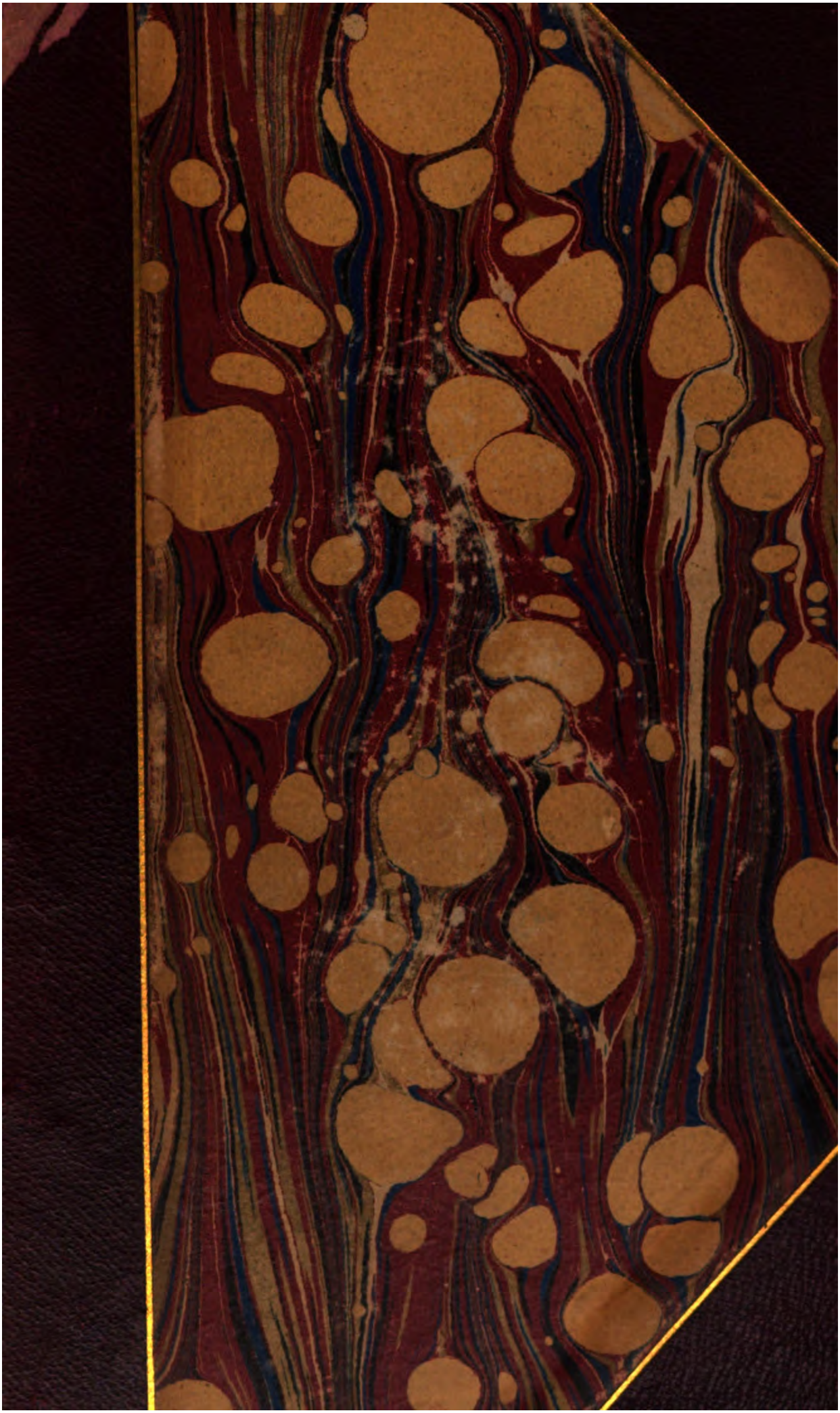

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The intention of giving the Text of a DESCRIPTIVE CATALOGUE OF SHELLS, by JOHN EDWARD GRAY, Esq. F.R.S. &c., in company with these CONCHOLOGICAL ILLUSTRATIONS, having been abandoned, the names of the species figured in each part will now be given with it, and, as complete a Catalogue as can be made will be added in the course of publishing each genus. Such Catalogue will consist of the names of all the species that can be ascertained, together with the localities and a reference to a figure where any is known: and where there is no good previous figure known, one will be given. A reference to the Author whose name is adopted will be added, together with concise descriptions of the new species. The CONCHOLOGICAL ILLUSTRATIONS will thus form a very complete addition to WOOD'S CATALOGUE OF SHELLS.

Cypraea.
8
8*

The following Cowries are represented in this first part of

The Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 1. Cypræa Princeps *Gray;* dorsal view.

3. ..... Microdon *Gray;* back and front.

4. ..... annulata *Gray;* do.

5. ..... Cumingii *Gray;* do.

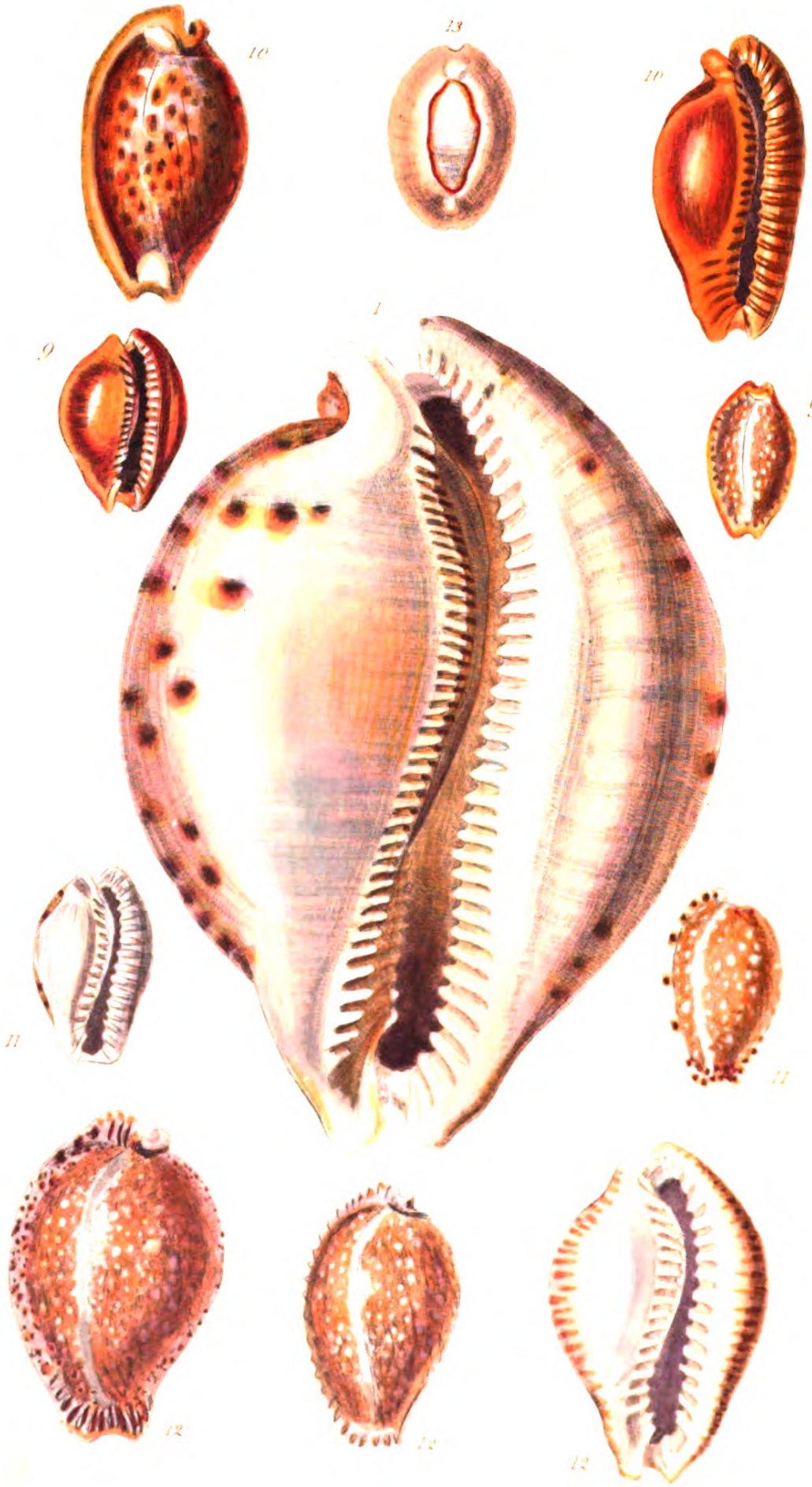
6. ..... Margarita *Solr.;* do.

7. ..... Adamsonii *Gray;* do.

8 ..... Gangrenosa *Solr.;* do.

8* ..... Gangrenosa var. dorsal view.

Cypræa.



The following Cowries are represented in this second part of

The Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 1. Cypræa Princeps *Gray;* front view.

9. ..... citrina *Gray;* back and front.

10. ..... bicallosa *Gray;* do.

11. ..... flaveola *Linn;* do.

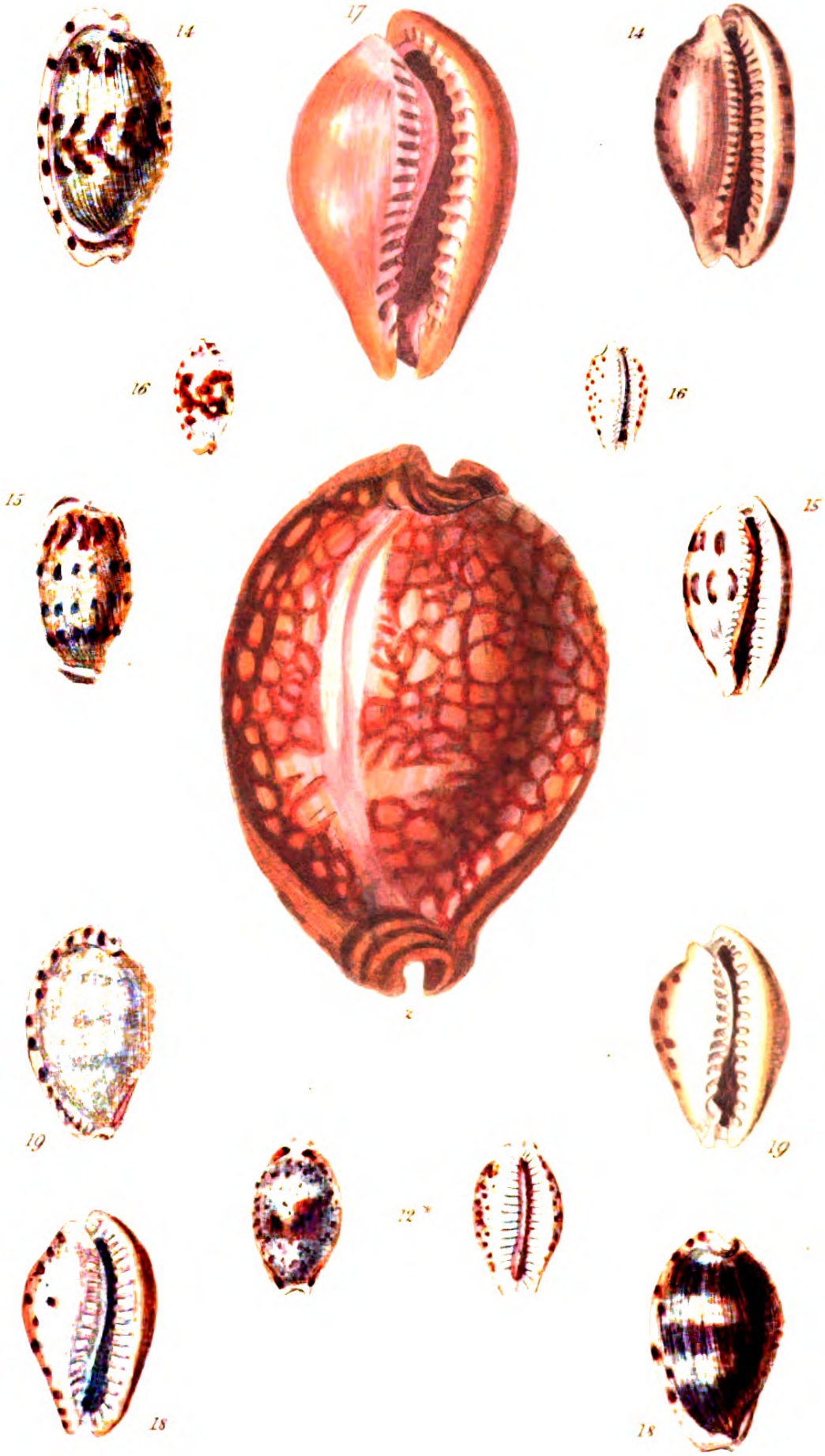
12. ..... Lamarckii *Gray;* back and front

12. ..... Lamarckii *Gray;* var.* dorsal view

13. ..... obvelata *Lam;* do.

* The middle figure at the lower end of the plate.

Cypræa.



The following Cowries are represented in this Third Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 2. Cypræa Broderipii *Gray*, dorsal view.

12* ..... stolida var. *nob.* back and front.

14. ..... tabescens *Gray*, do.

15. ..... interrupta *Gray*, do.

16. ..... Goodallii *Gray*, do.

17. ..... Onyx var. *Gray*, front view.

18. ..... Xanthodon *Gray*, back and front.

19. ..... pallida *Gray*, do.

Oct. 12th, 1832.

Cypræa.

The following Cowries are represented in this Fourth Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 2. Cypræa Broderipii *Gray*, front view.

12**..... Hirundo var. *Gray*, back and front.

20. ..... punctulata *Gray*, do.

21. ..... contaminata *Gray*, do.

22. ..... nigro-punctata *Gray*, do.

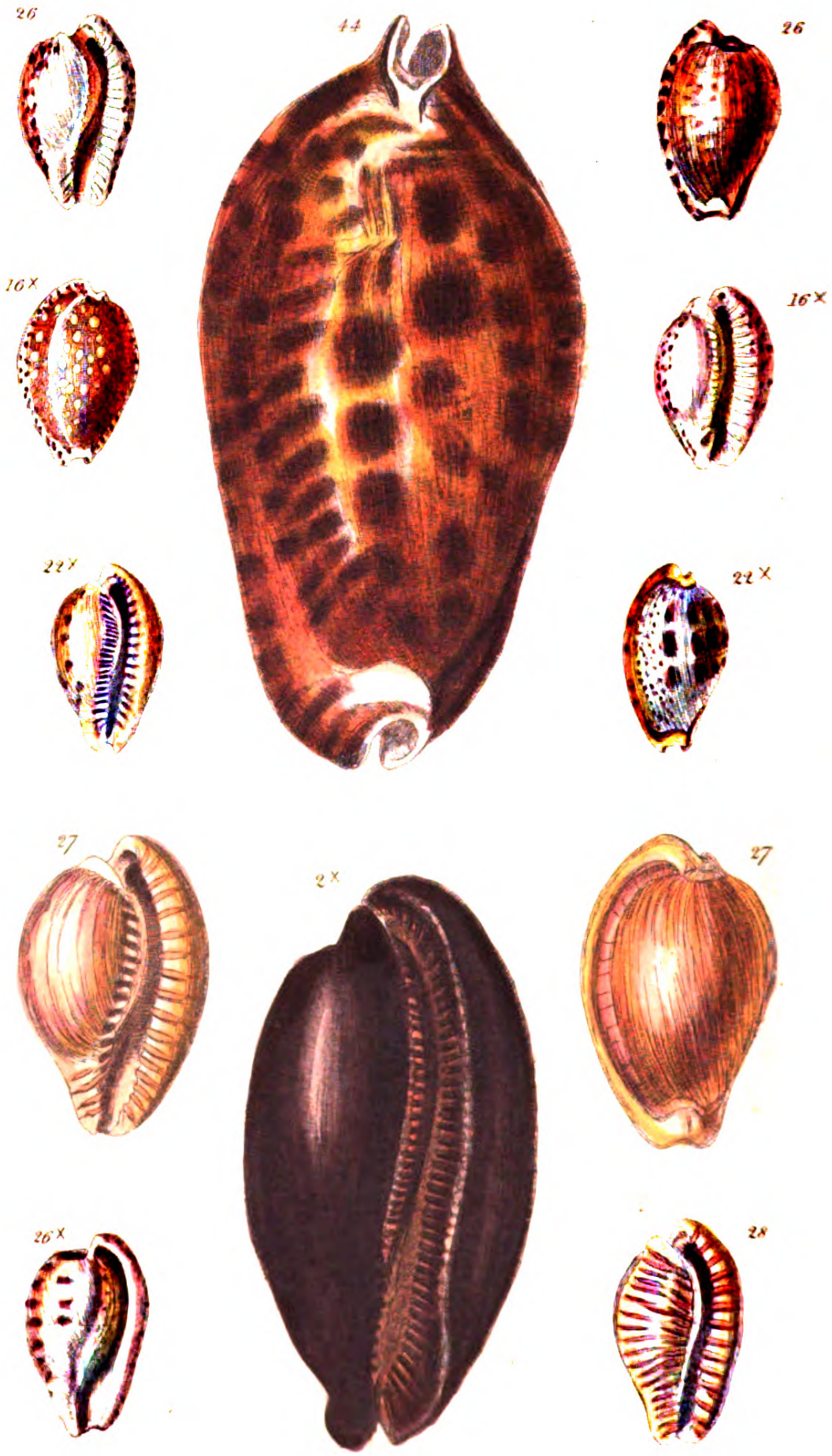
23. ..... pyriformis *Gray*, do.

24. ..... piperita *Gray*, do.

25. ..... irrorata *Solr*. do.

Oct. 19th, 1832.

Cypræa.



The following Cowries are represented in this Fifth Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 2* Cypræa exusta *nobis,* front view.

16* . . . . . cribraria var. back and front

22* . . . . . Walkeri *Gray,* do.

26 . . . . . Algoensis *Gray,* do.

26* . . . . . edentula *nobis,* front view.

27 . . . . . similis *Gray,* back and front.

28 . . . . . fusco-dentata *Gray,* front view.

44 . . . . . Scottii, *Brod.* dorsal view.

The following Cowries are represented in this Sixth Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 29. Cypræa australis *Lam.* dorsal view

30. .... Maugeriæ *Gray,* back and front

31. .... rufescens *Gray,* dorsal view

32. .... sanguinea *Gray,* do.

32*. .... Pulex *Gray,* back and front

33. .... 4-punctata *Gray,* dorsal view

34. .... globosa *Gray,* do.

35. .... exigua *Gray,* do.

36. .... subrostrata *Gray* do.

37. .... fusca *Gray,* do.

38. .... Oryza *Lam.* do.

44. .... Scottii, *Brod.* front view

49. .... depauperata *Sowerby,* dorsal view.

2nd Nov. 1832.

Cypræa.

The following Cowries are represented in this Seventh Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 2*. Cypræa exusta, dorsal view

38*. . . . . nivea *Gray*, do.

39*. . . . . pacifica *Gray*, 3 views

41. . . . . suffusa *Gray*, 2 varieties

42. . . . . Californica *Gray*, dorsal view

43. . . . . Solandri *Gray*, do.

45. Erato scabriuscula *Gray*, back and front

46. . . . . sulcifera *Gray*, dorsal view

47. . . . . Maugeriæ *Gray*, do.

48. . . . . Lachryma *Gray*, do.

50. . . . . Guttula *Sowerby*, do.

N.B. A part of the Catalogue of the Cypræidæ is given with this

9th Nov. 1832.

G B S. jun

The following Cypræadæ are represented in this 8th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 40 ..... Cypræa pulchella, two views.
52 ..... Reevei
53 ..... Spurca var. alba.
54 ..... Turdus var. alba.
55 ..... Humphreysii, two views.
56 ..... teres, two views.
51 Erato angistoma, two views.
57 ..... lævis.
58 Ovulum rufum
59 ..... Avena, two views.
60 ..... inflexum, two views.
61 ..... æquale.

Mr. Sowerby is exceedingly sorry to observe that the *Cypræa Childreni* has been inadvertently omitted from the Catalogue of the Cypræadæ; it should be placed near to C. Globulus.

A CATALOGUE

OF THE

RECENT SPECIES OF CYPRÆADÆ.

In the following Catalogue the Recent Species of the family of Cypræadæ are arranged as far as the present state of knowledge will enable us according to their apparent relations. It is drawn up by Mr. G. B. SOWERBY, the Elder, who alone must be held responsible for all its imperfections, be they few or many. He has added Descriptions of such as are not already described in the Zoological Journal. As representations are given of those that are not figured before they will be referred to in this Catalogue. A few observations are added, and *no charge is made for it.*

Genus CYPRÆA.

1 Cypræa Princeps, *Gray*, Zool. Jour., I. p. 75, Conch. Ill. f. 1, Persian Gulf

2 ——— Mappa, *Linn.*, Encycl. Meth. t. 352, f. 4, *Sowerby*, Gen. of Shells, Cypræa, f. 3, Indian Ocean, Friendly Islands, Annaa, &c.

Obs. Of this beautiful species there are four or five varieties from different localities.

3 ——— Arabica, *Linn.*, Encycl. Meth., t. 352, f. 1, 2, Indian and Pacific Oceans.

Obs. This appears to be a variable species. The *C. Histrio*, and *C. reticulata* of some authors, Encycl. Meth., t. 351, f. 1, may possibly prove to be distinct. I have never seen the C. *maculata* of *Barnes*, but if

permitted to form my judgment from his figure (Ann. of Lyceum of Nat. Hist. of New York, vol. I., part 1, p. 133, pl. IX. f. 1.) I should say it was perfectly distinct.

4 Cypræa Tigris, *Linn.*, Encycl. Meth., t. 353, f. 3. Indian and Pacific Oceans.

5 ——— Pantherina, *Solander*, Encycl. Meth., t. 353, f. 5. Persian Gulf.

Obs. C. *umbilicata* of *Sowerby*, in Tank. Cat. may prove to be only a variety of this.

6 ——— Mauritiana, *Linn.*, Encycl. Meth. t. 350, f. 2. East Indies and Pacific.

7 ——— stercoraria, *Linn.*, Encycl. Meth. 354, f. 5. Persian Gulf.

8 ——— Aurora, *Solander*, Chem. XI., f. 1737-1738. Ulitea, one of the Society Islands.

9 ——— Leucodon, *Brod.*, Zoological Journal IV., t. 5. Locality unknown.

10 ——— sulcidentata, *Gray*, Zool. Journ., t. 7 & 12, f. 5, Locality unknown.

11 ——— Arabicula *Lam.*, Zool. Journ. I., t. 7 & 12, f. 4. St. Elena: small variety from Real Llejos.

12 ——— Lynx, *Linn.*, Encycl. Meth., t. 355, f. 8. East Indies and Pacific.

13 ——— Vitellus, *Linn.*, Encycl. Meth., t. 354, f. 6. East Indian Ocean, Pacific; Annaa.

14 ——— Carneola, *Linn.*, Wood Ind. Test. t. 16, f. 9. East Indian Ocean, Pacific; Annaa.

15 ——— cinerea, *Linn.*, Wood Ind. Test., 17, f. 27. West Indies

15* ——— Reevei, *Gray*. Shell oval, ventricose, brown; spire evident, aperture narrow, ends short, reddish; teeth

small, numerous, continuing over the columella and strongly marked over the cavity at its anterior extremity; length 1·2, breadth 0·85. From Garden Island, mouth of the Swan River. Conch. Illustr., f. 52.

16 Cypræa melanostoma, *Leathes*, Zool. Journ., t. 18, f. 3, 4. Persian Gulf.

17 ——— achatina, *Solander*, Wood Ind. Test., t. 17, f. 18. Annaa, South Seas

18 ——— arenosa, *Gray*, Zool. Journ., I. t. 7 & 12, f. 6. Pacific Ocean, Annaa.

19 ——— nivosa, *Brod.*, Zool. Journ. III., t. 4, f. 1, Mauritius

20 ——— Broderipii, *Gray*, Conch. Illus., f. 2. Madagascar.

Shell oval, ventricose, rather acuminated in front, of a pale fulvous colour varied with rosy hue and whitish, and for the most part covered with variously sized brown reticulations, dorsal line rather lateral, wide, not covered with the brown reticulations; aperture rather narrow, teeth nearly covering the whole of the columellar lip, white, rather large, those of the columellar lip smaller; base orange brown; sides darker, cracked, with some white spots about their upper edge; extremities brown: length 2·65, breadth 1·75, Conch. Illust. f. 2.

C. Broderipii, *Gray*, Descrip. Cat. p. 3, no. 18.

Obs. The only specimen known is in Mr. Cumings Cabinet.

21 ——— Exanthema, *Linn.*, Encycl. Meth., t. 349. West Indies.

22 ——— Cervus, *Linn.*, Encycl. Meth., t. 351, f. 3. East Indies

23 Cypræa Testudinaria, *Linn.*, Encycl. Meth., t. 351, f. 2, Mauritius.

24 ——— Talpa, *Linn.*, Encycl. Meth., t. 353, f. 4, Indian Ocean, Annaa.

25 ——— exusta, Conch. Illustr., f. 2*. Persian Gulf.

Shell oblong-oval, dark brown, beneath pitch black; extremities rather produced; teeth very numerous, close-set, small, short, particularly those of the columellar lip; base of the columella white, with two rather obsolete teeth near the anterior extremity; teeth dark brown, not extending over the columella, nor over the concavity near its base; space between the teeth and the fold forming the anterior canal very narrow. Length 2·6, breadth 1·4. Inhabits the Persian Gulph.

Obs. This is the *Cypræa Talpa exustus* of Gray's Descr. Catal. p. 4, no. 28. It appears to be quite distinct.

26 ——— Argus, *Linn.*, Encycl. Method., 350, f. 1. Indian Ocean; Friendly Islands.

27 ——— Scurra, *Chem.*, Encycl. Meth., t. 352, f. 3. Annaa, East Indies.

28 ——— pulchra, *Gray*, Zool. Journ., Vol. I. t. 7. and 12, f. 9. Persian Gulf.

29 ——— Isabella, *Linn.* Wood's Cat., t. 17, f. 18. East Indian and Pacific; Annaa.

30 ——— controversa, *Gray*, Zool. Journ., t. 7 & 12, f. 7.

Obs. This may prove to be only a variety of C. Isabella

31 ——— lurida, *Linn.*, Encycl. Meth., t. 354, f. 2. Mediterranean.

32 ——— microdon, *Gray*, Conch. Illust. f. 3.

33 Cypræa Scottii *Brod.*, Zool. Jour., Vol V., p. 330, t. XIV. Garden Island.

34 ——— Mus, *Linn.*, Encycl. Meth., t. 354, f. 1.

Obs. The Ovula tuberculosa, *Duclos*, is a decided Cypræa, and should come next to this; it is the same as Mr. Gray has called Cypræa Deshayesii.

35 ——— tessellata, *Swainson*, Zool. Illust., t. 111. South Sea Islands.

36 ——— annulata, *Gray*, Conch. Illust. f. 4. Annaa.

37 ——— Margarita, *Sol.*, Conch. Illust., f. 6. Ulitea.

38 ——— Cicercula, *Linn.*, Encycl. Meth., t. 355, f. 1. Annaa.

39 ——— Globulus, *Linn.*, Encycl. Meth., t. 356, f. 2, East Indies

40 ——— Staphylæa, *Linn.*, Encycl. Meth:, t. 356, f. 9. Mauritius.

41 ——— Nucleus, *Linn.*, Encycl. Meth. t. 355, f. 3. Mauritius; Annaa.

42 ——— Madagascariensis, *Lam.*, Sowerby's Genera, Cypræa, f. 6. Madagascar, Pacific.

43 ——— guttata, *Gmel.*, Zool. Journ., II., t. 18, f. 1, 2.

44 ——— poraria, *Lam.*, Encycl. Meth., t. 356, f. 4, Ceylon; Pacific.

45 ——— albuginosa, *Gray*, Zool. Journ., I., t. 7 and 12, f. 2, Ceylon; Mexico.

46 ——— Listeri, *Gray*, Lister, t. 701, f. 48.

47 ——— gangrenosa, *Gmel.*, Conch. Illustr., f. 8, Ceylon

48 ——— citrina, *Gray*, Conch. Illustr., f. 9.

49 ——— Helvola, *Linn.*, Encycl. Meth., t. 356, f. 13. Tahiti.

50 Cypræa bicallosa, *Gray*, Conch. Illustr., f. 10.
Shell ovate-oblong, extremities rather produced, margined, orange brown, back paler with brown dots ; a light coloured callosity at each end of the back ; base darker coloured ; teeth large, close, much extended ; length breadth

51 ——— spurca, *Linn.*, Encycl. Meth., t. 356, f. 14. var. alba, Conch. Illust., f. 53.

52 ——— flaveola, *Linn.*, Conch. Illustr., f. 11.

53 ——— erosa, *Linn.*, Encycl. Meth. t. 355, f. 4. Annaa.

54 ——— Lamarckii, *Gray*, Conch. Illustr., f. 12.

55 ——— ocellata, *Linn.*, Encycl. Meth., t. 355, f. 7. Ceylon.

56 ——— Turdus, *Lam.*, Zool. Journ. I., t. 7 and 12, f. 3. var. alba, Conch. Illust., f. 54.

57 ——— Caput-serpentis, *Linn.*, Encycl. Meth., t. 354, f. 4. Tahiti,

58 ——— Annulus, *Linn.*, Encycl. Meth., t. 356, f. 7. Tahiti.

59 ——— obvelata, *Lam.*, Conch. Illustr., f. 13. Tahiti.

60 ——— Moneta, *Linn.*, Encycl. Meth., t. 356, f. 3.

61 ——— Asellus, *Linn.*, Encycl. Meth., t. 356, f. 5.

62 ——— 4-maculata, *Gray*, Wood's Cat. App., t. 3. f. 8.

63 ——— interrupta, *Gray*, Conch. Illustr., f. 15, Ceylon.

64 ——— Hirundo, *Linn.*, Wood's Cat., t. 17., f. 36, var. Owenii, Conch. Illustr., f. 12**.

65 ——— stolida, *Linn.*, *Chemn.*, XI., 1743, 1744, Ceylon.

66 ——— neglecta *nobis*, Conch. Illustr., f. 12*.
Shell ovate-oblong, bluish; with an irregular rust-colored blotch in the middle of the back, ends produced,

spire depressed; two black dots at each end; margins and base white, the former brown dotted: teeth numerous, much extended on both sides, length 0·7., breadth 0·4. From the Mauritius.

C. Hirundo, var. 1. *Gray*, Descr. Cat., p. 9. *C. stolida*, var. nobis.

Obs. A very pretty little shell, which may be distinguished at first sight with ease from both C. Hirundo and C. stolida, though more like the latter than the former.

67 Cypræa punctata, *Linn.*, Encycl. Meth., t. 355, f. 10, Mauritius.

68 ——— pulchella, *Swainson*, Conch. Illustr.. f. 40.

69 ——— pyriformis, *Gray*, Conch. Illustr., f. 23, Ceylon.

70 ——— Walkeri, *Gray*, Conch. Illustr., f. 22*.

Shell ovate, somewhat pear-shaped, pale with yellow brown dots, and a broad interrupted central band; spire depressed; base and margin yellowish, the latter with a few purple dots; anterior extremity with two purple spots, posterior with an irregular dark blotch; teeth whitish, their interstices purple, those of the inner lip small, close-set, and somewhat extended; inside purple; length 0·9. breadth 0·5.

Cypræa Walkeri, *Gray*, Desc. Cat., Cypræadæ, p. 11.

Hab. in the Persian Gulph. Collection of Mr. Walker.

71 ——— Humphreysii, *Gray*, Zool. Journ., I. p. 489, Conch. Illust., f. 55.

72 ——— teres, *Gmel.*, Conch. Illust., f. 56.

Shell oblong, cylindrical, pale purplish brown; with three interrupted bands, consisting of short longitudinal stripes, the middle band broadest; spire umbilicated; base white; margin white with a few brown spots;

extremities produced, turned upwards; outer lip rather thickened, reflected, with its front depressed; teeth small, numerous, close-set, all within the aperture, which is narrow and linear, length 0·8. breadth 0·35.

From Haynam. This species approaches nearest to C. tabescens of which Mr. Gray considers it a variety: it appears to me to be easily distinguished by the above characters.

73 ——— tabescens, *Solander*, Conch. Illustr., f. 14, Ceylon, Tahiti.

