



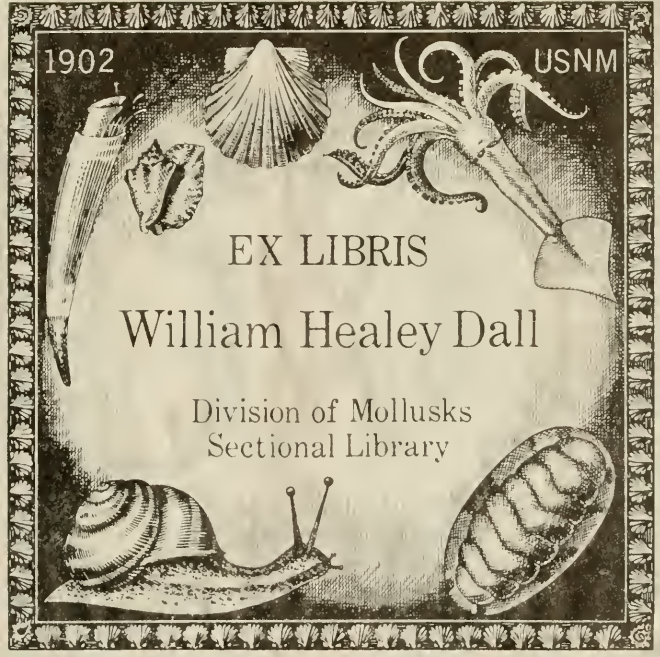
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Mollusca

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19

THE

CONCHOLOGICAL

ILLUSTRATIONS,

BY

Division of Mollusks
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G. B. SOWERBY, JUN.

LONDON:

SOWERBY, 50, GREAT RUSSELL STREET,
BLOOMSBURY.

1841.

for date see Proc Mal Soc 8 p. 340

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NOTICE.

THE artist and proprietor feels unwilling to present this series of Illustrations to the scientific public, without taking advantage of the opportunity afforded by its completion, to acknowledge his obligations for the support he has received. During the periodical issue of the parts, he has experienced the utmost kindness and attention from collectors, who have materially assisted him by throwing open their cabinets for his inspection, and by freely allowing him the use of their new and rare shells. He has also enjoyed a degree of patronage in the sale of the parts, which, although not amounting to a remuneration for the labour, has sufficed to meet the pecuniary expenses attending their production, and also to afford the prospect of ultimate advantage. The 1,500 figures contained in the work, represent 1,000 new species and varieties of 21 different Genera, and include all the species of *Cypræa*, *Chilina*, *Neritina*, *Margarita*, *Eulima*, and *Typhis*.

The catalogues embrace 19 Genera, and contain a reference to the description and to the best figure of each species, as far as could be known, up to the date of their publication. Those which were published in the earlier part of the work are from the pen of Mr. G. B. Sowerby, Sen. For the four last, viz.—those of *Chiton*, *Cardium*, *Murex*, and *Typhis*, a younger and less experienced conchologist must be held responsible. With regard to the whole of them, it is hoped that although some errors and imperfections must have occurred, they will yet be found to present as complete and perfect accounts of the Genera of which they treat as could be expected, considering the intricacies and difficulties of the

c. Sowerby, G.B.

task; and they will be found to assist materially in the advancement of conchological knowledge. The three remaining Genera, of which illustrations, but not catalogues, have been given, are accompanied by indices referring to descriptions and stating localities in every practicable instance.

A short interval will probably elapse before the commencement of a new series, and it is at present a subject of consideration whether the Illustrations will be continued in the same form. It has been suggested that monographs of Genera, with the figures on a reduced scale, could be published at a much smaller expense, in proportion to the number of species, and would be more generally useful than the present plan. In compliance with these suggestions, the proprietor is engaged in preparing monographs of several Genera, which will make their appearance at about the fall of the year, and the calculations made give reason to hope that the figures and descriptions may be produced at the rate of about one penny for each species.

From the fact that the figures contained in the present work, are constantly quoted by the English and Continental conchologists, who have written during the course of its publication, there can be no doubt of the desirableness of continuing to publish figures of species, accompanied by information respecting localities, characters, and nomenclature, and the artist would feel a pleasure in doing so, even had he no reason to hope for a greater amount of usefulness or of success than at present enjoyed; but the question is, whether, by altering the plan, and reducing the scale of the figures, he might not command a greater degree of success, and contribute to the advancement of conchological knowledge, to a wider extent. The experiment is about to be made, and in taking leave of the subscribers for a time, the gratifying hope is entertained, that the future re-appearance of the artist, will take place under the influence of their continued encouragement, strengthened by that of many other friends to the science.

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(The word "*all*" placed against figures in the 3rd column signifies that the whole of the known species are represented.

The letters "*re*" distinguish those catalogues which have been re-printed, and of which the old copies are to be cancelled.)

Genera	Numbers of parts	Species and varieties figured	No. of figures	Letter Press	No. of pages
Amphidesma	17 18 19	12	71	Catalogue and Index	2 re
Cardium	{ 46 to 51 } { 149 150 } { 177 to 184 }	70	89	Catalogue and Index	8
Nucula	14 15 16	24	25	Catalogue and Index	4 re
Chiton	{ 38 to 45 }	150	195	Catalogue and Index	10
Chitonellus	{ 159 to 176 }	150	195	Desc. of British species	8
Fissurella	68 to 78	80	77	88	Catalogue and Index 10
Bulinus	{ 21 22 23 24 } { 27 30 31 34 } { 35 137 to 146 } { 185 186 }	119	152	Index, localities, &c.	4 re
Chilina	135 136	13 all	21 all	Catalogue and Index	2 re
Neritina	{ 86 87 90 91 } { 94 to 100 }	66 all	125 all	Catalogue and Index	4 re
Eulima	52 53	19 all	19 all	Catalogue and Index	2 re
Margarita	132 133 134	15 all	30 all	Catalogue	2
Cancellaria	9 to 13	45	47	Catalogue and Index	10 re
Murex	{ 58 to 67 } { 187 to 199 }	112	128	Catalogue and Index	12
Typhis	200	6 a"	11 all	Catalogue and Index	2
Ranella	{ 84 85 88 } { 89 92 93 }	25	37	Index, localities, &c.	2
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Frato	{ 1 to 8 }	7	9	Catalogue and In- dex to Cyprææ	26
Ovulum	{ 101 to 131 }	4	6		
Cypræa	{ 168 to 327 }	168	327		
Conus	{ 24 25 28 29 } { 32 33 36 37 } { 54 to 57 } { 147 148 } { 151 to 158 }	137	153	Index, localities, &c.	4

DIRECTIONS TO THE BINDER.

The Plates, Catalogues, Indices, &c. should follow each other in the order indicated in the "Table of Contents."

The word at the head of each plate will point out the genus to which it belongs and the figures connected with the subjects will show the order in which the plates of each genus follow each other. They should be placed, so as to lie open on the right side of the book.

A CATALOGUE
OF THE
RECENT SPECIES OF THE GENUS
AMPHIDESMA.

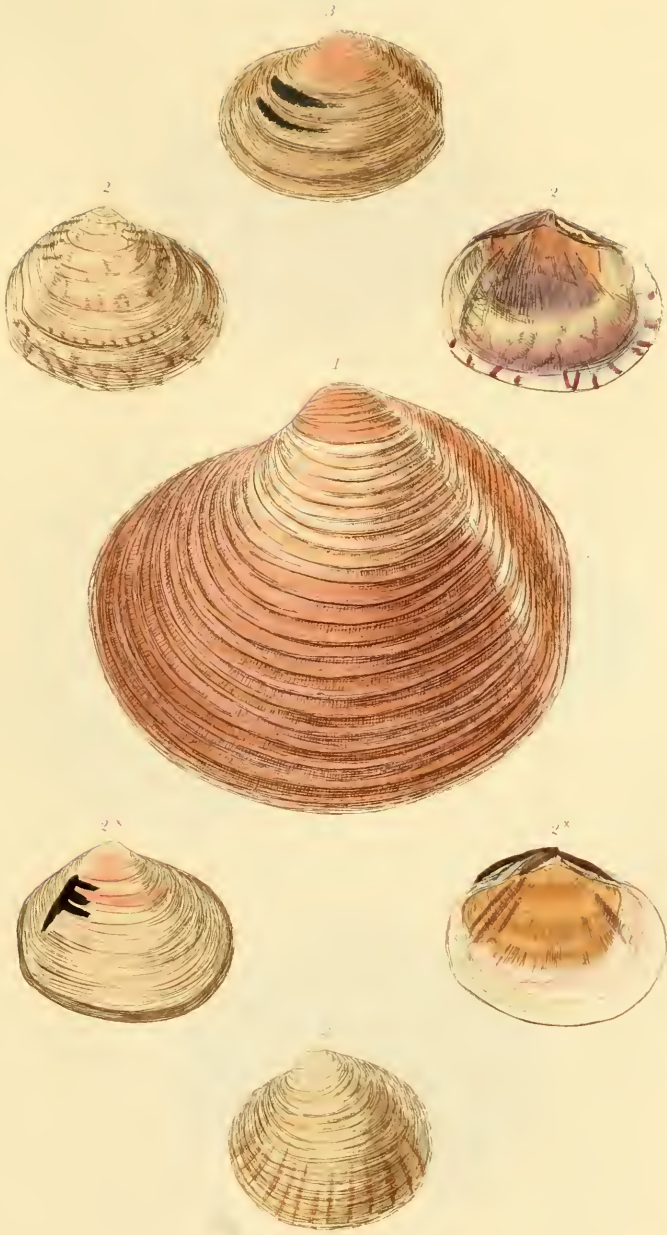
1. *variegatum* Lam. Spec. Conch. *Amphidesma*. f. 1, 2, 3. Brazil.
2. *pulchrum nob.* Z. P. 1832, Dec. Conch. Ill. f. 2. St. Elena. W. Columbia. var. f. 2* Panama. Mr. Cuming.
3. *pallidum nob.* Z. P. 1832, Dec. Conch. Ill. f. 3. Salango, W. Col. Mr. Cuming.
4. *formosum nob.* Z. P. 1832, Dec. Conch. Ill. f. 8. St. Elena. Mr. Cuming.
5. *roseum nob.* Z. P. 1832, Dec. Conch. Ill. f. 1. Tumbes, Peru. Mr. Cuming.
6. *ellipticum nob.* Z. P. 1832, Dec. Spec. Conch. f. 17. Monte Christi, W. Col. Mr. Cuming.
7. *australe nob.* Z. P. 1832, Dec. Conch. Ill. f. 4. Lord Hood's Island, S. Seas, Mr. Cuming, and N. S. Wales, G. Humphrey.
8. *corrugatum nob.* Z. P. 1832, Dec. Spec. Conch. f. 18. Iquiqui, Peru. Mr. Cuming.
9. *subtruncatum nob.* Spec. Conch. f. 5, 19, 20. West Indies.
10. *solidum Gray*, Spicilegium Zoologicum part 1, p. 6, t. 6, f. 6, Spec. Conch. f. 6. Valparaiso, Mr. Cuming.
11. *cordiforme, nob.* Spec. Conch. f. 7. *Tellina Cordiformis* Chemn. XI. f. 1931, 1932. Indian Ocean.
12. *Rupium nob.* Z. P. 1832, Dec. Conch. Ill. f. 10. Lord Hood's Island. var. f. 10* Galapagos Islands. Mr. Cuming.
13. *cancellatum nob.* Spec. Conch. f. 8. Antigua and St. Vincents.

14. lamellosum *nob.* Spec. Conch. f. 9, 19. Indian Ocean.
 15. reticulatum *nob.* Spec. Conch. f. 11, 12. Brazil and
 W. Indies.
 ✓ 16. crenulatum *nob.* Spec. Conch. f. 13.
 ✓ 17. duplicatum *nob.* Spec. Conch. f. 14, 15. Ceylon.
 18. punctatum *nob.* Z. P. 1832, Dec. Conch. Ill. f. 7. Gal-
 apagos Islands. Mr. Cuming.
 19. purpurascens *nob.* Z. P. 1832, Dec. Conch. Ill. f. 5.
 St. Elena. W. Col. Mr. Cuming.
 ✓ 20. multicostatum *nob.* Spec. Conch. f. 16.
 21. lenticulare *nob.* Z. P. 1832, Dec. Conch. Ill. f. 9. St.
 Elena, W. Col. Mr. Cuming.
 22. læve *nob.* Z. P. 1832, Dec. Conch. Ill. f. 6 Xipixapi.
 W. Col. Mr. Cuming.
 ✓ 23. prismaticum *Lam.* Spec. Conch. f. 21. British.
 ✓ 24. tenue *Lam.* Spec. Conch. f. 22. British.
 ✓ 25. Boysii *Lam.* Spec. Conch. f. 23. British.
 ✓ 26. Siculum *nob.* Spec. Conch. f. 24. Sicily.

LIST OF FIGURES. Parts 17 to 19.

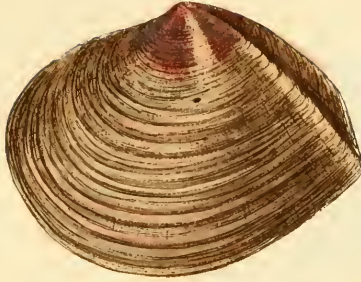
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|------------------------------|-----------------------------|
| Fig. 1. <i>A. roseum.</i> | Fig. 6. <i>A. læve.</i> |
| 2. <i>A. pulchrum.</i> | 7. <i>A. punctatum.</i> |
| 2.* <i>A. pulchrum, var.</i> | 8. <i>A. formosum.</i> |
| 3.* <i>A. pallidum.</i> | 9. <i>A. lenticulare.</i> |
| 4. <i>A. australe.</i> | 10. <i>A. Rupium.</i> |
| 5. <i>A. purpurascens.</i> | 10.* <i>A. Rupium, var.</i> |

Impedesia

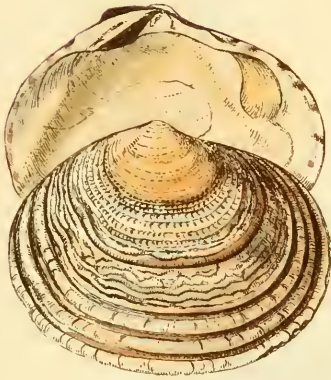


Amphidesma

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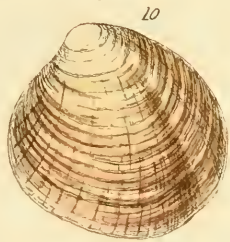
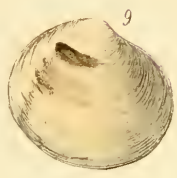
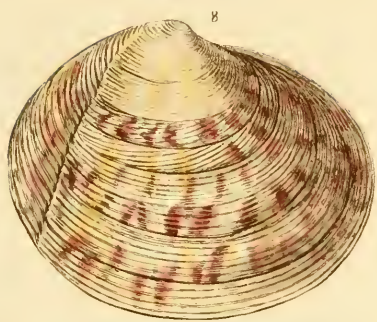
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Amphidesma



CARDIUM.

A

CATALOGUE OF RECENT SPECIES,

BY

By G. B. SOWERBY, Jun.

No.

- 1 *C. costatum*, *Linn. Syst. Nat.* p. 1121. *Chemn. Conch.* t. 15, f. 151. 152. Africa.
- 2 *C. indicum*, *Lam. Anim. sans vert.* t. 6, p. 4. *Con. Illus.* f. 46. ~~N.W. coast of America.~~
- 3 *C. ringens*, *Lam. Brug. Dict. No.* 21. *Chemn. Conch.* t. 16, f. 170. Gambia, Africa.
- 4 *C. Sinense*, *Sow. jun. Zool. Proc.* 1840. *Con. Illus.* f. 35. China.
- 5 *C. Asiaticum*, *Brug. Dict. No.* 19. *Chemn. Conch.* t. 15, f. 153, 154, Nicobar Isl.
- 6 *C. laticostatum*, *Sow. Zool. Proc.* 1833. p. 85. *Con. Illus.* f. 30. Xipixapi, West Colombia. Mr. Cuming.
- 7 *C. fimbriatum*, *Lam. Anim. sans vert.* t. 6, p. 5. *Beech. Zool.* t. xlii. f. 1. *Wood Gen. Conch.* t.—. China.
- 8 *C. tenui-costatum*. *Lam. Anim. sans vert.* t. 6, p. 5. *Con. Illus.* f. 62. (tenuis) f. 36. (varium.) f. 19. Swan River, N. Holland.
- 9 *C. striatulum*, *Sow. jun. Zool. Proc.* 1840. *Con. Illus.* f. 16. 45. Australia, New Zealand, Mr. G. Benett.
- 10 *C. Australe*, *Sow. jun. Zool. Proc.* 1840. *Con. Illus.* f. 12* (*C. Sauciatum*, Beck.—?) Australia, (Var.) China, Ceylon.
- 11 *C. Cumingii*. *Brod. Zool. Proc.* 1833. p. 82. *Con. Illus.* f. 5. Central Amer. G. of Dulce. Mr. Cuming.
- 12 *C. apertum*, *Brug. Dict. No.* 22. *Chem. Conch.* t. 18. f. 181-3. Jamaica.

- No.
- 13 *C. papyraceum*, *Brug.* Dict. No. 29. Chemn. Conch. t. 18, f. 184, Con. Illus. f. 55. 56. Japan.
- 14 *C. bullatum*, *Lam.* Anim. sans vert. t. 6, p. 6. Solen bullatus, *Linn.* C. Soleniforme, *Brug.* Chem. Conch. t. 6. f. 49. 50. Jamaica, St. Vincents.
- 15 *C. aspersum*, *Sow.* Zool. Proc. 1833. p. 85. Con. Illus. f. 15. St. Elena. Mr. Cuming.
- 16 *C. ringiculum*. *Sow. Jun.* Zool. Proc. 1840. Con. Illus. f. 11. St. Vincents.
- 17 *C. latum*, *Brug.* Dict. No. 33. Chemn. t. 19, f. 192. 193. Asia.
- 18 *C. Pseudolima*, *Lam.* Anim. sans. vert. t. 6, p. 7. Con. Illus. f. 67. Red Sea.
- 19 *C. Icelandicum*, *Gmel.* p. 3252. Chemn. t. 19, f. 195. 196. Iceland.
- 20 *C. punctulatum*, *Brod. & Sow.* Zool. Journ. iv. p. 366. Con. Illus. f. 7. Loc. not known.
- 21 *C. rusticum*, *Linn.* Syst. Nat. p. 1124. Chemn. Conch. t. 19. f. 197. test. *Jun.* *C. fasciatum*, *Mont.* Test. Brit. Suppl. p. 30, t. 27, f. 6. Britain & Mediterranean.
- 22 *C. edule*. *Linn.* Syst. Nat. p. 1125, Chemn. Conch. t. 19, f. 194. var. *C. crenulatum*. *Lam.* Britain.
- 23 *C. nodosum*, *Montagu*, Test. Brit. p. 81. Turton. Brit. Biv. pl. 13, f. 8. Britain.
- 24 *C. ovale*, *Nob.* *C. elongatum* (preoccupied) *Mont.* Test. Brit. p. 82. Turt. Brit. Biv. t. 13, f. 9. Britain.
- 25 *C. exiguum*, *Gmel.* 3255, *Lister.* t. 317, f. 154. Britain.
- 26 *C. Siculum*, *Sow. jun.* Zool. Proc. 1840. Con. Illus. f. 31. Sicily.
- 27 *C. Arcticum*, *Sow. jun.* Zool. Proc. 1840. Con. Illus. f. 26. Arctic Seas.
- 28 *C. tuberculatum*, *Linn.* Syst. Nat. p. 1122. Chemn. Conch. t. 17, f. 173. Britain and Mediterranean.
- 29 *C. paucicostatum*, *Sow. jun.* Zool. Proc. 1840. Con. Illus. f. 20. Sicily.

