dall. "	10
253 M. melanitica, Dall. "	25
254 M. merita, Gld. California.....	10

Section Cithara.

255 M. neglecta, A. Ad. Lower California	15
256 M. angulata, Cpr. "	15
257 M. densistriata, Cpr. "	15

GENUS CLATHURELLA.

258 C. sculpta, Cpr. Lower California ...	15
259 C. plicosa, C. B. Ad. Florida.....	5

FAMILY TEREBRIDÆ.

GENUS TEREBRA.

260 T. dislocatus, Say. Florida.....	5
261 T. " var. "	5
262 T. " var. "	5
263 T. concavus, Say. "	5
264 T. " var. vinoso, Dall. Florida	5
265 T. protectus, Conr. Florida.....	5
266 T. " var. lutescens, Dall.....	5
267 T. simplex, Cpr. California	5
268 T. " var. "	5
369 T. albocincta, Cpr. "	5
270 T. " var. "	5
271 T. " var. "	5

FAMILY CANCELLARIIDÆ.

GENUS CANCELLARIA.

- 272 *C. reticulata*, Linn. Florida..... ..

FAMILY STROMBIDÆ.

- 273 *S. gigas*, Linn. Florida..... ..
 274 *S. bituberculatus*, Linn. Florida 25
 275 *S.* " var. *small*. " 55
 276 *S. pugilis* var. *alatus*, Gmel. " 25
 277 *S.* " var. *nodules obsolete*. Fla.. 25

FAMILY CYPREIDÆ.

GENUS CYPREÆA.

- 278 *C. exanthema*, Linn. Florida..... ..
 279 *C. cervus*, Linn. "
 280 *C. spadicea*, Gray. California..... 75
 281 *C. sowerbyi*, " Lower Cal 50
 282 *C. cinerea*, Linn. Florida 50

GENUS TRIVIA.

- 283 *T. solandri*, Gray, Lower California... 15
 284 *T.* " var. " 15
 285 *T. Californica*, Gray. California 15
 286 *T. quadripunctata*, Gray, Florida..... 10

FAMILY OVULIDÆ

GENUS OVULA.

Subgenus Cyphoma.

- 287 *O. gibbosa*, Linn. Florida..... .. 50

Subgenus Neosimnia.

- 288 *O. variabilis*, C. B. Ad. Lower Cal..... 25

FAMILY DOLIIDÆ.

GENUS PYRULA.

- 289 *P. papyratia*, Say. Florida..... .. 35

FAMILY NATICIDÆ.

GENUS NATICA.

- 290 *N. canrena*, Linn. Florida..... .. 20
 291 *N.* " var. " 20
 292 *N. morochiensis*, Gmel. Lower Cal... 20
 293 *N. sp.* small, Florida..... .. 20

Subgenus Neverita.

- 294 *N. duplicata*, Say, Florida..... .. 20
 295 *N. Recluziana*, Petit, California..... 20

Section Lunatia.

- 296 *N. Lewisii*, Gld. Puget Sound 50

Section Mamma.

- 297 *M. uber*, Val. Lower California..... 20

GENUS SIGARITUS.

- 298 *S. perspectivus*, Say, Florida..... .. 10

GENUS LAMELLARIA.

- 299 *L. Diegoensis*, Dall. California..... 20
 300 *L. Stearnsii*, Dall. " 20

GENUS VELUTINA.

- 301 *V. lævigata*, Linn. California..... .. 20

FAMILY CALYPTRÆIDÆ.

GENUS CRUCIBULUM.

- 302 *C. scutellatum*, Gray, Lower Cal..... 10
 303 *C.* " var. *tubiferum*, Linn. L. C. 10
 304 *C.* " var. " 5
 305 *C.* " var. " 5

GENUS CALYPTRÆA.

- 306 *C. candearia*, D'Orb. Florida..... .. 10

GENUS CREPIDULA.

- 307 *C. fornicata*, Say, Florida 5
 308 *C. onyx*, var. *rugosa*, Nutt. California 5
 309 *C. adunca*, Sowb. " 5
 310 *C. arenosa*, Brod. Lower California... 10
 311 *C. dorsata*, var. *lingulata*, Gld. Cal... 5

Section Janicus.

- 312 *C. unguiformis*, Say, Florida. 5
 313 *C.* " var. *navicelloides*,
 Nutt. California..... .. 5

Section Crypta.

- 314 *C. aculeata*, Gmel. Florida..... .. 5
 315 *C.* " var. " 5
 316 *C.* " var. " 5
 317 *C.* " var. " 5
 318 *C.* " var. *Californica* 10

FAMILY CAPULIDÆ.

GENUS HIPPONYX.

- 319 *H. antiquatus*, Linn. Florida & Cal.. 5
 320 *H. barbatus*, Sowb. Lower Cal..... 5
 321 *H. tumens*, Cpr. California 10

FAMILY VERMETIDÆ.

GENUS VERMETUS.

- 322 *V. aunellum*, Morch. California 15
 323 *V. squamigerus* Cpr. " 15
 324 *V. eburneus*, Rve. Lower " 15
 325 *V. Hindsii*, Gray. " 15
 326 *V. lituella*, Morch. California... .. 15

GENUS VERMICULARIA.

- 327 *V. lumbricalis*, var. *radiculus*, Stimpson
 Florida..... .. 20
 328 *V. lumbricalis*, var. *radiculus*. small... 20
 329 *V.* " var. " white... 20
 330 *V. nigrescens*, Dall. Florida..... 20
 331 *V.* " sp. " 15
 332 *V.* " sp. " 15
 333 *V.* " sp. Cal..... .. 15
 334 *V.* " sp. " 15

FAMILY TURRITELLIDÆ.

GENUS TURRITELLA.

- 335 *T. cooperi*, Cpr. California..... .. 15

Subgenus Mesalia.

- 336 *T. acicula*, Stimpson. Cal..... .. 10

FAMILY CÆCIDÆ.

GENUS CÆCUM.

- 337 *C. glubrum*, Mont. Cal..... ..
 338 *C. glabriformis*, Cpr. "
 339 *C. Orcutti*, Dall. "
 I regard the above as different forms of one species.

Section Annulata.

- 340 *C. Flordanum*, Stimpson. Florida.....
 341 *C. firmatum*, California..... ..
 342 *C. crebricinctum*, Cpr. Cal..... ..
 343 *C. Californica*, Dall. "
 I regard the above as different forms of one species.

Section Costulata.

- 344 *C. vestitum*, var. *inornatum*, De'Folin
 Lower Cal..... .. 20
 345 *C. Cooperi*, Smith, Florida..... .. 10

Subgenus Meiocerus.

- 346 *C. nitidum*, Stimpson. Florida..... 15

FAMILY EULIMIDÆ,

GENUS EULIMA.

347	E. micans, Cpr. California.....	\$0 15
348	E. " var. Lower "	15
349	E. conoidea, Kust and Stimpson: Fla..	15
350	E. subcarinata, D'Orb. Lower Cal.....	20

Subgenus Liostraca.

351	E. rutila, Cpr. Cal.....	25
352	E. Hemphilli, Dall. Fla.....	50
353	E. conica, C. B. Ad. Lower Cal.....	20
354	E. solitaria, C. B. Ad. "	10

FAMILY PYRAMIDELLIDÆ,

GENUS PYRAMIDELLA.

355	P. conica, C. B. Ad. Lower Cal.....	20
356	P. " var. Fla.....	15

GENUS OSCILLA.

357	O. nivea, Morch. Florida.....	20
358	O. insculpta, Cpr. Cal.....	20
359	O. exarata, Cpr. "	25

Subgenus Chrysallida.

360	C. communis, C. B. Ad. Lower Cal...	20
361	C. pumila, Dall. Lower Cal.....	20
362	C. "	

Section Mumiola.

363	C. cincta, Cpr. California.....	15
364	C. amianta, Dall. "	25
365	C. infecta, Cpr. Lower Cal.....	20
366	C. turricula, De'Folin. "	20

FAMILY TURBONILLIDÆ.

GENUS TURBONILLA.

367	T. tenuicula, Gld. California	10
368	T. " var. "	10
369	T. " var. "	10
370	T. aurantiaca, Cpr. Lower Cal	15
371	T. castaneus, Cpr. Cal.....	15
372	T. torquata, Gld. "	15
373	T. interrupta, Totten. Florida.....	15
374	T. " var. "	15
375	T. virga, Dall. "	15
376	T. punicea, Dall. "	15
377	T. " sp. "	15
378	T. " sp. "	15

Subgenus Dunkeria.

379	D. laminata, Cpr. California.....	10
380	D. " var. "	10
381	D. " var. "	10

Subgenus Parthenia.

382	P. cedrosa, Dall. Florida.....	25
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GENUS ODOSTOMIA.

383	O. satura, Cpr. California.....	10
384	O. gravada, Cpr. "	20
385	O. " ? var. "	20
386	O. straminea, Cpr. "	15
387	O. " var. "	15
388	O. acutidens, Dall. Florida.....	15
389	O. conoidea, Cpr. Lower Cal.....	15
390	O. impressa, Say. Fla.....	5
391	O. " var. granatina, Dall. Fla	15

Section Miralda.

392	O. quinquecincta, Cpr. California.....	15
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Section Evalea.

393	O. tenuisculpta, Cpr. Cal.....	15
394	O. " var. incisa, Cpr. Cal	10
395	O. graciliente, Cpr. Cal.....	15

FAMILY IANTHINIDÆ.

GENUS IANTHINA.

396	I. communis, Lam. Fla.....	\$0 20
397	I. globosa, Swains. "	25
398	I. exiguus, Linn. Cal.....	20

FAMILY SCALARIIDÆ.

GENUS SCALARIA.

399	S. hexagona, Sowb. Lower Cal.....	25
400	S. Hindsii, Cpr. California.....	20
401	S. Indianorum, var. tincta, Cpr. Cal...	15
402	S. angulata, Say. Fla.....	20
403	S. multistriata, Say. "	
404	S. subcoronata, Cpr. "	25

Subgenus Opalia.

405	O. crenatoides, Cpr. California.....	20
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FAMILY CERITHIDÆ.

GENUS CERITHIUM.

406	C. uncinatum? Gmel. Florida.....	10
407	C. literatum, Born. "	15
408	C. " var. small "	15
409	C. eburneum, Brug. "	10
410	C. muscarum, Gmel. "	10
411	C. " var. "	10
412	C. " var. "	10
413	C. " var. "	10
414	C. " var. "	10
415	C. " sp. "	10
416	C. interruptum, Mke. Lower California.	10
417	C. " var. "	10
418	C. " var. "	10

GENUS CERITHIDEA.

419	C. Montagnei, D'Orb. Lower Cal.....	20
420	C. Sacrata, Gld. "	10
421	C. " var. albonodosa, Cpr. L.C.	10
422	C. " var. pullata, Gld. Cal.....	10
423	C. " var. "	10
424	C. " var. "	10
425	C. scalariformis, Say. Fla.....	10
426	C. " var. "	10
427	C. " var. "	10
428	C. turrita, Stearns. "	10
429	C. " var. tenuis, Pfr "	10

GENUS BITTIUM.

