

INVERTEBRATE FAUNA OF THE INTERTIDAL ZONE OF THE TOKARA ISLANDS

VIII. MOLLUSCAN SHELLS¹⁾²⁾

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Molluscan shells of the following list were identified by the first two authors. The specimens, about 500 in all, were collected by the last author and composed of shells of living animals and empty shells stranded along the beach or picked up from the tips by the dwellings of the inhabitants of the islands. Names of molluscs found in the memorandums by the last author on the fauna of the Islands were also included in the list and marked by the abbreviation "mem." instead of the specimen number.

There still remain 115 specimens which could not be identified by the present authors and were submitted for further examination to Dr. T. KURODA and Mr. T. HABE, to whom we wish to express here our hearty thanks for their kindness in identifying some of the specimens listed below.

LIST OF THE SPECIES IDENTIFIED

GASTROPODA	Takarazima	Nakanosima
Fissurellidae		
1. <i>Emarginula variegata</i> A. ADAMS <small>ススイロスソケレガイ</small>	TK. No. 435	
2. <i>Scutus emarginatus</i> (PHILIPPI) <small>リュウキユウオトメガサ</small>	436	
3. <i>Clypidina (Montfortula) pulchra</i> (A. ADAMS) <small>スソカケガイ</small>	437	
4. <i>Diodora mus</i> (REEVE) <small>アサテンガイ</small>	444	
Patellidae		
5. <i>Patella (Penepatella) optima</i> PILSBRY <small>スネオツクノハ</small>	441	442*
6. <i>Cellana toreuma</i> (REEVE) <small>ヨメガカサ</small>		438, 439*
7. <i>Cellana eucosmia</i> (PILSBRY) <small>ベッコウザラ</small>		440

1) Scientific Survey of the Tokara Islands, Report No. 10.

2) Contributions from the Seto Marine Biological Laboratory, No. 234.

* Also found in Suwanosezima (mem.).

	Takarazima	Nakanosima
8. <i>Cellana nigrisquamata</i> (REEVE) カサガイ		*
Lottiidae		
9. <i>Patelloida</i> sp. キクコザラ	443	
Trochidae		
10. <i>Alcyna ocellata</i> A. ADAMS キバベニバイ	446	
11. <i>Monodonta neritoides</i> (PHILIPPI) クロズケガイ		447
12. <i>Clanculus stigmatarius</i> A. ADAMS ベニフナツモモ	448	
13. <i>Trochus maculatus</i> LINNÉ ニシキウズ	449, 450	mem.
14. ? <i>Tectus (Pyramidea) maximus</i> (PHILIPPI) サラサバイ	mem.	
Turbinidae		
15. <i>Liotina peroni</i> (KIENER) リュウキユウヒメカタベ	451	
16. <i>Liotina (Dentarene) cycloma</i> (TOMLIN) ハグルマヒメカタベ	452	
17. <i>Collonista granulosa</i> (PEASE) コダマサンシヨウスガイ	453	
18. <i>Turbo (Olearia) marmoratus</i> LINNÉ ヤコウガイ	454-458	mem. *
19. <i>Turbo (Marmarostoma) setosus</i> GMELIN マルササエ	459, 460	461
20. <i>Turbo (Marmarostoma) argyrostomus</i> LINNÉ チヨウセンサザエ	462	463
Neritidae		
21. <i>Nerita (undata) striata</i> BURROW コシタカアマガイ	316	317
22. <i>Nerita (Ritena) helicinoides laevilabris</i> PILSBRY イシダミアマガイ	318	
23. <i>Nerita (Ritena) plicata</i> LINNÉ キバアママガイ	319	320
24. <i>Nerita (Ritena) costata</i> GMELIN フトスミアマガイ	321	322
25. <i>Nerita (Ritena) reticulata</i> KARSTEN クチベニアマオブネ		323
26. <i>Nerita (Theliostyla) albicilla</i> LINNÉ アマオブネ	324	325
27. <i>Nerita (Amphinerita) polita</i> LINNÉ ニシヤアマオブネ	326	327-330
28. <i>Nerita (Amphinerita) insculpta</i> RÉCLUZ リュウキユウアママガイ		331
Cyclophoridae		
29. <i>Cyclophorus turgidus</i> (PHEIFFER) オキナワヤマタニシ	464	
Littorinidae		
30. <i>Tectarius (Nodilittorina) granularis</i> (GRAY) アラレタマキビ		332

