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Atlas
Moll.

MANUAL

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OF THE

NEW ZEALAND MOLLUSCA.

ATLAS OF PLATES.

BY

HENRY SUTER.

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1915.

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PREFACE.

THE publication of this Atlas, to accompany the "Manual of the New Zealand Mollusca," published in December, 1913, has unfortunately been much delayed.

When writing the Manual the late Director of the Dominion Museum, my much lamented friend Mr. A. Hamilton, kindly offered to superintend the arrangement of the plates for the Atlas and the necessary photographing of specimens. It was intended to publish the Manual and Atlas at the same time, but fate decided otherwise.

I wish to express my deep-felt gratitude to the late Mr. A. Hamilton; to Mr. T. F. Cheeseman, Curator of the Auckland Museum, who kindly lent water-colour paintings of the forms reproduced on plates 36 and 37; to Mr. E. A. Smith, I.S.O., Editor of the "Proceedings of the Malacological Society, London," who lent me my own drawings from papers published; to Mr. McDonald of the Dominion Museum staff for the able way in which he photographed many specimens; to Mr. W. E. Spencer and Dr. J. A. Thomson for supervising the work on the plates of the Atlas; and, last but not least, to Mr. John Mackay, Government Printer, and his able staff for the pains they have taken to produce a work of which the Government may justly be proud.

HENRY SUTER.

Christchurch, January, 1915.

PLATE 1.

- Fig. 1. *Aemæa stella*, Lesson. Teeth of radula, magnified. p. 73.
Fig. 2. *Nacella illuminata*, Gould. Teeth of radula, magnified. p. 77.
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EXPLANATION OF LETTERS.

| | |
|--|-------------------------------------|
| <i>alg.</i> or <i>alb. g.</i> Albumen-gland. | <i>p.</i> or <i>ps.</i> Male organ. |
| <i>ap.</i> Appendiculum. | <i>pr.</i> Prostata. |
| <i>hd.</i> Hermaphrodite duct. | <i>rm.</i> Penis retractor-muscle. |
| <i>hd.</i> or <i>hgl.</i> Hermaphrodite gland. | <i>rs.</i> Receptaculum seminis. |
| <i>ov.</i> Ovary. | <i>sc.</i> Sacculation of uterus. |
| <i>ov.</i> or <i>ovd.</i> Oviduct. | <i>vd.</i> Vas deferens. |
| <i>ov</i> ¹ . Free oviduct. | |

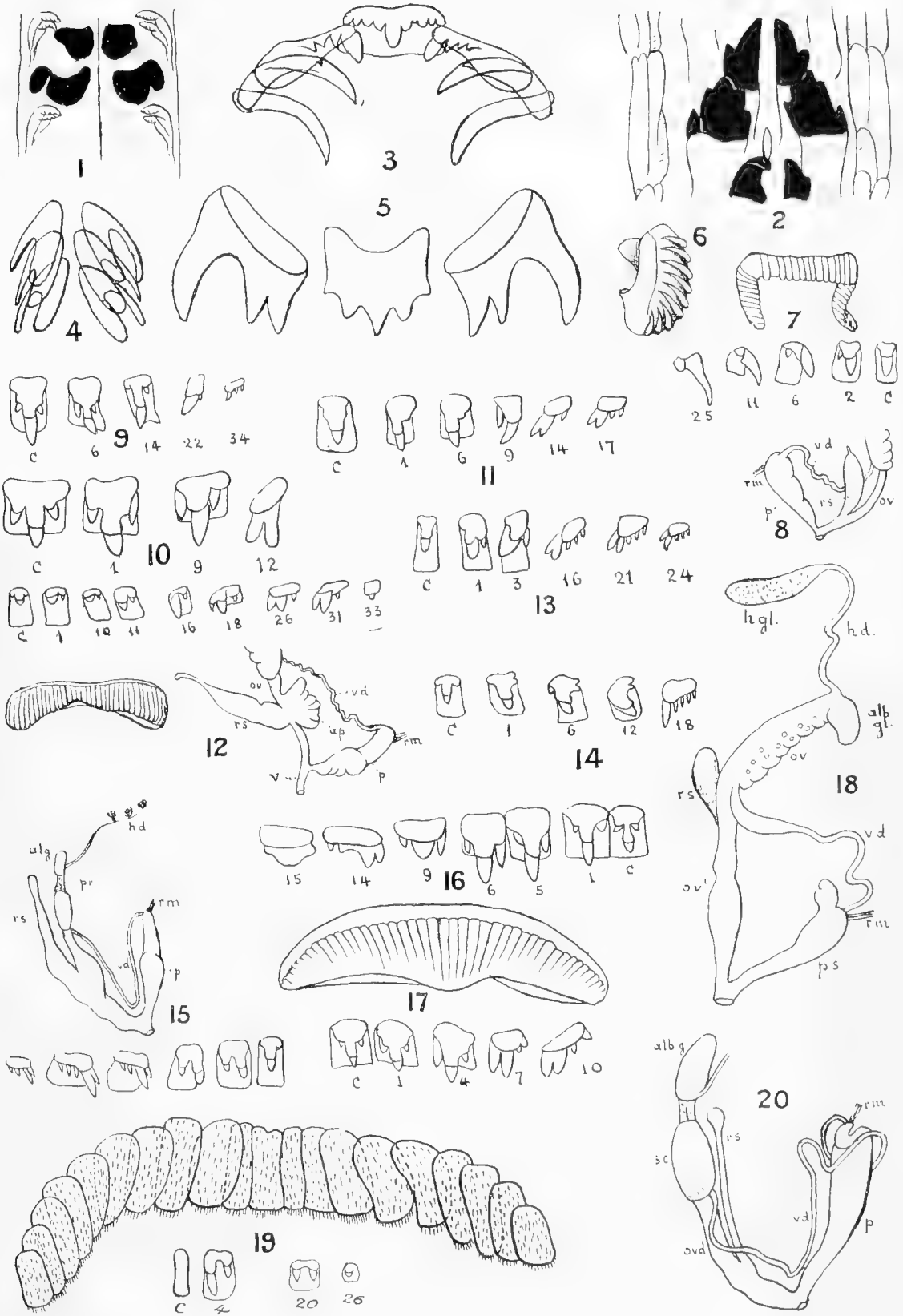


PLATE 2.

- Fig. 1. *Lepidopleurus inquinatus*, Reeve. 12 × 6.5 mm. p. 6
- Fig. 2. *Ischnochiton longicymba*, Q. & G. 40 × 18 mm. p. 9
- Fig. 3. *Ischnochiton contractus*, Reeve. 37 × 17.5 mm. p. 8.
- Fig. 4. *Plaxiphora biramosa*, Q. & G. 45 × 31 mm. p. 18.
- Fig. 5. *Plaxiphora calata*, Reeve. 25 × 11 mm. p. 19.
- Fig. 6. *Plaxiphora superba*, Pilsbry. 60 × 40 mm. p. 21.
- Fig. 7. *Plaxiphora obtecta*, Pilsbry. 50 × 32 mm. p. 23.
- Fig. 8. *Plaxiphora egregia*, H. Adams (= *ovata*, Hutton). 15 × 13 mm. pp. 24, 1079
- Fig. 9. *Acanthochites zelandicus*, Q. & G. 28 × 12 mm. p. 26.
- Fig. 10. *Acanthochites porosus*, Burrow. 38 × 20 mm. p. 27.
- Fig. 11. *Acanthochites violaceus*, Q. & G. 35 × 23 mm. p. 30.
- Fig. 12. *Chiton pellisserpentis*, Q. & G. 30 × 23 mm. p. 33.
- Fig. 13. *Chiton Quoyi*, Deshayes. 37 × 22 mm. p. 34.
- Fig. 14. *Chiton Sinclairi*, Gray. 28 × 18 mm. p. 35.
- Fig. 15. *Chiton arcus*, Reeve. 39 × 23 mm. p. 36.
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- Fig. 18. *Chiton limans*, Sykes. 23.7 × 12.5 mm. p. 39.
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- Fig. 20. *Eudoxochiton nobilis*, Gray. 116 × 67 mm. p. 41.
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- Fig. 22. *Lorica volvox*, Reeve. 70 × 38 mm. p. 46.
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- Fig. 24. *Onithochiton undulatus*, Q. & G. 25 × 16 mm. p. 49.
- Fig. 25. *Eudoxochiton nobilis*, Gray. 60 × 35 mm. p. 41.

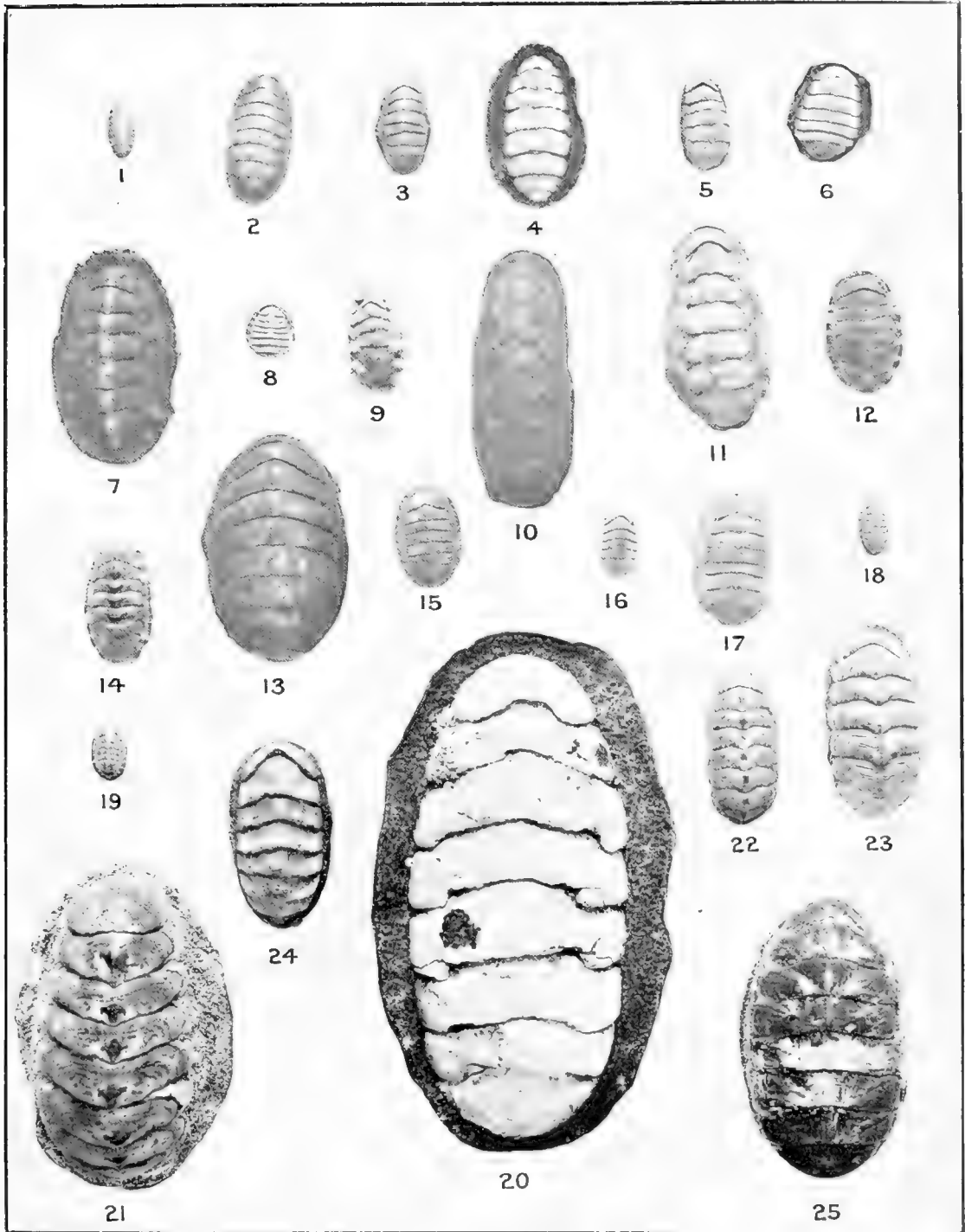


PLATE 3.

- Fig. 1. *Lepidopleurus inquinatus*, Reeve. Intermediate valve, magnified. p. 6.
- Figs. 2, *a-d*. *Ischnochiton fulvus*, Suter. 12 × 7 mm. p. 9.
- Figs. 3, *a, b*. *Ischnochiton longicymba*, Q. & G. p. 9.
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- Figs. 8, *a-c*. *Callochiton puniceus*, Gould. 16 × 10 mm. p. 14.
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- Fig. 15. *Plaxiphora egregia*, H. Adams (= *ovata*, Hutt.). Valves. pp. 24, 1079.
- Fig. 16. *Plaxiphora Murdochi*, Suter. 17 × 13 mm. p. 20.

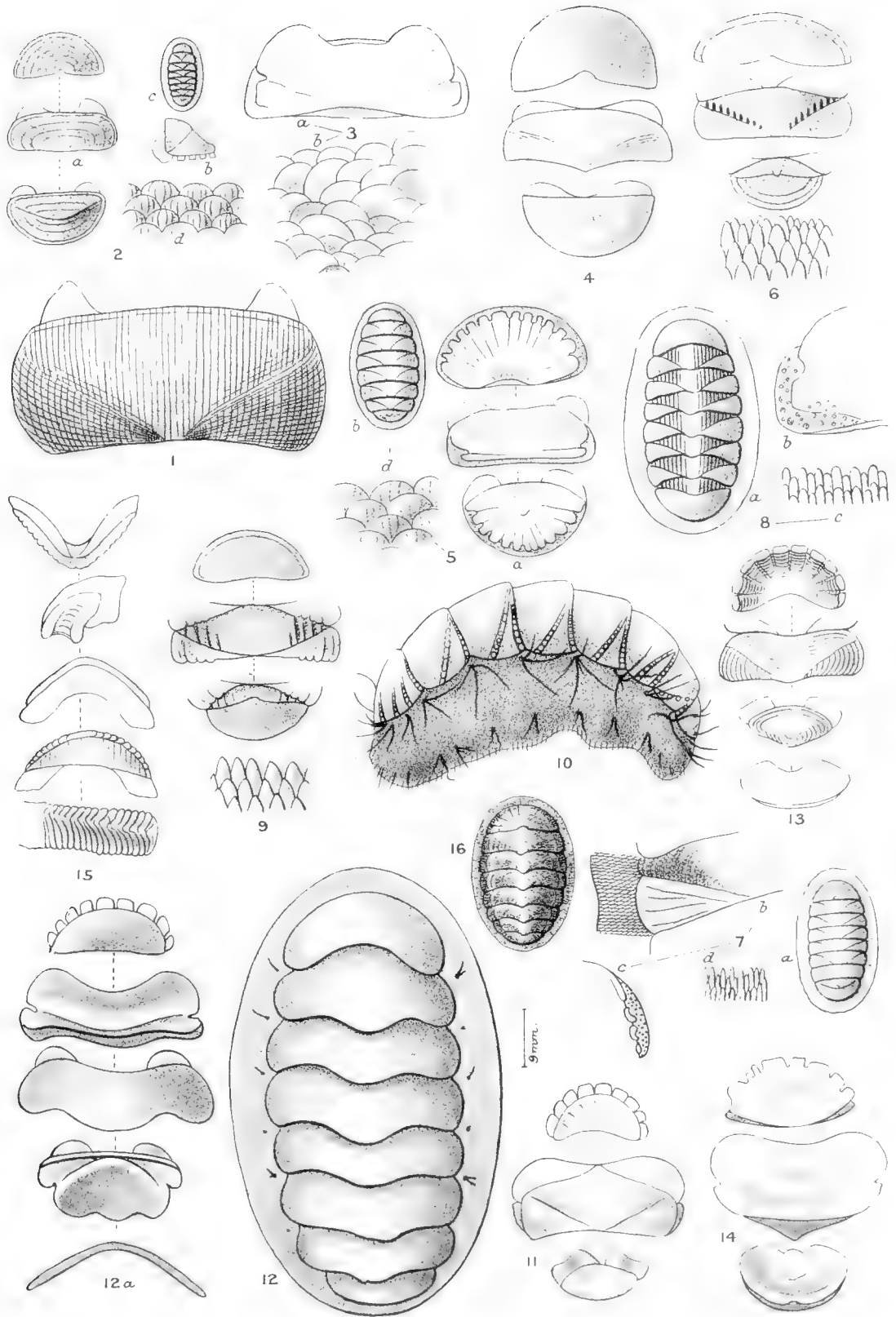


PLATE 4.

- Fig. 1. *Acanthochites zelandicus*, Q. & G. Valves. p. 26.
- Fig. 2. *Acanthochites porosus*, Burrow. Valves. p. 27.
- Fig. 3. *Acanthochites Marie*, Webster. Valves. p. 28.
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- Fig. 13. *Chiton Suteri*, Iredale (= *Stangeri*, Suter, non Reeve). Intermediate and tail valve. pp. 40, 1081.
- Fig. 14. *Eudorochiton nobilis*, Gray. Valves. p. 41.
- Fig. 15. *Eudorochiton Huttoni*, Pilsbry. Intermediate valve. p. 41.

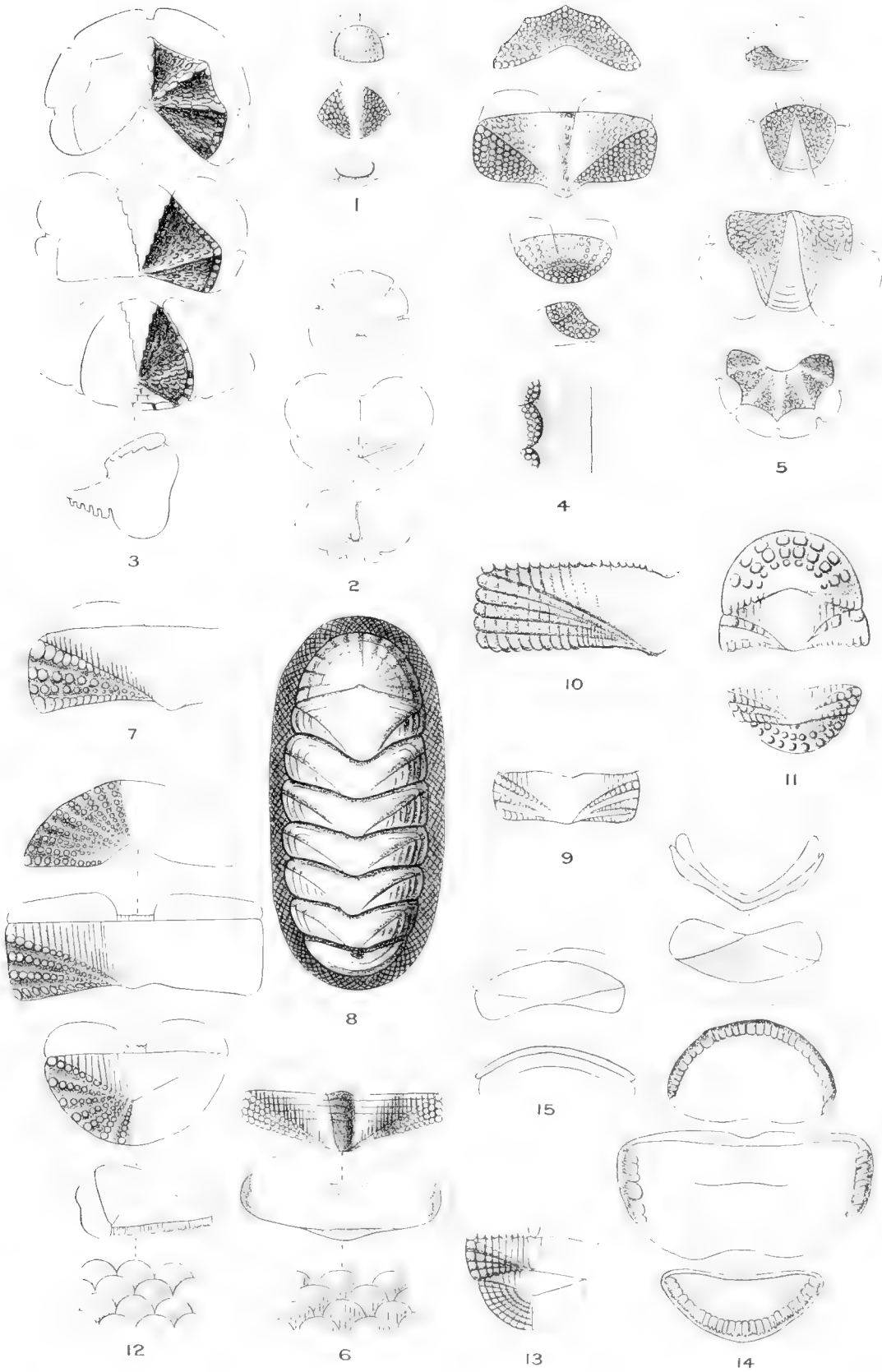




PLATE 5.

- Fig. 1. *Tonicia cuneata*, Suter. 22 × 11 mm. p. 42.
- Fig. 2. *Acanthopleura granulata*, Gmelin. Valves, and groups of white and dark spines of girdle. p. 44.
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- Fig. 8. *Acmaea roscoadiata*, Suter. 3.5 × 2.5 × 1.5 mm. p. 65.
- Fig. 9. *Acmaea rubiginosa*, Hutton. 18 × 13 × 6 mm. p. 65.
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- Fig. 12. *Acmaea dardala subtilis*, Suter. 2.5 × 1.5 mm. p. 68.
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- Fig. 16. *Acmaea stella*, Lesson. 21 × 19 mm. p. 73.
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- Fig. 18. *Helcioniscus stelliferus phymatius*, Suter. 27 × 12 mm. p. 86.

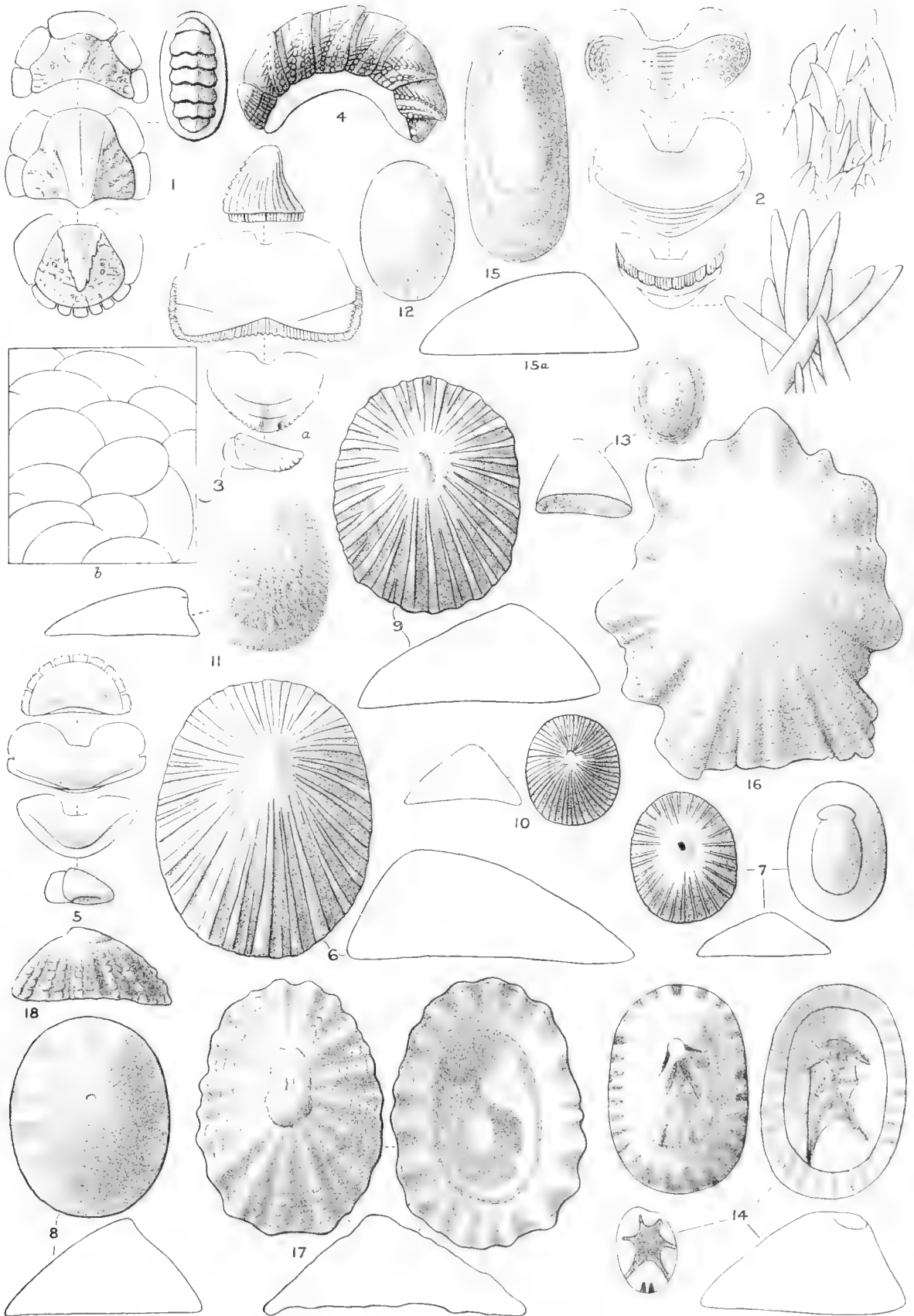
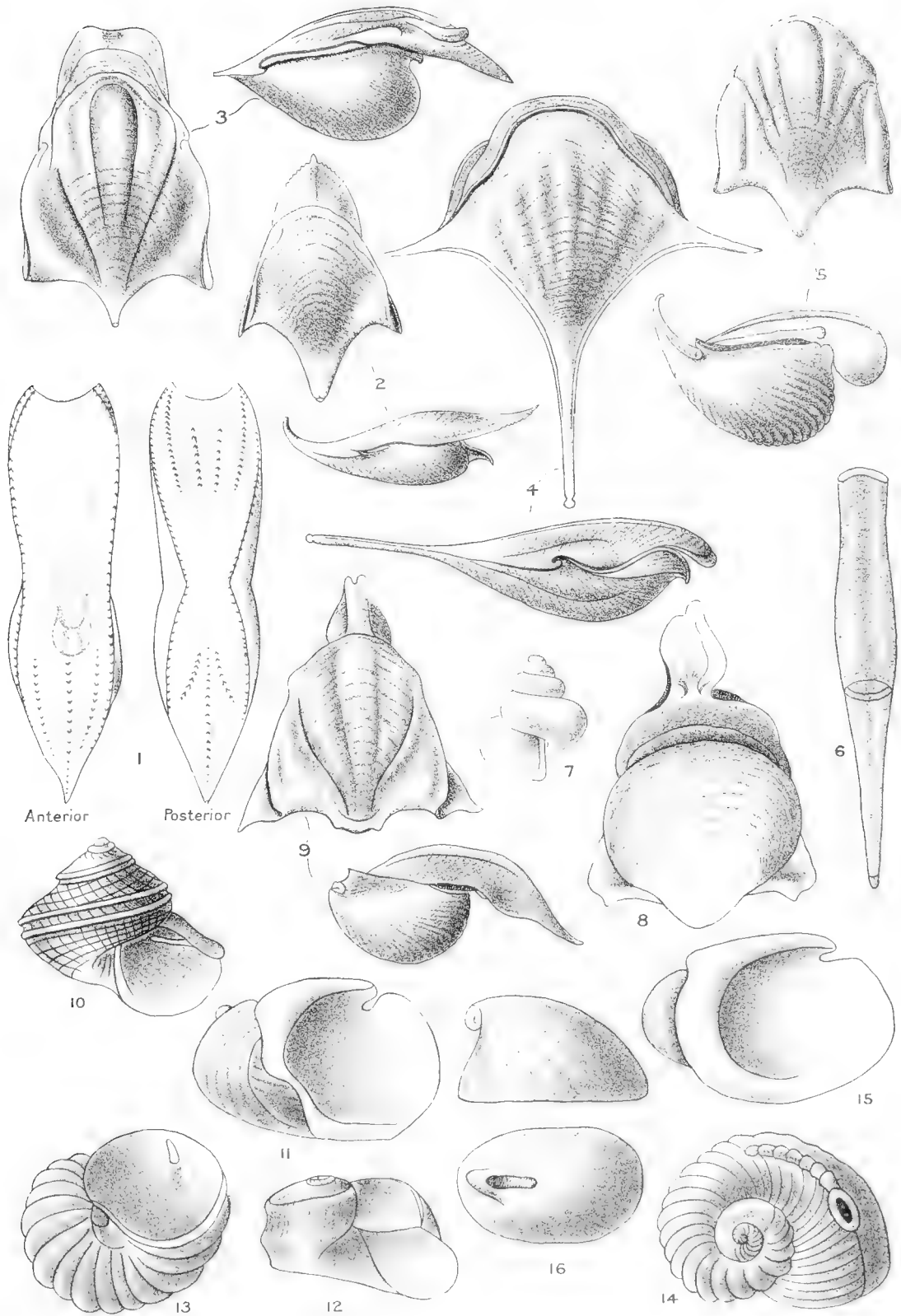


PLATE 6.

- Fig. 1. *Cymbulia parvidentata*, Pelseneer. Length, 35 mm. p. 52.
Fig. 2. *Carolina inflera*, Lesueur. p. 51.
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Fig. 14. *Schismope brevis*, Hedley. 1.1×0.9 mm. p. 91.
Fig. 15. *Incisura lytteltonensis*, E. A. Smith. 1.3×1 mm. p. 98.
Fig. 16. *Puncturella demissa*, Hedley. $1.8 \times 1.2 \times 1$ mm. p. 101.



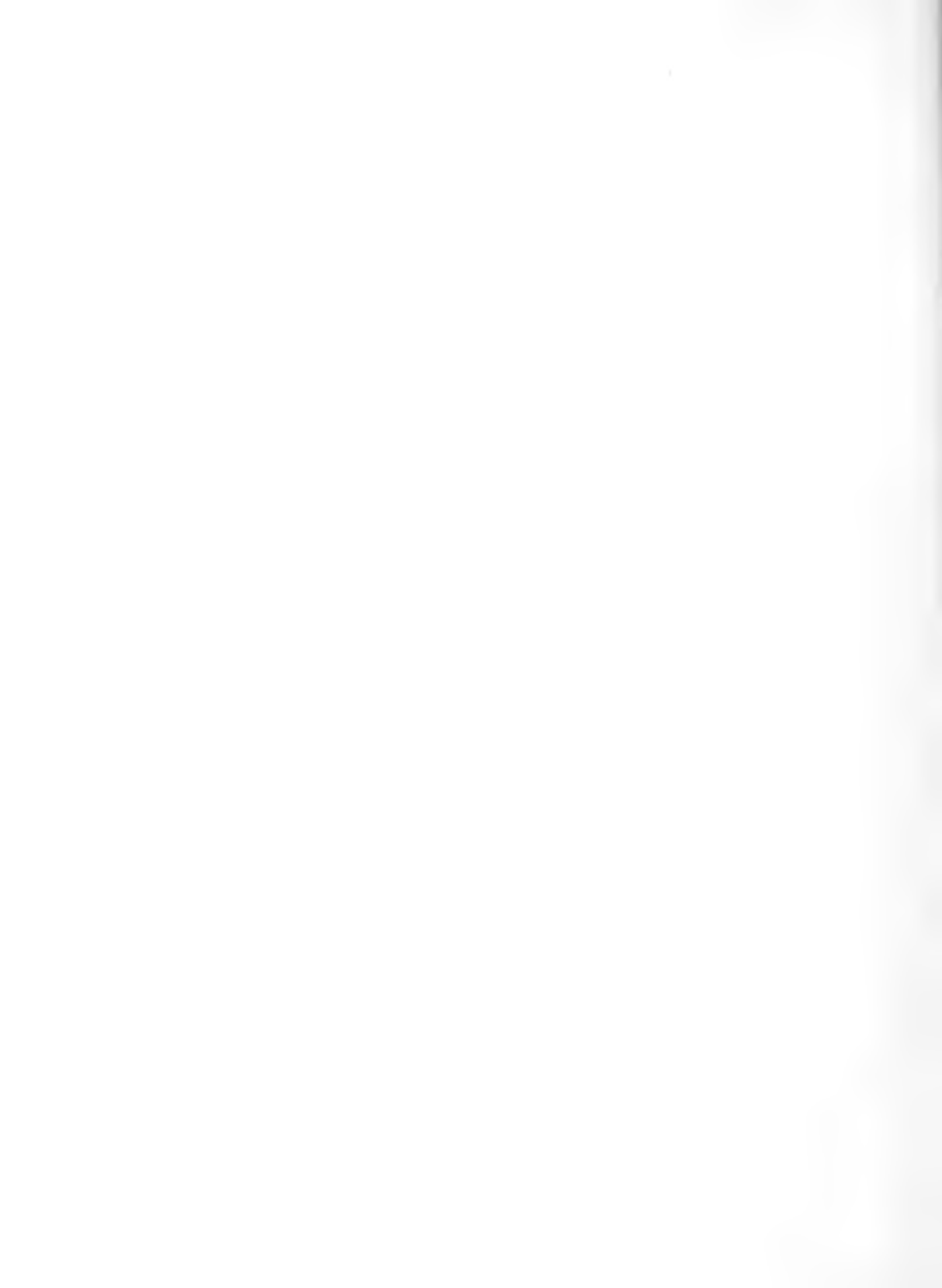


PLATE 7.

- Fig. 1. *Acmata cantharus*, Reeve. 17 × 13.5 mm. p. 66.
Fig. 2. *Acmata fragilis*, Chemn. 15 × 12 mm. p. 68.
Fig. 3. *Acmata Helmsi*, E. A. Smith. 11.5 × 9 mm. p. 69.
Fig. 4. *Acmata pilcopsis*, Q. & G. 20 × 15 mm. p. 71.
Fig. 5. *Acmata septiformis*, Q. & G. 14 × 12 mm. p. 72.
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Fig. 7. *Nacella fuegiensis*, Reeve. 33 × 24 mm. p. 76.
Fig. 8. *Nacella illuminata*, Gould. 38 × 32 mm. p. 77.
Fig. 9. *Helcioniscus antipodum*, E. A. Smith. 28 × 22 mm. p. 79.
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Figs. 11, a. *Helcioniscus ornatus*, Dillwyn. 32 × 25 mm. p. 80.
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Fig. 15. *Helcioniscus radians decorus*, Phil. 60 × 50 mm. p. 82.
Fig. 16. *Helcioniscus radians Earlii*, Reeve. 50 × 42 mm. p. 83.
Fig. 17. *Helcioniscus radians affinis*, Reeve. 33 × 27 mm. p. 83.
Fig. 18. *Helcioniscus radians flavus*, Hutton. 55 × 46 mm. p. 84.
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Figs. 22, a. *Helcioniscus strigilis*, H. & J. 65 × 50 × 34 mm. p. 87.
Fig. 23. *Haliotis virginea*, Gmelin. 54 × 35 mm. p. 95.
Fig. 24. *Haliotis varia*, L. 47 × 31 mm. p. 94.

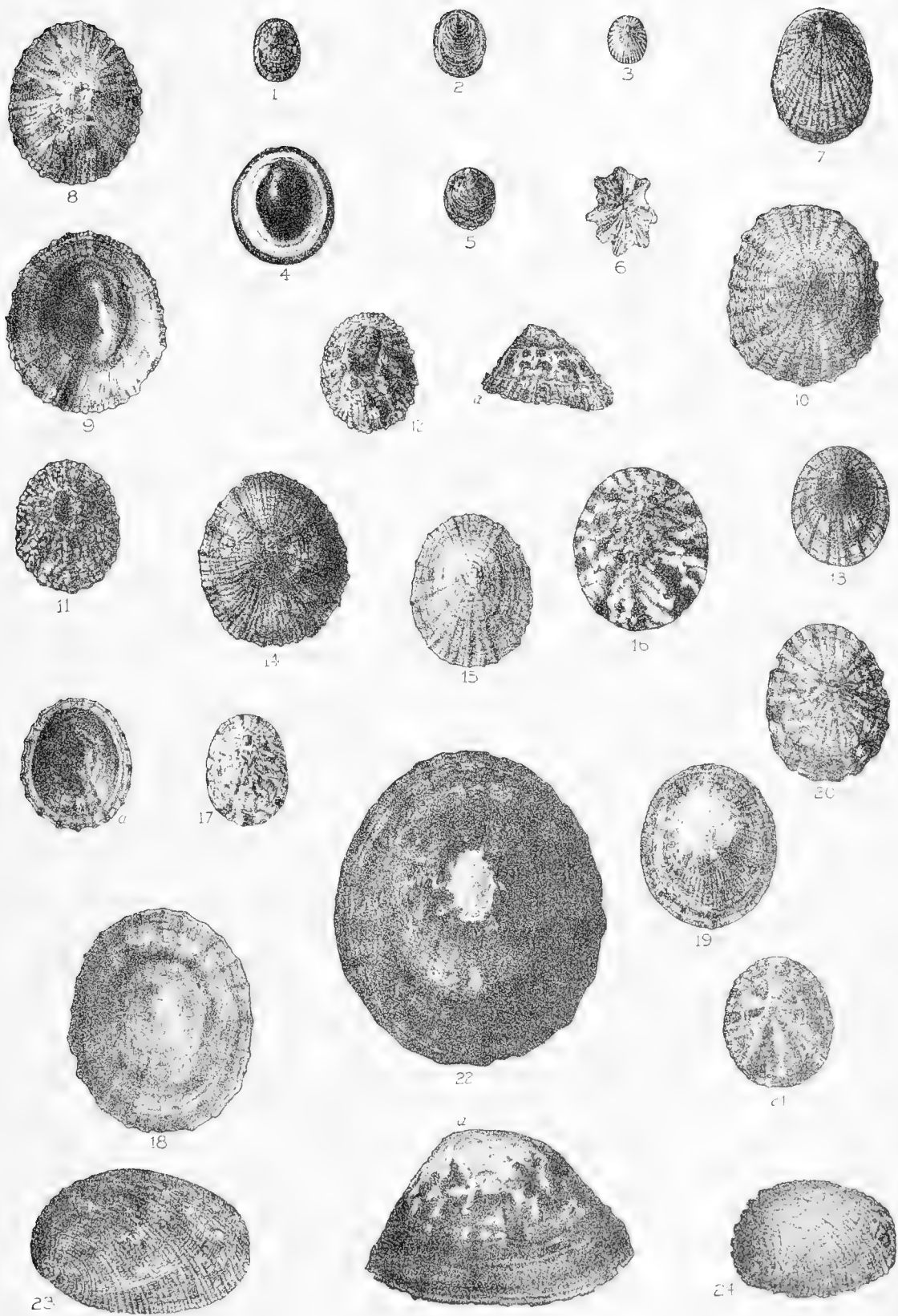




PLATE 8.