430	B. filiosum, Gld. California.....	5
431	B. " var. "	5
432	B. " var. "	5
433	B. " var. esuriens, Cpr.....	5
434	B. attenuatum, Cpr. California.....	10
435	B. " var. "	10
436	B. " var. "	10
437	B. " var. "	10
438	B. armillatum, Cpr. "	15
439	B. subplanatum, Cpr. Lower Cal.....	15
440	B. quadrifilatum, Cpr. "	5
441	B. nigrum, Totten. Florida.....	5
442	B. " var. "	5
443	B. " var. "	5
444	B. " var. "	5
445	B. Cerithoides, Dall. Lower Cal.....	15

GENUS CERITHIOPSIS.

446	C. tubercularis, Mont. Cal.....	5
447	C. " var. "	5
448	C. " var. tuberculoides,	
	Cpr. Cal.....	5
449	C. columna, Cpr. Cal.....	10
450	C. subulata, Mont. Florida.....	10
451	C. metaxae, D'Orb. Lower Cal.....	20

GENUS CERITHIOPSIS (Continued).

452	C. Greeni, C. B. Ad.	Florida.....	5
453	C. neglecta, C. B. Ad.	Lower Cal.....	15
454	C. minimus, Bru.	Florida.....	
455	C. sp.	".....	

Section Seila.

456	C. assimilata, C. B. Ad.	Lower Cal.....	10
457	C. terebralis, C. B. Ad.	Florida.....	10

GENUS TRIFORIS.

458	T. nigrocinctus, C. B. Ad.	Florida.....	10
459	T. adversa, Mont.	Lower Cal.....	10
460	T. " var.	".....	10

FAMILY LITTORINIDÆ.

GENUS LITTORINA.

461	L. rudis, var. sitchana, Phil.	A. Puget Sound.....	5
462	L. rudis, var. sitchana, Phil.	B. Puget Sound.....	5
463	L. rudis, var. sitchana, Phil.	C. Puget Sound.....	5
464	L. rudis var. sitchana, Phil.	D. Puget Sound.....	5
465	L. rudis var. sitchana, Phil.	E. Puget Sound.....	5
466	L. rudis, var. sitchana, Phil.	F. Puget Sound.....	5
467	L. rudis, var. sitchana, Phil.	G. Puget Sound.....	5
468	L. rudis, var. sitchana, Phil.	H. Puget Sound.....	5
469	L. rudis var. sitchana, Phil.	I. Puget Sound.....	5

A fine series of colored varieties.

Section Melarapha.

470	L. scabra, Linn.	A. Florida.....	5
471	L. " var. B.	".....	5
472	L. " var. C.	".....	5
473	L. " var. D.	".....	5
474	L. " var. E.	".....	5
475	L. " var. F.	".....	5

A series of colored varieties.

476	L. irrorata, Say.	Florida.....	5
477	L. " var.	".....	10
478	L. varia, Brod.	Lower Cal.....	5
479	L. planaxis, Nutt.	A. California.....	5
480	L. " var. B.	".....	5
481	L. " var. C.	".....	5
482	L. " var. D.	".....	5
483	L. " var. E.	".....	5
484	L. " var. F.	".....	5
385	L. " var. G.	".....	5
486	L. " var. H.	".....	5
487	L. " var. I.	".....	5
488	L. " var. J.	".....	5

Another very fine series of colored varieties.

489	L. ziczac, Chem.	Florida.....	5
490	L. scutulata, Gld.	A. California.....	5
491	L. " var. B.	".....	5
492	L. " var. C.	".....	5
493	L. " var. D.	".....	5
494	L. " var. E.	".....	5
495	L. " var. F.	".....	5
496	L. " var. G.	".....	5
497	L. " var. H.	".....	5
498	L. " var. I.	".....	5
499	L. " var. J.	".....	5

An attractive and interesting series.

GENUS TECTARIUS.

500	T. muricatus, Born.	Fla.....	10
501	T. " var.	".....	10

GENUS MODULUS.

502	M. Floridanus, Conr.	Fla.....	5
503	M. lenticulus, Chem.	".....	10
504	M. " var.	".....	10

GENUS LACUNA.

505	L. unifasciata, Cpr.	California.....	10
506	L. " var. aurantiaca.	Cpr. Cal.....	15
507	L. porrecta, Cpr.	Cal.....	15

FAMILY FOSSARIDÆ.

GENUS ISAPIS.

508	I. fenestrata, Cpr.	California.....	15
509	I. obtusa, Cpr.	".....	15

FAMILY PLANAXIDÆ.

GENUS PLANAXIS.

510	P. lineatus, Da'Costa.	Fla.....	5
511	P. " var.	".....	5
512	P. " var.	".....	5

Subgenus Diala.

513	D. marmorea, Cpr.	Cal.....	10
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FAMILY RISSOIDÆ.

GENUS RISSOA.

Section Cingula.

514	R. minuta, Totten.	Fla.....	5
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Subgenus Alvania.

515	R. acutilirata, Cpr.	Cal.....	15
516	R. Carpenteri, Weink.	".....	10
517	R. sp.	".....	15

GENUS RISSOINA.

518	R. interfossa, Cpr.	Cal.....	15
519	R. " var.	".....	15
520	R. interclathrata, Cpr.	MSS. Cal.....	20
521	R. bryerea, Mont.	Lower Cal.....	15
522	R. pulchra, C. B. Ad.	Florida.....	10
523	R. dubiosa, C. B. Ad.	".....	10
524	R. decussata, Mont.	".....	10
525	R. Browniana, D'Orb.	".....	10
526	R. Chesneli, Mich.	".....	10
527	R. sp.	".....	10

GENUS BARLEEIA.

528	B. subtenuis, Cpr.	Cal.....	5
529	B. " var. rimata.	Cal.....	5
530	B. haliotiphilla, Cpr.	".....	5

FAMILY JEFFREYSIIDÆ.

GENUS JEFFREYSIA.

531	J. alderi, Cpr.	Cal.....	5
532	J. bifasciata, Cpr.	".....	5
533	J. sp.	".....	5

FAMILY ASSIMINIIDÆ.

GENUS ASSIMINEA.

534	A. Auberiana, D'Orb.	Florida.....	10
535	A. concinna, C. B. Ad.	".....	5
536	A. Californica, J. G. Cooper.	Cal.....	5

Subgenus Paludinella.

537	P. Newcombiana, Hemphill.	Cal.....	10
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FAMILY TRUNCATELLIDÆ.

GENUS TRUNCATELLA.

538	T. Californica, Pfr.	Cal.....	5
539	T. Stimpsonii, Stearns.	".....	5

GENUS TRUNCATELLA (Continued).

540	T. bilabiata, Pfr.	Florida.....	5
541	T. pulchella, Pfr.	Fla.....	5
542	T. " var.	".....	5
543	T. caribæensis, Sowb.	Fla.....	5
544	T. " var.	".....	5

FAMILY NERITIDÆ.

GENUS NERITA.

545	N. peloronta, Lam.	Fla.....	10
546	N. " var.	".....	10
547	N. " var.	".....	10
548	N. " var.	".....	10
549	N. tessellata, Gmel.	Florida.....	5
550	N. " var.	".....	5
551	N. versicolor, Lam.	".....	5
552	N. " var.	".....	5
553	N. scabricostata, Lam.	Lower Cal.....	15

GENUS NERITINA.

554	N. reclinata, Say.	Florida.....	5
555	N. virginea, Linn.	".....	5
556	N. " var.	".....	5
557	N. " var.	".....	5
558	N. " var.	".....	5
559	N. viridis, Lam.	".....	15

FAMILY ADEORBIDÆ.

GENUS ADEOBIS.

560	A. supranitidus, var. Orbigneyi, Fisher	Florida.....	15
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FAMILY CYCLOSTREMATIDÆ.

GENUS VITRINELLA.

561	V. subplana, Cpr.	California.....	15
562	V. Diegoensis, Dall.	".....	25

FAMILY LIOTIDÆ.

GENUS LIOTIA.

563	L. fenestrata, Cpr.	California.....	15
564	L. acuticostata, Cpr.	".....	15

FAMILY PHASIANELLIDÆ.

GENUS PHASIANELLA.

565	P. umbilicata, D'Orb.	Florida.....	5
566	P. compta, Gld.	California.....	10
567	P. " var.	".....	10
568	P. " var. pulloides.	California..	10

FAMILY TURBINIDÆ.

GENUS TURBO.

569	T. castaneus, Gmel.	Florida.....	10
570	T. " var.	".....	10

Subgenus Callopoma.

571	C. fluctuosum, Wood.	Lower Cal.....	25
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Subgenus Astralium.

572	A. longispina, Lam.	Florida.....	25
573	A. Americana, Gmel.	".....	25

Subgenus Pachypoma.

574	P. inequalis, Mont.	California.....	25
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GENUS LEPTOTHYRA.

575	L. Carpenteriana, Pilsbry.	California	5
576	L. " var.	" ..	5
577	L. " var.	" ..	5
578	L. " var.	" ..	5
579	L. paucilirata, Dall.	" ..	20
580	L. " var.	" ..	10
581	L. bacula, Cpr.	California.....	5
582	L. " var.	".....	5

FAMILY TROCHIDÆ.

GENUS CHLOROSTOMA.

583	C. Brunneum, Phil.	California.....	15
584	C. aureotinctum, Fbs.	".....	15
585	C. gallina, Fbs.	".....	15
586	C. " var.	".....A.	15
587	C. " var. tincta.	Hemphill. Cal. B.	15
588	C. " var.	".....C.	15
589	C. " var.	".....D.	15
590	C. " var.	" funebreale, A. Ad. E.	15
591	C. " var.	".....F.	15
592	C. Montereyi, Keiner.	California.....	

Subgenus Omphalius.

593	C. viridulum, var. ligulatum, Mke.	Cal	10
594	C. fasciatus, Born.	Florida.....	15

GENUS NORRISIA.

595	N. norrisi, Sowb.	California.....	25
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GENUS MARGARITA.

596	M. pupilla, Gld.	Puget Sound.....	5
597	M. helicina, Fab.	Sitka.....	10
598	M. lirulata, var. acuticostata, Cpr.	Cal	10
599	M. " var. parcipicta, Cpr.	" ..	10
600	M. " var. feuculata, Cpr.	" ..	10
601	M. " var. succincta, Cpr.	" ..	5

GENUS CALLIOTOMA.

602	C. canaliculata, Mart.	California	20
603	C. costatum, Mart.	".....	15
604	C. annulatum, Mart.	".....	25
605	C. supragranosum, Cpr.	".....	20
606	C. tricolor, Gabb.	".....	25
607	C. gemmulatum, Cpr.	".....	20
608	C. jujubinum, var. Tampaensis, Conr.	Florida.....	20

Subgenus Turcica.

609	T. caffee, Gabb.	California.....	
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GENUS ETHALIA.

610	E. supravallata, Cpr.	California.....	10
611	E. " var. invallata, Cpr.	Cal...	10

FAMILY HALIOTIDÆ.

GENUS HALIOTIS.

612	H. rufescens, Swains.	California.....	50
613	H. Kamtschatkana, Jonas.	Washing'n ..	100
614	H. corrugata, Gray.	California.....	50
615	H. assimilis, Dall.	".....	100
616	H. splendens, Rve.	".....	50
617	H. cracherodi, Leach,	".....	50

FAMILY FISSURELLIDÆ.