	Takarazima	Nakanosima
31. <i>Tectarius (Nodilittorina) pictus</i> (PHILIPPI) タイワンタマキビ		333
32. <i>Tectarius (Nodilittorina) vilis</i> (MENKE) イボタマキビ	344	345
33. <i>Littorinopsis scabra</i> (LINNÉ) ウズラタマキビ		334
34. <i>Littorinopsis undulata</i> (GRAY) ホソスジウズラタマキビ	335	336-340
35. <i>Littorinopsis pintado</i> (WOOD) コウダカタマキビ	342	343
36. <i>Littorinopsis obesa</i> (SOWERBY) テリタマキビ	341	
Rissoiidae		
37. <i>Rissoina (Phosinella) cerithiiformis</i> DUNKER キンスジチヨウジガイ	346	
38. <i>Rissoina subfirmata</i> BOETTGER フトスジチヨウジガイ	347	
Assimineidae		
39. <i>Paludinella stricta</i> GOULD ウスイロヘソカドガイ		348
40. <i>Angustassiminea castanea satumana</i> HABE サツマクリイロカワザンシヨウ	349	
Vermiculariidae		
41. <i>Vermetus gordialis</i> MÖRCH リユウキユウムカデ		351
42. <i>Spiroglyphus</i> sp. ミジナムカデ		352
43. <i>Lemintina</i> sp. ヘビガイの1種		353
44. <i>Bivonia dragonella</i> KURODA MS. タツノコヘビガイ		354
Thiaridae		
45. <i>Semisulcospira libertina</i> (GOULD) カワニナ		355
Planaxidae		
46. <i>Planaxis (Angiola) virgatus</i> SMITH ヨコスジタマキビモドキ	356	357
Cerithiidae		
47. <i>Bittium (Plesiotrochus) oosimense</i> (WATSON) オオシマチヅサカニモリ	358	359
48. <i>Cerithium (Ochetoclava) sinense</i> (GMELIN) トウガタカニモリ	360	
49. <i>Contumax echinatus</i> (LAMARCK) メオノツノガイ	361	
50. <i>Semivertagus nesioticus</i> (PILSBRY & VANATTA) クリムシカニモリ		362
51. <i>Semivertagus zebra</i> (KIENER) ハナカニモリ		363
52. <i>Semivertagus stigmosus</i> (GOULD) クリフカニモリ	364	
53. <i>Conocerithium atromarginatum</i> (DESHAYES) コンシボリツノブエ	365	366

	Takarazima	Nakanosima
Triphoridae		
54. <i>Triphora lamberti</i> (HERVIER) <small>ミケイロハラブトキリオレ</small>	367	
55. <i>Triphora</i> sp.	368	
Epitoniidae		
56. <i>Gyroscaia perplexa</i> (PEASE) <small>ネシガイ</small>	228	
57. <i>Epitonium (Foliaceiscala) dubia</i> (SOWERBY) <small>ハブタエセキモリ</small>	229	
Janthinidae		
58. <i>Janthina janthina</i> (LINNÉ) <small>コンダカアサガオガイ</small>	mem.	
59. <i>Janthina balteata</i> REEVE <small>アサガオガイ</small>	230	231
60. <i>Janthina (Violetta) globosa</i> BLAINVILLE <small>ルリガイ</small>	232	mem.
61. <i>Janthina (Iodina) umbilicata</i> d'ORBIGNY <small>ヒメルリガイ</small>	233	mem.
62. <i>Recluzia montrouzieri</i> BRAZIER	234	
Naticidae		
63. <i>Polinices (Gloussaulax) didyma</i> (RÖDING) <small>ツメタガイ</small>	mem.	
64. <i>Natica (Naticarius) concinna</i> DUNKER <small>フロガイダマシ</small>	475	
65. <i>Natica (Notocochlis) picta</i> RÉCLUZ <small>カザリダマ</small>		476
66. ? <i>Natica (Notocochlis) sagittata</i> MENKE <small>ハギノツユ</small>	477	
67. <i>Natica (Tanea) rufilabris</i> REEVE <small>ホウシユノダマ</small>		478
Merriidae		
68. <i>Merria ligata</i> (RÉCLUZ) <small>マルシロネズミガイ</small>	465	
69. <i>Merria gueriniiana</i> (RÉCLUZ) <small>イトカケシロネズミガイ</small>	466	467
Amaltheidae		
70. <i>Amalthea (Antisabia) foliacea</i> (QUOY & GAIMARD)	468	469
71. <i>Pilosabia pirosa</i> (DESHAYES) <small>スズメガイ</small>	470	471
Calyptraeidae		
72. <i>Cheilea equestris</i> (LINNÉ) <small>フウリンチドリ</small>	472	
Strombidae		
73. <i>Strombus (Conomurex) luhuanus</i> LINNÉ <small>マガキガイ</small>	mem.	
74. <i>Strombus (Canarium) urceus</i> LINNÉ <small>ムカシタモト</small>	473	474