- No.
- 30 *C. Deshayesii*, *Payr.* p. 56, t. 1, f. 33. 35. *Con. Illus.*
f. 70. Sicily.
- 31 *C. echinatum*, *Linn. Syst. Nat.* p. 1122. *Chemn. Conch.*
t. 200, f. 1951-3. test. jun. *C. ciliare*. *Gmel.* 29.
Britain and Sicily.
- 33 *C. aculeatum*. *Linn. Syst. Nat.* p. 1122. *Chemn. Conch.*
t. 15, f. 156. Europe. ⁵⁵
- 34 *C. crinaceum*. *Lam. Anim. sans vert.* t. 6. p. 8. *Chemn.*
Conch. t. 15. f. 157. Mediterranean.
- 35 *C. multispinosum*, *Sow. jun. Zool. Proc.* 1840. *Con. Illus.*
f. 38, 38. a. Misamis, Isl. Mindinao. Mr. Cuming.
- 36 *C. exasperatum*, *Sow. jun. Zool. Proc.* 1840. *Con. Illus.*
f. 37. Swan River.
- 37 *C. papillosum*, *Poli Test. utriusque Siciliae*, *Con. Illus.*
f. 69. Sicily.
- 38 *C. graniferum*, *Brod. and Sow. Zool. Journ.* iv. p. 367.
Con. Illus. f. 17. Pacific Ocean. Mr. Cuming.
- 39 *C. Isocardia*, *Linn. Syst. Nat.* p. 1122. *Chemn. Conch.*
t. 17, f. 174, 176. America.
- 40 *C. Consors*. *Sow. Zool. Proc.* 1833. p. 85. *Con. Illus.* f. 8.
St. Elena. Guacomayo, Mr. Cuming. The imbri-
cations on the ribs are closer than in *C. Isocardia*.
- 41 *C. Belcheri* *Brod. & Sow. Zool. Journ.* iv. p. 366. Tab. ix.
f. 3. Coast of California and Panuma.
- 42 *C. muricatum*, *Linn. Syst. Nat.* p. 1123. *Chemn. Conch.*
t. 17, f. 177. West Indies. ^{71 72}
- 43 *C. senticosum*, *Sow. Zool. Proc.* 1833. p. 84. *Con. Illus.*
f. 10. St. Elena. Rounder than *C. muricatum*,
and tubercles not so oblique. Mr. Cuming.
- 43.* *C. Radula*, *Brod. & Sow. Zool. Journ.* IV. p. 336. We
have not seen this shell. It is in Mr. Bland's col-
lection. *Calappa*
- 44 *C. foveolatum*, *Sow. Jun. Zool. Proc.* 1840. *Con. Illus.*
f. 65. Swan River.

- No.
- 45 *C. variegatum*, *Sow. jun. Zool. Proc.* 1840. Con. Illus. f. 57. Ribs much closer than in *C. muricatum*.
- 46 *C. unicolor*, *Sow. jun. Zool. Proc.* 1840. Con. Illus. f. 29. 42. Brazils.
- 47 *C. multistriatum*, *Sow. Zool. Proc.* 1833. p. 85. Con. Illus. f. 59. St. Elena, Mr. Cuming.
- 48 *C. maculosum*, *Wood. Gen. Conch.* p. 218, t. 52, f. 3. Con. Illus. f. 63. Ceylon.
- 49 *C. impolitum*, *Sow. jun. Zool. Proc.* 1840. Con. Illus. f. 6. 66. China.
- 50 *C. Oxygonum*, *Sow. jun. Zool. Proc.* 1840. Con. Illus. f. 9. China.
- 51 *C. angulatum*, *Lam. Anim. sans vert. Seba. Mus.* 3, t. 86, f. 6. America? The grooves of this common species are deep; the ribs angular and serrated; the shell oval, ventricose.
- 52 *C. marmoreum*, *Lam. Anim. sans vert. Chemn. Conch.* t. 17, f. 179. Jamaica. Flatter than the last, with the anterior ribs smoother, and not so deep.
- 53 *C. Orbita*, *Brod. & Sow. Zool. Proc.* 1833. p. 85. Con. Illus. f. 13. Isl. Annaa, Pacific. O. More oblique, more closely tuberculated and ribbed than *C. marmoreum*. Mr. Cuming.
- 54 *C. elongatum*, *Lam. Brug. Dict. No. 26. Con. Illus.* f. 49. (not the figures doubtfully referred to by *Brug. & Lamarck.*) More ventricose, and elongated than the two last, with 39 or 40 flattened ribs; Ticao, Philippines, Mr. Cuming.
- 55 *C. subelongatum*, *Sow. jun. Zool. Proc.* 1840. Con. Illus. f. 61. Ribs fewer and wider apart than in the last.
- 56 *C. maculatum*, (Altered from *maculosum*, preoccupied) *Sow. Zool. Proc.* 1833. p. 85. Con. Illus. f. 18. California. Ribs flattened, nearly smooth; shell not so oblique as *C. subelongatum*.

- No.
- 57 *C. enode*, *Sow. jun. Zool. Proc.* 1840. *Con. Illus.* f. 51.
Shell more spread, less ventricose, with ribs flatter
and closer than in *C. elongatum*.
- 58 *C. rugosum*, *Lam. Anim. sans vert.* t. 6, p. 10. *C.*
magnum, *Chemn. Conch.* t. 19, f. 191. Yellow
var. *C. flavum*. Linn? *Con. Illus.* (*C. subrugosum*)
f. 32. Dark spotted, *Con. Illus.* f. 39. Pink
spotted, *Con. Illus.* f. 41. Ceylon, Java.
- 59 *C. subrugosum*. *Sow. jun. Zool. Proc.* 1840. *Con. Illus.*
f. 34, 71. Dr. Sibbald. Ribs less elevated, shell
less spread, anterior side smoother than the last.
- 60 *C. alternatum*. *Sow. jun. Zool. Proc.* 1840. *Con. Illus.*
f. 64. Ticao, Philippines. On the Coral Reefs. Mr.
Cuming.
- 61 *C. procerum*, *Sow. Zool. Proc.* 1833. p. 83. *Con. Illus.*
f. 23. Real Llejos, Central America. Mr. Cuming.
- 62 *C. Panamense*. *Sow. Zool. Proc.* 1833. p. 85. *Con. Illus.*
f. 21. Panama. Mr. Cuming. Ribs fewer and more
angulated than in *C. procerum*.
- 63 *C. ventricosum*, *Brug. Dict.* 25. *C. magnum*, *Born.*
E. M. pl. 299. f. 1. Carolina.
- 64 *C. sulcatum*, *Lam. Anim. sans vert.* tom. 6. p. 10. *C.*
oblongum, *Chemn. Conch.* t. 19. f. 90. *C. flavum*,
Born. Mediterranean. A shell has been collected
at Plymouth by Mr. Cuming, which is distinct
from *C. serratum*, and may probably turn out to
be a British variety of this species.
- 65 *C. elatum*, *Sow. Zool. Proc.* 1833. p. 84. *Con. Illus.*
f. 3. California.
- 66 *C. serratum*, *Linn. Syst. Nat.* 1123. E. M. 299. f. 2. *C.*
laevigatum. *Wood. pl.* 54, f. 1. Britain.
- 67 *C. Groenlandicum*, *Gmel. P.* 3252. *Chemn. Conch.* t. 19,
f. 148. var. *edentula*. *Sow. gen. of Sh.* Greenland.
- 68 *C. biradiatum*, *Brug. Dict.* 28. *Chemn. Conch.* t. 18,
f. 185, 186. Ceylon.

- No.
- 69 *C. attenuatum*, *Sow. jun. Zool. Proc.* 1840. *lævigatum*, var. *biradiatum*, *Wood, Gen. Conch.* pl. 54, f. 2. Very much more elongated than the last. Ceylon.
- 70 *C. multipunctatum*, *Sow. Zool. Proc.* 1833. p. 84. Con. Illus. f. 14. China.
- 71 *C. lævigatum*, *Linn. Syst. Nat.* p. 1123. *Chemn. Conch.* t. 18, f. 189. *C. citrinum*, *Gmel. Wood Gen. Conch.* pl. 54, f. 3. Atlantic. This name is erroneously applied by some authors to the British *C. serratum*.
- 72 *C. Brasilianum*, *Lam. Anim. sans vert.* t. 6, p. 5. Con. Illus. f. 60. Brazil.
- 73 *C. Elenensis*, *Sow. jun. Zool. Proc.* 1840. Con. Illus. f. 58. St. Elena. Not so much elongated posteriorly as the last; not lineated. Mr. Cuming.
- 74 *C. Mortoni*, *Conrad. Boston journal?* Con. Illus. f. 53, 54. America. More rounded than *C. Elenensis*, and nearly equilateral.
- 75 *C. fragile*, *Sow. jun. Zool. Proc.* 1840. Con. Illus. f. 68.
- 76 *C. Æolicum*, *Born. Mus. Cæs.* p. 36. *C. pectinatum*, *Linn? Chemn. Conch.* t. 18, f. 187, 188. Indian Ocean, China.
- 77 *C. lyratum*, *Sow. Zool. Proc.* 1840. Con. Illus. f. 40. Guinea. This species has no smooth surface on the posterior side, as in *C. Æolicum*.
- 78 *C. lineatum*, *Lam. Anim. sans vert.* v. 6, p. 17. Con. Illus. f. 43. America.
- 79 *C. Donaciforme*, *Schroeter, Einl. Conch.* t. 3, p. 68. Con. Illus. f. 27. Asiatic Ocean. Tranquebar.
- 80 *C. parvum*, *Sow. Jun. Zool. Proc.* 1840. Con. Illus. f. 33.
- 81 *C. medium*. *Linn. Syst. Nat.* 1122. *Chemn. Conch.* t. 16, f. 162, 164. St. Vincents.

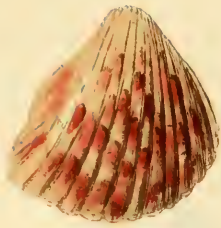
- No.
 82 *C. biangulatum*, *Sow. Zool. Journ. iv. p. 367. Con. Illus.*
 f. 2. St. Elena, Mr. Cuming.
- 83 *planicostatum*, *Sow. Zool. Proc. 1833. p. 83. Con. Illus.*
 f. 25. Guacomayo. Mr. Cuming.
- 84 *C. fornicatum*, *Sow. Jun. Zool. Proc. 1840. Con. Illus. f. 50.*
- 85 *C. imbricatum*, *Sow. Jun. Zool. Proc. 1840. Con. Illus.*
 f. 48. Swan River.
- 86 *C. Unedo*, *Linn. Syst. Nat. p. 1123. Chemn. Conch. t. 16,*
 f. 168, 169. Ceylon.
- 87 *C. Fragum*, *Linn. Syst. Nat. p. 1123. Chemn. Conch. t.*
 16, f. 166, 167. Red Sea.
- 88 *C. Hemicardium*, *Linn. Syst. Nat. p. 1121. Chemn.*
Conch. t. 16, f. 159, 161. Indian Ocean.
- 89 *C. tumoriferum*, *Lam. Anim. sans vert. t. 6, p. 15. Con.*
Illus. f. 22. New Holland. Ribs narrower and
tubercles smaller than in the last.
- 90 *C. obovale*, *Sow. Zool. Proc. 1833. p. 84. Con. Illus. f. 4.*
Xipixapi. Mr. Cuming.
- 91 *C. subretusum*, *Sow. jun. Zool. Proc. 1840. p. 84. Con.*
Illus. f. 24.
- 92 *C. retusum*, *Linn. Syst. Nat. p. 1121. Chemn. Conch.*
t. 14, f. 139, 140. Suez, Arabia.
- 93 *C. Auricula*, *Forskäll. Fauna Arabica. f. 122, No. 52.*
Con. Illus. f. 47. Suez, Arabia.
- 94 *C. Dionæum*, *Sow. Zool. Journ. iv. p. 367. Beech. Zool.*
t. 42, f. 6. 6. Con. Illus. f. 52. S. Pacific Ocean.
- 95 *C. Cardissa*, *Linn. Syst. Nat. p. 1121. Sow. gen. of Sh.*
 f. 5. test. jun. (*C. Dionæum*) *Con. Illus. f. 1. 1.**
 (*C. unimaculatum*,) *f. 1.** S. Pacific Ocean. Nearly*
equilateral.
- 96 *C. Junoniæ*, *Lam. Anim. sans vert. t. 6, p. 17. Chemn.*
Conch. t. 14, f. 147, 148. C. Humanum, Wood.
Indian Ocean. Posterior side concave.
- 97 *C. inversum*, *Lam. Anim. sans vert. t. 6, p. 17. Chemn.*
Conch. t. 14, f. 149; 150. Indian Ocean. Anterior
side concave.

CORRECTED LIST OF FIGURES.

CARDIA ;—Parts 48 to 51, 149—150, 177 to 186.

- | FIG. | FIG. |
|---|--|
| 1 1.* 1.** <i>C. Cardissa</i> , Sp. 95,
young. | 35 <i>C. Sinense</i> , Sp. 4. |
| 2 <i>C. biangulatum</i> , Sp. 82. | 36 <i>C. tenuicostatum</i> , Sp. 8. |
| 3 <i>C. elatum</i> , Sp. 65. | 37 <i>C. exasperatum</i> , Sp. 36. |
| 4 <i>C. obovale</i> , Sp. 90. | 38 <i>C. multispinosum</i> , Sp. 35. |
| 5 <i>C. Cumingii</i> Sp. 11. | 39 <i>C. rugosum</i> , var. Sp. 58. |
| 6 <i>C. impolitum</i> , Sp. 49. | 40 <i>C. lyratum</i> , Sp. 77. |
| 7 <i>C. punctulatum</i> , Sp. 20. | 41 <i>C. rugosum</i> , var. Sp. 58. |
| 8 <i>C. Consorts</i> , Sp. 40. | 42 <i>C. unicolor</i> , Sp. 46. |
| 9 <i>C. Oxygonum</i> , Sp. 50. | 43 <i>C. lineatum</i> , Sp. 78. |
| 10 <i>C. senticosum</i> , Sp. 43. | 44 <i>C. lineatum</i> , young, Sp. 78. |
| 11 <i>C. ringiculum</i> , Sp. 16. | 45 <i>C. striatulum</i> , Sp. 9. |
| 12* <i>C. Australe</i> , Sp. 10. | 46 <i>C. indicum</i> , Sp. 2. |
| 13 <i>C. Orbita</i> , Sp. 53. | 47 <i>C. Auricula</i> , Sp. 93. |
| 14 <i>C. multipunctatum</i> , Sp. 70. | 48 <i>C. imbricatum</i> , Sp. 85. |
| 15 <i>C. aspersum</i> , Sp. 15. | 49 <i>C. elongatum</i> , Sp. 54. |
| 16 <i>C. striatulum</i> , Sp. 9. | 50 <i>C. fornicatum</i> , Sp. 84. |
| 17 <i>C. graniferum</i> , Sp. 38. | 51 <i>C. enode</i> , Sp. 57. |
| 18 <i>C. maculatum</i> , Sp. 56. | 52 <i>C. Dionæum</i> , Sp. 94. |
| 19 <i>C. tenuicostatum</i> , Sp. 8. | 53, 54, <i>C. Mortoni</i> , Sp. 74. |
| 20 <i>C. paucicostatum</i> , Sp. 29. | 55, 56, <i>C. papyraceum</i> , Sp. 13. |
| 21 <i>C. Panamense</i> , Sp. 62. | 57 <i>C. variegatum</i> , Sp. 45. |
| 22 <i>C. tumoriferum</i> , Sp. 89. | 58 <i>C. Elenense</i> , Sp. 73. |
| 23 <i>C. procerum</i> , Sp. 61.] | 59 <i>C. multistriatum</i> , Sp. 47. |
| 24 <i>C. subretusum</i> , Sp. 91. | 60 <i>C. Brasilianum</i> , Sp. 72. |
| 25 <i>C. planicostatum</i> , Sp. 83. | 61 <i>C. subelongatum</i> , Sp. 55. |
| 26 <i>C. arcticum</i> , Sp. 27. | 62 <i>C. tenuicostatum</i> , Sp. 8. |
| 27 <i>C. Donaciforme</i> , Sp. 79. | 63 <i>C. maculosum</i> , Sp. 48. |
| 28 <i>C. echinatum</i> , var. Sp. 31. | 64 <i>C. alternatum</i> , Sp. 60. |
| 29 <i>C. unicolor</i> , Sp. 46. | 65 <i>C. foveolatum</i> , Sp. 44. |
| 30 <i>C. laticostatum</i> , Sp. 6. | 66 <i>C. impolitum</i> , Sp. 49. |
| 31 <i>C. Siculum</i> , Sp. 26. | 67 <i>C. Pseudolima</i> , Sp. 18. |
| 32 <i>C. rugosum</i> , var. Sp. 58. | 68 <i>C. fragile</i> , Sp. 75. |
| 33 <i>C. parvum</i> , Sp. 80. | 69 <i>C. papillosum</i> , Sp. 37. |
| 34 <i>C. subrugosum</i> , Sp. 59. | 70 <i>C. Deshayesii</i> , Sp. 30. |
| | 71 <i>C. subrugosum</i> , Sp. 59. |

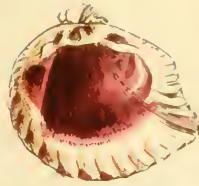
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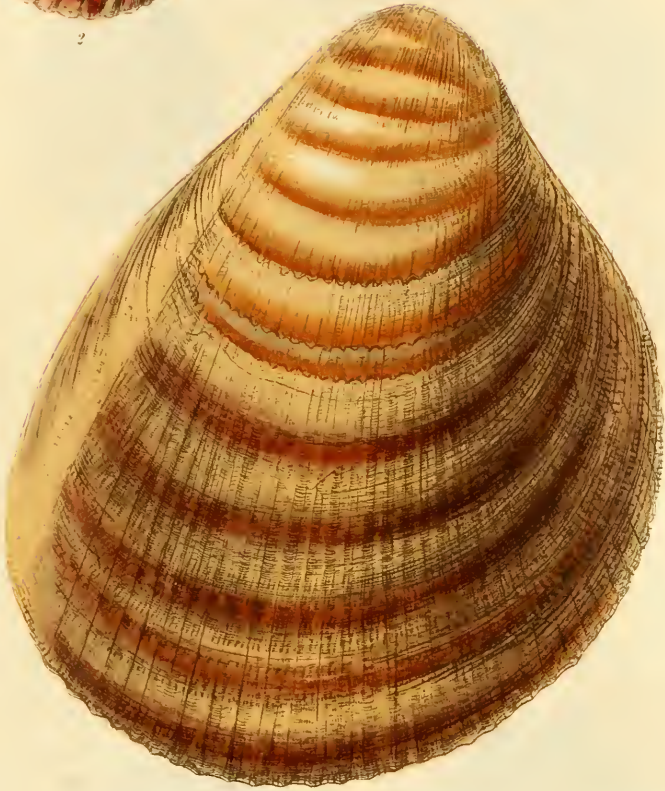
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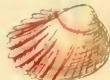
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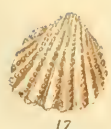


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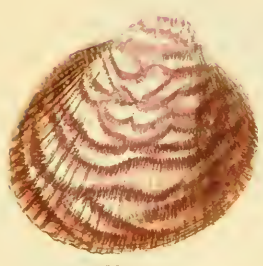
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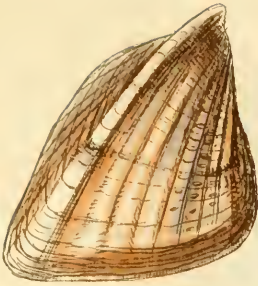


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Cardium.