74 ——— cylindrica, *Born.*, Sowerby's Genera, Cypræa, f. 4. Tahiti.

75 ——— Cribraria, *Linn.*, Encycl. Meth., t. 355, f. 5, Mauritius, var. Conch. Illustr., f. 16*.

76 ——— Goodalli, *Gray*, Conch. Illustr., f. 16.

Shell oblong, white, margins with a few brown dots; back with a nearly central irregular brown blotch, having a few white spots on it; spire depressed; teeth small; length 0·55, breadth 0·3. Found by Mr. Cuming. Lord Hood's Island.* C. Goodallii Gray Descrip. Cat. Cypræadæ, p. 10.

77 Cypræa Cumingii, *Gray*, Conch. Illustr., f. 5.

Shell oblong, ends produced, spire depressed; back pale fulvous, with round white spots, margins with round very dark brown dots, outer margin thickened; base white, mouth long and narrow, teeth very small: length 0·6. breadth 0·3. Cypræa Cumingii, Gray, Descr. Cat., p. 6, No. 41.

Obs. Two specimens were found by Mr. Cuming.

78 ——— Caurica, *Linn.*, Encycl. Meth., t. 356, f. 10.

* *Lord Hood's Island* and *Annaa* or *Chain Island* belong to the Paumotian group.

79 ——— cruentata, *Gmel.*, Encycl. Meth., t. 353, f. 2.

80 ——— errones, *Linn.*, Wood's Cat. t. 17, f. 39.

81 ——— felina, *Gmel.*, Wood's Cat. t. 17, f. 26.

82 ——— irrorata, *Solander*, Conch. Illus. f. 25. Elizabeth Island.

83 ——— Spadicea, *Swains.*, Zool. Illust. t. 182. Upper and lower figures.

84 ——— Onyx, *Linn.*, Wood's Cat. t. 17, f. 31.

Obs. There are several varieties of this species, one of which is C. *adusta* of Lam. : and another very beautiful variety of a fine flesh-color is represented at f. 17 of these Conch. Illust.

85 ——— Pyrum, *Gmel.*, Encycl. Meth. t. 373, f. 1. Mediterranean.

86 ——— picta, *Gray*, Zool. Journ. t. 7 & 12, f. 10. Guaymas.

87 ——— zonata, *Lam.*, Zool. Journ., t. 7 & 12, f. 8.

88 ——— Xanthodon, *Gray*, Conch. Illust. f. 18.

Shell ovate, bluish brown, with central and posterior darker transverse bands and dotted with olive brown; base rounded, fulvous, sides rather thickened, lighter, with a few large black spots; teeth reddish brown; inside dark purple: length 1·2, breadth 0·75. Cypræa Xanthodon, Gray's Descrip. Cat., p. 10.

89 ——— nigro-punctata, *Gray*, Conch. Illust. f. 22. Gallapagos Islands.

90 ——— pallida, *Gray*, Conch. Illust., f. 19.

91 ——— punctulata, *Gray*, Conch. Illust., f. 23. Panama.

92 ——— ziczac, *Linn.*, Encyl. Meth., t. 356, f. 8.

93 ——— undata, *Solander*, Wood's Cat., t. 17, f. 23.

94 ——— clandestina, *Linn.*, Wood's Cat., app. t. 3, f. 17.

95 Cypræa lentiginosa, *Gray*, Zool. Journ., t. 7 & 12, f. 1. Ceylon.

96 ——— contaminata, *Gray*, Conch. Illust., f. 21.

Shell pale buff colour, oblong pear-shaped; base and margin with dark brown dots; dorsal margin of the outer lip slightly reflected; spire depressed, extremities produced; teeth small, close set. Length 0·5, breadth 0·27. C. contaminata, Gray's Descriptive Cat. p. 11, No. 88.

97 ——— sanguinolenta, *Gmel.*, Swains. Zool. Illust. t. 182, middle figures.

98 ——— fimbriata, *Dillw.* Wood's Cat., t. 17, f. 57. Sibo, Mauritius, &c.

99 ——— angustata, *Gmel.*, Wood's Cat., t. 17, f. 32. South Africa.

100 ——— piperita, *Gray*, Conch. Illust., f. 24. New South Wales.

101 ——— Algoensis, *Gray*, Conch. Illust., f. 26. Southern Africa.

102 ——— edentula, *nobis*, Conch. Illust., f. 26.* Southern Africa

Shell pear-shaped, fulvous, dotted with brown; beneath and border lighter, with darker and larger dots; margin of the outer lip thickened; aperture rather wide, without teeth; anterior extremity of the columella curved downwards, without any folds; spire distinct, flat; posterior extremity rather produced: length 0.9, breadth 0.6.

Obs. This, according to Mr. Gray, is a variety of his Luponia Algoensis, "with the teeth more or less obliterated:" but there never have been the slightest vestige of teeth in any of the specimens we have seen,

nor are there any irregular ridges crossing the front edge of the columella, which form the distinguishing mark of his genus Luponia. It is an extremely rare and very distinct species from Southern Africa.

103 Cypræa similis, *Gray*, Conch. Illust., f. 27. Cape of Good Hope.

Shell pear-shaped, smooth, pale brown, with the border and base lighter and spotless: anterior end of the columella crossed by two or three irregular ridges; teeth of the outer lip large, distant; those of the inner lip closer, slightly extended: length 1·4, breadth 0·9.

C. similis, *Gray*, Zool. Misc. p. 36.

104 ——— fusco-dentata, *Gray*, Conch. Illust., f. 28. Cape of Good Hope

105 ——— capensis, *Gray*, Wood's Cat., app. t. 3, f. 18. Cape of Good Hope.

106 ——— pustulata, *Lam.*, Sowerby's Genera, f. 5. Panama and Isle of Plata, Mexico.

107 ——— Adamsonii, *Gray*, Conch. Illust., f. 7. Mauritius.

Shell pearshaped, with numerous transverse ribs, decussated by less distinct and more distant longitudinal ribs; whitish, mottled with pale brown; teeth numerous, close-set and sharp: length 0·4, breadth 0·25.

C. Adamsonii, *Gray*, Descrip. Cat. of Shells, p. 7, Cypræadæ No. 48.

108 ——— ovulata, *Lam.*, Encycl. Meth., t. 355, f. 2, Cape of Good Hope

109 ——— aperta, *Swainson*, Wood's Cat., app. t. 3, f. 10. Cape of Good Hope.

110 ——— carnea, *Gray*, Wood's Cat., app. t. 3, f. 15.

111 Cypræa Maugeriæ, *Gray*, Conch. Illust., f. 30. Gallapagos.

Shell oval, thin, pellucid, rose coloured, with darker ends and a central dorsal blotch; ribs thin, numerous, rather close, the interstices roughish; dorsal groove distinct, narrow; lips whitish, teeth sharp: length 0·5, breadth 0·35. Cypræa Maugeriæ, *Gray*, Descr. Cat. p. 13, No. 111.

112 ——— Australis, *Lam.*, Conch. Illust., f. 29. New South Wales.

113 ——— rufescens, *Gray*, Conch. Illust., f. 31.

Shell nearly globular, pale reddish, thin, pellucid, ribs thin, rather close; under side white, outer lip rather narrow; no dorsal line; length 0·4, breadth 0·3. Cypræa rufescens, *Gray*, Descr. Cat. p. 13, No. 112.

114 ——— Europæa, *Lam.*, Encycl. Meth., t. 356, f. 1. b.

115 ——— sanguinea, *Gray*, Conch. Illust., f. 32. Panama and Mexico.

Shell ovate, dark purplish brown, with a dark crimson blotch on the back, dorsal line short, its ends whitish; ribs rather distant, smooth, lighter coloured: length 0·45, breadth 0·30. Cypræa sanguinea, *Gray*, Descr. Cat. p. 14, No. 119.

116 ——— quadripunctata, *Gray*, Conch. Illust., f. 33.

117 ——— globosa, *Gray*, Conch. Illust., f. 34.

Shell globular, reddish, closely and acutely ribbed; dorsal line narrow, distinct, running from the posterior to the anterior extremity; margin thickened; under side rounded, white; teeth small, sharp: length 0·3, breadth 0·25. Cypræa globosa, *Gray*, Descr. Cat. p. 14, No. 121.

118 ——— exigua, *Gray*, Conch. Illust., f. 35.

Shell ovate, pellucid, white, varied with rose colour;

extremities subrostrated; dorsal ribs thick, distant; lateral and ventral ribs thin and close, and teeth small; no dorsal groove: length 0·2, breadth 0·15. New South Wales, G. Humphrey. Cypræa exigua, *Gray*, Descr. Cat. p. 15, No. 123.

119 Cypræa subrostrata, *Gray*, Conch. Illust. f. 36.

120 ——— fusca, *Gray*, Conch. Illust., f. 37. Gallapagos and Bay of Guyaquil. Mus. Cuming.

Shell ovato-globose, dark brown, with a pale dorsal streak, extremities slightly produced; ribs small, rather close, some of them not continued to the edge of the lips beneath: length 0·33, breadth 0·25. Cypræa fusca, *Gray*, Descr. Cat. p. 15, No. 125.

121 ——— Oryza, *Lam.*, Conch. Illust., f. 38.,

122 ——— nivea, *Gray*, Conch. Illust., f. 38*.

123 ——— Pulex, *Solander*, Conch. Illust., f. 32,

124 ——— Pediculus, *Linn*, Encycl. Meth., t. 356, f. 1, *a*.

125 ——— Pacifica, *Gray*, Conch. Illust., f. 39*. Gallapagos.

Shell ovato-oblong, brown, with minute dots and four squarish darker brown alternating spots on the sides of the narrow dorsal grove; ribs narrow, rather close set; sides rather thickened, rose coloured, base and teeth white: length 0·4, breadth 0·25.

Cypræa pacifica, *Gray*, Descrip. Cat. p. 15, No. 133.

126 ——— suffusa, *Gray*, Conch. Illust., f. 41.

Shell ovate, rose-coloured, dotted and varied with reddish brown, base paler; dorsal groove narrow, ribs close-set, granose on the back; anterior end on each side of the canal rose-red: length 0·45, breadth 0·30.

Cypræa suffusa, *Gray*, Descr. Cat. p. 16, No. 134.

127 ——— Californica, *Gray*, Conch. Illust., f. 42.

128 Cypræa Solandri, *Gray*, Conch. Illust., f. 43.

Shell reddish brown, with a light-coloured dorsal groove, and a dark streak along each side of it; ribs prominent, wide apart, tuberculated at their dorsal extremities, mouth rather narrow, teeth of the outer lip more numerous than in C. radians: margin generally broad: length 0·7, breadth 0·55. Pacific Ocean.

Obs. This species is very much like *radians*, indeed it is impossible to know which of the two, this or the one we commonly call by that name, is the *radians* of Lam. The principal difference is in the number of teeth on the inner edge of the outer lip.

129 ——— radians, *Lam.*, Wood's Cat. t. 17, f. 58.

130 ——— depauperata, *Nobis*, Conch. Illust., f. 49.

Shell nearly orbicular, rather depressed. pale fawn coloured, dorsal line narrow, distinct; transverse ribs few, distant, sometimes interrupted; margins thickened; under side somewhat rounded; ribs and teeth of the outer lip more numerous and closer than those of the inner: length 0·5, breadth 0·4.

The locality of this species, which does not appear to be nearly related to any other is unknown; very few specimens have occurred.

Genus, ERATO, *Gray*.

Obs. I readily adopt this Genus, which appears to have been first established by Risso, followed by Gray: merely observing that it is a link connecting *Cypræa* with *Marginella*.

1 Erato scabriuscula, *Gray:* Marginella Cypræola, *Sowerby*, Conch. Illust. f. 45.

Shell ovate, turbinate, purplish brown, covered, except the dorsal line, with minute granules; spire short, conical; aperture rather wide, paler coloured; columellar lip plaited transversely its whole length; outer lip thickened, largely toothed on its inner edge; anterior canal wide: length 0·4, breadth 0·2. Brought by Mr. Cuming from St. Elena and Acapulco.

Obs. Young shell destitute of the minutely granular coat, and of course not showing the dorsal line.

2 —— sulcifera, *Gray*, Conch. Illustr. f. 46.

Shell ovate, turbinate, pallid, very minutely and indistinctly granular; dorsal line wide, deeply impressed; aperture linear, very narrow, outer lip thickened, nearly white, minutely toothed on its inner margin; anterior part of the columellar lip minutely toothed; a single red spot at the anterior extremity: length 0·2, breadth 0·1. From the Cape of Good Hope; a single specimen in the late G. Humphrey's collection.

3 —— lævis, *Gray; Cypræa Voluta Mont. Test. Brit.* p. 203, t. 6, f. 7. *Voluta lævis, Dovovan.* Coasts of Britain and Mediterranean, Conch. Illustr. f. 57.

4 —— Maugeriæ, *Gray*, Conch. Illustr. f. 47.

Shell somewhat conical, turbinate, livid; spire very short, last volution ventricose, very obtusely angular behind; outer lip thickened, nearly white, toothed along its inner margin; a few very indistinct teeth near the front of the columella: length 0·2, breadth 0·15. West Indies, common.

5 —— Lachryma, *Gray.* *Lachryma trifasciata*, Humphrey, MSS., Conch. Illust. f. 48.

Shell oval, turbinate, whitish, with three red transverse

bands, smooth; aperture narrow; outer lip somewhat thickened, minutely toothed on its inner edge; columellar lip slightly concave, toothed anteriorly: length 0·2, breadth 0·13. From New South Wales; several specimens were in the cabinet of the late G. Humphrey.

6 Erato Guttula, *Sowerby*, Conch. Illustr. f. 50.

Shell ovate, rather ventricose, cream coloured; spire very short, indistinct, aperture narrow, rather effuse anteriorly; outer lip thickened, very minutely and indistinctly toothed along its inner margin; columellar lip with three folds anteriorly: length 0·25, breadth 0·15. From the Mauritius.

Obs. When worn the spire is distinct.

7 —— angistoma, *Sowerby*. Semi-Cowry, *G. Humphrey*.

Shell ovate, gibbose, pallid; spire short; aperture as long as the whole shell, very narrow; outer lip rather thickened, wide, very minutely toothed along its inner margin; columella with six or seven anterior folds and internal concavity: length 0·2, breadth 0·15. From the East Indies. Conch. Ill. f. 51.

Genus OVULUM.

1	Ovulum Ovum, *Sowerby*, *Spec. Conch. Ovulum*,			f. 1 to 5.
2	——— Margarita	,,	,,	f. 19, 20.
3	——— Adriaticum	,,	,,	f. 23. 24.
4	——— Pyriforme	,,	,,	f. 21, 22, 25.
5	——— Carneum	,,	,,	f. 17, 18.
6	——— Marginatum	,,	,,	f. 15, 16.
7	——— Lacteum	,,	,,	f. 13, 14.
8	——— Breve	,,	,,	f. 26, 27.
9	——— verrucosum	,,	,,	f. 10, 11, 12.

10 Ovulum angulosum, *Sowerby, Sp. Con. Ovulum* f. 6 to 9.
11 ——— triticeum „ „ f. 35.
12 ——— Frumentum „ „ f. 37.
13 ——— striatulum „ „ f. 38.
14 ——— emarginatum „ „ f. 54, 55.
15 ——— gibbosum „ „ f. 28 to 31.
16 ——— obtusum „ „ f. 34.
17 ——— Seminulum „ „ f. 40.
18 ——— Formicarium „ „ f. 39.
19 ——— Secale „ „ f. 36.
20 ——— Spelta „ „ f. 43.
21 ——— intermedium „ „ f. 32, 33.
22 ——— birostre „ „ f. 41, 42, 44, 45.
23 ——— longirostratum „ „ f. 46 to 48.
24 ——— Volva „ „ f. 56, 57.
25 ——— aciculare „ „ f. 49 to 52.
26 ——— patulum „ „ f. 58.
27 ——— hordeaceum „ „ f. 53.
28 ——— rufum. Shell oblong, acuminated at the posterior extremity, red; outer lip thickened, paler; aperture narrow, broader anteriorly; columella with a depressed longitudinal line within, and a slightly spiral posterior plait; length 0·5, breadth 0·15. Varies in being wholly of a pale colour. A few specimens were dredged in sandy mud at a depth of seven fathoms in the Bay of Caraccas by Mr. Cuming. *Conch. Ill. Cypræda*, f. 58.
29 ——— Avena. Shell oblong, red, extremities rather acuminated, back somewhat gibbous, very finely transversely striated: outer lip thickened, paler; aperture narrow, broader at the anterior, and notched at the posterior extremity; columella with a single plait poste-

riorly; length 0·55. breadth 0·22. Found by Mr. Cuming at Conchagua in Mexico. Varies in the intensity of its colouring. *Conch. Ill. Cypræadæ*, f. 59.

30 Ovulum inflexum. Shell oblong, somewhat cylindrical, smooth, pale; posterior extremity somewhat beaked, beak inflected; aperture rather effuse anteriorly; outer lip thickened, columellar lip keeled within, with a single plait posteriorly, length 0·7. breadth 0·25. A single specimen was found by Mr. Cuming in the Gulph of Dulce. Two were in the late G. Humphrey's Collection. *Conch. Ill. Cypræadæ*, f. 60.

31 ——— æquale. Shell oblong, somewhat cylindrical, red; outer lip thickened; extremities rather obtuse; aperture rather broad, equal at each extremity; columella with a distinct internal keel, length 0·45. breadth 0·18. Found at Panama by Mr. Cuming. *Conch. Ill. Cypræadæ*, f. 61.

Cancellaria

The following Cancellariæ are represented in this Ninth Part

OF THE

Conchological Illustrations,

BY G. B. SOWERBY, JUN.

Fig. 1 Cancellaria candida, *nobis*

2 ..... ovata, *nobis.*

3 }
4 } ..... obesa, *nobis.*

5 ..... acuminata, *nobis.*

6 ..... solida, *nobis.*

7 ..... gemmulata, *nobis.*

8 ..... decussata, *nobis.*

9 ..... indentata, jun: *nobis.*

November 30th, 1832.

Cancellaria

G. B. S. jun. ex

The following Cancellariæ are represented in this Tenth Part

OF THE

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 10 Cancellaria indentata, *nobis.*

11 ..... buccinoides, *nobis.*

12 ..... Clavatula, *nobis.*

13 ..... uniplicata, *nobis.*

14 ..... mitriformis, *nobis.*

15 ..... Tritonis, *nobis.*

16, 17 ..... granosa, *nobis.*

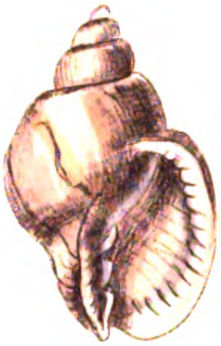
18 ..... Littoriniformis, *nobis.*

December 7th, 1832.

11.

Cancellaria

24



19

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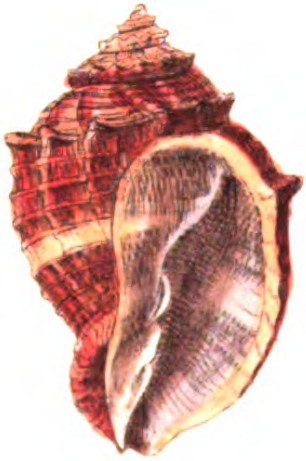

26

23

G.B.S jun 21c

The following Cancellariæ are represented in the 11th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 19 Cancellaria oblonga *nobis.*

20 ..... tessellata jun. *nobis.*

20* ..... tessellata adult. *nobis.*

21 ..... nodulifera *nobis.*

22 ..... Cassidiformis *nobis.*

23 ..... australis *nobis.*

24 ..... lævigata *nobis.*

25 ..... spirata *Lam.*

26 ..... obliquata *Lam.*

27 ..... scalata *nobis.*

Dec. 21st, 1832.

Cancellaria.

34

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33

G.B.S. jun. exc.

The following Cancellariæ are represented in the 12th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 28 Cancellaria contabulata *nobis.*

29 ..... crenifera *nobis,* back and front.

30 ..... crispa *nobis.*

31 ..... costifera *nobis.*

32 ..... articularis *nobis.*

33 ..... brevis *nobis.*

34 ..... pusilla *nobis.*

35 ..... bullata *nobis.*

Dec. 28th, 1832.

13.

Cancellaria.

43

37

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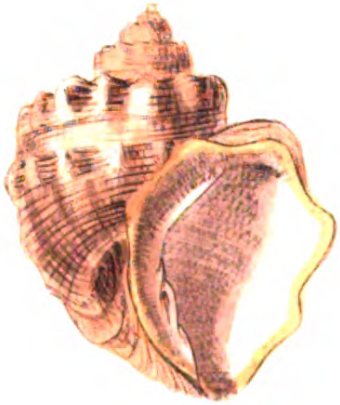

39

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42

G.B.S. jun. del.

The following Cancellariæ are represented in the 13th part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 36 Cancellaria tuberculosa *nobis.*

37 ..... pulchra *nobis.*

38 ..... similis *nobis.*

39 ..... Chrysostoma *nobis.*

40 ..... hæmastoma *nobis.*

41 ..... rigida *nobis.*

42 ..... costata *Gray.*

43 ..... goniostoma *nobis.*

44 ..... trigonostoma *nobis.*

4th January 1833.

A CATALOGUE

OF THE

RECENT SPECIES OF CANCELLARIÆ.

THE scientific Public and Conchologists are already aware that it is intended to introduce in this work figures and descriptions of all the new species which have been collected by Mr. H. CUMING. They will be brought in under the various Genera to which they belong; and several have already appeared among the Cypræadæ. I take this opportunity of drawing the attention of Naturalists to this subject, in this place, because it will be seen that half the number of species of the beautiful Genus Cancellaria at present known have been discovered and first brought to England by that Gentleman, to whose indefatigable industry we are indebted for the knowledge of at least 500 species of various Genera, among which are several *new* Genera and a great variety of the most interesting and remarkable species. The care and precision with which Mr. CUMING has preserved all the particulars relative to localities and habitations of the various subjects collected by him, entitle him to our warmest admiration and praise, and I shall gladly avail myself of the advantages afforded to me by this circumstance, not only in stating the localities and habitats of such Shells as have been first discovered by Mr. CUMING, but of such others as we were previously acquainted with, though we knew not those particulars. The descriptions of all the species discovered

by Mr. CUMING either have appeared or will appear in the "Proceedings of the Committee of Science of the Zoological Society," to which we shall refer, by the initials Z. P.

The list here given of the species of the Genus Cancellaria will be found to be much more copious than that in *Lam. Hist. nat. des Anim. sans vert.* where only nine species that really belong to the Genus are given,* eight of these are in this list, and to these I have added one in my work on the Genera of Recent and Fossil Shells, two in the Catalogue of the Tankerville Collection, and sixteen in the present Conchological Illustrations: the remaining twenty-one have been discovered by Mr. CUMING, and are figured from his collection.

Genus CANCELLARIA.

1 Canc. reticulata *Lam.* Encycl. meth. t. 375 f. 3. Antigua.

2 Canc. candida *nobis,* Conch. Illustr. f. 1. Shell ovate-oblong, with an acuminated apex, white; volutions seven, entirely covered with decussating ribs; aperture oblong, canal distinct, folds on the columella two, of which the upper is much the larger; edge of the outer lip sharp, inside with distant rib-like teeth; length 1·2, breadth 0·7. Polynesia, Mr. S. Stuchbury.

3 Canc. ovata *nobis,* Conch. Illustr. f. 2. Z. P. 1832 p. 53. Dredged in sand at from eight to ten fathoms at St. Elena, Western Columbia, Mr. Cuming.

* Lamarck's C. senticosa, C. citharella and C. ziervogeliana do not belong to this genus; the first is a Phos, the second an Oniscia, and the last a Mitra. His C. scalariformis is entirely unknown to me.

4 Canc. obesa *nobis*, Conch. Illustr. f. 3 jun. f. 4. adult. Z. P. 1832, p. 52. From Puerto Portrero and the Gulf of Dulce in central America: dredged at the latter place from a depth of 15 fathoms, Mr. Cuming.

5 Canc. acuminata *nobis*, Conch. Illustr. f. 5. Z. P. 1832 p. 53. Dredged in sandy mud at a depth of twelve fathoms at Guacomayo in central America, Mr. Cuming.

6 Canc. solida *nobis*, Conch. Illustr. f. 6. Z. P. 1832 p. 50. Found at Real Llejos and St. Elena, by dredging in a sandy bottom at from eight to ten fathoms, Mr. Cuming.

7 Canc. gemmulata, *nobis*, Conch. Illustr. f. 7. Z. P. 1832 p. 55. Dredged from a sandy muddy bottom in the Gulf of Nocoiyo, in central America. Mr. Cuming.

8 Canc. decussata *nobis*, Conch. Illustr. f. 8. Z. P. 1832, p. 55. Found in sandy mud by dredging in 10 to 13 fathoms, at Panama and Puerto Portrero.

9 Canc. indentata *nobis*, Conch. Illustr. f. 9. jun. f. 10. adult. Z. P. 1832, p. 54. Shell oblong, cancellated, brown; spire rather short, acuminated; volutions six, cross-ribbed, ribs nodulose at their junctions; aperture ovato-oblong, oblique, effuse near the anterior extremity, canal in front rather lengthened; peritreme indented; columella with three plaits, the lower plait very small, distinct in the young specimen, the two lower plaits united and forming a large callosity in the adult; umbilicus small, with a distinct margin: length 1·3, breadth 0·7.

Of this species Mr. Cuming found two young spe-

cimens on the shore at Panama; a full grown individual is in my collection.

10 Canc. buccinoides *nobis*, Conch. Illustr. f. 11. Z. P. 1832, p. 54. Found in sandy mud from 7 to 15 fathoms at Real Llejos, Iquiqui, Callao and Puerto Portrero, by Mr. Cuming.

11 Canc. clavatula *nobis*, Conch. Illustr. f. 12. Z. P. 1832, p. 52. Found in sandy mud, in 7 fathoms at Panama and at Payta, Mr. Cuming.

12 Canc. uniplicata *nobis*, Conch. Illustr. f. 13. Z. P. 1832. Octr. Two specimens were dredged in sand at a depth of ten fathoms, near Panama, by Mr. Cuming.

13 Canc. mitriformis *nobis*, Conch. Illustr. f. 14. Z. P. 1832 p. 51. A single specimen was dredged by Mr. Cuming, in sandy mud at Panama.

14 Canc. Tritonis *nobis*, Conch. Illustr. f. 15. Shell oblong, light brown, varied with darker; with an acuminated spire; volutions six, rather ventricose, longitunally ribbed and spirally striated, with a slightly nodular keel near the upper or posterior part, above which it is blotched with dark brown; aperture large and wide; outer lip grooved within; columella rugulose near the anterior part; with three small plaits, of which the middle one is smallest, length 2·3, breadth 1·3. Locality unknown.

15 Canc. granosa *nobis*, Conch. Illustr. f. 16, 17. Shell oblong, reddish brown, with an acuminated spire half the length of the shell; volutions six, flattened on the upper part, longitudinally ribbed, and transversely grooved, ribs granose, more strongly so above: aperture

wide, outer lip grooved within; columella slightly rugulose in front, with three plaits, the two lower smaller: canal distinct: length 1·7, breadth 1·0. Locality unknown.

16 Canc. piscatoria *nobis*. Canc. nodulosa Lam. Bucc. piscatorium. Chemnitz iv. f. 1151, 1152.

17 Canc. Littoriniformis *nobis*, Conch. Illustr. f. 18. Shell subglobose, chesnut brown, rough; spire acuminated; volutions five, rounded, with close-set cross striæ; aperture nearly oval, outer lip grooved within, canal very short and indistinct; plaits on the columella three, small; umbilicus rather large, with a rounded edge: length 0·75, breadth 0·5. From Ceylon.

18 Canc. elegans *nobis*, Genera of Shells, No. v. fig. 3.

19 Canc. asperella *Lam*. Encycl. meth. t. 374 f. 3.

20 Canc. oblonga *nobis*, Tank. Catal. app. p. xv. Conch. Illustr. f. 19.

21 Canc. tessellata *nobis*, Conch. Illustr. f. 20 jun. f. 20* adult. Z. P. 1832 p. 51. Dredged in sandy mud at a depth of from 7 to 10 fathoms in the Bay of Caraccas, at St. Elena and at Xipixapi. Mr. Cuming.

22 Canc. nodulifera *nobis*, Tank. Cat. app. p. xv. No. 1544. Conch. Illustr. f. 21.

23 Canc. Cassidiformis *nobis*, Conch. Illustr. f. 22. Z. P. 1832 p. 53. Young shells of this species were dredged in sandy mud in sixteen fathoms water, at Panama, by Mr. Cuming.

24 Canc. australis *nobis*, Conch. Illustr. f. 23. Shell ovato-oblong, decussated, white; spire rather acuminated, obtuse at the apex; volutions five, rounded, with a deep suture, and covered with decussating ribs; aper-

ture oval, outer lip grooved within; columellar lip slightly rugulose, with 3 plaits, canal distinct; length 0·8, breadth 0·5. New South Wales; the late G. Humphrey's Collection.

25 Canc. lævigata *nobis*, Conch. Illustr. f. 24. Shell ovato-oblong, smooth, white; spire rather acuminated, obtuse at its apex; volutions five, rounded, somewhat flattened at the upper part and with a deep suture; aperture oval, outer lip deeply grooved within; columellar lip slightly rugulose in front, with 3 plaits; canal distinct: length 0·9, breadth 0·55. New South Wales, the late G. Humphrey.

26 Canc. spirata *Lam.* Conch. Illustr. f. 25. I have received several specimens of this species from Garden Island. Mr. Gray has informed me that the specimens under this name in Lamarcks own collection are not Cancellariæ; the description given in his Hist. nat. des anim. sans vertebres, accords, however, so perfectly with my shells, that I cannot hesitate to regard them as Lamarck's species.

27 Canc. obliquata *Lam.* Conch. Illustr. f. 26. Haynam.

28 Canc. scalata *nobis*, Conch. Illustr. f. 27. Shell oblong, reddish brown, spire acuminated; volutions six, with a bluntly angular-edged and broad groove next to the suture, the margin of which groove is crenulated; the volutions covered with longitudinal, somewhat nodulose ribs, the interstices of which have a few cross-striæ; aperture white, oval, truncated and with an internal tubercle at the upper part, outer lip grooved within; columella with four small plaits, rugulose,

33 Canc. costifera, *nobis*, Conch. Illustr. f. 31. Shell oval, light brown, spire acuminated, volutions six, angular at the upper edge, flat next to the suture, with distant longitudinal ribs, which are pointed at the upper part, and then continuous in an oblique direction across the flat upper edge of the volutions: interstices slightly cross-striated: aperture oval, truncated at the upper part, outer lip grooved within; columella with three plaits, umbilicus very small: length 0·8, breadth 0·45.

34 Canc. articularis *nobis*, Conch. Illustr. f. 32. Shell oblong, subturrited, orange brown; spire acuminated; volutions six, canaliculated at the suture, obliquely longitudinally ribbed, ribs prominent at the edge of the channelled suture and crenated on their edges; aperture wide, oval, truncated at the upper part; outer lip reflected, finely grooved within; columella with three small plaits; umbilicus small; length 0·9, breadth 0·5. Ceylon.

35 Canc. brevis *nobis*, Conch. Illustr. f. 33. Z. P. 1832 p. 52. Found at Puerto Portrero and St. Elena; Mr. Cuming.

36 Canc. pusilla *nobis*, Conch. Illustr. f. 34. Shell subglobose, ventricose, pale; volutions four, with a broad flat area at the upper part, which is crenated at both edges; longitudinally ribbed and cross-striated; aperture trigonal, plaits on the columella two; umbilicus none: length 0·5, breadth 0·4, a single specimen was taken out of the umbilicus of a Cassis rufa from New South Wales.

37 Canc. bullata *nobis*, Conch. Illustr. f. 35. Z. P. 1832 p. 51. Dredged in mud at a depth of twelve fathoms,

umbilicus small, narrow: length 1·2, breadth, 0·7. East Indies.

29. Canc. contabulata *nobis*, Conch. Illustr. f. 28. Shell oval, pale brown, nodulose-ribbed; spire rather short; volutions five, ventricose, their upper part next the suture flat, with a bluntly angular edge; nodulose longitudinal ribs continued obliquely over the flat space to the suture; aperture large, white, oval, truncated at its upper part; outer lip grooved within; columella with four small plaits, of which the upper one is very small; umbilicus small: length 1·2, breadth 0·8. Ceylon.