	Takarazima	Nakanosima
75. <i>Strombus (Aliger) latissimus</i> LINNÉ <small>ゴホウラ</small>	mem.	
76. <i>Lambis lambis</i> (LINNÉ) <small>クモガイ</small>	mem.	
77. <i>Lambis (Harpago) chiragra</i> (LINNÉ) <small>スイジガイ</small>	mem.	mem.
Eratoidea		
78. <i>Erato (Eratoena) sulcifera nana</i> (SOWERBY) <small>ザクロモドキ</small>	206	
79. <i>Trivirostra edgari</i> (SHAW) <small>ハダカムギガイ</small>	207	mem.
Amphiperatidae		
80. <i>Pedicularia pacifica</i> PEASE	445	
81. <i>Calpurnus (Procalpurnus) lacteus</i> (LAMARCK) <small>マメウサギガイ</small>		208
82. <i>Amphiperas ovum</i> (LINNÉ) <small>ウミウサギ</small>		mem.
Cypraeidae		
83. <i>Pustularia cicercula</i> (LINNÉ) <small>サドリダカラ</small>	167	
84. <i>Pustularia globulus</i> (LINNÉ) <small>メノウチドリダカラ</small>	168, 169	
85. <i>Naria (Paulonaria) beckii</i> (GASKOIN) <small>ジュズダマダカラ</small>	170	
86. <i>Staphylaea staphylaea</i> (LINNÉ) <small>サメダカラ</small>	171	
87. <i>Staphylaea (Nuclearia) unclaus</i> (LINNÉ) <small>イボダカラ</small>	172	
88. <i>Erosaria (Ravitrona) caputserpentis reticulum</i> (GMELIN) <small>ハナマルユキ</small>	173-175	176
89. <i>Erosaria (Erosaria) helvola</i> (LINNÉ) <small>カモンダカラ</small>	177	180
90. <i>Erosaria (Erosaria) poraria scarabaeus</i> (BORY) <small>アヤメダカラ</small>	178	179
91. <i>Erosaria (Erosaria) erosa phagedaina</i> (MELVILL) <small>コモンダカラ</small>	182	181
92. <i>Monetaria (Ornamentaria) annulus harmandiana</i> (ROCHEBRUNE) <small>ハナビラダカラ</small>	184	183
93. <i>Monetaria (Monetaria) moneta rhomboides</i> SCHILDER & SCHILDER <small>キイロダカラ</small>	185	186
94. <i>Erronea (Evenaria) artuffeli</i> (JOUSSEAUME) <small>ラヤイロキスタ</small>	188	
95. <i>Erronea (Evenaria) fimbriata</i> (GMELIN) <small>ツマベニメダカラ</small>	189	
96. <i>Erronea (Derstolida) ursellus</i> (GMELIN) <small>ホンサバダカラ</small>	190	
97. <i>Erronea (Derstolida) kieneri deprieteri</i> (SCHILDER) <small>ニセサバダカラ</small>	191	
98. <i>Erronea (Talostolida) teres</i> (GMELIN) <small>エダカラ</small>	192	
99. <i>Erronea (Ovatipsa) chinensis</i> (GMELIN) <small>スソムラサキダカラ (ムラサキキスタ)</small>		193

	Takarazima	Nakanosima
100. <i>Erronea (Cribraria) cribraria orientalis</i> (SCHILDER & SCHILDER) カノコダカラ	187	
101. <i>Luria (Basilitrona) isabella rumphii</i> SCHILDER & SCHILDER ヤナギシボリダカラ	194	195
102. <i>Mauritia (Arabica) scurra indica</i> (GMELIN) アミメダカラ	196	197
103. <i>Mauritia (Arabica) arabica asiatica</i> SCHILDER & SCHILDER ヤクシマダカラ	198, 199	200
104. <i>Mauritia (Mauritia) mauritiana calxequina</i> (MELVILL & STANDEN) ハチジョウダカラ	201	mem.
105. <i>Cypraea (Ponda) carneola</i> LINNÉ クナムラサキダカラ	202, 203	204
106. <i>Cypraea (Lyncina) vanelli</i> LINNÉ ヒメホシダカラ	205	
Cassididae		
107. <i>Cassis cornuta</i> (LINNÉ) トウカムリ	mem.	
Cymatiidae		
108. <i>Cymatium (Gelagna) clandestinum</i> (LAMARCK) トウマホ	372	
109. <i>Cymatium (Septa) aquatile</i> (REEVE) サツマボラ	369	
110. <i>Cymatium (Septa) rubecula</i> (LINNÉ) シユセイラ	370, 371	
111. <i>Cymatium</i> sp. ハンガイラ	373	
112. <i>Charonia tritonis</i> (LINNÉ) ホラガイ	mem.	
113. <i>Colubraria clathrata</i> (SOWERBY) ヒモカゲセコバイ		374
Bursidae		
114. <i>Bursa (Dulcerana) corrugata</i> (PERRY) ウネボラ		375
115. <i>Bursa (Dulcerana) jabick</i> (RÖDING) ホソウネボラ		376
116. <i>Bursa (Bursa) bufonia</i> (GMELIN) オキニシ	377	378
Tonnidae		
117. ? <i>Tonna luteostoma</i> (KÜSTER) ヤツシロガイ	mem.	
118. <i>Tonna perdix</i> (LINNÉ) ウズラガイ	379	380
Muricidae		
119. <i>Chicoreus rubicundus</i> (PERRY) ガンゼキボラ	238	
120. <i>Drupa (Cronia) margariticola</i> (BRODERIP) ウネレイシダマシ	239	
121. <i>Drupa (Maculotriton) digitalis</i> (REEVE) コメボラ		240
122. <i>Drupa (Maculotriton) serriialis longa</i> (PILSBRY & VANATTA) ゴマフヌカボラ	241	242