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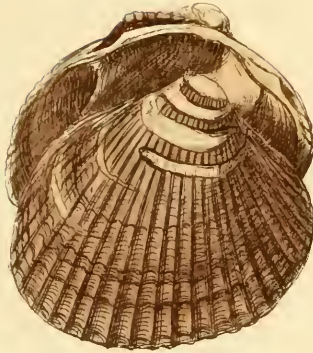


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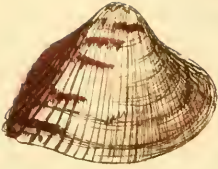


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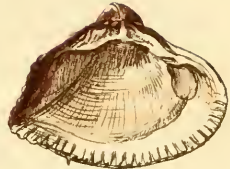
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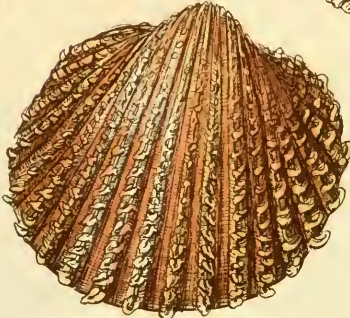
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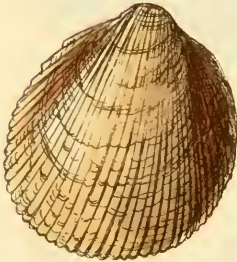
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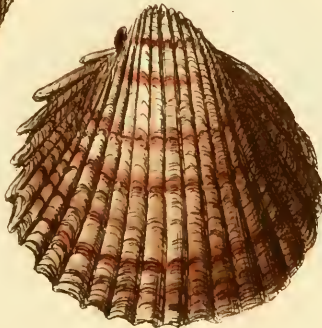
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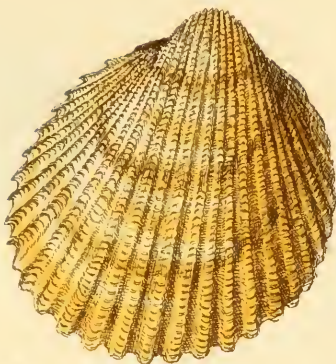


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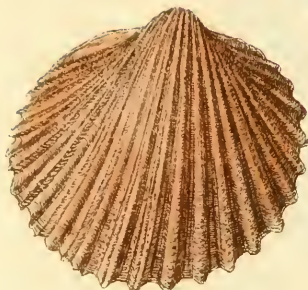
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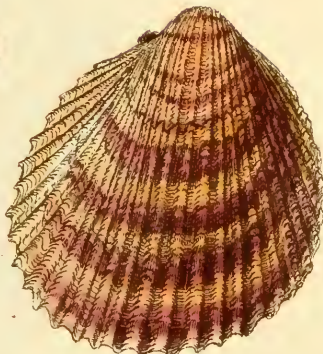
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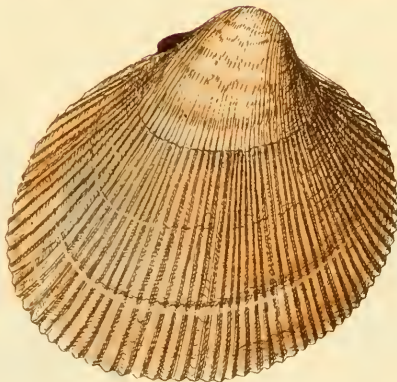
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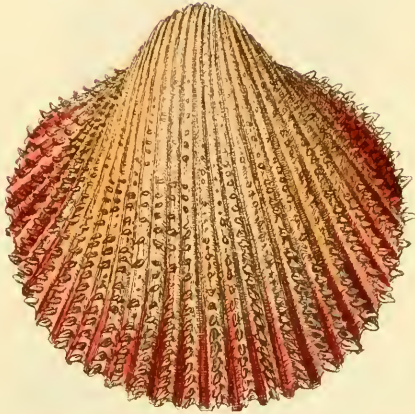
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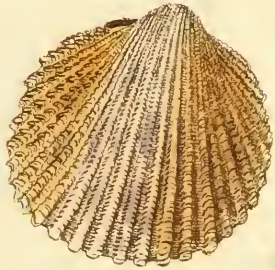
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38.a



38.1



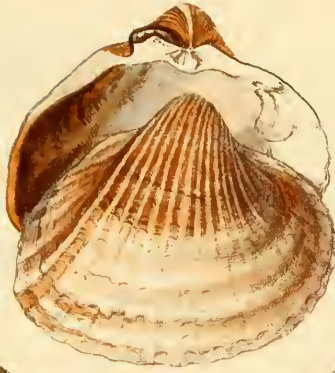
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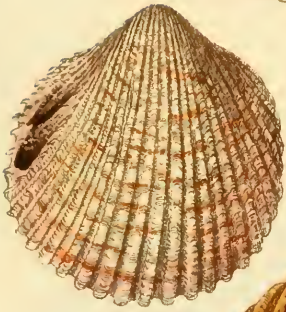


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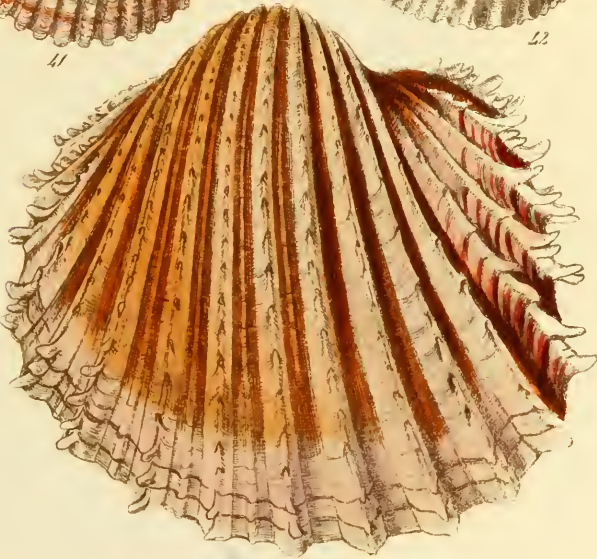
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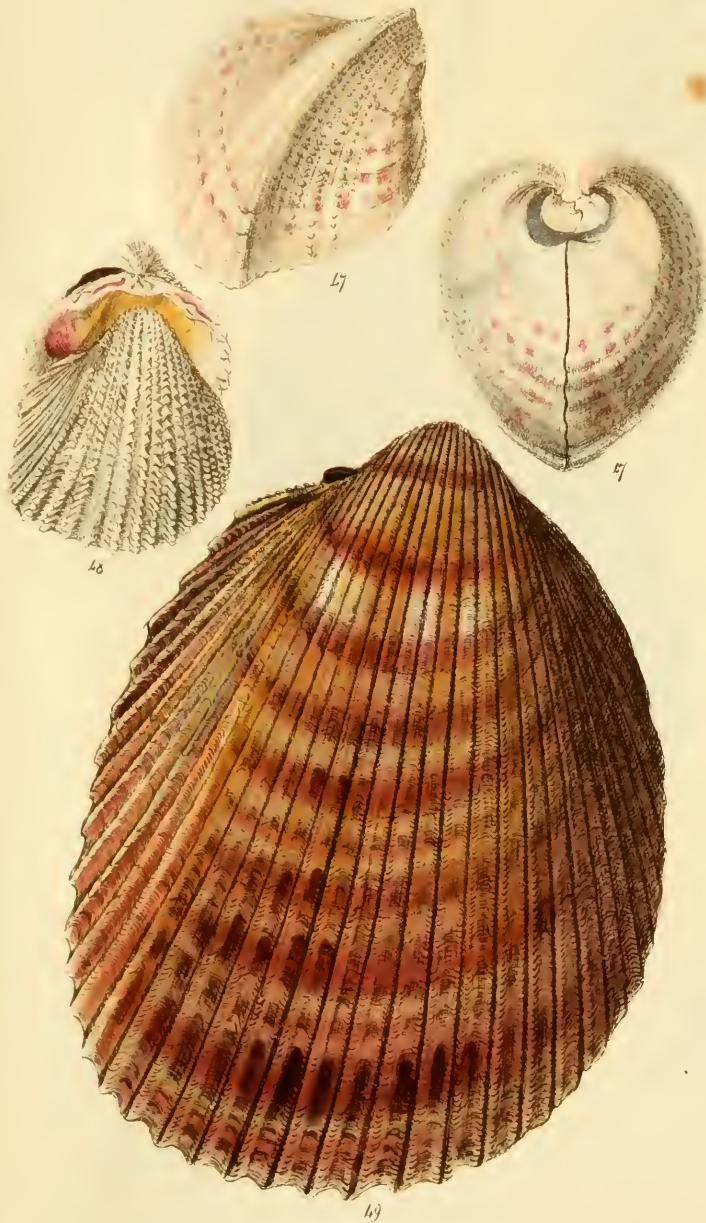


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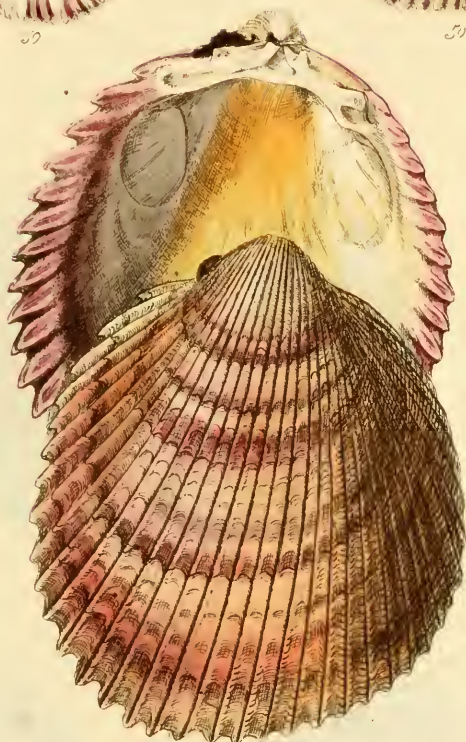
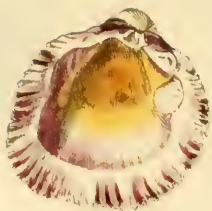
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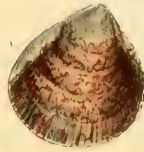
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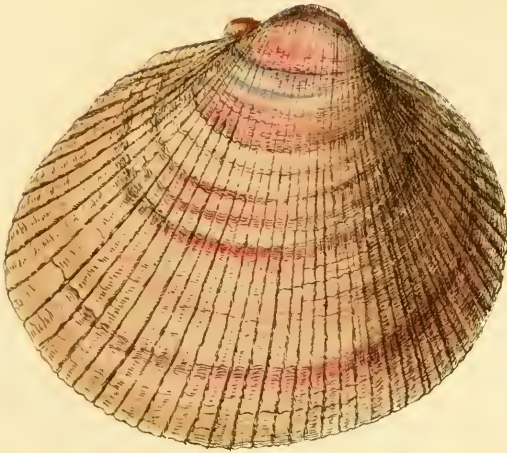
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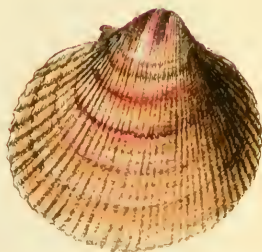
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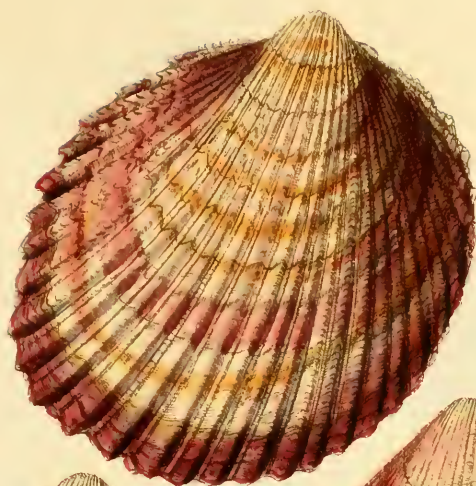


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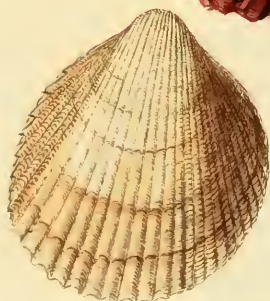


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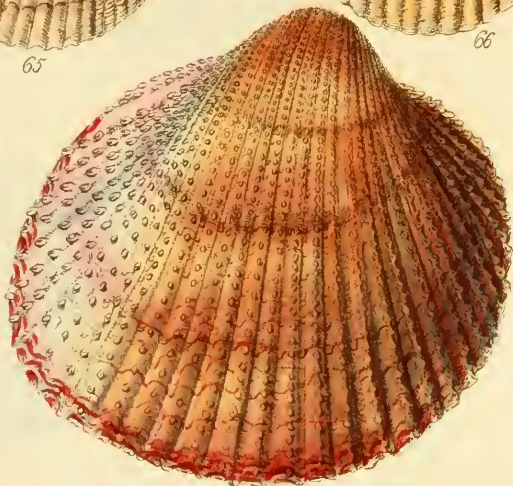
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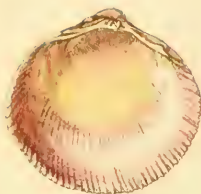


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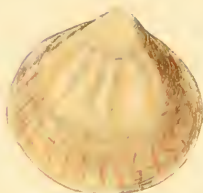
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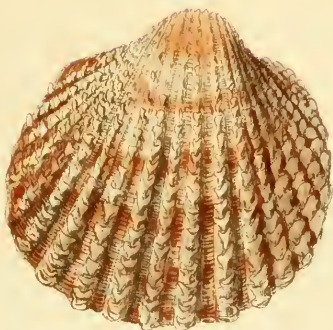
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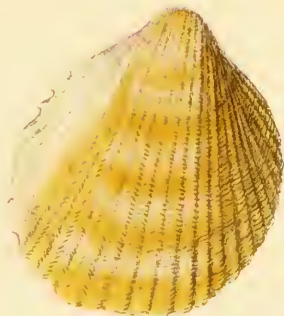
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73

A CATALOGUE
OF
RECENT SPECIES OF NUCULÆ

* *LANCEOLATÆ.*

- 1 lanceolata *Lam.* Sowerby Gen. of Shells, No. 17, f. 1.
Conch. Illustr. f. 1. Xipixapi.
- 2 Elongata *nobis.* Z. P. 1832, Dec. Conch. Illustr. f. 2.
Salango, Mr. Cuming.
- 3 Tellinoides *nobis.* Gen. of Shells, No. 17, f. 2. Cumana.
- 4 Crenifera *nobis.* Z. P. 1832, Dec. Conch. Illustr. f. 3.
Xipixapi, Mr. Cuming.

** *ROSTRATÆ.*

- 5 arctica, *Brod. and Sow.* IV. pl. IX. f. 1. Kamtschatka.
- 6 Nicobarica *Lam.* Conch. Illustr. f. 4.
- 7 curvirostrum, Humphrey M. S. Conch. Illustr. f. 5.
Shell oblong, thin, pellucid, white, smooth, rather gibbous; anterior side rounded, posterior acuminate, turned upward, with three crenated ridges; surface covered with oblique, nearly longitudinal grooves: length 0.7, breadth 0.25, height 0.4. Coast of Guinea, *Humphrey. Arca rostrata* Mont. Test. Brit. Sup. p. 55. t. 27.
- 8 Pella *Lam.* Sowerby's Gen. of Shells No. 17. f. 4.
Conch. Illustr. f. 6.
- 9 glacialis *Wood* Sup. pl 2. f. 6.
- 10 fluviatilis *nobis.* Sow. Gen. of Shells, No. 17, f. 3.
(*N. rostrata* *Lam.*) Rivers of Coromandel, Schroëtter.
- 11 minuta *Mont.* Test. Brit. p. 144. Sowerby Gen. of Shells, No. 17, f. 5. (*N. rostrata* Sowerby) British.
- 12 parva *nobis.* Conch Illustr. f. 7. Shell oblong, white, thickish, with an olivaceous epidermis, longitudinally

- grooved; anterior side rounded, posterior rather beaked, angular: dorsal posterior area not grooved; length 0.5, breadth 0.2, height 0.3. The only specimen I have seen was brought from Melville Island in 1824, by Captain Parry.
- 13 *costellata nobis*, Z. P. 1832, Dec. Conch. Illustr. f. 8. Panama. Mr. Cuming.
 - 14 *gibbosa nobis*, Z. P. 1832, Dec. Conch. Illustr. f. 9. Gulf of Nocoio. Mr. Cuming.
 - 15 *eburnea nobis*, Z. P. 1832, Dec. Conch. Illustr. f. 10. Bay of Caraccas. Mr. Cuming,
 - 16 *polita nobis*, Z. P. 1832, Dec. Conch. Illustr. f. 11. Panama. Mr. Cuming.
 - 17 *nasuta, nobis*, Conch. Illustr. f. 12. Shell oblong, white, very finely longitudinally striated; anterior side rather shorter than the posterior, rounded; posterior acuminate, slightly turned upwards, with an elongated longitudinally striated dorsal area: length 0.8, breadth 0.33, height 0.4. From the East Indies. G. Humphrey.
 - 18 *Fabula, nobis*, Conch. Illustr. f. 13. Shell ovate, white, obliquely striated, nearly equilateral, anterior side rounded, posterior acuminate, slightly turned upwards, with two ridges passing from the umbones to the acuminate extremity, the upper of which is crenated, forming a dorsal posterior area: length 0.4, breadth 0.15, height 0.25.
 - 19 *Elenensis nobis*, Z. P. 1832, Dec. Conch. Illustr. f. 14. St. Elena, Mr. Cuming.
 - 20 *cuneata nobis*, Z. P. 1832, Dec. Conch. Illustr. f. 15. Valparaiso. Mr. Cuming.
 - 21 *striata nobis*, Conch. Illustr. f. 16. Shell ovate, white, concentrically striated, nearly equilateral, anterior and posterior dorsal slopes nearly equal; anterior side slightly acuminate, rounded; posterior side acuminate, with an indistinct dorsal area: length 0.55, breadth 0.3, height 0.4. From China, G. Humphrey.

- 22 *Mauritiana nobis*, Conch. Illustr. f. 17. Shell ovate white, concentrically grooved, nearly equilateral, anteriorly rounded, posteriorly acuminate; dorsal slope nearly equal on both sides; length 0.4, breadth 0.2 height 0.25. From the Mauritius, G. Humphrey.
- 23 *limatula* Say, American Conchology t. 12.
- 24 *lævis* Say, Amer. Conch. t. 12.
- 25 *concentrica* Say, Amer. Conch. t. 12.
- *** ELLIPTICÆ.
- 26 *margaritacea* Lam. Sow. Gen. of Shells, f. 7. British.
- 27 *decussata nobis*, Conch. Illustr. f. 18. Shell somewhat triangular, white, decussately striated; anterior side shorter, its slope rather elevated in the middle; posterior side much longer, oblique; ventral margin rounded its edge crenated; length 0.85, breadth 0.4, height 0.6. Brought from the Coast of Guinea, in 1788, G. Humphrey.
- 28 *rugulosa nobis*, Conch. Illustr. f. 19. Shell ovate triangular, with a greenish epidermis, covered with rugulose striæ; angles obtuse; anterior slope with a central elevation; posterior slope somewhat rounded; ventral margin very finely crenulated; length 0.5, breadth 0.25, height 0.4.
- 29 *nitida nobis*, Conch. Illustr. f. 20. Shell ovate subtriangular, smooth, shining, white, with an olive coloured epidermis; posterior slope somewhat rounded, anterior nearly straight, with a central elevation; length 0.5, breadth 0.25, height 0.4. Common on the British Coast.
- 30 *obliqua* Lam. Conch. Illustr. f. 21. Valparaiso, Mr. Cuming.
- 31 *tenuis* Mont. Test. Brit. Sup. p. 56. t. 29. f. 1. Scarborough, Frith of Forth, &c.
- 32 *convexa nobis*, Conch. Illustr. f. 22. Shell ovate, turgid, whitish, smooth; anterior side shorter, slightly acumi-

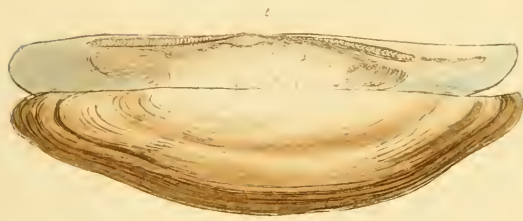
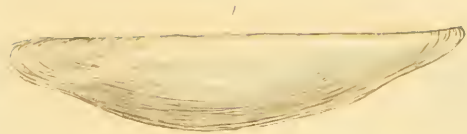
nated ; posterior side much longer, dorsal slope rounded ; ventral margin entire ; hinge pit very oblique, teeth of anterior side very few ; length 0.55, breadth 0.35, height 0.4. From China, G. Humphrey.