30 Canc. crenifera *nobis*, Conch. Illustr. f. 29. Shell ovate, pinkish brown, shining; volutions 5 to 6, rounded, with longitudinal crenulated ribs, the upper ends of which form a strongly crenated edge to the canaliculated suture; aperture oval, white; outer lip thickened, reflected, grooved within, columella with three plaits; canal indistinct; umbilicus small but distinct and rough at its edge: length 0·9, breadth 0·5. From Ceylon.

31 Canc. scalarina *Lam.* Chemn. iv. f. 1172, 1173.

32 Canc. crispa *nobis*, Conch. Illustr. f. 30. Shell oval, brownish with lighter bands, rough; spire acuminated; volutions 5 to 6, rather ventricose, with longitudinal ribs, which are dentated on their edges and raised above the edge of the canaliculated suture, aperture ovate, truncated at the upper part and forming a small canal anteriorly; outer lip grooved within; plaits on the columella three; umbilicus small: length 1·0, breadth 0·6. Locality unknown.

at Payta, and in the Gulf of Nocoiyo. Mr. Cuming.

38 Canc. tuberculosa *nobis*, Conch. Illustr. f. 36. Z. P. 1832 p. 51. Dredged in sandy mud, at a depth of seven fathoms, at Iquiqui. Mr. Cuming.

39 Canc. pulchra *nobis*, Conch. Illustr. f. 37. Z. P. 1832 p. 50. Dredged from a sandy bottom in from eight to ten fathoms, at St. Elena. Mr. Cuming.

40 Canc. cancellata *Lam.* Encycl. method. 375 f. 4.

41 Canc. similis *nobis*, Conch. Illustr. f. 38. Shell ovate, rather compressed, varicose; spire somewhat acuminated, volutions six to seven, gradually increasing, whitish with irregular brown bands, longitudinally obliquely ribbed, ribs distant, crossed by strongly marked elevated lines; aperture white, ringent, outer lip varicose outside, crenated at its border, deeply grooved and strongly toothed a little way within the edge, columella with three plaits, of which the lowest is the smallest and double; canal reflected, umbilicus very small with a broad and distinct border: length 1·2, breadth 0·9.

42 Canc. chrysostoma *nobis*, Conch Illustr. f. 39. Z. P. 1832, p. 54. Found in sand at from 8 to 10 fathoms, at Panama and St. Elena. Mr. Cuming.

43 Canc. rugosa *Lam.* Encycl. meth. t. 375 f. 8. China.

44 Canc. hæmastoma *nobis*, Conch. Illustr. f. 40. Z. P. 1832, p. 54. Found in sand at from 10 to 16 fathoms, near the Gallapagos Islands. Mr. Cuming.

45 Canc. rigida *nobis*, Conch. Illustr. f. 41. Z. P. 1832, p. 53. Dredged in sand at 13 fathoms depth at Puerto Portrero. Mr. Cuming.

46 Canc. costata *Gray,* Conch. Illustr. f. 42. Shell oblong, fulvous varied and banded with dark brown, longitudinally ribbed and transversely striated; spire acuminated, volutions six, with a flat, sharp-edged space at the upper or posterior part; ribs distant, sharp-edged anteriorly, continuing obliquely over the flat space to the suture; aperture subtrigonal, outer lip slightly grooved within; columella with two distinct and one very small plait, lip a little rugose; umbilicus rather large; length 0·95, breadth 0·7.

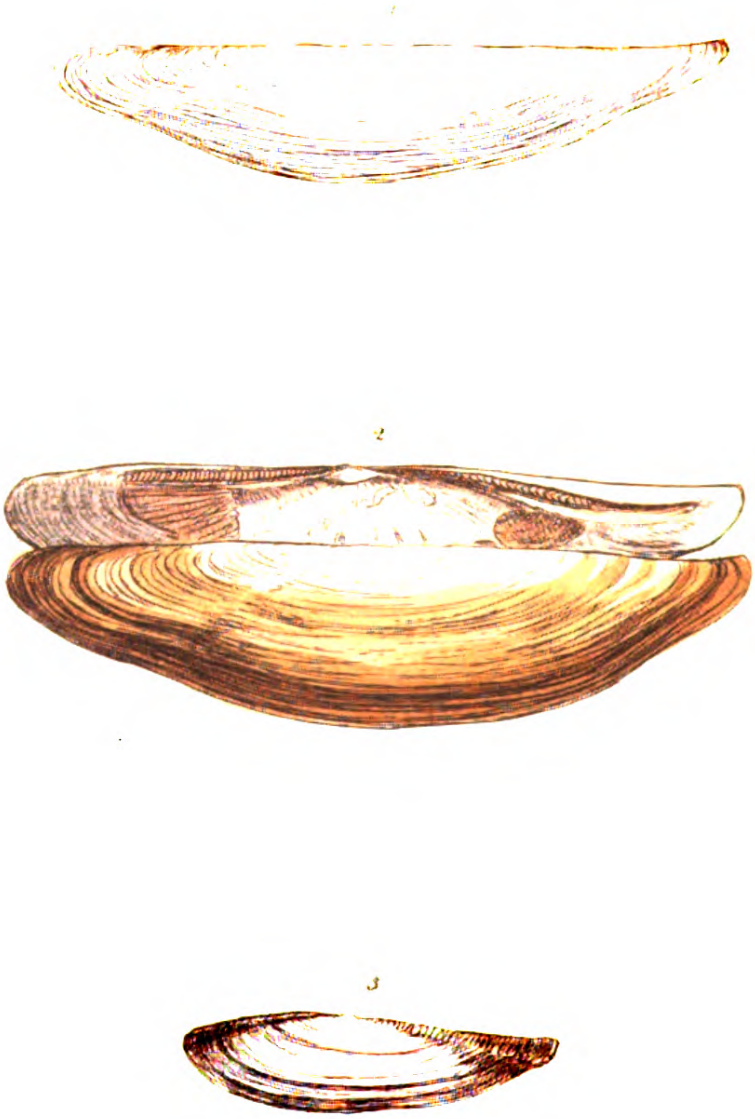
47 Canc. goniostoma *nobis,* Conch. Illustr. f. 43. Chemn. iv. Vign. 37 f, a. b. c. Z. P. 1832, p. 51. A single specimen was brought up from a sandy bottom in eight fathoms water at Conchagua by Mr. Cuming.

48 Canc. trigonostoma *nobis,* Conch. Illustr. f. 44. Delphinula trigonostoma *Lam.* vii. pt. II. p. 231. Shell pyramidal, acuminated, white or pale brown; volutions five, flat and spirally striated on the upper part, the edge of which is strongly keeled and crenated; slightly longitudinally ribbed and spirally striated on the lower part; aperture triangular, with a distinct varicose edge, and three small plaits on the columella; umbilicus very large, crenated at the edge; length 0·9; breadth 0·75. Ceylon.

Obs. It is remarkable that in this shell, which is the *Bordstrappe* of the Dutch Conchologists, the inner edge of the volutions are set against the edge of the umbilicus.

G. Odell, Printer, 69, King-street, Golden-square.

14.



The following Nuculæ are represented in this 14th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 1 Nucula lanceolata *Lam.*

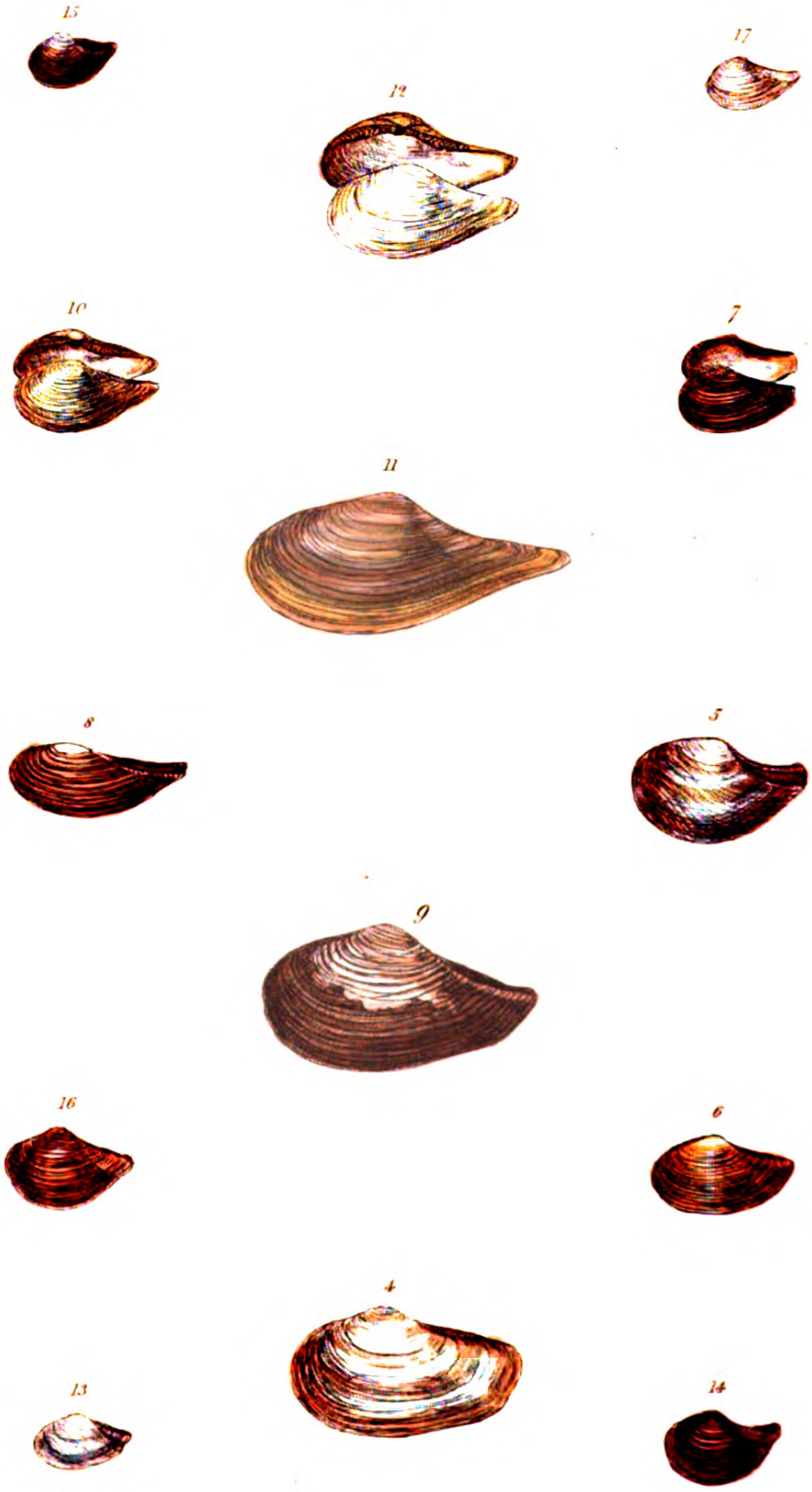
2 .....elongata *nobis.*

3 .....crenifera *nobis.*

And the Catalogue of the Genus Cancellaria is given; from which, Mr. Sowerby regrets to observe, one species, namely the C. Bulbulus, has been inadvertently omitted.

Jan. 11th, 1833.

Nucula.



G.B.S. jun. sc.

The following Nuculæ are represented in this 15th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 4 Nucula Nicobarica *Lam.*

5 .....curvirostra *Humphrey.*

6 .....Pella *Lam.*

7 .....parva *nobis.*

8 .....costellata *nobis.*

9 .....gibbosa *nobis.*

10 .....eburnea *nobis.*

11 .....polita *nobis.*

12 .....nasuta *nobis.*

13 .....Fabula *nobis.*

14 .....Elenensis *nobis.*

15 .....cuneata *nobis.*

16 .....striata *nobis.*

17 .....Mauritiana *nobis.*

Jan. 18th, 1833.

G.B.Sowerby exc.

The following Nuculæ are represented in this 16th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 18 N. decussata *nobis.*

19 N. rugulosa *nobis.*

20 N. nitida *nobis.*

21 N. obliqua *Lam.*

22 N. convexa *nobis.*

23 N. Pisum *nobis.*

24 N. exigua *nobis.*

24* N. exigua magnified.

NUCULA.

THESE are small bivalves, exceedingly variable in form, but all well characterized by an internal ligament and by a series of minute, sharp-pointed teeth, on each side of the ligament, in each valve. Very few of them agree in form with that one, which from its resemblance to a little nut, has given rise to their generic appellation. They do not appear to have excited the attention of Naturalists in any great degree, for Lamarck has only mentioned six recent species. He appears, moreover, to have been very imperfectly acquainted with the characters of the genus; for he speaks of them as forming by their nacreous interior and by the situation of the ligament of their valves, an evident transition to the Trigoniæ. In fact, though several of the Nuculæ, at least of such as have nearly the same form as his N. margaritacea, are pearly within, the number of such is really very few; and the ligament in the Trigoniæ is entirely external, whereas in all the Nuculæ it is almost wholly internal. Besides the six species mentioned by Lamarck, three are given by Montagu, three by Say in his American Conchology, one in my own work on the Genera of Shells, one in Wood's Suppt. and one in the Zool. Journ. To these 15 I now had 9 from my own collection, and 10 collected by Mr. Cuming.

* 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, *Broderip* and *Sowerby*, Zool. Journ. IV. pl. IX. f. 1. Kamtschatka.

6 Nicobarica *Lam.* Conch. Illustr. f. 4.

7 curvirostra, Humphrey M. S. Conch. Illustr. f. 5. Shell oblong, thin, pellucid, white, smooth, rather gibbous; anterior side rounded, posterior acuminated, turned upward, with three crenated ridges; surface covered with oblique, nearly longitudinal grooves: length 0·7, breadth 0·25, height 0·4. From the Coast of Guinea, Humphrey. *Arca rostrata* Mont. Test. Brit. Sup. p. 55. t. 27. f. 7.

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*, Schroëtter Flussconch: Sowerby 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 Nocoiyo. 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 acuminated, 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 acuminated, slightly turned upwards, with two ridges passing from the umbones to the acuminated 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 acuminated, rounded; posterior side acuminated, 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 acuminated; dorsal slope nearly equal on both sides; length 0·1, 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.* Sowerby Gen. of Shells, No. 17, 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 sub-triangular, 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.

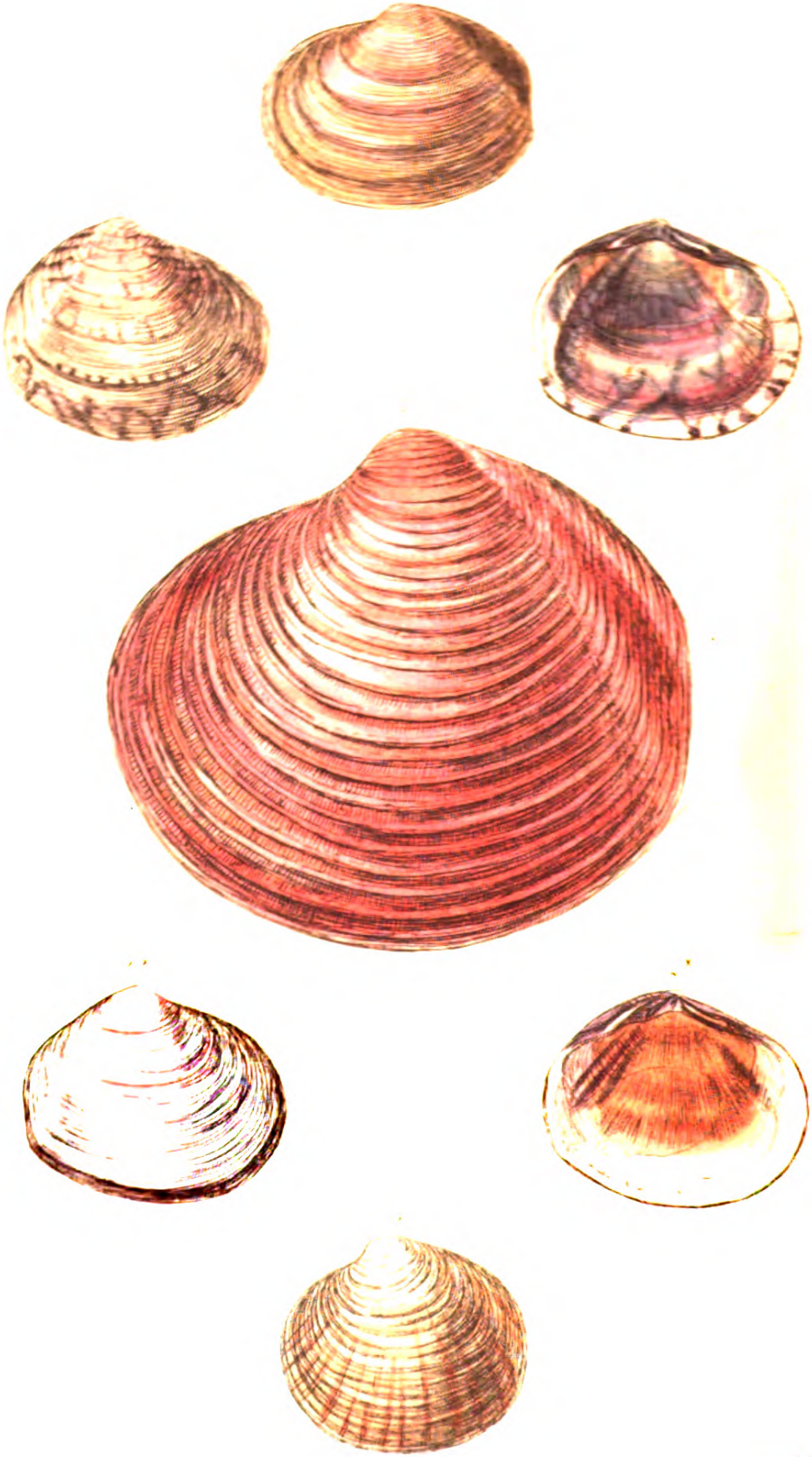
30 obliqua *Lam.* Conch. Illustr. f. 21. Vaparaiso, Mr. Cuming.

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 acuminated; 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. 24, and magnified f. 24 * Bay of Caraccas. Mr. Cuming.



The following Amphidesma are represented in this 17th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

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f. 1. A. roseum.

f. 2. pulchrum two views.

f. 2.* var. do.

f. 3. pallidum.

f. 4. australe.

Amphidesma.

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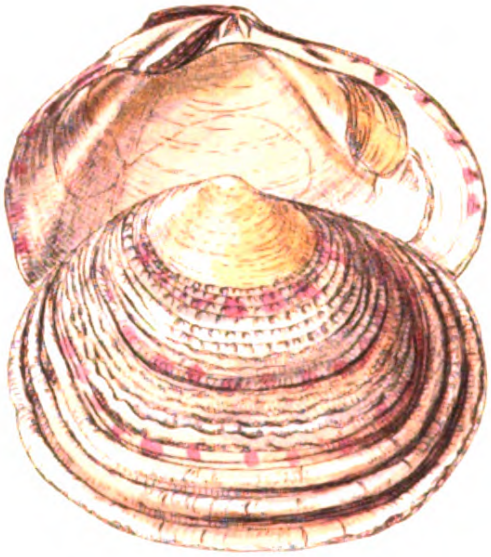

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G.B.S. jun. del.

The following Amphidesma are represented in this 18th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 5 A. purpurascens, two views.

6 A. læve.

7 A. punctatum.

19.

Amphidesma

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G.B.Sowerby

The following Amphidesma are represented in this 19th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 8 A. formosum, two views.

9 A. lenticulare.

10 A. Rupium, two views.

10*A. Rupium, var.

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. Tumbez, Peru. Mr. Cuming.
6. ellipticum *nob.* Z. P. 1832, Dec. Spec. Conch. f. 17, Monte Christe, 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. 1941, 1942. Indian Ocean.

12. Rupium *nob.* Z. P. 1832, Dec. Conch. Ill. f. 10 Lord Hood's Island. var. f. 10* Gallapagos Islands. Mr. Cuming.
13. cancellatum *nob.* Spec. Conch. f. 8. Antigua and St. Vincents.
14. lamellosum *nob.* Spec. Conch. f. 9, 10. 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. Gallapagos 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.

Eburna.

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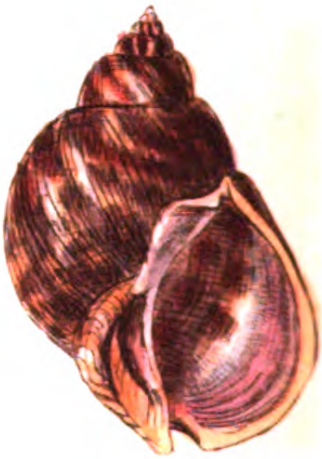

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G.B.S. jun. exc.

EBURNA.

1 spirata *Lam.* Encycl. meth. t. 401. f. 2. E. Indies.

2 Ambulacrum *nob.* Tank. Cat. App. p. 22. Conch. Illustr. f. 2. Java.

3 Valentiana *Swains.* Zool. Illustr. first series pl. 144. Red Sea.

4 pacifica *Swains. (lutosa Lam.)* Zool. Illustr. first series pl. 146. New Zealand.

5 tessellata *Swains. (areolata Lam.)* Zool. Illustr. first series pl. 145. China, *Lam.*

6 zeylanica *Lam.* Encycl. meth. t. 401. f. 3. Ceylon.

7 plumbea *nob.* Conch. Illustr. f. 3 & 4. Bucc. plumbeum auct.m

8 australis *nob. (Cancellaria spirata Lam. secund. D. Gray.)* Conch. Illustr. f. 5. New South Wales. Shell ovate, pinkish brown, with darker spots, spirally striated, with a deep spiral groove close to the suture; outer lip with a small tooth at the edge near the base.

9 papillaris *nob.* Tank. Cat. App. p. 22. Conch. Illustr. f. 1. Cape of Good Hope.

21.

Bulimus

The following Bulini are represented in this 21st Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 1 and 1* Bulinus Broderipii, *Sowerby*. Z. P. 1832. Copiapo in Chili.

1** ..... Broderipii var. *Sowerby*. Z. P. 1832. Iquiqui in Peru.

2 ..... nitidus *Brod.* Z. P. 1832. Tumbez in Peru.

2* ..... Cactivorus *Brod.* Z. P. 1832. Monte Christe in West Columbia.

3 ..... Coturnix *Sowerby*. Z. P. 1832. Huasco in Chili.

March 8th, 1833

2.

The following Bulini are represented in this 22nd Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 4 Bulinus Chilensis *Sowerby*, Coquimbo

5 ..... rosasceus *King*, Zool. Journ. vol. v. p. 341, Valparaiso

6, 6* .... vittatus *Brod.* Z. P. 1832, Ilo, Peru

7 ..... granulosus *Brod.* Z. P. 1832, Valparaiso

7* ..... granulosus var. *Brod.* Z. P. 1832, Conception

8 ..... Coquimbensis *Brod.* Z. P. 1832, Coquimbo.

March 15th, 1833.

23.

Bulimus

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The following Bulini are represented in this 23rd Part of the

Conchological Illustrations,

By G. B. SOWERBY. Jun.

Fig. 9 Partula hyalina *Brod.* Z. P. 1832, Oheataroa or Rurutu

10 Bulinus guttatus *Brod.* Z. P. 1832, Cobija, Peru

11 ..... translucens *Brod.* Z. P. 1832, Panama

12 ..... Gravesii *King*, Zool. Journ. vol. v. p. 340, Maule, Chili

12* ..... Gravesii var. Conception

12** .... Gravesii var. Quilliota

13 ..... Scalariformis *Brod.* Z. P. 1832, Ancon, Peru.

, By an unfortunate oversight, a species of Partula has found admittance to this plate. We can only promise to rectify this error by repeating the Partula in its proper place.

March 22nd, 1833.

Conus.

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The following Cones are represented in this 24th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 1 Conus muriculatus var. lævigata

1*.... muriculatus *nob.*

2 .... bicolor *nob.*

3 .... maculosus *nob.* Swan River, N. S. Wales

3*.... ..... *var.* pallescens

4 .... Zebra *Lam.*

5 .... Fabula *nob.*

5*.... ..... var. *nob.*

6 .... nanus *Brod.* Z. P. 1833, Lord Hood's Island

7 .... tenuis *nob.*

29th March.

25.

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The following Cones are represented in this 25th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 8 Conus luteus *Brod.* Annaa.

8* .... luteus var. *Brod.* Annaa.

9 .... arcuatus *nob.* Z. J. iv. 379

10 .... tiaratus *Brod.* Gallapagos Islands

11 .... Alveolus *nob.*

12 .... Musivum *Brod.* Phillippine Islands

13 & 13* purpurascens *Brod.* Panama

14 .... nivifer *Brod.* Cape de verd Islands.

12th April.

Bulinus.

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15*

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14a.

14b.

14c.

16

16*

17

The following Bulini are represented in this 26th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 14 Bulinus Proteus *Brod.* Z. P. 1832
p. 107. Truxillo.

14a Bulinus Proteus var. *Brod.* Z. P. 1832
p. 107. St. Jacinta

14b Bulinus Proteus var. *Brod.* Z. P. 1832
p. 107. Pacosmayo

14c Bulinus Proteus var. *Brod.* Z. P. 1832
p. 107. Lima

15 Bulinus mutabilis *Brod.* Z. P. 1832
p. 108. Santos, Peru

15* Bulinus mutabilis var. *Brod.* Z. P. 1832
p. 108. Campania of Truxillo

16 Bulinus versicolor *Brod.* Z. P. 1832
p. 108. Mongon, near Casma

16* Bulinus versicolor var. *Brod.* Z. P. 1832
p. 108. Mongon, near Casma

17 Bulinus pulchellus *Brod.* Z. P. 1832
p. 106. Truxillo.

April 19th, 1833.

27.

Bulinus.

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G.B.S.jun.

The following Bulini are represented in this 27th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 18 Bulinus Princeps *Brod.* Z. P. 1832.
Conchagua, Central America,
two views.

19 ..... modestus *Brod.* Z. P. 1832.
Huacho, Peru.

20 ..... varians *Brod.* Z. P. 1832.
Truxillo, Peru.

20* ..... varians var. *Brod.* Z. P. 1832.
Truxillo, Peru.

21 ..... Tigris *Brod.* Z. P. 1832.
Truxillo, Peru.

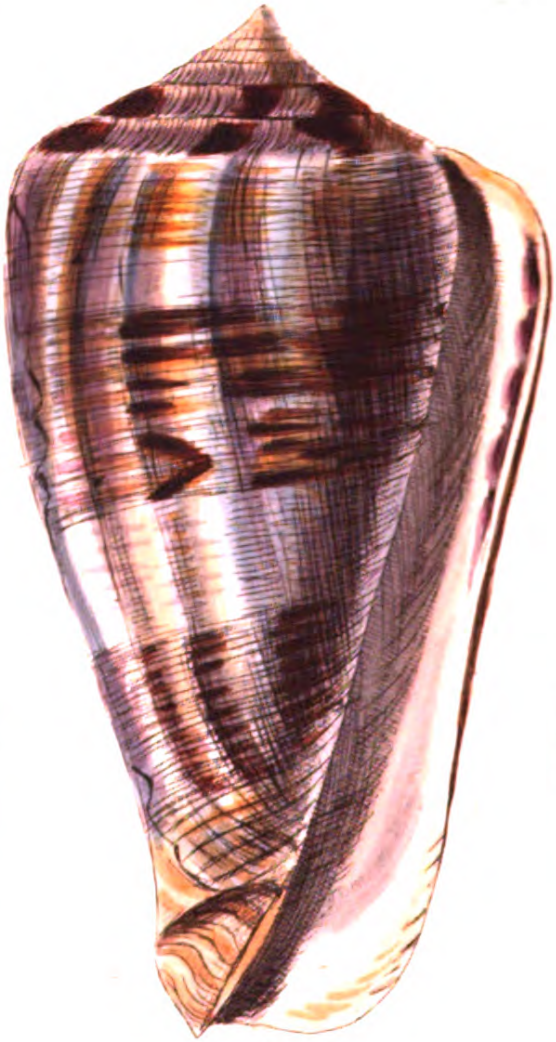
22 ..... albicans *Brod.* Z. P. 1832.
Huasco, Chili.

22* ..... albicans var. *Brod.* Z. P. 1832.
Copiapo, Chili.

3rd May 1833.

Conus

15



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G.B.S. jun. exc

The following Cones are represented in this 28th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 15 Conus planicostatus *nobis*. two figures.

16 .... aspersus *nobis*.

17 .... insignis *nobis*.

18 .... bicolor *nobis*.

19 .... modestus *nobis*.

20 .... unicolor *nobis*.

21 .... vittatus *Lam*.

10th May 1833.

67.

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G.B.S. jun.es

The following Cones are represented in this 29th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 22 Conus ornatus *nobis.*

23 .... maculiferus *nobis.*

24 .... bullatus var.

25 .... tornatus *Brod.* Z. P. 1833.
Panama.

26 .... obscurus *Humphrey* M. S.
Coast of Arabia.

27 .... croceus *nobis.*

28 .... discrepans *nobis.*

29 .... regularis *nobis.*

17th May 1833.

G.B.S. jun. ex

Bulinus.

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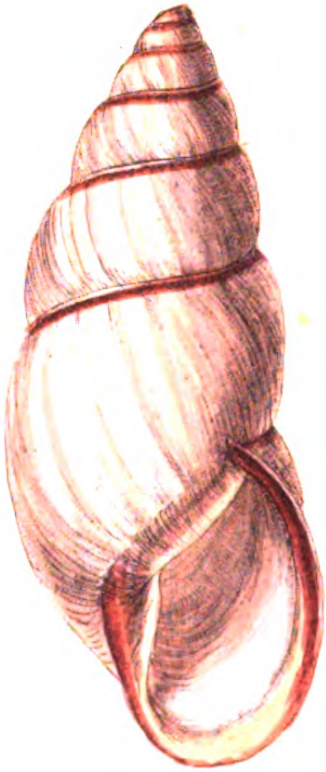

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G.B.S. inv. et c

The following Bulini are represented in the 30th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 23 Bulinus pustulosus *Brod.* Z. P. 1832.
Huasco.

24 .... scabiosus *Sow.*

25 .... Panamensis *Brod.* Z. P. 1833.
I. of Saboga, Panama.

26 .... vexillum *Brod.* Z. P. 1832.
Isle of Saboga.

27 .... pupiformis *Brod.* Z. P 1832.
Huasco.

28 .... chrysalidiformis *Sow.* Z. P. 1833.

29 .... bilineatus *Sow.* Z. P. 1833.
St. Elena.

30 .... affinis *Brod.* Z. P. 1832.
Hill of Mexillones.

31 .... turritus *Brod,* Z. P. 1832.
Truxillo.

32 .... rubellus *Brod.* Z. P. 1832.
Truxillo.

Bulinus.

33

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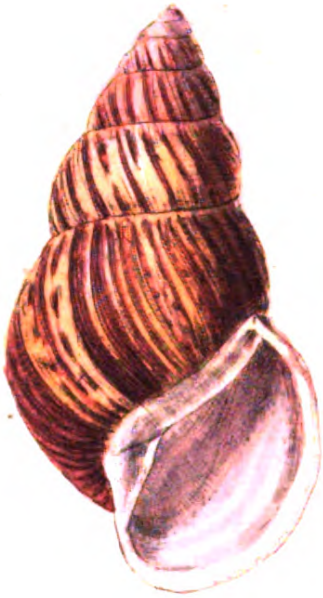

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G.B.S jun. ex.

The following Bulini are represented in the 31st Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 33 Bulinus Nucleus *Sow.*
Straits of Magalhæns.

34 .... arrosus *Brod.* Z. P. 1832.

35 .... Javanicus *Sow.* } Java.
35* .... do. young }

36 .... punctulifer *Sow.* Z. P. 1833.
Questo Prado, Chili.

37 .... Nux *Brod.* Z. P. 1832.
Gallapagos Islands.

37* .... Nux *Brod.* Z. P. 1832.
Gallapagos Islands.

38 .... derelictus Brod. Z. P. 1832.
Cobija.

39 .... scutulatus *Brod.* Z. P. 183 .
Islay, Peru.

Conus

31

30b

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30b

30a

30a

30

33

G.B.S. jun. exc.

The following Cones are represented in this 32nd Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 30 Conus Princeps var. γ. *Brod.*
Z. P. 1833. Monte Christe.