- Fig. 1. *Haliotis australis*, Gmelin. 94 × 71 mm. p. 93.
Fig. 2. *Haliotis iris*, Martyn. 95 × 70 mm. p. 94.
Fig. 3. *Haliotis virginea Huttoni*, Filhol. 50 × 35 mm. p. 96
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Fig. 5. *Emarginula striatula*, Q. & G. 10 × 7 mm. p. 99.
Fig. 6. *Submarginula intermedia*, Reeve. 21 × 12 mm. p. 102.
Fig. 7. *Scutus ambiguus*, Chemn. 54 × 28 mm. p. 103.
Fig. 8. *Fissuridea monilifera*, Hutton. 15·5 × 11·5 mm. p. 105.
Fig. 9. *Trochus viridis*, Gmelin. 19 × 20 mm. p. 110.
Fig. 10. *Cantharidus opalus*, Martyn. 30 × 40 mm. p. 124.
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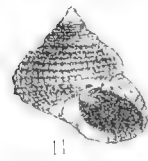
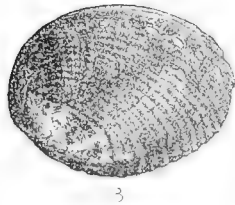
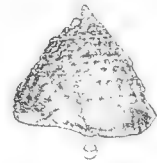
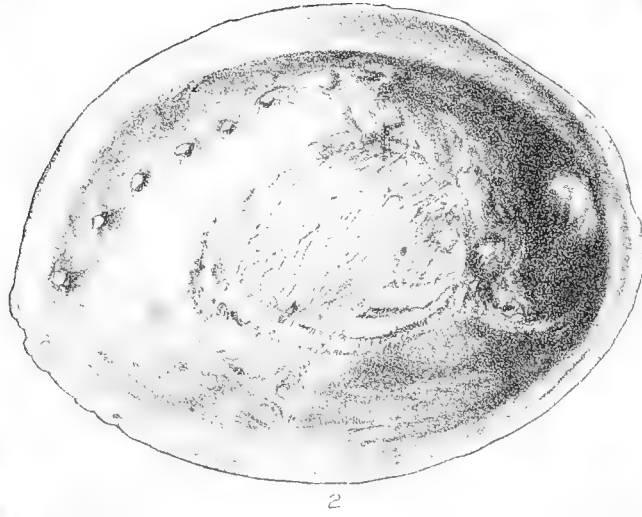




PLATE 9.

- Figs. 1, *a, b. Thalassohelic propinqua*, Hutton. 6×4 mm. p. 630.
Figs. 2, *a, b. Allodiscus Cassandra*, Hutton. 14.5×10 mm. p. 637.
Figs. 3, *a, b. Allodiscus granum*, Pfr. 1×3 mm. p. 641.
Figs. 4, *a, b. Allodiscus rusticus*, Suter. 5×2.5 mm. p. 644.
Figs. 5, *a, b. Allodiscus Smithi*, Suter. 2.2×1.2 mm. p. 644.
Figs. 6, *a, b. Therapia subincarnata*, Suter. 8.5×5.5 mm. p. 650.
Figs. 7, *a, b. Therasia Tamora*, Hutton. 4×2.5 mm. p. 659.
Figs. 8, *a, b. Therasia Valeria*, Hutton. 6.2×3.7 mm. p. 662.
Figs. 9, *a, b. Flammulina cornua*, Hutton. 6.2×4.5 mm. p. 675.
Figs. 10, *a, c. Flammulina Feredayi*, Suter. 3.5×2 mm. p. 677.
Figs. 11, *a, c. Flammulina Jacquenetta*, Hutton. 5×1.5 mm. p. 678.
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Figs. 14, *a, c. Endodonta cryptobidens*, Suter. 1.7×0.7 mm. p. 685.
Figs. 15, *a, c. Endodonta Jessica*, Hutton. 4.2×2 mm. p. 686.
Figs. 16, *a, c. Endodonta leiodon*, Hutton. 2×1.2 mm. p. 692.
Figs. 17, *a, b. Endodonta Browni*, Suter. 2.2×1 mm. p. 713.
Figs. 18, *a, b. Endodonta eremita*, Suter. 2×0.7 mm. p. 717.
Figs. 19, *a, b. Endodonta mutabilis*, Suter. 3×1.5 mm. p. 719.
Figs. 20, *a, b. Endodonta Sterkiana*, Suter. 3.8×2 mm. p. 722.
Figs. 21, *a, b. Endodonta subantialba*, Suter. 1.7×0.8 mm. p. 731.
Figs. 22, *a, b. Laoma Haasti*, Hutton. 3×1.7 mm. p. 752.
Figs. 23, *a, b. Laoma Phrygia*, Hutton. 2.5×2.2 mm. p. 755.
Figs. 24, *a, b. Laoma pamila*, Hutton. 1.7×0.7 mm. p. 760.

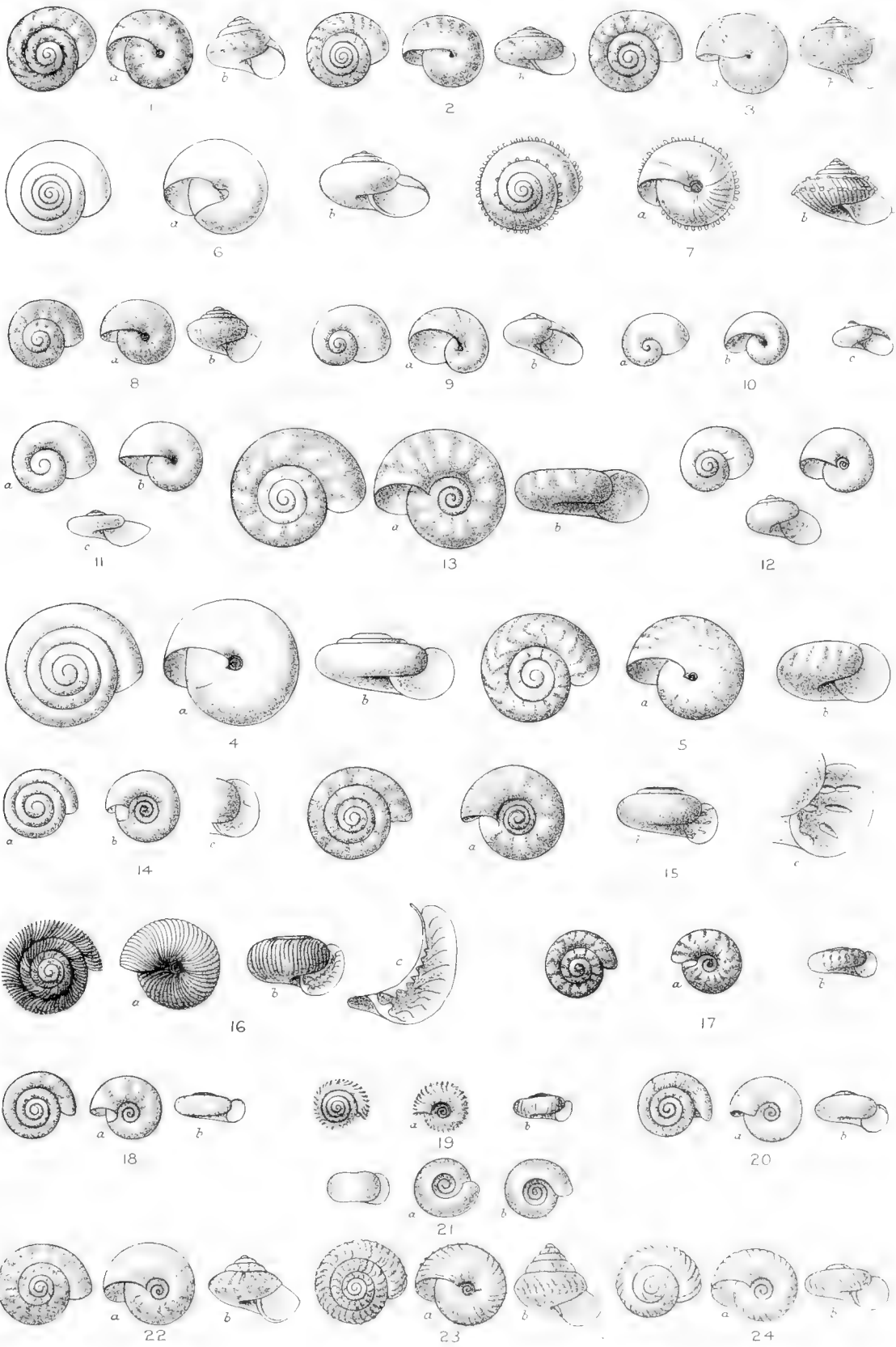




PLATE 10.

- Fig. 1. *Lagochilus Chiltoni*, Suter. 2.2×3 mm. p. 179.
Fig. 2. *Lagochilus Studeri*, Suter. 2.2×3 mm. p. 184.
Figs. 3, 3a, 3b. *Laoma Murdochii*, Suter. 5.5×2.5 mm. p. 760.
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Figs. 5, 5a, 5b. *Endodonta Rosecari*, Suter. 4×2 mm. p. 721.
Figs. 6, a, b. *Endodonta titirangiensis*, Suter. 3.7×1.7 mm. p. 709.
Figs. 7, 7a. *Laoma elegans*, Suter. 2×1.5 mm. p. 734.
Figs. 8, a, b. *Laoma lucida*, Suter. 3×2 mm. p. 739.
Figs. 9, a, b. *Laoma spiralis*, Suter. 3.2×2 mm. p. 757.
Figs. 10, a, b. *Laoma Moellendorffi*, Suter. 2.5×1.5 mm. p. 755.
Figs. 11, 11a, 11b. *Laoma Hamiltoni*, Suter. 2.5×1.2 mm. p. 753.
Figs. 12, a, 12, b, c. *Laoma marina*, Hutton. 3.5×2.3 mm. p. 735.
Figs. 13, a, 13b. *Laoma Cheesemani*, Suter. 4.5×3 mm. p. 743.
Fig. 14. *Laoma ciliata*, Suter. 1.7×2 mm. p. 733.
Figs. 15, 15a, 15b. *Endodonta anguiculus montivaga*, Suter. 3.7×1.7 mm. p. 702.

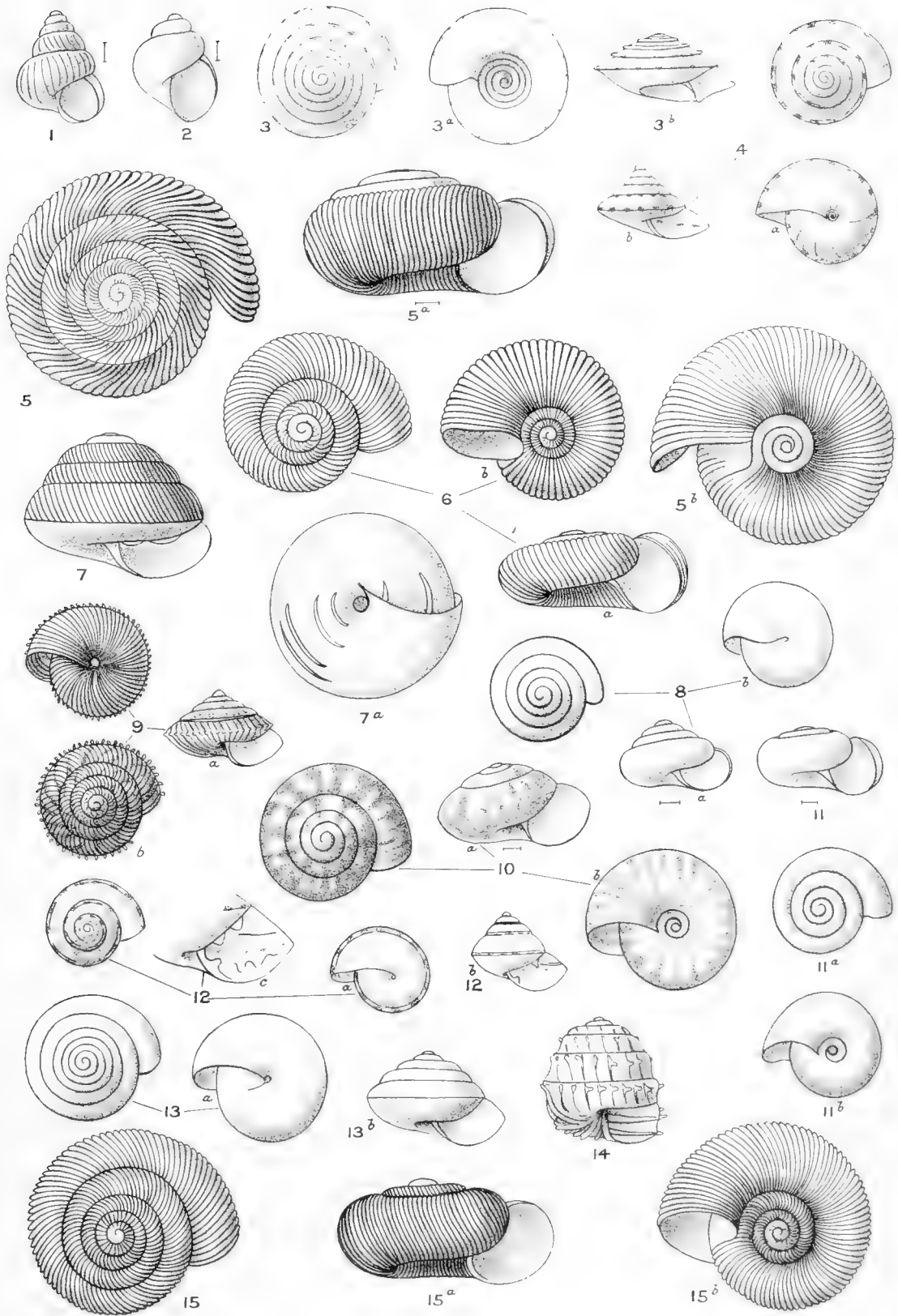
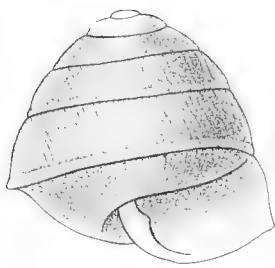
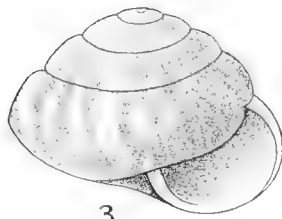


PLATE 11.

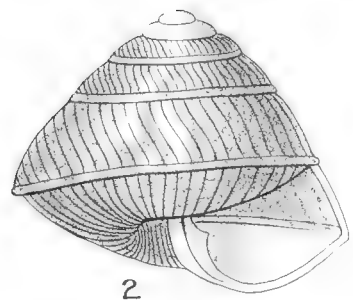
- Fig. 1. *Laoma parcosticta conicula*, Suter. 3×3.2 mm. p. 738.
Fig. 2. *Laoma pæcosticta*, Pfr. 4×3.2 mm. p. 737.
Fig. 3. *Laoma filicosta*, Suter. 1.7×1.2 mm. p. 739.
Fig. 4. *Phenacohelix leptalea*, Suter. 4.5×3.7 mm. p. 665.
Figs. 5-7. *Allodiscus Cooperi*, Suter. 7×4 mm. p. 638.
Fig. 8. *Allodiscus tholoides*, Suter. 4.5×3.2 mm. p. 645.
Fig. 9. *Lagochilus Chiltoni septentrionale*, Suter. 3×1 mm. p. 180.
Fig. 10. *Lagochilus bicarinatum*, Suter. 4.5×5 mm. p. 178.
Figs. 11, 11a. *Diplodon Menziesi acutus*, Suter. 70×40 mm. p. 940.
Figs. 12, 12a, 12b. *Ranfurlya Constancea*, Suter. Animal, $6 \times 3 \times 2.5$ mm.; shell,
 2.7×1.6 mm. p. 682.



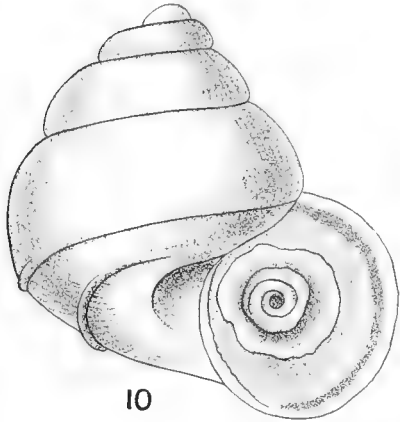
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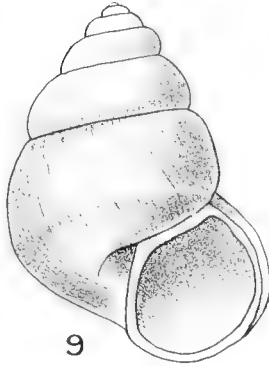
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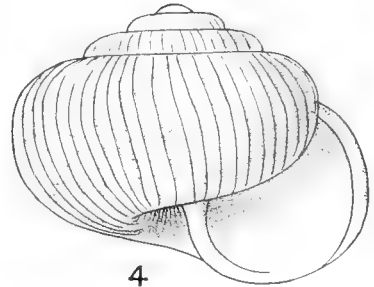
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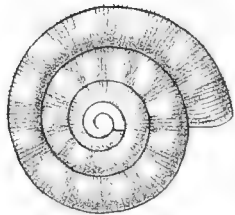
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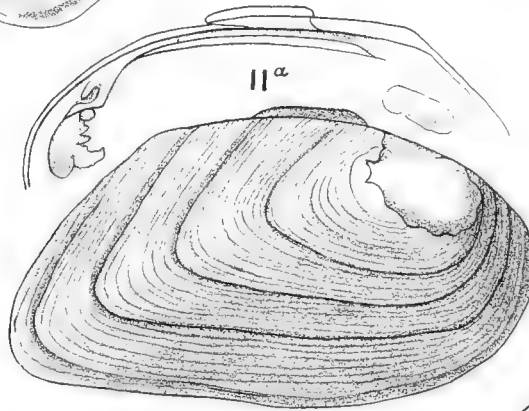
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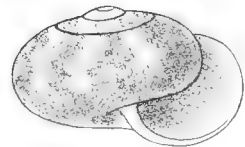
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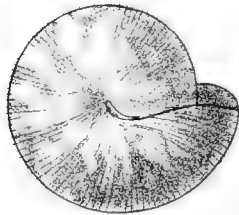
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11^a



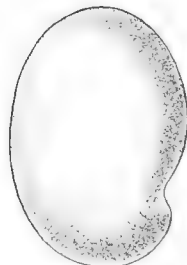
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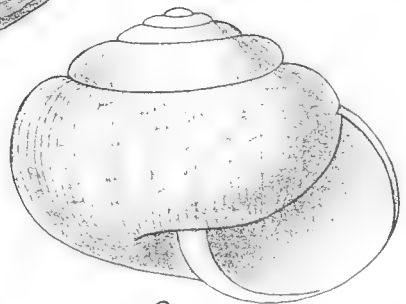
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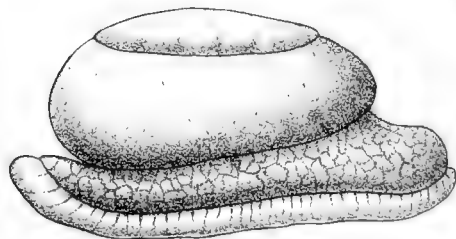
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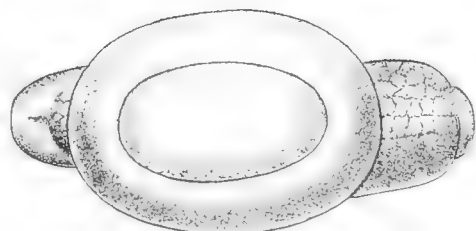
12^b



8



12



12^a



PLATE 12.

- Fig. 1. *Rissoa Hamiltoni*, Suter. 1.5 × 2.5 mm. p. 200.
Fig. 2. *Rissoa Huttoni*, Suter. 1.2 × 2.5 mm. p. 200.
Fig. 3. *Rissoa impressa*, Hutton. 1.2 × 2.3 mm. p. 201.
Fig. 4. *Rissoa rufoplicata*, Suter. 1.9 × 4 mm. p. 201.
Fig. 5. *Rissoa candidissima*, Webster. 1 × 2 mm. p. 202.
Fig. 6. *Rissoa cheilostoma*, T.-Woods. 1.5 × 3 mm. p. 202.
Fig. 7. *Rissoa erserta*, Suter. 1.3 × 2.2 mm. p. 203.
Fig. 8. *Rissoa pingue*, Webster. 1.2 × 2 mm. p. 204.
Fig. 9. *Rissoa foliata*, Suter. 0.8 × 2 mm. p. 204.
Fig. 10. *Rissoa Suteri*, Hedley. 1.4 × 1.8 mm. p. 204.
Fig. 11. *Rissoa foreauiana*, Suter. 1.5 × 2.5 mm. p. 206.
Fig. 12. *Rissoa fumata*, Suter. 1 × 2 mm. p. 206.
Fig. 13. *Rissoa insculpta*, Murdoch. 1.3 × 2.5 mm. p. 207.
Fig. 14. *Rissoa incidata*, Frauenfeld. 0.8 × 1.5 mm. p. 208.
Fig. 15. *Rissoa lampra*, Suter. 0.8 × 1.5 mm. p. 208.
Fig. 16. *Rissoa rosea*, Hutton. 1.8 × 2.3 mm. p. 209.
Fig. 17. *Rissoa roseocincta*, Suter. 0.9 × 1.6 mm. p. 209.
Fig. 18. *Rissoa subfusca*, Hutton. 1.2 × 2.5 mm. p. 210.
Figs. 19, a, b. *Rissoa zosterophila*, Webster. 1 × 2.2 mm. p. 210. a, Teeth of radula ;
b, operculum.
Fig. 20. *Rissoa atomus*, Suter. 1 × 1.2 mm. p. 212.
Fig. 21. *Rissoa infecta*, Suter. 1.1 × 1.6 mm. p. 212.
Fig. 22. *Rissoa leptalea*, Murdoch. 0.6 × 1.9 mm. p. 213.
Fig. 23. *Rissoa lubrica*, Suter. 0.6 × 1.7 mm. p. 213.
Fig. 24. *Rissoa micans*, Webster. 1 × 1.5 mm. p. 214.
Fig. 25. *Rissoa microstriata*, Murdoch. 1.1 × 2.1 mm. p. 214.

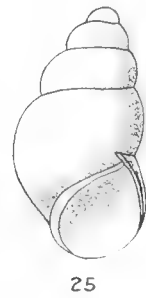
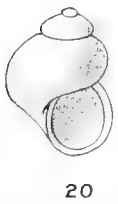
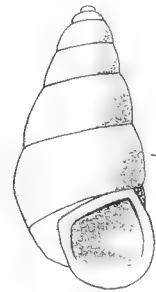
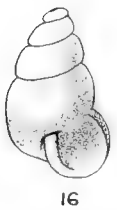
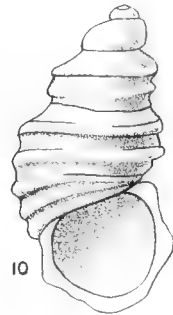
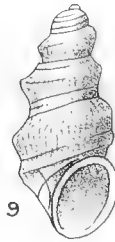
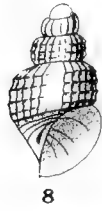
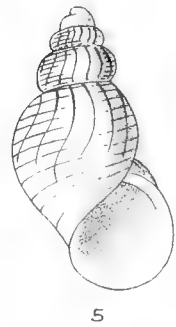
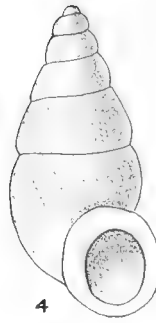
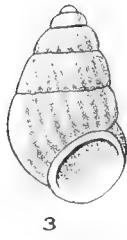


PLATE 13.

- Fig. 1. *Rissoa neozelanica*, Suter. 1.5 × 2 mm. p. 214.
Fig. 2. *Rissoa porcellana*, Suter. 1.3 × 1.8 mm. p. 215.
Fig. 3. *Rissoa Stewartiana*, Suter. 1.2 × 1.9 mm. p. 215.
Fig. 4. *Rissoa verrucula*, Suter. 1.2 × 2 mm. p. 216.
Fig. 5. *Rissoa vulgaris*, Webster. 1.7 × 2.3 mm. p. 216.
Fig. 6. *Amphithalamus Hedleyi*, Suter. 0.7 × 1.2 mm. p. 217.
Fig. 7. *Anabathron gradatum*, Suter. 1.6 × 2.2 mm. p. 218.
Fig. 8. *Rissoina Hanleyi*, Schwartz. 2.8 × 6 mm. p. 219.
Fig. 9. *Rissoina rufolactea*, Suter. 1.5 × 3.3 mm. p. 219.
Fig. 10. *Rissoina rugulosa*, Hutton. 3 × 7.5 mm. p. 220.
Fig. 11. *Rissoina zonata*, Suter. 4.5 × 11.5 mm. p. 221.
Fig. 12. *Rissoina carnosa*, Webster. 1.3 × 3 mm. p. 221.
Fig. 13. *Rissoina Coulthardi*, Webster. 1.5 × 3 mm. p. 222.
Fig. 14. *Rissoina emarginata*, Hutton. 1.5 × 3 mm. p. 222.
Fig. 15. *Rissoina Chiltoni*, Suter. 1.5 × 2.7 mm. p. 223.
Fig. 16. *Rissoina cavieriana*, Suter. 3.5 × 5.8 mm. p. 224.
Fig. 17. *Rissoina fuscozona*, Suter. 1.7 × 2.8 mm. p. 224.
Fig. 18. *Rissoina limbata*, Hutton. 1.5 × 2.7 mm. p. 225.
Fig. 19. *Rissoina olivacea*, Hutton. 1.5 × 2 mm. p. 225.
Fig. 20. *Skenella Pfefferi*, Suter. 0.8 × 0.5 mm. p. 227.
Fig. 21. *Diala subcarinata*, Murd. & Sut. 1 × 2.9 mm. p. 228.
Fig. 22. *Omalogyra fusca*, Suter. 1 × 0.3 mm. p. 229.
Fig. 23. *Potamopyrgus Badia*, Gould. 2 × 5 mm. p. 231.
Fig. 24. *Potamopyrgus corolla*, Gould. 4.5 × 6.5 mm. p. 232.

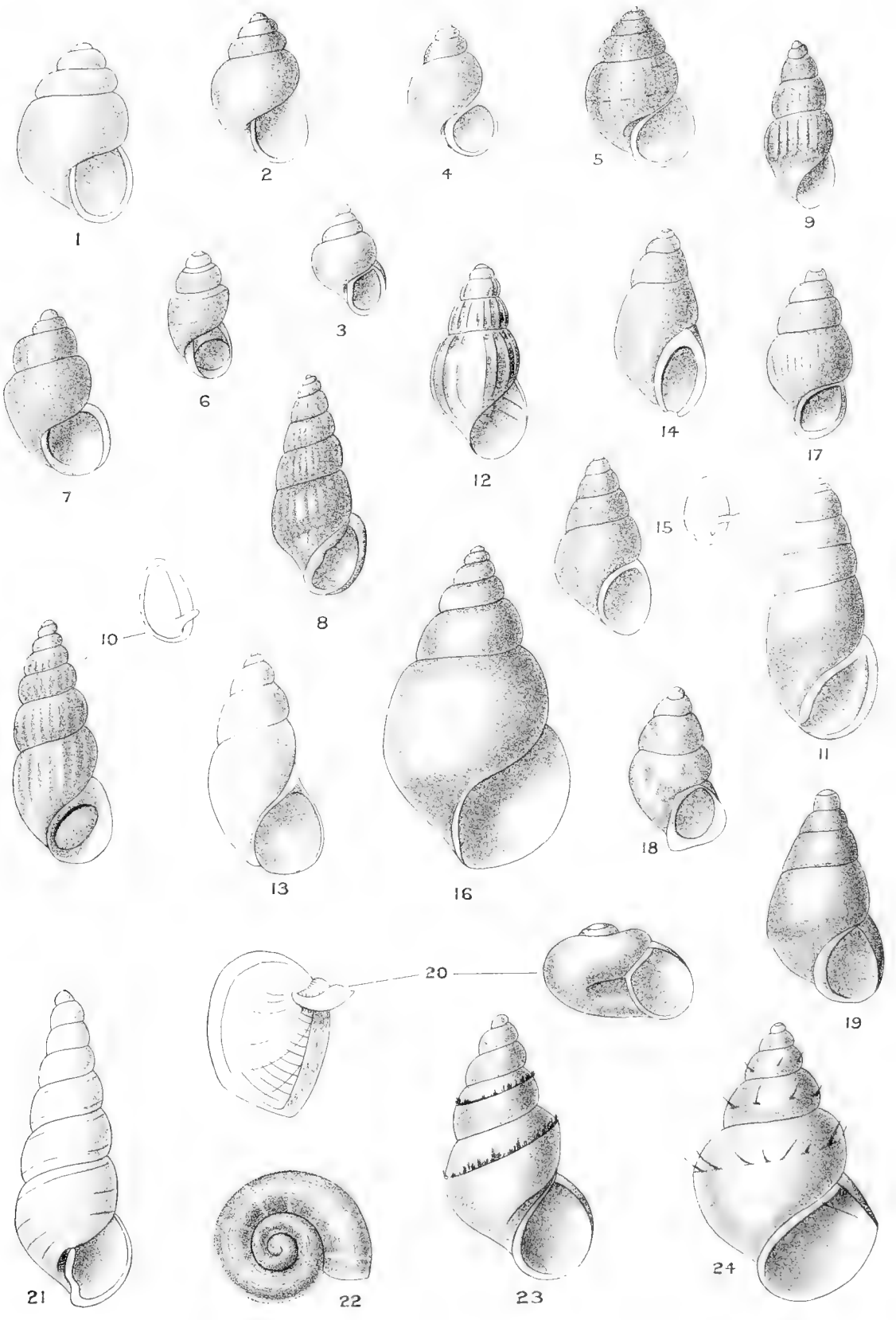


PLATE 14.

- Fig. 1. *Omalogrya bicarinata*, Suter. 1.5 × 0.5 mm. p. 229.
Fig. 2. *Potamopyrgus antipodum*, Gray. 3.2 × 6.1 mm. p. 231.
Fig. 3. *Potamopyrgus antipodum zelandiae*, Gray. 2.5 × 5 mm. p. 231.
Fig. 4. *Potamopyrgus corolla Salliana*, Fischer. 3.5 × 6 mm. p. 232.
Fig. 5. *Potamopyrgus egenus*, Gould. 2.5 × 5 mm. p. 233.
Fig. 6. *Potamopyrgus spectus*, Frauenfeld. 1.6 × 3 mm. p. 234.
Fig. 7. *Potamopyrgus spectus pupoides*, Hutton. 0.9 × 1.5 mm. p. 234.
Fig. 8. *Potamopyrgus subterraneus*, Suter. 1.2 × 2.7 mm. p. 234.
Fig. 9. *Cerithidea subcarinata*, Sowerby. 4.3 × 11.5 mm. p. 239.
Fig. 10. *Cerithidea tricarinata*, Hutton. 5 × 14.5 mm. p. 239.
Fig. 11. *Bittium cylindricum*, Watson. 1.6 × 6.7 mm. p. 241.
Fig. 12. *Bittium exile*, Hutton. 1.8 × 5 mm. p. 241.
Fig. 13. *Bittium Lawleyanum*, Crosse. Height, 10 mm. p. 242.
Fig. 14. *Bittium retiferum*, Suter. 1 × 3.2 mm. p. 243.
Fig. 15. *Bittium vitreum*, Suter. 1.8 × 4.2 mm. p. 243.
Fig. 16. *Cerithiopsis acies*, Suter. 1.1 × 3.5 mm. p. 245.
Fig. 17. *Cerithiopsis canaliculata*, Suter. 1.4 × 4.4 mm. p. 246.
Fig. 18. *Cerithiopsis cessionis*, Hedley. 2 × 5 mm. p. 246.
Fig. 19. *Cerithiopsis crenistria*, Suter. 3 × 8 mm. p. 247.
Fig. 20. *Cerithiopsis marginata*, Suter. 1 × 2.7 mm. p. 247.
Fig. 21. *Cerithiopsis sarissa*, Murdoch. 1.8 × 6.3 mm. p. 248.
Fig. 22. *Cerithiopsis styliiformis*, Suter. 1.1 × 3.7 mm. p. 248.
Fig. 23. *Cerithiopsis subantarctica*, Suter. 1.5 × 4.8 mm. p. 249.
Fig. 24. *Neotomiella stiria*, Webster. 2 × 9 mm. p. 250.
Fig. 25. *Seila bulbosa*, Suter. 3 × 13 mm. p. 251.
Fig. 26. *Seila chathamensis*, Suter. 3.2 × 10 mm. p. 252.
Fig. 27. *Seila cochleata*, Suter. 3.8 × 10.5 mm. p. 252.
Fig. 28. *Seila dissimilis*, Suter. 0.8 × 2.5 mm. p. 253.
Fig. 29. *Seila terebelloides*, Martens. 3 × 12 mm. p. 253.

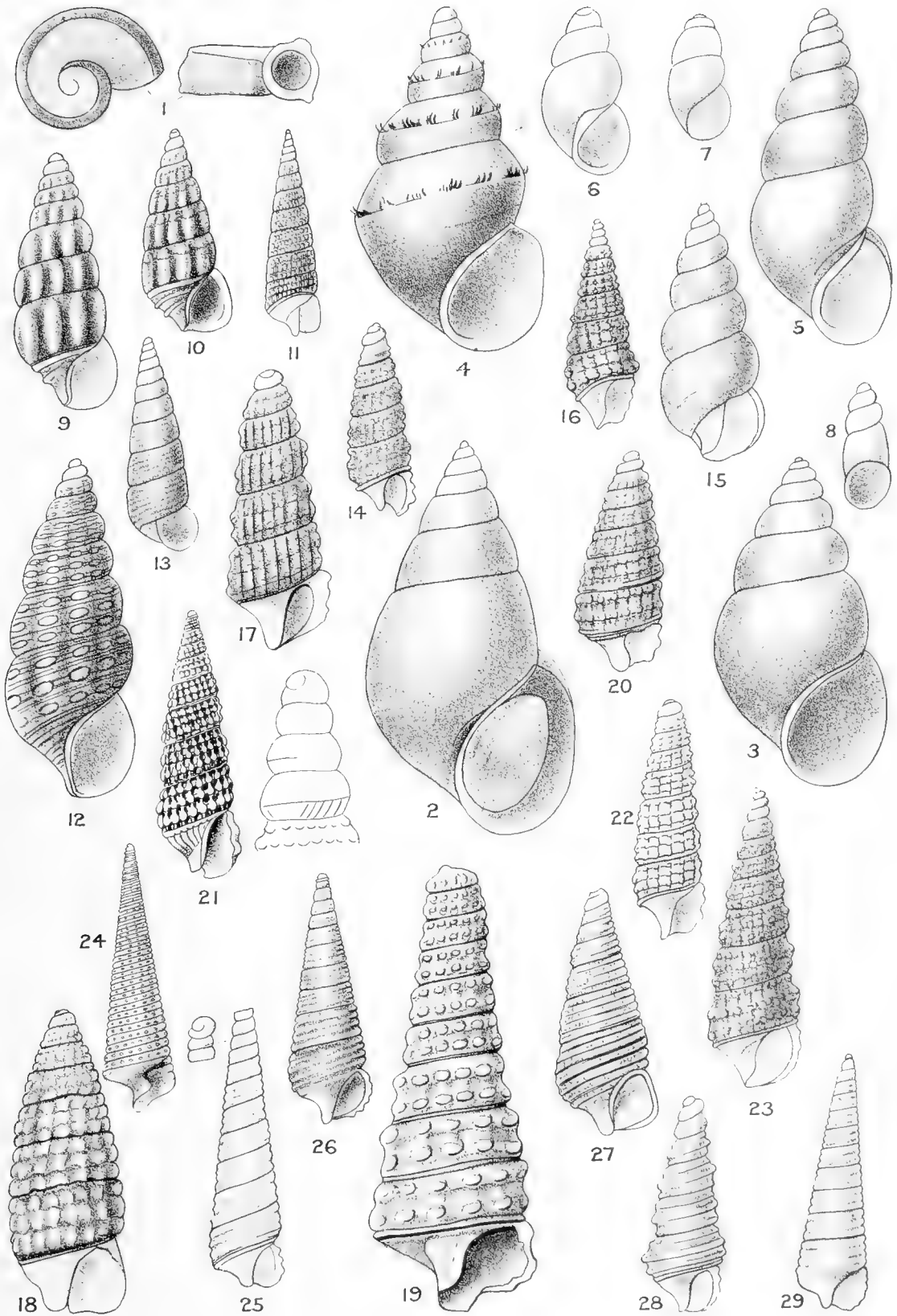


PLATE 15.