- 33 *Pisum. nobis*, Z. P. 1832, Dec. Conch. Illustr. f. 23, Valparaiso. Mr. Cuming.
 34 *exigua nobis*, Z. P. 1832, Dec. Conch. Illustr. f. 21. and magnified f. 24*. Bay of Caraccas. Mr. Cuming.

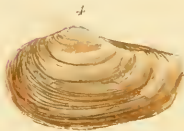
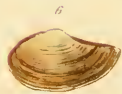
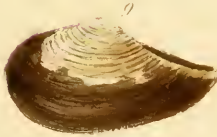
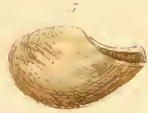
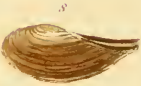
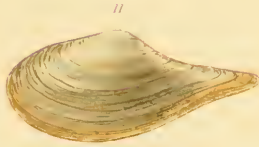
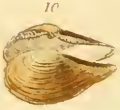
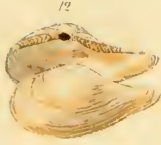
LIST OF FIGURES.

- | | |
|-------------------------------|-----------------------------|
| Fig. 1. <i>N. Lanceolata.</i> | Fig. 13. <i>N. Fabula.</i> |
| 2. <i>N. elongata.</i> | 14. <i>N. Elenensis.</i> |
| 3. <i>N. crenifera.</i> | 15. <i>N. cuneata.</i> |
| 4. <i>N. nicobarica.</i> | 16. <i>N. striata.</i> |
| 5. <i>N. curvirostra,</i> | 17. <i>N. Mauritiana.</i> |
| 6. <i>N. Pella.</i> | 18. <i>N. decussata.</i> |
| 7. <i>N. parva.</i> | 19. <i>N. rugulosa.</i> |
| 8. <i>N. costellata.</i> | 20. <i>N. nitida.</i> |
| 9. <i>N. gibbosa.</i> | 21. <i>N. obliqua.</i> |
| 10. <i>N. eburnea.</i> | 22. <i>N. convexa.</i> |
| 11. <i>N. polita.</i> | 23. <i>N. Pisum.</i> |
| 12. <i>N. nasuta.</i> | 24. <i>N. exigua.</i> |
| | 24.* <i>N. exigua. mag.</i> |

Uvula.



Nucula.



Nerita.

22



23



24



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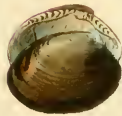
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A CATALOGUE

OF THE

RECENT SPECIES OF CHITONES.

- No.
- 1 Ch. Echinatus, *Barnes*, Amer. Journ. of Sc. vol. 7, No. 1, 1823. Tuberculiferus. *Sow.* Tanc. Cat. Spiniferus, *Frembly*, Zool. Journ. vol. 3, p. 196, Suppl. pl. xvi. f. 1. Spiniferus, Var. Con. Illus. f. 47, Peru.
 - 2 Ch. Spinosus, *Brug.* Journ. D'Hist. Nat. vol. 1, p. 25. *Sow.* Gen. Chiton. f. 1, Con. Illus. f. 151, Australia.
 - 3 Ch. Spiniger, *Nob.* Mag. Nat. Hist.* 1840, Con. Illus. f. 68.
 - 4 Ch. Brevispinosus, *Nob.* Mag. Nat. Hist. 1840, Con. Illus. f. 136. Island Johanna.
 - 5 Ch. Blainvillii, *Brad.* Zool. Proc. 1832, p. 27. Con. Illus. f. 6. Inner Lobos Island.
 - 6 Ch. Rugosus, *Gray* ———? Con. Illus. f. 49.
 - 7 Ch. Alternatus, *Nob.* Mag. Nat. Hist. Con. Illus. f. 141. Japan.
 - 8 Ch. Pectinatus, *Nob.* Mag. Nat. Hist. Con. Illus. f. 146.
 - 9 Ch. Loo-chooanus, *Sow.* Zool. Journ. vol. iv, p. 368, Loo-choo.
 - 10 Ch. Piceus, *Gmel.* Linn, p. 3204, Wood, Gen. Con. t. 1, f. 3. convexus, granulatus, gemmatus, tu-

* Charlesworth's New Series of Lowdon's Magazine of Natural History for June, 1840.

No.

- berculatus, unguiculatus, zonatus, *Auct.* *Con.* Illus. f. 147.
- 11 Ch. Magnificus, Gray? *Con. Illus.* f. 52.
- 12 Ch. Niger, *Barnes*, *Amer. Journ. Sc.* vol. 7, No. 1, 1833, p. 671. Coquimbensis, *Frembl.* *Zool. Journ.* vol. iii, p. 197. *Tab. Suppl.* xvi, f. 2. Peru.
- 13 Ch. Squamosus, *Linn. Syst. Nat.* 1107, Wood, *Gen. Con.* pl. 1, f. 1, Var. *Bistriatus*, Wood, *Chemn. Conch.* 8, t. 94, f. 788, 791, Var. *Obscurus.* *Nob.* *Con. Illus.* f. 76. West Indies.
- 14 Ch. Siculus, *Gray*, *Spic. Zool.* 1, p. 5. *Con. Illus.* f. 123 to 125. *Pollii* *Deshayes.* Sicily.
- 15 Ch. Lyratus, *Nob.* *Mag. Nat. Hist. Con. Illus.* f. 126.
- 16 Ch. Foveolatus, *Nob.* *Mag. Nat. Hist. Con. Illus.* f. 60.
- 17 Ch. Excavatus, Gray? *Con. Illus.* f. 131.
- 18 Ch. Fasciatus, Wood, *Gen. Con.* p. 10, *Con. Illus.* f. 153. South America.
- 19 Ch. Australis, *Nob.* *Mag. Nat. Hist. Con. Illus.* f. 46. Australia.
- 20 Ch. Stokesii, *Brod.* *Zool. Proc.* 1832, p. 25, *Con. Illus.* f. 24. Columbia.
- 21 Ch. Sulcatus, Wood, *Gen. Con.* p. 16, *Con. Illus.* f. 12.
- 22 Ch. Virgulatus, *Nob.* *Mag. Nat. Hist. Con. Illus.* f. 132.
- 23 Ch. Patulus, *Nob.* *Mag. Nat. Hist. Con. Illus.* f. 134.
- 24 Ch. Granulosus, *Frembl.* *Zool. Journ.* vol. iii, p. 201. *Tab. Suppl.* xvii, f. 3. Conception Bay.
- 25 Ch. Granosus, *Frembl.* *Zool. Journ.* vol. iii, p. 200. *Tab. Suppl.* xvii, f. 1. Chili.
- 26 Ch. Barnesii, Gray, *Spic. Zool.* 1, p. 5, *Con. Illus.* f. 2. Coquimbo.

No.

- 27 Ch. *Marmoratus*, *Gmel.* p. 3205, *Con. Illus.* f. 148, 149, 150. West Indies.
- 28 Ch. *Cymbiola*, *Nob. Mag. Nat. Hist. Con. Illus.* f. 45, 85, 86, *Tulippa*, *Quoy, C. of G. II.*
- 29 Ch. *Articulatus*, *Sow. Zool. Proc.* 1832, 59, *Con. Illus.* f. 18. California.
- 30 Ch. *Lævigatus*, *Sow. Zool. Proc.* 1832, 59, *Con. Illus.* f. 18,* California.
- 31 Ch. *Godallii*, *Con. Illus.* f. 34, 50, *Zool, Proc.* 1332, p. 25. Gallapagos.
- 32 Ch. *Bowenii*, *King, Zool. Journ.* vol. 5, p. 338, *Con. Illus. Chiton*, f. 37, *Terra del Fuego. Str. Magellan*
- 33 Ch. *Quoyi*, *Bl. Dict. des Sc. Oscabrion*, *Ch. viridis.* *Quoy et Gaimard, Voyage de l'Astrolabe*, t. 3, p. 381, pl. 74, f. 17—22.
- 34 Ch. *Striatus*, *Barnes, Amer. Journ. Sc.* vol. 7, No. 1, 1823, *Latus*, *Sow. Tanc. Cat. Olivaceus, Frembl. Zool. Journ.* III, p. 199, *Tab. Suppl. xvi.* f. 4, *Chili*, *Var. subfuscus*, *Sow. Zool. Proc.* 1832, p. 26, *Con. Illus.* f. 3, 41, *Chiloe.*
- 35 Ch. *Tenuistriatus* *Nob. Mag. Nat. Hist. Con. Illus.* f. 135,
36. Ch. *Lentiginosus*, *Nob. Mag. Nat. Hist. Con. Illus.* 120—1.
- 37 Ch. *Concinnus*, *Nob. Mag. Nat. Hist. Con. Illus.* 1178. *Chonos.*
- 38 Ch. *Evanidus*, *Nob. Mag. Nat. Hist. Con. Illus.* f. 139.
- 39 Ch. *Georgianus*, *Quoy et Gaimard, Voy. Astrolabe*, t. 3, p. 379, pl. 25 to 30. *K. George's Port.*
- 40 Ch. *Cumingii*, *Frembl. Zool. Journ.* vol. iii, p. 198. *Tab. Suppl. xvi.* f. 3. *Var. Con. Illus.* 32, 51, *Valparaiso.*

- No.
- 41 Ch. *Glauco-cinctus*, Frembl. Zool. Journ. vol. iii, p. 201, Tab. Suppl. xvii. f. 2. Valparaiso.
- 42 Ch. *Albo-lineatus*, Sow. Zool. Journ. vol. 4, p. 368. Con. Illus. f. 39. Mexico.
- 43 Ch. *Versicolor*, Nob. Mag. Nat. Hist. Con. Illus. f. 75, var. 122.
- 44 Ch. *Sculptus*, Nob. Mag. Nat. Hist. Con. Illus. f. 66.
- 45 Ch. *Longicymba*, Bl. Dict. des Sc. *Oscabrion*, Ch. var. Con. Illus. f. 67. Hunter's River.
- 46 Ch. *Textilis*, Gray, Spic. Zool. 1, p. 5, t. 6, f. 20. Ch. *Indicus*, Con. Illus. f. 55, var. Ch. *Solea*, Con. Illus. f. 61, Cape of G. H.
- 47 Ch. *Dispar*, Sow. Zool. Proc. 1832, p. 28, Con. Illus. f. 25, Panama.
- 48 Ch. *Punctulatissimus*, Sow. Zool. Proc. 1832, p. 28. Con. Illus. f. 9, 26. Beechy's Appendix, p. 40, f. 2, 3. Mexillones, Iquiqui. Africa.
- 49 Ch. *Stramineus*. Sow. Zool. Proc. 1832, p. 105. Con. Illus. f. 28, var. 838. Chiloe.
- 50 Ch. *Fimbriatus*, Nob. Mag. Nat. Hist. Con. Illus. f. 137, Peru.
- 51 Ch. *Apiculatus*, Say? Con. Illus. f. 140. Massachusetts Bay.
- 52 Ch. *Lævis*. See Catalogue of British Chitones.
- 53 Ch. *Cancellatus*. Do.
- 54 Ch. *Albus*. Do.
- 55 Ch. *Marginatus*. Do.
- 56 Ch. *Cinereus*. Do.
- 57 Ch. *Latus*. Do. *Fulminatus*, Couthoy, Boston. Amer. Journ.
- 58 Ch. *Limaciformis*, Sow. Zool. Proc. 1832, p. 58. Con. Illus. f. 38. Columbia.

- No.
 59 Ch. *Roseus*, Sow. Zool. Proc. 1832, p. 58. Con. Illus. f. 14. Columbia.
- 60 Ch. *Lyellii*, Sow. Zool. Proc. 1832, p. 26. Con. Illus. f. 7. Pitcairn's Island.
- 61 Ch. *Catenulatus*, Sow. Zool. Proc. 1832, p. 104. Con. Illus. f. 145. Inner Lobos Island.
- 62 Ch. *Rugulatus*, Sow. Zool. Proc. 1832, p. 58, var. in *conspicuus*, Nob. Con. Illus. f. 42, 143, 144. Inner Lobos Island.
- 63 Ch. *Grayi*, Sow. Zool. Proc. 1832, p. 57. Con. Illus. f. 8, 16. Peru.
- 64 Ch. *Crenulatus*, Brod. Zool. Proc. 1832, p. 27. Con. Illus. f. 43.
- 65 Ch. *Platymerus*, Sow. Zool. Beech, Appendix, p. 149, pl. 41, f. 11.
- 66 Ch. *Bipunctatus*, Sow. Zool. Proc. 1832, p. 104. Con. Illus. f. 27, 155.
- 67 Ch. *Pusillus*, Sow. Zool. Proc. 1832, p. 57. Con. Illus. f. 31. Peru.
- 68 Ch. *Exiguus*, Sow. Zool. Proc. 1832, p. 104. Con. Illus. f. 36. Lord Hood's Island.
- 69 Ch. *Fulvus*, Wood, Gen. Con. p. 7, t. 1, f. 2. Con. Illus. f. 83, var. ? (*velatus*,) Con. Illus. f. 53. Cadiz.
- 70 Ch. *Swainsoni*. Sow. Zool. Proc. 1832, p. 27. Con. Illus. f. 5. Peru.
- 71 Ch. *Lineatus*, Wood, Gen. Con. p. 15, pl. 2, f. 45. Con. Illus. f. 77.
- 72 Ch. *Atratus*, Nob. Mag. Nat. Hist. Con. Illus. f. 57, 58. Falkland Island.
- 73 Ch. *Castaneus*, Wood, Gen. Con. p. 13, pl. 2, f. 2, 3; pl. 3, f. 2, 3. Con. Illus. f. 114, 115, 116. C. of Good Hope.

No.

- 74 Ch. Gigas, Gmel. p. 3206, Chem. Con. 8, t. 96, f. 819.
C. of Good Hope.
- 75 Ch. Elegans, Frembly, *Tab. Suppl.* xvii, f. 6. Con.
Illus. 119, f. 13, Valparaiso, *var.* Chilensis, *Frem-*
bly, *Zool. Journ.* vol. iii, p. 204. *Tab. Suppl.* xvii.
f. 8. Chili. *var.* Ch. Chiloensis, *Sow. Zool. Proc.*
1832, p. 58. Con. Illus. f. 13,* 10, 29, 30. Chiloe.
var. Ch. Lineolatus, f. 154, Frembly, *Zool. Journ.*
vol. iii. p. 204. *Tab. Suppl.* xvii, f. 7. Con. Illus.
(*var.*) f. 50, 30, Valparaiso, *var.* Ch. Graniferus,
Sow. Zool. Proc. 1832, p. 104. [Conception Bay,
Young, Sparsus, Con. Illus. f. 73, 74.
- 76 Ch. Fastigiatus, *Gray* ———? Con. Illus. f. 11,
35. California.
- 77 Ch. Disjunctus, *Frembly*, *Zool. Journ.* vol. iii, p. 203.
Tab. Suppl. xvii, f. 5. Valparaiso.
- 78 Ch. Janierensis, *Gray* Sp. *Zool.* p. 6, f. 8. Con. Illus.
f. 56, *var.* (*Occidentalis*). Con. Illus. f. 54. Rio
Janiero.
- 79 Ch. Ellinensis, *Sow. Zool. Proc.* 1832, p. 27. Con.
Illus. f. 69. St. Helena.
- 80 Ch. Cajetanus, *Polli*. Test. (Ch. concentricus). Con.
Illus. f. 72.
- 81 Ch. Tunicatus, *Wood*, *Gen. Con.* p. 11, pl. 2, f. 1.
Con. Illus. f. 152. Arctic Ocean.
- 82 Ch. Monticularis, *Quoy*, *Voy. Astro.* t. 3, p. 406, pl.
73, 30. to 36. Con. Illus. f. 129.
- 83 Ch. Vestitus, *Sow. Zool. Journ.* vol. 4, p. 368. Arctic
Ocean. Ch. Emersoni, *Couthoy*, Mass. Bay. Con.
Illus. f. 128.
- 84 Ch. Amiculatus, *Pallas*, *Nov. Act. Petrop.* ii, p. 241,
t. 7, f. 26—30. Con. Illus. f. 80. Kurile Islands.

No.

- 85 Ch. (Chitonellus) Striatus, *Lam. Hist. Nat. Anim. sans vert.* vol. 6, p. 317. Con. Illus. f. 62. New Holland.
- 86 Ch. (Chitonellus) Lævis, *Lam. Anim. sans vert.* vol. 6, p. 517. Sow. Gen. of Sh. New Holland.
- 87 Ch. (Chitonellus) Strigatus, *Nob. Mag. Nat. Hist.* Con. Illus. f. 63.
- 88 Ch. Hastatus, *Nob. Mag. Nat. Hist.* Con. Illus. f. 127.
- 89 Ch. Crinitus. See Cat. of British Chitones.
- 90 Ch. Fascicularis. Do.
- 91 Ch. Hirudiniformis, Sow. Zool. Proc. 1832, p. 59, Con. Illus. f. 23, 48, 142. Garnoti, Bl. Peru. Ch. Danielli. Con. Illus. f. 48, which comes from the Cape of Good Hope, may prove to be a distinct species—but all our Specimens are much worn.
- 92 Ch. Violaceus, *Quoy et Gaimard, Voy. del' Astrolabe,* t. 3, p. 403, pl. 73, f. 15, 16, var. 17, 20, Con. Illus. f. 133.
- 93 Ch. Retusus, *Sow. Zool. Proc.* 1832, p. 28, Con. Illus. f. 22. Guacomayo.
- 94 Ch. Peruvianus, *Lam. Anim. sans. vert. Enc. Met.* pl. 163, f. 7, 8, var. Zool. Journ. Tab. Suppl. f. 4, var. Con. Illus. f. 44, 44,* 44.** Peru.
- 95 Ch. Setiger, *King, Zool. Journ.* vol. 5, p. 338. Con. Illus. f. 17, var. Ch. Fremblii, *Brod. Zool. Proc.* 1832, p. 28, Con. Illus. f. 4, var. Ch. setosus. Zool. Beechey, Terra del Fuego, C. Biramosus, Quoy, Costatus, Bl.
- 96 Ch. Setosus, *Sow. Zool. Proc.* 1832, p. 27, Con. Illus. f. 19. Guacomayo.
- 97 Ch. Watsoni, *Nob. Mag. Nat. Hist.* Con. Illus. f. 81, 82, 130. Ch. Castanus, Quoy et Gaimard, Voy.

- No. Astr. t. 3, p. 387, pl. 74, f. 33—34. C. of Good Hope.
- 98 Ch. Hennahi, *Gray*, Sp. Zool. p. 5, Con. Illus. f. 1, 33. Callao Bay.
- 99 Ch. Spinulosus, *Gray*, Sp. Zool. p. 5, t. 6, f. 7, 7, a. Con. Illus. 70, 71, Rio Janiero. Ch. Columbiensis. Sow. Zool. Proc. Con. Illus. f. 15, Ch. Luridus. Sow. Zool. Proc. Con. Illus. f. 20? St. Helena.
- 100 Ch. Scabriculus, *Sow*. Zool. Proc. 1832, p. 28. Con. Illus. f. 21. Guacomayo.
- 101 Ch. Ciliatus, *Nob*. Mag. Nat. Hist. Con. Illus. f. 79.
- 102 Ch. Petholatus, *Nob*. Mag. Nat. Hist. Con. Illus. f. 64, 65. var. Porphyrius, f. 59. Australia.