30 a .... Princeps var α *Brod.*
Z. P. 1833. St. Elena.

30 b ....Princeps var β *Brod.*
Z. P. 1833. Panama.

31 .... Nux *Brod.* Z. P. 1833.
Gallapagos Islands.

32 .... concinnus *Brod.* Z. P. 1833.

33 .... Geographus, var. rosea *Brod.*
Z. P. 1833. Annaa.

Conus

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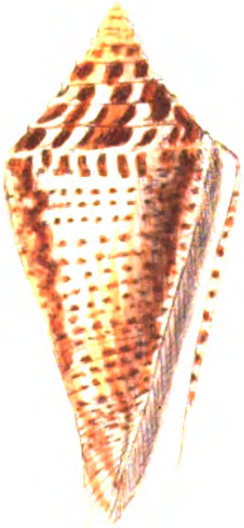

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The following Cones are represented in this 33rd Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 34 Conus Gladiator *Brod.* Z. P. 1833. Panama.

35 .... Artoptus *Humph.* M. S.
S. Seas, per Endeavour.

36 .... incurvus *Brod.* Z. P. 1833.
Monte Christe.

37 .... Monilifer *Brod.* Z. P. 1833.
Salango.

38 .... Archon *Brod.* Z. P. 1833.
Bay of Montija.

39 .... Glans var? *Sow.*

40 .... Orion *Brod.* Z. P. 1833.
Rio Llejos.

41 .... inflatus *Sow.*

Bulinus

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The following Bulini are represented in the 34th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 39 and 44	Bulinus	pallidior * *nobis*,	South Sea Islands.
40	.....	rugiferus * *nobis*.	Gallapagos Islands.
41	.....	calvus * *nobis*.	Gallapagos Islands.
42	.....	ustulatus * *nobis*.	Gallapagos Islands.
43	.....	unicolor * *nobis*.	Panama.
45	.....	Jacobi * *nobis*, two varieties. James's Island one of the Gallapagos	
46	.....	bivittatus, *nobis*.	Brazil.
47	.....	opalinus, *nobis*.	Brazil.
48	.....	lacticolor, *nobis*.	

Those marked with a (*) are from Mr. Cuming's Collection.

12th July, 1833.

Bulimus.

49

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The following Bulini are represented in the 35th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 49 Bulinus conspersus * *nobis*. Lima.

50 ..... erythrostoma * *nob*. Copiapo.

51 ..... albus * *Brod*. Copiapo.

52 ..... discrepans * *nobis*. San Salvador.

53 ..... Luzonicus * *nob*. Manilla.

54 ..... undulatus * Bulinulus undulatus *Guilding*, St. Vincents.

55 ..... unifasciatus * *nob*. Gallapagos Islands.

56 ..... striatus * *King*. Santos, Peru.

57 ..... signatus. Macroceramus signatus *Guilding*. St. Vincents.

58 ..... striatulus * *nobis*. Hills of Lima.

Those marked with a (*) are from Mr. Cuming's Collection.

19th July, 1833.

36.

Conus.

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G.B.S jun. sc.

The following Cones are represented in the 36th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 42 Conus Consors.

43 ..... cinereus, var.

44 ..... Spectrum, var.

45 ..... Syriacus.

46 ..... Ammiralis, var coronatus

47 ..... nivifer, var.

48 ..... Mercator.

49 ..... Catus, var.

37.

Conus.

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GB S jun. ex.

The following Cones are represented in the 37th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 50 Conus figulinus, var.

51 ..... sphacelatus.

52 ..... Cedo-nulli, var.

53 ..... splendidulus.

54 ..... papillaris.

55 ..... breviculus.

56 ..... bicolor.

57 ..... dispar.

58 ..... balteatus.

Chiton.

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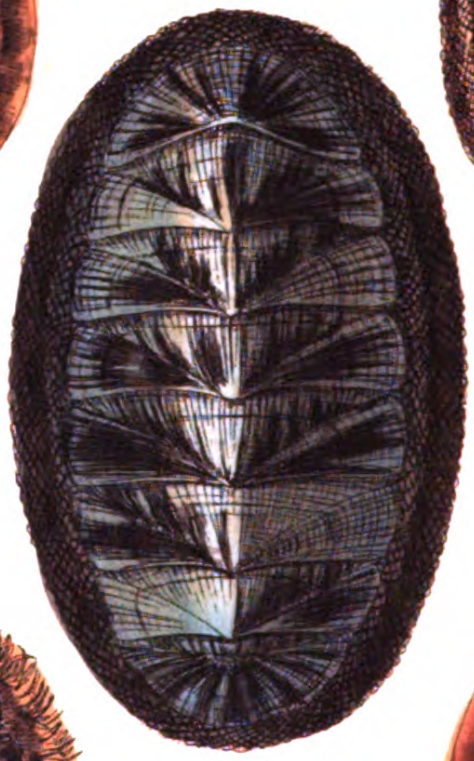

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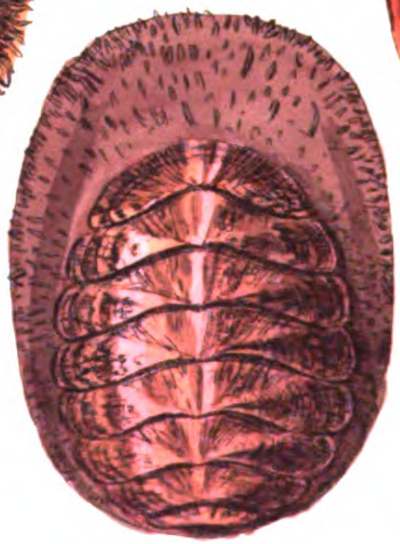

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G.B.S. pinx.

The following Chitones are represented in the 38th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 1 Chiton Hennahi. *Gray.*

2 .... Barnesii. *id.*

3 .... subfuscus. *nobis.*

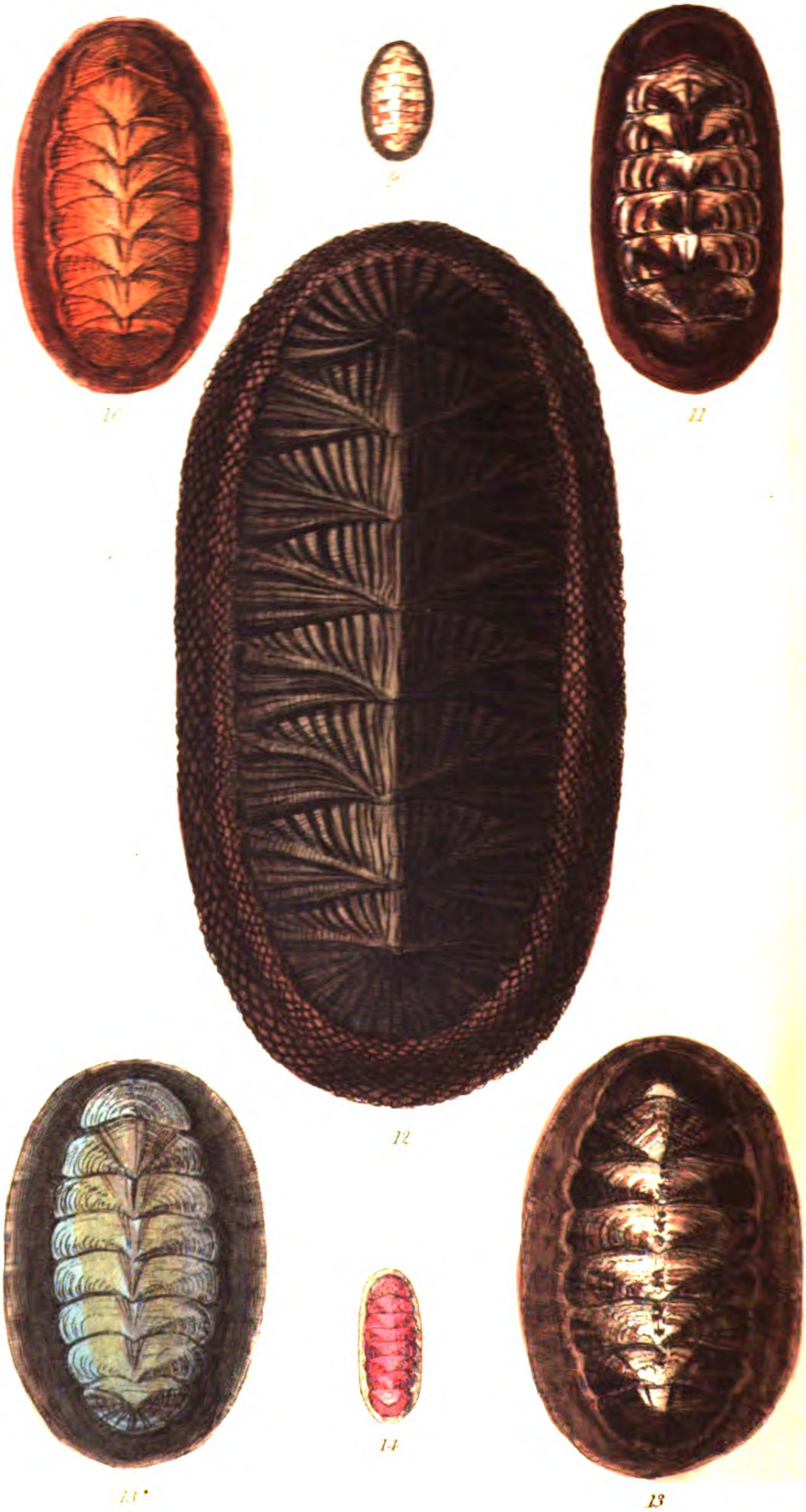
4 .... Frembleyi. *Brod.*

5 .... Swainsoni. *nobis.*

6 .... Blainvillii. *Brod.*

7 .... Lyellii. *nobis.*

8 .... Grayii. *nobis.*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G.B.S. jun. c.

The following Chitones are represented in the 39th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 9 Chiton punctulatissimus. *nobis.*

10 .... Chilensis. *Frembl.*

11 .... Chiloensis. *nobis.*

12 .... sulcatus.

13 .... Chiloensis. *nobis, var.*

13* .... Chiloensis. *nobis, var.*

14 .... roseus. *nobis.*

17

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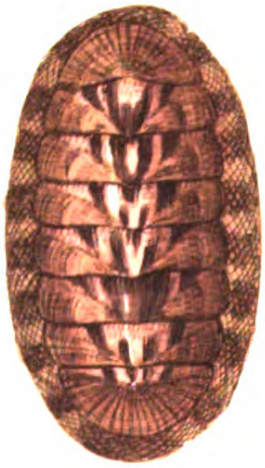

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G.B.S. jun. ex

The following Chitones are represented in the 40th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 15 Chiton Columbiensis *nobis.*

16 ..... Grayii *nobis, var.*

17 ..... setiger *King.*

18 ..... articulatus *nobis.*

18* ..... lævigatus *nobis.*

19 ..... setosus *nobis.*

20 ..... luridus *nobis.*

21 ..... scabriculus *nobis.*

Chiton.

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G.B.S. pin. xv

The following Chitones are represented in the 41st Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 22 Chiton retusus *nobis.*

23 ..... Hirudiniformis *nobis.*

24 ..... Stokesii *Brod.*

25 ..... dispar *nobis.*

26 ..... punctulatissimus *nobis.*

27 ..... bipunctatus *nobis.*

28 ..... stramineus *nobis.*

29 ..... elegans *Frembl. var.*

30 ..... lineolatus *Frembl. var.*

42.

Chiton.

32

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G.B.S jun.

The following Chitones are represented in the 42nd Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 31 Chiton pusillus *nobis.*

32 ..... Cumingii *Frembl. var.*

33 ..... Hennahi *Gray. var.*

34 ..... Goodallii *Brod. var.*

35 ..... fastigiatus *Gray.*

36 ..... exiguus *nobis.*

37 ..... Bowenii *King.*

Chiton.

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G.B.Sjun.del

The following Chitones are represented in the 43rd Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 38 Chiton Limaciformis *nobis.*

39 ..... albolineatus *nobis.*

40 ..... Goodallii *Brod.*

41 ..... subfuscus *nobis.*

42 ..... rugulatus *nobis.*

43 ..... crenulatus *Brod.*

Chiton

44*

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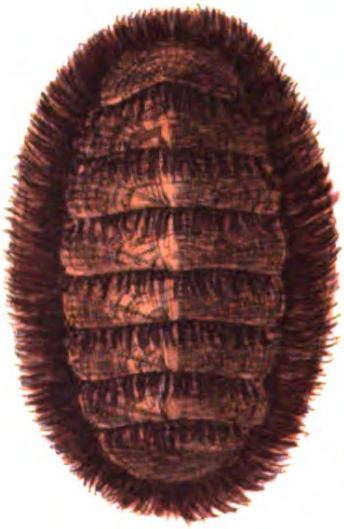
46



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G.B.S. jun. exc.

The following Chitones are represented in the 44th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 44 Chiton Peruvianus *var.*

44* ..... Peruvianus *var.*

44** ..... Peruvianus *var.*

45 ..... Cymbiola *nobis.* fuscus *Gray*

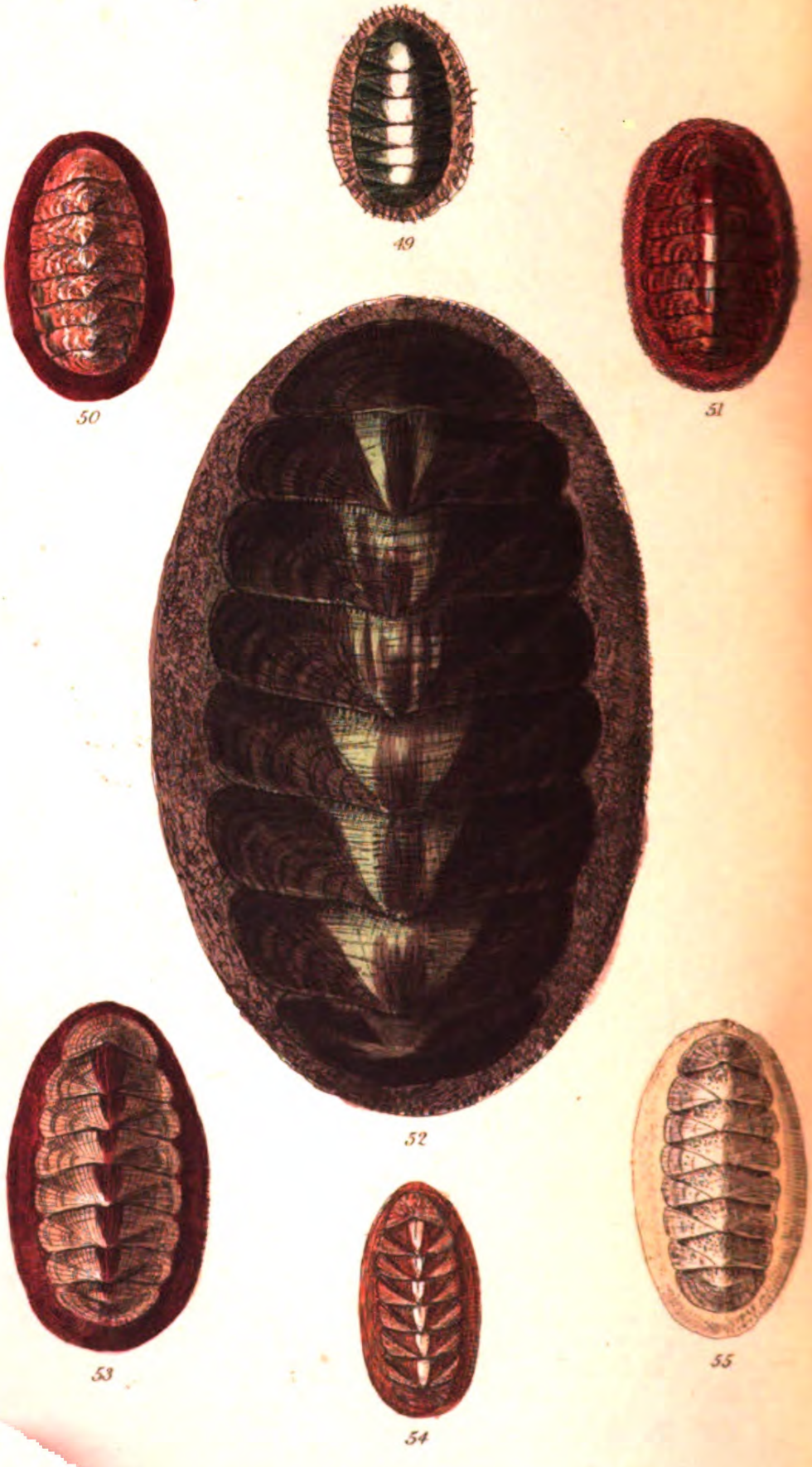
46 ..... australis *nobis.*

47 ..... aculeatus *var.*

48 ..... Danielli *nobis.*

45.

Chiton.



G.B.S. junior.

The following Chitones are represented in the 45th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 49 Chiton rugosus *Gray.*

50 ..... lineolatus *var.*

51 ..... Cumingii *var. rufescens*

52 ..... magnificus *Gray.*

53 ..... velatus *nobis.*

54 ..... occidentalis *Gray.*

55 ..... Indicus *Chemn.*

46.

Cardium.

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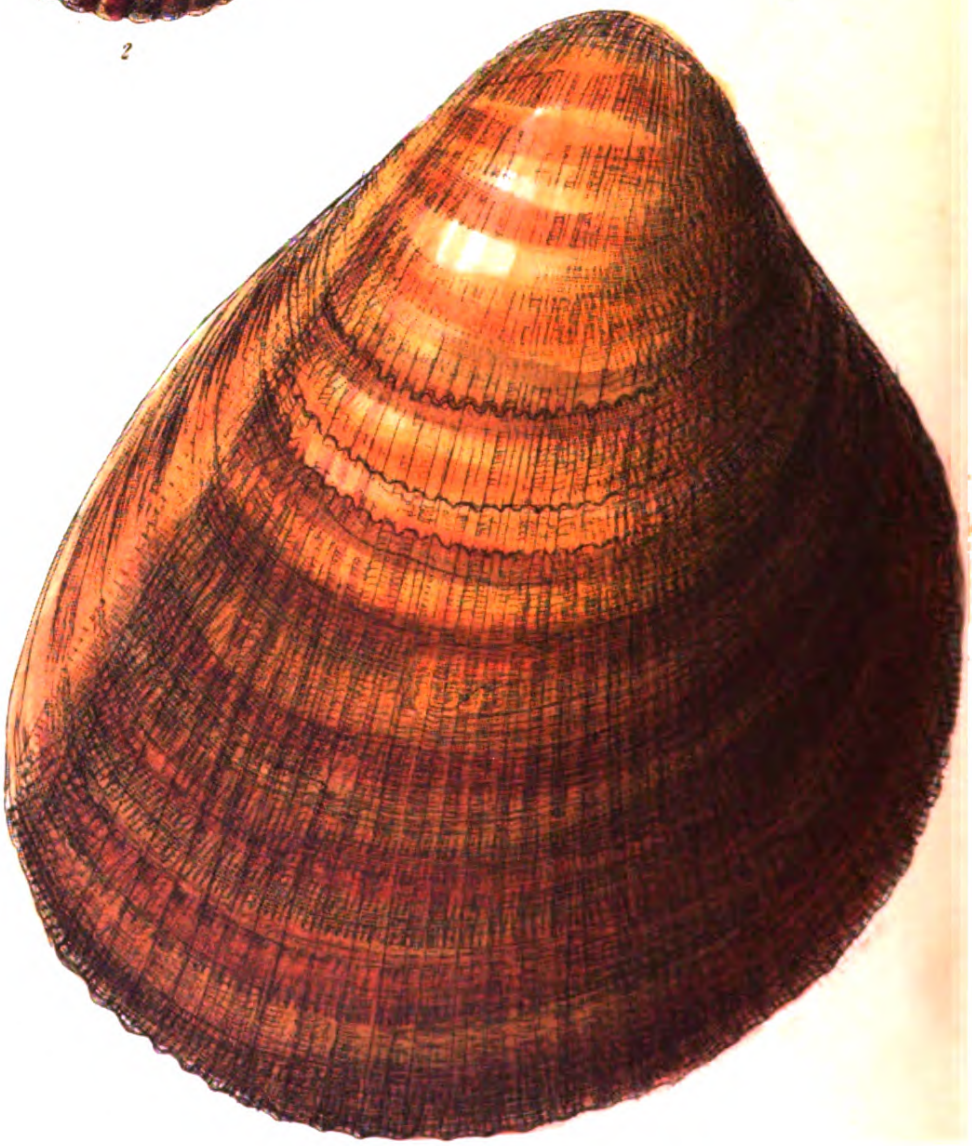

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G.B.Sow.

The following Cardia are represented in the 46th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 1 Cardium Dionæum *var.* *Z. J.* iv. *p.* 367.

1* ..... Dionæum *var.* *id.*

1** ..... unimaculatum *nobis.*

2 ..... biangulatum *Z. J.* iv. *p.* 367.

3 ..... elatum *nobis.*

4 ..... obovale *nobis.*

Cardium

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G B Sowerby.

The following Cardia are represented in the 47th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 5 Cardium Cumingii *Brod.*

6 ..... impolitum *nobis.*

7 ..... punctulatum *Z. J.* iv. *p.* 366.

8 ..... Consors *nobis.*

9 ..... Oxygonum *nobis.*

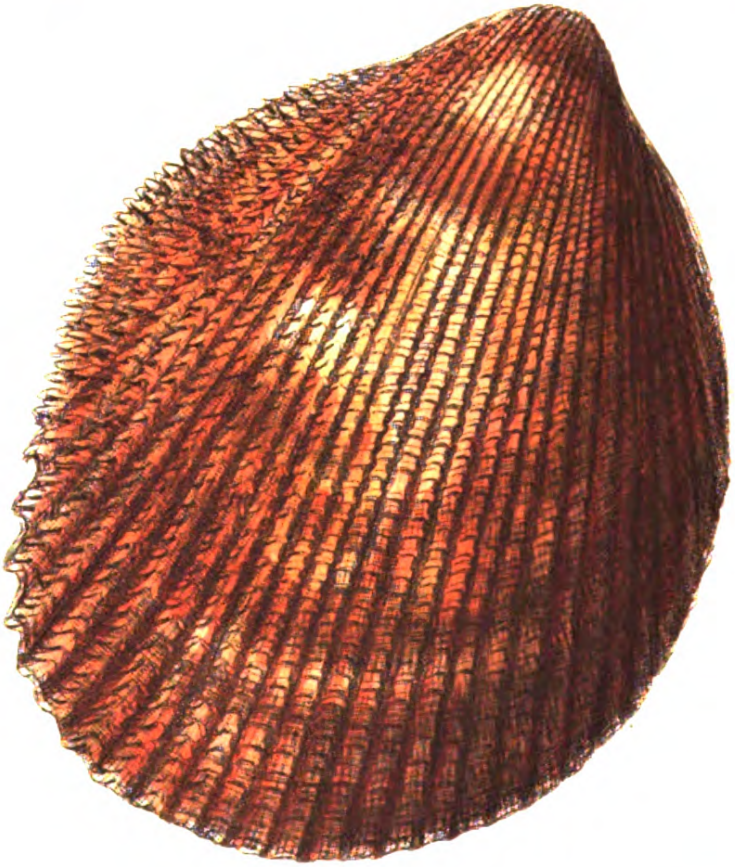
10 ..... senticosum *nobis.*

Cardium

12

11

12*



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G.B.S. pinx.

The following Cardia are represented in the 48th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 11 Cardium ringiculum *nobis.*

12 ..... australe *nobis.*

12* ..... australe *var. nobis.*

13 ..... Orbita *nobis.*

14 ..... multipunctatum *nobis.*

15 ..... aspersum *nobis.*

January, 1834.

Cardium.

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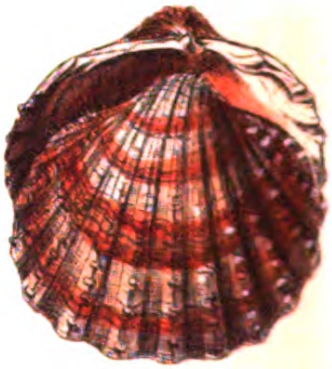

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G.B.Sowerby

The following Cardia are represented in the 49th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 16 Cardium striatulum *nobis.*

17 ..... graniferum *Z. J.* iv. *p.* 367.

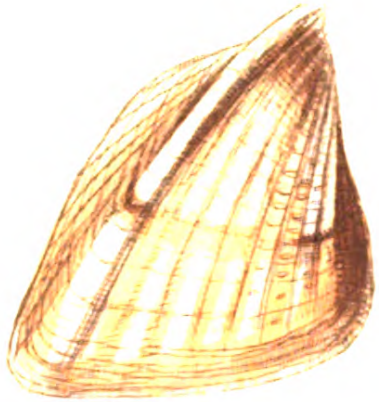
18 ..... maculosum *nobis.*

19 ..... varium *nobis.*

20 ..... paucicostatum *nobis.*

21 ..... Panamense *nobis.*

January, 1834.



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C.B.S. inv. et sc.

The following Cardia are represented in the 50th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 22 Cardium tumoriferum *Lam.*

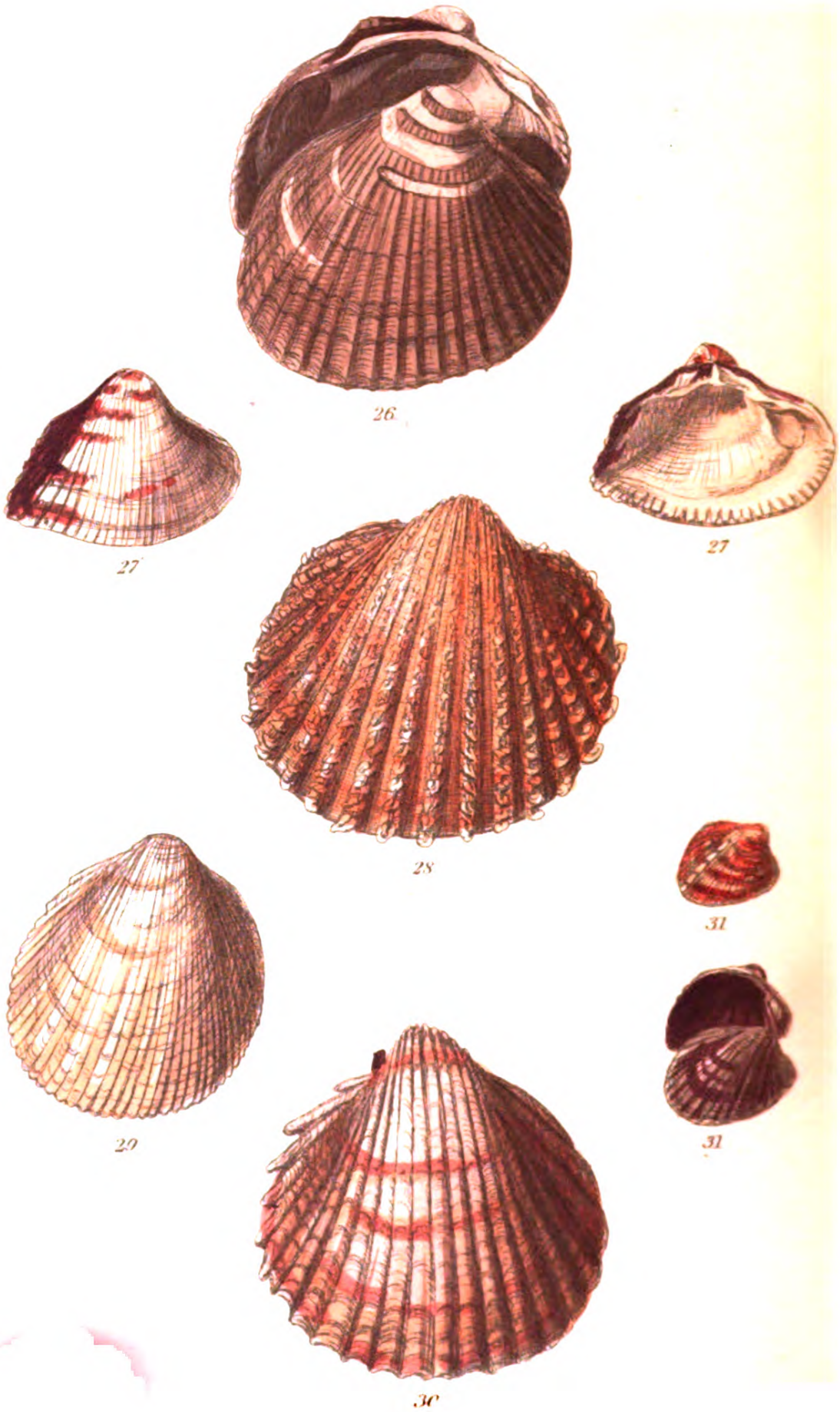
23 ..... procerum *nobis.*

24 ..... subretusum *nobis.*

25 ..... planicostatum.

February, 1834.

Cardium.



G.B.Sowerby del.

The following Cardia are represented in the 51st Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 26 Cardium arcticum *nobis.*
27 ..... donaciforme.
28 ..... crassispinosum *nobis.*
29 ..... unicolor *nobis.*
30 ..... laticostatum *nobis,*
31 ..... Siculum *nobis.*

February, 1834.

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G.B.S., n.es

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G.B.S.jun. exc.

The following Eulimæ are represented in the 52 & 53 Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

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 Nocoiyo. 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. Xipixapi, Mr. Cuming.

15 lineata *nobis*. Conch. Ill. f. 13. British? Turbo glaber Dacosta.

The following Eulimæ are represented in the 52 & 53 P.

Conchological Illustrations,

By G. B. SOWERBY, Jun.

EULIMA

§ 1. perforatæ.

Sp 1 splendidula *nobis*. Conch. Ill. f. 7. St
Cuming.

2 marmorata *nobis*. Conch. Ill. f. 8.

3 interrupta *nobis*. Conch. Ill. f. 11. G
Mr. Cuming.

4 minricata, *nobis*. Conch. Ill. f. 4. St. El

5 brunnea *nobis*, Conch. Ill. f. 9. Ha

§ 2. imperforatæ.

6 brevis *nobis*. Conch. Ill. f. 15. I
Mr. Cuming.

7 hastata *nobis*. Conch. Ill. f. 10. St

8 major [illegible]
Tahiti. Yr. [illegible]

9 *labiosa*, [illegible]

10 anglica [illegible]
British.

11 subangulata [illegible]

12 pusilla [illegible]

13 articulata [illegible]

14 variabilis [illegible]

15 lineata [illegible]
Denmark.

Conus

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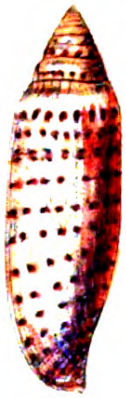

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The following Coni are represented in the 54th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 59 Conus unicolor *nobis*

60 .. glaucescens *nobis*

61 .. pulchellus *nobis*

62 .. Nussatella var. tenuis *nobis*

63 .. brunneus var. *nobis*

64 .. tendineus var. *nobis*

55 .. rosaceus *nobis*

66 .. Algoensis *nobis*

67 .. vitulinus var. *nobis*

15th April, 1834.

5.

Conus.

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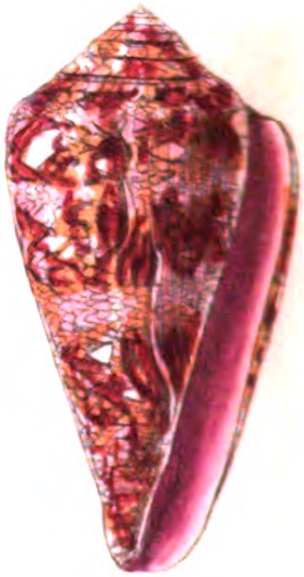

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The following Coni are represented in the 55th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 68 Conus flavescens *Gray*.

69 .. Pusio *nobis*.

70 .. Textile *var*.

71 .. Aulicus var. roseus *nobis*.

72 .. nimbosus var.

73 .. testudinarius var.

74 .. Capitaneus var.

75 .. flammeus *Lam*. var.

15th April, 1834.

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Conus.

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G.B.S. jun. en

Conus.

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G.B.S. jun. etc.