- Fig. 1. *Triphora Huttoni*, Suter. 1.5 × 5.2 mm. p. 256.
Fig. 2. *Triphora ampulla*, Hedley. 1.6 × 5 mm. p. 255.
Fig. 3. *Triphora infelix*, Webster. 1.5 × 6 mm. p. 257.
Fig. 4. *Triphora fascelina*, Suter. 1.6 × 4.8 mm. p. 256.
Fig. 5. *Triphora lutea*, Suter. 1.8 × 5.5 mm. p. 258.
Fig. 6. *Stephopoma roseum*, Q. & G. p. 261.
Fig. 7. *Stephopoma nucleogranosum*, Verco. p. 262.
Fig. 8. *Siliquaria Cumingi*, Moerch. p. 263.
Fig. 9. *Cæcum digitatum*, Hedley. 0.5 × 2.3 mm. p. 265.
Fig. 10. *Turritella chordata*, Suter. 3.7 × 10.8 mm. p. 267.
Fig. 11. *Turritella difficilis*, Suter. 6 × 16 mm. p. 268.
Fig. 12. *Mathilda neozelanica*, Suter. 1.2 × 2.5 mm. p. 273.
Fig. 13. *Xenophora corrugata*, Reeve. 68 × 35 mm. p. 278.
Figs. 14, 14a. *Capulus calcareus*, Suter. 8.5 × 11.5 × 5 mm. p. 280.
Figs. 15, 15a. *Neojanacus perplexus*, Suter. 4.6 × 7.7 mm. p. 281.
Fig. 16. *Natica australis*, Hutton. 7.5 × 7.5 mm. p. 289.
Fig. 17. *Ampullina undulata*, Hutton. 21 × 21 mm. p. 291.
Fig. 18. *Ampullina venusta*, Suter. 37 × 40 mm. p. 292.
Fig. 19. *Lippistes Benhami*, Suter. 7 × 6.5 mm. p. 297.
Fig. 20. *Helicæus variegatus*, Gmelin. 13 × 7 mm. p. 317.
Figs. 21, a, b. *Omalaris amara*, Murd. & Sut. 3 × 1 mm. p. 318.



PLATE 16.

- Fig. 1. *Epitonium (Acrilla*) levifoliatum*, Murd. & Sut. 1.6 × 5.7 mm. p. 323.
Fig. 2. *Crossea cancellata*, T.-Woods. 2.5 × 2.6 mm. p. 324.
Figs. 3, 3a. *Crossea glabella*, Murdoch. 1.9 × 1.9 mm. p. 324.
Fig. 4. *Crossea labiata*, T.-Woods. 7.5 × 3.5 mm. p. 325.
Fig. 5. *Aclis semireticulata*, Murd. & Sut. 1.7 × 3.3 mm. p. 326.
Fig. 6. *Aclis succincta*, Suter. 1.1 × 2.6 mm. p. 327.
Fig. 7. *Pyramidella (Eulimella) carna*, Webster. 1.2 × 3.8 mm. p. 329.
Fig. 8. *Pyramidella (Eulimella) levilirata*, Murd. & Sut. 1.4 × 6 mm. p. 329.
Fig. 9. *Pyramidella (Eulimella) limbata*, Suter. 1.5 × 5 mm. p. 330.
Fig. 10. *Pyramidella (Eulimella) lurida*, Suter. 1.6 × 6 mm. p. 331.
Fig. 11. *Pyramidella (Syrnola) pulchra*, Brazier. 1.5 × 4.8 mm. p. 331.
Fig. 12. *Pyramidella (Syrnola) tenuiplicata*, Murd. & Sut. 0.8 × 3.2 mm. p. 332.
Fig. 13. *Tarbovella zealandica*, Hutton. 1.5 × 5 mm. p. 332.
Fig. 14. *Odostomia acutangula*, Suter. 1.4 × 2.7 mm. p. 334.
Fig. 15. *Odostomia bembix*, Suter. 3 × 5 mm. p. 335.
Fig. 16. *Odostomia cryptodon*, Suter. 1.6 × 3 mm. p. 335.
Fig. 17. *Odostomia denselirata*, Suter. 1.2 × 2.5 mm. p. 336.
Fig. 18. *Odostomia dolichostoma*, Suter. 2.1 × 4.2 mm. p. 336.
Fig. 19. *Odostomia hypphala*, Watson. 3 × 6.2 mm. p. 337.
Fig. 20. *Odostomia fastigiata*, Suter. 1.5 × 4.5 mm. p. 337.
Fig. 21. *Odostomia incidata*, Suter. 1.8 × 4.5 mm. p. 338.
Fig. 22. *Odostomia inornata*, Suter. 2.5 × 6.1 mm. p. 338.
Fig. 23. *Odostomia stygia*, Suter. 2.3 × 4.5 mm. p. 339.
Fig. 24. *Odostomia Murdochi*, Suter. 1.8 × 3.9 mm. p. 340.

* Not *Acrillus*: vide Manual, p. 322.

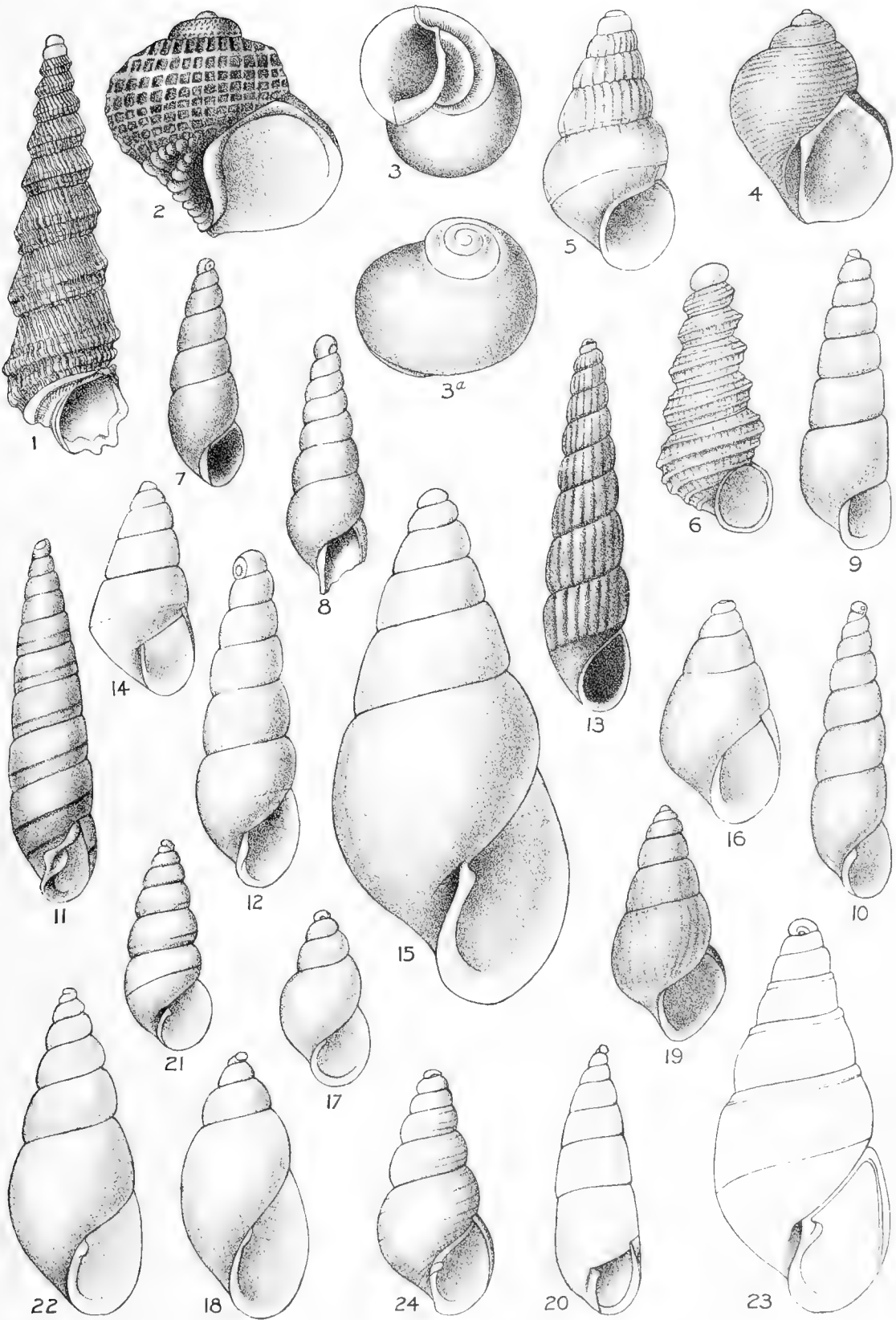


PLATE 17.

- Fig. 1. *Odostomia pudica*, Suter. 2.4 × 5.6 mm. p. 310.
Fig. 2. *Odostomia takapunaensis*, Suter. 2.2 × 4 mm. p. 341.
Fig. 3. *Odostomia taumakiensis*, Suter. 1.5 × 3.2 mm. p. 341.
Fig. 4. *Odostomia vestalis*, Murdoch. 1.6 × 4.3 mm. p. 342.
Fig. 5. *Odostomia chordata*, Suter. 1.9 × 3.8 mm. p. 342.
Fig. 6. *Odostomia impolita*, Hutton. 2.2 × 4.2 mm. p. 343.
Fig. 7. *Odostomia livivincta*, Suter. 1.5¹ × 3.3 mm. p. 343.
Fig. 8. *Odostomia rugata*, Hutton. 1.8 × 3.7 mm. p. 344.
Fig. 9. *Odostomia sabulosa*, Suter. 1.8 × 4.2 mm. p. 345.
Fig. 10. *Eulima aucklandica*, Suter. 2.4 × 6.4 mm. p. 347.
Fig. 11. *Eulima infrapatula*, Murd. & Sut. 2.1 × 5 mm. p. 347.
Fig. 12. *Eulima oryzae*, Suter. 1.8 × 5.1 mm. p. 348.
Fig. 13. *Eulima parillus*, Hedley. 0.8 × 2.9 mm. p. 348.
Fig. 14. *Eulima titahica*, Suter. 1.4 × 4 mm. p. 349.
Fig. 15. *Eulima Treadwelli*, Hutton. 2 × 6 mm. p. 349.
Fig. 16. *Eulima truncata*, Suter. 1 × 3 mm. p. 350.*
Fig. 17. *Eulima vegrandis*, Murd. & Sut. 1.9 × 6.9 mm. p. 350.
Fig. 18. *Eulima Murdochii*, Hedley. 0.9 × 2.6 mm. p. 351.
Figs. 19, 19a. *Eulima bulbula*, Murd. & Sut. 3 × 13 mm. p. 351.
Fig. 20. *Carinariia australis*, Q. & G. Shell, 6.2 × 12.5 mm. p. 353.
Fig. 21. *Pterotrachea coronata*, Forskal. Length, 320 mm. p. 354.

* Not 450, as erroneously printed in the index of the Manual.

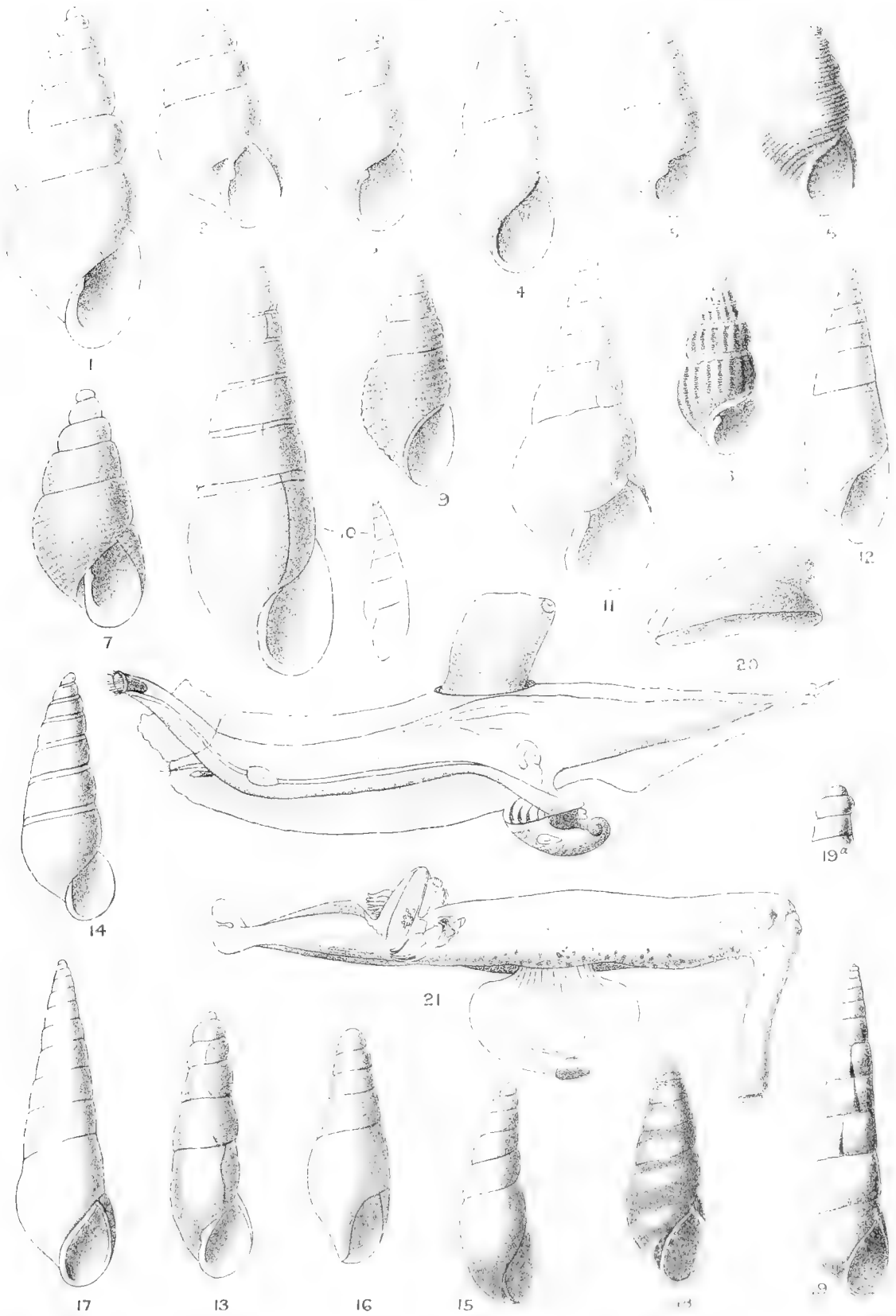


PLATE 18.

- Fig. 1. *Megalatractus marinus*, Tryon. 68 × 145 mm. p. 356.
Fig. 2. *Laticrus Huttoni*, Suter. 10.5 × 18 mm. p. 358.
Fig. 3. *Mitra Hedleyi*, Murdoch. 2.6 × 5.4 mm. p. 361.
Fig. 4. *Verillum marginatum*, Hutton. 2.8 × 5 mm. p. 363.
Fig. 5. *Verillum pseudomarginatum*, Suter. 2.5 × 6.2 mm. p. 364.
Fig. 6. *Verillum planatum*, Hutton. 4 × 11 mm. p. 365.
Fig. 7. *Verillum rubiginosum*, Hutton. 3.8 × 7.5 mm. p. 366.
Fig. 8. *Verillum Waitei*, Suter. 2.7 × 6.5 mm. p. 367.
Fig. 9. *Siphonalia valedicta*, Watson. 22 × 50.8 mm. p. 372.
Fig. 10. *Euthria Strebli*, Suter. 15 × 2.8 mm. p. 378.
Fig. 11. *Cominella Quoyi*, Kiener. 17 × 31.5 mm. p. 389.
Fig. 12. *Cantharus fuscozonatus*, Suter. 14 × 26 mm. p. 394.
Fig. 13. *Cantharus Colensoi*, Suter. 10 × 18 mm. p. 394.

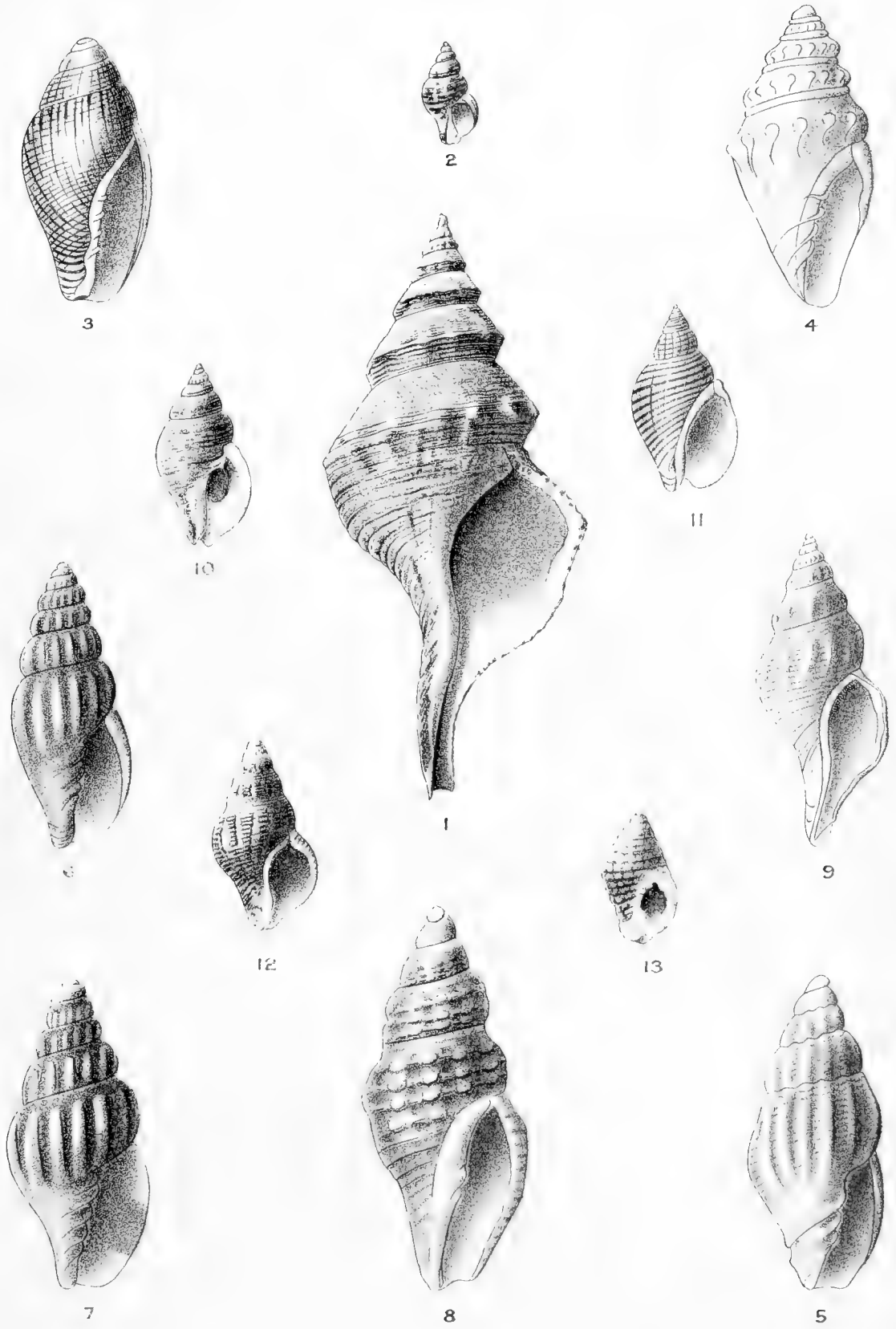


PLATE 19.

- Fig. 1. *Alectrion dissimilis*, Watson. 9.2 × 14 mm. p. 396.
Fig. 2. *Alectrion ephamilla*, Watson. 8.2 × 14.7 mm. p. 396.
Fig. 3. *Trophon squamatus*, Hutton. 10 × 17 mm. p. 409.
Fig. 4. *Trophon aucklandicus*, E. A. Smith. Teeth of radula : operculum. p. 411.
Fig. 5. *Trophon convexus*, Suter. 3.5 × 7 mm. p. 411.
Fig. 6. *Trophon curtus*, Murdoch. 2.6 × 5.7 mm. p. 413.
Fig. 7. *Trophon erectus*, Suter. 4.3 × 8.3 mm. p. 414.
Fig. 8. *Trophon waihipicola*, Webster. 5 × 10 mm. p. 417.
Fig. 9. *Trophon crispulatus*, Suter. 4.9 × 4 mm. p. 418.
Fig. 10. *Trophon pusillus*, Suter. 3.5 × 6 mm. p. 419.
Fig. 11. *Drupa Smithi*, Brazier (— *Bollonsi*, Suter). 19 × 32 mm. pp. 428, 1083.
Fig. 12. *Admete Trailli*, Hutton. 4.5 × 7.5 mm. p. 429.
Fig. 13. *Mitrella choava*, Reeve. 3 × 6.5 mm. p. 431.
Fig. 14. *Mitrella leptalea*, Suter. 1.8 × 4.5 mm. p. 432.
Fig. 15. *Mitrella parillus*, Murdoch. 2 × 5 mm. p. 433.
Fig. 16. *Mitrella pseudomarginata*, Suter. 2.7 × 6.6 mm. p. 433.
Fig. 17. *Mitrella rosea*, Hutton. 2.5 × 5 mm. p. 434.
Fig. 18. *Mitrella stephanophora*, Suter. 2.4 × 4.5 mm. p. 435.
Fig. 19. *Mitrella subantarctica*, Suter. 2.7 × 5.4 mm. p. 435.
Fig. 20. *Mitrella Websteri*, Suter. 1 × 3 mm. p. 436.
Fig. 21. *Anachis nodicineta*, Suter. 2.7 × 6.5 mm. p. 436.
Fig. 22. *Anachis subabnormis*, Suter. 2.7 × 5.9 mm. p. 437.
Fig. 23. *Alcira angulata*, Suter. 3 × 7.1 mm. p. 438.
Fig. 24. *Alcira levigata*, Suter. 1.8 × 4.1 mm. p. 439.
Fig. 25. *Alcira sanguinea*, Suter. 2.7 × 6.2 mm. p. 439.

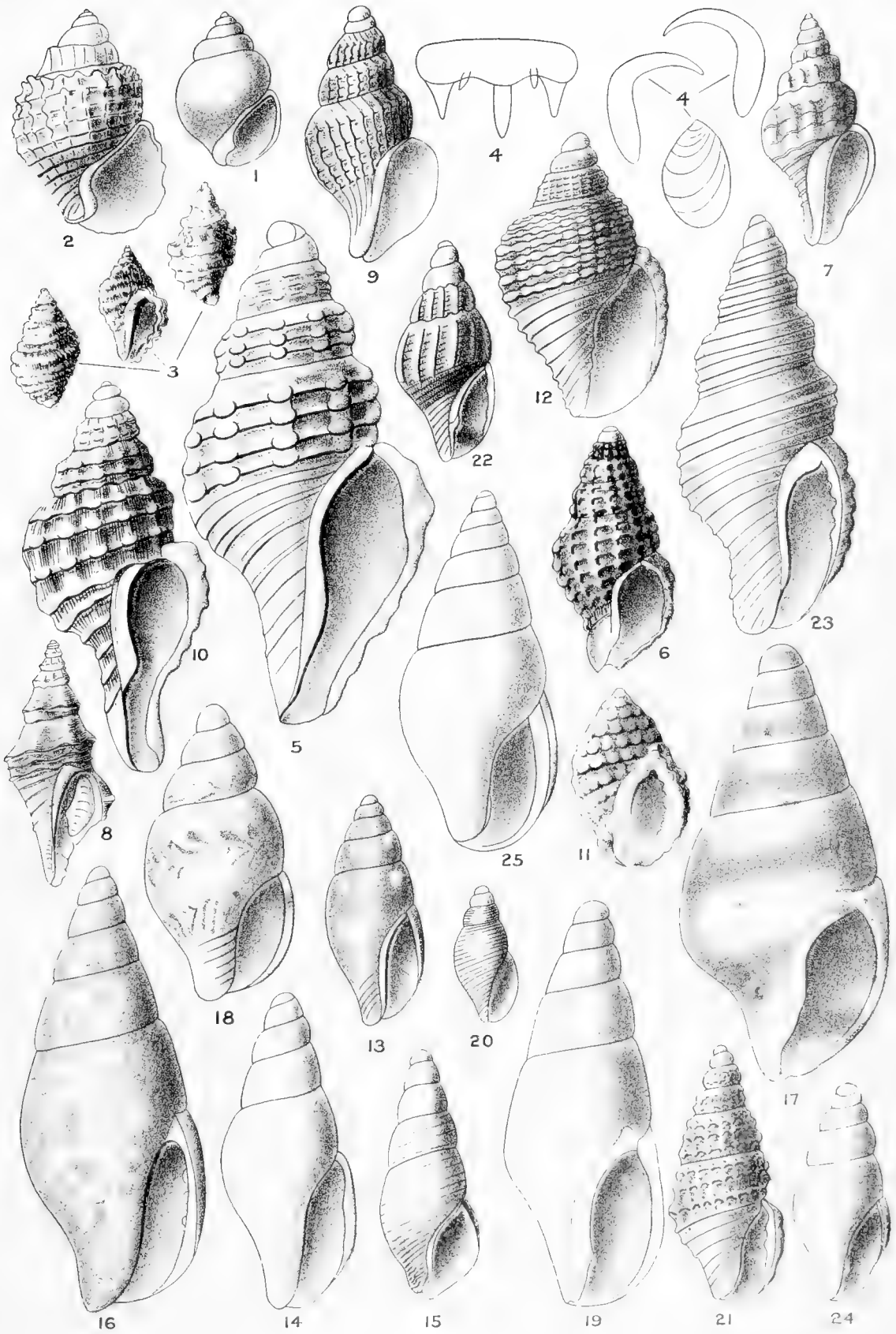


PLATE 20.

- Fig. 1. *Aleira sulcata*, Hutton. 2.5 × 6 mm. p. 440.
Fig. 2. *Aleira Suteri*, Murdoch. 1.7 × 4.6 mm. p. 440.
Fig. 3. *Aleira transitans*, Murdoch. 2.2 × 5.1 mm. p. 441.
Fig. 4. *Aleira varians*, Hutton. 3.7 × 9.5 mm. p. 442.
Fig. 5. *Atilia biconica*, Suter. 2.1 × 4.7 mm. p. 443.
Fig. 6. *Atilia darmona*, Webster. 2 × 6 mm. p. 443.
Fig. 7. *Fulguraria Hedleyi*, Murd. & Sut. 18 × 61 mm. p. 448.
Fig. 8. *Fulguraria lutea*, Watson. 31.6 × 70 mm. p. 449.
Fig. 9. *Marginella fusula*, Murd. & Sut. 3.1 × 6.9 mm. p. 457.
Fig. 10. *Marginella Stewartiana*, Suter. 2.3 × 4.6 mm. p. 458.
Fig. 11. *Marginella Allporti*, T.-Woods. 2.5 × 4.6 mm. p. 459.
Fig. 12. *Marginella albescens*, Hutton. 2.5 × 5 mm. p. 460.
Fig. 13. *Marginella mustelina*, Angas. 4.2 × 8.3 mm. p. 460.
Fig. 14. *Marginella amana*, Suter. 2.4 × 4.2 mm. p. 462.
Fig. 15. *Marginella hebescens*, Murd. & Sut. 2.1 × 3.8 mm. p. 462.
Fig. 16. *Marginella lurida*, Suter. 1.5 × 3 mm. p. 463.
Fig. 17. *Marginella parvistriata*, Suter. 1.7 × 3.1 mm. p. 464.
Figs. 18, 18a. *Marginella plicatula*, Suter. 1.7 × 3 mm. p. 465.
Fig. 19. *Marginella pygmaea*, Sowerby. 4 × 7 mm. p. 465.
Fig. 20. *Marginella turbinata*, Sowerby. 5 × 9 mm. p. 466.
Fig. 21. *Cryptospira ficula*, Murd. & Sut. 2.2 × 3.5 mm. p. 467.
Fig. 22. *Cryptospira profunda*, Suter. 3.8 × 5.8 mm. p. 467.

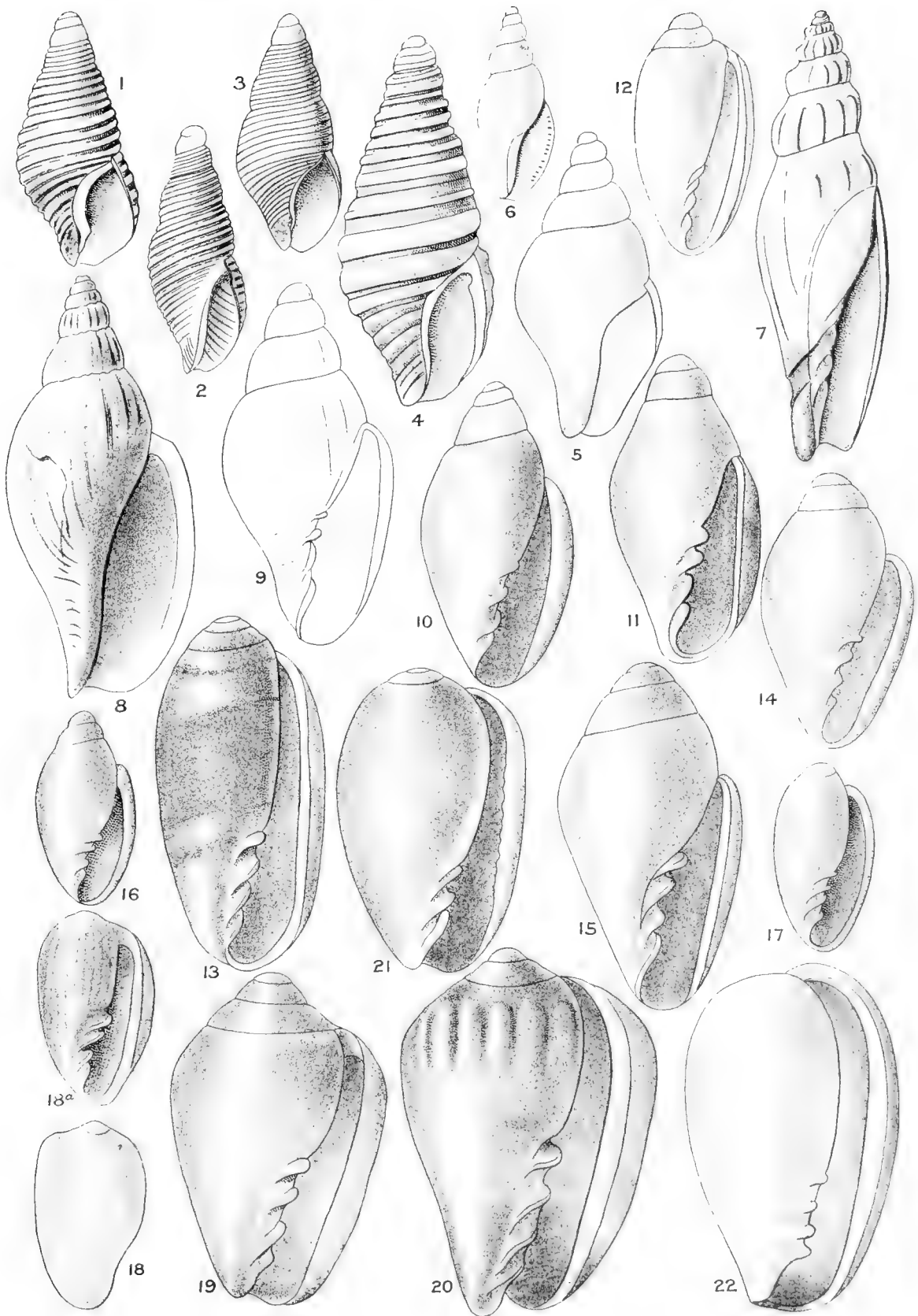


PLATE 21.

- Fig. 1. *Tarris alticinctus*, Murd. & Sut. 5.7 × 15.7 mm. p. 469.
Fig. 2. *Tarris ischnus*, Watson. 2.2 × 8.5 mm. p. 470.
Fig. 3. *Tarris angustus*, Murd. & Sut. 3.9 × 10.3 mm. p. 472.
Fig. 4. *Tarris eremitus*, Murd. & Sut. 2.1 × 5.8 mm. p. 472.
Figs. 5, a. *Drillia chordata*, Suter. 3.9 × 9 mm. p. 475.
Fig. 6. *Drillia multipler*, Webster. 2.5 × 5.5 mm. p. 476.
Fig. 7. *Drillia lygallensis*, Murdoch. 4.6 × 12 mm. p. 482.
Fig. 8. *Drillia verrucosa*, Suter. 4 × 9.5 mm. p. 479.
Fig. 9. *Drillia optabilis*, Murd. & Sut. 3.9 × 10.7 mm. p. 478.
Fig. 10. *Spirotropis balluacea*, Watson. 5.7 × 13 mm. p. 483.
Fig. 11. *Bela neozelanica*, Suter. 4.8 × 10 mm. p. 484.
Fig. 12. *Bela ula*, Watson. 3 × 6 mm. p. 485.
Fig. 13. *Sarcida gypsata*, Watson. 19 × 14.5 mm. p. 486.
Fig. 14. *Mitromorpha gemmata*, Suter. 3.1 × 7.2 mm. p. 487.
Fig. 15. *Mitromorpha substriata*, Suter. 2.2 × 5.5 mm. p. 489.
Fig. 16. *Bathytoma albala*, Hutton. 3.7 × 9 mm. p. 490.
Fig. 17. *Bathytoma engonia*, Watson. 13 × 31.9 mm. p. 492.
Fig. 18. *Bathytoma gratiosa*, Suter. 2 × 3.7 mm. p. 493.
Fig. 19. *Bathytoma nodilirata*, Murd. & Sut. 8.5 × 19.6 mm. p. 493.
Fig. 20. *Mangilia cophinodes*, Suter. 3.1 × 7 mm. p. 496.
Fig. 21. *Mangilia devia*, Suter. 3 × 7.2 mm. p. 496.
Fig. 22. *Mangilia dictyola*, Hutton. 3 × 6 mm. p. 497.
Figs. 23, 23a. *Mangilia epentroma*, Murdoch. 2.1 × 5.7 mm. p. 498.
Fig. 24. *Mangilia flexicostata*, Suter. 1.2 × 2.2 mm. p. 499.

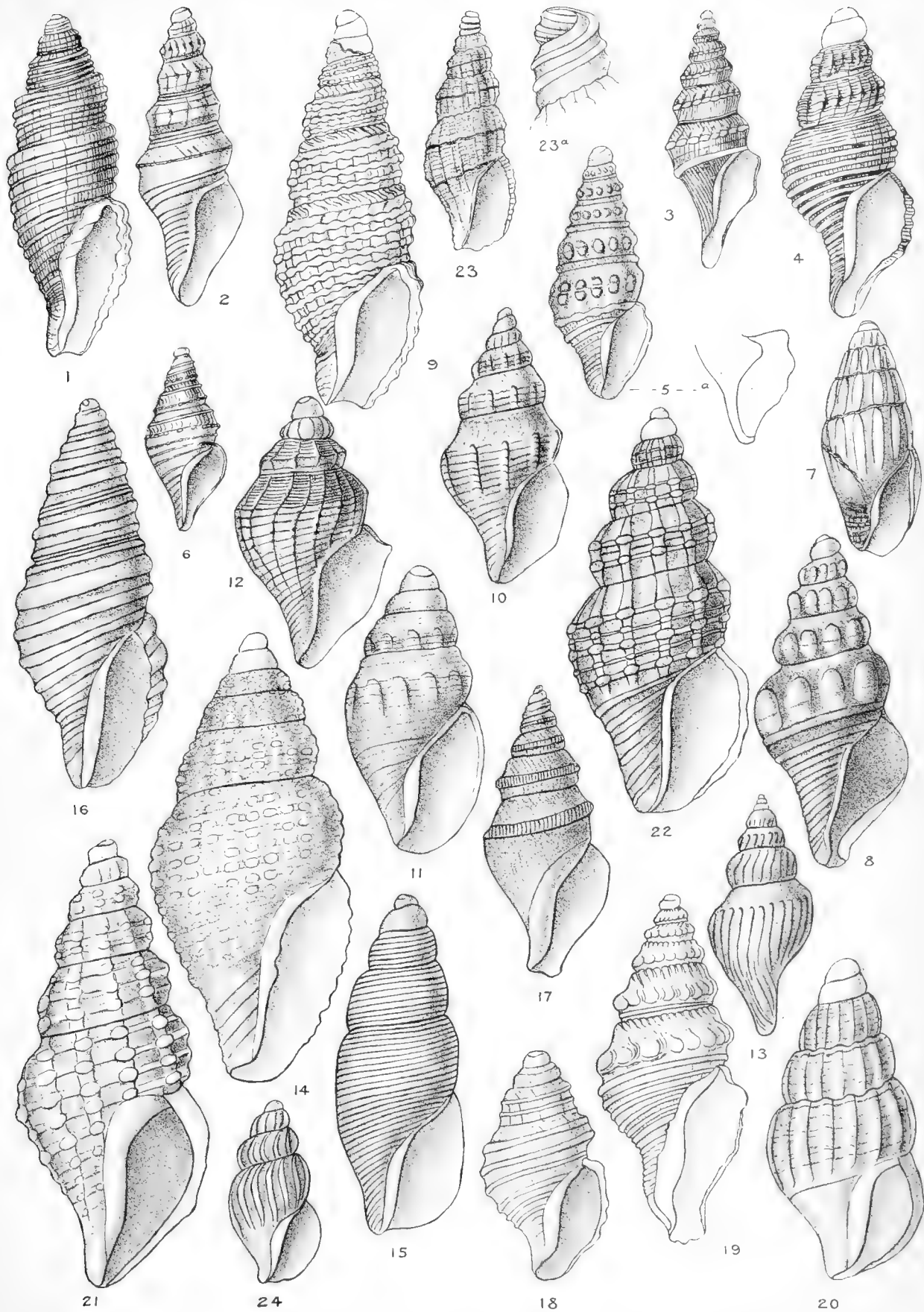


PLATE 22.