N.B.—*The remaining Plates, with the Index to the Chitones, will be published for June.*

CORRECTED LIST OF FIGURES

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16	Grayi, var. 63.	47	Echinatus, var. sp. 1.
17	Setiger, 95.	48	Danielli, 91.
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19	Setosus, 96.	51	Cumingii, var. 40.
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22	Retusus, 93.	54	Janierensis, 78.
23	Hirudiniformis, 91.	55	Textilis ? 46.
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27	Bipunctatus, 66.	60	Foveolatus, 16.
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70, 71.	Spinulosus, 99.	132	Virgulatus, 22.
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85, 86.	Cymbiola, var. 28.	145	Catenulatus, 61.
87 to 113.	British species, p. 7.	146	Pectinatus, 8.
114	Castaneus, 73.	147	Piceus, 10.
115, 116.	Castaneus, var. 73.	148	Marmoratus, 27.
117, 118.	Concinnus, 37.	149	———— var.
119	Elegans, 75.	150	———— var.
120	Lentiginosus, 36.	151	Spinosus, sp. 2.
121	———— worn, 36	152	Tunicatus, 81.
122	Versicolor, var. 43.	153	Fasciatus, 18.
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DESCRIPTIVE CATALOGUE
OF
BRITISH CHITONES,

By G. B. SOWERBY, JUN.

While engaged in preparing a Catalogue of the genus *Chiton* for publication, with these illustrations, my attention has been directed to the confusion, prevailing among authors and collectors, respecting the British species. It having consequently occurred to me that effectual service would be rendered to science by determining the nomenclature and synonymes of this section, I have procured specimens from the principal cabinets, through the kindness of their possessors, and compared them carefully with the published figures and descriptions. The following result is presented in a separate form, for the convenience of those collectors whose attention is confined to species found on our own coasts.

Sp. 1. *Ch. fascicularis*.

Descr. Shell elongated, depressed; valves sub-triangular, coarsely granulated at the sides, with

a dorsal striated band; margin rough, hairy, with bunches of bristles on both sides; inserted laminæ of the valves narrow; colour brown, slightly varied, with one black, and two white, dorsal bands.

C. fascicularis, Linn. Syst. Nat. p. 1106.

Chemn. Conch. 10. t. 173. f. 1688.

Sow. Jun. Conch. Illustr. f. 87. 87 a.

Obs. This species is much more depressed than the following; the valves are closer at the sides, and the granulations coarser. As Linnæus appears not to have recognized two fasciculated species, it cannot be known which he intended to describe; but there can be no doubt of the present species being identical with that figured in Chemnitz.

Sp. 2. *C. CRINITUS.*

Descr. Shell oblong; strongly keeled by a dorsal striated rib; valves beaked, reniform, finely granulated at the sides, disunited at the extremities; margin smooth, hairy, fasciculated; inserted laminæ broad; colour various.

Ch. crinitus, Pennant, Brit. Zool.

Ch. discrepans, Brown.

Ch. fascicularis, Sow. Gen. of Sh. Wood's Gen. Conch. pl. 2. f. 6.

Ch. crinitus, Sow. Jun. Conch. Illustr. f. 88, 93.

Obs. This being the most common of the two fasciculated species, has been most frequently figured under the original name; which, however, it seems to me

most correct to retain for the shell of Chemnitz, his figure being the oldest, and universally quoted. The general appearance and the strong central band of striæ in Pennant's figure, leave no doubt on my mind that he intended to represent the shell to which we have fixed the name proposed by him.

Sp. 3. *C. MARGINATUS.*

Descr. Shell oval, carinated. elevated, posteriorly widened, minutely granulated; margin also minutely granulated; colour various.

Ch. marginatus, Pennant, Brit. Zool. Wood. Gen. Conch. f. 4.

Ch. cinereus, Zool. Jour. v. 5. p. 99. Wood Gen. Conch. f. 5. Chemn. Conch. 96. f. 818?

Red var. *C. ruber?* Chemn. Conch. t. 96. f. 813.

Black var. *C. Asellus*, Chemn. Conch. t. 96. f. 816.

Banded var. *C. minimus*, Chemn. Conch. t. 96. f. 814

C. marginatus and varieties, Sow. Jun. Conch. Illustr. f. 106 to 112.

Obs. This common species, including many varieties in colour, is more clearly referrible to *C. Marginatus*, of Pennant, than to *C. cinereus*, of authors; and without presuming to decide whether the description of Linnæus and the figure of Chemnitz were taken from ash coloured varieties of this or of the following species, I prefer applying the respective names as used by collectors at present. *C. marginatus* is more angular than the next species, and the granulations on the dorsal areas are not arranged in longitudinal lines.

C. minimus and *C. asellus*, of Chemnitz, may be black and banded varieties of this or of the next.

Sp. 4. *C. CINEREUS*.

Descr. Shell depressed, sub-carinated, minutely granulated; granulations on the central areas arranged in lines; margin minutely grained; colour various.

Ch. cinereus, Linn. Syst. Nat. p. 1106?

White var. *C. albus*, Auct?

Striped, *C. cimex*, Chemn. Conch. t. 96. 815.

Black, *C. Asellus*, Zool. Journ. vol. 5. pl. 5. f. 4.

Banded. *C. minimus*, Chemn. Conch? *Asellus*. (Young) Zool. Journ. v. 5. pl. 5. f. 3.

Ch. cinereus and varieties, Sow. Jun. Conch Illustr. Chiton, f. 94 to 98.

Obs. The comparative roundness and flatness of the shell, and the linear arrangement of the dorsal granules in this species distinguish it from the preceding. The white variety may have been the *C. albus*, of authors, but there is no proof of it, and having little else than colour to guide us, in reference to the ancient figures, it cannot be determined whether *C. Asellus*, of Chemn. is my black variety of *C. marginatus*, or Mr. Lowe's black var. of this species. The same difficulty occurs with respect to all the varieties.

Sp. 5. *C. CANCELLATUS*. Leach?

Descr. Shell elevated, narrow, with granulated striæ on the dorsal and lateral areas; margin minutely granular.

C. cancellatus, Sow. Jun. Conch. Illustr. f. 104. 104.
a. b. 105.

Obs. This minute species is narrower, more elevated, and more distinctly striated, than the preceding.

Sp. 6. *C. ALBUS.*

Descr. Shell oval, depressed, sub-carinated, lightly and minutely granulated; margin scaly.

C. albus, Linn. Syst. Nat. ? Mont. test. Brit.

Brown, var. *C. Aselloides*, Lowe, Zool. Journ. v. pl. v. f. 5.

C. albus and var. Sow. Jun. Conch. Illustr. Chiton 99. 99. a. 100.

Obs. Mr. Lowe, in a subsequent communication, states that his *C. Aselloides* is a variety of the *C. albus*, of Montagu. The latter may or may not be the *C. albus*, of Linnæus. It differs from the preceding in the arrangement of the granules, not being linear, and from *C. marginatus* in the large size, and regular arrangement of the granules, or rather scales of the marginal integument.

Sp. 7. *C. LÆVIS.*

Descr. Shell apparently smooth, but finely granulated, narrow, carinated: margin broad, velvety to the eye, but finely reticulated.

C. lævis, Pennant, Brit. Zool. 4. t. 36. f. 3? Lowe, Zool. Journ. vol. 5. p. 98. pl. 5. f. 1.

C. marginatus, Linn. Trans. viii. pl. 1. f. 2.

C. lævis and var. Sow. Jun. Conch. Illustr. Chiton
f. 101. 101. a. b. 102.

Sp. 8. *C. RUBER.*

Descr. Shell smooth, shining; valves beaked; margin minutely granular.

C. ruber, Linn. Syst. Nat.? Lowe, Zool. Journ. vol. 5. p. 101. pl. 5. f. 2. Sow. Jun. Conch. Illustr. Chiton, 103, 104.

Obs. Care must be taken to distinguish this from the red variety of *C. marginatus*, which it resembles in appearance, and to the unassisted eye seems almost equally smooth.

Sp. 9. *C. LATUS.*

Descr. Shell broad, smooth, sub-carinated, margin smooth; colour white and red, variegated.

C. latus, Lowe, Zool. Journ. vol. 5. pl. 5. f. 6, 7. Sow. Jun. Conch. Illustr. Chiton, f. 113, 113. a.



THE FOLLOWING BRITISH CHITONES ARE CONTAINED IN
 THE
 CONCHOLOGICAL ILLUSTRATIONS,
 Parts 165, 166, 167, 168.

- Fig. 87. *Chiton fascicularis*, two views, enlarged one third. *a*, 5th. valve, magnified.
 88 to 93. *C. crinitus*. 88. *a*, 5th valve, magnified.
 92, Specimen with the hairs rubbed off, as frequently seen.
 94 *C. cinereus*; *a*, fifth valve magnified.
 95 to 98. *C. cinereus* and varieties. 98, *a*, 5th valve of white variety, magnified.
 99. *C. albus*, enlarged. *a*, 5th valve magnified.
 100. *C. albus*, var. *Aselloides*, *Lowe*.
 101, 102. *C. lævis*. 102. *a*, enlarged. 101. *a*, 5th valve magnified. *b*, texture of margin.
 103. *C. ruber*. *a*, inside; *b*, 5th valve, magnified.
 104. *C. cancellatus*. *a*, 5th valve mag. *b*, figure enlarged.
 105. *cancellatus* var.
 106 to 112. *C. marginatus*, and varieties. 106, *a*, 5th valve, magnified; 110 *a*, 5th valve of red variety, magnified.
 113. *C. latus*, *Lowe*, 2 views.

Chiton



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Chilen.



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Chiton



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Chiton .



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Chiton.



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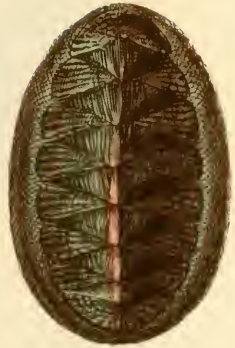
Chiton



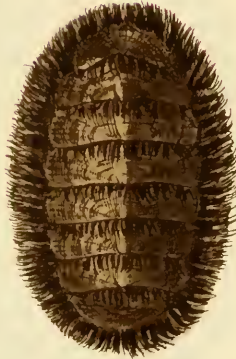
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Chiton.



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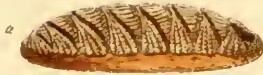
Chiton



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a



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Chiton



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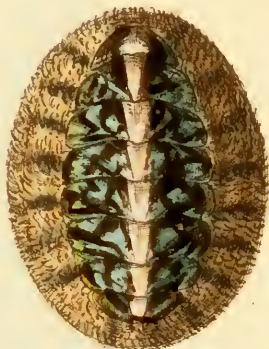
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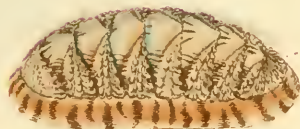
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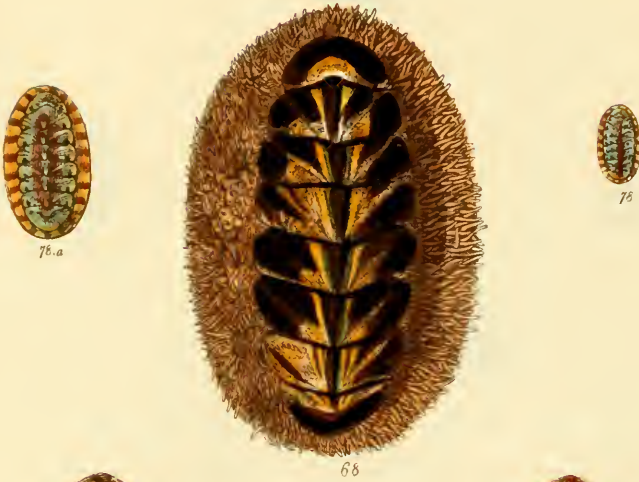
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Chiton



Chiton



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72



69



a



a



76

Chiton



83



83 a



82



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81

Chilon



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84 a



81



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85

Chiton



87. a



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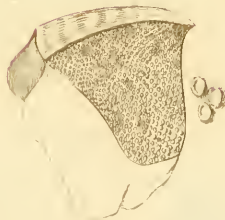
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88. a



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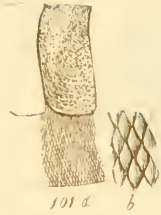


81

Phyl. II



Chiton



Chiton



106



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108



113



106. a



110. a



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110



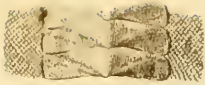
111



113. a



112.



117a



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114



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Chiton



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Chiton



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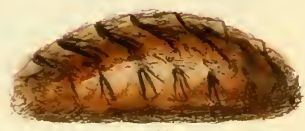
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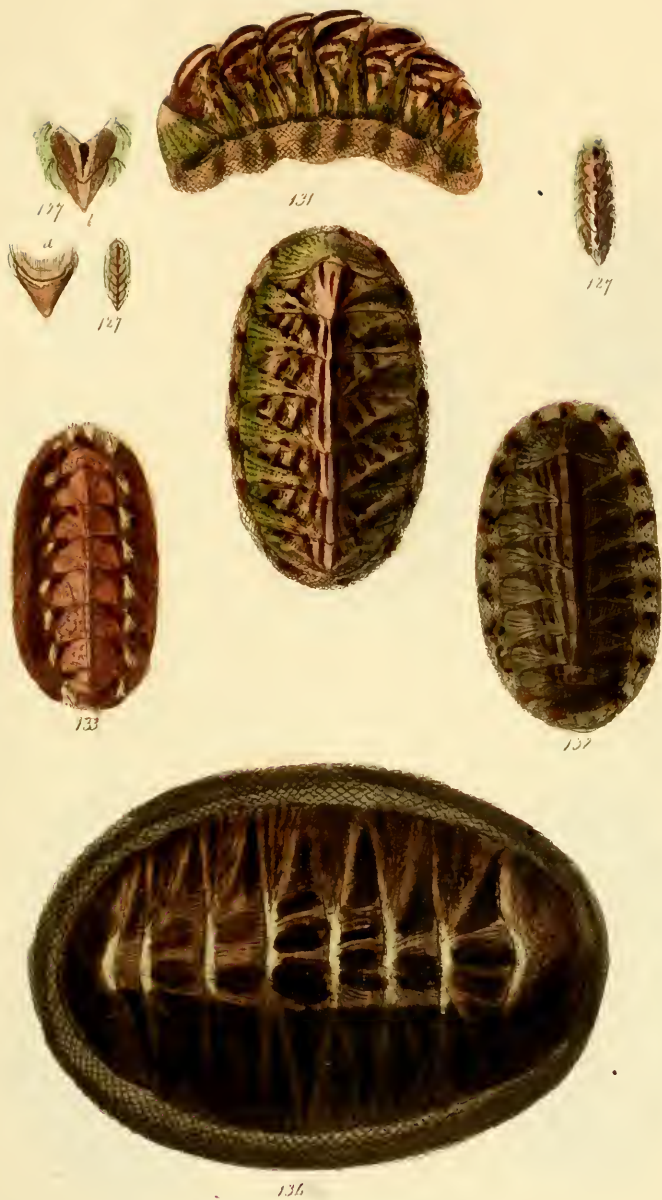


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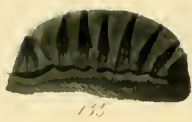


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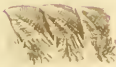
Cheloni



Pl. 5



Chiton



hitze



Chiton



147



150



153



155



149



147



148

A CATALOGUE
OF THE
RECENT SPECIES OF FISSURELLA,
BY G. B. SOWERBY. 1835

- 1 *Fissurella picta*, *Lam. Conch. Illust. f. 4, var. f. 26*, Terra del Fuego.
- 2 ——— *nimbosa*, *Lam. Conch. Illust. f. 2*, West Indies.
- 3 ——— *crassa*, *Lam. Conch. Illust. f. 9, 11, F. Clypeiformis mihi*, *Tank. Cat. app. p. vi.* Lamarck's *F. depressa* is only a worn fragment of this species, as Mr. Gray informs me. Valparaiso.
- 4 ——— *græca*, *Lam. Conch. Illust. f. 3.* Nevis and the West Indian Islands generally.
- 5 ——— *nodosa*, *Lam. Conch. Illust. f. 1.* Trinidad, Antigua, St. Vincents, &c.
- 6 ——— *Cayenensis*, *Lam. Conch. Illust. f. 7.* Monte Christi, West Columbia, Mr. Cuming. Obs. In G. Humphrey's collection were many specimens of this, but without locality.
- 7 ——— *lilacina*, *Lam. Obs.* This is entirely unknown to me.
- 8 ——— *rosea*, *Lam. Conch. Illust. f. 8*, West Indies.
- 9 *Barbadensis*, *Lam. Conch. Illust. f. 5. var. f. 6, var. alter. f. 76*, Barbadoes and other Islands of the West Indies.
Obs. The var. represented f. 76 has been considered as a distinct species, and named *divirescens* by Mr. Guilding.

- 10 *Fissurella radiata*, *Lam. Conch. Illust. f. 62*, var. f. 64, West Indies.
Obs. This is perhaps only a variety of *F. Barbadosensis*; it differs however from that species in the form of the dorsal aperture.
- 11 — *viridula*, *Lam. Conch. Illust. f. 13*, Trinidad, Antigua, &c.
- 12 — *hiantula*, *Lam. Conch. Illust. f. 10*, Southern Africa.
Obs. For a representation of this species *Lamarck* refers to *Born. Vign. f. F.* which is the same as I named *F. aperta* in the Tankerville Catalogue. The following are therefore synonyms of this species, viz: *Fissurella aperta*, *Tank. Cat. app. p. vi.* *Papillæa aperta*, *Gray in Supp. to Beechey's Narrative.*
- 13 — *Pustula*, *Lam. Conch. Illust. f. 20*, Sowerby Genera, No. xxi. f. 3, Trinidad, Antigua, &c.
- 14 — *fascicularis*, *Lam. Conch. Illust. f. 14*, Sowerby Genera, f. 6, West Indies.
- 15 — *Javanicensis*, *Lam. Conch. Illust. f. 12*, Cape of Good Hope.
- 16 — *Peruviana*, *Lam.* This is entirely unknown to me.
- 17 — *gibberula*, *Lam. Conch. Illust. f. 17*, Panama, Mr. Cuming.
- 18 — *minuta*, *Lam. Conch. Illust. f. 16*, Mediterranean.
- 19 — *crenulata*, *mihi*, *Tank. Cat. app. p. vi. Conch. Illust. f. 31, 38.*
Obs. I have only seen four specimens of this species, they are in the collections of Dr. Goodall, the Manchester Museum, Mr. Cuming, and Mr. Lincoln; it is from the specimen of the last named gentleman, as being the best

of the four, that our figures were drawn. I am informed by that gentleman that it was found at Monterey, in Upper California.

- 20 *Fissurella calyculata*, *mih*i, Genera of Shells, No. xxi. f. 4. Conch. Illust. f. 19, 21.
- 21 ——— *maxima*, *mih*i, Zool. Proc.* p. 123. Conch. Illust. f. 18, Valparaiso, Mr Cuming.
- 22 ——— *grandis*, *mih*i, Zool. Proc. p. 123. Conch. Illust. f. 48, Valparaiso and Chiloe, Mr. Cuming.
- 23 ——— *limbata*, *mih*i, Zool. Proc. p. 123. Conch. Illust. f. 66, 74. var. f. 42, Syn. *F. picta*, *mih*i, Genera f. 1, Valparaiso, Mr. Cuming.
- 24 ——— *biradiata* *Frembl.* M. S. Zool. Proc. p. 124. Conch. Illust. f. 23. Valparaiso, Mr. Cuming, var. Conch. Illust. f. 52, Iquiqui, Mr. Cuming.
- 25 ——— *lata* *mih*i, Zool. Proc. p. 124. Conch. Illust. f. 63, † St. Mary's Island, Chili, Mr Cuming.
- 26 ——— *pulchra*, *mih*i, Zool. Proc. p. 124. Conch. Illust. f. 24, Valparaiso, Mr. Cuming.
- 27 ——— *oriens*, *mih*i, Zool. Proc. p. 124. Conch. Illust. f. 25, var. f. 60, Island of Chiloe, Mr. Cuming.
- 28 ——— *Chilensis*, *mih*i Zool. Proc. p. 124. Conch. Illust. f. 36, Valparaiso, Mr. Cuming.
- 29 ——— *obscura*, *mih*i, Zool. Proc. p. 125. Conch. Illust. f. 27, Gallapagos Islands, Mr. Cuming.
- 30 ——— *c oarctata*, *King*, Zoological Journal, vol. 5. p. 339. Conch. Illust. f. 22, Sowerby Genera of Shells, No. xxi. f. 2 (*Fissurella crassa*). Port Praya.