GENUS FISSURELLA.

618	F. volcano, Rve.	California.....	5
619	F. " var.	".....	5
620	F. microstoma, Sby.	Lower California	10
621	F. alternata, Say.	Florida.....	10
622	F. nodosa, Born.	".....	15

GENUS LUCAPINA.

623	L. crenulata, Sby.	California.....	50
624	L. fasciata, Pfr.	Florida.....	50

GENUS GLYPHIS.

625	G. aspera, Esch.	California.....	20
626	G. pica, Sby.	Lower ..	25
627	G. murina, Cpr.	".....	25

GENUS FISSURELLIDÆ.

628	F. calliomarginata, Cpr.	California...	50
629	F. bimaculata, Dall.	".....	25
630	F. limatula, Rve.	Florida.....	50

GENUS TORNATINA.

713	T. culcitella, Gld.	California.....	\$o 15
714	T. inculta, Gld.	"	5
715	T. " var.	"	5
716	T. harpa? Dall.	"	10
717	T. carinata, Cpr.	"	5
718	T. candei, D'Orb.	Florida	5
719	T. canaliculata, Say.	"	5
720	T. infrequens, Cpr.	Lower California	10

Subgenus Rictaxis.

721	R. punctocaelata, Cpr.	California....	15
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FAMILY CYLICHNIDÆ.

GENUS AMPHISPHYRA.

722	A. subquadrata, Cpr.	California.....	20
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FAMILY BULLIDÆ.

GENUS BULLA.

723	B. nebulosa, Gld.	California.....	15
724	B. " "	"	15
725	B. striata, Brug.	Florida	15
726	B. occidentalis? Adums.	Florida....	15
727	B. succinea, Conr.	Florida....	15

GENUS HAMINEA.

728	H. vesicula, Gld.	California....	15
729	H. virescens, Sby.	"	15
730	H. Guildingi, Sowb.	"	15

GENUS CYLINDROBULLA.

731	C. Beauli, Fisher.	Florida.....	25
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FAMILY APLYSIIDÆ.

GENUS APLYSIA.

732	A. protea, Rang.	Florida.....	20
733	A. Californica, Cooper.	California....	25

FAMILY AURICULIDÆ.

GENUS CARVACHIUM.

734	C. exiguum, Say.	Minnesota.	5
735	C. " sp.	Washington, Org.	5

GENUS AURICULA.

Subgenus Auriculastrum.

736	A. pellucens, Mke.	Florida.....	15
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GENUS TRALIA.

Subgenus Alexia.

737	P. myosotis, var. setifer J. G. Cooper, Cal		5
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GENUS PEDIPIES.

738	P. naticoides, Stearns,	Florida.....	15
739	P. elongatus, Dall.	"	25
740	P. unisulcatus, J. G. Cooper,	California	15

GENUS MELAMPUS.

741	M. coffeus, Linn.	Florida	5
742	M. " var.	"	5
743	M. " var.	"	5
744	M. flavus, Gmel.	"	5
745	M. lineatus, Say.	"	5
746	M. olivaceus, Cpr.	California	5
747	M. " var.	"	5
748	M. " var.	"	5

Subgenus Detracia.

749	D. bulloides, Mont.	Florida	5
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Subgenus Sayella.

750	S. Hemphilli, Dall.	Florida.....	
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GENUS BLAUNERIA.

751	B. heteroclitia, Mont.	Florida	\$o 15
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FAMILY SIPHONARIIDÆ.

GENUS SIPHONARIA.

752	S. alternata, Say.	Florida	5
753	S. " var. Brunnea, Hanley,	Fla	5
754	S. lineolata, D'Orb.	"	10
755	S. peltoides, Dall.	California	10

FAMILY GADINIIDÆ.

GENUS GADINEA.

756	G. reticulata, Sby.	California.....	15
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FAMILY DENTALIDÆ.

GENUS DENTALIUM.

757	D. hexagonum, Sby.	California.....	15
758	D. autillarum, D'Orb.	Florida.....	15

CLASS PELECYPODA.

FAMILY TEREDIDÆ.

GENUS TEREDO.

759	T. megatoria, Hanley,	Florida.....	25
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GENUS XYLOTRYA.

760	X. setacea, Tryon.	California.....	25
761	X. stutchberyi, Leach.	"	25

FAMILY GASTROCHÆNIDÆ.

GENUS ROCELLARIA.

762	R. ovata, Sowb.	Florida.....	25
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FAMILY PHOLADIDÆ.

GENUS PHOLAS.

763	P. costata, Linn.	Florida	1 00
764	P. Pacifica, Stearns,	California.....	50

GENUS ZIRPHÆA.

765	Z. crispata, Linn.	California.....	50
766	Z. " var.	"	75

GENUS NETASTOMELLA.

767	N. Darwinii, Cpr.	California.....	20
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GENUS PARAPHOLUS.

768	P. Californica, Conr.	California.....	1 00
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GENUS PENITELLA.

769	P. penita, Conr.	California.....	25
770	P. Ovoidea, Gld.	"	50

GENUS MARTESIA.

771	M. cuneiformis, Say.	Florida.....	25
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FAMILY SOLENIDÆ.

GENUS SOLEN.

772	S. Americanus, Gld.	Florida.....	20
773	S. sicareus, Gld.	California.....	
774	S. " var. rosaceus, Cpr.	Cal..	15

GENUS SILIQUA.

775	S. patula, Dixon.	Oregon.....	25
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GENUS SOLECURTUS.

776	S. Californianus, Conr.	California....	20
777	S. subteres, Cpr.	"	20
778	S. diversus, Speng.	Florida.....	20
779	S. gibbus, Speng.	"	20

FAMILY SAXICAVIDÆ.

GENUS SAXICAVA.

780	S. arctica, Linn.	California.....	
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FAMILY PETRICOLIDÆ.

GENUS PETRICOLA.

861 P. cardatoides, Conr. California.....	15
862 P. " var. "	15
863 P. divaricata, D'Orb. Florida.....	
864 P. tenuis? Ad. Lower California.....	15

GENUS RUPELLARIA.

865 R. lamellifera, Conr. California.....	25
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GENUS SAXIDOMUS.

866 S. Nuttalli, Conr. California.....	25
867 S. " var. aratus, Gld. California.....	25

FAMILY VENERIDÆ.

GENUS VENUS.

868 V. mercenaria, Linn. large. Florida.....	50
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GENUS CRYPTOGRAMMA.

869 C. flexuosus, Linn. Florida.....	15
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Subgenus Chione.

870 C. gnidia, Brod. & Sowb. Lower Cal...	40
871 C. succincta, Val. California.....	20
872 C. cancellata, Linn. Florida.....	20
873 C. simillima, Sby. California.....	20
874 C. " var. undatella, Sby. L. Cal	25
875 C. fluctifraga, Sby. California.....	20

Subgenus Psephis.

876 P. tantilla, Gld. California.....	20
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GENUS CYTHERIA.

877 C. affinis, Gmel. Florida.....	20
878 C. " var. "	20

Subgenus Transenella.

879 T. conradiana, Dall. Florida.....	25
880 T. Cubaniana, D'Orb. Florida.....	25

Subgenus Callista.

881 C. gigantea, Chem. Florida.....	20
882 C. maculata, Chem. "	25
883 C. incerta, Desh. "	20
884 C. chione, Mke. Lower Cal.....	25

Subgenus Tivela.

885 T. radiata, Sby. Lower California.....	25
886 T. crassatelloides, Conr. "	35

Subgenus Amiantis.

887 A. callosa, Conr. California.....	25
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Subgenus Gouldia.

888 G. cerina, Ad. Florida.....	10
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Subgenus Circe.

889 C. marginata, Cpr. California.....	10
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GENUS DOSINA.

890 D. ponderosa, Gray. Lower California.	40
891 D. elegans, Conr. Florida.....	20

GENUS TAPES.

892 T. tenerrima, Cpr. Puget Sound.....	25
893 T. laciniata, Cpr. California.....	20
894 T. staminea, Conr. "	15
895 T. " var. diversa, "	15
896 T. " var. orbella, "	20
897 T. " var. ruderata, "	20
898 T. " var. Petitii, "	15
899 T. grata, Say. Lower "	15
900 T. " var. " "	15
901 T. " var. " "	15
902 T. " var. " "	15
903 T. " var. " "	15
904 T. " var. " "	15
905 T. " distorted, " "	15

I regard T grata, as only a Southern form of T staminea.

FAMILY CYRENIDÆ.

GENUS CYRENA.

906 C. Carolinensis, Conr. Florida.....	15
907 C. Floridana, Lam. "	15

FAMILY CARDIIDÆ.

GENUS CARDIUM.

908 C. magnum, Born. Florida.....	25
909 C. isocardia, Linn. "	25
910 C. muricatum, Linn. "	25
911 C. corbis, Mont. California.....	25
912 C. quadragenarium, Conr. California ..	50

Subgenus Liocardium.

913 L. elatum, Sby. California.....	1 00
914 L. serratum, Linn. Florida.....	50
915 L. Mortonii, Conr. Florida.....	10
916 L. " var. substriatum, Conr. Cal	10

FAMILY CHAMIDÆ.

GENUS CHAMA.

917 C. arcinella, Linn. Florida.....	25
918 C. macrophylla, Chem. "	15
919 C. pellucida, Sby. California.....	15
920 C. " var. spinosa, Sby. Cal...	15
921 C. " var. exogyra, Conr. " ..	10

FAMILY LUCINIDÆ.

GENUS LUCINA.

922 L. Jamaicensis, Speng. Florida	15
923 L. antillarum, Rave. "	15
924 L. strigilla, Stimpson. "	20
925 L. lintea, Conr. "	15
926 L. squamosa, Lam. "	20
927 L. crenulata, Lam. "	20
928 L. pecten, Lam. "	10
929 L. Pennsylvanica, Linn. "	25
930 L. Californica, Conr. California.....	20
931 L. Nuttalli, Conr. "	10

Subgenus Codakia.

932 L. tigerina, Linn. Florida.....	25
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Subgenus Loripes.

933 L. Floridana, Conr. Florida	15
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FAMILY DIPLODONTIDÆ.

GENUS DIPLODONTA.

934 D. orbella, Gld. California.....	25
935 D. candeana, D'Orb. Florida.....	25

Subgenus Felania.

936 F. sericata, Rve. Lower California ..	20
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FAMILY ERYCINIDÆ.

GENUS MONTACUTA.

Subgenus Tellimya.

937 T. tumida, Cpr. California.....	59
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GENUS LASSEA.

938 L. rubra, Mont. California.....	5
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GENUS KELLIA.

939 K. Laperousii, Desh. California.....	20
940 K. suborbicularis, Mont. "	15

FAMILY SOLEMYIDÆ.

GENUS SOLEMYA.