- Fig. 1. *Mangilia Goodingi*, E. A. Smith. 2.7 × 7.5 mm. p. 500.
 Fig. 2. *Mangilia infanda*, Webster. 3 × 6 mm. p. 500.
 Fig. 3. *Mangilia munda*, Suter. 3.2 × 7.5 mm. p. 501.
 Fig. 4. *Mangilia murrea*, Webster. 3 × 5 mm. p. 501.
 Fig. 5. *Mangilia protensa*, Hutton. 2.5 × 8.3 mm. p. 502.
 Fig. 6. *Mangilia quadricincta*, Suter. 2.1 × 4.4 mm. p. 503.
 Fig. 7. *Mangilia Sinclairi*, E. A. Smith. 4.5 × 11 mm. p. 504.
 Fig. 8. *Mangilia subaustralis*, Suter. 4.5 × 11.5 mm. p. 505.
 Fig. 9. *Daphnella acicula*, Suter. 1.3 × 3.6 mm. p. 506.
 Fig. 10. *Daphnella aculeata*, Webster. 3.3 × 6 mm. p. 507.
 Fig. 11. *Daphnella amphipsila*, Suter. 1.6 × 3.5 mm. p. 507.
 Fig. 12. *Daphnella chariessa*, Suter. 1.7 × 4.5 mm. p. 508.
 Fig. 13. *Daphnella conquisita*, Suter. 2.2 × 6 mm. p. 509.
 Fig. 14. *Daphnella crassilirata*, Suter. 1.5 × 3.2 mm. p. 509.
 Fig. 15. *Daphnella psila*, Suter. 2.6 × 6 mm. p. 510.
 Fig. 16. *Daphnella tenuistriata*, Suter. 2 × 5 mm. p. 511.
 Fig. 17. *Daphnella tolorirata*, Suter. 1.1 × 2.8 mm. p. 511.
 Fig. 18. *Daphnella membranacea*, Watson. 13.5 × 22 mm. p. 512.
 Fig. 19. *Daphnella xanthias*, Watson. 10.2 × 19.5 mm. p. 513.
 Fig. 20. *Terebra flexicostata*, Suter. 5 × 18.5 mm. p. 514.
 Fig. 21. *Acteon eraticulatus*, Murd. & Sut. 4.5 × 9 mm. p. 518.
 Fig. 22. *Pupa affinis*, A. Adams. 6.5 × 14 mm. p. 519.
 Fig. 23. *Pupa alba*, Hutton. 5.5 × 12 mm. p. 520.
 Fig. 24. *Pupa gracilis*, T. W. Kirk. 8 × 20 mm. p. 520.
 Fig. 25. *Leucotina pura*, A. Adams. Height, 9 mm. p. 521.
 Fig. 26. *Bullina scabra*, Gmelin. 6.5 × 9 mm. p. 522.
 Fig. 27. *Ringicula delecta*, Murd. & Sut. 2.9 × 4.4 mm. p. 523.
 Fig. 28. *Tornatina biplicata*, Suter. 2 × 3.8 mm. p. 525.
 Fig. 29. *Tornatina Charlotta*, Suter. 1.6 × 3.1 mm. p. 525.
 Fig. 30. *Tornatina Cookiana*, Suter. 1.5 × 3.2 mm. p. 525.
 Fig. 31. *Tornatina decapitata*, Suter. 1.5 × 2.8 mm. p. 526.
 Figs. 32, a. *Tornatina Murdochi*, Suter. 2.2 × 4.4 mm. p. 526.
 Figs. 33, a. *Tornatina oruaensis*, Webster. 1.2 × 3 mm. p. 527.
 Fig. 34. *Tornatina pachys*, Watson. 3.5 × 5.7 mm. p. 527.

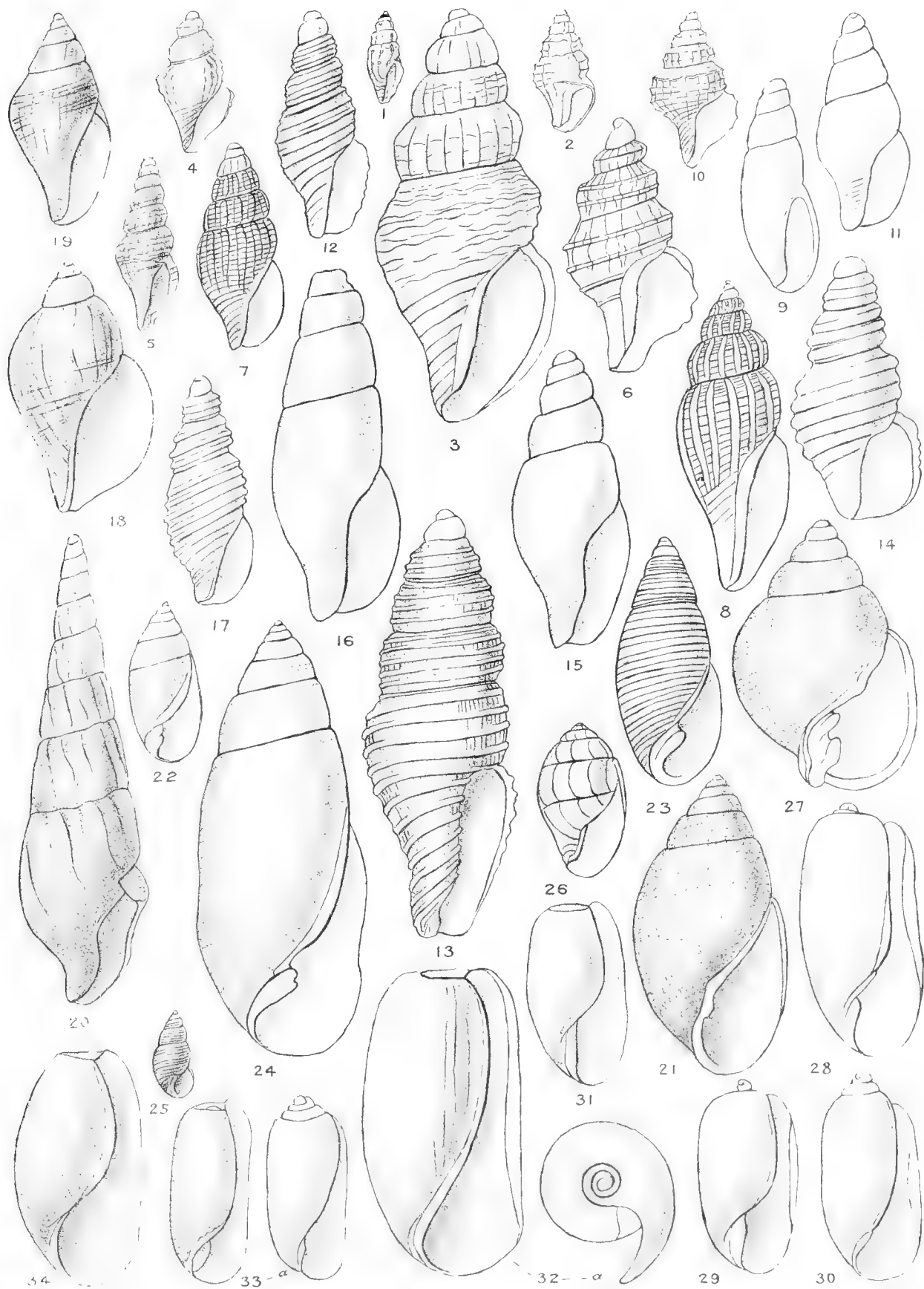


PLATE 23.

- Fig. 1. *Tornatina tenuilirata*, Suter. 1.6 × 3.2 mm. p. 528.
- Fig. 2. *Volvulella reflera*, Hutton. 1.7 × 5 mm. p. 529.
- Fig. 3. *Cylichnella pygmaea*, A. Adams. 2 × 4.5 mm. p. 531.
- Fig. 4. *Cylichnella striata*, Hutton. 1.9 × 3.8 mm. p. 531.
- Fig. 5. *Cylichnella Thetidis*, Hedley. 4.5 × 11.5 mm. p. 532.
- Fig. 6. *Acera tumida*, A. Adams. 10.5 × 16 mm. p. 537.
- Fig. 7. *Philine constricta*, Murd. & Sut. 3 × 5 mm. p. 540.
- Figs. 8 & 8c. *Philine constricta auriformis*, Suter. 8, Animal; 8a, shell; 8b, stomach-plate; 8c, tooth of radula. p. 540.
- Fig. 9. *Philine umblicata*, Murd. & Sut. 2.3 × 3.5 mm. p. 541.
- Figs. 10, a, b. *Aglaja cylindrica*, Cheeseman. 10, Animal; 10, a, b, shell. p. 543.
- Fig. 11. *Tethys brunnea*, Hutton. 18 × 23 mm. p. 545.
- Fig. 12. *Tethys Tryoni*, Meinertzhagen. 17 × 28.5 mm. p. 545.
- Fig. 13. *Tethys venosa*, Hutton. 25.5 × 31.5 mm. p. 546.
- Figs. 14, a. *Umbraculum umbellum*, Martyn. 70 × 88 mm. p. 549.
- Figs. 15, 15a, 15b. *Pleurobranchus ornatus*, Cheeseman. a, Plates of jaw. $2\frac{4}{1}^0$; b, teeth of radula, $2\frac{4}{1}^0$; c, genital orifices. p. 550.
- Fig. 16. *Pleurobranchus aurantiacus*, Risso. p. 551.
- Fig. 17. *Pleurobranchata maculata*, Q. & G. p. 552.
- Figs. 18, a. *Atagema carinata*, Q. & G. p. 571.
- Fig. 19. *Eolis gracilis*. T. W. Kirk. p. 580.
- Fig. 20. *Eolidia longicauda*, Q. & G. p. 583.
- Fig. 21. *Fiona marina*, Forskal. p. 586.
- Fig. 22. *Stiliger felinus*, Hutton. p. 587.
- Figs. 23, a d. *Rostanga muscula*, Abraham. Teeth of radula. p. 566.
- Figs. 24, a d. *Alloiodoris lanuginata*, Abraham. Teeth of radula. p. 568.

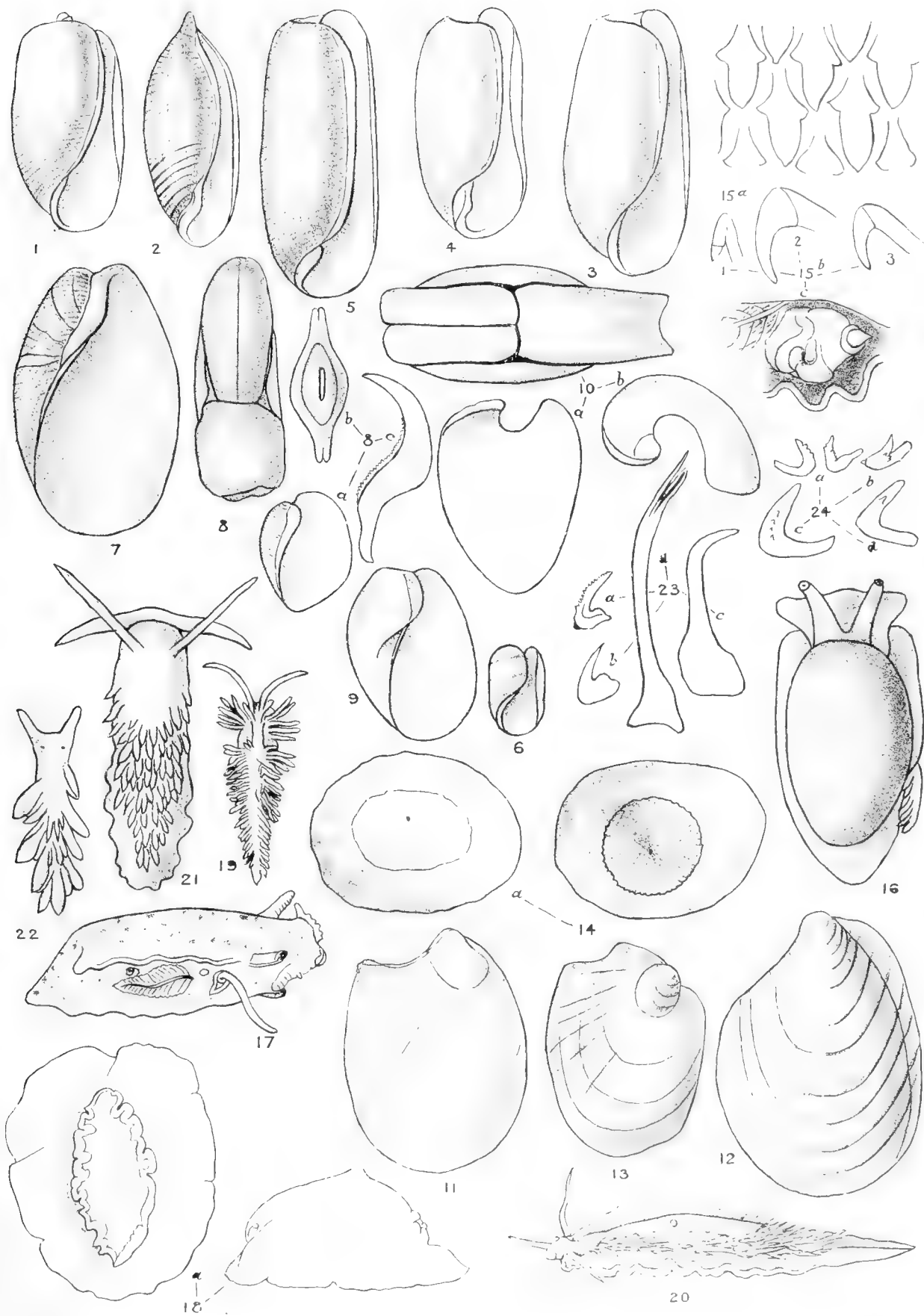


PLATE 24.

- Fig. 1. *Ophicardelus australis*, Q. & G. 17 × 13.5 mm. p. 590.
Fig. 2. *Marinula Filholi*, Hutton. 5 × 9 mm. p. 591.
Fig. 3. *Leuconia inermis*, Hedley. 1.1 × 3 mm. p. 592.
Fig. 4. *Leuconia obsoleta*, Hutton. 1.7 × 3.1 mm. p. 593.
Fig. 5. *Cremnobates parva*, Swainson. 5 × 7.5 mm. p. 594.
Fig. 6. *Siphonaria australis*, Q. & G. 10.5 × 14.5 mm. p. 598.
Figs. 7, a, b. *Siphonaria Cookiana*, Suter. 9 × 12 mm. p. 599.
Fig. 8. *Siphonaria zelandica*, Q. & G. 16.8 × 19 mm. p. 600.
Fig. 9. *Gulvinia conica*, Angas (= *nivea*, Hutton). 18 × 20.5 mm. pp. 603, 1083.
Fig. 10. *Lymnoëa Alfredi*, Suter. 4 × 7.5 mm. p. 604.
Fig. 11. *Lymnoëa leptosoma*, Hutton. 6.7 × 12 mm. p. 605.
Fig. 12. *Lymnoëa pusilla*, Hutton. 2.5 × 4 mm. p. 605.
Fig. 13. *Lymnoëa tenuella*, Hutton. 1.7 × 4.5 mm. p. 606.
Fig. 14. *Amphipeplea ampulla*, Hutton. 6.7 × 10.2 mm. p. 607.
Fig. 15. *Amphipeplea arguta*, Hutton. 4.5 × 7.5 mm. p. 608.
Figs. 16, a. *Planorbis corinna*, Gray. 4.5 × 1.1 mm. p. 610.
Fig. 17. *Isidora antipodea*, Sowerby. 12 × 22 mm. p. 611.
Fig. 18. *Isidora Hochstetteri*, Dunker. 9 × 17 mm. p. 611.
Fig. 19. *Isidora lirata*, T.-Woods. 5 × 10 mm. p. 612.
Figs. 20, a. *Isidora lirata conferta*, Suter. 7 × 11 mm. p. 613.
Fig. 21. *Isidora novee-zelandiae*, Sowerby. 12 × 17 mm. p. 613.
Fig. 22. *Isidora tabulata*, Gould. 16 × 22 mm. p. 614.
Fig. 23. *Isidora tabulata moesta*, H. Adams. 11 × 17 mm. p. 614.
Fig. 24. *Latia neritoides*, Gray. 8.5 × 6 mm. p. 616.
Fig. 25. *Gundlachia Lucasi*, Suter. 3 × 2 mm. p. 617.
Figs. 26, a. *Gundlachia novee-zelandica*, Suter. 3 × 2 × 0.7 mm. p. 617.

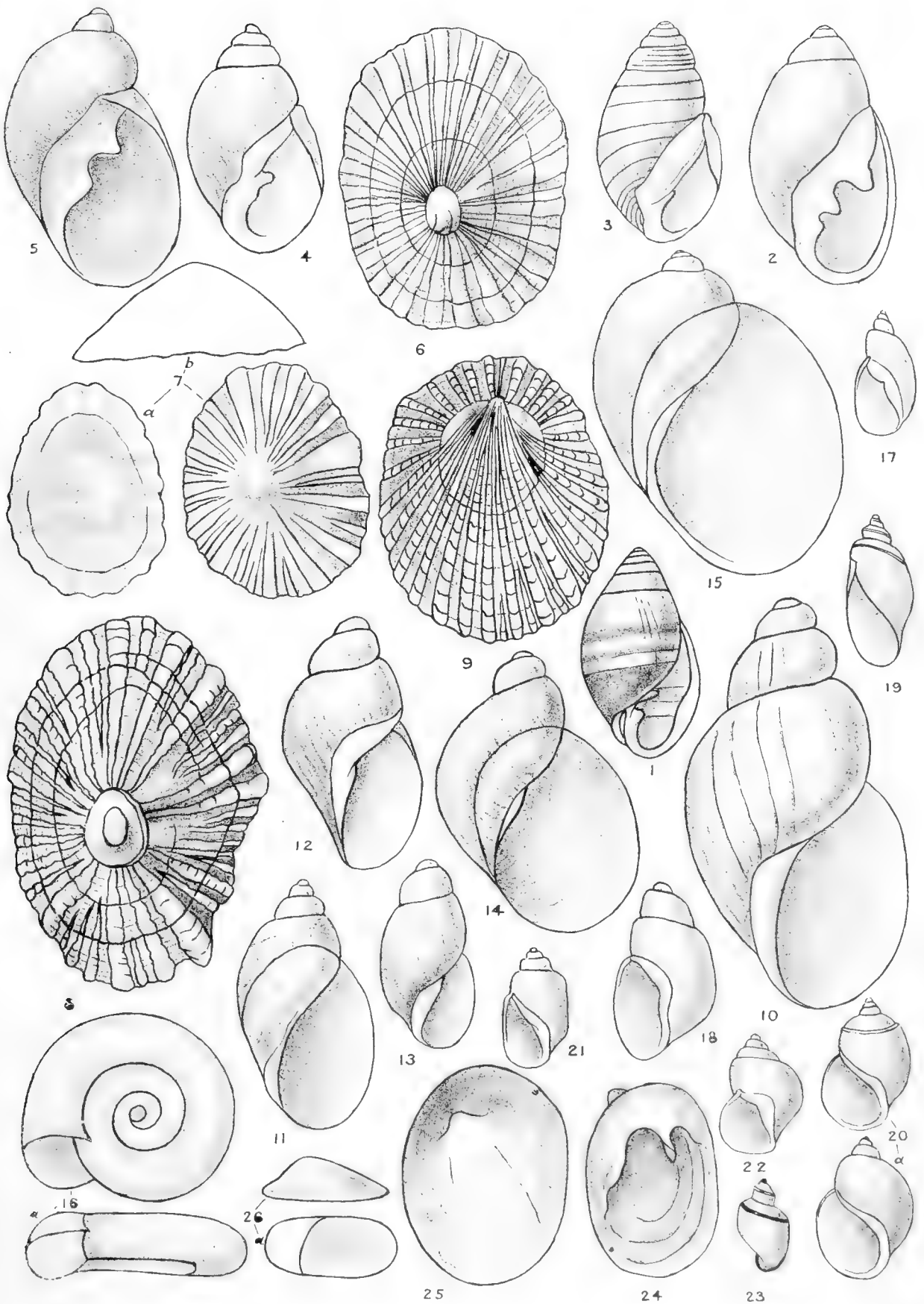


PLATE 25.

- Figs. 1, *a, b. Fretum Novaræ*, Pfr. 6×2.2 mm. p. 619.
- Figs. 2, *a. Otoconcha dimidiata*, Pfr. Length of animal, 25 mm. ; shell, 5×3.5 mm.
p. 620.
- Figs. 3, *a, b. Phacussa Helmsi*, Hutton. 9×5.7 mm. p. 624.
- Figs. 4, *a, b. Phacussa hypopolia*, Pfr. 6.5×3.3 mm. p. 626.
- Figs. 5, *a, b. Thalassohelix Laingi*, Suter. 14×9 mm. p. 630.
- Figs. 6, *a, b. Thalassohelix zelandica*, Gray. 9.5×5.5 mm. p. 631.
- Figs. 7, *a, b. Thalassohelix ziczac*, Gould. 8×4 mm. p. 632.
- Figs. 8, *a, b. Gerontia Cordelia*, Hutton. 8×4.5 mm. p. 634.
- Figs. 9, *a, b. Gerontia pantherina*, Hutton. 9.5×4 mm. p. 634.
- Figs. 10, *a, b. Allodiscus Adriana*, Hutton. 4×1.7 mm. p. 637.
- Figs. 11, *a, b. Allodiscus chion*, Sykes. 5×3 mm. p. 638.
- Figs. 12, *a, b. Allodiscus Goleti*, Suter. 4.5×2.5 mm. p. 640.
- Figs. 13, *a, b. Allodiscus Mossi*, Murdoch. 5×2.8 mm. p. 642.
- Figs. 14, *a, b. Allodiscus planulatus*, Hutton. 3.7×2 mm. p. 643.
- Figs. 15, *a, b. Allodiscus Tallia*, Gray. 4.5×2 mm. p. 646.
- Figs. 16, *a, b. Allodiscus Urquharti*, Suter. 1.5×1 mm. p. 647.
- Figs. 17, *a, b. Allodiscus venulatus*, Pfr. 6×3 mm. p. 647.
- Figs. 18, *a, b. Allodiscus wairouensis*, Suter. 3.2×2 mm. p. 648.
- Figs. 19, *a, b. Thermia expeditionis*, Suter. 2.9×2 mm. p. 650.
- Figs. 20, *a, b. Thermia virescens*, Suter. 9×5.5 mm. p. 651.

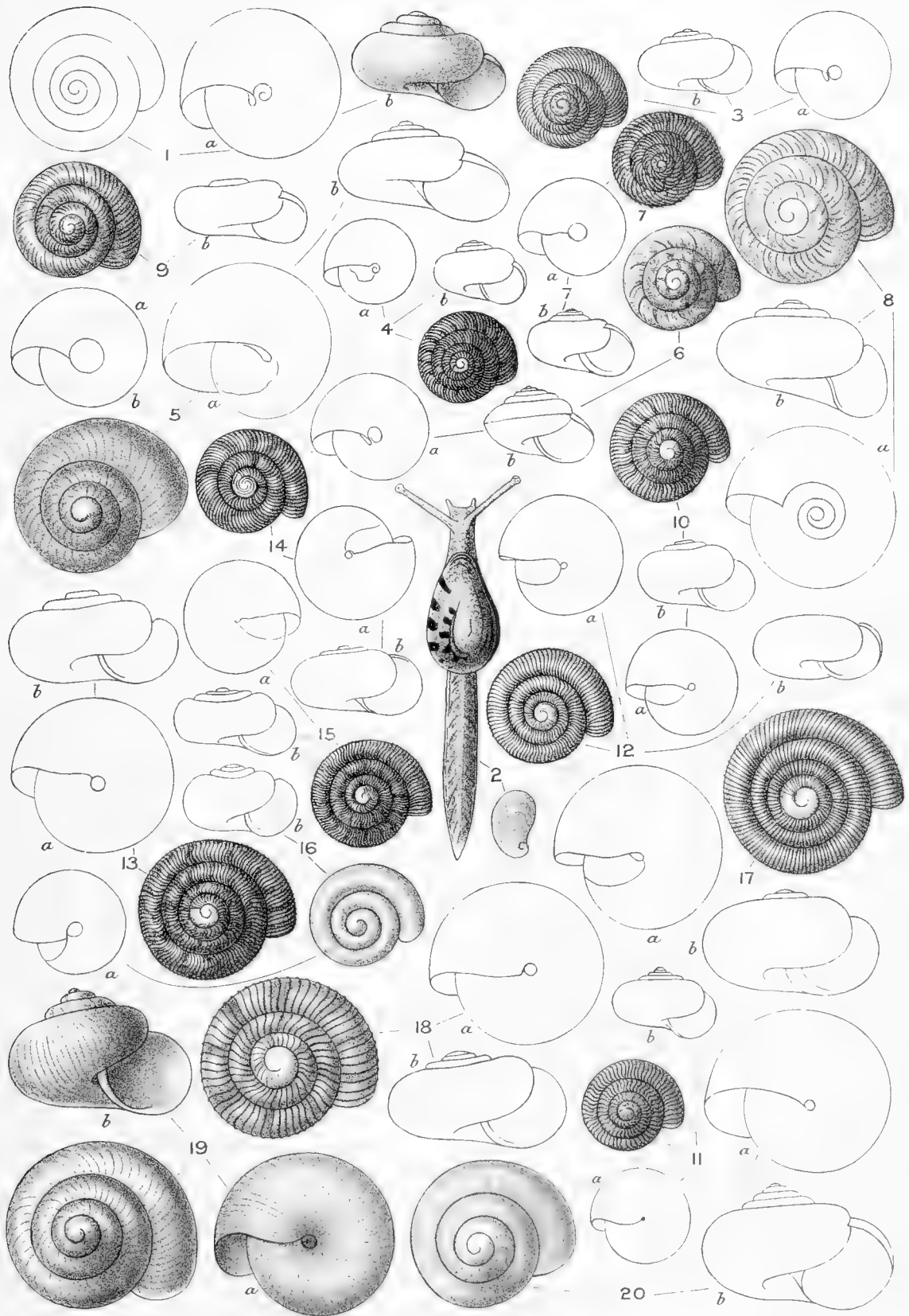


PLATE 26.

- Fig. 1. *Serplo Mattheysi*, Suter. 7.5 × 6 mm. p. 654.
Figs. 2, *a, b*. *Therasia antipoda*, H. & J. 7 × 4 mm. p. 655.
Fig. 3. *Therasia antipoda chathamensis*, Suter. 7.1 × 4 mm. p. 656
Figs. 4, *a, b*. *Therasia Celine*, Gray. 4 × 2.3 mm. p. 656.
Figs. 5, *a, b*. *Phenacohelix chordata*, Pfr. 3.7 × 3 mm. p. 664.
Figs. 6, *a, b*. *Phenacohelix perpleta*, Murdoch. 6.8 × 4.5 mm. p. 665.
Figs. 7, *a, b*. *Phenacohelix pilula*, Reeve. 3.5 × 2.5 mm. p. 666.
Figs. 8, *a, b*. *Phenacohelix Pousonbyi*, Suter. 6 × 3.2 mm. p. 667.
Figs. 9, *a, b*. *Phenacohelix Stokesi*, E. A. Smith. 7.5 × 4 mm. p. 668.
Figs. 10, *a, b*. *Phenacohelix subantarctica*, Suter. 3 × 2.1 mm. p. 669.
Figs. 11, *a, b*. *Sateria Ide*, Gray. 8 × 4 mm. p. 670.
Figs. 12, *a, b*. *Flammulina alpina*, Suter. 8 × 3.5 mm. p. 672.
Figs. 13, *a, b*. *Flammulina Chiron*, Gray. 6 × 3 mm. p. 673.
Figs. 14, *a, b*. *Flammulina compressicolata*, Reeve. 9.5 × 3.5 mm. p. 674
Figs. 15, *a, b*. *Flammulina costulata*, Hutton. 3.6 × 2.2 mm. p. 675.
Figs. 16, *a, b*. *Flammulina crebriflammis*, Pfr. 7 × 3 mm. p. 676.
Figs. 17, *a, b*. *Flammulina olivacea*, Suter. 5 × 3.5 mm. p. 679.
Figs. 18, *a, b*. *Flammulina phlogophora*, Pfr. 7 × 3.5 mm. p. 680.

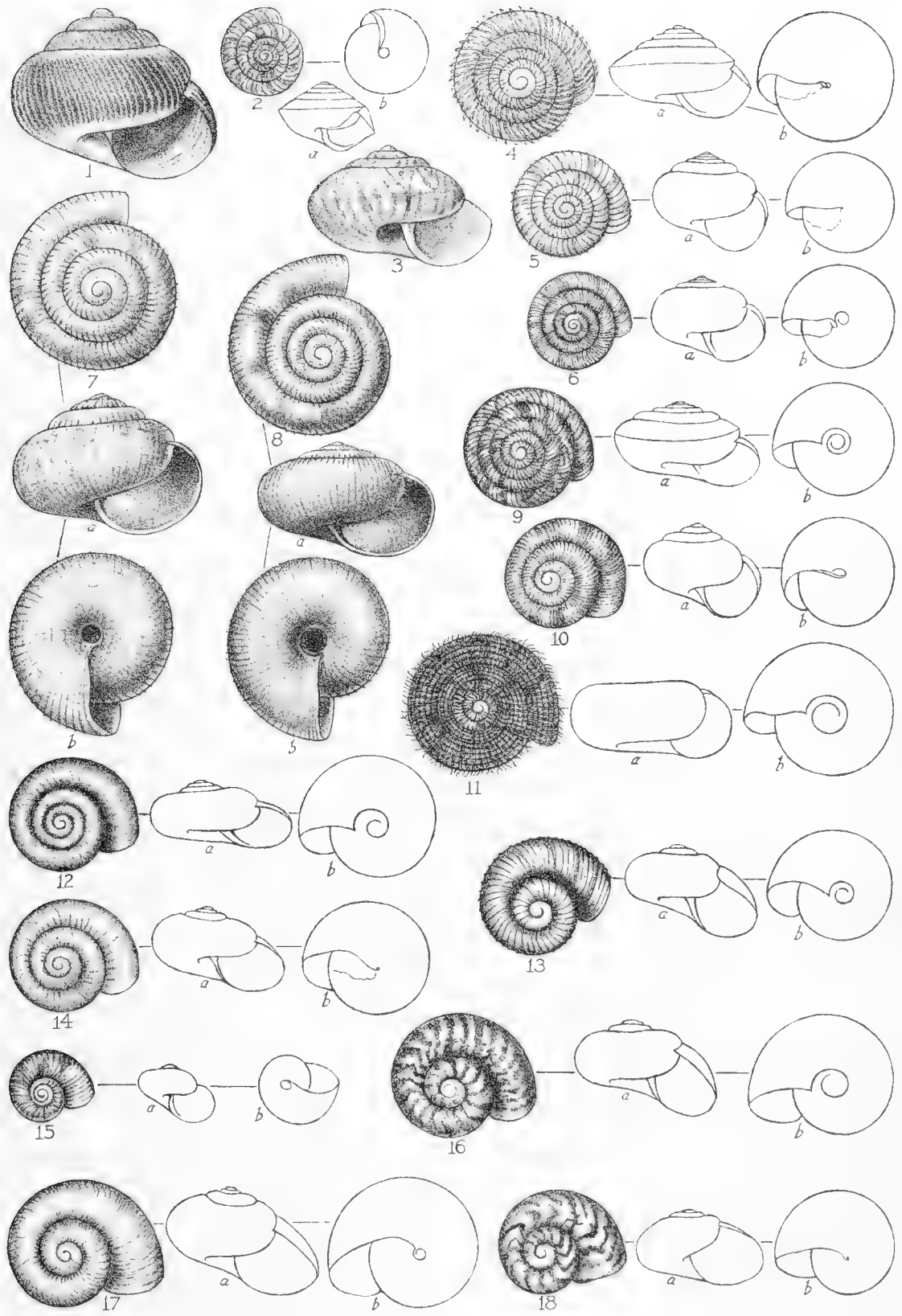


PLATE 27.

- Figs. 1, *a, b. Endodonta monoplax*, Suter. 2.6 × 1.4 mm. p. 686.
Figs. 2, *a, b. Endodonta tau*, Pfr. 3 × 1 mm. p. 687.
Figs. 3, *a, b. Endodonta varicosa*, Pfr. 3.5 × 2 mm. p. 688.
Figs. 4, *a, b. Endodonta uorangî*, Suter. 2 × 1.2 mm. p. 690.
Fig. 5. *Endodonta Chiltoni*, Suter. 1.6 × 0.9 mm. p. 691.
Figs. 6, *a, c. Endodonta Hectori*, Suter. 2.2 × 1 mm. p. 691.
Figs. 7, *a, b. Endodonta hannaensis*, Suter. 2 × 1 mm. p. 692.
Figs. 8, *a, c. Endodonta microundulata*, Suter. 1.7 × 1 mm. p. 693.
Fig. 9. *Endodonta minuta*, Suter. 1.4 × 0.7 mm. p. 694.
Figs. 10, *a, c. Endodonta pseudoleiodon*, Suter. 2.2 × 1.5 mm. p. 694.
Figs. 11, *a, b. Endodonta ureweruensis*, Suter. 2.8 × 1.5 mm. p. 695.
Figs. 12, *a, c. Endodonta wairarapa*, Suter. 1.7 × 1 mm. p. 696.
Fig. 13. *Endodonta noroseclandica*, Pfr. 2 × 1.7 mm. p. 697.
Figs. 14, *a. Endodonta barbatula*, Reeve. 3.3 × 3.3 mm. p. 698.
Figs. 15, *a. Endodonta stipulata*, Reeve. 4.3 × 3 mm. p. 699.
Figs. 16, *a, b. Endodonta anguiculus*, Reeve. 2.3 × 1 mm. p. 701.
Figs. 17, *a, b. Endodonta Benhami*, Suter. 2.6 × 1.4 mm. p. 703.
Figs. 18, *a. Endodonta Bianca*, Hutton. 2.5 × 1 mm. p. 703.
Figs. 19, *a. Endodonta chrysaugcia*, Webster. 2 × 0.8 mm. p. 704.
Figs. 20, 20*a, b. Endodonta coma*, Gray. 7 × 3 mm. p. 706.
Figs. 21, *a, b. Endodonta ochra*, Webster. 3.5 × 1.5 mm. p. 707.
Figs. 22, *a, b. Endodonta pseudocoma*, Suter. 5.5 × 2.5 mm. p. 707.

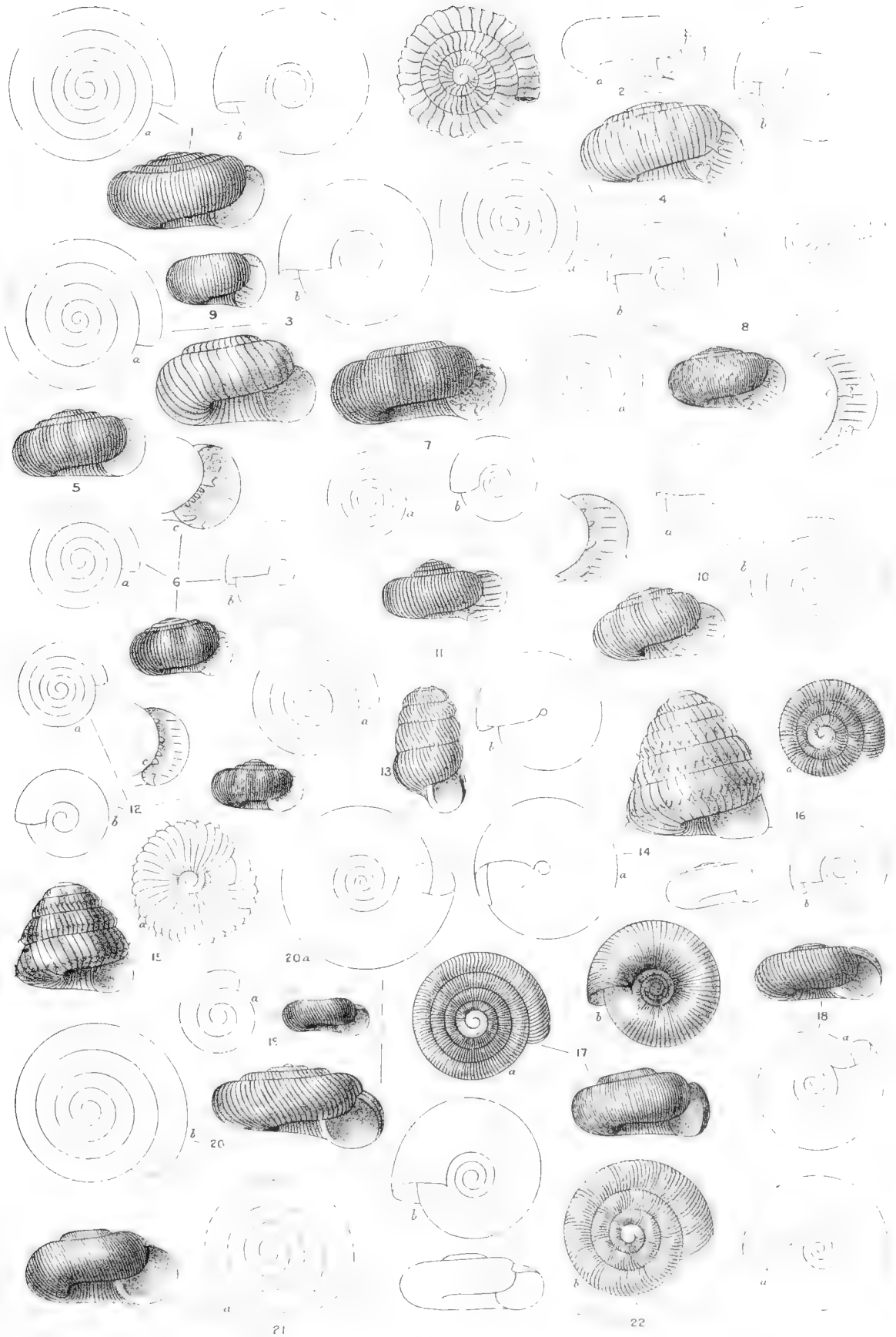


PLATE 28.