* Proceedings of the Zoological Society of London, 1834.

† Miscalled *F. Chilensis* in the list published with the 76th and 77th parts. It is perhaps as well here to observe that these said lists are all to be cancelled eventually.

- 31 *Fissurella virescens*, *mihi*, Zool. Proc. p. 125. Conch. Illust. f. 37, * Panama, Mr. Cuming.
- 32 — *nigro-punctata*, *mihi*, Zool. Proc. p. 125. Conch. Illust. f. 51, Gallapagos and Lobos Island, Mr. Cuming.
- 33 — *macrotrema*, *mihi*, Zool. Proc. p. 125. Conch. Illust. f. 41, Gallapagos and Real Llejoes, Mr. Cuming. var. Conch. Illust. f. 41, * Lobos Island, Mr. Cuming. var. Conch. Illust. f. 41. ** Lambeyeque, Peru, Mr. Cuming.
- 34 — *hians*, *Broderip and Sowerby*, Zool. Journ. iv. p. 370. †
- 35 — *affinis*, *Gray*, *Supp. to Beechey's Narrative* Zool. Proc. p. 125. Conch. Illust. f. 44, Coast of Peru, Mr. Cuming, var. Valparaiso, Mr. Cuming.
- 36 — *inæqualis*, *mihi*, Zool. Proc. p. 126. Conch. Illust. f. 45, Guacomayo and the Gallapagos Islands, Mr. Cuming.
- 37 — *Pica*, *mihi*, Zool. Proc. p. 126. Conch. Illust. f. 32, St. Elena, Mr. Cuming. Variety, Conch. Illust. f. 33, Monte Christi, Mr. Cuming.
- 38 — *cancellata*, *mihi*, Tank. Cat. No 802^{*} Conch. Illust. f. 29. *Patella cancellata*, Sol. M. S.; *Patella ventricosa* Gmel. according to Mr. Gray; *Foraminella Sowerbii*, Guilding M. S.; *Lucapina elegans* Gray, St. Vincent.
- 39 — *microtrema*, *mihi*, Zool. Proc. p. 125. Conch. Illust. f. 50, Real Llejoes, Mr. Cuming.
- 40 — *costata*. *Gray*. Shell elliptical, rather depressed, with a few radiating obtuse ribs, externally greenish,
- * Miscalled *F. coarctata* King, in the published list.
- † The specimen being mislaid, this species cannot be figured.

* *Nude imitation of Solander's name*

smooth ; within white with an undulated margin ; dorsal aperture very small, elliptical ; internal margin broad ; length 2·0, breadth 1·5 inches. Conch. Illust. f. 28, St. Jago.

- 41 *Fissurella olivacea*, *Gray* in Brit. Mus. Conch. Illust. f. 57.

- 42 — *Scutellum*, *Gray* in Brit. Mus. Conch. Illust. f. 34, Cape of Good Hope.

Obs. This is *F. Trapezina mihi*, in Zool. Proc. p. 126.

- 43 — *Europæa, mihi*, Conch. Illust. f. 43. Shores of the British Channel, &c.

Obs. This is the *Patella græca* of British Conchological writers, and the *F. cancellata* of *Gray* in Annals of Philos. new series, vol. 18, The *Patella* apertura of Montagu is the young of it.

- 44 — *Mediterranea*, *Gray* in Brit. Mus. Conch. Illust. f. 30, Mediterranean.

- 45 — *macroschisma Humphrey*, Conchology. Conch. Illust. f. 39, New South Wales. var. f. 39,* Swan River.

Obs. This forms the Genus *Macroschisma* of *Gray*.

- 46 — *Noachina mihi*, Conch. Illust. f. 15. Leach's British Shells, Tab. x. f. 4, 5 (*Cemoria Flemingii*).

Obs. This is *Patella Fissurella*, Müll. Zool. Dan. t. 24, f. 4—6. *Patella Noachina*, Chemn, t. 197, f. 1927, 1928, who says it is British ; and the Genus *Puncturella* of Lowe, Zool. Journ. iii. p. 77, who found it at Oban, in Argyleshire.

- 47 — *Chemnitzii mihi*, Conch. Illust. f. 55. Zool. Proc. p. 126.

- 48 *Fissurella latimarginata, mihi*, Zool. Proc. p. 126. Conch. Illust. f. 69, Valparaiso and Iquique, Mr. Cuming.
- 9 — — *æqualis mihi*, Zool. Proc. p. 127. Conch. Illust. f. 56, St. Elena, Mr. Cuming.
- 50 — — *fulvescens, mihi*, Zool. Proc. p. 127. Conch. Illust. f. 49, Valparaiso, Mr. Cuming.
- 51 — — *nigrita, mihi*, Zool. Proc. p. 127. Conch. Illust. f. 47, Cape of Good Hope.
- 52 — — *aspera, mihi*, Zool. Proc. p. 127. Conch. Illust. f. 46, Pacosmayo, Peru, Mr. Cuming.
- 53 — — *asperella, mihi*, Zool. Proc. p. 127. Conch. Illust. f. 71, Lobos Island, Perú, Mr. Cuming.
- 54 — — *mutabilis, mihi*, Zool. Proc. p. 127. Conch. Illust. f. 67, 70, Cape of Good Hope, Mr. Cuming. Brazil? Humphrey.
- 55 — — *Panamensis, mihi*. Zool. Proc. p. 127. Conch. Illust. f. 72. var. . 72, * Panama, Mr. Cuming.
- 56 — — *Ruppellii, mihi*, Zool. Proc. p. 128. Conch. Illust. f. 65, 75, Nevis, Mr. Powers; Red Sea, Ruppell.
- 57 — — *Clypeus, mihi*, Zool. Proc. p. 128. Conch. Illust. f. 77, St. Elena, Mr. Cuming.
- 58 — — *subrostrata, Gray*,* Conch. Illust. f. 35. Shell oval, somewhat depressed, anteriorly subrostrated, extremities raised; white within, with a crenated margin; externally radiately ribbed, ribs rather distant, muricated; dorsal aperture small, elliptical, its internal edge broad: length 1·1, breadth 0·8 inches. Mr. Gray has a single specimen in his own collection, from St. Vincents.
- 59 — — *sanguinea, Gray*, Conch. Illust. f. 53. Shell ovate-oblong, depressed, externally white, radiately ribbed

* Not Guilding, as printed incorrectly in the list.

and striated; ribs obtuse, their interstices spotted with bright red; inside white, somewhat transparent, edge crenated; dorsal aperture oblong.

Obs. I have only seen one specimen, which is in Mr. Gray's Collection.

- 60 *Fissurella Tongana*, *Quoy and Gaimard*, Zool. de l'Astrolabe III. p. 335. t. 68. f. 3. 4. Tonga-tabou.

Obs. I have never seen his species.

- 61 — *Afra*, *Quoy and Gaimard*, Zool. de l'Astrolabe III. p. 336. Tab. 68. f. 5. 6. Cape de Verd Islands.

Obs. I have never seen this species.

- 62 — *Lincolni*, *Gray*. Conch. Illust. f. 40. Monterey, Upper California.

Obs. A splendid species obligingly lent by Ab. Lincoln, Esq. to be drawn for this work. The only specimen hitherto known is in his collection.

- 63 — *candida, mihi*, Conch. Illust. f. 58. Shell oblong, white, subhyaline, externally marked with distinct decussating striæ, dorsal aperture anterior, oblong, wider in the middle, contracted at each end, its internal margin broad, truncated posteriorly. Locality unknown. In my own and Mr. Cuming's collection.

- 64 — *obtusa mihi*, Conch. Illust. f. 59. Cape of Good Hope, Humphrey. Shell elliptical, rather elevated, pale coloured, with radiating striæ and dark purplish bands: inside green; dorsal aperture elliptical; its internal margin broad, equal, sometimes with a dark purple edge.

Obs. All the specimens I have seen were in G. Humphrey's collection.

- 65 — *lineata mihi*, Conch. Illust. f. 68. Shell oblong,

rather elevated and obtuse at both extremities ; cancellately ribbed ; a few of the ribs pale purple ; dorsal aperture small, much nearer to the anterior than to the posterior end, its margin internally truncated posteriorly : margin crenated.

Obs. The only two specimens I have seen were in G. Humphrey's collection, they are now in Mr. Cuming's.

- 66 — *Fissurellarugosa, mihi*, Conch. Illust. f. 54. Shell of a rather lengthened oval shape, depressed, whitish, varied with dark red brown, and covered with a few large rugose radiating ribs and some smaller interstitial ones ; dorsal aperture nearer to the anterior extremity, oblong, its internal margin rather wide, with a dark border ; inside green ; edge of the whole shell irregularly sinuous ; length 1·0 breadth 0·6 inches. Gallapagos Islands, Mr. Cuming.
- 67 — *Mexicana mihi*, Conch, Illust. f. 61. Shell oblong, reddish brown, with darker rays, and numerous close-set radiating grooves which are decussated by very fine concentric striæ ; dorsal aperture oblong, rather contracted in the middle, and with two obsolete teeth on each side ; inside white, with a purplish brown crenulated margin ; length 1·25, breadth 0·56. Real Llejos, Mexico ; Mr. Cuming.
- 68 — *crenifera, mihi*, Zool. Proc. p. 8 . Conch. Illust. f. 73, Real Llejos, Mr. Cuming.

LIST OF FIGURES OF FISSURELLÆ

In Parts 68 to 78, and 80 of the *Ann* 1835

Conchological Illustrations.

- Fig.
- 1 *F. nodosa* Lam.
 - 2 *F. nimbose* Lam.
 - 3 *F. Græca* Lam.
 - 4 *F. picta* Lam.
 - 5 *F. Barbadenis* Lam.
 - 6 *F. ———* var.
 - 7 *F. Cayenensis* Lam.
 - 8 *F. rosea* Lam.
 - 9 *F. crassa* Lam. young.
 - 10 *F. hiantula* Lam
 - 11 *F. crassa* Lam.
 - 12 *F. Javanicensis* Lam.
 - 13 *F. viridula* Lam.
 - 14 *F. fascicularis* Lam.
 - 15 *F. Noachina* nobis.
 - 16 *F. minuta* Lam.
 - 17 *F. gibberula* Lam.
 - 18 *F. maxima* nobis.
 - 19 *F. calyculata* nobis.
 - 20 *F. Pustula* Lam.
 - 21 *F. calyculata* nobis.
 - 22 *F. coarctata* King.
 - 23 *F. biradiata* Frembly.
 - 24 *F. pulchra* nobis.
 - 25 *F. Oriens* nobis.
 - 26 *F. picta* Lam. var.
 - 27 *F. obscura* nobis.
 - 28 *F. costata* Gray.
 - 29 *F. cancellata* nobis.
 - 30 *F. mediterranea* Gray.
 - 31 *F. crenulata* nobis. 1825
 - 32 *F. Pica* nobis.
 - 33 *F. Pica* var. nobis.
 - 34 *F. Scutellum* Gray.
 - 35 *F. subrostrata* Guilding.

Between Oct 1
1834 and Dec
21st. 1834

Jan 1835

over

- 36 F. *Chilensis nobis.*
- 37 F. *coarctata King.*
- 38 F. *crenulata nobis.*
- 39 F. *macroschisma.*
- 39* F. *macroschisma var.*
- 40 F. *Lincolni Gray.*
- 41 F. *macrotrema nobis.*
- 41** F. *macrotrema var.*
- 42 F. *limbata var. nobis.*
- 43 F. *europæa nobis.*
- 44 F. *affinis Gray.*
- 45 F. *inæqualis nobis.*
- 46 F. *asper nobis.*
- 47 F. *nigrita nobis.*
- 48 F. *grandis nobis.*
- 49 F. *fulvescens nobis.*
- 50 F. *microtrema n. bis.*
- 51 F. *nigropunctata nobis.*
- 52 F. *biradiata var.*
- 53 F. *sanguinea nobis.*
- 54 F. *rugosa nobis.*
- 55 F. *Chemnitzii nobis.*
- 56 F. *æqualis nobis.*
- 57 F. *olivacea Gray.*
- 58 F. *candida nobis.*
- 59 F. *obtusa nobis.*
- 60 F. *oriens var. nobis.*
- 61 F. *Mexicana nobis.*
- 62 F. *radiata Lam.*
- 63 F. *Chilensis nobis.*
- 64 F. *radiata Lam. var.*
- 65 F. *Ruppellii nobis.*
- 66 F. *limbata nobis.*
- 67 F. *mutabilis nobis.*
- 68 F. *lineata nobis.*
- 69 F. *latimarginata nobis.*
- 70 F. *mutabilis var.*
- 71 F. *asperella nobis.*
- 72 F. *Panamensis nobis.*
- 72* F. *Panamensis var.*
- 73 F. *crenifera nobis.*
- 74 F. *limbata nobis.*
- 75 F. *Ruppellii nobis.* Red Sea.
- 76 F. *Barbadensis var.*
- 77 F. *Clypeus nobis.*

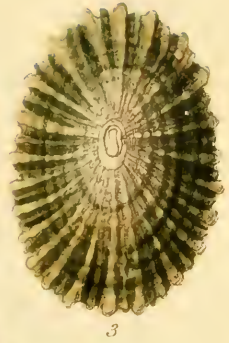
Jan. 1835

1835

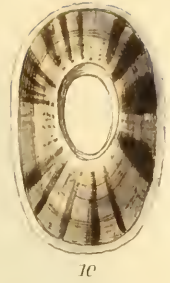
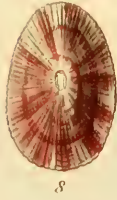
May 1835

June 30, 1835

= lata Sby. n° 25



Fissurella



Fissurella



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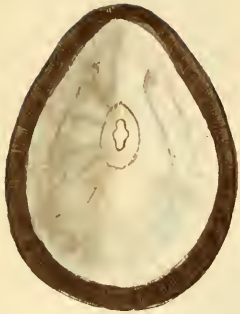


21

G.B.S. jun. exc.



Fissurella.



23



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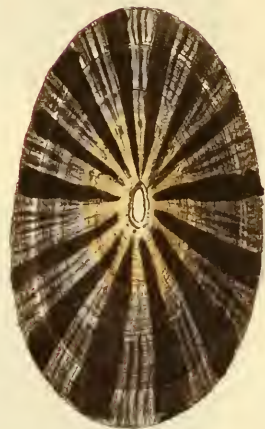
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CBS. junca.

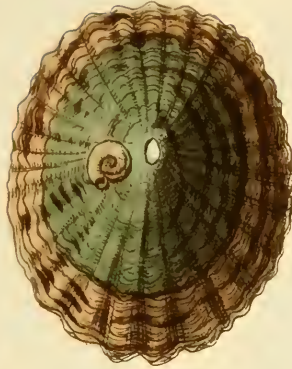
Fissurella.



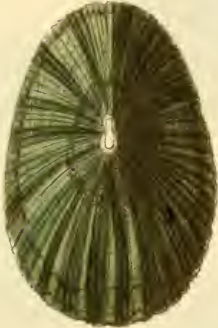
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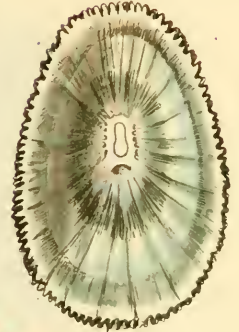
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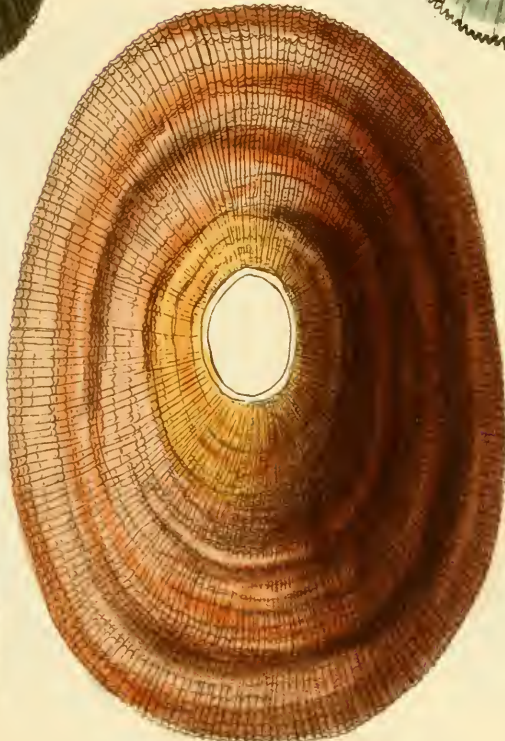
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Fissurella.



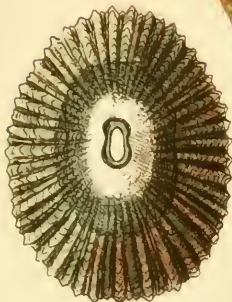
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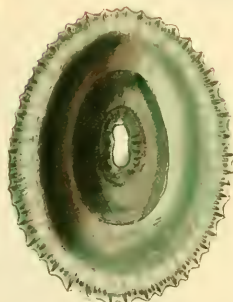
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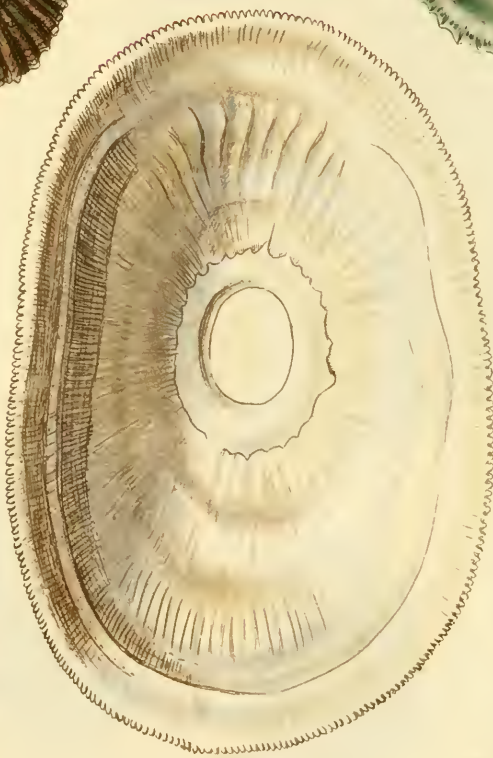
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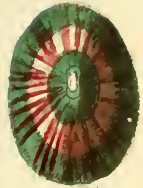
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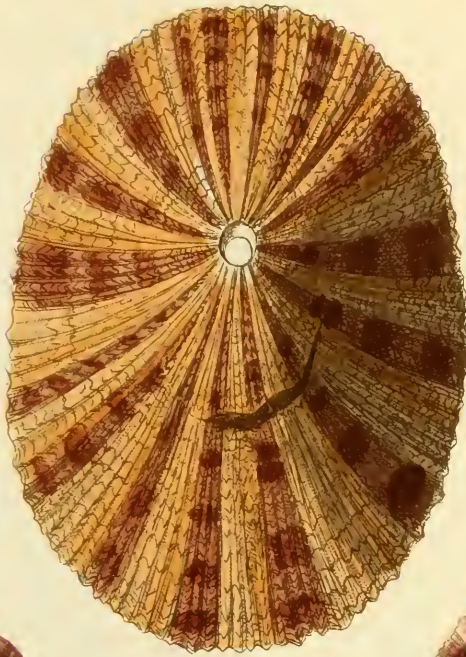
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Fissurella



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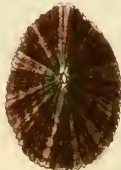
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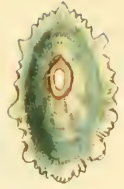
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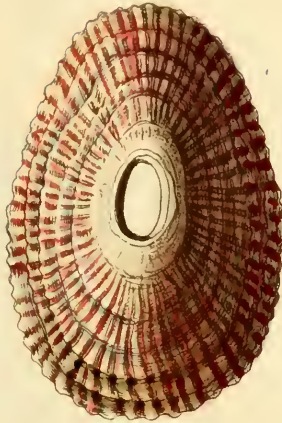
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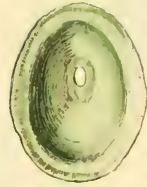


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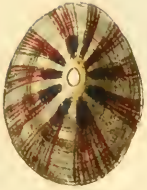
Fissurella.