	Takarazima	Nakanosima
123. <i>Drupa (Morula) aspera</i> (LAMARCK) クヂムラサキレイシダマシ	243	
124. <i>Drupa (Morula) granulata</i> (DUCLOS) レイシダマシ	244	245-248
125. <i>Drupa (Morula) anaxares</i> (KIENER) ウネシロレイシダマシ	249, 250	251
126. <i>Drupa (Morula) borealis</i> (PILSBRY) ハチツヨウレイシダマシ	252	
127. <i>Drupa</i> sp.	253	
128. <i>Drupa (Morulina) pothuoui</i> (SOULEYET) コウシレイシダマシ	254	
129. <i>Drupa (Morulina)</i> sp. シロイボレイシダマシ	255	
130. <i>Drupa (Drupa) ricina</i> (LINNÉ) キマダライガレイシ	256	257
131. <i>Drupa (Drupa) albolabris</i> (BLAINVILLE) シロイガレイシ	258	
132. <i>Drupa (Drupa) morum</i> RÖDING ムラサキイガレイシ	259-261	262
133. <i>Drupa (Drupa) spathulifera</i> (BLAINVILLE) アカイガレイシ	263, 264	265
134. <i>Drupa (Drupa) rubuscaesius</i> (RÖDING) ヒロクタイガレイシ	266	267
135. <i>Drupella cornus</i> (RÖDING) シロレイシダマシ	268	
136. <i>Purpura persica</i> (LINNÉ) ホソスジテツボラ		269-272
137. <i>Purpura rudolphi</i> (LAMARCK) テツボラ		273, 274
138. <i>Purpura armigera</i> (LINK) シラクモガイ	275, 276	277
139. <i>Purpura tuberosa</i> (RÖDING) ツノレイシ	278	279
140. <i>Purpura kieneri</i> (DESHAYES) ツノテツレイシ	280, 281	282
141. <i>Purpura distinguenda</i> (DUNKER & ZELEBOR) テツレイシ	283, 284	285
Rapididae		
142. <i>Coralliophila violacea</i> (KIENER) クヂムラサキサンゴヤドリ		286
143. <i>Coralliophila squamulosa</i> (REEVE) シワトヨツガイ		287
144. <i>Coralliobia (Quoyula) monodonta</i> (BLAINVILLE) ヒトハサンゴヤドリ		288
145. <i>Leptoconchus striatus</i> RÜPPELL ムロガイ		479
146. <i>Leptoconchus rostratus</i> (A. ADAMS) クワイガイ		480
Pyrenidae		
147. <i>Pyrene punctata</i> (BRUGUIÈRE) タモトガイ	289	
148. <i>Pyrene (?) testudinaria</i> (LINK) オビニナ	290	291
149. <i>Anachis (Zafra) sinensis</i> (SOWERBY) ケシマツムシ	292	