The following Coni are represented in the 56th and 57th Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 76 Conus Textile var. sulcata.
77 .. luteus *nobis*, var.
78 .. pauperculus *nobis*.
79 .. papilliferus *nobis*.
80 .. Thalassiarchus, Gray.
81 .. minimus var. granulatus.
82 .. Fulgetrum *nobis*.
83 .. roseus *Lam*.
84 .. nivifer *Brod*. var.
85 .. Thalassiarchus var.
86 .. reticulatus *Wood*.
87 .. Regalitatis *nobis*.
88 .. Diadema *nobis*.
89 .. Monachus var.
90, 90* .. papilionaceus, young.
91 .. Luzonicus *Lam*.

30th April, 1834.

Murex

The following Murices are represented in the 58th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 1 Murex chrysostoma. *Gray.*

2 .. Nucleus *Brod.*

3 .. pallidus. *Brod.*

4 .. nitidus. *Brod.*

5 .. salebrosus. *King.*

6 .. plicatus. *nobis.*

7 .. rubescens. *Brod.*

30th May.

59.

Murex

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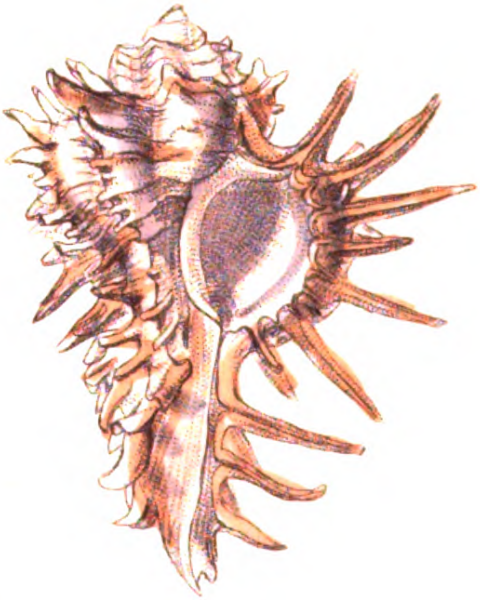

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The following Murices are represented in the 59th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 8 Murex tortuus. *Brod.*

9 .. recurvirostris. *Brod.*

10 .. brevispinosa. *Lam.*

11 .. Oxyacantha. *Brod.*

12 .. Maurus. *Brod.*

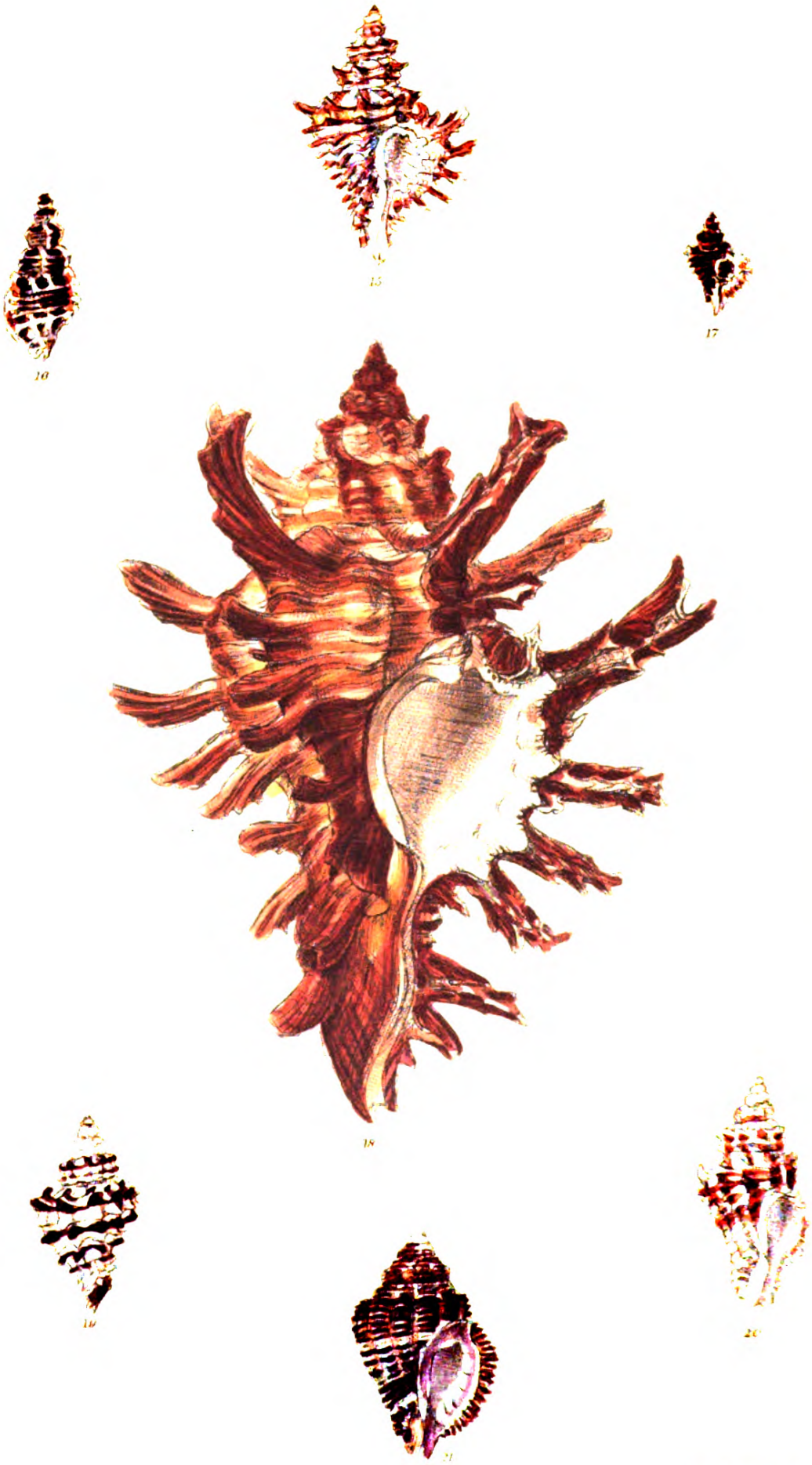
13 .. incisus. *Brod.*

14 .. crassilabrum. *Gray.*

30th May.

60.

Murex.



G.B. Sowerby sc.

The following Murices are represented in the 60th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

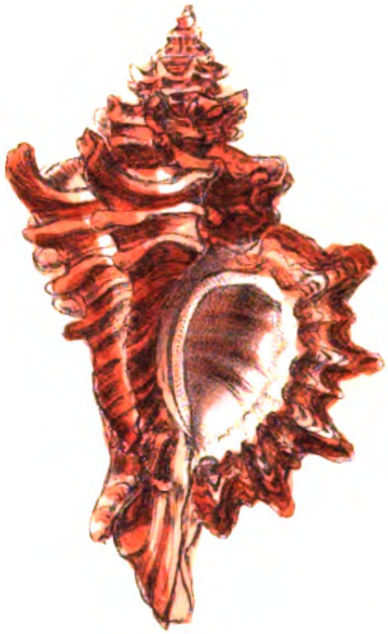
Fig. 15 Murex Lappa *Brod.*
16 .. erosus *Brod.*
17 .. exiguus *Brod.*
18 .. megacerus *nob.*
19 .. vittatus *Brod.*
20 .. Dipsacus *Brod.*
21 .. Margariticola *Brod.*

15th June, 1834.

Murex.

22

23



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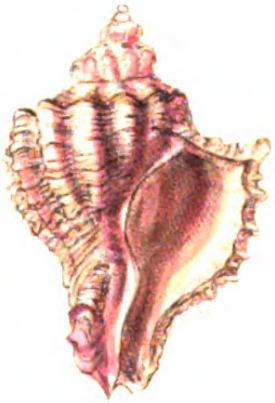

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G.B.Sowerby

The following Murices are represented in the 61st Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 22 Murex Carduus *Brod.*
23 .. aculeatus *Wood.*
24 .. erinaceus var. *Auctm.*
25 .. tetragonus. *Brod.*
26 .. lugubris *Brod.*
27 .. squamosus *Brod.*
28 .. Buxeus *Brod.*
29 .. horridus *Brod.*

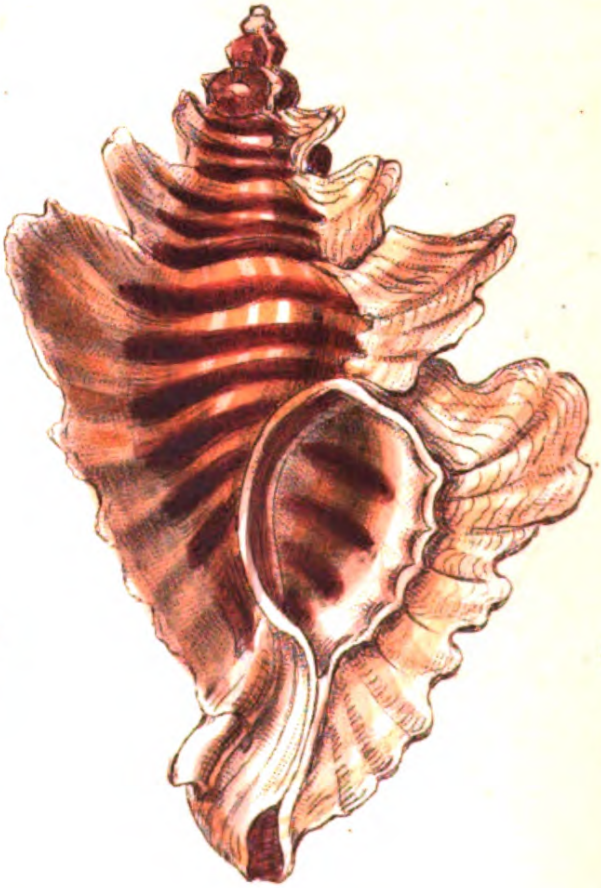
15th June, 1834.

Murex.

30

31

32



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35

34 *

G.R.S. inv. et

63.

Murex.

36

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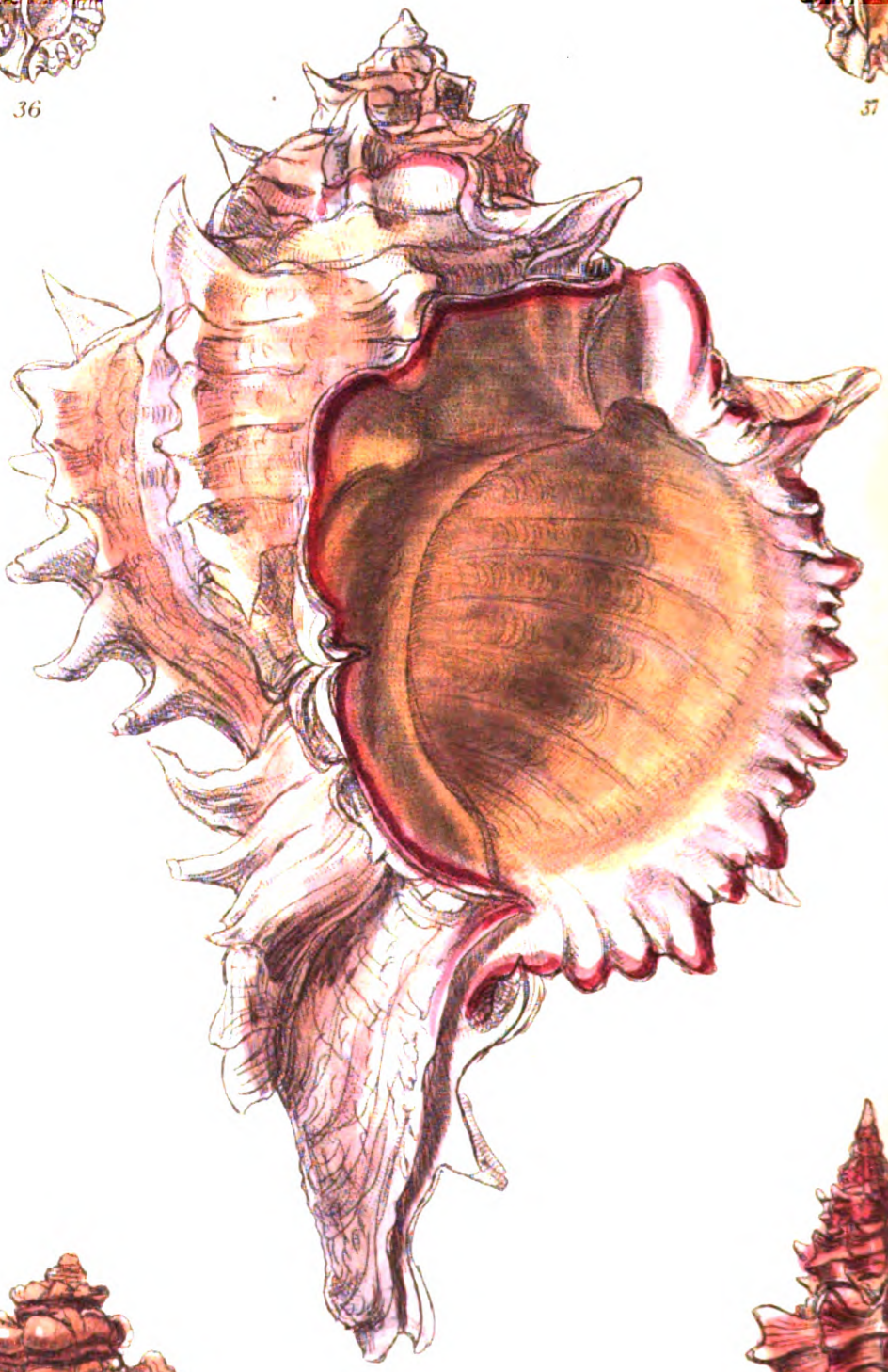

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G.B.S. jun. exc.

The following Murices are represented in the 62nd and 63rd Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 30 Murex fulvescens *nobis.*
31 .. falcatus *nobis.*
32 .. octonus *nobis.*
33 .. trialatus *nobis.*
34 .. Novæ Zeelandiæ *Gray.*
35 .. aduncus *nobis.*
36 .. tetragonus *Brod.* var.
37 .. breviculus *nobis.*
38 .. erythrostoma *Swains.* var.
39 .. torosus? *Lam.*
40 ... cataphractus *nobis.*

30th June, 1834.

64.

Murex.

41

42

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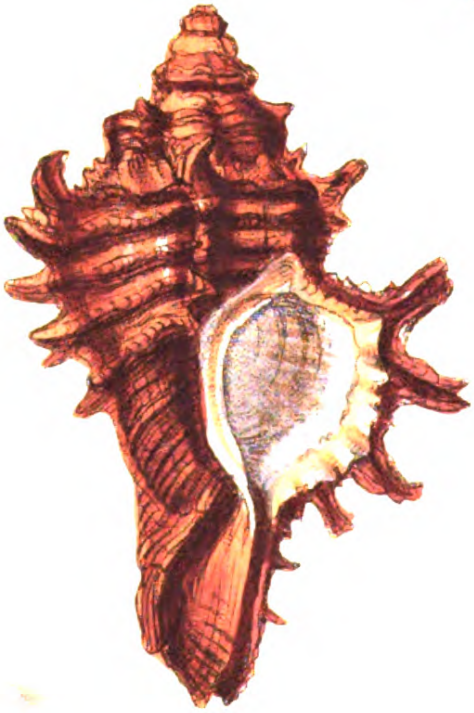

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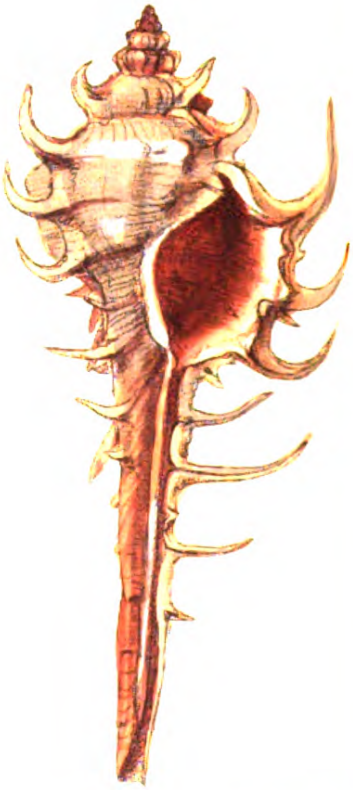

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G.B.Sowerby

65.

Murex.

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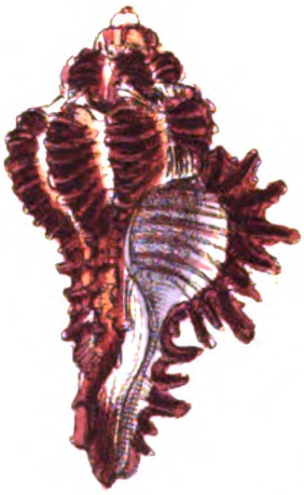

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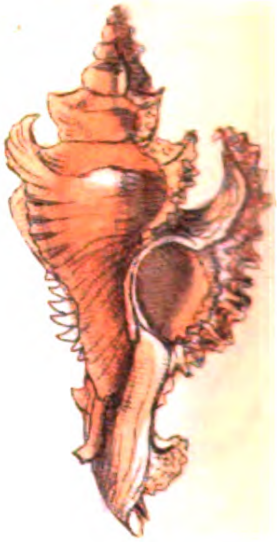

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51

G.B.Sjanzex.

The following Murices are represented in the 64th and 65th Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 41 Murex fenestratus *Lam.*

42 .. Iostoma *nobis.*

43 .. Princeps *Brod.*

44 .. castaneus *nobis.*

45 .. Occa *nobis.*

46 .. } Humilis *Brod.*
47 .. }

48 .. salebrosus *King.*

49 .. varicosus *nobis.*

50 .. cristatus *Gray.*

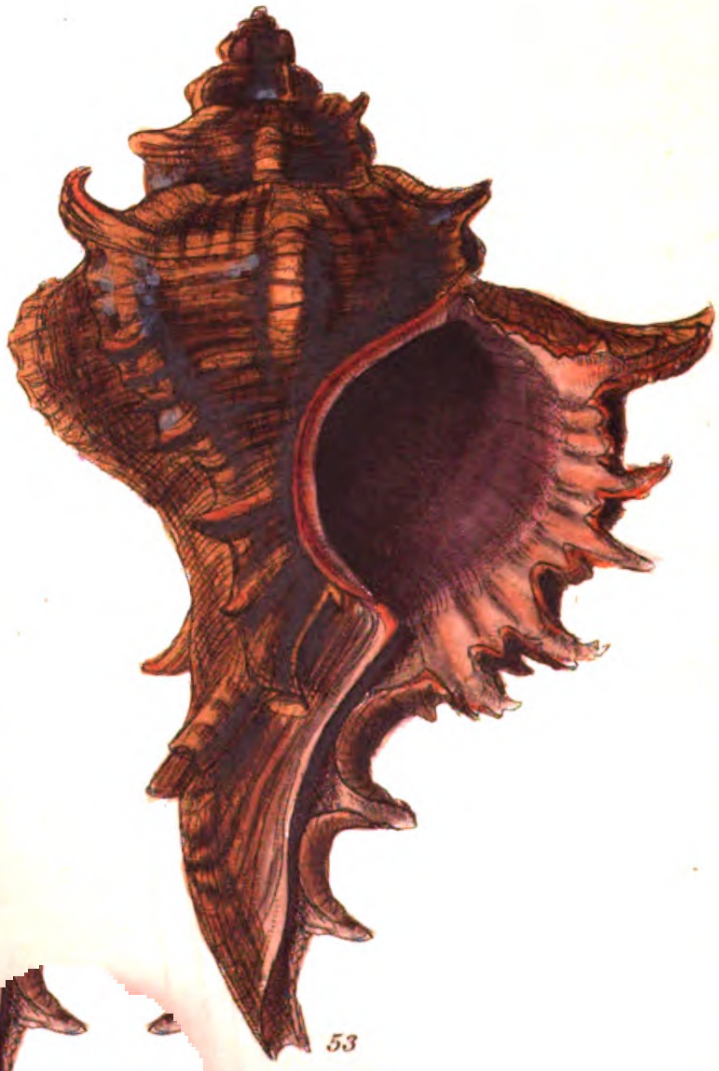
51 .. alatus *nobis.*

66.

Murex.

54

52



53

54*

G.B.S. jun. del.

Murex.

The following Murices are represented in the 66th and 67th Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig 52 Murex unidentatus *nobis.*

53 .. inflatus var.

54 .. trialatus *nobis.*

54* .. ——— var. *nobis.*

55 .. Brasiliensis *nobis.*

56 .. Ducalis *Brod.*

57 .. varius *nobis.*

58 .. cariniferus *nobis.*

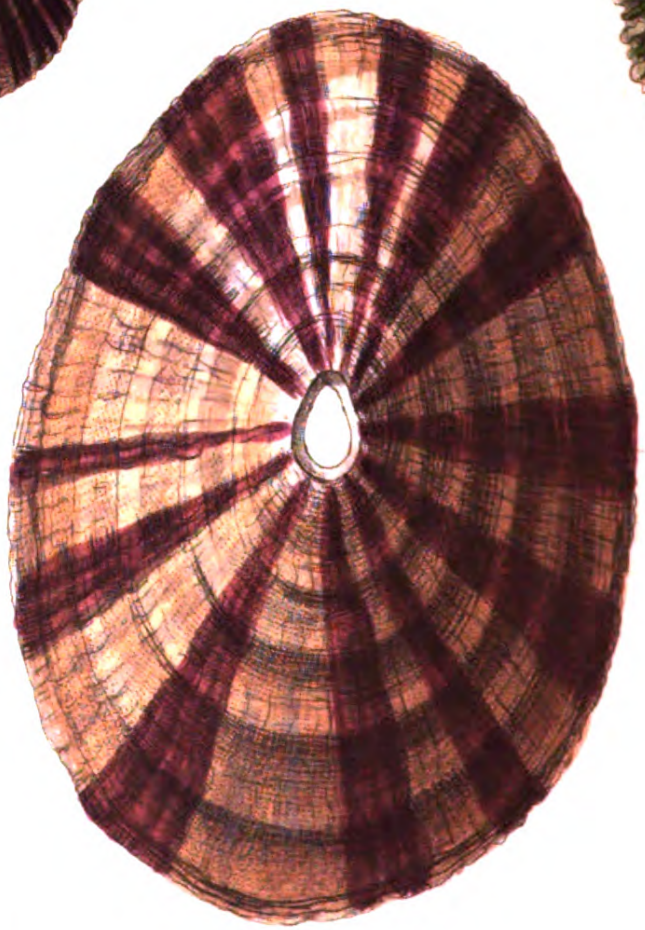
1st Oct. 1834.

Fissurella.

1

2

3



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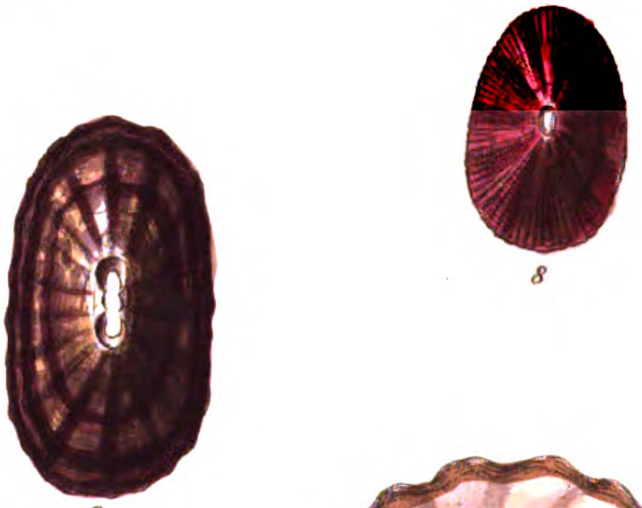
7

Fissurella.



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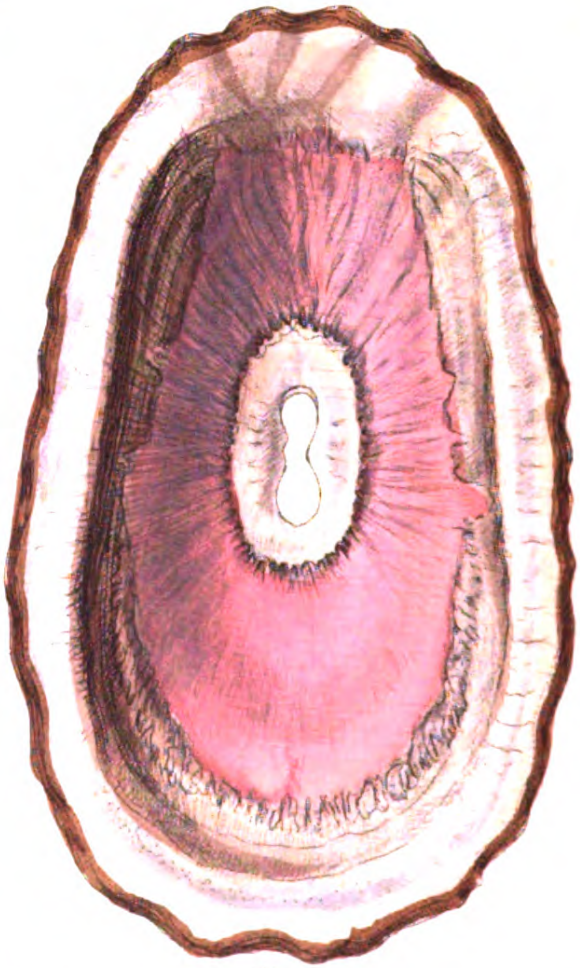

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G.Ad. pinx. sc.

The following Fissurellæ are represented in the 68th and 69th Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 1 Fissurella nodosa *Lam.*
2 ..... nimbosa *Lam.*
3 ..... Græca *Lam.*
4 ..... picta *Lam.*
5 ..... Barbadenis *Lam.*
6 ..... ——— var.
7 ..... Cayenensis *Lam.*
8 ..... rosea *Lam.*
9 ..... crassa *Lam.* young.
10 ..... hiantula *Lam.*
11 ..... crassa *Lam.*
12 ..... Javanicensis *Lam.*
13 ..... viridula *Lam.*
14 ..... fascicularis *Lam.*

Note. As very few species of this Genus are *well* figured, it has been thought advisable to give in these Conchological Illustrations, representations of all that we know at present.

16

15

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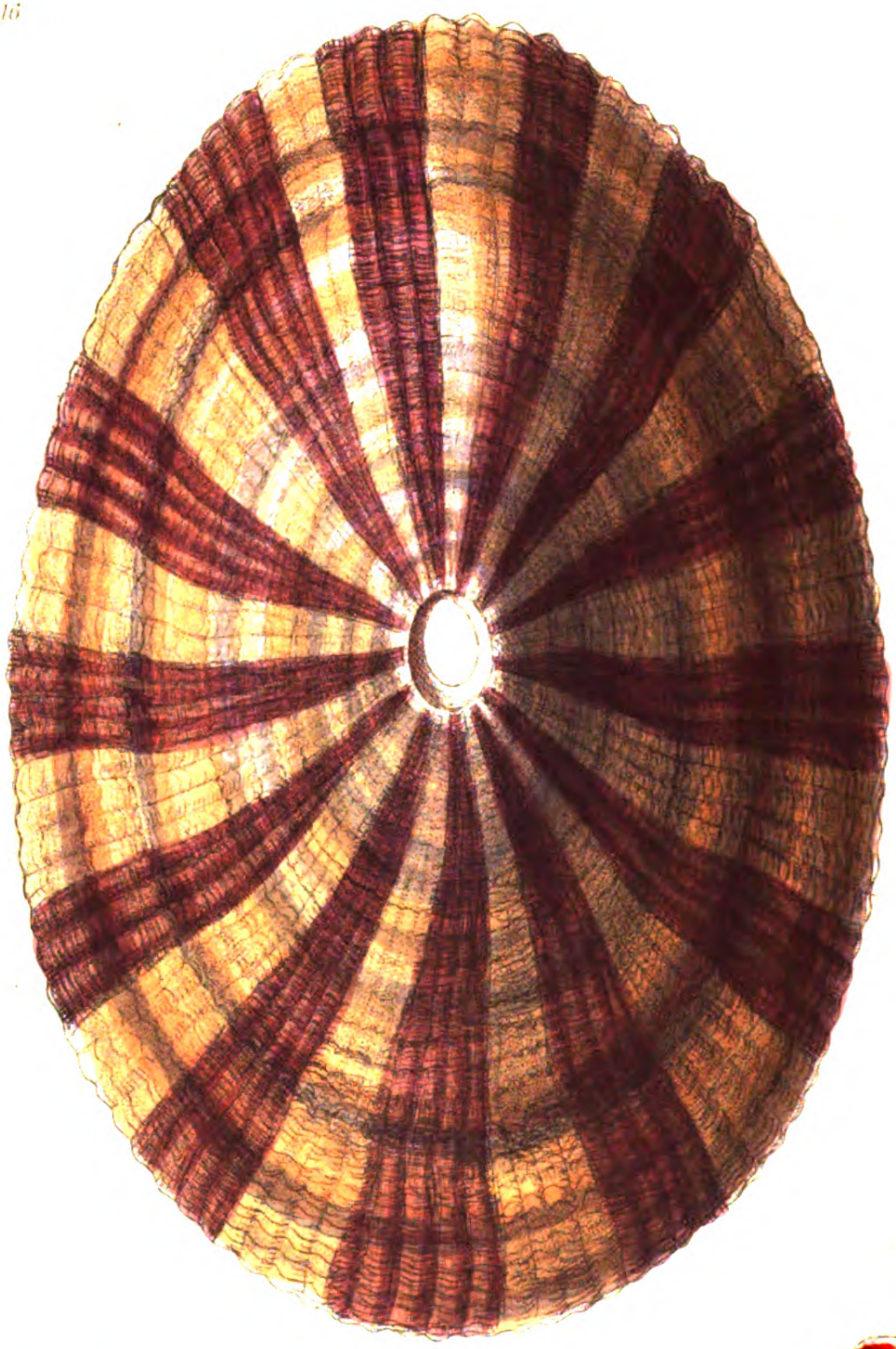

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(Lis.)

71.

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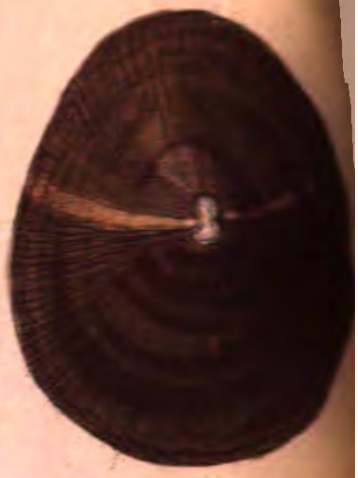

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G.H.S. jun. del.

The following Fissurellæ are represented in the 70th and 71st Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 15 Fissurella Noachina *nobis.*
16 .. minuta *Lam.*
17 .. gibberula *Lam.*
18 .. maxima *nobis.*
19 .. calyculata *nobis.*
20 .. Pustula *Lam.*
21 .. calyculata *nobis.*
22 .. coarctata *King.*
23 .. biradiata *Frembly.*
24 .. pulchra *nobis.*
25 .. Oriens *nobis.*
26 .. picta *Lam.* var.
27 .. obscura *nobis.*

December 21, 1831.

72.

Fissurella.