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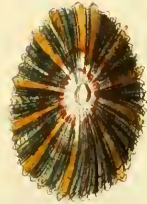
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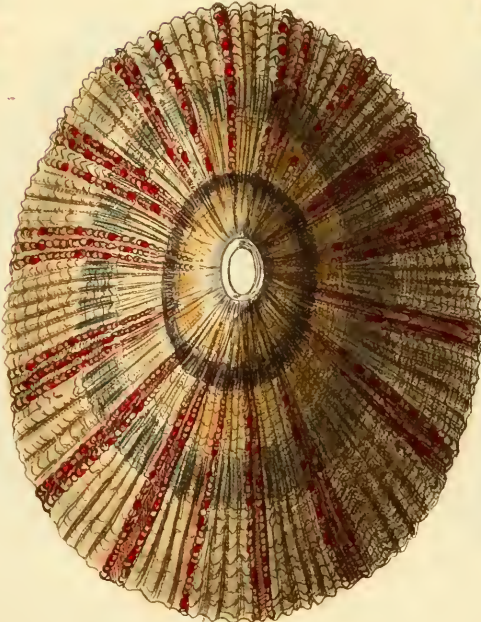
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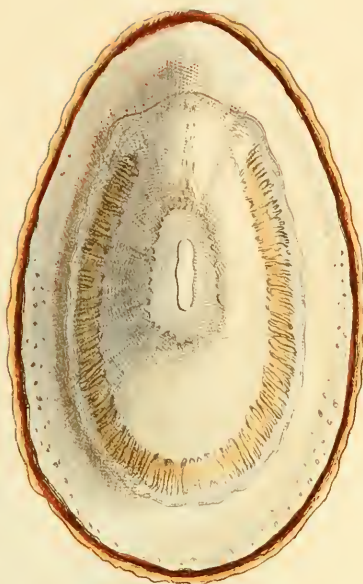
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Fissurella.

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Figsurella



G. B. S. f. v. ar

BULINUS.

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BY

G. B. SOWERBY, Jun. 27 - 1837

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3 B. *Coturnix* *Sowerby*, Z. P. 1832. Huasco in Chili.
4 B. *Chilensis* *Sowerby*, Coquimbo.
5 B. *rosaceus* *King*, Zool. Journ. vol. v. p. 341, Valparaiso.
6 & 6*B. *vittatus* *Brod.* Z. P. 1832, Ilo, Peru.
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Bulinus



Bulinus



Bulinus



Bulimus.



15



14



15*



14a.



14b.



14c.



16



16*



17

Bulinus.



19



20



18



21



20*



18



22



22*

Bulinus.



Bulimus.



33



34



35



36



35x



36'



37



37x



38



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G. B. S. jun. sc.

Bulmus.



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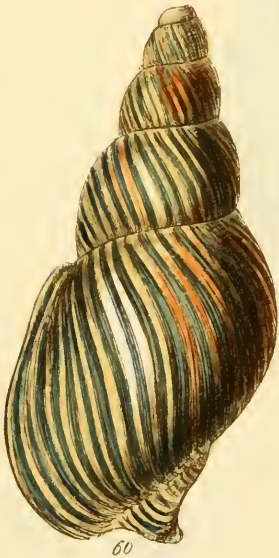


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Balenus



1841

72 15



G. B. Smith del.



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78

Bulinus



83.



84.



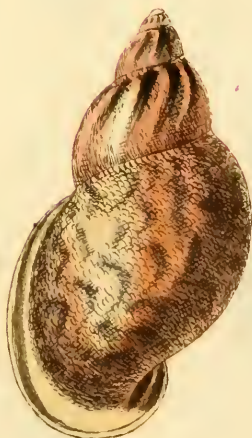
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G. B. J. p. 10

Bulinus



G. B. S. Jun. ex.

Bulinus



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96



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G.B. P. Jun. 1860



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82



89

G. C. S. f. m. c.

Bulinus



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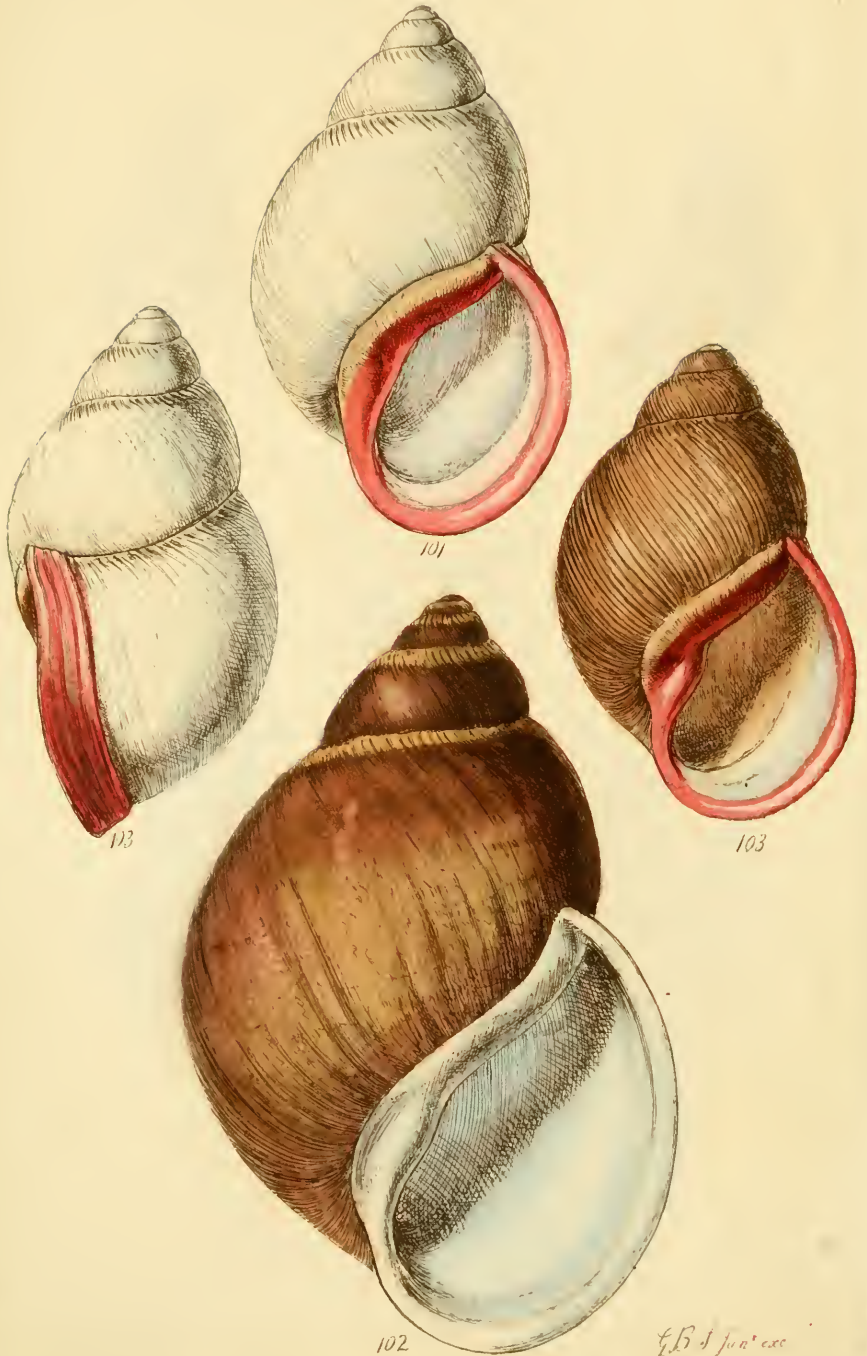


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Bulimus.



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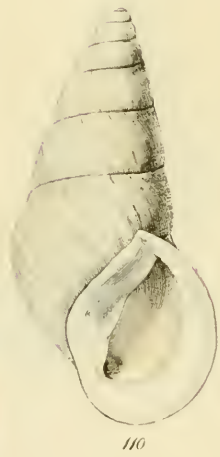
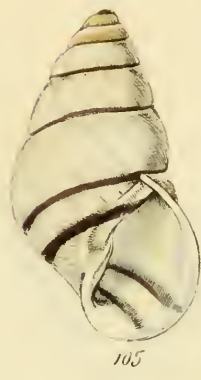
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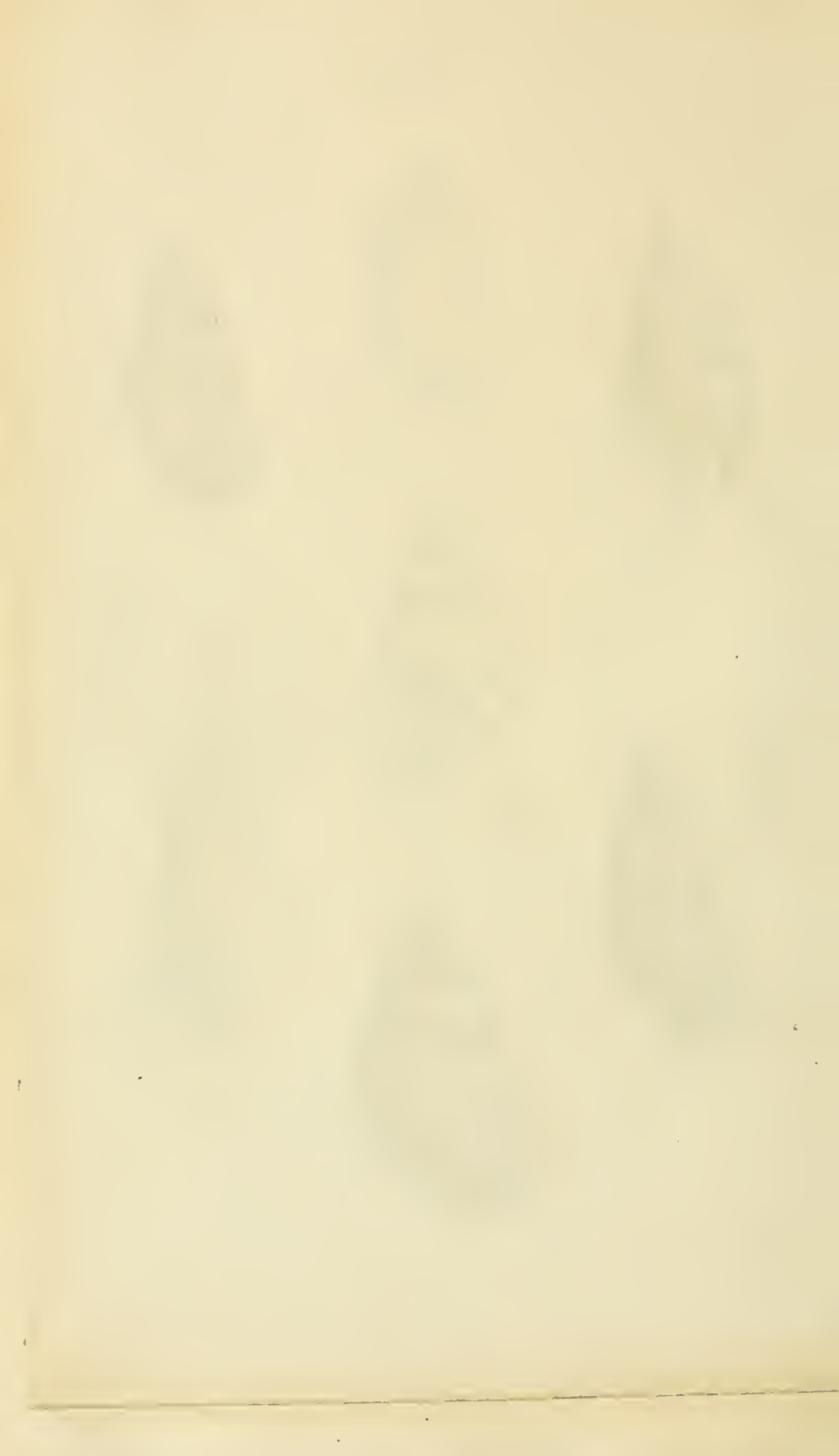
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L.B. J. pin. exc.

Bulinus







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115



112



114



113



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A CATALOGUE

Of all the Species hitherto known of the Genus *Chilina*, of Gray,
represented in the 135th and 136th parts of

Conchological Illustrations,

By G. B. SOWERBY, JUN.

- Spec. 1 *Chilina Dombeyana*. Conch. Illustr. f. 11.
2. ——— *ampullacea* Sowerby. Malacological and Conchological Mag. part 2. Conch. Illustr. f. 3.
3. ——— *tenuis*. Gray. Conch. Illustr. f. 12.
4. ——— *fluctuosa*. Gray. Spicilegia Zoologica. t. 6. f. 19. Conch. Illustr. f. 2.
5. ——— *fluviatilis*. Gray. In Mus. Brit. Conch. Illustr. f. 5.
6. ——— *fluminea*. Gray. Spicil. Zool. p. 5. Conch. Illustr. f. 7.
7. ——— *major*. Sowerby. Malacol. and Conchol. Mag. part 2, Conch. Illustr. f. 10.
8. ——— *robustior*. Sowerby. Malacol. and Conchol. Mag. part 2. Conch. Illustr. f. 1.
9. ——— *Parchappii* D'Orb. Synops. Conch. Illustr. f. 8.
10. ——— *Tehuelcha*. D'Orb. M. S. Conch. Illustr. f. 9.
11. ——— *Puelcha*. D'Orb. M. S. Conch. Illustr. f. 13.
12. ——— *gibbosa*. Sowerby. Malacol. and Conchol. Mag. part 2. Conch. Illustr. f. 4.
13. ——— *ovalis*. Sowerby. Malacol. and Conchol. Mag. part 2. Conch. Illustr. f. 6.

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3. ——— *ampullacea*
4. ——— *gibbosa*.
5. ——— *fluviatilis*.
6. ——— *ovalis*.
7. ——— *fluminea*.
8. ——— *Parchappii*.
9. ——— *Tehuelcha*.
10. ——— *major*.
11. ——— *Dombeyana*.
12. ——— *tenuis* and var.
13. ——— *Puelcha*.

Chilina



1/38 per. etc.



Chilena



8



9



9



8



10



10



11



12



12



13



G. B. S. P. S.

A CATALOGUE

OF ALL THE RECENT SPECIES HITHERTO KNOWN
OF THE GENUS

Neritina,

Figured in Parts 86, 87, 90, 91, 94 to 100, of the

CONCHOLOGICAL ILLUSTRATIONS,

BY

G. B. SOWERBY, Jun.

- Spec. 1. *N. pulligera* *Lam.* Hist. nat. des. Anim. sans vert.
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26. Genera of Recent and Fossil Shells, *Neritina*,
f. 6. India.
2. *N. canalis* *Sowerby* Tank. Cat. No. 1094, app. p.
xi. Wood Ind. Test. Sup. *Nerita*, f. 17. Conch.
Illustr. f. 22. Tahiti.
3. *N. dubia* *Lam.* Chemn. V. f. 2019. 2020. Wood
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4. *N. Zebra* *Lam.* Encycl. method. t. 455. f. 3. Wood
Ind. test. t. 35, *Nerita* f. 18. Tahiti.
5. *N. Ziczac* *Lam.* Conch. Illustr. f. 41.
6. *N. punctulata* *Encycl. method* t. 455. f. 2. Conch.
Illustr. f. 21 Isle St. Vincents.
7. *N. gagates* *Lam.* Conch. Illustr. f. 29.
8. *N. lugubris* *Lam.* Conch. Illustr. f. 38.
9. *N. Corona.* *Lam.* l. c. *Sowerby* Genera of Recent
and Fossil Shells, *Neritina* f. 3. Conch. Illustr.
f. 20. Mauritius.

- Sp .10. *N. spinosa* *Budgin* M. S. *Sowerby*, Tank. Cat. No. 1102 Conch. Illustr. f. 9. Tahiti.
11. *N. brevispinosa* *Lam.* Conch. Illustr. f. 8. 8. *a. b. c. d. e.* (*Spinosa* *Wood* Sup. t. 8. *Nerita* f. 12.) Timor and Haynam. *Humphrey*.
12. *N. crepidularia* *Lam.* *Wood* Sup. t. 8. *Nerita* f. 6. Conch. Illustr. f. 25. River Hoogly, Calcutta.
13. *N. auriculata* *Lam.* *Encycl. method.* t. 455. f. 6. Conch. Illustr. f. 17. Sumatra.
14. *N. Domingensis* *Lam.* Conch. Illustr. f. 42. St. Domingo (*Lamarck*.)
15. *N. fasciata* *Lam.* *Encycl. method.* t. 455. f. 5. Conch. Illustr. f. 35.
16. *N. lineolata* *Lam.* *Chemn.* ix. f. 1081. *Encycl. method.* t. 455. f. 4. Conch. Illustr. f. 37.
17. *N. semiconica* *Lam.* *Chemn.* ix. f. 1087. *Wood* Sup. t. 8. *Nerita* f. 15 India. Conch. Illus. f. 23.
18. *N. strigilata* *Lam.* Conch. Illustr. f. 4. var. f. 32. (*turrita* *Chemn.* ix. f. 1085.) Sumatra.
19. *N. Meleagris* *Lam.* *Chemn.* ix. t. 124. f. D. L. Conch. Illustr. f. 19. (3 var.) (*Nerita pulchella* *Wood.* Sup. t. 8. f. 18.) Brazil.
20. *N. virginea* *Lam.* *Chemn.* ix. t. 124, f. H. I. Conch. Illustr. f. 27. (six var.) W. Indies.
21. *N. fluviatilis* *Lam.* *Drap.* t. 1. f. 3. 4. Conch. Illustr. f. 33. Europe.
22. *N. viridis* *Lam.* *Chemn.* ix. f. 1081. 1082. Conch. Illustr. f. 24. (2 var.) West Indies. *Antigua*.
23. *N. Bætica* *Lam.* Conch. Illustr. f. 45. Spain.
24. *N. granosa* *Sowerby* Tank. Cat. No. 1115. Conch. Illustr. f. 6. (*papillosa* *Jay* Cat. of Recent Shells, pl. 4. f. 11. 11. 11.)
25. *N. Oweniana* *Gray.* *Wood* Sup. t. 8. *Nerita* f. 8. Conch. Illustr. f. 15. Africa.