	Takarazima	Nakanosima
150. <i>Anachis</i> (<i>Anachis</i>) <i>liocyma</i> (PILSBRY) ベニシワマツムシ	293	
151. <i>Columbella</i> (<i>Euplica</i>) <i>borealis</i> PILSBRY ヒメマルフトコロ	294	259
152. <i>Columbella</i> (<i>Euplica</i>) <i>varians</i> SOWERBY チヂミフトコロ	296	
Buccinidae		
153. <i>Engina lineata</i> (REEVE) ノシメニナ		301
154. <i>Engina melanozona</i> TOMLIN ホソノシガイ		302
155. <i>Engina mendicaria</i> (LINNÉ) ノシガイ	303	304
156. <i>Pisania</i> (<i>Japeuthria</i>) <i>cingulata</i> (REEVE) シマベツコウバイ		297
157. <i>Pisania</i> (<i>Ecmanis</i>) <i>tritonoides</i> (REEVE) マルベツコウバイ	298	
158. <i>Cantharus</i> (<i>Pollia</i>) <i>rubiginosus</i> (REEVE) ヒメホラダマシ	299	
159. <i>Cantharus</i> (<i>Pollia</i>) <i>undosus</i> (LINNÉ) スジクロホラダマン		300, 350
Nassariidae		
160. <i>Phrontis crassus</i> (PHILIPPI) アツムシロ	305	
161. <i>Nassarius</i> (<i>Alectrion</i>) <i>papillosus</i> (LINNÉ) サメムシロ		306
162. <i>Nassarius</i> (<i>Zeuxis</i>) <i>mucronatus</i> (A. ADAMS) ヒメヨフバイ	307	
Fasciolaridae		
163. <i>Latirus polygonus</i> (GMELIN) リユウキユウツノマダ	308	309
164. <i>Latirus craticulatus</i> (LINNÉ) ニシキニナ	310	311
165. <i>Latirus</i> (<i>Latirulus</i>) <i>turritus</i> (GMELIN) スジクロニシキニナ	312	
166. <i>Latirus</i> (<i>Mazzalina</i>) <i>smaragdula</i> (LINNÉ) マルニシ		313
167. <i>Peristernia nassatula</i> (LAMARCK) ムラサキツノマタモドキ	314	315
Olividae		
168. <i>Oliva emicator</i> (MEUSCHEN) サツマビナ	209	210
Mitridae		
169. <i>Pusia pardalis consanguinea</i> (REEVE) ミヨリオトメ	211	
170. <i>Pusia cancellarioides</i> (ANTON) アラレオトメ	212	213
171. <i>Mitra</i> (<i>Chrysame</i>) <i>chrysalis</i> REEVE マユフヂ	214	215
172. <i>Mitra</i> (<i>Mitra</i>) <i>stictica</i> (LINK) ニシキノキハ	216	
173. <i>Mitra</i> (<i>Strigatella</i>) <i>litterata</i> LAMARCK ミナレシマヤダテ	217	

	Takarazima	Nakanosima
174. <i>Mitra (Strigatella) paupercula</i> (LINNÉ) ナガシマヤタテ		218
175. <i>Mitra (Strigatella) zebra</i> (LAMARCK) コシマヤタテ	219	220
176. <i>Mitra (Strigatella) virgata</i> REEVE テユウシマヤタテ	221	222
177. <i>Mitra (Strigatella) decurtata</i> REEVE フトコロヤタテ	223	224
178. <i>Mitra (Dibaphus) edentula</i> (REEVE) ハナシフデ	225	
179. <i>Pterygia dactylus</i> (LINNÉ) イモフデガイ	237	
Vasidae		
180. <i>Vasum turbinellum</i> (LINNÉ) コオニコブシ	226	
181. <i>Vasum ceramicum</i> (LINNÉ) オニコブシ		227
Turridae		
182. <i>Clavus (Tylotia) exilis</i> (PEASE) ノミクダマキ	381	
183. <i>Kermia chichijimana</i> PILSBRY var. チチジマコウシツブ	382	
184. <i>Philbertia</i> sp.	383	
Conidae		
185. <i>Conus (Chelyconus) catus</i> BRUGUIÈRE アラレイモ	384	385
186. <i>Conus (Stephanoconus) lividus</i> BRUGUIÈRE イボシマイモ	386, 387	388
187. <i>Conus (Lithoconus) flavidus</i> LAMARCK キヌカツギ	389	390
188. <i>Conus (Rhizoconus) rattus</i> BRUGUIÈRE ハイイロムシロイモ	406, 407	
189. <i>Conus (Pinoconus) cinereus</i> BRUGUIÈRE ハイイロイモガイ		408, 409
190. <i>Conus (Virroconus) ebraeus</i> LINNÉ マダライモ	391, 392	393
191. <i>Conus (Virroconus) chaldaeus</i> (RÖDING) コマダライモ	394	395, 396
192. <i>Conus (Virroconus) musicus</i> BRUGUIÈRE ガクフイモ	397	398
193. <i>Conus (Virroconus) fulgetrum</i> SOWERBY サヤガタイモ	399, 400	401
194. <i>Conus (Virroconus) coronatus</i> GMELIN ジュズカケサヤガタ		402
195. <i>Conus (Virroconus) sponsalis</i> BRUGUIÈRE ハサワイモ		403
196. <i>Conus (Gastriidium) obscurus</i> REEVE ムラサキアンボイナ	404	405
197. <i>Conus (Gastriidium) tulipa</i> LINNÉ シロアンボイナ	410	
198. <i>Conus (Darioconus) retifer</i> MENKE ハナイモガイ	411	