941 S. occidentalis, Desh. Florida	25
942 S. voloulus, Cpr. Lower Cal.....	24

FAMILY CRASSATELLIDÆ.		GENUS MELEAGRINA.	
GENUS EURIPHYLA.		983 <i>M. radiata</i> , Lam. Florida.....	\$o 25
943 <i>E. imulta</i> , Conr.	\$o 15	GENUS PERNA.	
FAMILY ASTARTIDÆ.		984 <i>P. ehippium</i> , Lam. Florida.....	15
GENUS PARASTARTE.		985 <i>P. chemnitzian</i> , D'Orb. Lower Cal...	15
944 <i>P. triquetra</i> , Conr. Florida.....	5	FAMILY PINNIDÆ.	
FAMILY CARDITIDÆ.		GENUS PINNA.	
GENUS CARDITA.		986 <i>P. muricata</i> , Linn. Florida.....	35
945 <i>C. floridana</i> , Conr. Florida.....	10	987 <i>P. carnea</i> , Gmel. ".....	50
GENUS MILNERIA.		GENUS BRYOPHILA.	
946 <i>M. minima</i> , Dall. California.....	20	988 <i>B. setosus</i> , Cpr. California.....	40
Subgenus <i>Thecalia</i> .		FAMILY SPONDYLIDÆ.	
947 <i>T. concamerata</i> ? Chem. California...	25	GENUS PLICATULA.	
GENUS CARDITAMERIA.		989 <i>P. ramosus</i> , Linn. Florida.....	15
948 <i>C. subquadrata</i> , Cpr. California.....		FAMILY LIMIDÆ.	
FAMILY NUCULIDÆ.		GENUS LIMA.	
GENUS NUCULA.		990 <i>L. inflata</i> , Lam. Florida.....	25
949 <i>N. crenulata</i> , A. Ad. Florida.....	5	991 <i>L. orientalis</i> , California.....	25
950 <i>N. exigua</i> , Sby. Lower California....	10	FAMILY PECTINIDÆ.	
GENUS LEDA.		GENUS PECTEN.	
951 <i>L. acuta</i> , Conrad. California.....		992 <i>P. subnodosus</i> , Sowb. Lower California	
FAMILY ARCIDÆ.		993 <i>P. nucleus</i> , Born. Florida.....	20
GENUS ARCA.		994 <i>P.</i> " var. <i>æquisulcatus</i> , Cpr. Cal.	20
952 <i>A. multicostata</i> , Sby. Lower Cal.....	25	995 <i>P.</i> " var. " Cpr. ".....	20
953 <i>A. ponderosa</i> , Say. Florida.....	15	996 <i>P. irridans</i> , var. <i>dislocatus</i> , Say. Fla...	25
954 <i>A. Reevidana</i> , D'Orb. Lower Cal.....	25	997 <i>P. exasperatus</i> , Sowb. ".....	50
955 <i>A. solida</i> , Sby. ".....	20	998 <i>P.</i> " var. ".....	50
956 <i>A. Lesteri</i> , Phil. Florida.....	20	999 <i>P. ornatus</i> , Lam. ".....	50
957 <i>A. transversa</i> , Say, ".....	20	1000 <i>P. latiauritus</i> , Conr. California.....	20
958 <i>A. Deshayssi</i> , Hanley. ".....		1001 <i>P.</i> " var. ".....	20
Subgenus <i>Barbatia</i> .		1002 <i>P. monotimeris</i> , Conr. ".....	20
959 <i>B. gradata</i> , Sby. Fla., Cal. and L. C.	10	1003 <i>P.</i> " var. ".....	20
GENUS PECTUNCULUS.		1004 <i>P. antillarum</i> , Recl. Florida.....	20
960 <i>P. pectinatus</i> , Lam. Florida.....	15	GENUS HINNITES.	
961 <i>P. intermedia</i> , Brod. California.....	25	1005 <i>H. giganteus</i> , Gray, California.....	50
FAMILY MYTILIDÆ.		FAMILY ANOMIIDÆ.	
GENUS MYTILUS.		GENUS ANOMIA.	
962 <i>M. edulis</i> , Linn. California & Wash	5	1006 <i>A. ehippium</i> , Linn. Florida.....	15
963 <i>M.</i> " var. <i>Puget Sound</i>	10	1007 <i>A.</i> " var. <i>lampe</i> , Gray. L. C.	15
964 <i>M. Californicus</i> , Conr. California.....	25	GENUS PLACUNANOMIA.	
965 <i>M. bifurcatus</i> , Conr. ".....	15	1008 <i>P. macroschisma</i> , Desh. California...	25
966 <i>M. exustus</i> , Linn. Florida.....	15	FAMILY OSTREIDÆ.	
GENUS MODIOLA.		GENUS OSTREA.	
967 <i>M. capax</i> , Cpr. California.....	25	1009 <i>O. lurida</i> , Cpr. California.....	10
968 <i>M.</i> " var. <i>Lower</i> ".....	25	1010 <i>O.</i> " var. <i>expansa</i> , Cpr. Cal.....	10
969 <i>M. sulcatus</i> , Lam. Florida.....	10	1011 <i>O. amara</i> , Cpr. Lower California.....	20
970 <i>M. plicatula</i> , Lam. ".....	15	1012 <i>O. conchaphilla</i> , Cpr. ".....	15
971 <i>M. tulipa</i> , Linn. ".....	10	1013 <i>O. palmula</i> , Cpr. ".....	15
972 <i>M. fusca</i> , Gmel. ".....	25	CLASS BRANCHIPODA.	
973 <i>M. recta</i> , Conr. California.....	25	FAMILY DISCINIDÆ.	
974 <i>M.</i> " var. <i>flabellatus</i> , Puget Sound	25	GENUS DISCINA.	
975 <i>M. papyracea</i> , Conr. Florida.....	25	1014 <i>D. cumingii</i> , Brod. Lower California	50
Subgenus <i>Adula</i> .		FAMILY LINGULIDÆ.	
976 <i>A. falcata</i> , Gld. California.....	25	GENUS GLUTIDÆ.	
977 <i>A. stylina</i> , Cpr. ".....	20	1015 <i>G. albida</i> , Hds. California.....	50
GENUS LITHODOMUS.		1016 <i>G. antillarum</i> , var. <i>pyramidata</i> , Stimp. Florida.....	50
978 <i>L. attenuatus</i> , Desh. Lower California	25	ORDER BRYOZOA.	
979 <i>L. appendiculatus</i> , Gmel. Florida.....		FAMILY DISCOPORIDÆ.	
GENUS MODIOLARIA.		GENUS DEFRACINA.	
980 <i>M. lateralis</i> , Say. Florida.....	10	1017 <i>D. intricata</i> , Busk. California.....	25
GENUS SEPTIFER.			
981 <i>S. bifurcatus</i> , Rve. California.....	15		
FAMILY AVICULIDÆ.			
GENUS AVICULA.			
982 <i>A. atlantica</i> , Lam. Florida.....	25		

LAND SHELLS.

PULMONATA.

FAMILY TESTACELLIDÆ.

GENUS GLANDINA.

1018	G. truncata, Gmel.	Florida.....	\$0 25
1019	G. " var.	"	25

FAMILY SELENITIDÆ.

GENUS SELENITES.

A. Smooth forms.

1020	S. concava, Say.	Ohio, Ky., Tenn. & N. C.	10
1021	S. " var. small.	Ohio.....	10
1022	S. " var. Hemphilli,	W. G. Binn	

Washington.....

1023	S. " var. Keepi,	Hemphill, Cal.	25
1024	S. " var. tenuis,	"	15
1025	S. " var. occidentalis,	"	10
1026	S. " var. Vancouverensis,	small	

Oregon.....

1027	S. " var. Vancouverensis,	Lea.	15
	large.	Oregon.....	15

B. Forms with reticulated sculpting.

1028	S. concava, var. hybrida,	Hemphill, Or.	15
1029	S. " var. sportella,	large, Wash	15
1030	S. " var. " typical,	"	15
1031	S. " var. " smaller,	"	15
1032	S. " var. " v. small	"	15
1033	S. " var. Voyana,	Newc. "	20
1034	S. " var. " small,	"	20
1035	S. " var. transfuga,	Hemphill.	

California.....

1036	S. concava, var. simplicilabris,	Aucny	
	California.....		20

1037	S. concava, var. simplicilabris,	small,	
	California.....		20

1038	S. concava, var. cælata,	Mazyck, Cal.	20
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1039	S. " var. Duranti,	Newc. "	25
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1040	S. " var. Catalinensis,	Hemphill.	
	California.....		25

FAMILY LIMACIDÆ.

GENUS ZONITES.

Section Mesomphix.

Depressed.

1041	Z. subplanus,	Binn. N. Carolina.....	20
1042	Z. inornatus,	Say. Ky.....	10
	Subelevated.		

1043	Z. lævigatus,	Pfr. N. Carolina.....	20
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1044	Z. Rugeli,	W. G. Binn. Tenn.....	20
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1045	Z. copnodes,	W. G. Binn. "	20
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Elevated.

1046	Z. ligerus,	Say. Ohio.....	5
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1047	Z. " var. demissus,	Binn. Ala	10
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1048	Z. " var. acerus,	Lewis, Ga....	15
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I am strongly impressed that all the above
Zonites are but varieties of one species.

1049	Z. Elliotti,	Redfield. N. Carolina.....	10
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1050	Z. " var. small.....		10
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1051	Z. sculptilis,	Bld. Texas. Ga.....	15
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1052	Z. " var. major.	Tenn.....	25
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Section Hyalina.

1053	Z. nitidus,	Mull. Cal., Minn., Utah..	5
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1054	Z. " var. arboreus,	Say, Cal.,	
	Utah.....		5

GENUS ZONITES (Continued.)

1055	Z. nitidus, var. cronkheitei,	Newc. Cal. \$0 05	
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1056	Z. " var. otonis,	Florida.....	5
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1057	Z. petrophilus,	Bld. N. Carolina.....	
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1058	Z. Wheatleyi,	Bld. "	
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1059	Z. "		
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1060	Z. capsella,	Gld. "	15
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1061	Z. Whitneyi,	Newc. California, Utah.	25
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1062	Z. indentatus,	Say. Florida.....	15
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1063	Z. viridulus,	Mke. Washington	
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1064	Z. minusculus,	Morse. Florida, La..	5
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1065	Z. milium?	Morse. California.....	5
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1066	Z. pygmæa,	Drapp. "	5
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Section Conulus.

1067	Z. fulvus,	Drapp. Cal., Utah.....	5
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1068	Z. " var. Gundlachi,	Pfr. Fla..	10
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1069	Z. chersinellus,	Dall. California.....	25
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Section Gastrodonta.

1070	Z. gularis,	Say. N. Carolina, Tenn..	5
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1071	Z. internus,	Say. Georgia, N. C.....	5
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1072	Z. macilentus,	Shutt. Tennessee...	15
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1073	Z. suppressus,	Say. Florida.....	15
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1074	Z. Andrewsii,	W. G. Binn. Tenn.....	25
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1075	Z. significans,	Bld. North Carolina..	20
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Section Pristiloma.