- Fig. 1. *Endodonta egesta*, Gray. 1.3 × 2.5 mm. p. 709.
- Figs. 2, *a, b. Endodonta gaza*, Suter. 1.5 × 2 mm. p. 710.
- Figs. 3, *a, b. Endodonta transema*, Suter. 3.2 × 1.4 mm. p. 711.
- Figs. 4, *a, b. Endodonta alpestris*, Suter. 3 × 1.5 mm. p. 713.
- Figs. 5, *a, b. Endodonta buccinella*, Reeve. 3 × 1.3 mm. p. 714.
- Figs. 6, *a, b. Endodonta caput-spinula*, Reeve. 1.7 × 0.7 mm. p. 715.
- Figs. 7, *a, b. Endodonta Colensoi*, Suter. 1.2 × 2.2 mm. p. 716.
- Figs. 8, *a, b. Endodonta infecta*, Reeve. 3.7 × 1.5 mm. p. 717.
- Figs. 9, *a, b. Endodonta irregularis*, Suter. 3 × 1.5 mm. p. 718.
- Figs. 10, *a, b. Endodonta otagoensis*, Suter. 6 × 2.5 mm. p. 720.
- Figs. 11, *a, b. Endodonta reefstonensis*, Suter. 2.7 × 1.7 mm. p. 720.
- Figs. 12, *a, b. Endodonta subinfecta*, Suter. 3 × 1.5 mm. p. 723.
- Figs. 13, *a, b. Endodonta tapirina*, Hutton. 1.7 × 2.7 mm. p. 724.
- Figs. 14, *a, b. Endodonta varicosata*, Suter. 1.8 × 1 mm. p. 724.
- Fig. 15. *Endodonta alloia*, Webster. 2.5 × 0.7 mm. p. 725.
- Figs. 16, *a, b. Endodonta corniculum*, Reeve. 3 × 1.5 mm. p. 725.
- Figs. 17, *a, b. Endodonta kenepuruensis*, Suter. 2.7 × 1.5 mm. p. 727.
- Figs. 18, *a, b. Endodonta segregata*, Suter. 2.7 × 1.2 mm. p. 728.
- Fig. 19. *Endodonta Prestoni*, Sykes. 2 × 1 mm. p. 727.
- Figs. 20, *a, b. Endodonta biconcava*, Pfr. 5 × 2 mm. p. 729.

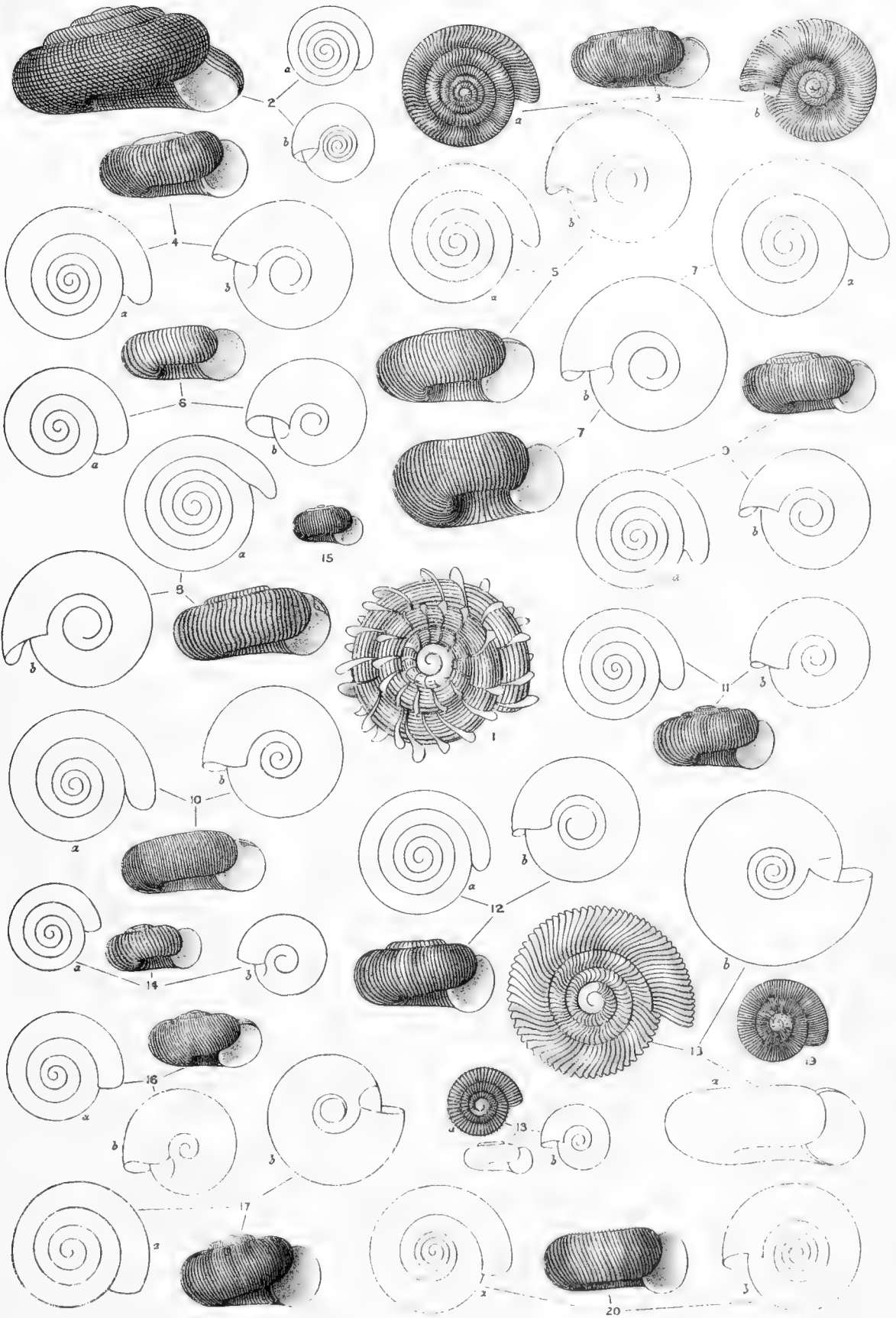


PLATE 29.

- Figs. 1, *a, b. Endodonta Huttoni*, Suter. 2.7×1.5 mm. p. 729
Figs. 2, *a, b. Endodonta Moussoni*, Suter. 4×2 mm. p. 730.
Figs. 3, *a, b. Endodonta cortex*, Murdoch. 1.6×0.7 mm. p. 731.
Fig. 4. *Laoma leimonias*, Gray. 2.3×2.7 mm. p. 735.
Figs. 5, *a. Laoma pirongiaensis*, Suter. 2×1.9 mm. p. 736.
Fig. 6. *Laoma Mariae*, Gray. 7.5×3.7 mm. p. 740.
Fig. 7. *Laoma allochroida*, Suter. 1.5×1 mm. p. 741.
Fig. 8. *Laoma Ariel*, Hutton. 3.2×2.5 mm. p. 742.
Fig. 9. *Laoma conella*, Pfr. 3.5×2.8 mm. p. 743.
Fig. 10. *Laoma claiodes*, Webster. 3×2 mm. p. 744.
Fig. 11. *Laoma elevata*, Suter. 3×2.5 mm. p. 745.
Fig. 12. *Laoma Francesci*, Webster. 2×1.7 mm. p. 745.
Fig. 13. *Laoma fulgurata*, Suter. 3.2×2 mm. p. 745.
Fig. 14. *Laoma sublacida*, Suter. 3×2 mm. p. 746.
Fig. 15. *Laoma viridula*, Suter. 2.5×1.7 mm. p. 746.
Fig. 16. *Laoma Alfredi*, Suter. 2.5×1.6 mm. p. 748.
Fig. 17. *Laoma Celia*, Hutton. 3.7×2.5 mm. p. 748.
Fig. 18. *Laoma cognata*, Suter. 2.2×1.7 mm. p. 749.
Fig. 19. *Laoma compressa*, Suter. 1.4×1.2 mm. p. 750.
Fig. 20. *Laoma Erigone*, Gray. 2.5×2 mm. p. 750.
Fig. 21. *Laoma glabriviscula*, Pfr. 3.5×2 mm. p. 751.

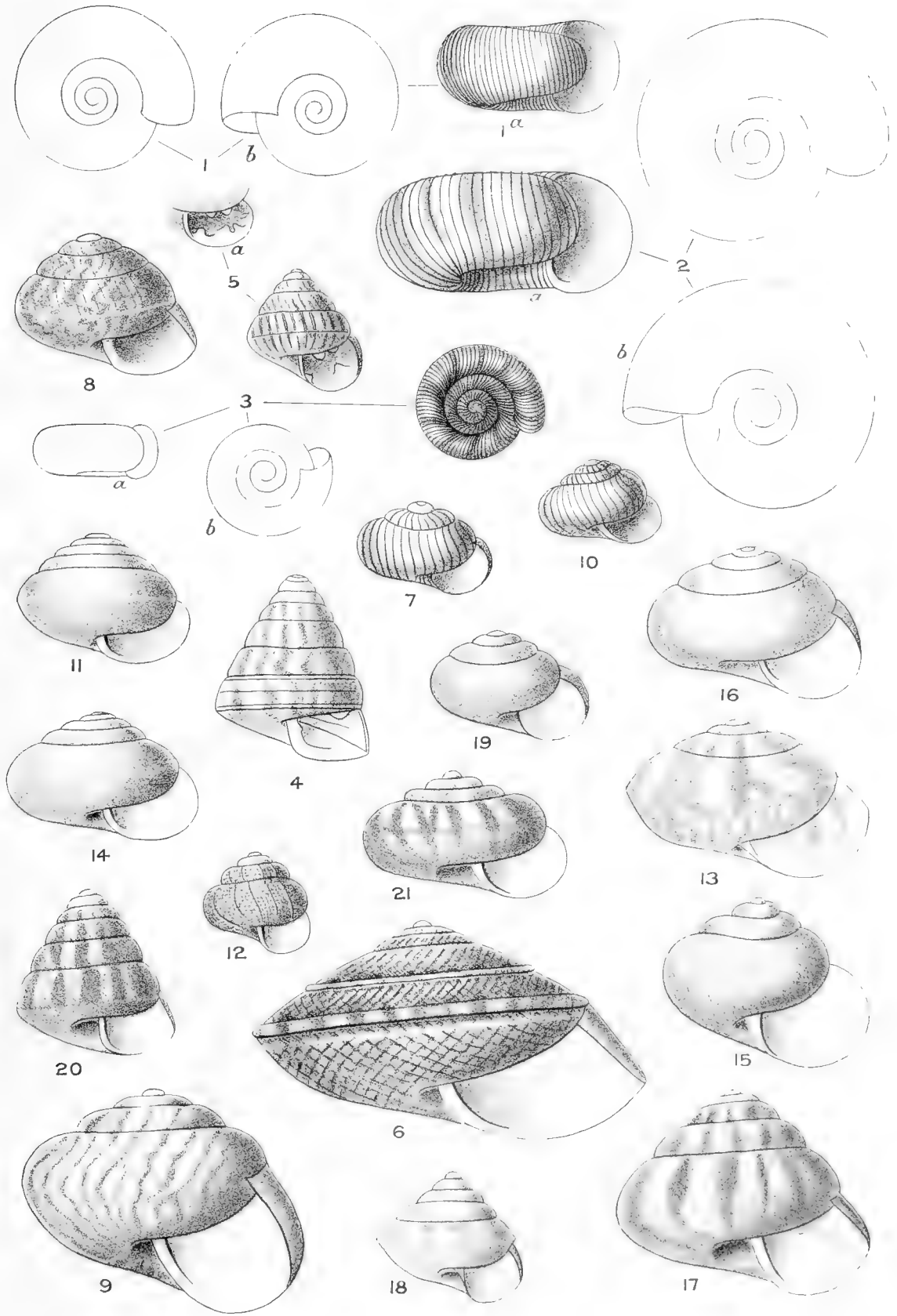


PLATE 30.

- Fig. 1. *Laoma lirata*, Suter. 4.2 × 3 mm. p. 753.
- Figs. 2, a, b. *Laoma microreticulata*, Suter. 1.7 × 1.3 mm. p. 754.
- Fig. 3. *Laoma regularis*, Pfr. 3 × 3 mm. p. 756.
- Fig. 4. *Laoma serratocostata*, Suter. 1 × 0.7 mm. p. 757.
- Fig. 5. *Laoma Trailli*, Suter. 4.5 × 3.2 mm. p. 758.
- Fig. 6. *Laoma transitans*, Suter. 3 × 2.5 mm. p. 758.
- Fig. 7. *Laoma lateumbilicata*, Suter. 1.5 × 1 mm. p. 759.
- Fig. 8. *Laoma pumila varicostata*, Suter. 2 × 1 mm. p. 761.
- Fig. 9. *Laoma sciadium*, Pfr. 5.3 × 3 mm. p. 761.
- Fig. 10. *Laoma Titania*, Hutton. 3.5 × 2.5 mm. p. 762.
- Figs. 11, 11a, 11b. *Placostylus Bollonsi*, Suter. 40 × 91 mm. p. 763.
- Fig. 12. *Tornatellina novoseelandica*, Pfr. 1.5 × 3.5 mm. p. 769.
- Fig. 13. *Tornatellina subperforata*, Suter. 2.2 × 3.5 mm. p. 769.
- Fig. 14. *Rhytida citrina*, Hutton. 7.7 × 6 mm. p. 772.
- Fig. 15. *Rhytida duplicata*, Suter. 24 × 12 mm. p. 773.
- Figs. 16, a, b. *Schizoglossa novoseelandica*, Pfr. Shell, 7 × 10 mm. p. 785.

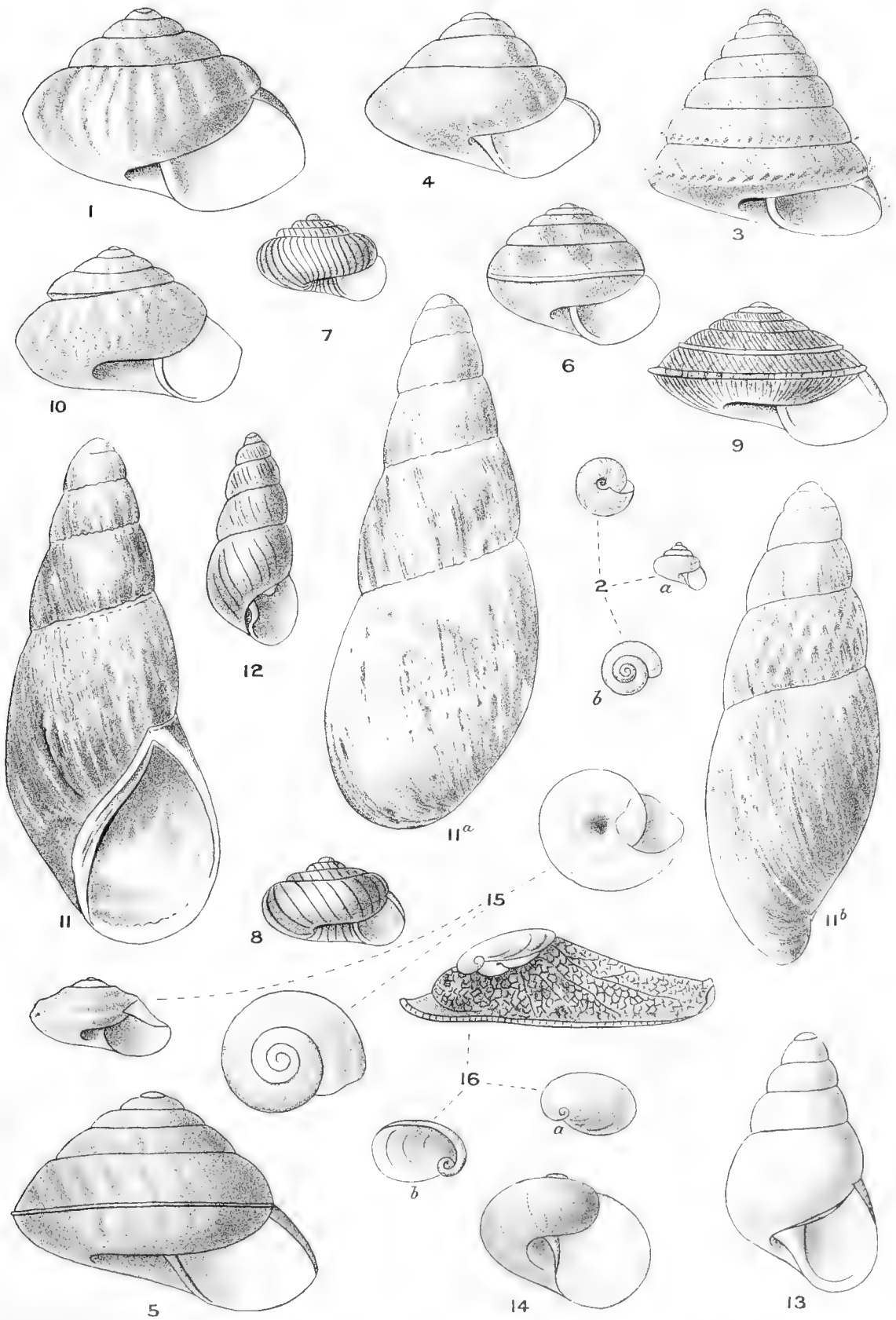
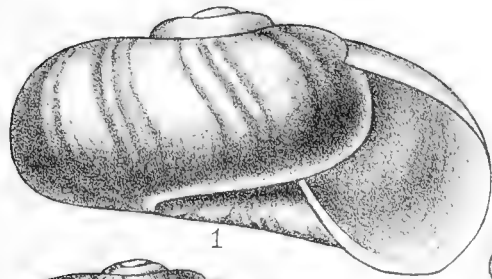
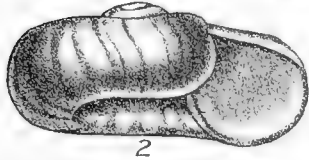


PLATE 31.

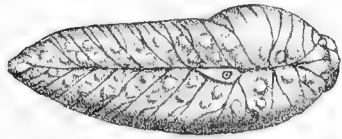
- Fig. 1. *Delos coresia*, Gray. 4×1.7 mm. p. 787.
- Fig. 2. *Delos Jeffreyana*, Pfr. 7×3 mm. p. 789.
- Fig. 3. *Athoracophorus bitentaculatus*, Q. & G. p. 792.
- Figs. 4, 4a, 4b. *Athoracophorus bitentaculatus rufocerosus*, Suter. a, Teeth of radula ;
b, reproductive organs. p. 794.
- Fig. 5. *Athoracophorus marmoreus*, Hutton. p. 795.
- Fig. 6. *Athoracophorus Dendyi*, Suter. p. 797.
- Fig. 7. *Athoracophorus Huttoni*, Suter. p. 798.
- Figs. 8, 8a. *Athoracophorus Martensi*, Suter. a, Teeth of radula. p. 800.
- Figs. 9, 9a. *Athoracophorus papillatus*, Hutton. a, Reproductive organs. p. 801.
- Fig. 10. *Athoracophorus Schauinslandi*, Plate. p. 803.
- Fig. 11. *Athoracophorus Simrothi*, Suter. p. 804.
- Figs. 12-12c. *Athoracophorus giganteus*, Suter. a, Jaw ; b, teeth of radula ; c, reproductive organs. p. 805.
- Fig. 13. *Athoracophorus verrucosus fasciatus*, Simroth. p. 806.



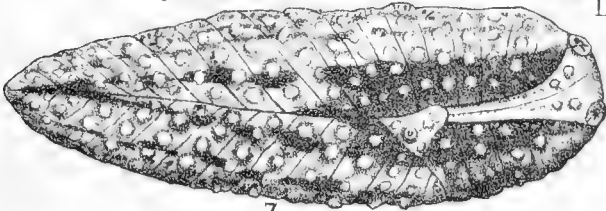
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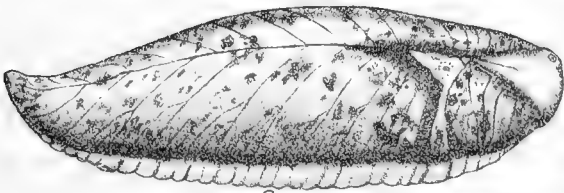
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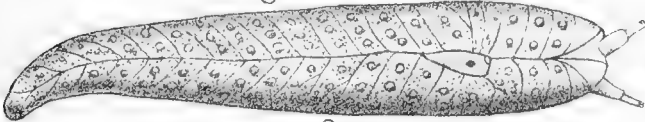
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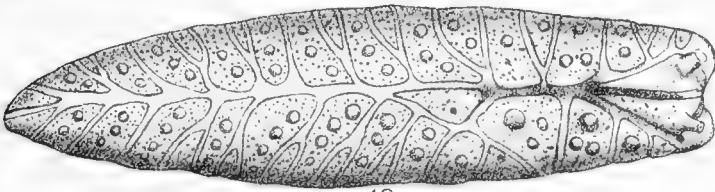
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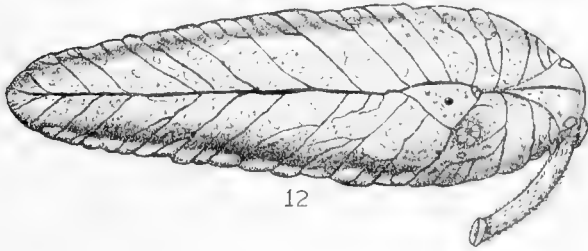
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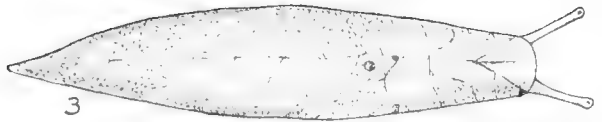
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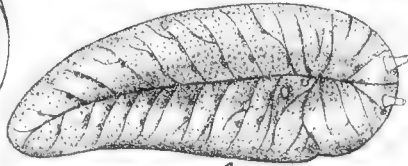
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12



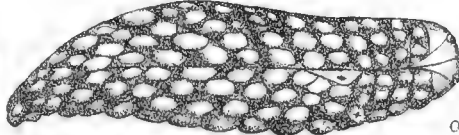
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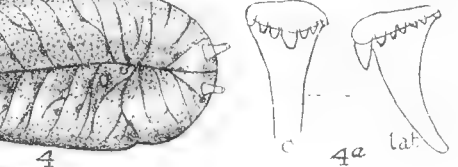
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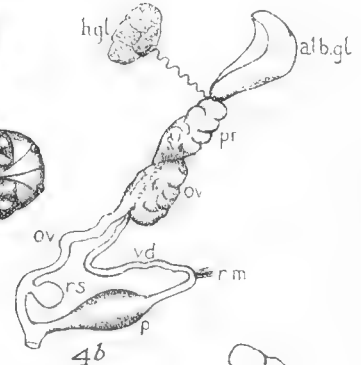
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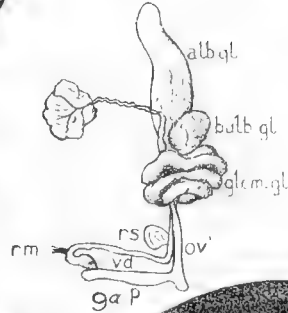
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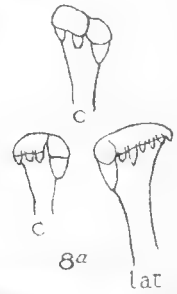
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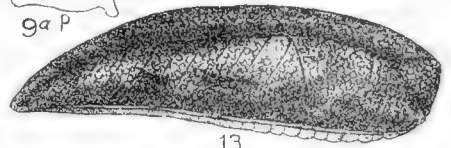
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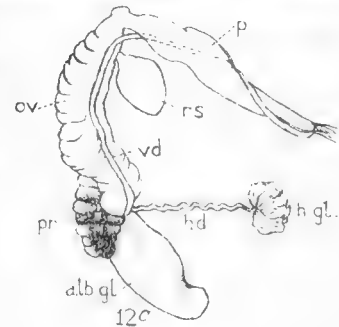
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8a



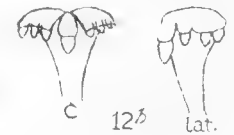
13



12c



12a



12b

PLATE 32.

- Figs. 1, *a*. *Onchidella Campbelli*, Filhol. 18 × 11 mm. p. 809.
- Figs. 2, *a*. *Onchidella flavescens*, Wissel. Length, 7 mm. *a*, Teeth of radula. p. 810.
- Fig. 3. *Onchidella nigricans*, Q. & G. 23 × 16 mm. p. 811.
- Fig. 4. *Onchidella patelloides*, Q. & G. 26 × 17 mm. p. 813.
- Fig. 5. *Dentalium diarrhor*, Watson. 17·5 × 2·2 mm. p. 820.
- Fig. 6. *Cadulus colubridens*, Watson. 15 × 2·5 mm. p. 822.
- Fig. 7. *Cadulus delicatulus*, Suter. 12 × 1·7 mm. p. 823.
- Fig. 8. *Cadulus spretus*, Tate and May. 5·5 × 0·7 mm. p. 823.
- Figs. 9, *a-c*. *Spongiochiton productus*, Pilsbry. Erroneously attributed to New Zealand.
pp. 31, 1077, 1080.
- Figs. 10, *a-c*. *Platiphora obtecta*, Pilsbry. 50 × 32 mm. pp. 23, 1077, 1079.
- Fig. 11. *Platiphora superba*, Pilsbry. 60 × 40 mm. pp. 21, 1077, 1079.
- Figs. 12, *a, b*. *Paryphanta lignaria*, Hutton. Diam., 50 mm. p. 783.

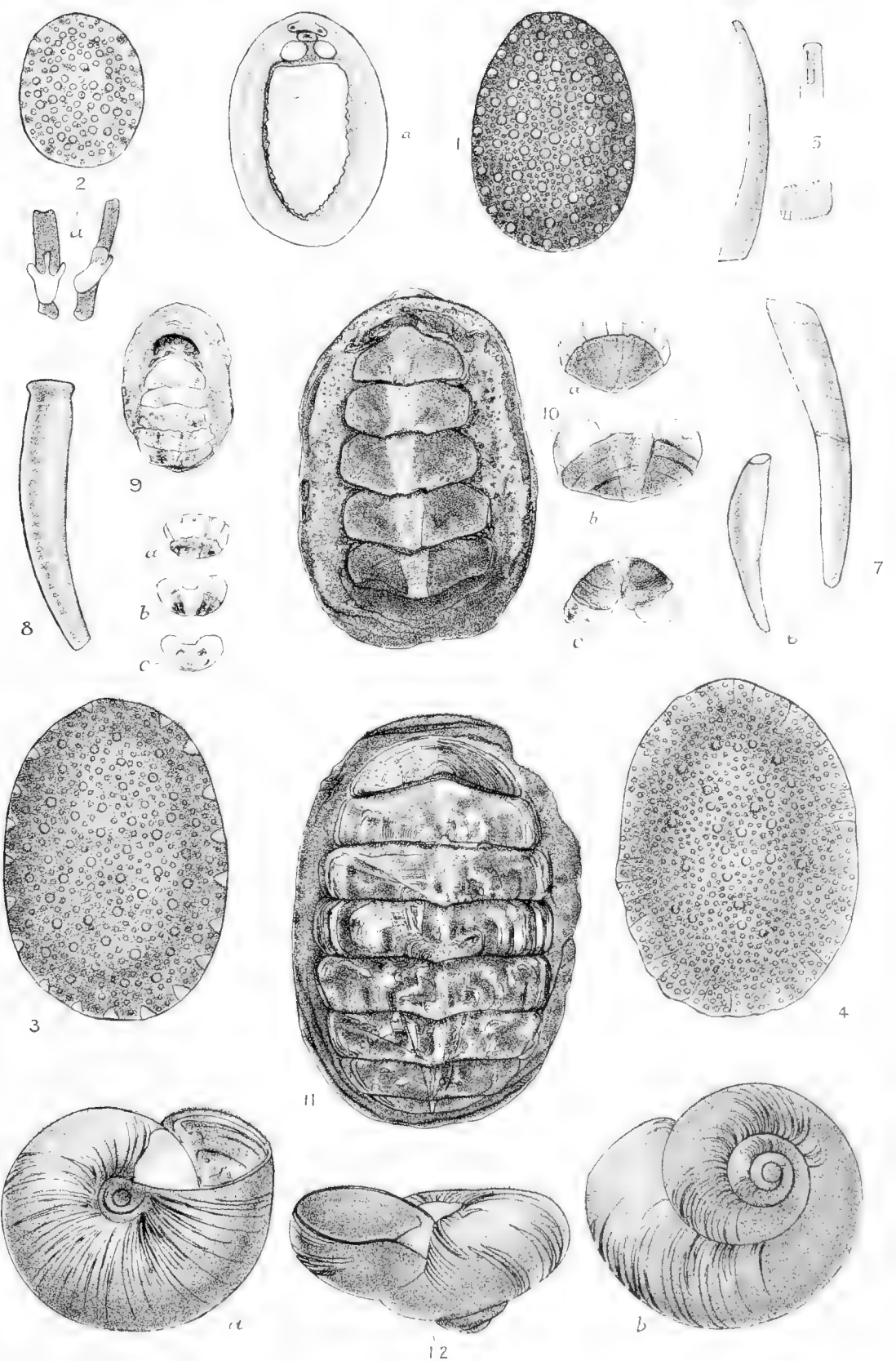


PLATE 33.

- Figs. 1, a1, b1. *Helcioniscus radians* Mestayerø, Suter. 49 × 39 × 14 mm. p. 85.
- Fig. 2. *Trochus chathamensis*, Hutton. 9 × 7.5 mm. p. 107.
- Fig. 3. *Trochus camelophorus*, Webster. 12 × 10 mm. p. 110.
- Fig. 4. *Trochus takapunaensis*, Webster. 7.5 × 5 mm. p. 112.
- Fig. 5. *Cantharidus dilatatus*, Sowerby. 8 × 8 mm. p. 123.
- Figs. 6, a. *Cantharidus opalus biangulatus*, Suter. 27 × 37 mm. p. 124.
- Fig. 7. *Cantharidus papillus*, Hutton. 7 × 8 mm. p. 126.
- Fig. 8. *Cantharidus sanguineus*, Gray. 7 × 9 mm. p. 128.
- Fig. 9. *Gibbula micans*, Suter. 3.5 × 4 mm. p. 137.
- Fig. 10. *Gibbula Suteri*, E. A. Smith. 4 × 4 mm. p. 138.
- Fig. 11. *Fossarina rimata*, Hutton. 5 × 4 mm. p. 139.
- Figs. 12, a. *Monilea plicatula*, Murd. & Sut. 4.5 × 3 mm. p. 142.
- Fig. 13. *Monilea semireticulata*, Suter. 5 × 3.2 mm. p. 142.
- Figs. 14, a. *Monilea testilis*, Murd. & Sut. 4.3 × 3.8 mm. p. 143.
- Fig. 15. *Calliostoma wicklandicum*, E. A. Smith. 8 × 7.5 mm. p. 144.
- Fig. 16. *Liotia polypleura*, Hedley. 0.9 × 0.6 mm. p. 151.
- Fig. 17. *Liotia rotula*, Suter. 1.7 × 1 mm. p. 151.
- Figs. 18, a. *Liotia serrata*, Suter. 2.5 × 1 mm. p. 151.
- Figs. 19, a. *Liotia solitaria*, Suter. 2.7 × 1 mm. p. 152.
- Figs. 20, a, b. *Cyclostrema eumorpha*, Suter. 1.7 × 1.3 mm. p. 153.

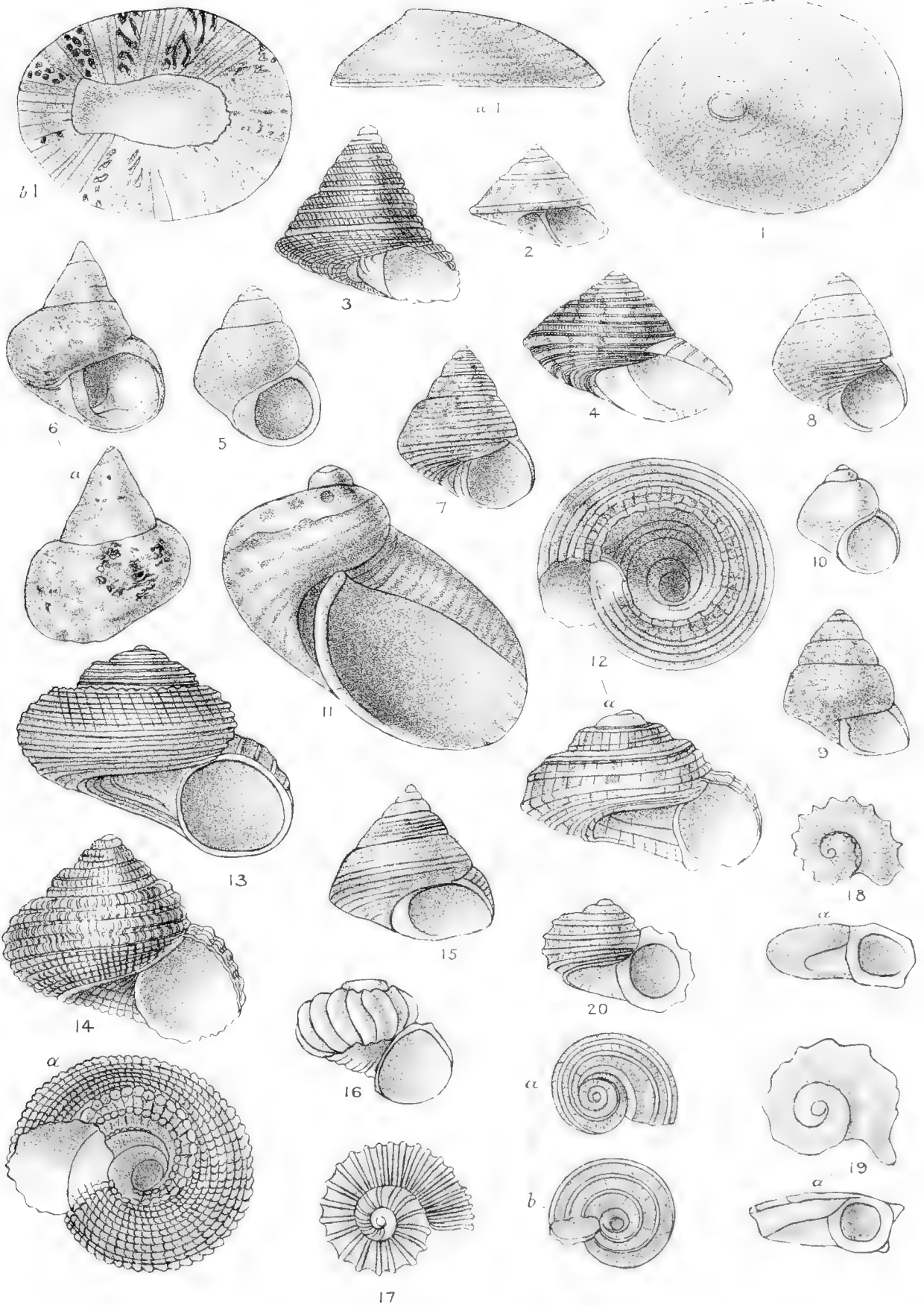


PLATE 34.

- Figs. 1, *a*. *Delphinoidea lissa*, Suter. 1×0.6 mm. p. 154.
Fig. 2. *Cirsonella densilirata*, Suter. 2.2×1.7 mm. p. 155.
Fig. 3. *Cirsonella graminum*, Murd. & Sut. 1.7×1.7 mm. p. 155.
Fig. 4. *Cirsonella neozelanica*, Murdoch. 2.3×2.7 mm. pp. 155, 1082
Fig. 5. *Pseudoliotia imperforata*, Suter. 3.5×3.5 mm. p. 156.
Fig. 6. *Lissospira corulum*, Hutton. 1×1.5 mm. p. 158.
Fig. 7. *Lissospira micra*, T.-Woods. 1.5×2 mm. p. 159.
Fig. 8. *Circulus sub-Tatei*, Suter. 2.5×1.5 mm. p. 159.
Fig. 9. *Cyclostremella neozelanica*, Suter. 2×0.7 mm. p. 160.
Fig. 10. *Leptothyra crassicosata*, Murdoch. 3.2×2.5 mm. p. 164.
Fig. 11. *Leptothyra fluctuata*, Hutton. 3×2.2 mm. p. 165.
Fig. 12. *Phasianella Huttoni*, Pilsbry. 3.7×6.7 mm. p. 169.
Figs. 13, *a*. *Cocculina clypidellaformis*, Suter. $2.8 \times 2.5 \times 2.2$ mm. p. 173.
Figs. 14, *a*. *Cocculina compressa*, Suter. $5.2 \times 2 \times 2.8$ mm. p. 174.
Figs. 15, *a*. *Cocculina craticulata*, Suter. $2.8 \times 1.8 \times 1.2$ mm. p. 174.
Fig. 16. *Cocculina tasmanica*, Pilsbry. $3 \times 2.2 \times 1.5$ mm. p. 174.
Fig. 17. *Hydrocena Purchasi*, Pfr. 1×2 mm. p. 175.