	Takarazima	Nakanosima
Pyramidellidae		
199. <i>Otopleura glans</i> (REEVE) スツグロクヂキレ	235	
200. <i>Miralda gemma</i> (A. ADAMS) ホソアラレクヂキレ		236
Atyidae		
201. <i>Atya (Aliculastrum) cylindrica</i> (HELBLING) カイコガイ	412	
202. <i>Haloa binotata</i> (PILSBRY) ニクイロブドウガイ	413	
Cavolinidae		
203. <i>Diacria trispinosa</i> (BLAINVILLE) ヒラカメガイ	414	
204. <i>Cavolinia uncinata</i> (RANG) クワイロカメガイ	415	
205. <i>Cavolinia globulosa</i> (RANG) マルカメガイ	416	
Ellobiidae		
206. <i>Laemodonta hirsuta</i> (GARRETT) マキスジコシミガイ	417	
207. <i>Melampus caffer</i> (KÜSTER) ハマレイノミガイ	418	419
Siphonariidae		
208. <i>Siphonaria laciniosa</i> (LINNÉ) コウダカカラマツ	420	421
209. <i>Siphonaria rucuana</i> PILSBRY コビトカラマツガイ	422, 423	
210. <i>Siphonaria atra</i> QUOY & GAIMARD ヒラカラマツガイ		424
211. <i>Siphonaria subatra</i> PILSBRY クロカラマツ	426	425
Lymnaeidae		
212. <i>Lymnaea</i> sp.		mem.
Onchidiidae		
213. <i>Onchidium verruculatum</i> CUVIER イソアワモチ	427, 428	mem.
Clausiliidae		
214. <i>Zaptyx (Metazaptyx) tokarana</i> (PILSBRY) トカラノミキセル		429
Bradybaenidae		
215. <i>Bradybaena phaeogramma</i> (ANCEY) タメトモマイマイ	430	431
216. <i>Bradybaena (Acusta) despecta</i> (SOWERBY) オキナワウスカワマイマイ	432	
217. <i>Satsuma oshimae</i> (PILSBRY) オオシママイマイ	433	
218. <i>Euhadra pachya</i> (PILSBRY) クロマイマイ	434	

	Takarazima	Nakanosima
<i>PELECYPODA</i>		
Arcidae		
219. <i>Arca avellana</i> LAMARCK <small>ククリネのアサリ</small>	92, 93	94
220. <i>Barbatia bicororata</i> (DILLWYN) <small>ベニエガイ</small>	95	
221. <i>Barbatia lima</i> (REEVE) <small>エガイ</small>	96	97
222. <i>Acar plicata</i> (DILLWYN) <small>コシロガイ</small>	98	
Mytilidae		
223. <i>Volsella plumescens</i> (DUNKER) <small>リュウキユウヒバリガイ</small>	99	100
224. <i>Brachidontes (Hormomya) mutabilis</i> (GOULD) <small>ヒバリガイモドキ</small>	101	
225. <i>Septifer bilocularis</i> (LINNÉ) <small>クシヤクガイ</small>	102	
226. <i>Septifer excisus</i> (WIEGMANN) <small>シロインコガイ</small>	103	104, 105
227. <i>Lithophaga (Doliolabis) lithura</i> PILSBRY <small>キカイイシマテ</small>	106	
Isognomonidae		
228. <i>Isognomon marsupialis</i> (RÖDING) <small>カイシアオリ</small>	107-110, 113	111, 112, 114
229. <i>Isognomon acutirostris</i> (DUNKER) <small>ヘリトリアオリガイ</small>	115	116, 166
Pteriidae		
230. <i>Pinctada panasesae</i> (JAMESON) <small>ミドリアオリガイ</small>	117	
Pinnidae		
231. <i>Pinna (Quantulopinna) muricata</i> LINNÉ <small>イワカワハゴロモガイ</small>	118	
Pectinidae		
232. <i>Plicatula horrida</i> DUNKER <small>イシガキモドキ</small>	139	
233. <i>Chlamys (Gloripallium) pallium</i> (LINNÉ) <small>チサラガイ</small>	119	
234. <i>Chlamys (Chlamys) schmeltzii</i> (KOBELT) <small>ヤガスリヒヨク</small>	120	
235. <i>Spondylus squamosus</i> SCHREIBERS <small>メシガイ</small>		121
236. <i>Spondylus sanguineus</i> DUNKER <small>チイロメンガイ</small>		122
Ostreidae		
237. <i>Gryphaea (Saxostrea) mordax</i> GOULD <small>スハツロガイ</small>	123-129	130, 131
Trapeziidae		
238. <i>Trapezium oblongum</i> (LINNÉ) <small>スエヒロフナガタガイ</small>	158	