29

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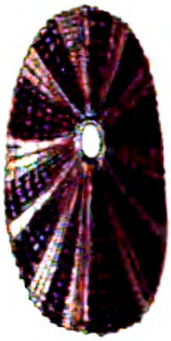

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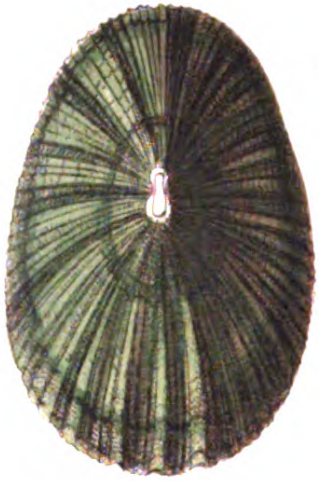

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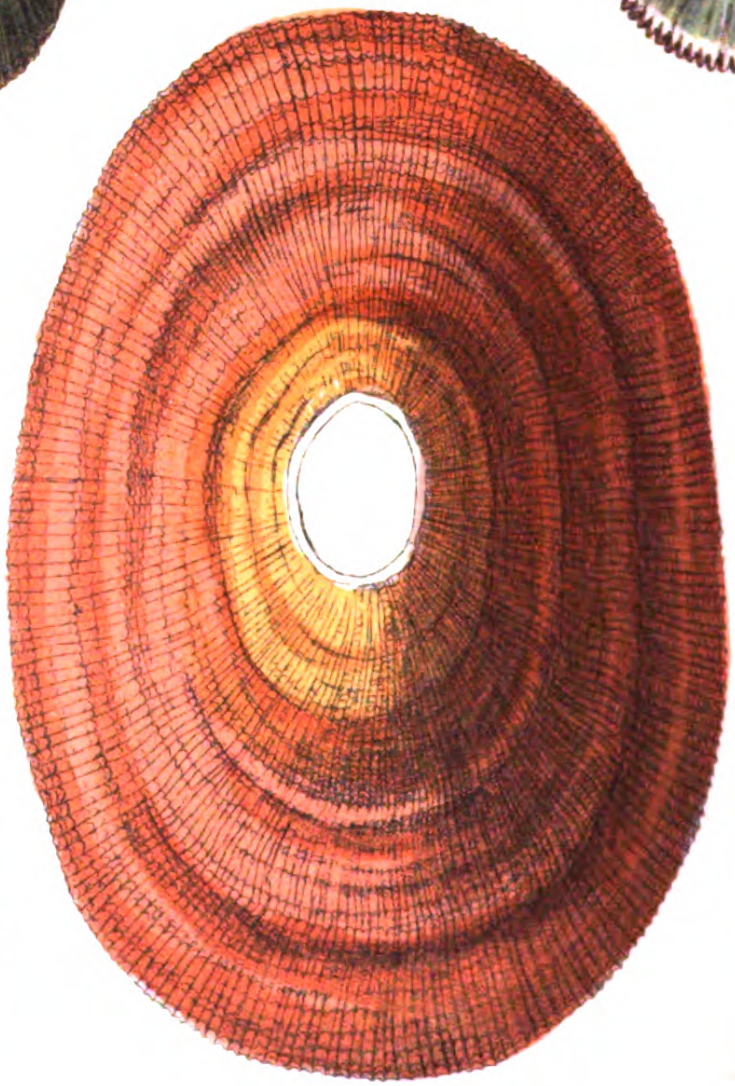

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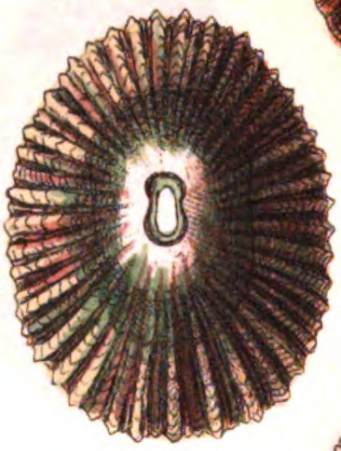

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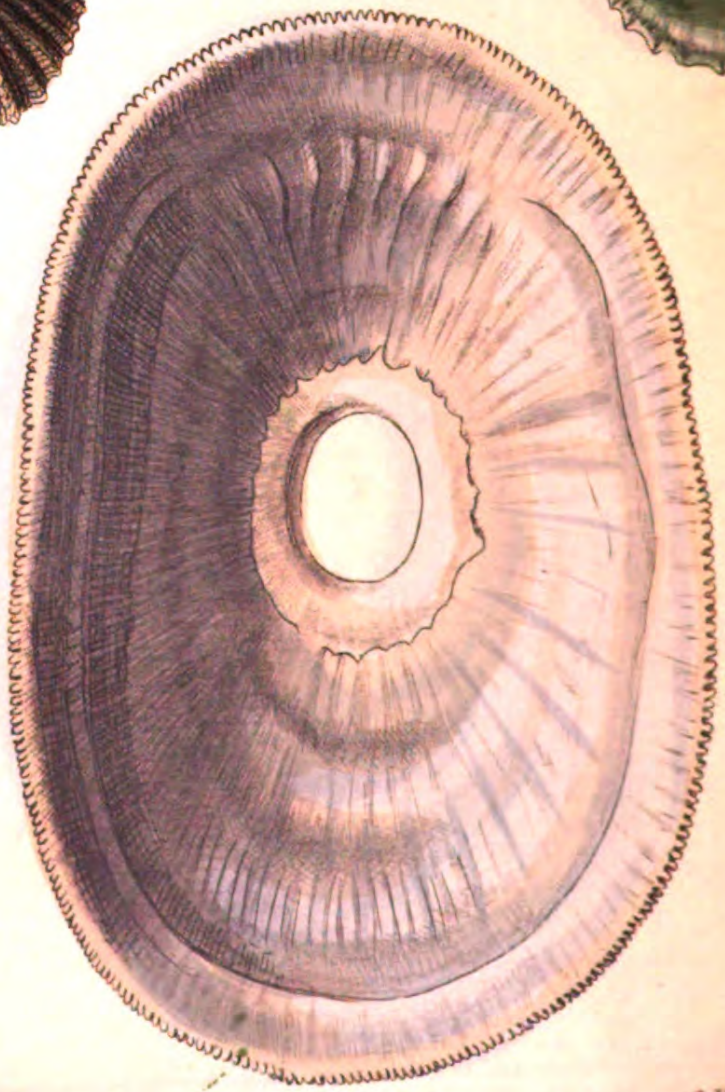

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G.B.S. jun. ex.

The following Fissurellæ are represented in the 72nd and 73rd Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 28 Fissurella costata *Gray*.
29 .. cancellata *nobis*.
30 .. mediterranea *Gray*.
31 .. crenulata *nobis*.
32 .. Pica *nobis*.
33 .. Pica var. nobis.
34 .. Scuttellum *Gray*.
35 .. subrostrata *Guilding*.
36 .. Chilensis *nobis*.
37 .. coarctata *King*.
38 .. crenulata *nobis*.
39 .. macroschisma.
39* .. macroschismas var.

January, 1835.


Fissurella
42
42**
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44
43

Fissurella.

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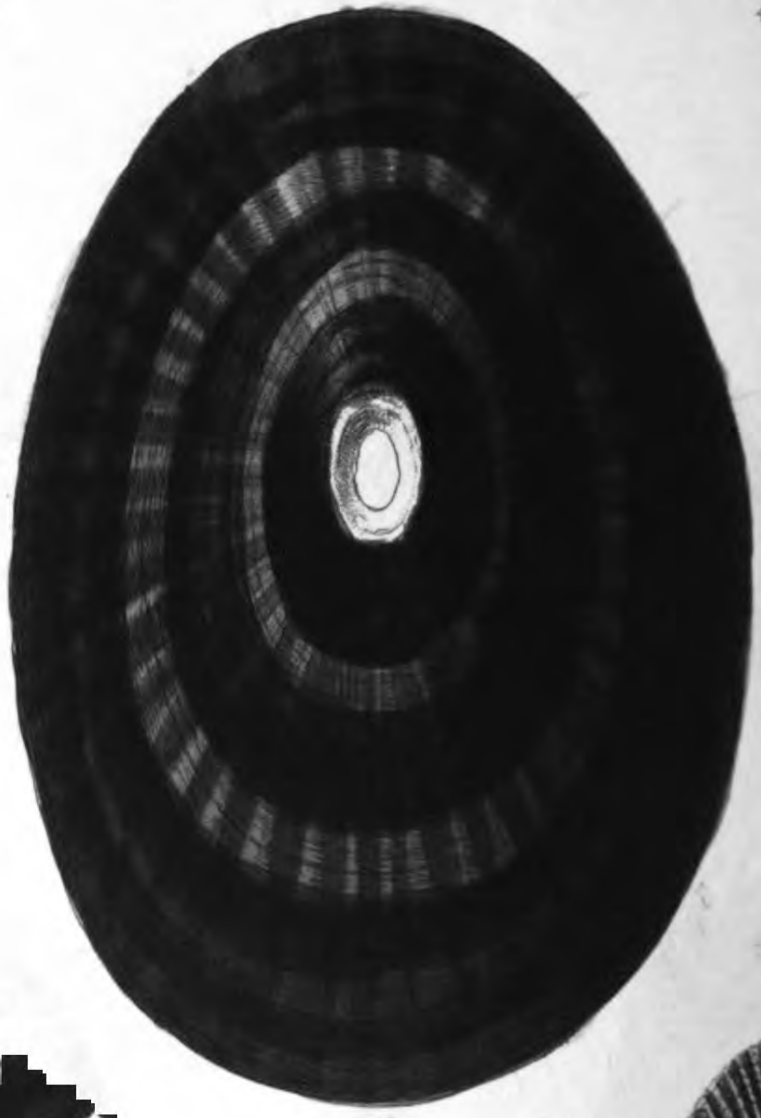

48

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51

The following Fissurellæ are represented in the 74th and 75th Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 40	Fissurella	Lincolni *Gray*.
41	..	macrotrema *nobis*.
41*	..	macrotrema var.
41**	..	macrotrema var.
42	..	limbata var. *nobis*.
43	..	europæa *nobis*.
44	..	affinis *Gray*.
45	..	inæqualis *nobis*.
46	..	asper *nobis*.
47	..	nigrita *nobis*.
48	..	grandis *nobis*.
49	..	fulvescens *nobis*.
50	..	microtrema *nobis*.
51	..	nigropunctata *nobis*.

January, 1835.

Pl. 16.

54

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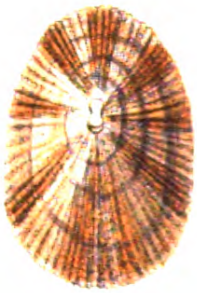

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G.B.Sjöman

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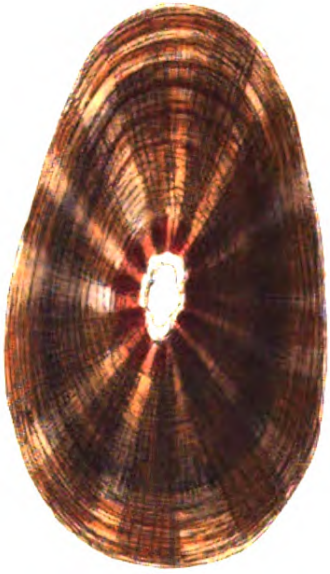

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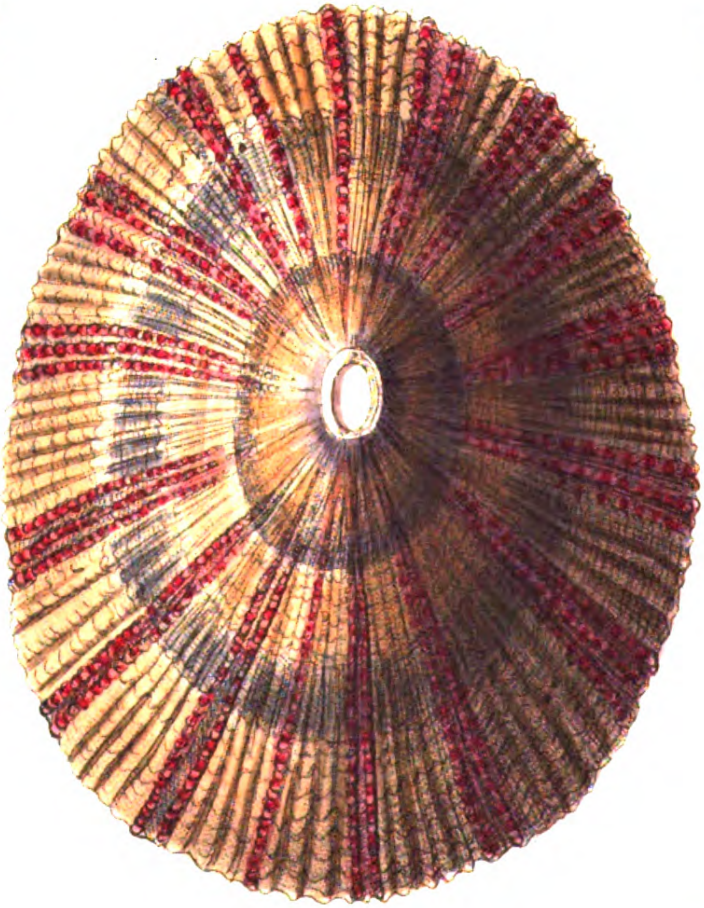


63

G.B.S. jun. del.

The following Fissurellæ are represented in the 76th and 77th Parts of the

Conchological Illustrations,

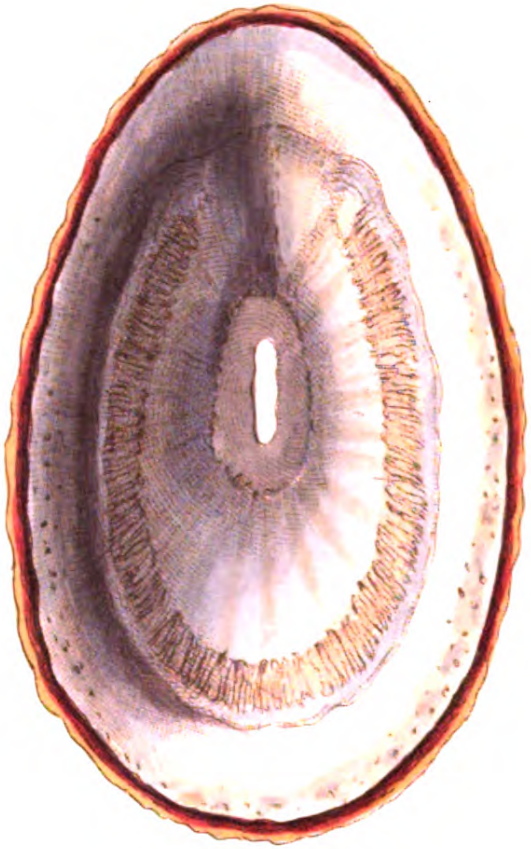
By G. B. SOWERBY, Jun.

Fig. 52	Fissurella biradiata *var.*	
53	....	sanguinea *nobis*
54	....	rugosa *nobis*
55	....	Chemnitzii *nobis*
56	....	æqualis *nobis*
57	....	olivacea *Gray*
58	....	candida *nobis*
59	....	obtusa *nobis*
60	....	oriens var. *nobis*
61	....	Mexicana *nobis*
62	....	radiata *Lam.*
63	....	Chilensis *nobis.*

Fissurella.

64

65



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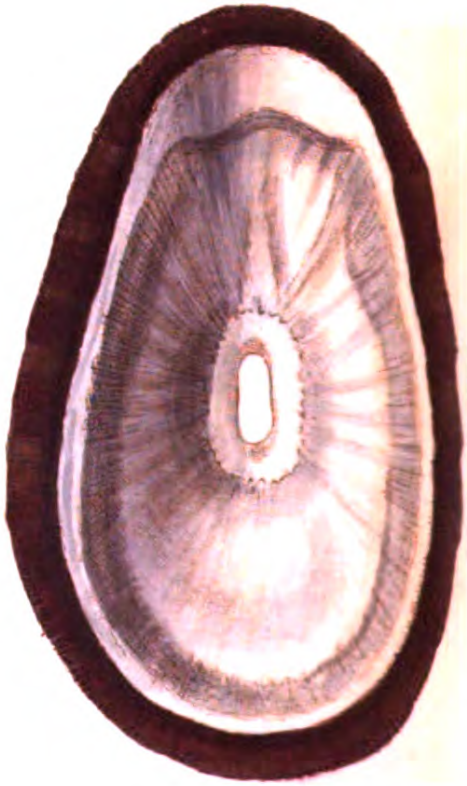

The following Fissurellæ are represented in the 78th Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 64 Fissurella radiata *Lam. var.*

65 ..... Roupellii *nobis*

66 ..... limbata *nobis*

67 ..... mutabilis *nobis*

68 ..... lineata *nobis*

69 ..... latimarginata *nobis.*

A complete Catalogue of Fissurellæ will be given in the 80th part, with figures of the remaining species.

25th May, 1835.

79.

Monoceros.

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1

3

1a

2

1

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G.B.S. jun. sc.

The following Monoceros are represented in the 79th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 1 Monoceros grande *Gray*

1*a* ..... its operculem

2 ..... citrinum *nobis*

3 ..... punctulatum *Gray*

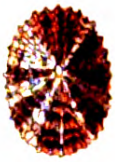
4 ..... brevidentatum *Gray*

25th May, 1835.

Fissurella.

70

71



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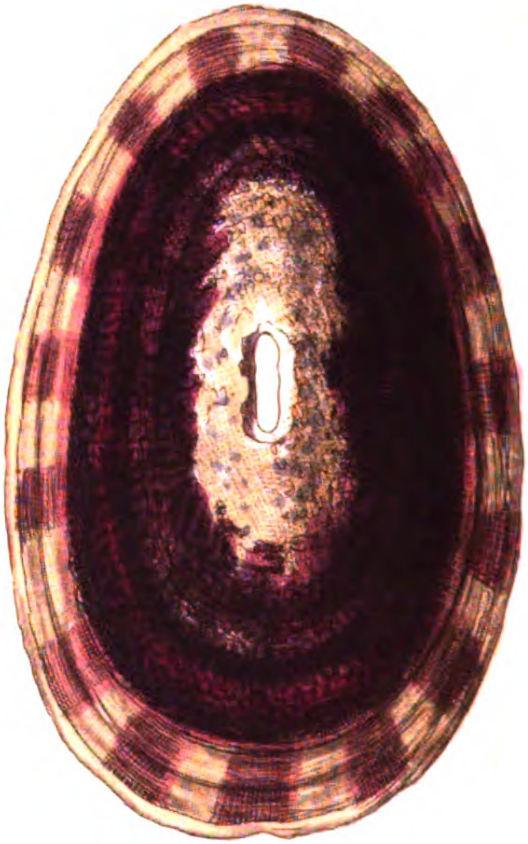

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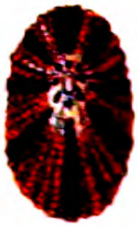
72*



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G.B. fec.

The following Fissurellæ are represented in the 80th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 70 Fissurella mutabilis *var.*

71 ..... asperella *nobis.*

72 ..... Panamensis *nobis.*

72* ..... Panamensis *var.*

73 ..... crenifera *nobis.*

74 ..... limbata *nobis.*

75 ..... Ruppellii *nobis.* Red Sea.

76 ..... Barbadensis *var.*

77 ..... Clypeus *nobis.*

30th June, 1835.

A CATALOGUE

OF THE

RECENT SPECIES OF FISSURELLA,

BY G. B. SOWERBY.

---

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 virescens 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. Barbadensis, 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. ***Pupillæa 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, *mihi*, Genera of Shells, No. xxi. f. 4. Conch. Illust. f. 19, 21.

21 —— maxima, *mihi*, Zool. Proc.* p. 123. Conch. Illust. f. 18, Valparaiso, Mr. Cuming.

22 —— grandis, *mihi*, Zool. Proc. p. 123. Conch. Illust. f. 48, Valparaiso and Chiloe, Mr. Cuming.

23 —— limbata, *mihi*, Zool. Proc. p. 123. Conch. Illust. f. 66, 74. var. f. 42, Syn. *F. picta, mihi*, 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 *mihi*, Zool. Proc. p. 124. Conch. Illust. f. 63,† St. Mary's Island, Chili, Mr. Cuming.

26 —— pulchra, *mihi*, Zool. Proc. p. 124. Conch. Illust. f. 24, Valparaiso, Mr. Cuming.

27 —— oriens, *mihi*, Zool. Proc. p. 124. Conch. Illust. f. 25, var. f. 60, Island of Chiloe, Mr. Cuming.

28 —— Chilensis, *mihi*, Zool. Proc. p. 124. Conch. Illust. f. 36, Valparaiso, Mr. Cuming.

29 —— obscura, *mihi*, Zool. Proc. p. 125. Conch. Illust. f. 27, Gallapagos Islands, Mr. Cuming.

30 —— coarctata, *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. Ilust. f. 41, Gallapagos and Real Llejos, 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. Vincents.

39 —— microtrema, *mihi*, Zool. Proc. p. 125. Conch. Illust. f. 50, Real Llejos, 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.

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. 1. 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 Iquiqui, Mr. Cuming.

49 —— 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, Peru, 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. f. 72,* Panama, Mr. Cuming.

56 —— Ruppellii, *mihi*, Zool. Proc. p. 128. Conch. Illust. f. 65, 75, Nevis, *Mr. Powers*; Red Sea, *Rüppell.*

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 this 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 decussting 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 Fissurella rugosa, *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. 128. Conch. Illust. f. 73, Real Llejos, Mr. Cuming.

81.

Monoceros

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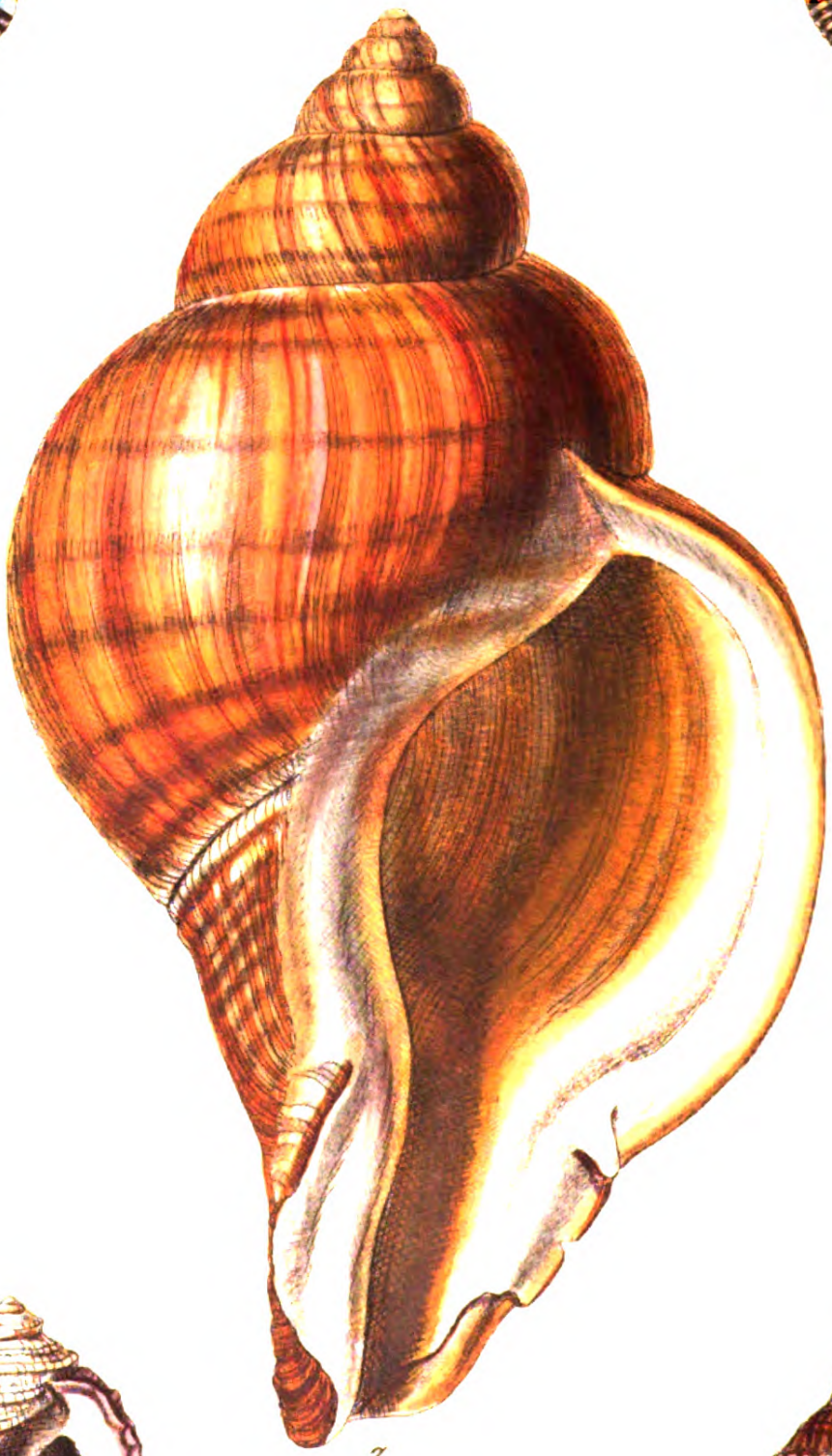

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The following Monoceros are represented in the 81st Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 5 Monoceros unicarinatum *nobis.*

6 ..... costatum *nobis.*

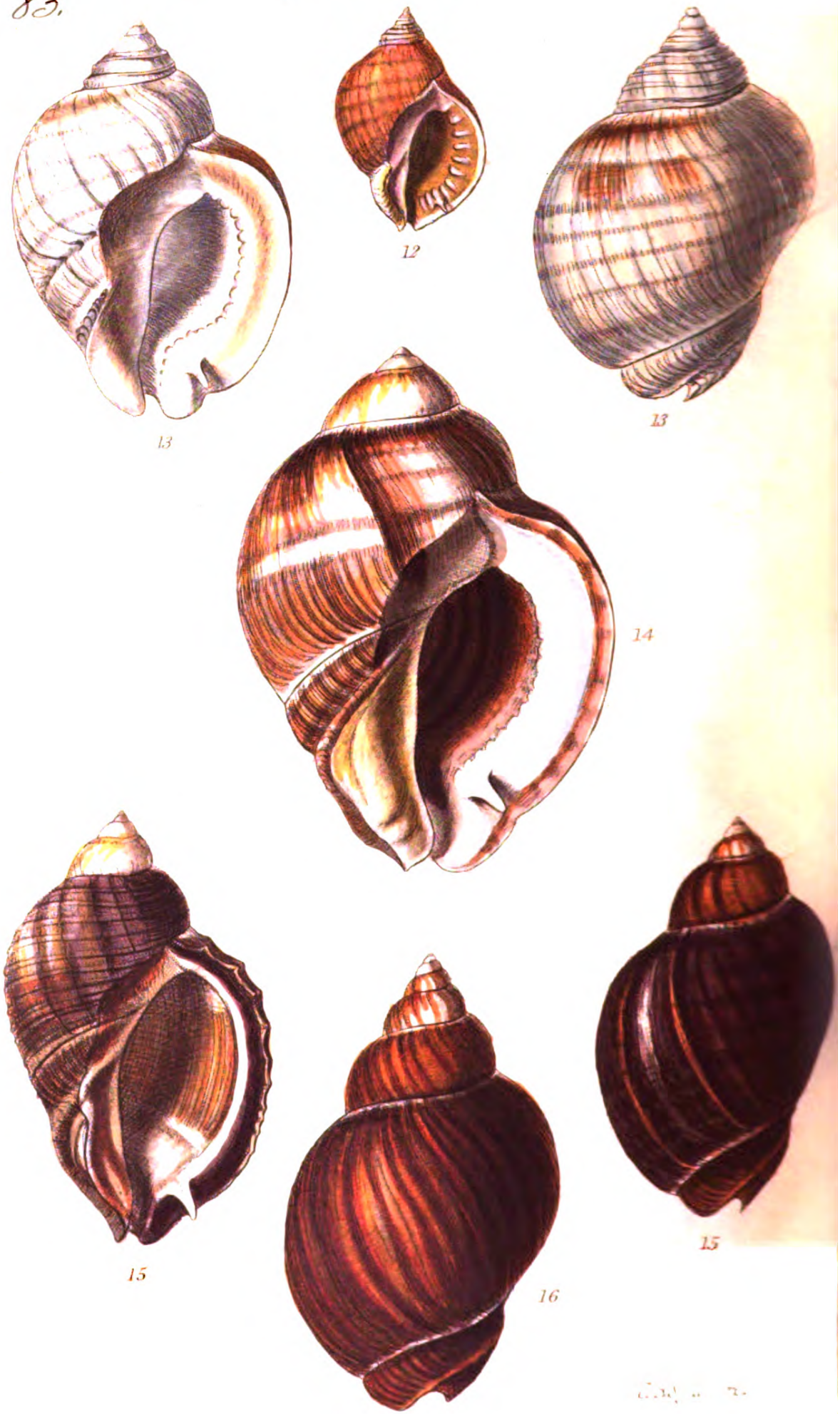
7 ..... Fusoides *King.*

30th June, 1835.

82.

Monoceros.

83.



The following Monoceros are represented in the 82nd and 83rd Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 8 Monoceros Globulus *Nobis.*

9 ——— tuberculatum *Gray.*

10 ——— acuminatum *nobis.*

11 ——— cymatum *nobis.*

12 ——— citrinum *nobis, var.*

13 ——— crassilabrum *var.*

14 ——— crassilabrum *Lam.*

15 ——— imbricatum *var.*

16 ——— glabratum *Lam. var.*

25th July, 1835.

A CATALOGUE

OF ALL THE RECENT SPECIES HITHERTO KNOWN OF THE GENUS

Monoceros,

OF LAMARCK.

Spec. 1 Mon. cingulatum *Lam.* Hist. Nat. des anim. sans vert. Encycl. meth. t. 396. f. 4. *Sowerby*, Genera of Recent and Fossil Shells, No. 5, Monoceros, f. 4. Panama.

2 Mon. imbricatum *Lam.* l. c. Encycl. meth. t. 396. f. 1. *Sowerby*, l. c. Monoceros, f, 1. Tierra del Fuego.

——— var. Conch. Illustr. f. 15.

3 Mon. striatum *Lam.* l. c. Encycl. meth. t. 396. f. 3. M. breve *Sowerby*, l. c. Monoceros f. 2. Tierra del Fuego.

4 Mon. glabratum *Lam.* l. c. Encycl. meth. t. 396. f. 5.

——— var. Conch. Illustr. f. 16.

5 Mon. crassilabrum *Lam.* l. c. Encycl. meth. t. 396. f. 2. Conch. Illustr. f. 14.

——— var. Conch. Illustr. f. 13. Valparaiso.

6 Mon. cymatum, *Sowerby*, Tank. Cat. No. 1888. Zool. Proc. Buccm. cymatum, *Solander*. M.S. ined. Monoceros lugubre, *Sowerby*. Genera, No. 5. Monoceros f. 3. Wood Supplement. Tab. 4. Buccinum, f. 11-12. Conch. Illustr. f. 11. California.

7 Mon. grande *Gray*, in Beechey's Narrative. Conch Illustr. f. 1. operculum 1. a. Galapagos.

8 Mon. costatum, *Sowerby*, Zool. Proc. Conch. Illustr. f. 6. Chili (Conception.)

9 Mon. acuminatum, *Sowerby*, Zool. Proc. Conch. Illustr. f. 10. Chili (Baldivia.)

10 Mon. Globulus, *Sowerby*, Zool. Proc. Conch. Illustr, f. 8. Chili (Maulé.)

11 Mon. citrinum, *Sowerby*, Zool. Proc. Conch. Illustr. f. 2. var. Conch. Illustr. f. 12. Coquimbo.

12 Mon. brevidentatum, *Gray*, in Beechey's Narrative. Woods Index testaceologicus, Supt. t. 4. Buccinum, f. 10. Conch. Illustr. f. 4. Purpura cornigera, De Blainville Annales du Museum, Monographie des Pourpres t. 9. f. 4.

13 Mon. punctulatum, *Gray*, in Beechey's Narrative. Conch. Illustr. f. 3.

14 Mon. unicarinatum, *Sowerby*. Conch. Illustr. f. 5.

15 Mon. tuberculatum, *Gray*. Conch. Illustr. f. 9.

16 Mon. fusoides, *King*, Zool. Journ. V. p. 348. Conch. Illustr. f. 7.

Ranella.

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85.

Ranella.

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The following Ranellæ are represented in the 84th and 85th Parts of the

Conchological Illustrations

By G. B. SOWERBY, Jun.

Fig. 1, 1* } Ranella pusilla, *Brod.*

2 ..... pyramidalis *Brod.*

3 ..... Vexillum *Cuming*

4 ..... nitida *Brod.*

5, 5* } ..... cruentata *nobis*

6 ....nana *Brod.*

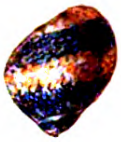
7 ..... rugosa *nobis*

8 ..... cælata *Brod.*

15th September, 1835.

86.

Neritina



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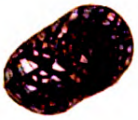

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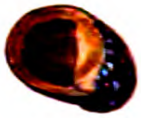

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G.B.S. jun.r del.

87.

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G.B.S. junr. ex.

The following Neritinæ are represented in the 86th and 87th Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 1 Neritina picta *mihi*.

2 ..... reticulata *mihi*.

3 ..... latissima *Brod*.

4 ..... strigilata *Lam*.

5 ..... Caffra *Gray*. Sandwich Islands.