- Sp. 26. *N. cariosa Gray*. Wood Sup. t. 8. Nerita f. 9.
Conch. Illustr. f. 5. (In the list published
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incorrectly named *N. Caffra Gray*.)
27. *N. Caffra Gray*. Woods Sup. t. 8. Nerita. f. 10.
Conch. Illustr. f. 51. Fernando Po.
28. *N. Smithii Gray*. Wood Sup. t. 8. Nerita f. 11.
Conch. Illustr. f. 36. River Hoogly, Calcutta.
29. *N. latissima Brod.* Zool. Proc. Part II. 1832 p. 201.
Conch. Illustr. f. 3. var. Conch. Illustr. f. 16.
Real Llejos.
30. *N. dilatata Brod.* Zool. Proc. 1. c. Conch. Illustr.
f. 11. Tahiti.
31. *N. globosa Brod.* Zool. Proc. 1 c. Conch. Illustr. f.
12. (*Owenii* Wood Sup. t. 8. Nerita f. 16.)
Chiriqui.
32. *N. Nux. Brod.* Zool. Proc. 1. c. Conch. Illustr. f.
39. Tahiti.
33. *N. intermedia Sowerby*, Zool. Proc. loc. cit. Conch.
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Nocoiya.
34. *N. chlorostoma, Sowerby*, Zool. Proc. 1. c. Conch.
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35. *N. picta, Sowerby*, Zool. Proc. 1. c. Conch. Illustr
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37. *N. Morio, Sowerby*, Zool. Proc. 1. c. Conch. Illustr.
f. 40. Ducie's and Easter Islands.
38. *N. Faba, Sowerby*, Conch. Illustr. f. 10. Singapore.
39. *N. Afra, Sowerby*, Conch. Illustr. f. 13. Fernando
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40. *N. piperina Chemn.* Conch. Illustr. f. 18. Malabar,
Chemn. Found among Pepper.
41. *N. subgranosa, Sowerby*, Conch. Illustr. f. 14.
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- Sp. 42. *N. Prevostiana* Conch. Illustr. f. 46. Europe.
 43. *N. Danubialis*, *Sadler*, Conch. Illustr. f. 47. Danube.
 44. *N. Dalmatica*, *Partsch*, Conch. Illustr. f. 57.
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 47. *N. rivalis*, *Parreyss*, Conch. Illustr. f. 58. Europe.
 48. *N. Jordani*, *Sowerby*, Conch. Illustr. f. 49. (3 var)
 River Jordan, Dr. Butler.
 49. *N. labiosa*, *Sowerby*, Conch. Illustr. f. 48.
 50. *N. subsulcata*, *Sowerby*, Conch. Illustr. f. 50.
 51. *N. reticularis*, *Sowerby*, (*reticulata*, *Benson*) Conch.
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 52. *N. obtusa*, *Benson*, Conch. Illustr. f. 43. Calcutta.
 53. *N. Coromandeliana*, *Sowerby*, Conch. Illustr. f. 52.
 Coromandel. (*Humphrey*, ex mus. Portl.)
 54. *N. Philippinarum*, *Sowerby*, Conch. Illustr. f. 53.
 Manilla.
 55. *N. Cassiculum*, *Sowerby*, Conch. Illustr. f. 55.
 56. *N. Sumatrensis*, *Sowerby*, Conch. Illustr. f. 54.
 57. *N. pulchra*, *Sowerby*, Conch. Illustr. f. 59.
 58. *N. triserialis*, *Sowerby*, Conch. Illustr. f. 60.
 59. *N. Guyaquilensis*, *D'Orb.* Guyaquil.

Neritina.

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- Fig. 1. *N. picta*, *Sow.* Sp. 35.
2. *N. reticulata*, *Sow.* Sp. 36.
3. *N. latissima*, *Brod.* Sp. 29.
4. *N. Strigilata*, *Lam.* Sp. 18.
5. *N. cariosa*, *Gray*, Sp. 26.
6. *N. granosa*, *Sow.* Sp. 24.
7. *N. intermedia*, *Sow.* Sp. 33.
8. *N. brevispinosa*, *Lam.* Sp. 11.
9. *N. spinosa*, *Budgin*, Sp. 10.
10. *N. Faba*, *Sow.* Sp. 38.
11. *N. dilatata*, *Brod.* Sp. 30.
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14. *N. subgranosa*, *Sow.* Sp. 41.
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16. *N. latissima*, *Brod.* Sp. 29.
17. *N. auriculata*, *Lam.* Sp. 13.
18. *N. piperina*, *Chemn.* Sp. 40.
19. *N. Meleagris*, *Lam.* Sp. 19.
20. *N. Corona*, *Lam.* Sp. 9.
21. *N. punctulata*, *Lam.* Sp. 6.
22. *N. canalis*, *Sow.* Sp. 2.
23. *N. semiconica*, *Lam.* Sp. 17.
24. *N. viridis*, *Lam.* Sp. 22.
25. *N. crepidularia*, *Lam.* Sp. 12.
26. *N. pulligera*, *Lam.* Sp. 1.
27. *N. virginica*, *Lam.* Sp. 20.

- Fig. 28. *N. dubia*, *Lam.* Sp. 3.
 29. *N. gagates*, *Lam.* Sp. 7.
 30. *N. pupa*, *Dillwyn*, Sp. 45.
 31. *N. Zebra*, *Lam.* Sp. 4.
 32. *N. strigilata*, *Lam.* var. Sp. 18.
 33. *N. fluviatilis*, *Lam.* Sp. 21.
 34. *N. chlorostoma*, *Sow.* Sp. 34.
 35. *N. fasciata*, *Lam.* Sp. 15.
 36. *N. Smithii*, *Gray*, Sp. 28.
 37. *N. lineolata*, *Lam.* Sp. 16.
 38. *N. lugubris*, *Lam.* Sp. 8.
 39. *N. Nux*, *Brod.* Sp. 32.
 40. *N. Morio*, *Sow.* Sp. 37.
 41. *N. ziczac*, *Lam.* Sp. 5.
 42. *N. Domingensis*, *Lam.* Sp. 14.
 43. *N. obtusa*, *Benson*, Sp. 52.
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 51. *N. Caffra*, *Gray*, Sp. 27.
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 59. *N. pulchra*, *Sow.* Sp. 57.
 60. *N. triserialis*, *Sow.* Sp. 58.

Vermetus



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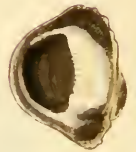
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G.B.S. jun' etc.

1852



8 a.



8 b.



8 c.



8 d.



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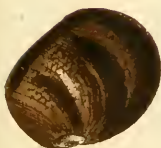
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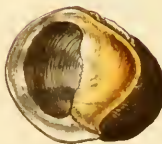
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Neritina.



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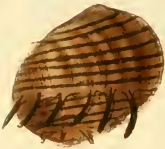
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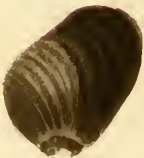
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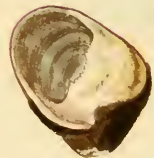
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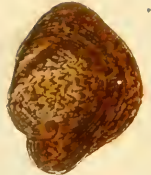
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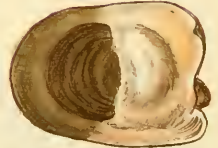
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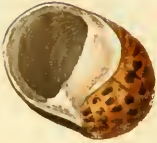
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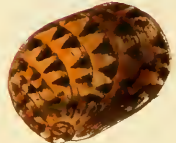
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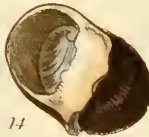
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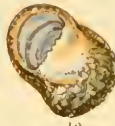
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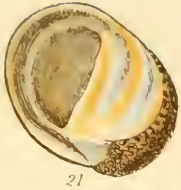
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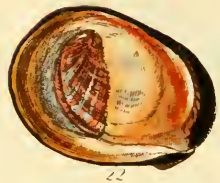
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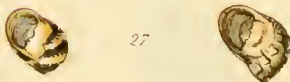
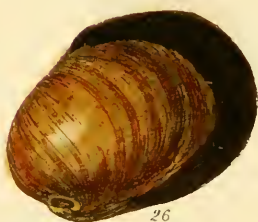


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Veritina



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Veritina



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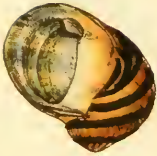
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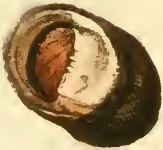
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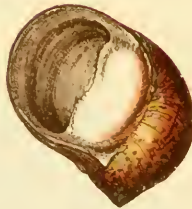
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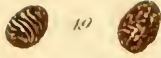


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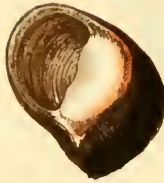
Neritina



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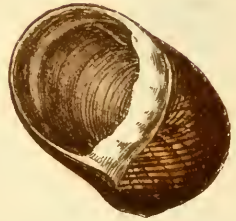
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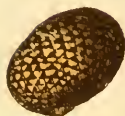
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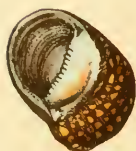
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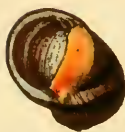
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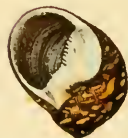
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58



A CATALOGUE
OF THE
RECENT SPECIES OF THE GENUS
EULIMA.

§ 1. perforatæ.

- Sp. 1 *splendidula nobis*. Conch. Ill. f. 7. St. Elena. Mr. Cuming.
2 *marmorata nobis*. Conch. Ill. f. 8.
3 *interrupta nobis*. Conch. Ill. f. 11. Gulf of Nocoioyo. Mr. Cuming.
4 *imbricata, nobis*. Conch. Ill. f. 4. St. Elena, Mr. Cuming.
5 *brunnea nobis*. Conch. Ill. f. 9. Haynam and China.

§ 2. imperforatæ.

- 6 *brevis nobis*. Conch. Ill. f. 15. Lord Hoods Island, Mr. Cuming.
7 *hastata nobis*, Conch. Ill. f. 10. St. Elena, Mr. Cuming.
8 *major nobis*. Conch. Ill. f. 1. var. f. 1* and f. 1,** Tahiti, Mr. Cuming.
9 *labiosa, nobis*. Conch. Ill. f. 2.
10 *anglica nobis*. Conch. Ill. f. 5. Turbo politus. Mont. British.
11 *subangulata nobis*. Conch. Ill. f. 8. East Indies.
12 *pusilla nobis*. Conch. Ill. f. 6. St. Elena, Mr. Cuming.
13 *articulata nobis*. Conch. Illust. f. 12. Australia.
14 *varians nobis*. Conch. Ill. f. 14. Xiixapi, Mr. Cuming.
15 *lineata nobis*. Conch. Ill. f. 13. British? Turbo glaber Dacosta.

EULIMA.

Corrected list of figures in parts 52, 53, of
CONCHOLOGICAL ILLUSTRATIONS.

Fig. 1. *E. major*.

1.* ——— var.

1** ——— var.

2. *E. labiosa*.

3. *E. subangulata*.

4. *E. imbricata*.

5. *E. anglica*.

6. *E. pusilla*.

7. *E. splendidula*.

8. *E. marmorata*.

9. *E. brunnea*.

10. *E. hastata*.

11. *E. interrupta*.

12. *E. articulata*.

13. *E. lineata*.

14. *E. varians*.

15. *E. brevis*.

Eulina.



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g. S. jur.

Eulima



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A CATALOGUE

OF ALL THE SPECIES HITHERTO KNOWN OF LEACH'S
GENUS MARGARITA,

Represented in the 132nd, 133rd, and 134th Parts of

Conchological Illustrations,

BY

G. B. SOWERBY, JUN.

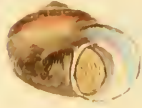
- Spec. 1. *Margarita tæniata*, Conch. Ill. fig. 2.
2. ——— *violacea*, *King*, in Zool. Journal, vol. v. p. 346.
Conch. Ill. f. 11.
——— *violacea* var. Conch. Ill. f. 12.
3. ——— *expansa*, *Sowerby*, in Malacol. and Conchol.
Mag. p. 24. Conch. Ill. f. 16.
——— *expansa* var. Conch. Ill. f. 17.
4. ——— *sigaretina*, *Sowerby*, in Malacol. and Conchol.
Mag. p. 24. Conch. Ill. f. 14.
5. ——— *vulgaris*, *Leach*, Conch. Ill. f. 13.
6. ——— *carnea*, (*Turbo carneus* *Lowe*) Conch. Ill. f. 9.
7. ——— *striata*, *Brod. & Sowerby*, in Zool. Journal, iv.
Conch. Ill. f. 3. 18.
8. ——— *arctica*, *Leach*, Conch. Ill. f. 6.
9. ——— *grælandica*, *Beck*, Conch. Ill. f. 10.
10. ——— *umbilicalis*, *Brod. & Sowerby*, Zool. Journal, iv.
Conch. Ill. f. 5.
11. ——— *sulcata*, *Sowerby*, in Malacol. and Conchol.
Mag. p. 26. Conch. Ill. f. 1.
12. ——— *undulata*, *Sowerby*, in Malacol. and Conchol.
Mag. p. 26. Conch. Ill. f. 4.
13. ——— *costellata*, *Sowerby*, in Malacol. and Conchol.
Mag. p. 26. Conch. Ill. f. 15.
14. ——— *acumiata*, *Sowerby*, in Malacol. and Conchol.
Mag. p. 26. Conch. Ill. f. 7.
15. ——— *Solariiformis*, *Sowerby*, in Malacol. and Con-
chol. Mag. p. 26. Conch. Ill. f. 8.

Caudofoveata

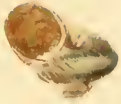


Fig. 151 per

Muricantha



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(A)



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garalle
ansatt,
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Abu squaridra



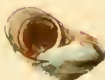
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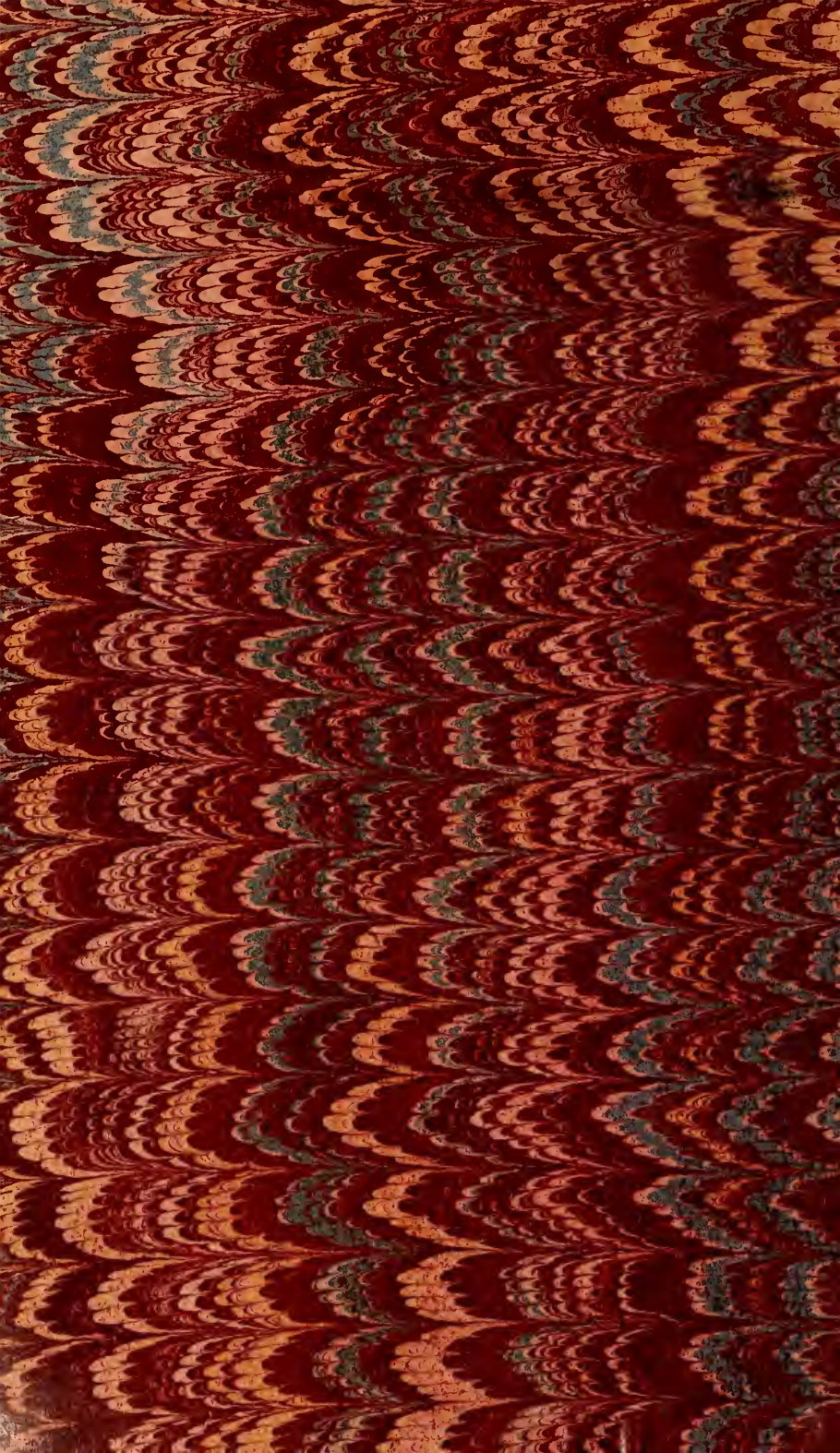
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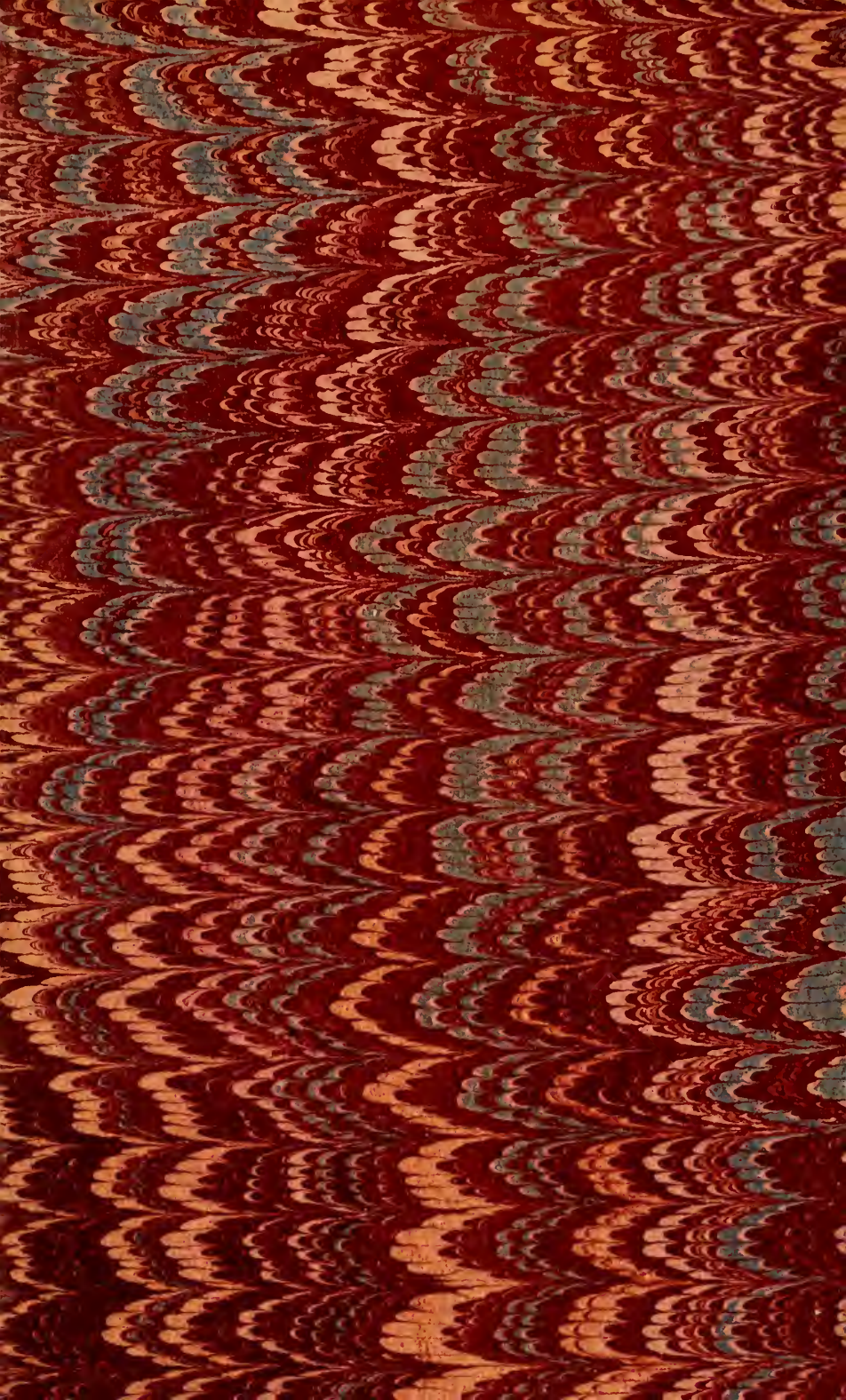


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glatte pul v

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