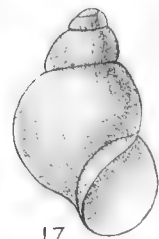
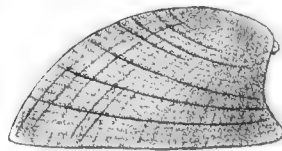
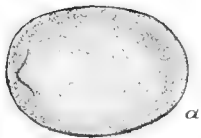
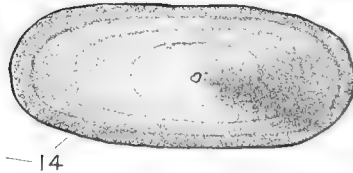
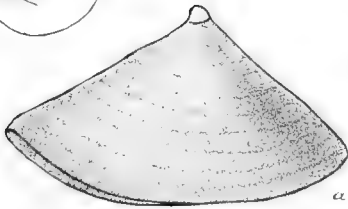
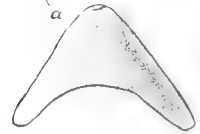
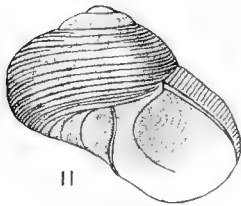
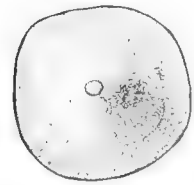
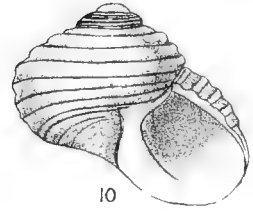
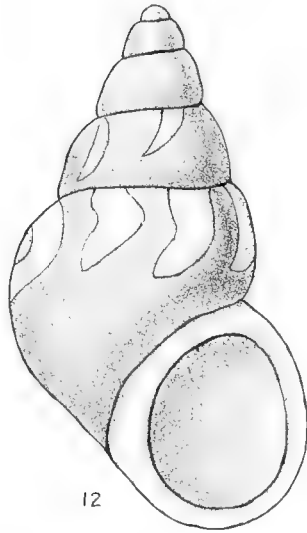
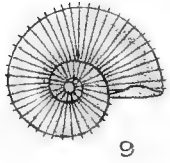
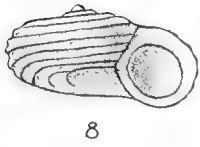
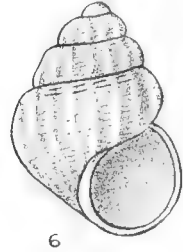
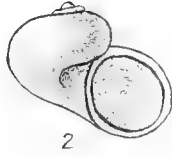
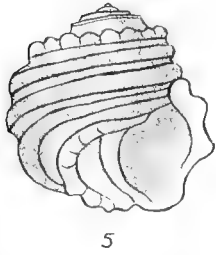
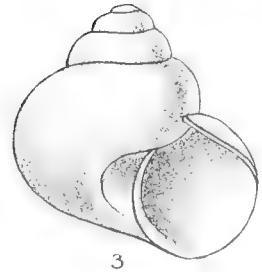
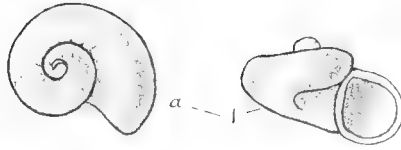
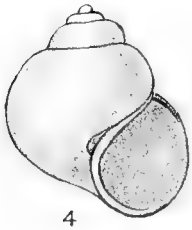
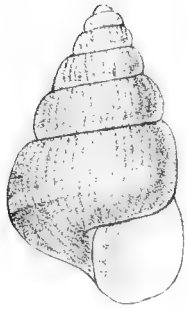
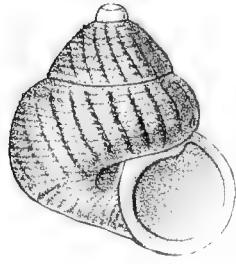


PLATE 35.

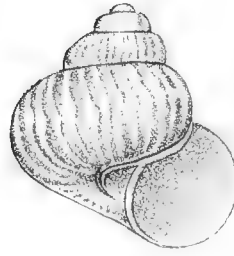
- Fig. 1. *Lagochilus calvum*, Hutton. 2 < 3.2 mm. p. 179.
Fig. 2. *Lagochilus cytora*, Gray. 2.5 < 2 mm. p. 180.
Fig. 3. *Lagochilus fasciatum*, Suter. 2.5 · 2 mm. p. 180.
Fig. 4. *Lagochilus Hedleyi*, Suter. 2 × 2.2 mm. p. 181.
Fig. 5. *Lagochilus lignarium*, Pfr. 5 · 4 mm. p. 182.
Fig. 6. *Lagochilus pallidum*, Hutton. 3.2 · 5 mm. p. 182.
Fig. 7. *Lagochilus pannosum*, Hutton. 2.7 · 3.2 mm. p. 183.
Fig. 8. *Lagochilus torquillum*, Suter. 1.2 · 1.7 mm. p. 184.
Fig. 9. *Lævilitorina antipodum*, Filliol. 2.3 · 4 mm. p. 189.
Fig. 10. *Lævilitorina bifasciata*, Suter. 2.8 < 3.5 mm. p. 189.
Fig. 11. *Lævilitorina caliginosa*, Gould. 3.3 × 5 mm. p. 190.
Fig. 12. *Lævilitorina Hamiltoni*, E. A. Smith. 3 × 3 mm. p. 190.
Fig. 13. *Risellopsis varia*, Hutton. 8.5 × 4.7 mm. p. 191.
Fig. 14. *Risellopsis varia carinata*, Kesteven. 5 < 3 mm. p. 192.
Fig. 15. *Couthouyia corrugata*, Hedley. 1.5 × 2.5 mm. p. 193.
Fig. 16. (*Cantharidus rufozona*) was omitted, and is to be found on Plate 39, fig. 21.



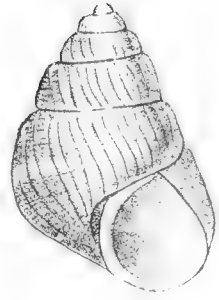
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2



4



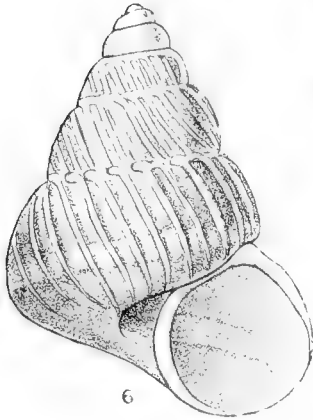
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8



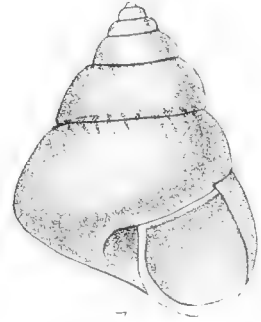
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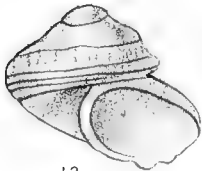
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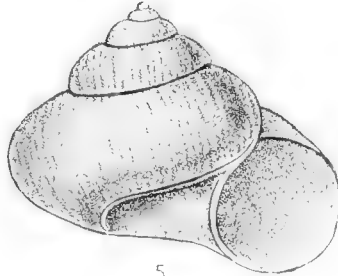
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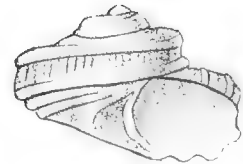
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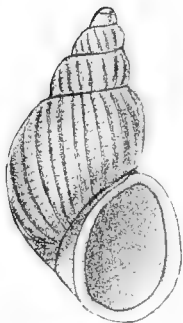
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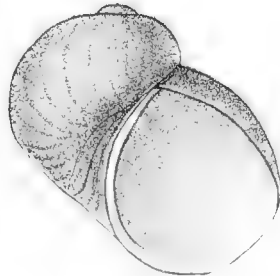
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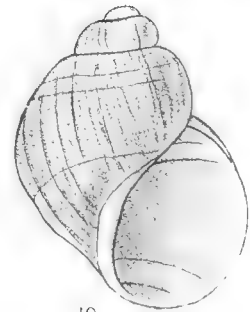
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15



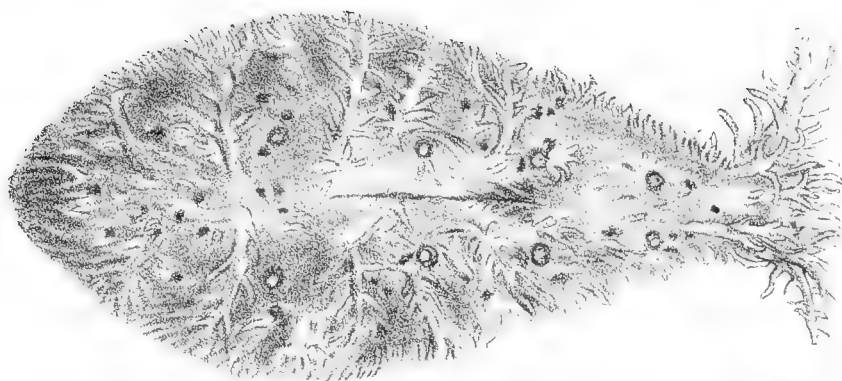
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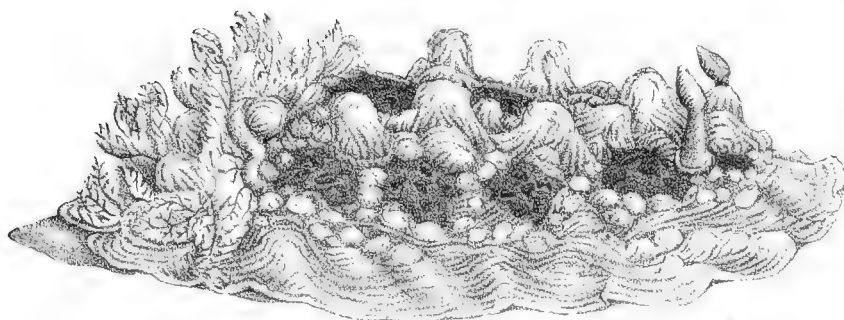
10

PLATE 36.

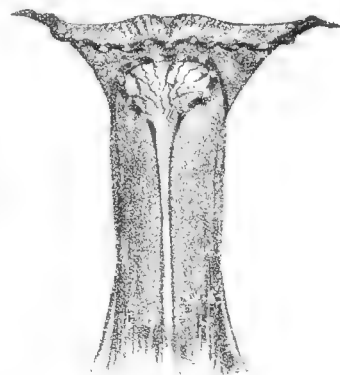
- Fig. 1. *Notarchus glaucus*, Cheeseman. p. 547.
Fig. 2. *Pleurobrancha nova-zealandica*, Cheeseman. p. 553.
Fig. 3. *Doris wellingtonensis*, Abraham. p. 562.
Fig. 4. *Doriopsis mammosa*, Abraham. p. 578.
Fig. 5. *Doriopsis citrina*, Cheeseman. p. 578.
Fig. 6. *Tethys Tryoni*, Meinertzhagen. p. 545.



1



4



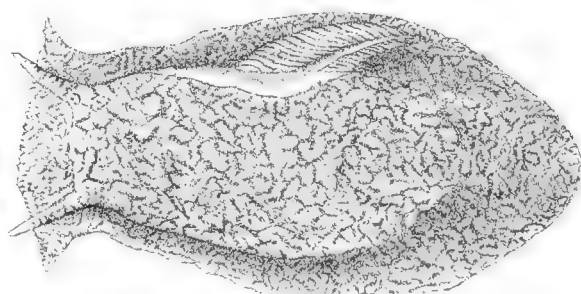
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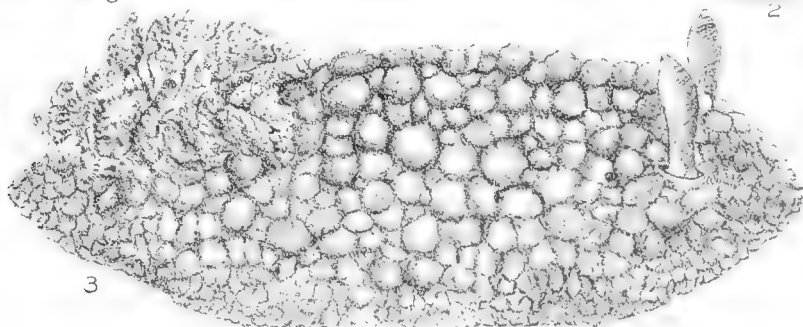
6



5



2



3

PLATE 37.

- Fig. 1. *Aglaja cylindrica*, Cheeseman. p. 543.
Fig. 2. *Doris flabellifera*, Cheeseman. p. 565.
Fig. 3. *Chromodoris aurco-marginata*, Cheeseman. p. 573.
Fig. 4. *Aphelodoris Cheesemani*, Eliot. p. 575.
Fig. 5. *Chromodoris amana*, Cheeseman. p. 572.
Fig. 6. *Pleurobranchius ornatus*, Cheeseman. p. 550.
Fig. 7. *Rostanga rubicunda*, Cheeseman. p. 567.

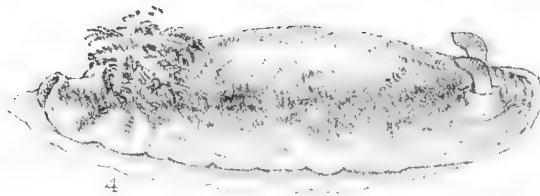
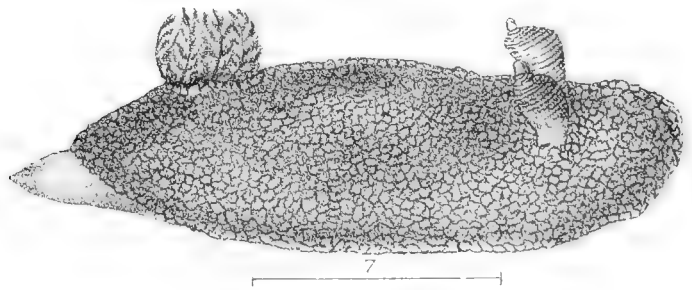
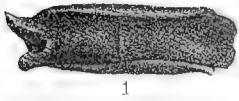
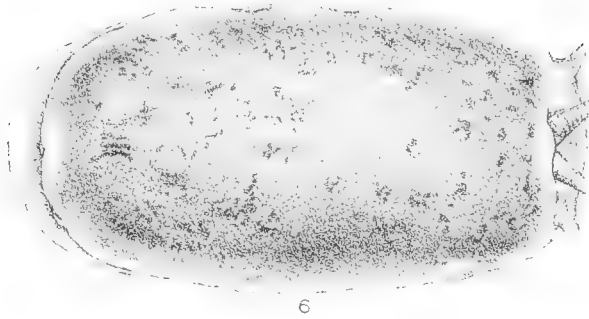
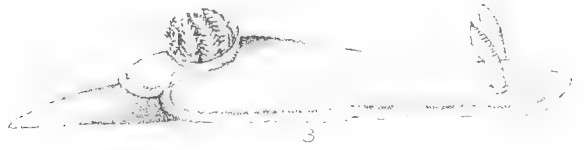
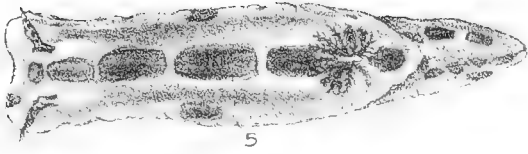
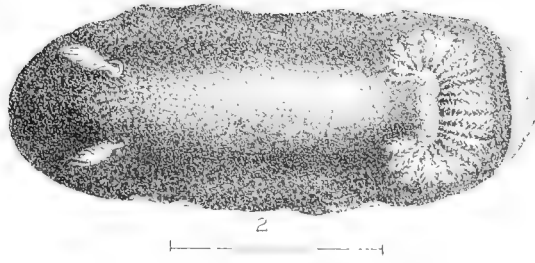


PLATE 38.

- Fig. 1. *Submarginula rugosa*, Q. & G. 17.5 × 13 mm. p. 101.
- Figs. 2, 2a. *Trochus oppressus*, Hutton. 6 × 5.5 mm. p. 108.
- Fig. 3. *Trochus ringens*, Menke. 11 × 10 mm. p. 112.
- Fig. 4. *Monodonta coracina*, Troschel. 8.5 × 6 mm. p. 114.
- Figs. 5, 5a. *Monodonta nigerrima*, Gmelin. 17 × 15 mm. p. 114.
- Fig. 6. *Monodonta atrovirens*, Philippi. 23 × 17 mm. p. 117.
- Fig. 7. *Monodonta corrosa*, A. Adams. 16 × 15 mm. p. 117.
- Fig. 8. *Monodonta corrosa plumbea*, Hutton. 16 × 14.5 mm. p. 118.
- Fig. 9. *Monodonta excavata*, Ad. & Ang. 6 × 5 mm. p. 119.
- Fig. 10. *Monodonta lugubris*, Gmelin. 13 × 9 mm. p. 119.
- Fig. 11. *Monodonta subrostrata*, Gray. 13 × 11 mm. p. 121.
- Fig. 12. *Monodonta crinita*, Philippi. 16 × 17 mm. p. 121.
- Fig. 13. *Cantharidus pruinus minor*, E. A. Smith. 6.7 × 8 mm. p. 125.
- Fig. 14. *Cantharidus sanguineus elongatus*, Suter. 5 × 7.5 mm. p. 128.
- Fig. 15. *Cantharidus tenebrosus*, A. Adams. 9.5 × 11.5 mm. p. 129.
- Fig. 16. *Cantharidus tenebrosus Huttoni*, E. A. Smith. 7 × 10.5 mm. p. 129.
- Fig. 17. *Cantharidus fasciatus*, Menke. 8 × 19 mm. p. 130.
- Fig. 18. *Cantharidus picturatus*, H. & A. Adams. 5 × 8 mm. p. 130.
- Fig. 19. *Photinula antipoda*, H. & J. 8 × 8 mm. p. 132.
- Fig. 20. *Photinula nitida*, Ad. & Ang. 5.5 × 6.5 mm. p. 134.
- Fig. 21. *Gibbula tasmanica*, Petterd. 5.5 × 6 mm. p. 136.
- Fig. 22. *Gibbula fulminata*, Hutton. 7.5 × 7.5 mm. p. 137.
- Fig. 23. *Gibbula scannata*, Fischer. 7.5 × 7 mm. p. 138.
- Fig. 24. *Monileu carmesina*, Webster. 8 × 5 mm. p. 140.
- Fig. 25. *Monileu egea*, Gould. 7.5 × 5.5 mm. p. 141.
- Fig. 26. *Euchelus bellus*, Hutton. 6.5 × 6.5 mm. p. 149.
- Fig. 27. *Littorina cincta*, Q. & G. 9 × 13.5 mm. p. 187.
- Fig. 28. *Littorina mauritiana*, Lamarek. 6 × 9.5 mm. p. 188.
- Fig. 29. *Planaxis brasiliannus*, Lamarek. 7 × 14 mm. p. 194.
- Fig. 30. *Realia carinella*, Pfr. 3.2 × 7 mm. p. 195.
- Fig. 31. *Realia egea*, Gray. 4 × 7.5 mm. p. 196.
- Fig. 32. *Realia Hochstetteri*, Pfr. 4 × 9 mm. p. 196.
- Fig. 33. *Realia turriculata*, Pfr. 3.6 × 9 mm. p. 197.



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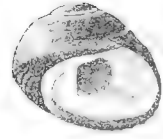
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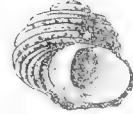
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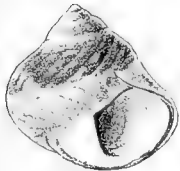
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PLATE 39.

- Fig. 1. *Sabemarginula parmophoidea*, Q. & G. 19 × 11 mm. p. 101.
- Figs. 2, a. *Trochus tiaratus*, Q. & G. 13.5 × 10 mm. p. 109.
- Fig. 3. *Monodonta aethiops*, Gmelin. 30 × 33 mm. p. 116.
- Fig. 4. *Monodonta morio*, Troschel. 14 × 12 mm. p. 120.
- Fig. 5. *Cantharidus pruinus*, Gould. 16 × 19 mm. p. 125.
- Fig. 6. *Cantharidus pruinus perobtusus*, Pilsbry. 19 × 20 mm. p. 125.
- Fig. 7. *Cantharidus purpuratus*, Martyn. 16 × 22 mm. p. 126.
- Fig. 8. *Cantharidus conicus*, Gray. 13 × 20 mm. p. 131.
- Figs. 9, a. *Ethalia zelandica*, H. & J. 19 × 11 mm. p. 170.
- Fig. 10. *Nerita melanotragus*, E. A. Smith. 23 × 20 mm. p. 172.
- Fig. 11. *Melanopsis trifasciata*, Gray. 11 × 18 mm. p. 236.
- Fig. 12. *Cerithidea alternata*, Hutton. 10 × 24.5 mm. p. 238.
- Fig. 13. *Cerithidea bicarinata*, Gray. 10 × 29 mm. p. 238.
- Fig. 14. *Bitium granarium*, Kiener. 5 × 17 mm. p. 342.
- Fig. 15. *Siliquaria Weldii*, T.-Woods. Nat. size. p. 264.
- Fig. 16. *Turritella rosea*, Q. & G. 18 × 60 mm. p. 270.
- Fig. 17. *Turritella pagoda*, Reeve. 6.5 × 22 mm. p. 270.
- Fig. 18. *Turritella fulminata*, Hutton. 7 × 24 mm. p. 269.
- Fig. 19. *Turritella Carlotta*, Watson. 7 × 24.5 mm. p. 266.
- Fig. 20. *Turritella symmetrica*, Hutton. 5.5 × 17 mm. p. 272.
- Fig. 21. *Cantharidus rufozona*, A. Adams. 5 × 6 mm. p. 127.



PLATE 40.

- Fig. 1. *Struthiolaria papulosa*, Martyn. 50 × 83 mm. p. 274.
- Fig. 2. *Struthiolaria vermis*, Martyn. 29 × 45 mm. p. 276.
- Fig. 3. *Calliostoma pellucidum*, Valenciennes. 30 × 30 mm. p. 145.
- Fig. 4. *Calliostoma selectum*, Chemnitz. 47 × 37 mm. p. 146.
- Fig. 5. *Calliostoma spectabile*, A. Adams. 42 × 43 mm. p. 147.
- Fig. 6. *Calliostoma tigris*, Martyn. 45 × 45 mm. p. 148.
- Fig. 7. *Turbo smaragdus*, Martyn. 50 × 40 mm. p. 162.
- Fig. 8. *Turbo granosus*, Martyn. 50 × 40 mm. p. 163.
- Fig. 9. *Serpulorbis siphon*, Lamarck. p. 259.
- Fig. 10. *Serpulorbis zelandicus*, Q. & G. p. 260.
- Fig. 11. *Siphonium lamellosum*, Hutton. p. 261.
- Fig. 12. *Phalium achatinum*, Lamarck (= *labiatum*, Perry). 40 × 60 mm. pp. 312, 1084.
- Fig. 13. *Phalium achatinum pyrum*, Lamarck. 31 × 42 mm. pp. 312, 1084.

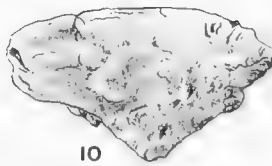
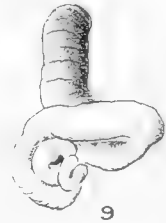
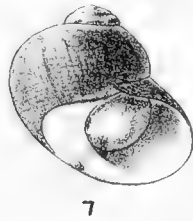
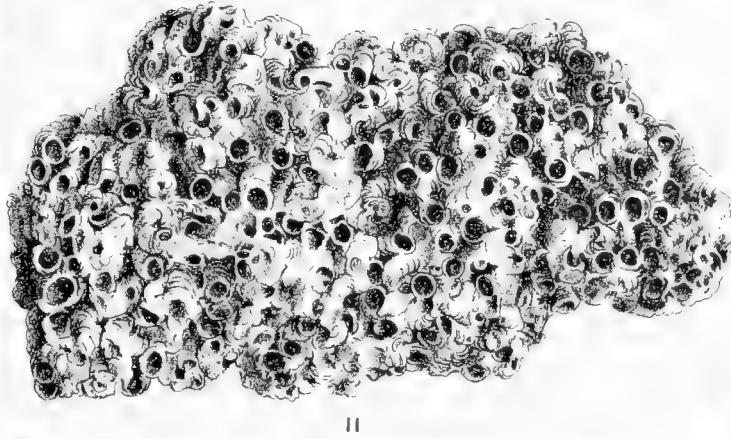
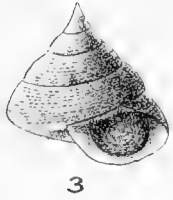
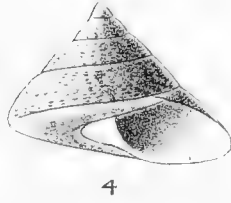
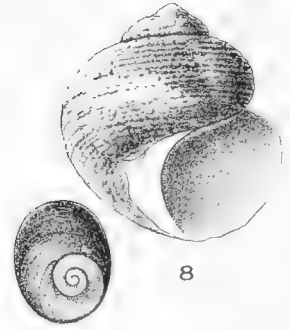


PLATE 41.

Figs. 1-1e. *Astraea heliotropium*, Martyn. 100 × 50 mm. p. 166.

Fig. 2. *Astraea sulcata*, Martyn. 65 × 65 mm. p. 167.

Fig. 3. *Astraea sulcata Davisi*, Stowe. 3.2 × 4.5 in. p. 168.

Fig. 4. *Fusinus spiralis*, A. Adams. 22 × 73 mm. p. 357.

Fig. 5. *Phos tenuicostatus*, T.-Woods. 9 × 17 mm. p. 391.

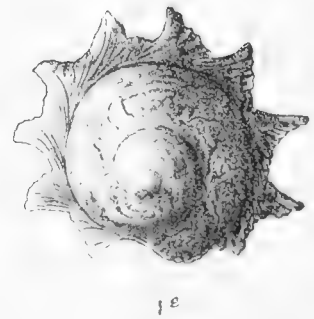
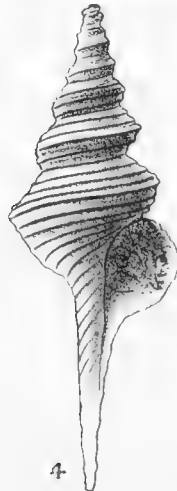
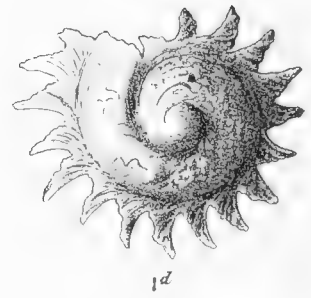
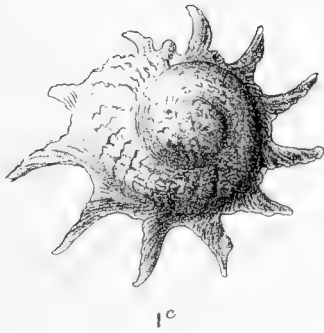
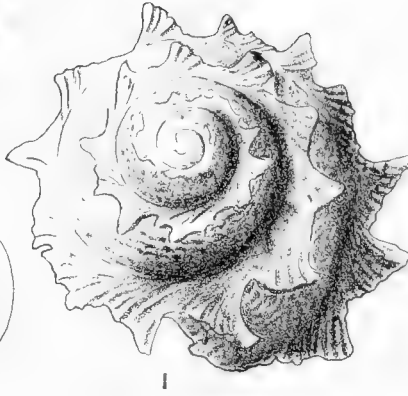
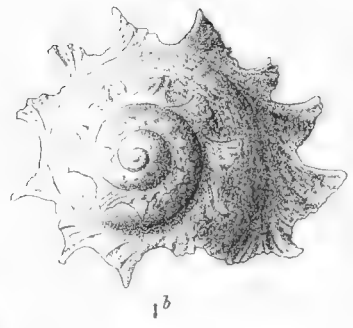
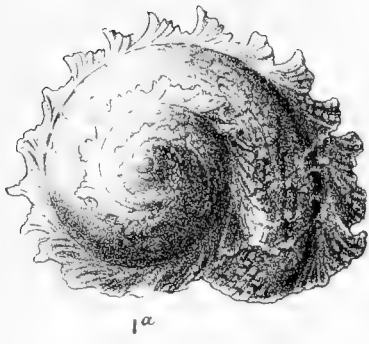


PLATE 42.

Septa tritonis, L. 180 × 380 mm p. 301.

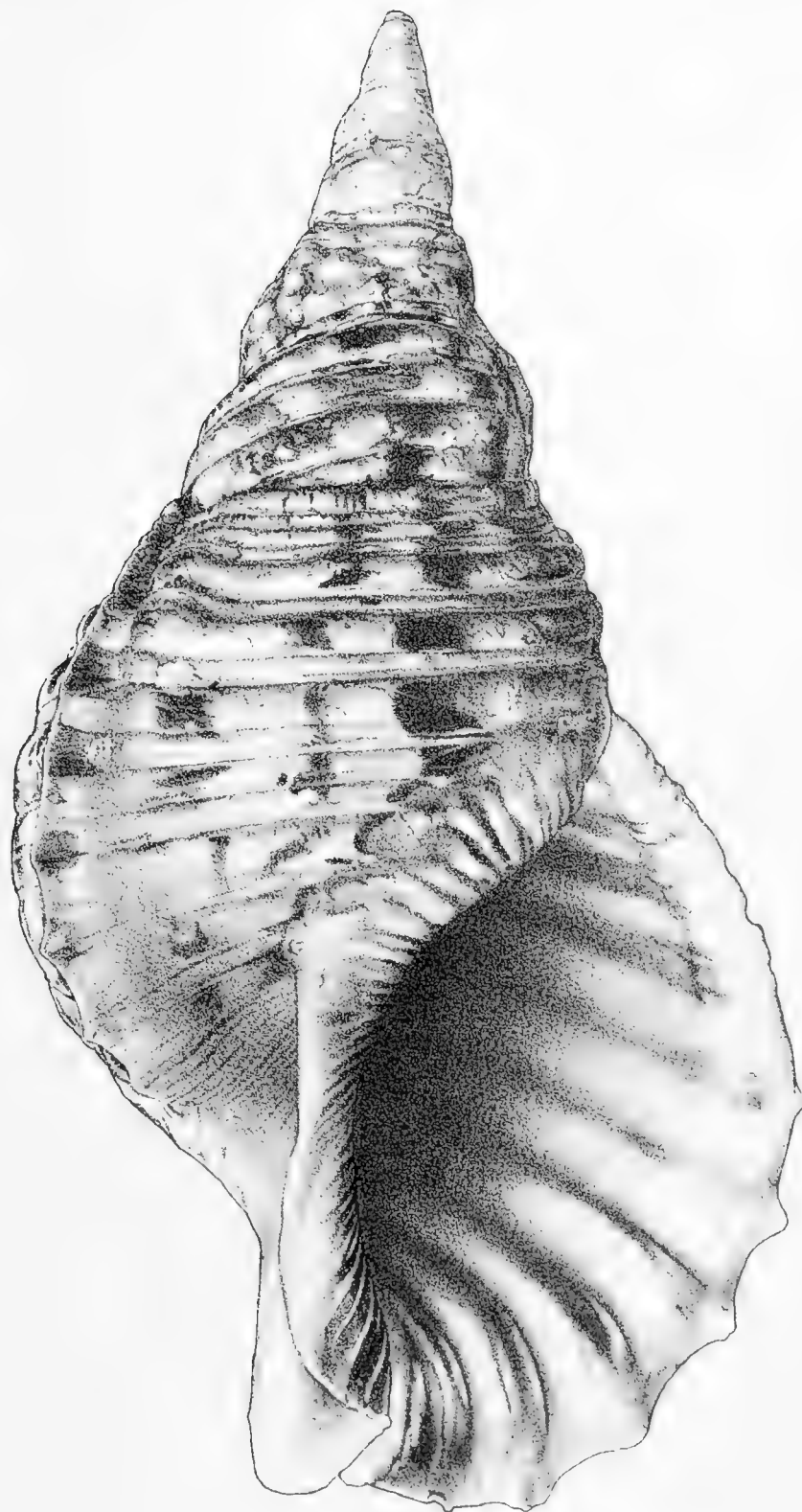
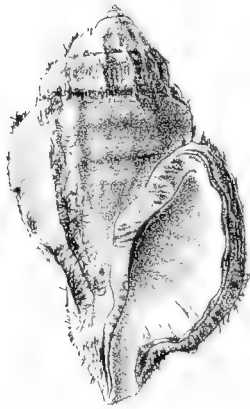


PLATE 43.

- Figs. 1, 1. *Septa rubicunda*, Perry. 9.5 × 20 cm. p. 303.
Fig. 2. *Septa costata*, Born. 5.3 × 9 cm. p. 305.
Fig. 3. *Cymatium Spengleri*, Chemnitz. 8 × 13 cm. p. 308.
Fig. 4. *Argobuccinum argus*, Gmelin. 62 × 103 mm. p. 309.
Fig. 5. *Argobuccinum australasia*, Perry. 42 × 74 mm. p. 310.
Fig. 6. *Siphonalia dilatata*, Q. & G. 68 × 115 mm. p. 370.
Fig. 7. *Siphonalia mandarina*, Duclos. 48 × 105 mm. p. 372.



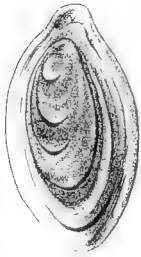
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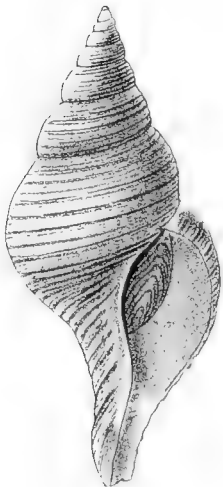
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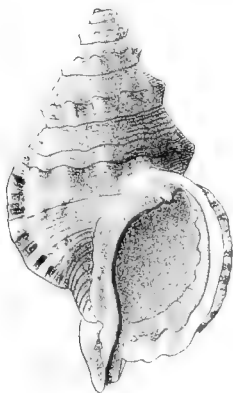
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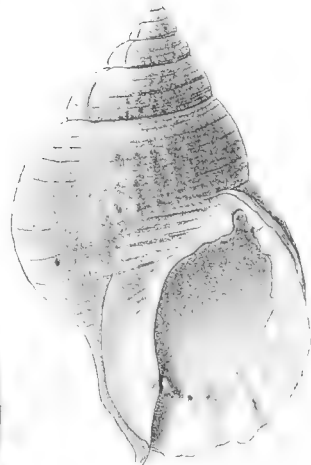
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PLATE 44.

- Fig. 1. *Hipponix hexagonus*, Suter. 22 mm. p. 282.
Fig. 2. *Calyptrea alta*, Hutton. 25 mm. p. 284.
Figs. 3, 3a. *Calyptrea maculata*, Q. & G. 33 mm. p. 285.
Fig. 4. *Calyptrea scutum*, Lesson. 13 mm. p. 284.
Figs. 5, 5. *Crepidula crepidula*, L. 20 mm. p. 286.
Fig. 6. *Crepidula costata*, Sowerby. 50 - 31 mm. p. 287.
Fig. 7. *Natica zelandica*, Q. & G. 21 - 24.7 mm. p. 289.
Fig. 8. *Lamellaria cerebroides*, Hutton. 22 - 14 mm. p. 294.
Fig. 9. *Trichotropis clathrata*, Sowerby. 10 - 16 mm. p. 296.
Fig. 10. *Janthina balteata*, Reeve. 19 - 16 mm. p. 298.
Fig. 11. *Janthina communis*, Lamarck. 21 - 17 mm. p. 299.
Fig. 12. *Janthina exigua*, Lamarck. 10 - 10 mm. p. 299.
Fig. 13. *Janthina globosa*, Swainson. 38 - 41 mm. p. 300.
Fig. 14. *Cygnatum cecatum*, Reeve. 26 - 45 mm. p. 306.
Fig. 15. *Cygnatum Parkinsonianum*, Perry. 12.5 × 22 mm. p. 307.
Fig. 16. *Architectonica Reevei*, Hanley. 22 × 14 mm. p. 316.
Fig. 17. *Siphonalia nodosa*, Martyn. 21 - 40 mm. p. 368.
Fig. 18. *Siphonalia caudata*, Q. & G. 13 - 34 mm. p. 371.
Fig. 19. *Euthria flarescens*, Hutton. 13 - 27 mm. p. 374.
Fig. 20. *Euthria linea*, Martyn. 19 - 40 mm. p. 375.
Fig. 21. *Euthria littorinoides*, Reeve. 11 - 24 mm. p. 376.
Fig. 22. *Euthria Martensiana*, Hutton. 7.5 × 18 mm. p. 377.

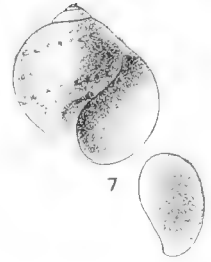
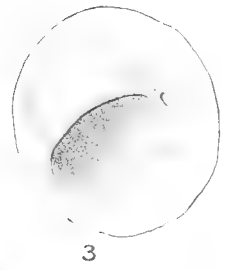
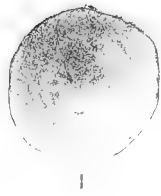
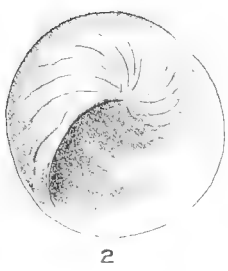


PLATE 45.

- Fig. 1. *Euthria striata*, Hutton. 15 × 29 mm. p. 379.
Fig. 2. *Euthria vittata*, Q. & G. 16 × 31 mm. p. 380.
Fig. 3. *Cominella Campbells*, Filhol. 18 × 33 mm. p. 382.
Fig. 4. *Cominella costata*, Q. & G. 12.7 × 29.5 mm. p. 383.
Fig. 5. *Cominella Huttoni*, Kobelt. 10 × 23 mm. p. 384.
Fig. 6. *Cominella lurida*, Philippi. 18 × 37 mm. p. 384.
Fig. 7. *Cominella maculata*, Martyn. 29 × 46 mm. p. 385.
Fig. 8. *Cominella maculosa*, Martyn. 23 × 42 mm. p. 387.
Fig. 9. *Cominella nassoides*, Reeve. 19 × 36 mm. p. 388.
Fig. 10. *Cominella virgata*, H. & A. Adams. 18 × 36 mm. p. 389.
Fig. 11. *Cominella zealandica*, Reeve. 14 × 27 mm. p. 390.
Fig. 12. *Pisania reticulata*, A. Adams. 12 × 31 mm. p. 392.
Fig. 13. *Trophon ambiguus*, Philippi. 31 × 56 mm. p. 405.
Fig. 14. *Trophon rugosus*, Q. & G. 19 × 31 mm. p. 406.
Fig. 15. *Trophon patens*, H. & J. 16 × 23 mm. p. 408.
Fig. 16. *Alectrion fasciata*, Lamarck. 10 × 18 mm. p. 397.
Fig. 17. *Alectrion suturalis Dunkeri*, Suter. 12 × 24 mm. p. 398.
Fig. 18. *Thais striata*, Martyn. 19 × 30 mm. p. 425.
Fig. 19. *Thais tritoniformis*, Blainville. 12 × 24 mm. p. 424.
Fig. 20. *Thais scobina*, Q. & G. 13.5 × 27 mm. p. 426.
Fig. 21. *Thais scobina albomarginata*, Deshayes. 13.5 × 27 mm. p. 427.
Fig. 22. *Trophon Hanleyi*, Angas. 13 × 26 mm. p. 415.
Fig. 23. *Trophon Bonneti*, Cossmann. 12 × 25 mm. p. 417.