6 ..... granosa *mihi*.

7 ..... intermedia *mihi*.

8 ..... } brevispinosa, several stages of growth and varieties, with and without spines.

8 a. b. c. d. e. }

29th September, 1835.

Ranella.

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89.

Ranella.

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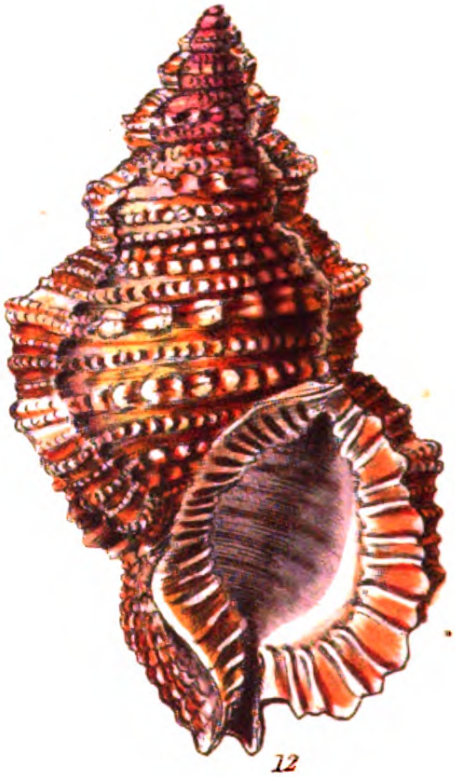

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The following Ranellæ are represented in the 88th and 89th Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 9 Ranella crumena *Lam.*

10 ..... rhodostoma *Beck.*

11 . .... muriciformis *Brod.*

11*..... muriciformis *var.*

12 ..... affinis *Brod.*

13 ..... tuberculata *Brod.*

14 ..... pulchra *nobis.*

15 ..... lævigata *Lam.*

90.

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91.

Neritina.

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G.B.Sowerby

The following Neritinæ are represented in the 90th and 91st Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 9 Neritina spinosa, *Budgin.*

10 ..... Faba, *mihi,* Singapore.

11 ..... dilatata, *Brod.*

12 ..... globosa, *Brod.*

13 ..... Afra, *mihi,* Fernando Po.

14 ..... subgranosa.

15 ..... Oweniana, *Gray.*

16 ..... latissima, *Brod.* var.

17 ..... auriculata, *Lam.*

18 ..... piperita, *Chemn.*

January 1st, 1836.

Ranella.

93.

Ranella.

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The following Ranellæ are represented in the 92nd and 93rd Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

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16 Ranella Ventricosa *Brod.*

17 ..... elegans *Beck.*

18 ..... subgranosa *Beck.*

19 ..... pulchra *Gray.*

20 ..... verrucosa *mihi.*

21 ..... scrobiculator, *var.*

22 ..... neglecta *mihi.*

January, 1836.

Nerita

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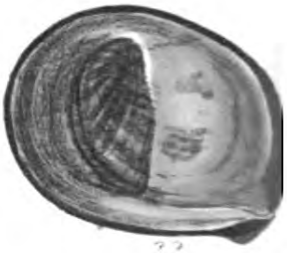

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95.

Neritina

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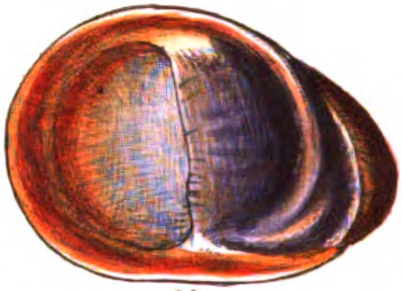

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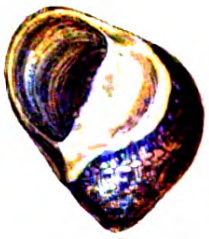

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G. B. N. Jun.

The following Neritinæ are represented in the 94th and 95th Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 19 Neritina meleagris *Lam.* 3 *var.*

20 ..... Corona *Lam.*

21 ..... punctulata *Lam.*

22 ..... Canalis *mihi.*

23 ..... semiconica *Lam.*

24 ..... viridis *Lam.* 2 *var.*

25 ..... Crepidularia *Lam.*

26 ..... pulligera *Lam.*

27 ..... virginea *Lam.* 6 *var.*

30th March, 1836.

96.

Neritina

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Neritina


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The following Neritinæ are represented in the 96th and 97th Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 28 Neritina dubria *Lam.*

29.....gagates *Lam.*

30. .....Pupa; *Nerita Pupa Dilleo.*

31..... ..Zebra *Lam.*

32. .....strigilata *Lam.* var.

33.....fluviatilis.

34.....chlorostoma *mihi.*

35.....fasciata *Lam.*

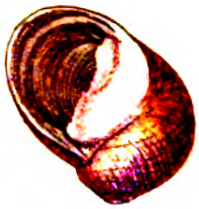
36. .....Smithii *Gray.*

37.....lineolata *Lam.*

38..... lugubris *Lam.*

May 2nd 1836.

98.



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Nertina

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The following Neritinæ are represented in the 98th and 99th Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 39 Neritina Nux *Brod.*

40 ..... Morio *Sowerby.*

41 ..... ziczac *Lam.*

42 ..... Domingensis *Lam.*

43 ..... obtusa *Benson.* Hoogly river.

44 ..... reticularis *Sowerby.* (N. reticulata *Benson* in Journal of Asiatic Society of Bengal)

45 ..... Bœtica *De Fer.*

46 ..... Prevostiana *De Fer.*

47 ..... Danubialis *Sadler.*

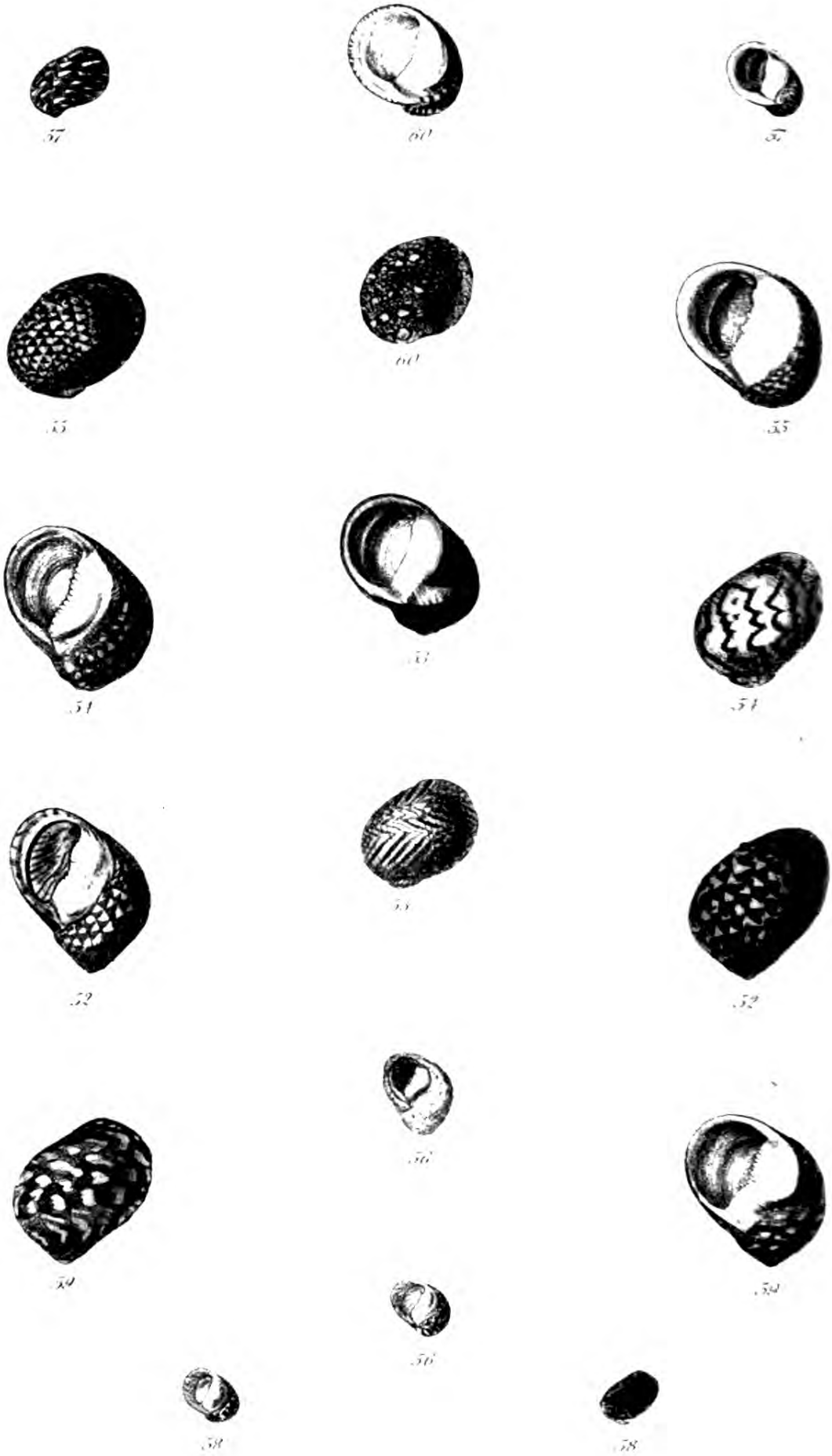
48 ..... labiosa *mihi.*

49 ..... Jordani *Butler.* 3 varieties.

50 ..... subsulcata *mihi.*

51 ..... Caffra *Gray.* Fernando Po.

May 15th, 1836.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The following Neritinæ are represented in the 100th Part of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 52 Neritina Coromandeliana *nobis.*

53 ——— Phillippinarum *nobis.* 2 var.

54 ——— Sumatrensis *nobis.* 3 var.

55 ——— Cassiculum *nobis.*

56 ——— lutescens *Muhlf.* Cephalonia.

37 ——— Dalmatica *Parr.*

58 ——— rivalis *Parr.*

59 ——— pulchra *nobis.*

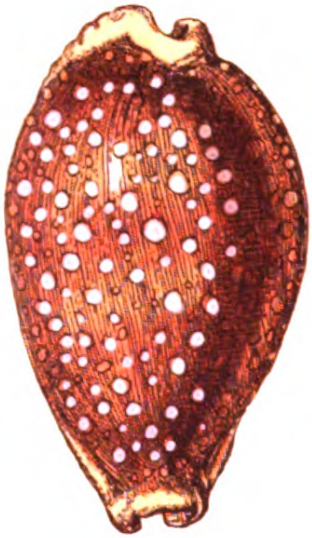
60 ——— triserialis *nobis.*

30th June, 1836.

101.

Cypræa.

63



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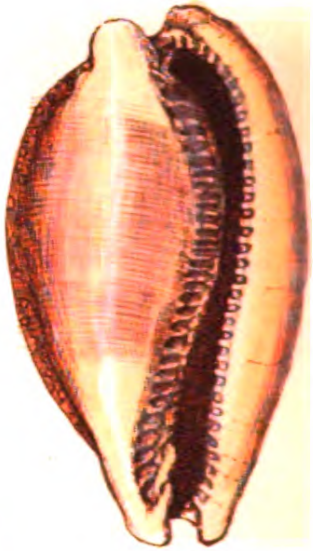

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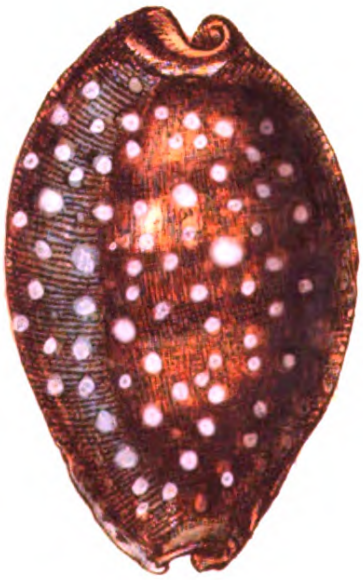

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The following Cyprææ are represented in the 101st and 102nd Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 63 Cypræa cribraria, two views
64 ——— melanostoma, two views
65 ——— melanostoma var.
66 ——— Vitellus, two views
67 ——— ocellata, two views
68 ——— poraria, two views
69 ——— Childreni,* two views
70 ——— Mappa var. from the Southern Pacific Ocean.
71 ——— pustulata, two views.

30th July, 1836.

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*Accidentally omitted in the Catalogue of recent species of Cypræadæ.

Cypræa.

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Cypræa.

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The following Cyprææ are represented in the 103rd and 104th Parts of the

Conchological Illustrations,

By G B. SOWERBY, Jun.

Fig. 72 Cypræa Pyrum, two views.

73 ..... Achatina, two views.

74 ..... pulchella, two views.

75 ..... arenosa, two views.

76 ..... pallida, two views.

77 .. ... arabicula, two views.

78 ..... Globulus, two views.

79 ..... zonata *Gray*, two views.

31st August, 1836.

105.

Cypræa.

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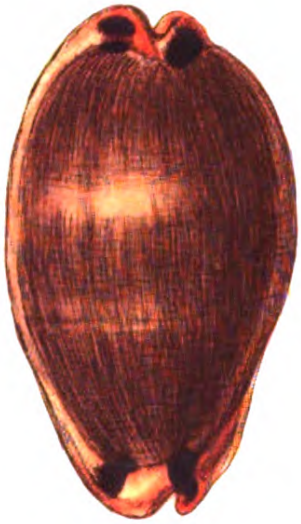

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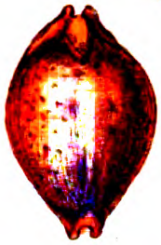
106.

Cypræa.



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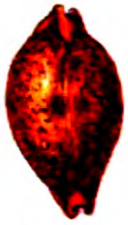

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The following Cyprææ are represented in the 105th and 106th Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 80 Cypræa Histrio

81 ——— spurca

82 ——— lurida

83 ——— staphylæa

84 ——— Cicercula

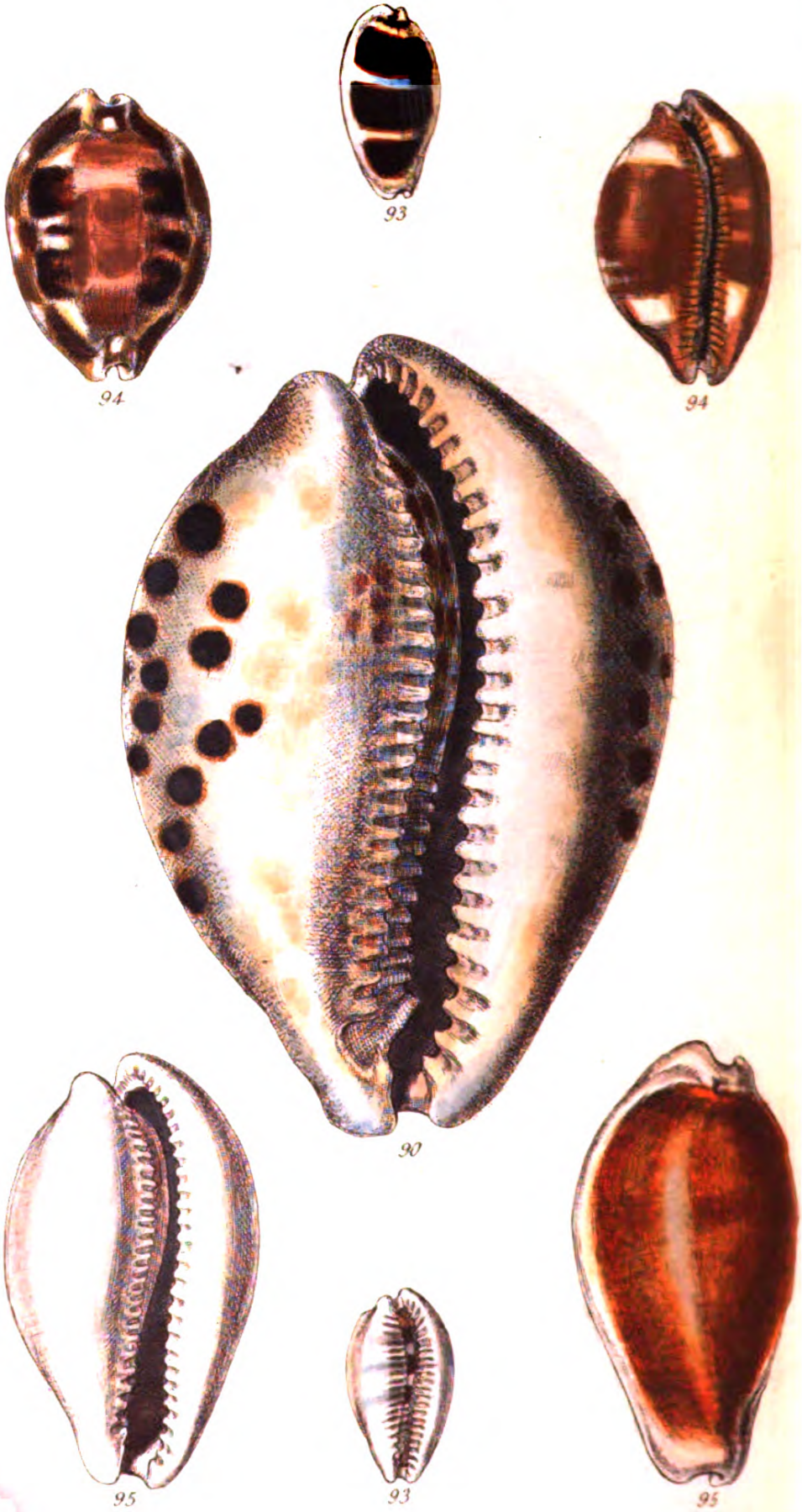
85 ——— arabica

86 ——— Nucleus

87 ——— clandestina.

31st October, 1836.

Cypræa



The following Cyprææ are represented in the 107th and 108th Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 88 Cypræa quadrimaculata, two views.
89 ..... quadrimaculata, *var.*
90 ..... Tigris, two views.
91 . .... stolida, two views.
92 ..... stolida, *var.*
93 ..... Asellus, two views.
94 ..... tessellata, two views.
95 ..... spadicea, two views.

31st October, 1836.

Cypræa.

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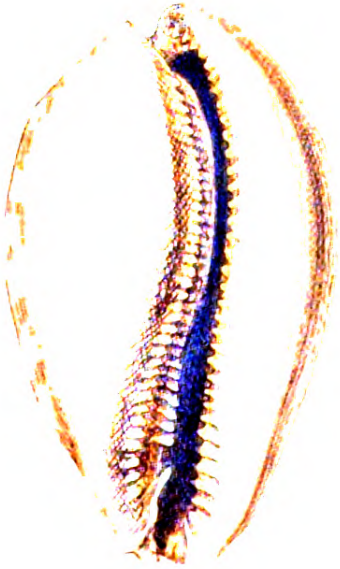

100

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Cypræa.

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G.B.S. jun. del.

The following Cyprææ are represented in the 109th and 110th Parts of the

Conchological Illustrations,

By G. B SOWERBY, Jun.

Fig. 96 Cypræa Lamarckii *var.* alba.
97 ..... Beckii *Gaskoin.*
98 ..... Isabella.
99 ..... Mappa *var.*
100..... nivosa *Brod.*
101..... cylindrica.
102..... albuginosa.
103... .. Indica *var.*
104..... spurca.

30th November, 1836.


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Cypræa.

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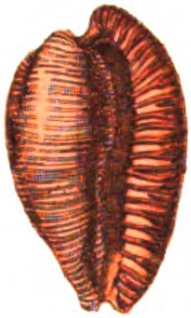

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G.B.S. Jun. ex.

The following Cyprææ are represented in the 111 and 112 Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 105. Cypræa angustata and var. three figures.

106 ——— Scurra, two views.

107 ——— Lynx, two views.

108 ——— sanguinolenta, two views.

109 ——— undata, two views.

110 ——— sulcidentata, two views.

111 ——— Capensis, two views.

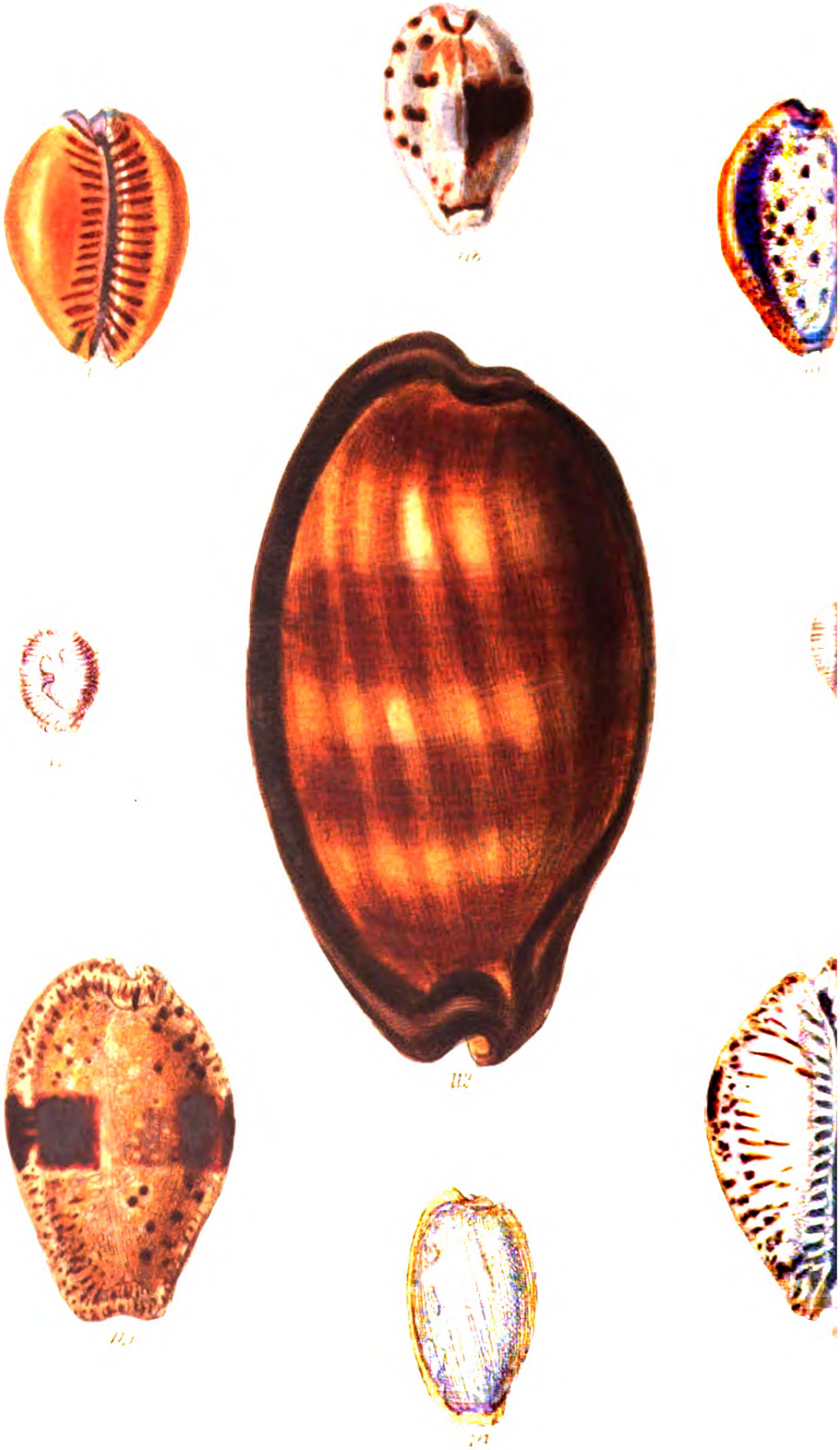
112 ——— cruentata, two views.

31st December, 1836.

113.

Cypræa

G.B.S. Jun'18



The following Cyprææ are represented in the 113 and 114 Parts of the

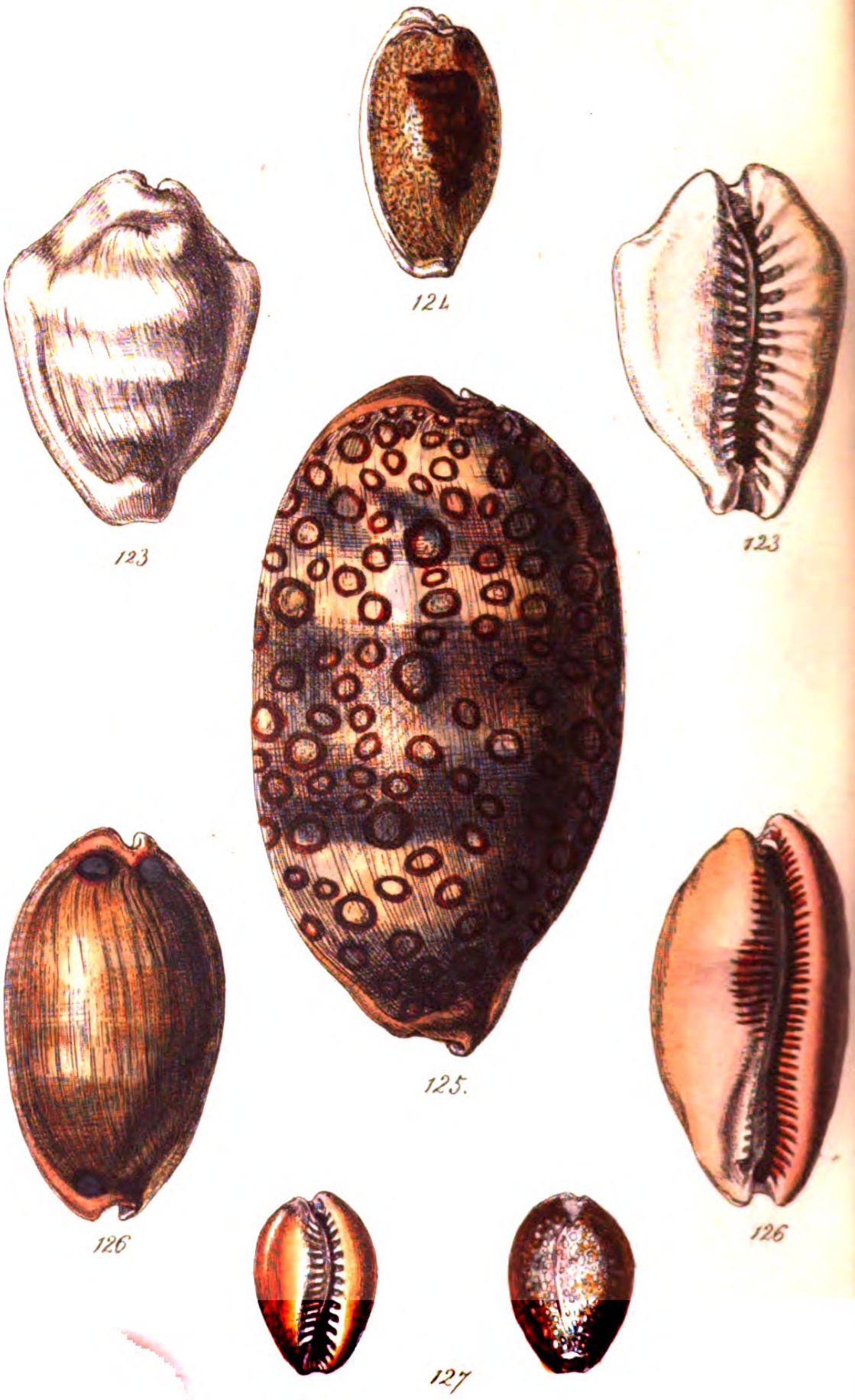
Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 113 Cypræa Talpa, two views.
114 ——— Listeri, two views.
115 ——— Annulus, two views.
116 ——— Madegascariensis, two views.
117 ——— punctata, two views.
118 ——— Lynx, *var.*
119 ——— erosa *var.* two views.
120 ——— vesicularis *Gask.* two views.
121 ——— Helvola, two views.
122 ——— citrina *var.*

15th January, 1837.

Cypræa.



Cypræa

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The following Cyprææ are represented in the 115 and 116 Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 123 Cypræa Moneta, 2 views.

124 ..... errones var.

125 ..... Argus, two views.

126 ..... pulchra Gray

127 ..... Caput-Serpentis var. two views

128 ..... errones var.

129 ..... errones, two views.

130 .. ... Moneta var.

131 ..... Caput-Serpentis two views.

132 ..... errones var.

March 1st, 1837.

117.

Cypræa

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~~123~~
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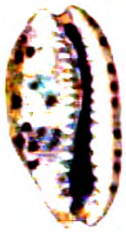

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G B d fec

118.

Cypræa

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138

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140

~~130~~
140

The following Cyprææ are represented in the 117 and 118 Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 133 ~~123~~ Cypræa adusta, two views

134 ~~124~~ ..... Pantherina *var.* two views

135 ~~125~~ ..... Felina *var.* two views

136 ~~126~~ ..... controversa, two views

137 ~~127~~ ..... Felina, two views

138 ~~128~~ ..... fimbriata *var.* two views

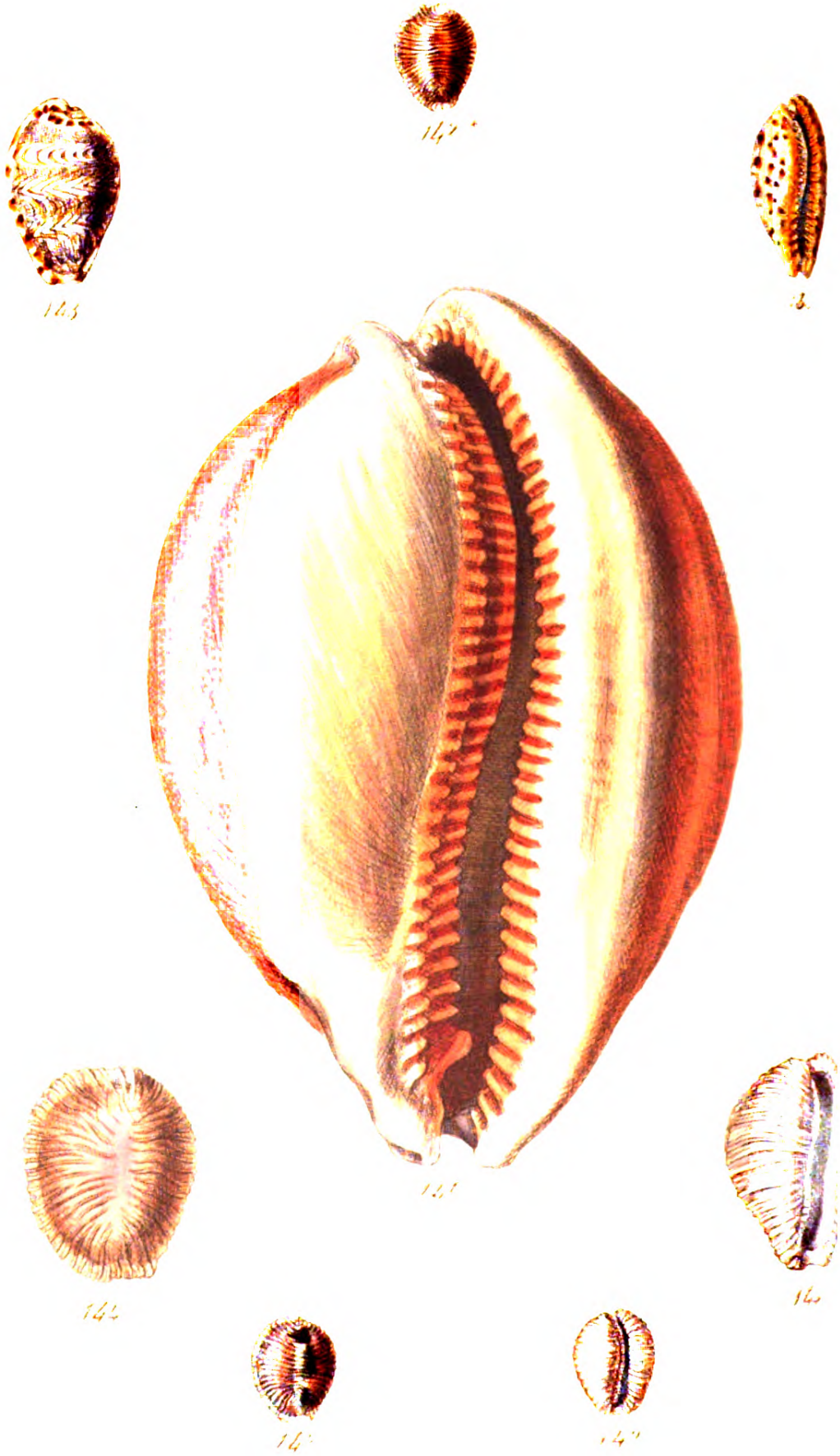
139 ~~129~~ ..... lentiginosa, two views

140 ~~130~~ ..... fimbriata, two views.