	Takarazima	Nakanosima
Codakiidae		
239. <i>Codakia paytenorum</i> (IREDALE) ウラキツキガイ	159	160
240. <i>Codakia delicatula</i> (PILSBRY) ウミアサ	161	162
Erycinidae		
241. <i>Kellia cycladiformis</i> (DESHAYES) チチノシタタリ	164	
Chamidae		
242. <i>Chama iostoma</i> CONRAD カネツケザル	132-134	135, 136
243. <i>Chama brassica</i> REEVE (var.) シロザル	137	138
244. <i>Chama (Pseudochama) retroversa</i> LISCHKE サルノカシラ		163
Tridacnidae		
245. <i>Tridacna (Vulgodacna) maxima</i> (RÖDING) オオシラナミ	140	141
246. <i>Tridacna (Chametrachea) crocea</i> (LAMARCK) ヒメシヤコ	142	
Veneridae		
247. <i>Gafrarium dispar</i> (DILLWYN) ヒメイナミガイ		143
248. <i>Gafrarium pectinatum</i> (LINNÉ) ホソスジイナミガイ	144	
249. <i>Meretrix meretrix lusoria</i> (RÖDING) ハマヅリ	145	
250. <i>Venus (Periglypta) reticulata</i> LINNÉ アラヌノメ	146, 147	148
Asaphidae		
251. <i>Asaphis dichotoma</i> (ANTON) リエウキユウマスホウ	149-151	152
Semelidae		
252. <i>Semele carnicolor</i> (HANLEY) サメザラモドキ	153	157
Tellinidae		
253. <i>Cyclotellina (Scutarcopagia) scobinata</i> (LINNÉ) サメザラ	154, 155	156
254. <i>Fabulina (Jactellina) obliquestriata</i> (SOWERBY) ゴシヤザクラ	165	
CEPHALOPODA		
Nautilidae		
255. <i>Nautilus pompilius</i> LINNÉ オオムガイ	482	
Argonautidae		
256. <i>Argonauta hians</i> SOLANDER タコブネ	481	

GENERAL REMARKS ON THE MOLLUSCAN FAUNA

From the last author's observations on the islands and from an examination of the present material, some of the following features seem to be accepted safely as hints of the characteristics of the molluscan fauna of these islands.

1. Common shells in Takarazima and Nakanosima.

Pelecypoda: *Asaphis dichotoma* (ANTON) is the commonest species in both islands, next is *Venus (Periglypta) reticulata* LINNÉ. *Cyclotellina (Scutarcopagia) scobinata* (L.) is common in Takarazima, but rather rare in Nakanosima.

Neritidae: *Nerita (undata) striata* BURROW, *Nerita (Ritena) plicata* L. and *Nerita (Theliostyla) albicilla* L. are met with frequently in both Takarazima and Nakanosima. *Nerita (Ritena) helicinoides laevilabris* PILSBRY was common in Takarazima, but not found at all in Nakanosima where *Nerita (Amphinerita) insculpta* RÉCLUZ was found rather commonly. *Nerita (Amphinerita) polita* L. is more abundant in Nakanosima than in Takarazima. *Nerita (Ritena) costata* GMELIN is very rare in both islands.

Littorinidae: The littorinid fauna in both islands mostly consist of *Tectarius (Nodilittorina) vilis* (MENKE). In Nakanosima, a considerable number of *Tectarius (Nodilittorina) granularis* (GRAY) and *Littorinopsis undulata* (GRAY) were found in the littorinid zone, while in Takarazima the last author found only 3 shells of the former and 2 of the latter, which are less than 7 mm in height against 13 mm in individuals from Nakanosima. *Littorinopsis obesa* (SOWERBY) was found sparsely in Takarazima. *Tectarius (Nodilittorina) pictus* (PHILIPPI), *Littorinopsis pintado* (WOOD) and *Littorinopsis scabra* (L.) were all very rare. Generally speaking the littorinid fauna is very simple in Takarazima, this is probably due to poor flow of the fresh water and the regular outline of the island.

Cypraeidae: *Mauritia (Mauritia) mauritiana calxequina* (MELVILL & STANDEN) and *M. (Arabica) arabica asiatica* SCHILDER & SCHILDER are common in both islands. *Pustularia* was met with frequently only in Takarazima.

Muricidae: *Drupa (Drupa) morum* RÖDING and *Drupa (Drupa) ricina* (L.) are common in both Takarazima and Nakanosima, slightly commoner in the former locality than in the latter. *Drupa (Cronia) margariticola* (BRODERIP), *Drupa (Morulina)* sp. (No. 129) and *Drupa (Drupa) albolabris* (BLAINVILLE) were found rather commonly in Takarazima, but not found at all in Nakanosima. *Purpura kieneri* (DESHAYES) was found in both islands, while shells of *Purpura persica* (L.) and *P. rudolphi* (LAM.) were found only in Nakanosima. *P. persica* and *P. rudolphi* are generally used for food by the inhabitants in Nakanosima and this is the reason

why remains of these snails were found abundantly on that island.

Buccinidae: *Engina mendicaria* (L.) is common on the reef in both islands.

Mitridae: *Mitra* (*Strigatella*) *virgata* REEVE and *Mitra* (*Strigatella*) *decurtata* REEVE are common in both islands. A considerable number of *M. (St.) litterata* LAM. and *M. (St.) zebra* LAM. were found also in Takarazima.