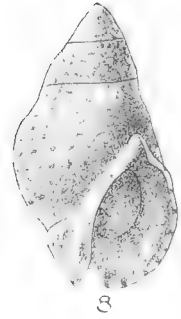
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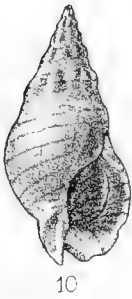
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PLATE 46.

- Fig. 1. *Polinices amphialus*, Watson. 6.2 × 6.7 mm. p. 290.
Fig. 2. *Lamellaria ophione*, Gray. 11.5 × 10 mm. p. 294.
Figs. 3. a. *Trivria australis*, Lamarek. 10 > 14 mm. p. 361.
Fig. 4. *Architectonica lutea*, Lamarek. 12 mm. p. 316.
Fig. 5. *Epitonium tenellum*, Hutton. 5 > 11.5 mm. p. 320.
Fig. 6. *Epitonium philippinaram*, Sowerby. 5 × 14 mm. p. 321.
Fig. 7. *Epitonium Jukesianum*, Forbes. 4 × 13 mm. p. 321.
Fig. 8. *Epitonium Zelebori*, Dunker. 8 - 24 mm. p. 322.
Fig. 9. *Mitra albopicta*, E. A. Smith. 9.5 × 21.5 mm. p. 360.
Fig. 10. *Mitra carbonaria*, Swainson. 15 - 48 mm. p. 361.
Fig. 11. *Verillum obscurum*, Hutton. 3.5 < 9 mm. p. 365.
Fig. 12. *Euthria linea pertinax*, Martens. Height, 17.5 mm. p. 376.
Fig. 13. *Euthria linea Traversi*, Hutton. 15 × 28 mm. p. 376.
Fig. 14. *Murex Angasi*, Crosse. 11 × 24 mm. p. 403.
Fig. 15. *Trophon Cheesemani*, Hutton. 9 - 15 mm. p. 407.
Fig. 16. *Trophon corticatus*, Hutton. 9.5 - 19 mm. p. 412.
Fig. 17. *Trophon inferus*, Hutton. 18 × 28 mm. p. 414.
Fig. 18. *Trophon aucklandicus*, E. A. Smith. 4.5 × 9.5 mm. p. 411.
Fig. 19. *Trophon plebejus*, Hutton. 8 × 16 mm. p. 416.
Fig. 20. *Ancilla bicolor*, Gray. 4.2 × 9.5 mm. p. 453.
Fig. 21. *Marginella masearia*, Lamarek. 7.5 × 13 mm. p. 463.
Fig. 22. *Drillia Buchananii maorum*, E. A. Smith. 6.5 × 21 mm. p. 474.
Fig. 23. *Drillia nova-zelandiae*, Reeve. 10 - 28 mm. p. 477.
Fig. 24. *Drillia Trailli*, Hutton. 10.2 × 28 mm. p. 478.
Fig. 25. *Drillia Angasi*, Crosse. 6 × 15 mm. p. 480.
Fig. 26. *Drillia lavis*, Hutton. 7 × 18 mm. p. 481.
Fig. 27. *Daphnella striata*, Hutton. 7 × 16 mm. pp. 488, 1084.
Fig. 28. *Daphnella cancellata*, Hutton. 8 < 22 mm. p. 508.
Fig. 29. *Terebra tristis*, Deshayes. 6 × 19 mm. p. 515.
Fig. 30. *Haminea cuticulifera*, E. A. Smith. 6 × 13.5 mm. p. 538.



PLATE 47.

Tonna variegata, Lamarek. 102 × 120 mm. p. 314.

PLATE 47.



PLATE 48.

- Fig. 1. *Murex octogonus*, Q. & G. 29 × 55 mm. p. 400.
Fig. 2. *Murex zelandicus*, Q. & G. 20.3 × 54 mm. p. 402.
Fig. 3. *Thais haustum*, Martyn. 39 × 62 mm. p. 422.
Fig. 4. *Thais succincta*, Martyn. 42 × 64 mm. p. 423.
Fig. 5. *Fulguraria arabica*, Martyn. 46 × 117 mm. p. 445.
Fig. 6. *Fulguraria arabica elongata*, Swainson. 60 × 170 mm. p. 446.
Fig. 7. *Fulguraria depressa*, Suter. 41 × 80 mm. p. 447.
Fig. 8. *Fulguraria gracilis*, Swainson. 23 × 55 mm. p. 448.
Fig. 9. *Siphonaria obliquata*, Sowerby. 25.5 × 41 mm. p. 599.
Fig. 10. *Paryphanta Busbyi*, Gray. 66 × 29 mm. p. 778.
Fig. 11. *Paryphanta Hochstetteri*, Pfr. 65 × 28 mm. p. 781.
Fig. 12. *Paryphanta Edwardi*, Suter. 30 × 20 mm. p. 780.
Fig. 13. *Paryphanta Gilliesi*, E. A. Smith. 35 mm. p. 781.
Fig. 14. *Placostylus Hongii*, Lesson. 38 × 84 mm. p. 765.
Fig. 15. *Placostylus Hongii ambagiosus*, Suter. 33 × 74 mm. p. 768.

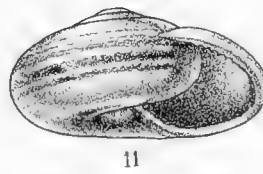
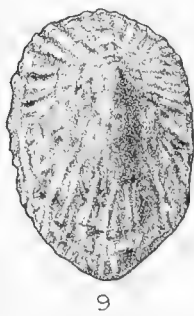
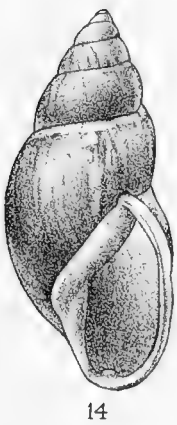
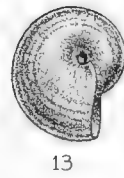
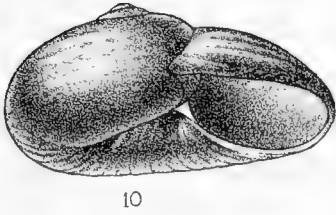
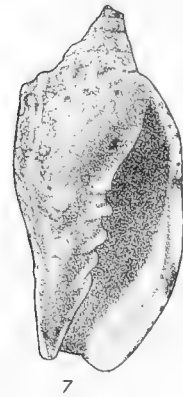
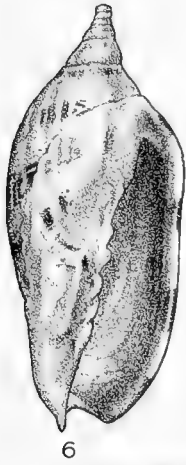
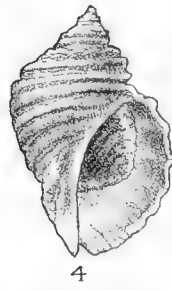
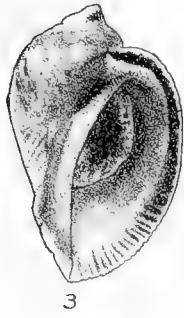
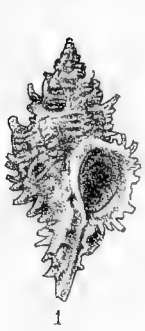


PLATE 49.

- Fig. 1. *Ancilla australis*, Sowerby. 19 × 34 mm. p. 451.
Fig. 2. *Ancilla australis pyramidalis*, Reeve. 15 × 29 mm. p. 452.
Fig. 3. *Ancilla depressa*, Sowerby. 8.5 × 15 mm. p. 454.
Fig. 4. *Ancilla mucronata*, Sowerby. 21 × 45 mm. p. 455.
Fig. 5. *Bathytoma Cheesemani*, Hutton. 9 × 19.2 mm. p. 491.
Fig. 6. *Bullaria Adamsi*, Menke. 16 × 26 mm. p. 534.
Fig. 7. *Bullaria australis*, Q. & G. 22 × 36 mm. p. 534.
Fig. 8. *Haminea zelandica*, Gray. 19 × 24 mm. p. 538.
Figs. 9, a. *Amphibola crenata*, Martyn. 25 × 28 mm. p. 596.
Fig. 10. *Siphonaria lateralis*, Gould. 16 × 24 mm. p. 601.
Fig. 11. *Rhytida Dunnia*, Gray. 24 × 11 mm. p. 773.
Fig. 12. *Rhytida Greenwoodi*, Gray. 23.5 × 12 mm. p. 774.
Fig. 13. *Rhytida patula*, Hutton. 23 × 10 mm. p. 776.
Fig. 14. *Dentalium zelandicum*, Sowerby. 57 × 8 mm. p. 819.
Fig. 15. *Dentalium ecostatum*, T. W. Kirk. 15 × 1.7 mm. p. 820.
Fig. 16. *Dentalium arenarium*, Suter. 19 × 2.5 mm. p. 821.
Fig. 17. *Dentalium nanum*, Hutton. 38 × 3 mm. p. 818.

PLATE 49

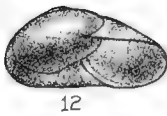
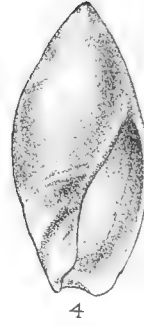
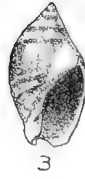
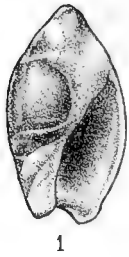


PLATE 50.

- Fig. 1. *Phacussa fulminata*, Hutton. 8.5 × 5.8 mm. p. 623.
Fig. 2. *Phacussa Henryi*, Suter. 10 × 5.5 mm. p. 625.
Fig. 3. *Thalassohelix iquiflua*, Reeve. 13 × 7 mm. p. 628.
Fig. 4. *Thalassohelix iquiflua obtusilata*, Reeve. 9 × 5 mm. p. 629.
Fig. 5. *Allodiscus dimorphus*, Pfr. 8.5 × 5 mm. p. 639.
Fig. 6. *Thermia Cressida*, Hutton. 12.2 × 8.2 mm. p. 649.
Fig. 7. *Serpho Kiri*, Gray. 10 × 8 mm. p. 653.
Fig. 8. *Therapsia decidua*, Pfr. 9.5 × 7 mm. p. 657.
Fig. 9. *Therapsia Ophelia*, Pfr. 8 × 4.5 mm. p. 658.
Fig. 10. *Therapsia Thaisa*, Hutton. 10.2 × 7 mm. p. 660.
Fig. 11. *Therapsia Traversi*, E. A. Smith. 11.5 × 7.5 mm. p. 661.
Fig. 12. *Rhytida australis*, Hutton. 11 × 6.2 mm. p. 771.
Fig. 13. *Rhytida Meesoni*, Suter. 11.5 × 6 mm. p. 776.
Fig. 14. *Paryphanta armata*, Pfr. 16 × 9 mm. p. 784.

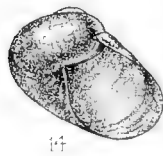


PLATE 51.

- Fig. 1. *Nucula castanea*, A. Adams. 8×7 mm. p. 831.
Fig. 2. *Nucula Hartvigiana*, Pfr. 7.5×6 mm. p. 832.
Fig. 3. *Nucula nitidula*, A. Adams. 5.5×5.5 mm. p. 833.
Figs. 4, a. *Pleurodon maorianus*, Hedley. 2.5×3.2 mm. p. 839.
Figs. 5, a. *Poroleda lanceolata*, Hutton. 18×6.2 mm. p. 839.
Figs. 6, 6a. *Anomia furcata*, Suter. 16×16 mm. p. 842.
Figs. 7, 7a. *Arca cybaea*, Hedley. 3×2.1 mm. p. 850.
Fig. 8. *Glycymeris modesta*, Angas. 24×22 mm. p. 852.
Figs. 9, a. *Limopsis lata*, E. A. Smith. 8.5×8.5 mm. p. 853.
Figs. 10, a. *Lissarca aucklandica*, E. A. Smith. 4.5×3.5 mm. p. 854.
Fig. 11. *Lissarca erilis*, Suter. 3.2×2.2 mm. p. 855.
Fig. 12. *Lissarca pisum*, Suter. 3.5×2.8 mm. p. 855.
Fig. 13. *Philobrya costata*, Bernard. 2.5×3.2 mm. p. 857.
Figs. 14. *Philobrya Filholi*, Bernard. 2.5×3.2 mm. p. 858.
Figs. 15, a. *Philobrya melcagrina*, Bernard. 2.5×2.5 mm. p. 859.
Fig. 16. *Philobrya modiolus*, Suter. 3×3 mm. p. 860.
Figs. 17, a. *Hochstetteria trapezina*, Bernard. 1.5×1.1 mm. p. 860.
Fig. 18. *Dacrydium Pelseneri*, Hedley. 2.2×1.5 mm. p. 871.
Figs. 19, a. *Dacrydium radians*, Suter. 3.5×5.5 mm. p. 872.

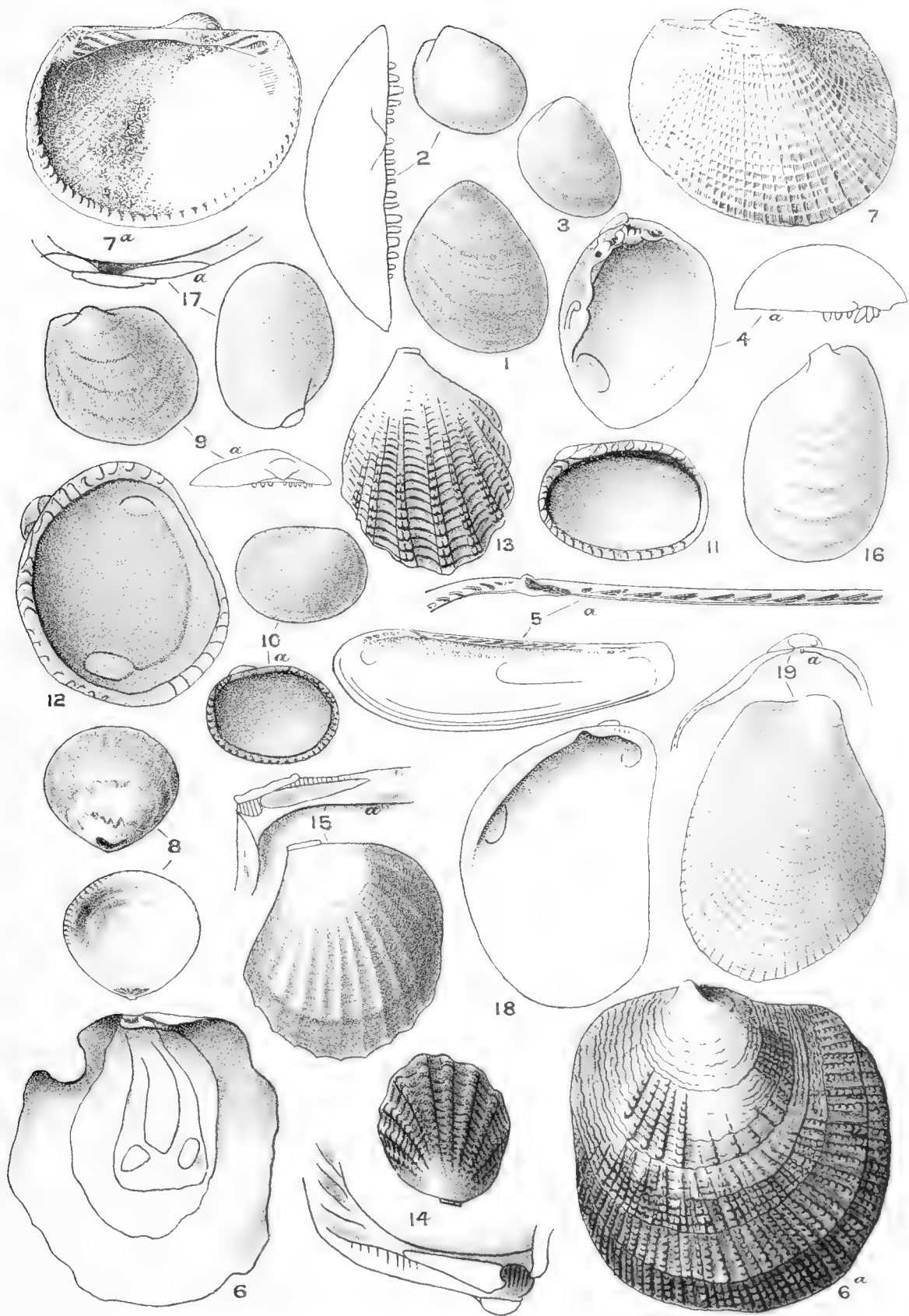


PLATE 52.

- Figs. 1. *a.* *Pecten dichrous*, Suter. 32 × 36 mm. p. 875
Figs. 2. *a.* *Pecten aviculoides*, E. A. Smith. 2 × 1.7 mm. p. 880.
Fig. 3. *Pecten transenna*, Suter. 3.4 × 3 mm. p. 881.
Figs. 4. *a, b.* *Lima sydneyensis*, Hedley. 6 × 8 mm. p. 884.
Fig. 5. *Modiolarca acrobeles*, Suter. 4.2 × 3 mm. p. 894.
Fig. 6. *Modiolarca posilla*, Gould. 5 × 3.2 mm. p. 895.
Fig. 7. *Modiolarca Smithi*, Suter. 3.5 × 2 mm. p. 895.
Figs. 8. *a.* *Modiolarca tasmanica*, Beddome. 5 × 3 mm. p. 896.
Figs. 9. *a.* *Crassatellites obesus*, A. Adams. p. 899.
Figs. 10. *a, b.* *Cyamiomactra problematica*, Bernard. 4.5 × 3 mm. p. 899.
Fig. 11. *Cyamiomactra problematica truncata*, Suter. 4 × 3.5 mm. p. 900.
Figs. 12. *a, b.* *Perrierina taxolonta*, Bernard. 3.5 × 2.5 mm. p. 900.
Fig. 13. *Cana carditelloides*, Suter. 2.5 × 3 mm. p. 902.
Figs. 14. *a, b.* *Cana delta*, Tate and May. 2.3 × 2.5 mm. p. 902.

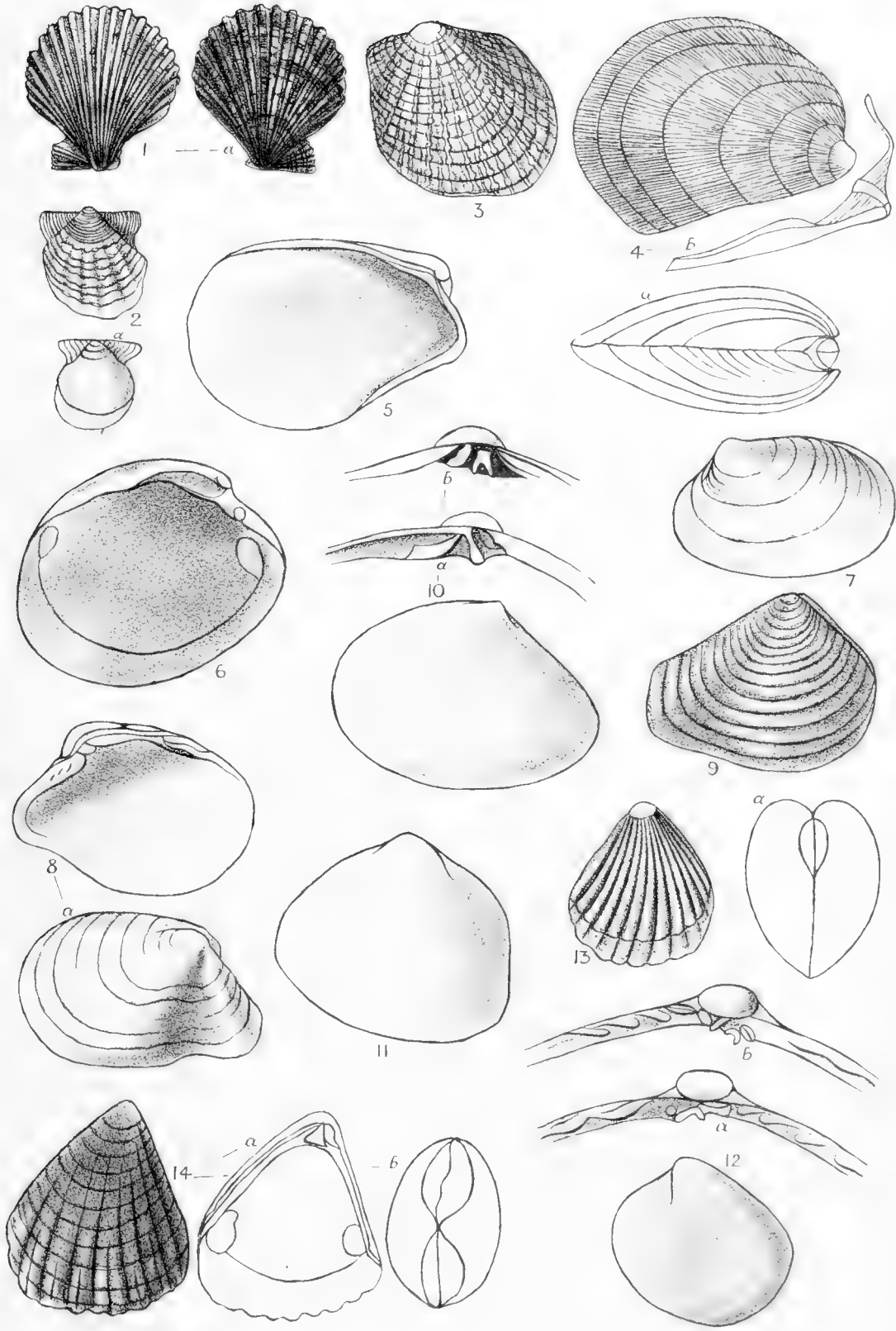


PLATE 53.

- Figs. 1, *a, b.* *Venericardia Bollonsi*, Suter. 9 × 8 mm. p. 907.
Fig. 2. *Venericardia zelandica*, Deshayes. 12 × 13 mm. p. 907.
Fig. 3. *Venericardia corbis*, Philippi. 5 × 5.5 mm. p. 908.
Figs. 4, *a.* *Verticoprionus mytilus*, Hedley. 1.6 × 2.3 mm. p. 909.
Fig. 5. *Condylocardia concentrica*, Bernard. 1 × 1.1 mm. p. 910.
Figs. 6, *a, b.* *Condylocardia crassicosta*, Bernard. 1.3 × 1.2 mm. p. 911.
Figs. 7, *a.* *Montacuta triquetra*, Suter. 3.7 × 3.3 mm. p. 915.
Fig. 8. *Thyasira otagoensis*, Suter. 4.5 × 4.5 mm. p. 919.
Figs. 9, *a.* *Erycina bifurca*, Webster. 4 × 3.2 mm. p. 921.
Figs. 10, *a, b.* *Erycina parva*, Deshayes. 3.3 × 2.4 mm. p. 922.
Figs. 11, *a, b.* *Neolepton antipodum*, Filhol. 2.6 × 2.3 mm. p. 924.
Fig. 12. *Neolepton citrinum*, Hutton. 2 × 1.7 mm. p. 925.
Figs. 13, *a, b.* *Neolepton sanguineum*, Hutton. 3 × 2.7 mm. p. 925.
Fig. 14. *Lasaea miliaris*, Philippi. 3 × 2.5 mm. p. 926.
Fig. 15. *Lasaea scalaris*, Philippi. 7 × 5.5 mm. p. 928.

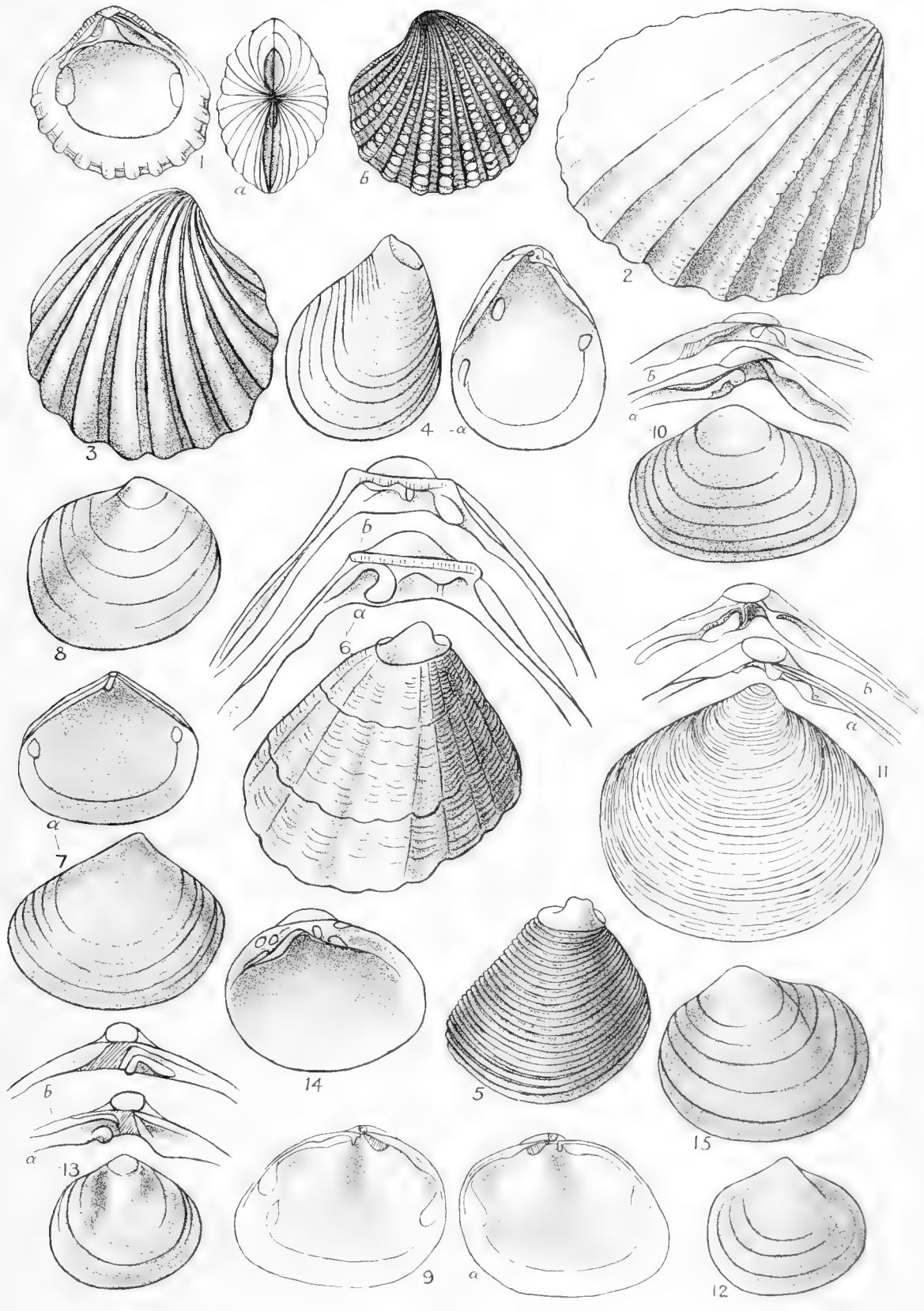


PLATE 54.

- Fig. 1. *Lasaea neozelanica*, Suter. 7 × 6 mm. p. 927.
Fig. 2. *Myllita Stowei*, Hutton. 13 × 7 mm. p. 929.
Figs. 3, a, b. *Pachykellya Edwardsi*, Bernard. 1 × 2 mm. p. 929.
Figs. 4, a. *Rochefortia reniformis*, Suter. 7.2 × 5 mm. p. 931.
Figs. 5, a, b. *Rochefortia donaciformis*, Angas. 1.8 × 3.3 mm. p. 931.
Figs. 6, a, b. *Cyamium oblongum*, E. A. Smith. 5 × 3 mm. p. 932.
Figs. 7, a, b. *Spharidium novae-zelandiae*, Deshayes. 6.8 × 5.5 mm. p. 934.
Figs. 8, a. *Cornuocyclas Hodgkini*, Suter. 2.7 × 1.7 mm. p. 935.
Figs. 9, a, b. *Cornuocyclas novae-zelandiae*, Prime. 6 × 5 mm. p. 936.
Figs. 10, a. *Cornuocyclas aucklandica*, Suter. 3.5 × 2.7 mm. p. 936.
Figs. 11, a, b. *Tellina Charlotta*, E. A. Smith. 11 × 8.5 mm. p. 947.
Figs. 12, a, b. *Tellina Huttoni*, E. A. Smith. 10 × 5.3 mm. p. 949.
Figs. 13, a. *Tellina arimatoria*, Suter. 7.5 × 5 mm. p. 950.
Figs. 14, a, c. *Leptomysa lineata*, Hutton. 25 × 17 mm. p. 956.
Figs. 15, a. *Verticordia setosa*, Hedley. 5.7 × 5 mm. p. 1035.
Figs. 16, a. *Cuspidaria Fairchildi*, Suter. 13 × 6 mm. p. 1036.
Figs. 17, a. *Cuspidaria Trailli*, Hutton. 10 × 5.5 mm. p. 1037.
Figs. 18, a. *Leda fastidiosa*, A. Adams. 8.5 × 5 mm. p. 836.

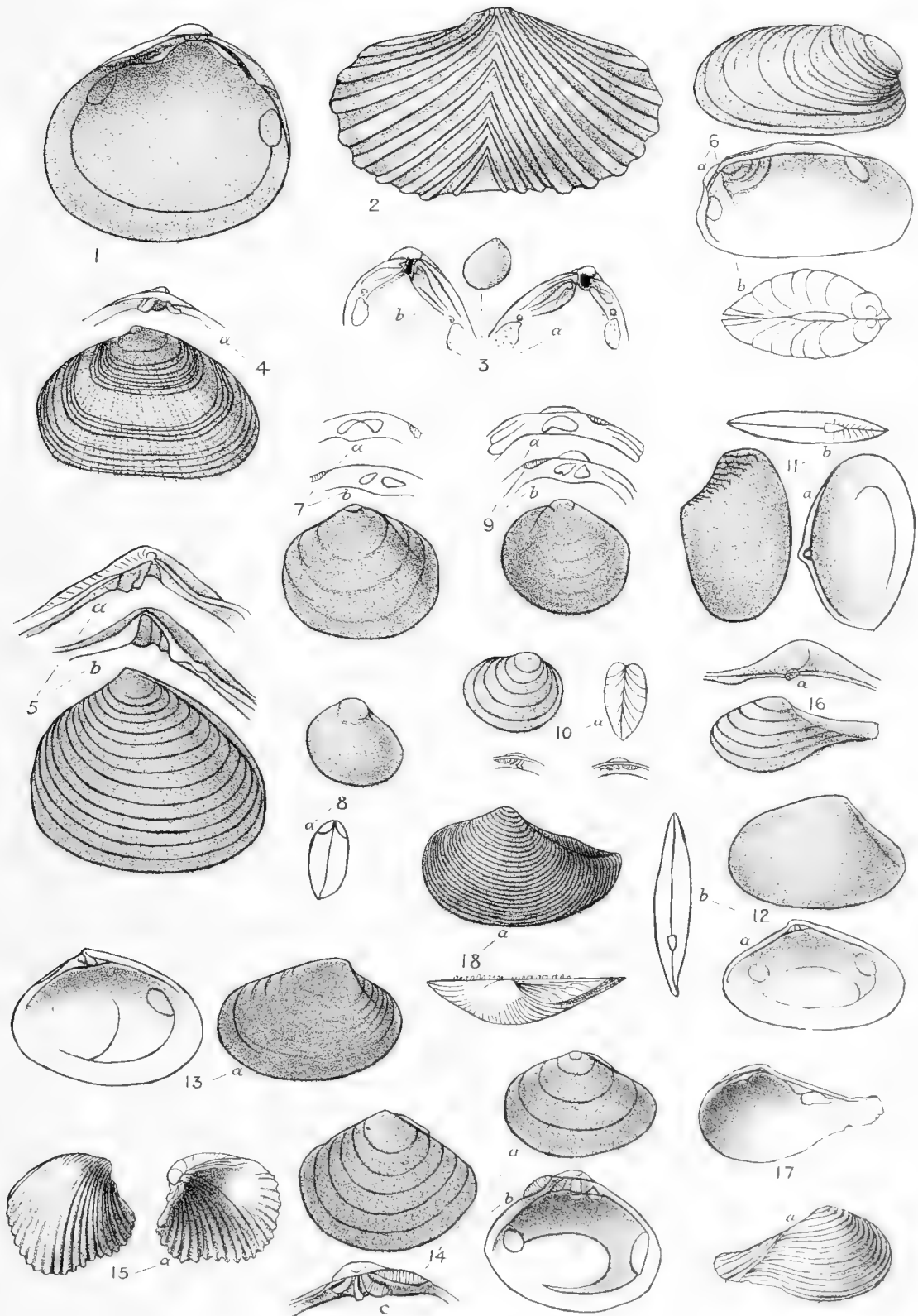


PLATE 55.

- Figs. 1. *a, b.* *Paphia fabagella*, Deshayes. 21 × 13 mm. p. 994.
Fig. 2. *Corbula gibba*, Olivi. 12 × 8 mm. p. 1008.
Figs. 3. *a.* *Corbula macilenta*, Hutton. 13 × 7.5 mm. p. 1009.
Fig. 4. *Corbula zelandica*, Q. & G. 13.5 × 9 mm. p. 1010
Fig. 5. *Corbula Haastiana*, Hutton. 10 × 10 mm. p. 1011
Figs. 6. *a.* *Saxicava arctica*, L. p. 1012.
Figs. 7. *a d.* *Teredo Brugtieri*, Delle Chiaje. p. 1019.
Figs. 8. *a, b.* *Teredo Saulii*, Wright. p. 1021.
Figs. 9. *a.* *Thracia transema*, Suter. 18 × 13 mm. p. 1023.
Figs. 10. *a.* *Myodora antipodum*, E. A. Smith. 13.3 × 9 mm. p. 1027
Figs. 11. *a.* *Myodora Boltoni*, E. A. Smith. 14.3 × 9 mm. p. 1027.
Fig. 12. *Myodora crassa*, Stutchbury. 13 × 10.5 mm. p. 1029.
Figs. 13. *a.* *Myodora nova-zealandia*, E. A. Smith. 9.3 × 8.3 mm. p. 1029
Figs. 14. *a.* *Myodora pandoriformis*, Stutchbury. 18 × 12 mm. p. 1030.
Fig. 15. *Myodora rotundata*, Sowerby. 25.4 × 23.2 mm. p. 1030.
Figs. 16. *a.* *Myodora subrostrata*, E. A. Smith. 18 × 14.5 mm. p. 1032.

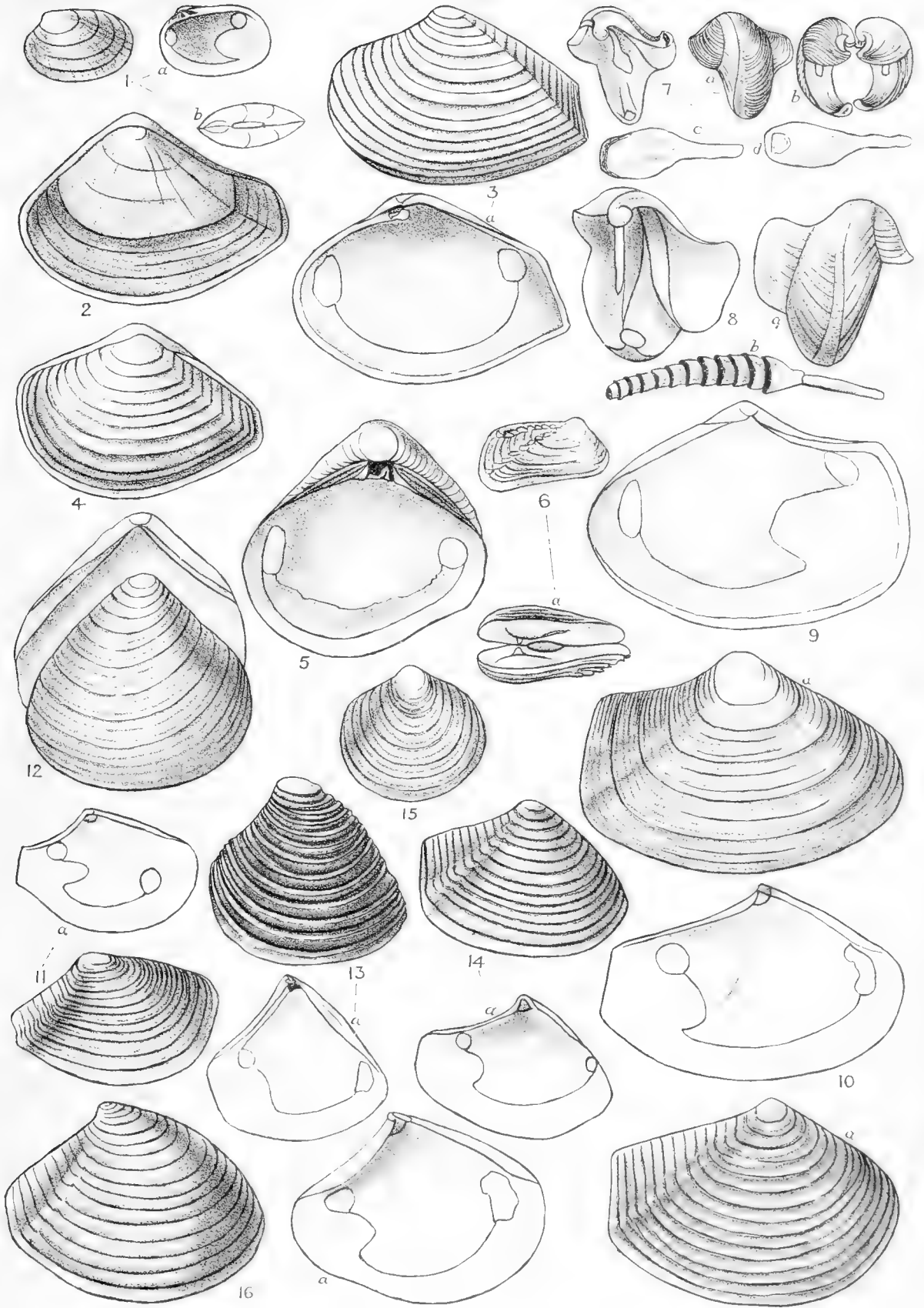


PLATE 56.