March 31st 1837.

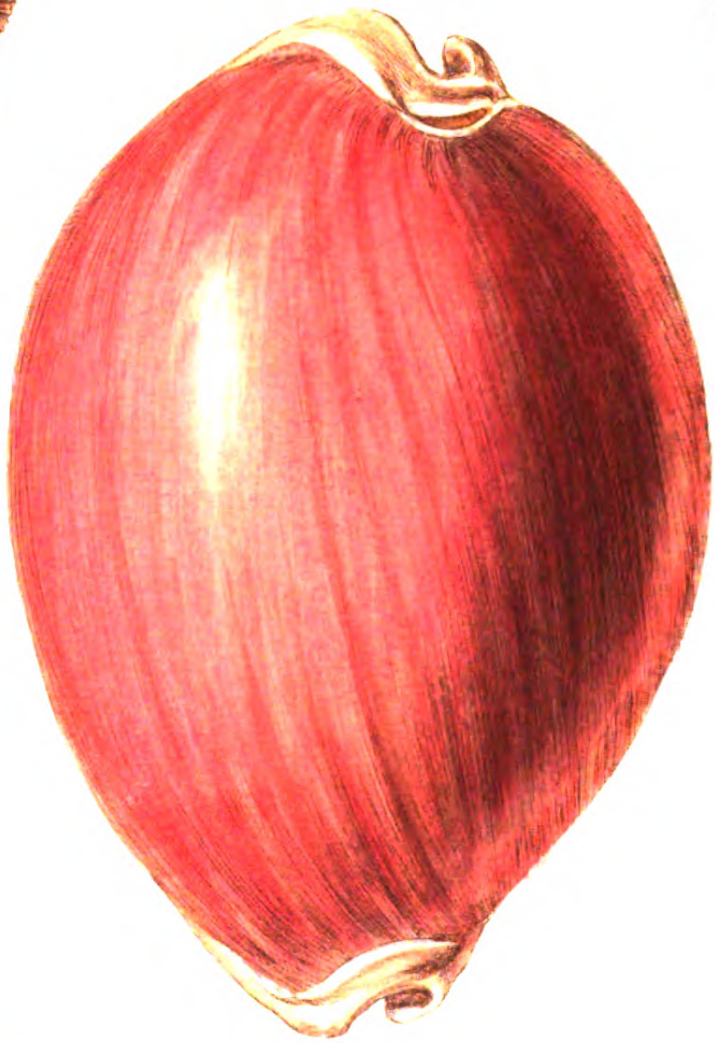
119.

Cypræa



Cypræa

145.



148.

The following Cyprææ are represented in the 119 and 120 Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 141 Cypræa Aurora, two views.

142 ..... europæa, two views.

142* ..... europæa var.

143 ..... Ziczac, two views.

144 ..... aperta, two views.

145 ..... ovulata, two views.

146 ..... radians, two views.

147 ..... carnea, two views.

148 ..... Pediculus, two views.

May 1st 1837.

121.

Cypræa

G.B. f. fu

122.

Cypræa

The following Cyprææ are represented in the 121 and 122 Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 149 Cypræa candidula *Gask.* two views.

150 ——— rubinicolor. *Gask.* two views.

151 ——— formosa. *Gask.* two views.

152 ——— testudinaria. two views.

153 ——— labiosa. *Gask.* two views.

154 ——— vesicularis. *Gask.* two views.

155 ——— producta. *Gask.* two views.

Obs. All the Species contained in these two parts, except testudinaria, are new. (See Gaskoin, in Zoological Proceedings, 1836.) They are not included in the Catalogue published in the early part of this work.

N.B. G. B. S. Jun. is sorry to observe, that the numerical figures in the plates and lists of parts 117 and 118 are incorrect. Instead of fig. 123 to 130, they should be fig. 133 to 140. Persons possessing incorrect copies, may have them exchanged by applying to G. B. S. Jun. for the purpose.

May 31st, 1837.

122. Cypraea

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Fig. [illegible]

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Obs. [illegible]

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Cypræa

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157

The following Cyprææ are represented in the 123 and 124 Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 156 Cypræ Mus two views.

157 .... Mus var.? two views.

158 .... Caurica, two views.

159 .... Caurica var.

160 .... Caurica var. two views.

161 .... erythræensis *Beck*, two views.

162 .... picta, two views.

30th June, 1837.

Cypræa

165

163

165

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167

Cypræa

165

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166

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168

The following Cyprææ are represented in the 125th and 126th Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 163 Cypræa cinerea, two views.

164 ..... Mauritiana, two views.

165 ..... carneola, two views.

166 ..... arabica, var. reticulata, two views.

167 ..... stercoraria, two views.

168 ..... Pantherina, two views.

15th July, 1837.

127.

Cypræa.

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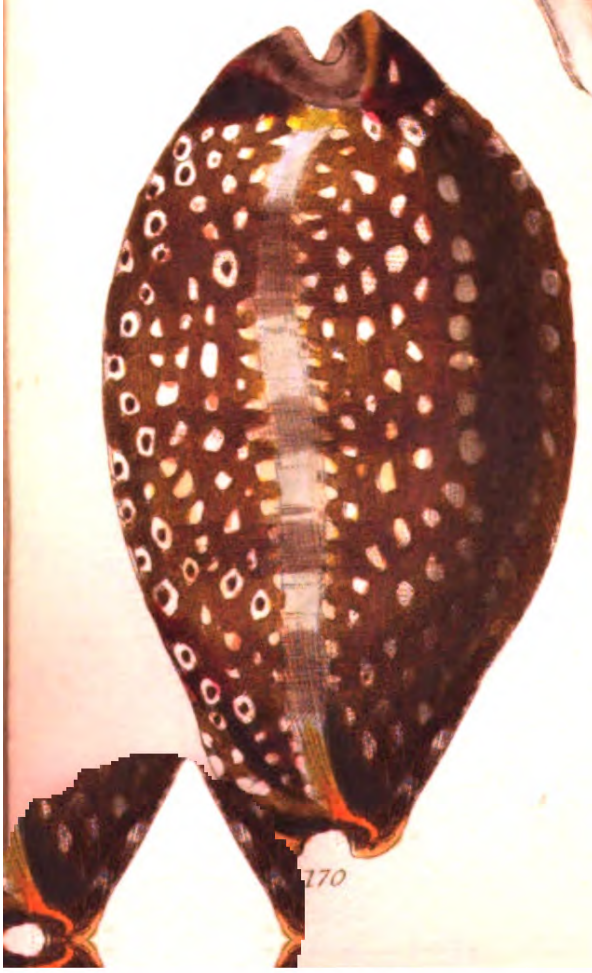

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128.

Cypræa

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G.B.S. pinx. del.

The following Cyprææ are represented in the 127th and 128th Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 169 Cypræa Pantherina *var.* umbilicata, two views.

170 ——— exanthema, two views.

171 ——— erosa, two views.

172 ——— erosa *var.*

173 ——— Turdus, two views.

174 ——— Hirundo, two views.

September 1st, 1837.

129.

Cypræa.

175

176

130.

Cypræa.

175

177

The following Cyprææ are represented in the 129th and 130th parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 175 Cypræa Cervus, two views.

176 ..... Guttata, two views.

177 ..... Leucodon, Sow. side view.

(Another view to be given in next part.)

G. B. S. Jun., regrets exceedingly that having no present means of access to the only Specimens of the two latter Species, he has been under the necessity of copying the figures from the Zoological Journal.

October 31*st*, 1837.

Cypraea

INDEX

TO

THE CYPRÆIDÆ,

Contained in Parts 1 *to* 8, *and* 101 *to* 131, *inclusive.*

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* It should be placed next to C. Nucleus. Sp. 41.

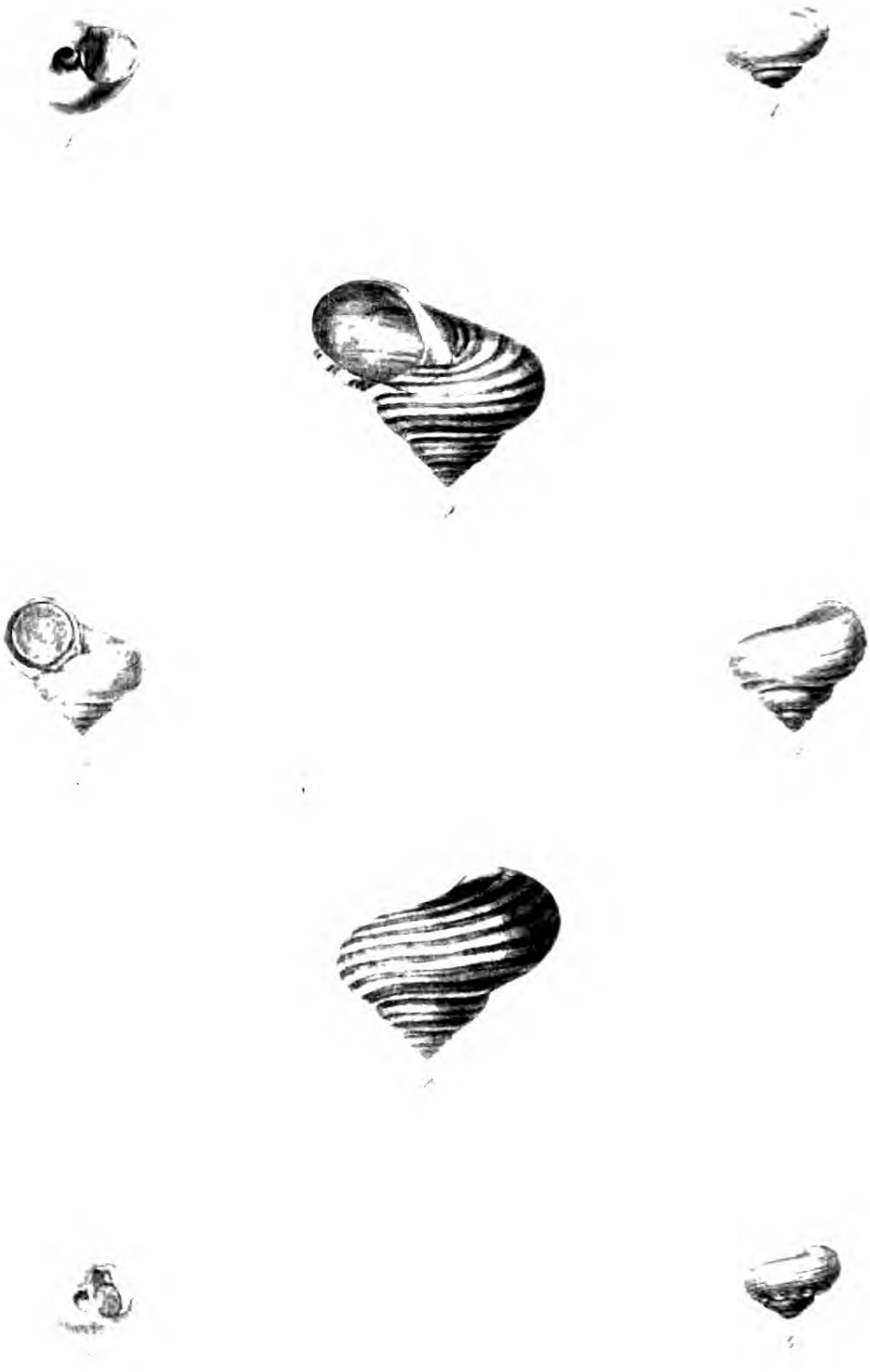
N.B. Parts 1 to 8, and 101 to 131, inclusive, will be found to contain a complete illustrated monograph of the Genus Cypræa.

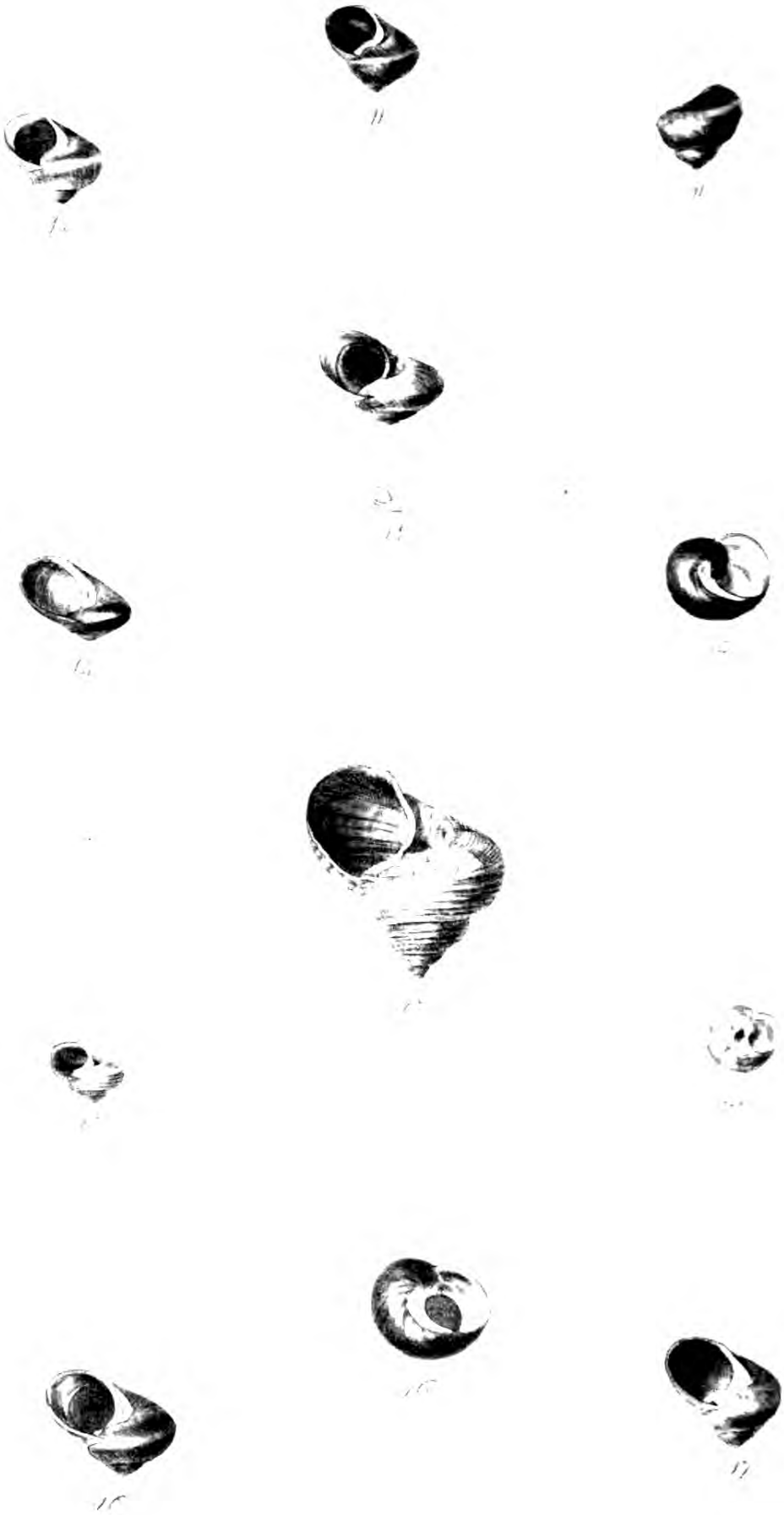
The List published with each separate Part may now be cancelled.

15*th Nov.* 1837.

George Odell, Printer, 18, Princes-street, Oxford-street.

Margarita

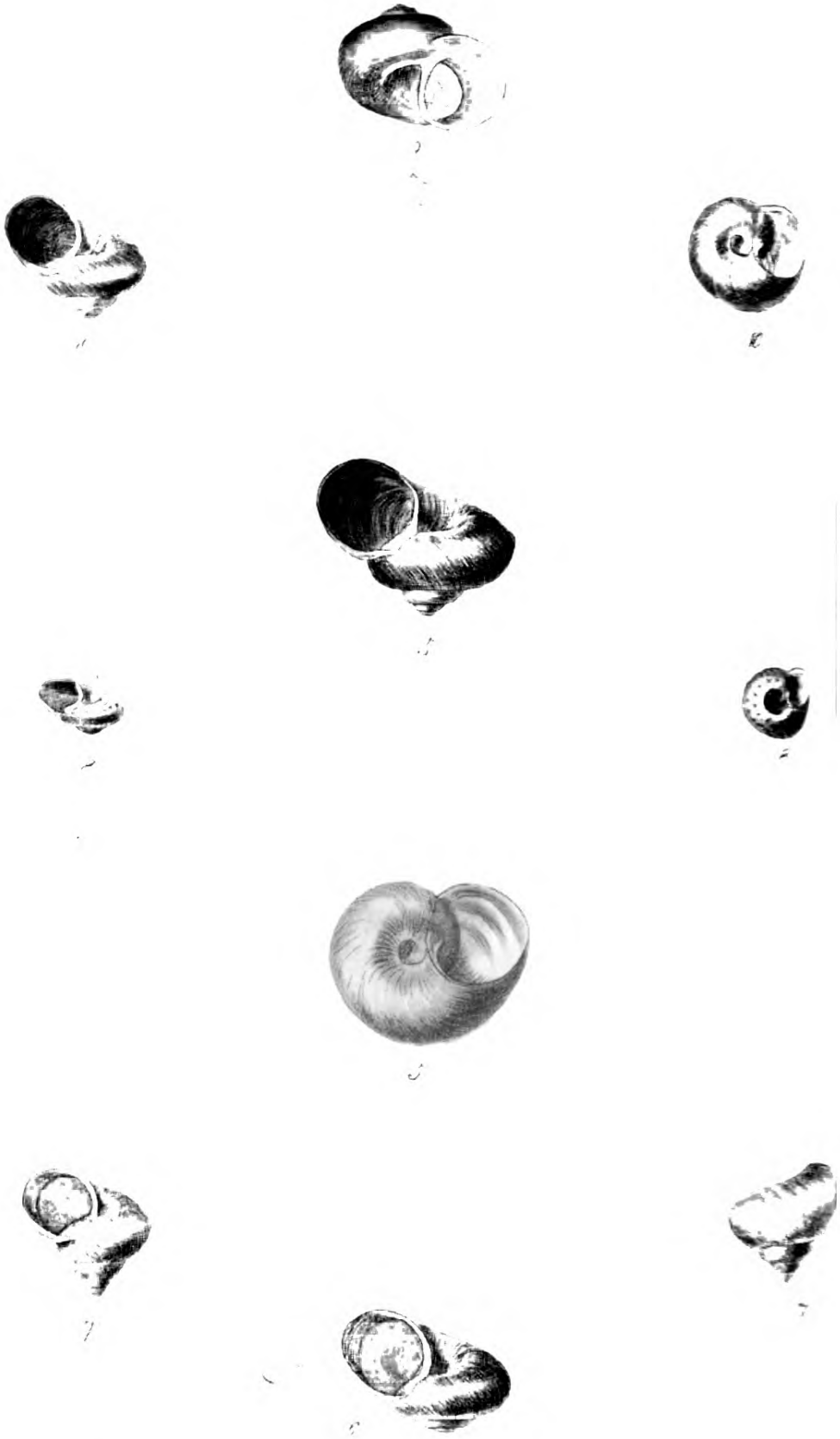




133.

134.

Margarita



A CATALOGUE

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

Represented in the 132*nd*, 133*rd*, *and* 134*th 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. ——— græulandica, *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. ——— acuminata, *Sowerby*, in Malacol. and Conchol. Mag. p. 26. Conch. Ill. f. 7.

15. ——— Solariiformis, *Sowerby*, in Malacol. and Conchol. Mag. p. 26. Conch Ill. f. 8.

135.

Chilina

135 fig. 11.

Chilina

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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.


61
59
62
62
61
61
61

The following Bulini are represented in the 137th and 138th Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 59 Bulinus Mahogani *nobis.*

60 ——— Crichtoni *Brod.* two views.

61 ——— inflatus *Brod.* three views.

62 ——— hygrohylæus *D'Orb.* two views.

63 ——— maximus *Sowerby, in Tank. Cat.*
Helix kremnoica *D'Orb.* one view.

64 ——— apodemetes *D'Orb.* two views.

64* ——— apodemetes *var.* one view.

65 ——— lophoicus *D'Orb.* Bolivia.

66 ——— Pusio *Brod.*

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Buccinum

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The following Bulini are represented in the 139th and 140th Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 67 Bulinus Inca *D'Orb.*

68 ..... pæcilus *D'Orb.*

69 ..... pæcilus var. *D'Orb.*

70 ..... thamnoicus var. *D'Orb.*

71 ..... thamnoicus var. *D'Orb:* two views.

72 ..... thamnoicus var. *D'Orb.*

73 ..... Sporadicus *D'Orb.* Corrientes.

74 ..... Sporadicus *D'Orb.* Corrientes.

75 ..... Sporadicus *D'Orb.* Corrientes.

76 ..... auritus *nob.* Bahia.

77 ..... Tupacii *D'Orb.*

78 ..... Sporadicus *D'Orb.* Bolivia.

Bulinus

83.

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J. B. I. fec.

The following Bulini are represented in the 141st and 142nd Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 79 Bulinus melanostoma var. ?

80 ..... Onça *D'Orb.*

81 ..... Lychnorum *D'Orb.*

82 ..... Lychnorum var. alba *D'Orb.*

83 ..... Bacterionides *D'Orb.*

84 ..... montivagus *D'Orb.*

85 ..... eschariferus mihi, *Gallapagos.*

86 ..... culmineus *D'Orb.*

87 ..... rugulosus *mihi,* Gallapagos.

Bulimus.

The following Bulini are represented in the 143rd and 144th Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 88 Bulinus melanostoma var.

89 ——— multicolor

90 ——— miersii, *Miller*

91 ——— pulchellus, *mihi*, Huallaga

92 ——— pulchellus var. Huallaga

93 ——— piperitus, *mihi*, Huallaga

94 ——— Milleri, *mihi*

95 ——— strigatus, *mihi*, Huallaga

96 ——— strigatus var., Huallaga

97 ——— Janeirensis, *mihi*, Rio de Janeiro.

Bulimus

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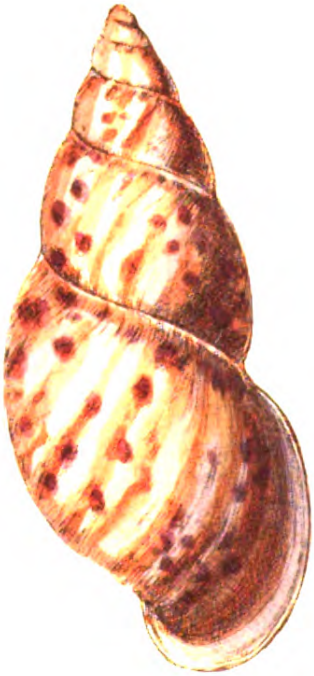

146.

The following Bulini are represented in the 145th and 146th Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig 98 Bulinus Myersii *mihi.*

99 ——— Downesii *Gray.*

100 ——— maculiferus *mihi.*
From Lady Harvey's Collection.

101 ——— hæmastoma *var.*

102 ——— proximus *mihi.*

103 ——— hæmastoma *var.*

October 31st, 1838.


95

148.

The following Coni are represented in the 147th and 148th Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 92 Conus Tulipa, front view.

93 ....., back.

94 .... Cervus.

95 .... geographus.

96 .... bullatus.

97 .... tessellatus.

98 .... tessellatus, var.

99 .... Genuanus.

100 .... Miles.

101 .... eburneus.

102 .... quercinus.

G. B. S., Jun., takes this opportunity of stating his intention to proceed with a complete illustration of the genus Conus, with a catalogue.

December 1838.

Cardium

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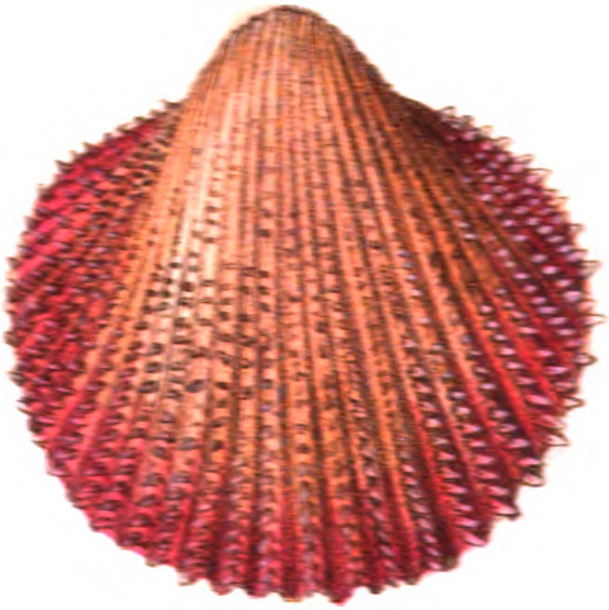


The following Cardia are represented in the 149th and 150th Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 32. Cardium subrugosum *nobis*.

33. ——— parvum *nobis*.

34. ——— subrugosum *var*.

35. ——— Sinense *nobis*.

36. ——— tenue *nobis*.

37. ——— exasperatum *nobis*.

38a.——— multispinosum *nobis*.

38b.——— id.

39. ——— rugosum *Lam*.

Conus

105

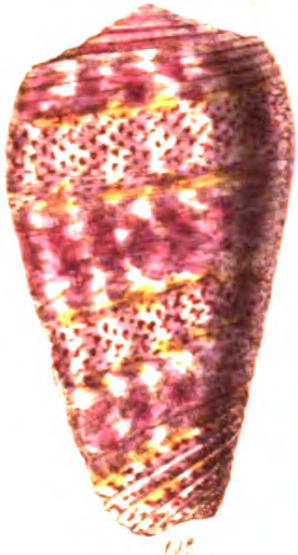
103

104

106

105

Conus



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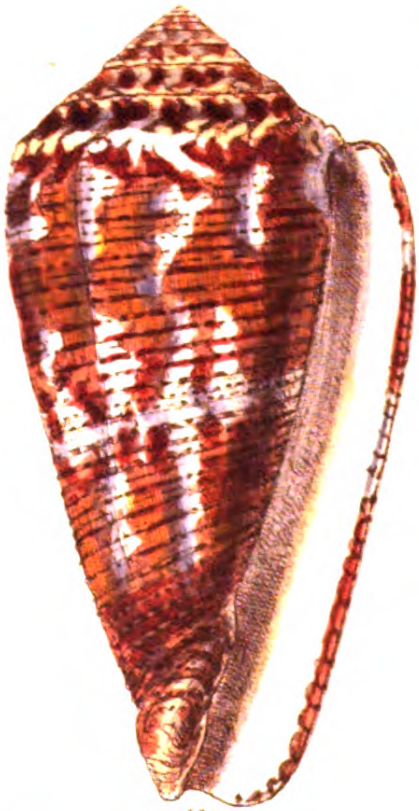

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110

The following Coni are represented in the 151st and 152nd Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

---

103 Conus Centurio, back and front.

104 .... Sumatrensis.

105 .... Barbadensis.

106 .... colubrinus.

107 .... Guinaicus.

108 .... Adamsonii.

109 .... achatinus.

110 .... aurisiacus.

111 .... Præfectus.

154.

Conus

117

116

115

112

The following Coni are represented in the 153rd and 154th Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

---

112 Conus Dux *Lam.*

113 .... Generalis.

114 .... Maldivus.

115 .... Omaicus.

116 .... Nobilis, var.

117 .... Nobilis.

118 } .. Monile.
119 }

April 15*th*, 1839.

Conus

124

125

120*

127

122

The following Coni are represented in the 155th and 156th Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 120 Conus marmoreus.

120* .... *var.* granulatus.

121 .... Bandanus.

122, 123 .... Nocturnus.

124 .... Nicobaricus.

125, 126 .... Araneosus.

127 .... Zonatus.

May 15th, 1839.

157.

Conus

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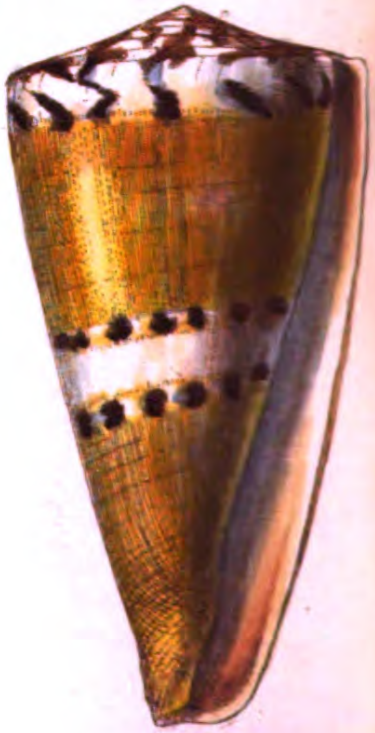

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158.

Conus

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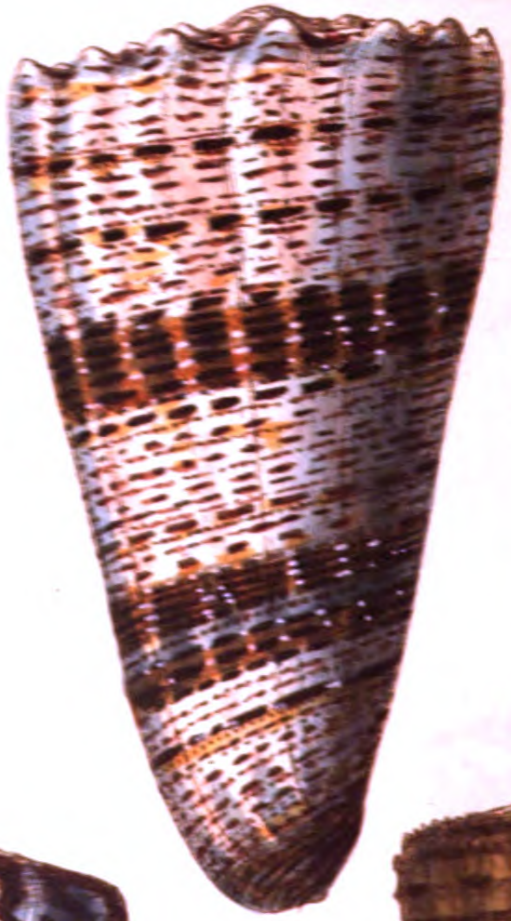


128

134

135

The following Coni are represented in the 157th and 158th Parts of the

Conchological Illustrations,

By G. B. SOWERBY, Jun.

Fig. 128 Conus Imperialis.

129 .... *var.*

130 .... fuscatus.

131 .... *var.*

132 .... viridulus.

133 .... Capitaneus.

134 .... *var.*

135 .... with its epidermis.

136 .... mustelinus.

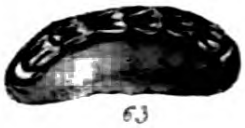
137 .... Rattus.

June, 1839.

159.

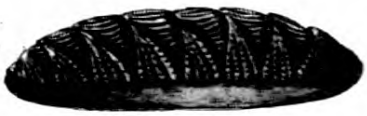
Chiton

56



63

a



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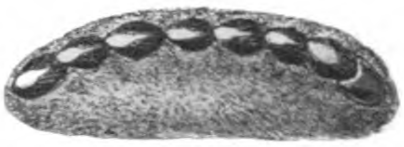
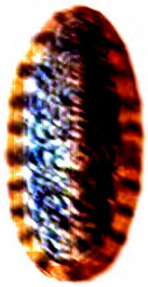


62

Chiton

64



67

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a

68

The following Chitones are represented in the 159th and 160th Parts of the

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Fig. 56. Chiton Janierensis. *a*, side view, magnified.

57. .... atratus. *nobis*.

58 .... atratus, *var*.

59. .... Porphyrius. *nobis*.

60. .... foveolatus. *nobis*.

61. .... Solea. *nobis*.

62. .... (Chitonellus) striatus.

63. .... (Chitonellus) strigatus. *nobis*.

64. .... petholatus, *var*. *nobis*.

65. .... petholatus.

66. .... sculptus. *nobis a*, side view, magnified.

67. .... varius. *nobis*. five different varieties.

Index.