Conidae: *Conus* (*Virroconus*) *ebraeus* L. and *G. (V.) chaldaeus* (RÖDING) are the commonest conids in both islands. *C. (Stephanoconus) lividus* BRUGUIÈRE, *C. (Lithoconus) flavidus* LAM., *C. (V.) fulgetrum* SOW., *C. (Pinoconus) cinereus* BRUGUIÈRE and *C. (Rhizoconus) rattus* BRUGUIÈRE, all yellowish brown in colour when alive, were found rather frequently.

Siphonariidae: The siphonariid fauna differs distinctly between Takarazima and Nakanosima. In the former, *Siphonaria rucuana* PILSBRY and *S. laciniosa* (L.) were found commonly, especially *S. rucuana* which was found only in this island. In the latter, *S. subatra* PILSBRY was found commonly; *S. atra* Q. & G. was found solely in this island, though few in number.

Brackish area: *Melampus caffer* (KÜSTER) is common in both islands. *Paludinella stricta* GOULD* was common in Nakanosima, while in Takarazima *Angustassimineia castanea satumana* HABE was found frequently.

Lapid shells: Empty shells of *Bradybaena (Acusta) despecta* (SOWERBY) scattered very abundantly in "Sabaku" of Takarazima were one of the most impressive sights in this island.

2. Species found under stones.

Isognomon perna (L.) and *Planaxis (Angiola) virgatus* SMITH occur commonly in both islands. The molluscs found under stones are much richer in Takarazima than in Nakanosima; namely *Pinctada panasesae* (JAMESON), *Chama brassica* REEVE (var.), *Anachis (Zafra) sinensis* (SOW.), *Emarginula variegata* A. ADAMS, *Collonista granulosa* (PEASE), *Triphora* sp., *Kermia chichijimana* PILSBRY var. and *Bittium (Plesiotrochus) oosimense* (WATSON) were found in Takarazima in a considerable number. The last one of these species was found also in Nakanosima, but very few in number.

3. Some characteristics of the molluscan fauna in both islands.

Rich fauna in Takarazima: 204 species occurred in Takarazima and 141 species

* *Angustassimineia castanea satumana* HABE read in the 24th line, p. 135, Vol. III, No. 2 of this journal must be corrected as *Paludinella stricta* GOULD.

in Nakanosima. Small or delicate shells, for instance Atyids or Pteropods are found much more abundantly and perfectly in Takarazima than in Nakanosima. This is probably due to the topographic difference between the coasts of the islands. The beach of Nakanosima seems to be too rough to preserve those shells perfectly. Nevertheless, the molluscan fauna of Nakanosima has some representatives which are very rare or not included in the collection from Takarazima, namely *Septifer excisus* (WIEGMANN), *Spondylus* spp., *Tridacna* (*Vulgodacna*) *maxima* (RÖDING), *Cellana* spp., Vermiculariids and Rapids.

Differences of size and colour in some species: *Isognomon acutirostris* (DUNKER) reaches 21 mm in length in Takarazima, while most of shells from Nakanosima are less than 9 mm in length, although some stranded empty shells reach 24 mm. *Gryphaea* (*Saxostrea*) *mordax* GOULD seems to grow better in Takarazima than in Nakanosima; it reaches 40 mm × 65 mm ~ 45 mm × 70 mm in size of the shell in the former, while the largest shells in the latter location are 20 mm × 45 mm ~ 25 mm × 35 mm. Some shells attached to the stones near the mouth of the brook on the western coast of Nakanosima are very irregular in shape and assume a generally peculiar appearance which may easily lead to misidentification. *Purpura kieneri* (DESHAYES), *Nerita* (*undata*) *striata* BURROW and *Nerita* (*Ritena*) *plicata* L. are all smaller in Nakanosima than in Takarazima; respectively 25 mm in height in Nakanosima and 35 mm in Takarazima, 22 mm in diameter in Nakanosima and 27 mm in Takarazima, and 14 mm in diameter in Nakanosima and 22 mm in Takarazima. Among the living animals examined, *Nerita* (*Theliostyla*) *albicilla* L. seems to be coloured darker in Nakanosima than in Takarazima. *Nerita* (*Amphinerita*) *polita* L. shows the same tendency and at the same time shows a richer variety of colouration and pattern in Nakanosima.

Occurrence of tropical shells in Takarazima: *Cassis cornuta* (L.), *Strombus* (*Aliger*) *latissimus* L. and *Lambis lambis* (L.) were observed only in Takarazima, although they were all stranded empty shells. The shell of *Lambis* (*Harpago*) *chiragra* (L.) was found in both islands, but that observed in Nakanosima was a young one. *Turbo* (*Olearia*) *marmoratus* L., the most important gastropod in these islands both as the source of the material for the artistic shellwork and as an important source of food, is also much more abundant in Takarazima than in Nakanosima.