1076	Z. Lansingi,	Bld. Washington	21
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GENUS VITRIZONITES.

1077	V. latissimus,	Lewis. N. Carolina....	25
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GENUS VITRINA.

1078	V. Pfeifferi,	Newc. Cal., Utah.....	20
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GENUS LIMAX.

1079	L. maximus,	Linn. N. Jersey.....	25
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1080	L. Hewstonii,	J. G. Cooper. Cal.....	20
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1081	L. Hemphilli,	W. G. Binn. Cal.....	20
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1082	L. campestris,	Binn. Washington...	15
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1083	L. " var. Montanus.	In-	
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	gersoll.	Utah.....	15
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1084	L. campestris,	var. hyperboreus,	
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	West. Oregon.....		15
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FAMILY TEBENNOPHORIDÆ.

GENUS TEBENNOPHORUS.

1085	T. carolinensis,	Bosc. Ohio.....	25
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1086	T. Hemphilli,	W. G. Binn. N. C.....	25
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FAMILY ARIONIDÆ.

GENUS ARIOLIMAX.

1087	A. Columbianus,	Gld. Oregon, Cal..	25
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1088	A. " var. maculatus,	Cock-	
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	rell.	California.....	25
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1089	A. Columbianus,	var. Californicus,	
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	J. G. Cooper.	California.....	25
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1090	A. Columbianus,	var. straminea,	
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	Hemphill.	California.....	25
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1091	A. niger,	J. G. Cooper. California...	15
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1092	A. Hemphilli.	W. G. Binn. Cal.....	50
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GENUS PROPHYSAON.

1093	P. Andersonii,	J. G. Cooper. Wash....	25
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1094	P. Hemphill,	W. G. Binn. "	25
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1095	P. " var. cæruleum,	Cockrell.	
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	Washington.....		25
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GENUS PROPHYSAON. (Conntinued).

- 1096 P. Hemphilli, var. fasciatum, Cockrell, Washington..... 25

GENUS HEMPHILLIA.

- 1097 H. glandulosa, Bld. & Binn. Oregon. 25
1098 H. " large. Idaho..... 50

GENUS BINNEVA.

- 1099 B. notabilis, J. G. Cooper., Cal. (shell) 25

FAMILY HELICIDÆ.

GENUS HELIX.

Section Glyptostoma.

- 1100 G. Newberryanum, W. G. Binn. Cal.
I place this specie here on account of the shell being that of a Zonites, while the animal is said to be true Helix.

Section Microphysa.

- 1101 H. Ingersolli, Bld. Utah, Oregon..... 15
1102 H. votex. Pfr. Florida..... 15

Section Gonostoma.

- 1103 H. Yatesii, J. G. Cooper. California 15
1104 H. " var. small. " 15

Section Helicodiscus.

- 1105 H. lineata, Say. Minnesota..... 5
1106 H. " var. fimbriatus, Wetherby, Georgia..... 20

- 1107 H. " var. salmonensis, Hemphill. Idaho..... 10

Section Polygyrella.

- 1108 H. polygyrella, Bld. Idaho..... 20
1109 H. " var. " " 20

Section Polygyra.

GROUP OF H. CEREBOLUS MUHLF.

- 1110 H. cereolus, Muhlf. Florida..... 10
1111 H. " var. " " 10
1112 H. " var. " " 10
1113 H. " var. " " 10
1114 H. " var. septemvolva, Say. Fla. 10
1115 H. " var. " medium... 10
1116 H. " var. " small... 10
1117 H. " var. Carpenteriana, Bld..... 10
1118 H. " var. " small... 10
1119 H. " var. volvoxis, Parr. " 10
1120 H. " var. " small... 10
1121 H. " var. microdonta, Pfr..... 10

GROUP OF H. TEXASIANA.

- 1122 H. var. triodontoides, Bld. Texas..... 15
1123 H. var. Dorfeuilliana, Lea. " 15
1124 H. var. Mooreana, W. G. Binn. 10

GROUP OF H. AVARA.

- 1125 H. avara, Say. Florida..... 25
1126 H. auriformis, Bld. Louisiana..... 20
1127 H. pustula, Fer. Florida..... 15

GROUP OF H. AURICULATA.

- 1128 H. var. uvulifera, Shutt. Florida..... 15
1129 H. var. " small. " 20

Section Patula.

GROUP OF H. PERSPECTIVUS.

- 1130 H. perspectivus, Say. Tenn..... 5
1131 H. " var. elevated. Tenn..... 10
1132 H. " var. Bryanti, Harper. " 10
1133 H. " var. striatella, Athy., Minnesota..... 5

- 1134 H. " var. Cronkheitei, Newc. Utah 5
1135 H. astericus, Morse. Washington... 15
1136 H. " var. conspectus, Bld, Cal, 5

GROUP OF H. SOLITARIA.

- 1137 H. solitaria, Say. large. Idaho..... 15
1138 H. " var. small, elevated..... 10
1139 H. " var. depressed..... 10
1140 H. " var. light colored..... 10
1141 H. " var. " depressed..... 10
1142 H. " var. bandless..... 10
1143 H. alternata, Say. Minn, Ohio, Texas. 10

GROUP OF H. STRIGOSA.

A. shell transversely ribbed.

- 1144 H. strigosa, var. Idahoensis, Newc. Idaho
1145 H. " var. " small, depressed, Idaho.....
1146 H. " var. Idahoensis, small, elevated. Idaho.....
1147 H. " var. Idahoensis, depressed,
1148 H. " var. Idahoensis, large. Idaho 25
1149 H. " var. Newcombi, Hemphill, Utah.....
1150 H. " var. Newcombi, Hemphill. elevated, Utah.....
1151 H. " Newcombi, Hemphill, large.
1152 H. " " " bandless. Utah.....

X. Ribbing variable.

- 1153 H. strigosa, var. multicostata, large.
1154 H. " var. " smaller. Utah
1155 H. " var. " depressed "
1156 H. " var. " small. "
1157 H. " var. " smaller. "
1158 H. " var. " smallest. "
1159 H. strigosa, var. multicostata, Hemphill. Utah.....
1160 H. " var. multicostata, elevated Utah.....
1161 H. " var. multicostata, delicate, depressed. Utah.....
1162 H. " var. multicostata, elevated, single band. Utah.....
1163 H. " var. multicostata, faintly banded. Utah.....
1164 H. " var. multicostata, clouded, &c. Utah.....
1165 H. " var. multicostata, dentate, Utah.....
1166 H. " multicostata, small; elevated Utah.....
1167 H. " multicostata, depressed, Utah.....

X. Ribbing variable,

- 1168 H. strigosa, var. Gouldi, Hemphill, Utah.....
1169 H. " var. Gouldi, Utah.....
1170 H. " var. Gouldi, dentate, Utah.
1171 H. " var. " conical "
1172 H. " var. " smaller "
1173 H. " var. " depressed "
1174 H. " var. " elevated "
1175 H. " var. " very small "

X. Bandless forms,

- 1176 H. strigosa, var. Binneyi, Hemphill. Utah.....
1177 H. " var. Binneyi, Hemphill. Utah.....
1178 H. " var. Binneyi, Hemphill. Utah.....

GROUP OF *H. STRIGOSA*. (Continued).

1179	<i>H. strigosa</i> , var. <i>Binneyi</i> , depressed.
	Utah.....
1180	<i>H.</i> " var. <i>Binneyi</i> , elevated.
	Utah.....
1181	<i>H.</i> " var. <i>Binneyi</i> , depressed
	Utah.....
1182	<i>H.</i> " var. <i>Binneyi</i> , dentate.
	Utah.....
1183	<i>H.</i> " var. <i>Binneyi</i> , elevated,
	large. Utah.....
1184	<i>H.</i> " var. <i>Binneyi</i> , depressed,
	large. Utah.....

X. Banded forms, ribbing variable.

1185	<i>H. strigosa</i> , var. <i>albofasciata</i> , Hemphill.
	Utah.....
1186	<i>H.</i> " var. <i>albofasciata</i> , large
	elevated. Utah.....
1187	<i>H.</i> " var. <i>albofasciata</i> , smaller
	depressed. Utah.....
1188	<i>H.</i> " var. <i>albofasciata</i> , elevated
	Utah.....
1189	<i>H.</i> " var. <i>albofasciata</i> , smaller
	Utah.....
1190	<i>H.</i> " var. <i>albofasciata</i> , dentate
	Utah.....
1191	<i>H.</i> " var. <i>albofasciata</i> , very
	small. Utah.....
1192	<i>H.</i> " var. <i>castaneus</i> , Hemphill.
	Utah.....
1193	<i>H.</i> " var. <i>castaneus</i> , smooth. Ore.

X. Shell keeled, ribbing irregular.

1194	<i>H. strigosa</i> , var. <i>Wahsatchensis</i> , Utah
1195	<i>H.</i> " var. " tall,
	narrow. Utah.....
1196	<i>H.</i> " var. <i>Wahsatchensis</i> , small,
	Utah.....
1197	<i>H.</i> " var. <i>intersum</i> , Hemphill,
	Idaho.....
1198	<i>H.</i> " var. <i>intersum</i> , small. Idaho.

B. Shell smooth or with rough striae.

Keeled.

1199	<i>H. strigosa</i> , var. <i>Utahensis</i> , Hemphill,
	Utah.....
1200	<i>H.</i> " var. <i>Utahensis</i> , small, Utah

X. Subcarinated forms.

1201	<i>H. strigosa</i> , var. <i>subcarinata</i> , Idaho..
1202	<i>H.</i> " var. <i>picta</i> , Hemphill, "
1203	<i>H.</i> " var. <i>bicolor</i> , "
1204	<i>H.</i> " var. " depressed, "
1205	<i>H.</i> " var. <i>lactea</i> , "
1206	<i>H.</i> " var. <i>parma</i> , Washington,

X. Whorls convex, striae rough.

1207	<i>H. strigosa</i> , var. <i>rugosa</i> , Hemphill...
1208	<i>H.</i> " var. " depressed...
1209	<i>H.</i> " var. " smaller.....
1210	<i>H.</i> " var. " smallest.....
1211	<i>H.</i> " var. <i>Cooperi</i> , W. G. Binn.
1212	<i>H.</i> " var. " " "
1213	<i>H.</i> " var. " " "
1214	<i>H.</i> " var. " " "
1215	<i>H.</i> " var. <i>fragilis</i> , Hemphill...
1216	<i>H.</i> " var. " depressed...
1217	<i>H.</i> " var. " small.....
1218	<i>H. strigosa</i> , var. <i>Buttonii</i> , Hemphill,
	Utah.....

GROUP OF *H. STRIGOSA*. (Continued).

1219	<i>H. strigosa</i> , var. <i>Buttonii</i> , smaller. Utah
1220	<i>H.</i> " var. " depressed. "
1221	<i>H.</i> " var. " dentate. "
1222	<i>H.</i> " var. " smaller. "
1223	<i>H.</i> " var. " " "
1224	<i>H.</i> " var. " depressed, "
1225	<i>H.</i> " var. " very small. "

Typical forms of *H. strigosa*.

1226	<i>H. strigosa</i> , Gld, Utah.....
1227	<i>H.</i> " " depressed. Utah....
1228	<i>H.</i> " " " " " "
1229	<i>H.</i> " " " larger. " " "
1230	<i>H.</i> " " " variable. " " "
1231	<i>H.</i> " " " " " " "
1232	<i>H.</i> " " " large. " " "
1233	<i>H.</i> " var. <i>jugalis</i> , Hemphill. Utah.
1234	<i>H.</i> " var. " medium. " "
1235	<i>H.</i> " var. " small. " "

Bandless forms.

1236	<i>H. strigosa</i> , var. <i>corneus</i> , Hemphill.
1237	<i>H.</i> " var. " elevated. ...
1238	<i>H.</i> " var. " depressed...
1239	<i>H.</i> " var. " variable....
1240	<i>H.</i> " var. " " "
1241	<i>H.</i> " var. " small.....
1242	<i>H.</i> " var. <i>albida</i> , Hemphill....
1243	<i>H.</i> " var. " depressed....
1244	<i>H.</i> " var. " smaller, elevated
1245	<i>H.</i> " var. " small.....

C. Shell with revolving ribs.

Subangled or keeled.

1246	<i>H. strigosa</i> , var. <i>hybrida</i> , Hemphill.
1247	<i>H.</i> " var. " elevated..
1248	<i>H.</i> " var. " small.....
1249	<i>H.</i> " var. <i>Hemphilli</i> , Newc....
1250	<i>H.</i> " var. " smaller....
1251	<i>H.</i> " var. <i>Oquirrhensis</i> , Hemphill.
1252	<i>H.</i> " var. " " "
1253	<i>H.</i> " var. " small....
1254	<i>H.</i> " var. <i>Haydeni</i> , Gabb.....
1255	<i>H.</i> " var. " small....
1256	<i>H.</i> " var. <i>Gabbana</i> , Hemphill.
1257	<i>H.</i> " var. " small.....

Section *Mesodon*.GROUP OF *H. GRISEOLA*.

1258	<i>H. grisola</i> , Pfr. Texas.....
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GROUP OF *H. ALBOLABRIS*.

1259	<i>H. Albolabris</i> , Say. Minnesota.....
1260	<i>H.</i> " var. <i>Andrewsi</i> , W. A. Binn.
	Tennessee.....
1261	<i>H.</i> " var. <i>major</i> , Binn. Georgia.
1262	<i>H.</i> " var. <i>exoleta</i> , Say, Ohio.....
1263	<i>H.</i> " var. <i>thyroides</i> , say. Ohio.
1264	<i>H. multilineata</i> , Say. Minnesota.....
1265	<i>H. Mitchelliana</i> , Lea. Ohio.....
1266	<i>H. Wheatleyi</i> , Bld. North Carolina..
1267	<i>H. Pennsylvanica</i> , Green. Ohio.....
1268	<i>H. profunda</i> , Say. Minnesota.....
1269	<i>H. Jejuna</i> , Say. Florida.....
1270	<i>H.</i> " var. " " "

GROUP OF *H. PALLIATA*.

1271	<i>H. palliata</i> , Say. Tennessee.....
1272	<i>H.</i> " var. <i>appressa</i> , Say. N. C.
1273	<i>H.</i> " var. " small. " "

GROUP OF *H. PALLIATA* (Continued.)

1274	H. Romeri, Pfr. Texas	\$o 20
1275	II. " var. toothless.....	20
1276	II. " var. Wetherbyi, Bld. Tenn.	

GROUP OF *H. DEVIUS*.

1277	II. Columbiana, var. labiosa, Gld. Ore.	15
1278	H. " var. " small. "	15
1279	II. " var.	10
1280	II. " typical, Oregon.....	10
1281	H. " var. depressus, Hemphill. Oregon.....	15
1282	H. " var. dentata, Hemphill. California.....	15
1283	H. " var. armigerus, Ancy. California.....	15
1284	H. devius, Gld. large. Washington..	20
1285	II. " var. cognatus, Hemphill. Oregon.....	15
1286	H. " var. Oregonensis, Hemphill. Oregon.....	15
1287	II. " var. Blandi, Hemphill. large, Oregon.....	15
1288	H. " var. Blandi, typical.....	
1289	H. " var. binominata, Tryon. Idaho	15
1290	II. " var. binominata, medium. Idaho	10
1291	II. " var. binominata, large. Idaho	15
1292	H. " var. Mullanii, Bld. Idaho.	15
1293	H. " var. Salmonensis, Tryon. Idaho	20

GROUP OF *H. TRIDENTATA*.

Umbilicus—open.

1294	H. tridentata, Say. small. Georgia.	5
1295	H. " var. large. Ohio.....	10
1296	II. " var. fallax, Say. Tenn..	10
1297	II. " var. Van Nostrand, Bld.	10
1298	H. " var. " small.	10
	Georgia.....	
1299	H. " var. introferens, Bld. Tenn.	15
1300	H. " var. Sanburni, W. G. Binn. Idaho.....	15
1301	H. " var. Sanburni, small. Idaho.....	15
1302	II. " var. Hopetonensis, Shutt. Florida.....	15
1303	II. " var. Hopetonensis, small.	15

Umbilicus—closed.

1304	H. tridentata, var. inflecta, Say. Ohio	5
1305	H. " var. " small. "	5
1306	H. " var. Ruglei, Shutt. Ga.	10
1307	H. " var. " small. "	10

GROUP OF *H. SPINOSUM*.

1308	H. spinosum, Lea. Tennessee.....	20
1309	H. barbigerum, Redf. Georgia.....	25

GROUP OF *H. STENOTREMA*.

1310	H. Stenotrema, Fer. Tennessee	5
1311	H. " var. small. "	5
1312	H. " var. hirsutum, Say. Ohio.....	5
1313	H. " var. small.....	5
1314	H. " var. " depressed. Ohio	10

GROUP OF *H. MONODON*.

1315	H. monodon, Rackett. Minnesota...	5
1316	H. germanum, Gld. Washington.....	15
1317	H. " var. small.	15
1318	II. loricata, Gld. large. California...	10
1319	II. " var. medium. "	5
1320	H. " var. very small, "	5
1321	H. " var. umbilicata, "	15

GROUP OF *H. TOWNSENDIANA*.

1322	H. Townsendiana, var. ptychophora. Brown, small.....	\$o 15
1323	H. " var. ptychophora, large, Idaho.....	15
1324	H. " var. ptychophora, albino. Idaho.....	15
1325	H. " var. ptychophora, medium, Idaho.....	15
1326	H. " var. ptychophora, typical. Idaho.....	15
1327	H. " var. castaneus, Idaho.	25
1328	H. " var. large. Idaho.....	15
1329	H. Townsendiana, Lea, typical Wash..	25
1330	H. arrosa, var. exarata Pfr. Cal.	15
1331	H. " var. " elevated. "	15
1332	H. " var. " medium. "	15
1333	H. " Gld. typical. "	15
1334	H. " var. small. "	20
1335	H. " var. flavus. "	20
1336	H. " var. niger. "	20
1337	H. " var. depressed. "	20
1338	H. tudiculata, var. depressed, large. "	20
1339	H. " typical, "	15
1340	H. " var. subdulus, Hemphill. California.....	15
1341	H. " var. subdulus, small. California.....	15
1342	II. " var. Tularensis, Hemphill. California.....	20

GROUP OF *H. CALIFORNIENSIS*.

1343	II. Californiensis, var. Diabloensis, J. G. Cooper	20
1344	H. " var. ramentoso, Gld. California.....	20
1345	II. " var. Bridges, Newc. California	20
1346	H. " var. Bridges, small. California	20
1347	H. " var. Nickliniana, Lea. California.....	15
1348	II. " var. Nickliniana, small.....	
1349	II. Californiensis, Lea. typical, Calif..	20
1350	II. " " small. "	20

GROUP OF *H. FIDELIS*.

1351	H. fidelis, Gray. Oregon.....	15
1352	H. " var. minor, Binn. Oregon.	20
1353	H. " var. dark.....	15
1354	H. " var. subangulata, Hemphill	20
1355	H. " var. " small.....	20
1356	II. " var. infumati, Gld.....	20
1357	H. " var. mormonum, Pfr. Cal.	15
1358	H. " var. " "	15
1359	H. " var. " "	25
1360	H. " var. Dupetithouarsi, Desh...	10
1361	H. " var. " small..	10
1362	II. " var. sequoicola, Cooper.....	25

1363 H.	"	var. Traskii, Newc., large..	20	GROUP OF H. AREOLATA. (Continued.)		
1364 H.	"	var. " typical.....	20	1416 H.	areolata, var. Cedrosensis, Hemphill, Lower Cal.....	20
1365 H.	"	var. cuyamacensis.....	20	1417 H.	" var. albida, Hemphill.....	20
1366 H.	"	var. " small.....	20	1418 H.	" var. levis, Pfr. Lower Cal.	20
1367 H.	"	var. proles, Hemphill.....	20	1419 H.	" var. " " "	20
1368 H.	rufocincta, Newc. Cal.....	20	1420 H.	" var. " " "	20	
1369 H.	" var. minor.....	20	Section Vallonia.			
1370 H.	" var. Gabbi, Newc., large..	25	1421 H.	pulchella, var. costata, Mull, Utah.	5	
1371 H.	" var. " small.....	15	Section Strobila.			
1372 H.	" var. " ".....	15	1422 H.	labyrinthica, Say. Minnesota.....	5	
1373 H.	" var. " ".....	15	FAMILY PUPIDÆ.			
1374 H.	" var. facta, Newc.....	15	GENUS PUPA.			
1375 H.	" var. " elevated.....	15	Section Pupilla.			
1376 H.	" var. " depressed.....	15	1423 P.	Sterri Voith, Utah.....	10	
1377 H.	" var. " bandless.....	15	1424 P.	Blandi, Morse. Utah.....	5	
GROUP OF H. KELLETTI.			1425 P.	Rowelli, Newc. California.....	10	
1378 H.	Kelletti, Fbs. California Islands....	15	1426 P.	Californica, Rowell. California...	5	
1379 H.	" var. A. castaneus, Hemphill California Islands..	10	1427 P.	" var. meridionalis, Sterki. California.....	15	
1380 H.	" var. nitidus, Hemphill. California Islands..	20	1428 P.	" var. trinotata, Sterki. Cal.	15	
1381 H.	" var. multilineata, Hemphill. Cal. Islands....	20	1429 P.	" var. catalinaria, Sterki. "	15	
1382 H.	" var. frater, Hemphill. California Islands..	20	1430 P.	corpulenta, Morse. Utah.....	10	
1383 H.	" var. Californica, Hemphill. Cal. Islands..	20	1431 P.	castanea, Sterki. California.....	15	
1384 H.	" var. Forbesi, Hemphill, California Islands..	20	1432 P.	calamitosa, Pilsbry. ".....	15	
1385 H.	" var. bicolor, Hemphill. California Islands..	20	1433 P.	Hemphilli, Sterki. ".....	15	
1386 H.	" var. tricolor, Hemphill. California Islands..	20	Section Lucocheila.			
1387 H.	" var. Stearnsiana, Gabb. California.....	20	1434 P.	modica, Gld. Florida.....	5	
1388 H.	" var. " medium..	15	1435 P.	Arizonensis, Gabb. Nevada.....	20	
1389 H.	" var. " small....	20	1436 P.	rupicola, Say. Florida.....	5	
1390 H.	" var. redimita, Binn. Islands	20	1437 P.	hordeacella, Pilsbry. Florida.....	10	
1391 H.	" var. hybrida, Hemphill. Islands.....	20	1438 P.	armifera, Say. Ohio.....	5	
1392 H.	" var. B. castaneus, Hemphill	15	1439 P.	contracta, Say. Minnesota.....	5	
1393 H.	" aspersa, Mull., introduced. California.....	20	Section Vertigo.			
GROUP OF H. INTERCISA.			1440 P.	pentodon. Minnesota.....	5	
1394 H.	Ayresiana, Newc. Cal. Islands...	20	GENUS STROPHIA.			
1395 H.	" var. " small..	20	1441 S.	incana, Binn. Florida.....	15	
1396 H.	intercisa, Binn. California Islands.	20	1442 S.	" var. ".....	15	
1397 H.	" var. minor. ".....	20	1443 S.	" var. ".....	15	
1398 H.	" var. elegans. ".....	20	1444 S.	" var. ".....	15	
1399 H.	" var. nepos. ".....	20	FAMILY STENOGYRIDÆ.			
1400 H.	" var. albida. ".....	20	GENUS RUMINA.			
1401 H.	Tryonii, Newc. large. ".....	20	1445 R.	subula, Pfr. South Carolina.....	15	
1402 H.	" var. small. ".....	20	Section Melanella.			
1403 H.	" var. varius.....	20	1446 R.	gracillima, Pfr. Florida.....	25	
1404 H.	" var. " A small.....	20	GENUS FERUSSACIA.			
1405 H.	" var. nebulosa.....	20	1447 F.	subcylindrica, Linn. Utah, N. C....	5	
1406 H.	" var. " B small.....	20	FAMILY CYLINDRELLIDÆ.			
1407 H.	" var. " C.....	20	GENUS CYLINDRELLA.			
1408 H.	" var. fasciata.....	20	1448 C.	Poeyana, Pfr. Florida.....	20	
1409 H.	" var. " D small.....	20	GENUS MACROCERAMUS.			
1410 H.	" var. Californica.....	20	1449 M.	pontificus, Gld. Florida.....	15	
1411 H.	" var. " E small....	20	1450 M.	" var. small.....	15	
1412 H.	" var. albida.....	20	FAMILY BULIMULIDÆ.			
1413 H.	" var. " F small.....	20	GENUS BULIMULUS.			
GROUP OF H. AREOLATA.			1451 B.	multilineatus, Say. Florida.....	20	
1414 H.	areolata, Fbs. Lower California..	20	1452 B.	Marielinus, Poey. Florida.....	50	
1415 H.	" var. Veitchii, Newc. L. C.	20	1453 B.	Schiedeanus, Pfr. Texas.....	15	
			1454 B.	" var. ".....	15	

FAMILY ORTHALICIDÆ.

GENUS LIGUUS.

1455	L. fasciatus, Muller.	Florida.....	25
1456	L. " var. solida, Say.	Florida	25
1457	L. " var. black banded.	"	25
1458	L. " var. variable.	"	25

GENUS ORTHALICUS.

1459	O. undatus, Brug.	Florida	25
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FAMILY SUCCINIDÆ.

GENUS SUCCINEA.

1460	S. Haydenii, W. G. Binn.	Utah	10
1461	S. Sillimani, Bld.	California.....	10
1462	S. versicolor, Tryon.	Louisiana	15
1463	S. Salleanus, Pfr.	"	15
1464	S. Nuttalliana, Lea.	Washington.....	15
1465	S. rusticana, Gld.	California.....	15
1466	S. Oregonensis, Lea.	"	10
1467	S. obliqua, Say.	Minnesota.....	10
1468	S. campestris, Say.	Florida.....	15
1469	S. luteola, Gld.	Texas.....	10
1470	S. lineata, W. G. Binn.	Utah.....	10
1471	S. avara, Say.	California, Minn.....	5
1472	S. Gabbi, Tryon.	Utah.....	10
1473	S.	Lower California	15

FAMILY VERONICELLIDÆ.

GENUS VERONICELLA.

1474	V. Floridana, Binn.	Florida	
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FAMILY ONCHIDIIDÆ.

GENUS ONCHIDIUM.

1475	O. Carpenteri, W. G. Binn.	L. Cal...	25
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ORDER OPERCULATA.

FAMILY CYCLOSTOMIDÆ.

GENUS CHONDROPOMA.

1476	C. dentatum, Say.	Florida.....	15
1477	C. " var. "	"	15
1478	C. " var. "	"	15

FAMILY HELICINIDÆ.

GENUS HELICINA.

1479	H. orbiculata, Say.	Texas.....	10
1480	H. " var. "	"	10
1481	H. " var. "	"	10
1482	H. " var. Hanleyana.	La...	10

FRESH-WATER SHELLS.

FAMILY STREPOMATIDÆ.

GENUS ANGITREMA.

1483	A. verrucosa, Raf.	Tennessee.....	10
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Subgenus Pleurocera.

1484	P. canaliculata, Say.	Ohio.....	10
1485	P. ponderosa, Say.	Tennessee.....	10
1486	P. affine, Lea.	"	16
1487	P. Henryanum, Lea.	Georgia.....	10
1488	P. prasinatum, Conr.	Alabama	15
1489	P. subulare, Lea.	Minnesota.....	5

GENUS GONIOBASIS.

1490	G. lepida, Lea.	Alabama.....	5
1491	G. castaneus, Lea.	Tennessee.....	5
1492	G. proxima, Say.	North Carolina...	10
1493	G. plicifera, Lea.	Oregon.....	10
1494	G. " var. Oregonensis, Tryon.	Ore	15
1495	G. " var. bulimoides, "	"	10
1496	G. " var. Lea, Hemphill..	"	10
1497	G. " var. passing into the next "	"	10
1498	G. " var. rudens, Rve.	"	10
1499	G. " var. silicula, Gld.	"	10
1500	G. " var. circumlineata, Tryon"	"	10
1501	G. " var. " attenuated"	"	10
1502	G. " var. nigrina, Lea.	"	10
1403	G. " var. Draytonii, Lea.	"	10

GENUS ANCULOSA.

1504	A. pinguis, Lea.	Tennessee.....	10
1505	A. carinata, Brug.	"	10

FAMILY RISSOIDÆ.

GENUS HYDROBIA.

1506	H. egena? Gld.	California	5
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GENUS BITHYNELLA.

1507	B. turbiniformis, Tryon.	California..	5
1508	B. Binneyi, Tryon.	California.....	5
1509	B.	"	5

GENUS AMNICOLA.

1510	A. longinqua, Gld.	Utah.....	15
1511	A. limosa, Say.	Minnesota.....	5
1512	A. pallida, Hald.	New York.....	5

GENUS SOMATOGYRUS.

1513	S. isogonus, Say.	New York.....	5
1514	S. aureus, Tryon.	Tennessee	5
1515	S. parva, Lea.	"	5

GENUS FLUMINICOLA.

1516	F. fusca, Hald.	Utah.....	10
1517	F. Hindsii, Baird.	Oregon	10
1518	F. Nuttalli, Lea.	"	5
1519	F. " var. "	"	5

GENUS POMATIOPSIS.

1520	P. lapidaria, Say.	Minnesota.....	5
1521	P. intermedia, Tryon.	Nevada.....	5

FAMILY VALVATIDÆ.

GENUS VALVATA.

1522	V. tricarinata, Say.	Minnesota	5
1523	V. virens, Tryon.	California.....	10
1524	V. sincera, Say.	Idaho.....	15

FAMILY PALUDINIDÆ.

GENUS MELANTHO.

- 1525 *M. ponderosa*, Say. Tennessee..... 10
 1526 *M. integra*, Say. Minnesota..... 10

FAMILY AMPULARIDÆ.

GENUS AMPULARIA.

Subgenus Pomus.

- 1527 *P. caliginosus*, Rve. Florida..... 25

FAMILY LIMNÆIDÆ.

GENUS LIMNÆA.

- 1528 *L. stagnalis*, Linn. Minnesota..... 15
 1529 *L.* " var. *appressa*, Say. Utah..... 15
 1530 *L.* " var. *occidentalis*, Hemphill. 25
 1531 *L. columella*, Say. Georgia..... 15

GENUS RADIX.

- 1532 *R. ampla*, Mighels, Idaho..... 15
 1533 *R.* " var. Washington 15
 1534 *R.* " var. California 15

GENUS LIMNOPHYSA.

- 1535 *L. catascopium*, Say. Oregon..... 5
 1536 *L.* " var. California 5
 1537 *L.* " var. Washington 5
 1538 *L.* " var. *bulimoides*? Lea. Utah.. 5
 1539 *L.* " var. passing into the next.. 5
 1540 *L. caperata*, Say. Washington..... 5
 1541 *L.* " var. Minnesota 5
 1542 *L.* " typical, Utah..... 5
 1543 *L. humilis*, Say. Oregon..... 5
 1544 *L. proxima*, Lea. California..... 5
 1545 *L. desidiosa*, Say. Utah..... 5
 1546 *L.* " var. Washington 5
 1547 *L.* " var. Wyoming 5
 1548 *L.* " var. *acuta*, Lea. Utah.. 5
 1549 *L. palustris*, var. *Nuttalliana*, Lea. Utah 5
 1550 *L.* " var. Cal. 5
 1551 *L.* " var. Idaho 5
 1552 *L.* " var. *umbrosa*, Say. Utah.. 5
 1553 *L.* " var. Cal 5
 1554 *L.* " var. *clodes*, Say. Utah. 5
 1555 *L.* " var. " Say. Ore 5
 1556 *L.* " var. *expansa*, Hald. Cal. 5
 1557 *L.* " var. *reflexa*, Say. Minn. 5
 1558 *L.* " var. " Say. " 3
 1559 *L.* " var. " Say. " 5
 1560 *L.* " var. *attenuata*. " 5
 1561 *L.* " var. *Zebra*, Tryon. " 10
 1562 *L.* " var. *Kirtlandiana*, Lea. Utah 10

GENUS PHYSA.

- 1563 *P. Gabbi*, Tryon. California, Oregon 10
 1564 *P. Carltonii*, Lea. California..... 10
 1565 *P. ampullacea*? Gld. Idaho..... 10
 1566 *P. Sayi*? Tappen. Utah..... 5
 1567 *P. gyrina*, Say. California..... 5
 1568 *P.* " small, Washington..... 5
 1569 *P. heterostropha*, Say. Oregon, Utah. 5
 1570 *P.* " var. *malleata*, Tryon. Cal. 5
 1571 *P.* " var. *febegea*, Lea. " 5
 1572 *P.* " var. *penicillata*, Hemphill. California..... 5
 1573 *P.* " var. *Traskii*, Tryon, Cal... 5
 1574 *P.* " var. *virginia*, Gld. " 5
 1575 *P.* " var. *occidentalis*, Tryon. Cal. 5
 1576 *P.* " var. *elliptica*, Lea. Wash'n 5

GENUS PHYSA. (Continued.)

- 1577 *P. heterostropha*, var. *Warreniana*, Lea, Oregon... 5
 1578 *P.* " var. *brevispira*, Lea. Idaho 5
 1579 *P.* " var. *D'Orbigneyi*, Tryon. Cal 5
 1580 *P.* " var. *distinguenda*, Tryon. California..... 5
 1581 *P.* " var. *ancillaria*, Say. Idaho 5
 1582 *P.* " var. *sparsestriata*, Tryon. California..... 5
 1583 *P.* " var. *niagarensis*, Lea. Cal.. 5
 1584 *P. integra*, Hald. California and La... 5
 1585 *P.* " var. Idaho..... 5
 1586 *P. Cooperi*, Lea. California..... 5
 1587 *P. costata*, Newc. " 10

GENUS BULINIS.

- 1588 *B. hypnorum*, Linn. Utah..... 5
 1589 *B.* " var. *Tryonii* Currier, Utah.. 10

SUBGENUS PHYSELLA.

- 1590 *P. globosa*? Hald. Idaho..... 10
 1591 *P. columbiana*, Hemphill, Oregon... 10

SUBFAMILY POMPHOLIGINÆ.

GENUS POMPHOLYX.

- 1592 *P. effusa*, Lea. Oregon..... 20
 1593 *P.* " var. " 20
 1594 *P.* " var. *costata*, Hemphill, Or.. 20
 1595 *P.* " var. *solida*, Dall. Nevada.... 20

SUBFAMILY PLANORBINÆ.

GENUS PLANORBIS.

Whorls subcarinated above and below.

- 1596 *P. trivolvus*, var. *ammon*, Gld. Calif... 25
 1597 *P.* " var. *Traskii*, Lea. Wash.... 25
 1598 *P.* " var. *occidentalis*, Cooper, Or. 20
 1599 *P.* " var. passing into next, Ten.. 15
 1600 *P.* " var. *bicarinatus*, Say. Ore... 10
 1601 *P.* " var. " large flat, Min. 10

Whorls rounded above, subcarinated beneath.
 Lip of the aperture rising above the plane of the spire.

- 1602 *P. trivolvus*, var. Minnesota 10
 1603 *P.* " var. Say. Utah..... 10
 1604 *P.* " var. *tumidus*, Cpr. Calif.... 10
 1605 *P.* " var. *Oregonis*, Tryon, Ore.. 10
 1606 *P.* " var. Idaho 10

Lips even with or falling below the plane of the spire.

- 1607 *P. trivolvus*, var. *lentus*, Say. Minn... 10
 1608 *P.* " var. *flatter*, " 10
 1609 *P.* " var. *fallax*, Texas..... 10
 1610 *P.* " var. *near glabratus*, Calif... 10
 1611 *P.* " var. *near tumidus*, Wash... 10
 1612 *P. campanulatus*, Say. Minnesota.... 5
 1613 *P. Liebmanii*, Dunker, Texas..... 5
 1614 *P. Havenensis*, Pfr, Louisiana..... 10
 1615 *P. albus*, Mull. Minnesota..... 10

Subgenus Gyraulus.

- 1616 *G. vermiculatus*, Gld. California..... 10
 1617 *G. parvus*, Say. " 5
 1618 *G. dilatatus*, Gld. Florida..... 5

Subgenus Menetus.

- 1619 *M. opercularis*, Gld. California..... 5
 1620 *M.* " var. *planulatus*, Cooper, Was. 15
 1621 *M. exactus*, Say. Washington..... 5

GENUS SEGMENTINA.

1622 *S. armigerus*, Say. Minnesota.....

SUBFAMILY ANCYLINÆ.

GENUS ANCYLUS.

1623 *A. fuscus*, Hald. Louisiana.....1624 *A. Haldemani*, Lea. Tennessee.....1625 *A. subrotundatus*, Tryon, Oregon....1626 *A. Kootaniensis*, Baird, Washington..1627 *A. paralellus*, Hald. Minnesota.....1628 *A. " var. fragilis*, Tryon, Ore.....1629 *A. rivularis*, Say. Minnesota.....*Subgenus Acroluxus.*1630 *A. Nuttalli*, Hald. Oregon.....

GENUS GUNDLACHIA.

1631 *G. Californica*, Howell, (young) Cal...

CLASS PELECYPODA.

FAMILY CYRENIDÆ.

GENUS SPHERUM.

1632 *S. sulcatum*, Lam. Minnesota.....1633 *S. occidentale*, Prime. Idaho.....1634 *S. roseum*, Prime, Washington.....1635 *S. stramineum*, Conr. California.....

GENUS SPHERUM. (Continued.)

5 1636 *S. rhomboideum*, Say. Idaho..... 51637 *S. truncatum*, Linsley. Minnesota... 51638 *S. solidulum*, Prime. " ... 51639 *S. patella*, Gld. " ... 510 1640 *S. triangulare* ? Say. Louisiana..... 51641 *S. lenticula*, Gld. Washington..... 5

GENUS PISIDIUM.

1642 *P. compressum*, Prime. Utah..... 51643 *P. ferrugineum* ? Prime. Washington. 51644 *P. ultramontanum*, Prime. Utah..... 51645 *P. occidentalis*, Newe. California..... 51646 *P. additum*, Hald. " ... 510 1647 *P. equilaterale*, Prime. New York... 51648 *P. consanguineum* ? Prime. Nevada.. 5

FAMILY UNIONIDÆ.

GENUS MARGARITANA.

1649 *M. falcata*, Gld, purple, Idaho..... 201650 *M. " var. White*, " 20

GENUS ANODONTA.

1651 *A. Wahlamatensis*, Lea. California.. 201652 *A. Nuttalliana*, Lea. California..... 205 1653 *A. Oregonensis*, Lea. Oregon..... 205 1654 *A. Californiensis* ? Lea. Idaho..... 205 1655 *A. Augulata*, Lea. Cal. and Idaho... 20

FOSSIL SHELLS

From the Later Tertiary Beds of Upper and Lower California.

1656 *Laqueus Californicus*, Dall.....1657 *Cryptomya California*, Conr.....1658 *Corbula luteola*, Cpr.....1659 *Solecurtus Californianus*, Conr.....1660 *Solen rosaceus*, Cpr.....1661 *Macoma Secta*, Conr.....1662 " *nasuta*, "1663 " *indentata*, Cpr.....

1664 " sp.....

1665 *Tellina Bodgensis*, Hds.....1666 " *punicea*, var.....1667 " *tumida*, Sby.....

1668 " sp.....

1669 *Angulus Gouldi*, Cpr.....1670 *Clementia subdiaphana*, Cpr.....1671 *Amiantis callosa*, Cour.....1672 *Tivela crassatelloides*, Conr.....1673 *Raeta undulata*, Gld.....1674 *Chione similima*, Sby.....1675 " *succincta*, Val.....1676 " *fluctifraga*, Sby.....

1677 " sp.....

1678 " *gnidea*, Brod. and Sowb.....1679 *Dosinia ponderosa*, Gray.....1680 *Tapes staminea*, Conr.....1681 *Saxidomus Nuttalli*, Conr.....1682 *Petricola pholadiformis*, var.....1683 *Cardium procerum*, Sowb.....1684 *Liocardium*, Conr.....1685 *Cardita ventricosa*, Gld.....1686 *Lucina nuttalli*, Conr.....1687 " *crenulata*, Cpr.....1688 *Felania*.....1689 *Arca tuberculosa*, Sby.....1690 *Nucula exigua*, Sby.....1691 *Leda*.....1692 *Pecten Cerrosensis*, Gabb.....1693 " *expansus*, Dall.....1694 " *stearnsii*, Dall.....1695 " *Hemphilli*, Dall.....1696 " *aequisulcatus*, Cpr.....1697 " *paucicostatus*, Cpr.....1698 " *hastatus*, Sby.....1699 *Janaira dentula*, Sby.....1700 *Ostrea lurida*, Cpr.....1701 " *amara*, Cpr.....1702 " *Cerrosensis*, Gabb.....1703 *Tornatina culcitella*, Gld.....1704 " *inculta*, Gld.....1705 *Melampus olivaceus*, Cpr.....1706 *Dentalium hexagonum*, Sby.....

1707	<i>Dentalium semipolitum</i> , Cpr.....	1736	<i>Scalaria Hindsii</i> ? Cpr.....
1708	<i>A. insessa</i> , Hds.....	1737	" <i>Hemphilli</i> , Dall.....
1709	<i>Fissurella volcano</i> , Rve.....	1738	" <i>indianorum</i> , var, <i>tineta</i>
1710	<i>Chlorostoma Pfeifferi</i> , Phil.....	1739	<i>Opalia varicostata</i> , Stearns.....
1711	" <i>aureotinctum</i> , Fbs.....	1740	" <i>anomala</i> , Stearns.....
1712	" <i>funebre</i> , Ad.....	1741	<i>Neverita Recluziana</i> , Petit.....
1713	<i>Calliostoma Palmeri</i> , Dall.....	1742	<i>Ranella muriciformis</i> , Brod.....
1714	" <i>tricolor</i> , Gabb.....	1743	" <i>Californica</i> , Hds.....
1715	<i>Omphalins fuscescens</i> , Phil.....	1744	<i>Oliva arenosa</i> , Lam.....
1716	<i>Crucibulum spinosum</i> , Sby.....	1745	" <i>angulata</i> , Lam.....
1717	<i>Crepidula adunca</i> , Sby.....	1746	<i>Olivella biplicata</i> , Cpr.....
1718	" <i>rugosa</i> , Nutt.....	1747	" <i>bætica</i> , Cpr.....
1719	<i>Serpulorbis squamigerus</i> , Cpr.....	1748	<i>Nassa fossata</i> , Gld.....
1720	<i>Turritella gonostoma</i> , var.....	1749	" <i>perpinguis</i> , Hds.....
1721	" <i>Cooperi</i> , Cpr.....	1750	" <i>tegula</i> , Rve.....
1722	<i>Cœcum Californicum</i> , Dall.....	1751	<i>Alia gausapata</i> , Gld.....
1723	<i>Cerithidea Sacrata</i> , Gld.....	1752	" <i>Goulii</i> , Cpr.....
1724	" <i>var. albonodosa</i>	1753	<i>Anachis coronata</i> , Sby.....
1725	<i>Cerithium Stercus—muscarum</i>	1754	<i>Amphissa versicolor</i> , Dall.....
1726	<i>Bittium quadrifilatum</i> , Cpr.....	1755	<i>Strombina gibberula</i> , Sby.....
1727	<i>Lacuna vineta</i> Mont. Cpr.....	1756	<i>Monoceros engonatum</i> , Conr.....
1728	<i>Myurella Simplex</i> , Cpr.....	1757	<i>Chorus Belcheri</i> , Hds.....
1729	<i>Drillia inermis</i> , Hds.....	1758	<i>Cerostoma monoceros</i> , Sowb.....
1730	" <i>Hemphilli</i> , Stearns.....	1759	<i>Siphonalia pallida</i> , B and S.....
1731	<i>Pleurotoma maculata</i> , Sby.....	1760	<i>Pteronotus festivus</i> , Hds.....
1732	<i>Sercula Carpenteriana</i> , Gabb.....	1761	<i>Murex radix</i> , Gmel.....
1733	<i>Mangilia angulata</i> , Cpr.....	1762	<i>Balanus</i> , sp.....
1734	<i>Conus Californicus</i> , Hds.....	1763	<i>Echina</i> , sp.....
1735	<i>Eulima micans</i> , Cpr.....		

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