- Fig. 1. *Placmanomia zelandica*, Gray. 67 × 55 mm. p. 845.
Fig. 2. *Area decussata*, Sowerby. 58 × 30 mm. p. 848.
Fig. 3. *Glycymeris laticostata*, Q. & G. 70 × 73 mm. p. 851.
Fig. 4. *Mytilus edulis*, L. 50 × 25 mm. p. 862.
Fig. 5. *Mytilus canaliculus*, Martyn. 172 × 70 mm. p. 864.
Fig. 6. *Mytilus magellanicus*, Lamarek. 82 × 42 mm. p. 865.
Fig. 7. *Pecten medius*, Lamarek. 110 × 92 mm. p. 874.
Fig. 8. *Pecten convexus*, Q. & G. 46 × 43 mm. p. 879.
Fig. 9. *Pecten radiatus*, Hutton. 44 × 46 mm. p. 877.
Fig. 10. *Pecten zelandicus gemmulatus*, Reeve. 30 × 33 mm. p. 878.



10



3



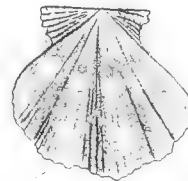
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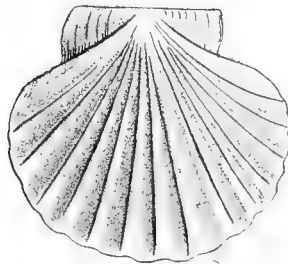
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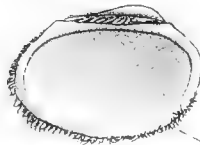
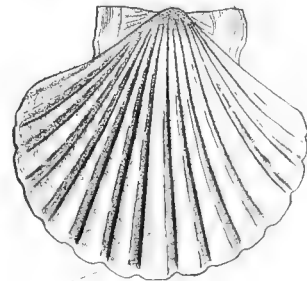
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5



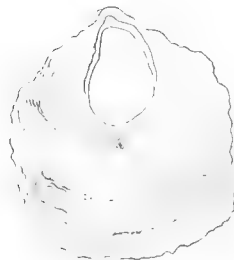
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2



4



1

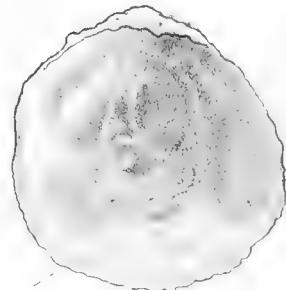
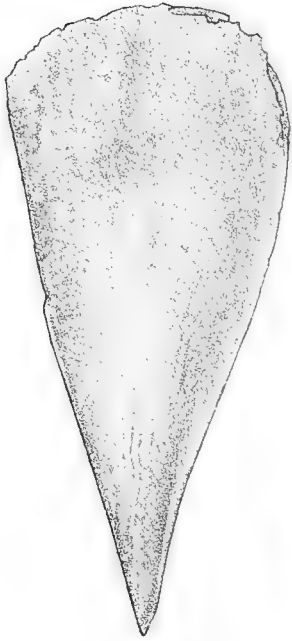
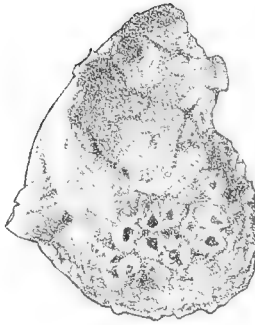


PLATE 57.

- Fig. 1. *Atrina zelandica*, Gray. 125 × 226 mm. p. 893
Fig. 2. *Ostrea hyotis*, L. 75 × 90 mm. p. 889.
Fig. 3. *Ostrea Angasi*, Sowerby. 70 × 84 mm. p. 888.
Fig. 4. *Ostrea Tatei*, Suter. 66 × 60 mm. p. 889.
Fig. 5. *Ostrea corrugata*, Hutton. 76 × 66 mm. p. 890.
Fig. 6. *Ostrea glomerata*, Gould. p. 891.
Fig. 7. *Ostrea reniformis*, Sowerby. p. 892.
Fig. 8. *Anomia Huttoni*, Suter. 51 × 42 mm. p. 843.
Fig. 9. *Anomia undata*, Hutton. 53 × 53 mm. p. 843.
Fig. 10. *Anomia Walleri*, Hector. 67 × 51 mm. p. 844



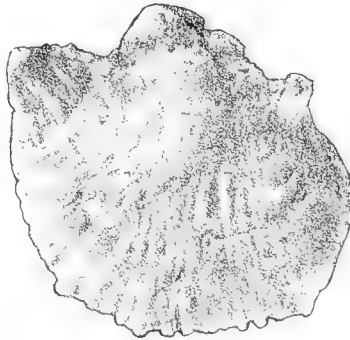
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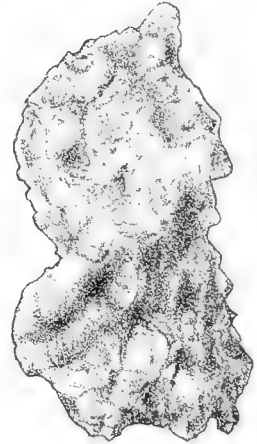
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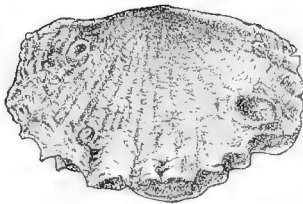
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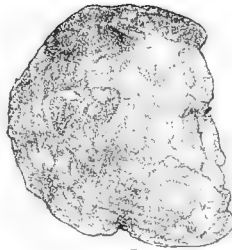
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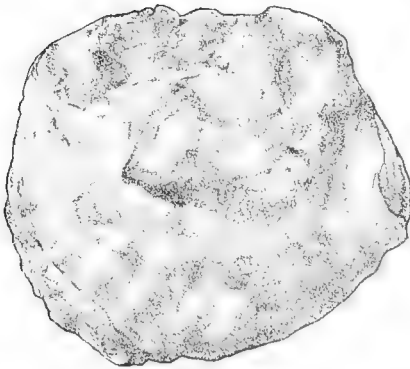
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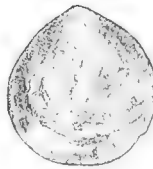
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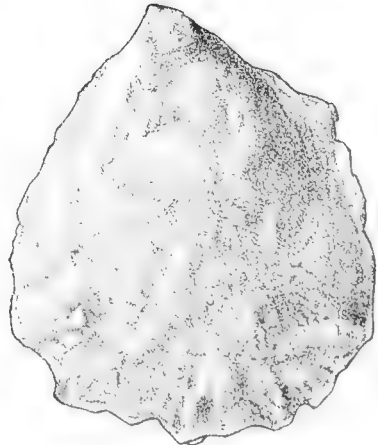
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4



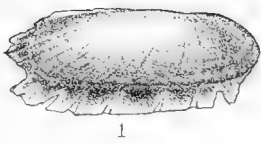
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3

PLATE 58.

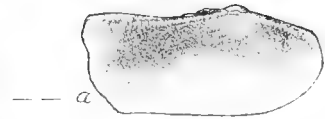
- Fig. 1. *Solemya Parkinsoni*, E. A. Smith. 51 × 18 mm. p. 830.
- Figs. 2. *a. Malletia australis*, Q. & G. 36 × 18 mm. p. 837.
- Fig. 3. *Arca reticulata*, Gmelin. 23 × 13 mm. p. 849.
- Fig. 4. *Modiolus ater*, Zelebor. 25 × 12 mm. p. 866.
- Fig. 5. *Modiolus australis*, Gray. 44 × 26 mm. p. 867.
- Fig. 6. *Modiolus fluviatilis*, Hutton. 25 × 13 mm. p. 867.
- Fig. 7. *Modiolaria impacta*, Hermann. 42 × 27 mm. p. 870.
- Fig. 8. *Lithophaga truncata*, Gray. 36 × 15 mm. p. 870.
- Figs. 9. *a. Pecten imparvicostatus*, Bavay. 18 × 19 mm. p. 876.
- Fig. 10. *Pecten zelandiae*, Gray. 31 × 33 mm. p. 878.
- Fig. 11. *Lima lima*, L. 42 × 49 mm. p. 883.
- Fig. 12. *Lima multicosata*, Sowerby. 36 × 48 mm. p. 884.
- Fig. 13. *Lima bullata*, Born. 17 × 29 mm. p. 886.
- Fig. 14. *Crassatellites bellulus*, A. Adams. 21 × 15 mm. p. 898.
- Fig. 15. *Cardita calyculata*, L. 32 × 18 mm. p. 903.
- Fig. 16. *Venericardia australis*, Lamarck. 46 × 39 mm. p. 905.
- Fig. 17. *Venericardia difficilis*, Deshayes. 34 × 30 mm. p. 906.
- Fig. 18. *Divaricella Cumingi*, Ad. & Ang. 29 × 27 mm. p. 913.
- Fig. 19. *Diplodonta globularis*, Lamarck. 28 × 25 mm. p. 916.



1



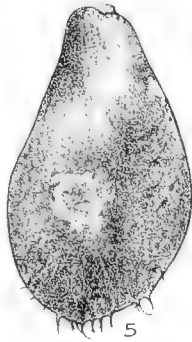
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alpha



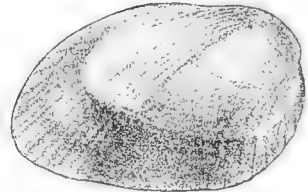
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6



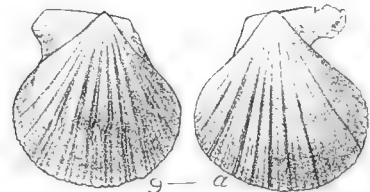
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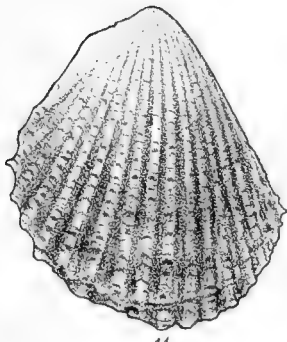
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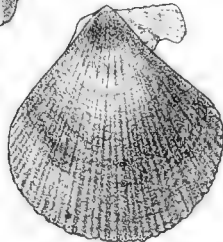
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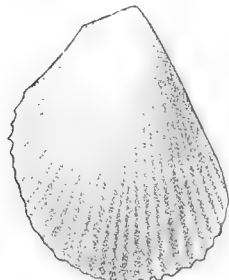
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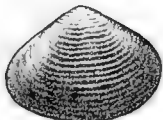
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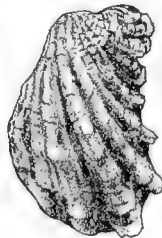
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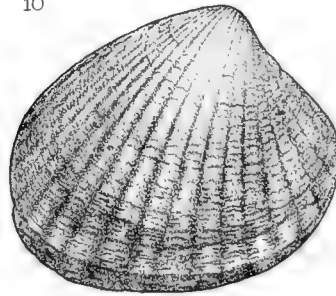
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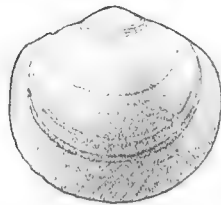
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PLATE 59.

- Figs. 1, *a*. *Diplodon Lessoni*, Küster. 51 × 30 mm. p. 938.
Fig. 2. *Diplodon lutulentus*, Gould. 51 × 25 mm. p. 939.
Fig. 3. *Diplodon Menziesi*, Gray. 77 × 47 mm. p. 940.
Fig. 4. *Diplodon Menziesi aucklandicus*, Gray. 58 × 31 mm. p. 941.
Fig. 5. *Diplodon Menziesi depauperatus*, Hutton. 61 × 30 mm. p. 941.
Fig. 6. *Diplodon Menziesi Hochstetteri*, Dunker. 65 × 48 mm. p. 942.
Fig. 7. *Diplodon Menziesi Lucasi*, Suter. 45 × 24 mm. p. 942.
Fig. 8. *Diplodon Menziesi rugatus*, Hutton. 52 × 34 mm. p. 943.
Fig. 9. *Diplodon Menziesi Websteri*, Simpson. 67 × 32 mm. p. 943.
Fig. 10. *Diplodon Zelebori*, Dunker. 86 × 48 mm. p. 944.
Fig. 11. *Tellina deltoïdalis*, Lamarek. 73 × 53 mm. p. 948.
Fig. 12. *Tellina eugonia*, Suter. 33 × 22 mm. p. 949.
Fig. 13. *Tellina disculus*, Deshayes. 38 × 38 mm. p. 951.
Fig. 14. *Tellina alba*, Q. & G. 58 × 38 mm. p. 952.
Fig. 15. *Tellina glabrella*, Deshayes. 29 × 17 mm. p. 953.
Fig. 16. *Tellina Spenceri*, Suter. 45 × 25 mm. p. 954.
Figs. 17, *a*. *Mesodesma australe*, Gmelin. 60 × 35 mm. p. 960.
Fig. 18. *Mesodesma ventricosum*, Gray. 112 × 70 mm. p. 959.
Fig. 19. *Mesodesma subtriangulatum*, Gray. 47 × 31 mm. p. 958.

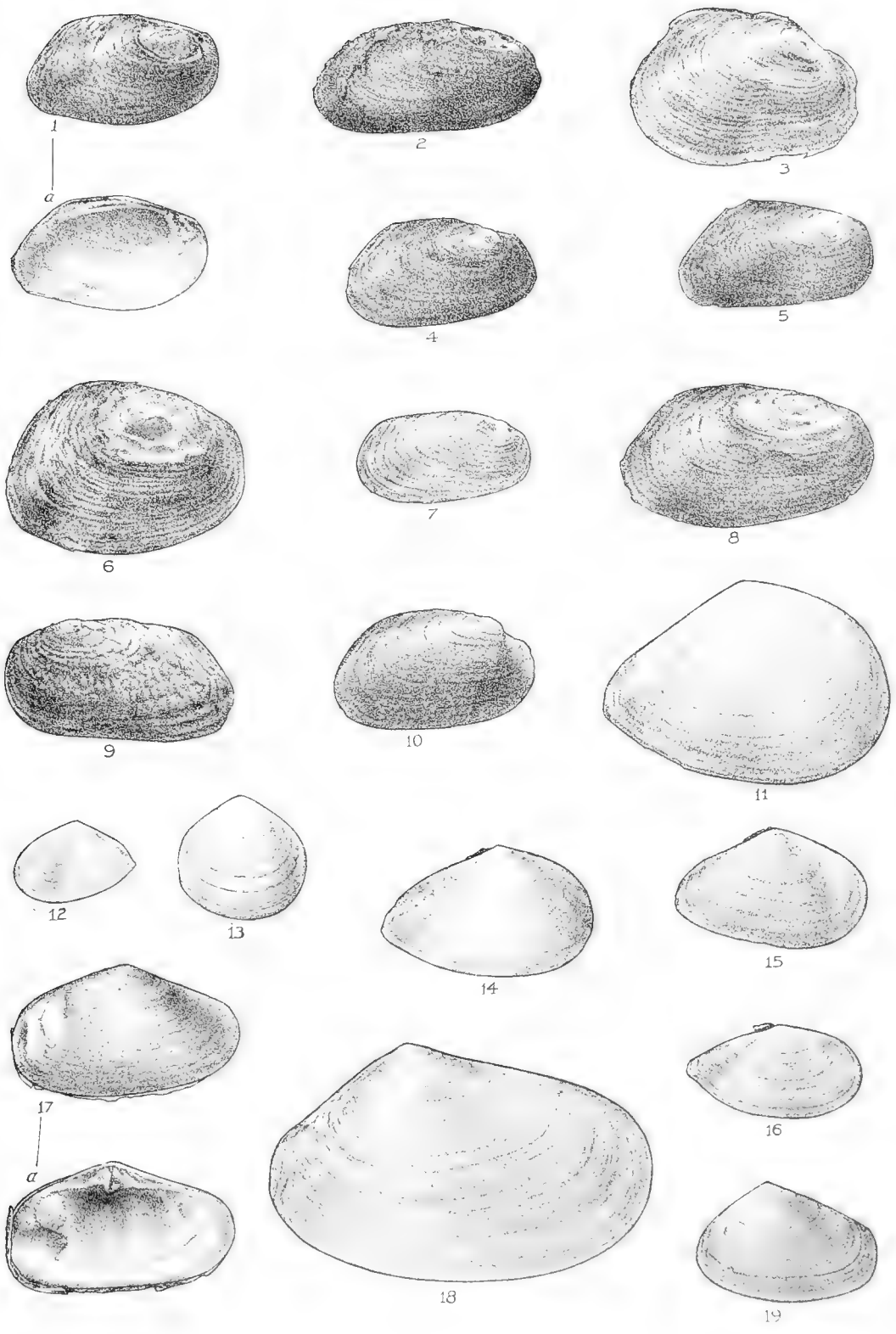
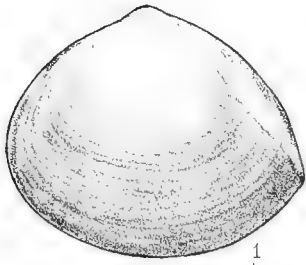
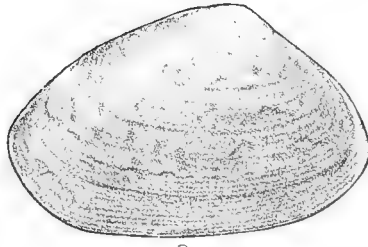


PLATE 60.

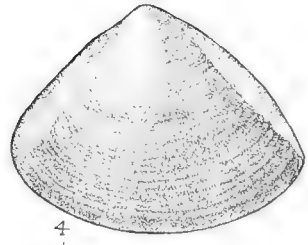
- Figs. 1, *a. Mactra discors*, Gray. 92 × 80 mm. p. 964.
Fig. 2. *Mactra elongata*, Q. & G. 92 × 63 mm. p. 965.
Fig. 3. *Mactra ovata*, Gray. 85 × 66 mm. p. 966.
Figs. 4, *a. Spisula aquilateralis*, Deshayes. 77 × 60 mm. p. 969.
Fig. 5. *Rada perspicua*, Hutton. 70 × 50 mm. p. 970.
Figs. 6, *a. Zenatia acinaces*, Q. & G. 94 × 45 mm. p. 972.
Figs. 7, *a. Resania lanceolata*, Gray. 100 × 49 mm. p. 973.
Fig. 8. *Dosinia carulea*, Reeve. 61 × 55 mm. p. 977.
Fig. 9. *Dosinia anus*, Philippi. 72 × 71 mm. p. 978.
Figs. 10, *a. Dosinia subrosca*, Gray. 48 × 44 mm. p. 979.
Fig. 11. *Chione Yatei*, Gray. 55 × 49 mm. p. 990.



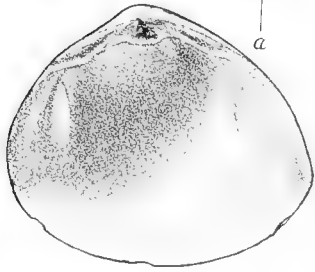
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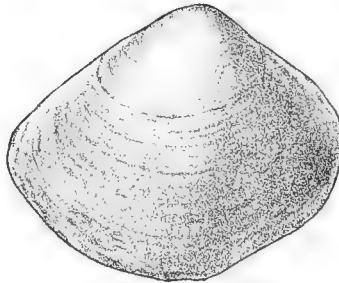
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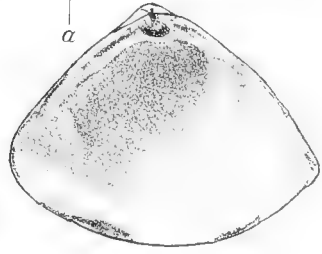
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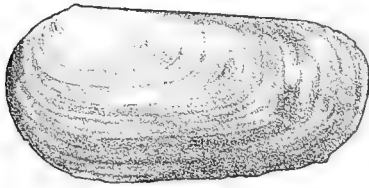
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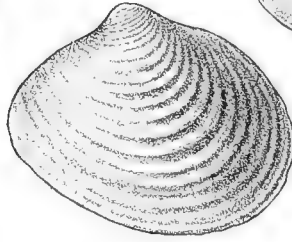
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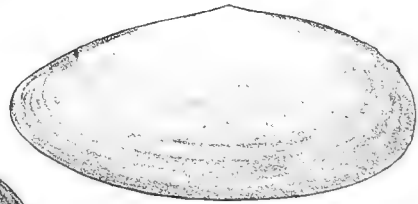
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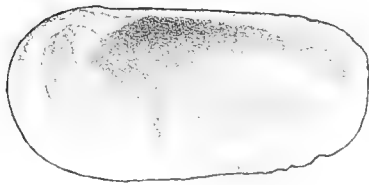
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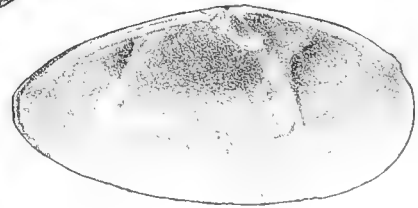
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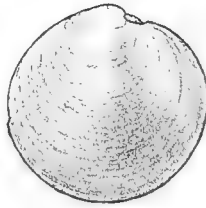
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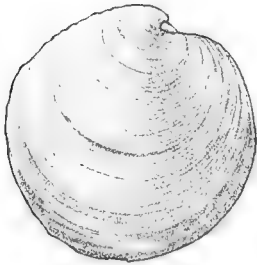
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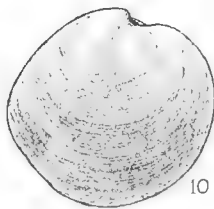
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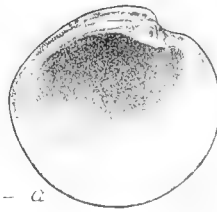
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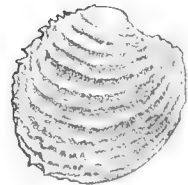
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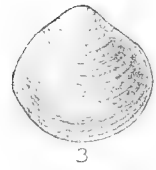
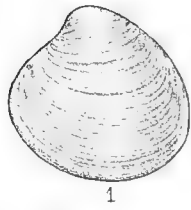
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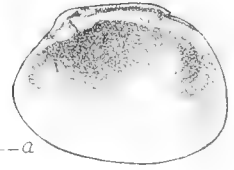
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PLATE 61.

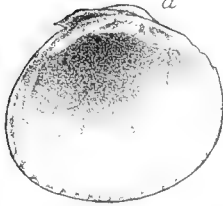
- Fig. 1. *Cytherea crebra*, Hutton. 49 × 45 mm. p. 984.
Figs. 2, a. *Cytherea oblonga*, Hanley. 57 × 47 mm. p. 985.
Fig. 3. *Cytherea subsulcata*, Suter. 41 × 35 mm. p. 985.
Figs. 4, a. *Chione Stutchburgi*, Gray. 47 × 40 mm. p. 987.
Fig. 5. *Chione disjecta*, Perry. 58 × 35 mm. p. 989.
Figs. 6, a. *Paphia intermedia*, Q. & G. 57 × 41 mm. p. 995.
Fig. 7. *Paphia costata*, Q. & G. 38 × 32 mm. p. 996.
Fig. 8. *Psammobia lineolata*, Gray. 54 × 28 mm. p. 1002.
Figs. 9, a. *Psammobia Stangeri*, Gray. 55 × 33 mm. p. 1003.
Figs. 10, a. *Panopea zelandica*, Q. & G. 73 × 52 mm. p. 1013.
Figs. 11, a. *Barnea similis*, Gray. 68 × 22 mm. p. 1017.
Figs. 12, a. *Cochlodesma Angasi*, C. & F. 68 × 46 mm. p. 1025.
Figs. 13, a. *Chamostrea albida*, Lamarck. 58 × 65 mm. p. 1033.
Fig. 14. *Pholadidea spathulata*, Sowerby. 45 × 21 mm. p. 1015.



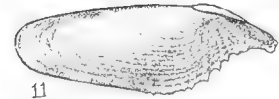
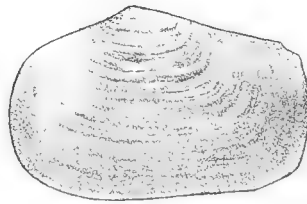
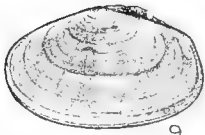
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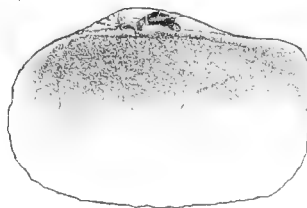
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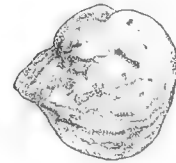
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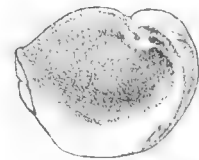
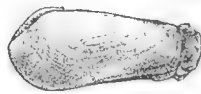
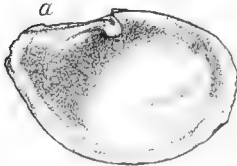


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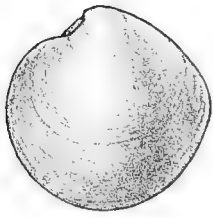


a

a

PLATE 62.

- Fig. 1. *Dosinia lambata*, Gould. 25 × 24 mm. p. 976.
Fig. 2. *Dosinia Greyi*, Zittel. 31 × 29 mm. p. 980.
Figs. 3. *a. Macrocallista multistriata*, Sowerby. 34 × 24 mm. p. 982.
Fig. 4. *Chione crassa*, Q. & G. 27 × 25 mm. p. 991.
Fig. 5. *Chione mesodesma*, Q. & G. 20 × 16 mm. p. 991.
Figs. 6. *a. Venerupis elegans*, Deshayes. 38 × 20 mm. p. 997.
Fig. 7. *Venerupis reflera*, Gray. 28 × 21 mm. p. 998.
Fig. 8. *Venerupis siliqua*, Deshayes. 26 × 15 mm. p. 999.
Fig. 9. *Protocardia pulchella*, Gray. 27 × 22 mm. p. 1000.
Fig. 10. *Psammobia zelandica*, Deshayes. 27 × 16 mm. p. 1004.
Fig. 11. *Soletellina nitida*, Gray. 42 × 22 mm. p. 1005.
Fig. 12. *Soletellina siliqua*, Reeve. 45 × 23 mm. p. 1006.
Fig. 13. *Soletellina biradiata*, Wood. 57 × 35 mm. p. 1083.
Fig. 14. *Pholadidea tridens*, Gray. 20 × 11 mm. p. 1016.
Fig. 15. *Thracia vitrea*, Hutton. 32 × 22 mm. p. 1024.
Fig. 16. *Myodora brevis*, Sowerby. 29 × 25 mm. p. 1028.
Figs. 17. *a. Myodora striata*, Q. & G. 35 × 30 mm. p. 1031.



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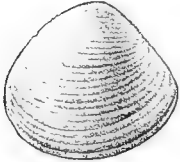
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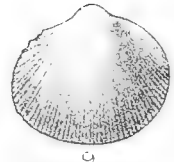
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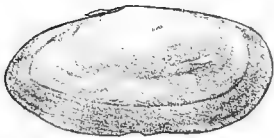
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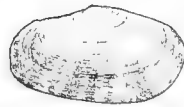
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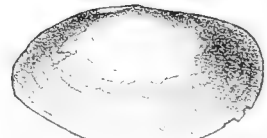
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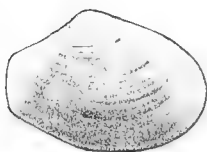
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PLATE 63.

- Fig. 1. *Nucula Strangei*, A. Adams. 10 × 7 mm. p. 833.
- Figs. 2. *a. Leda bellula*, A. Adams. 10 × 7 mm. p. 833.
- Figs. 3. *a. Modiolaria barbata*, Reeve. 10 × 5 mm. p. 868.
- Fig. 4. *Lima angulata*, Sowerby. 11 × 14 mm. p. 885.
- Fig. 5. *Lima Sateri*, Dall. 4.5 × 7.1 mm. p. 886.
- Fig. 6. *Modiolarca trapezina*, Lamarck. 17 × 13 mm. p. 896.
- Fig. 7. *Venericardia amabilis*, Deshayes. 11 × 10 mm. p. 906.
- Fig. 8. *Loripes concinna*, Hutton. 7.5 × 7.2 mm. p. 912.
- Fig. 9. *Diplodonta striata*, Hutton. 15 × 14 mm. p. 917.
- Fig. 10. *Diplodonta zelandica*, Gray. 22 × 21 mm. p. 917.
- Fig. 11. *Thyasira flexuosa*, Montagu. 19 × 17 mm. p. 919.
- Figs. 12. *a. Kellia suborbicularis*, Montagu. 13 × 11 mm. p. 923.
- Fig. 13. *Macoma Sateri*, E. A. Smith. 15 × 12 mm. p. 955.
- Fig. 14. *Mactra scalpellum*, Reeve. 24 × 15 mm. p. 963.
- Figs. 15. *a. Gomphina maorum*, E. A. Smith. 16 × 13 mm. p. 993.
- Fig. 16. *Spirula ordinaria*, E. A. Smith. 13 × 9.5 mm. p. 968.
- Fig. 17. *Spirula spirula*, L. 20 mm. p. 1017.

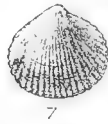
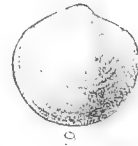


PLATE 64.

Architeuthis longimanus T. W. Kirk. p. 1019

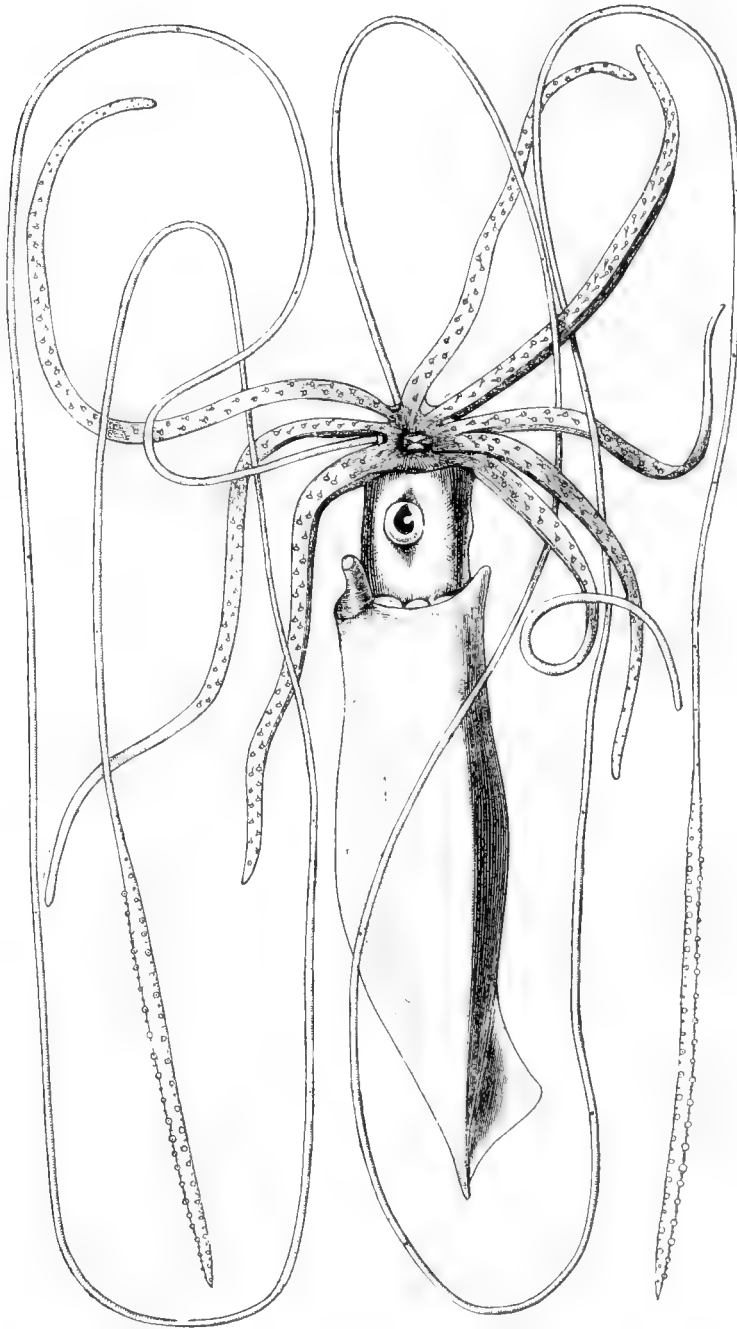


PLATE 65.

Fig. 2. *Architeuthis Stockii*, T. W. Kirk. p. 1051.

Fig. 3. Jaws of same.

Fig. 4. Internal shell of same

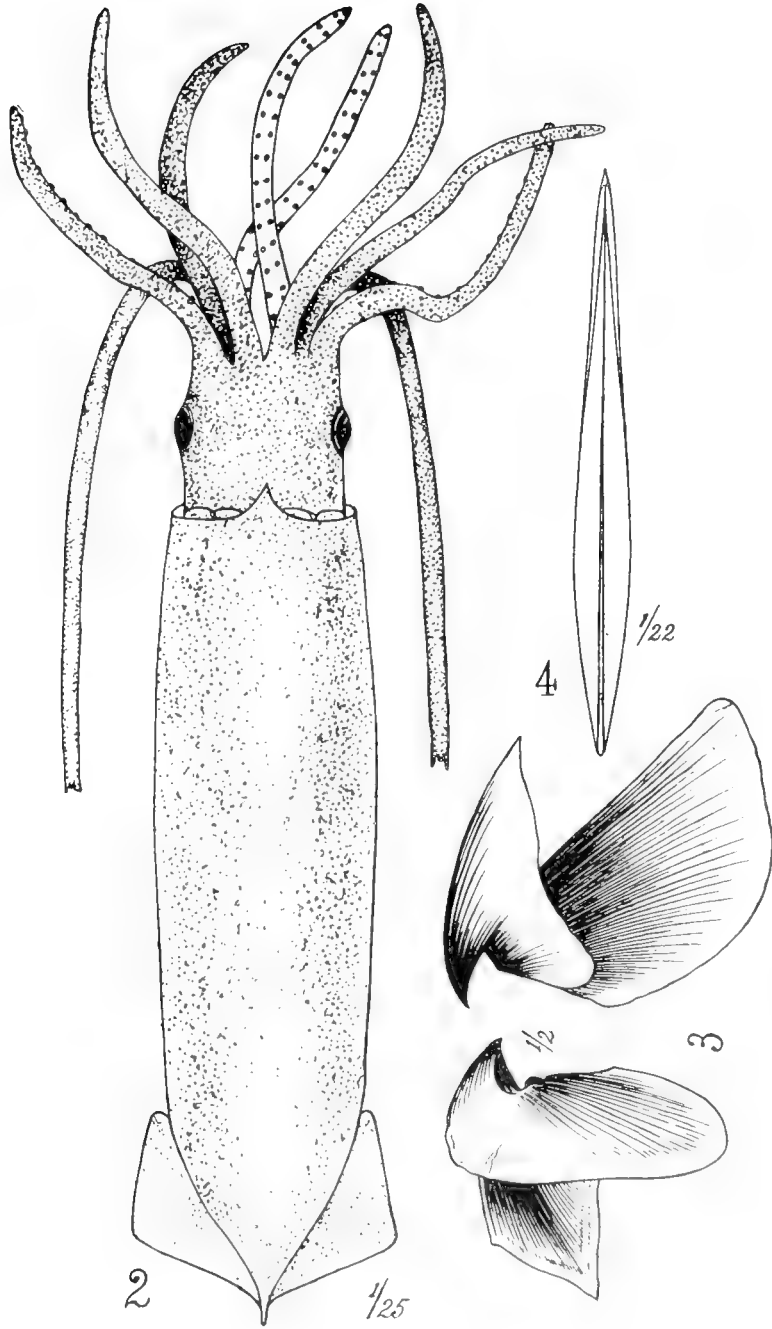


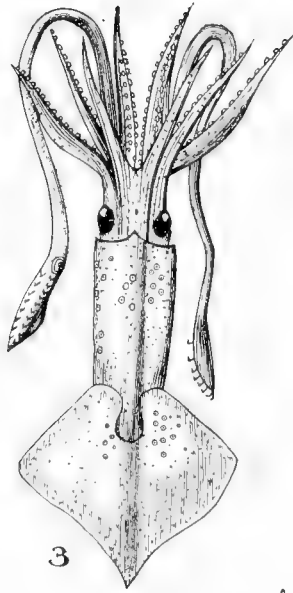
PLATE 66.

Fig. 1. *Architeuthis Verrilli*, T. W. Kirk. p. 1052.

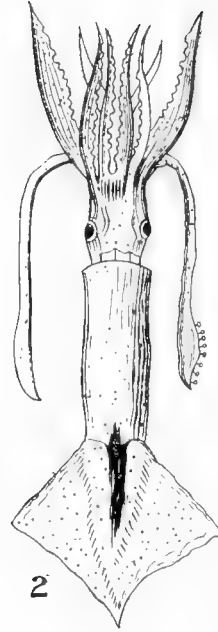
Fig. 2. *Ommastrephes sagittatus*, Lamarek. p. 1053.

Fig. 3. *Onychoteuthis Banksi*, Leach. p. 1054.

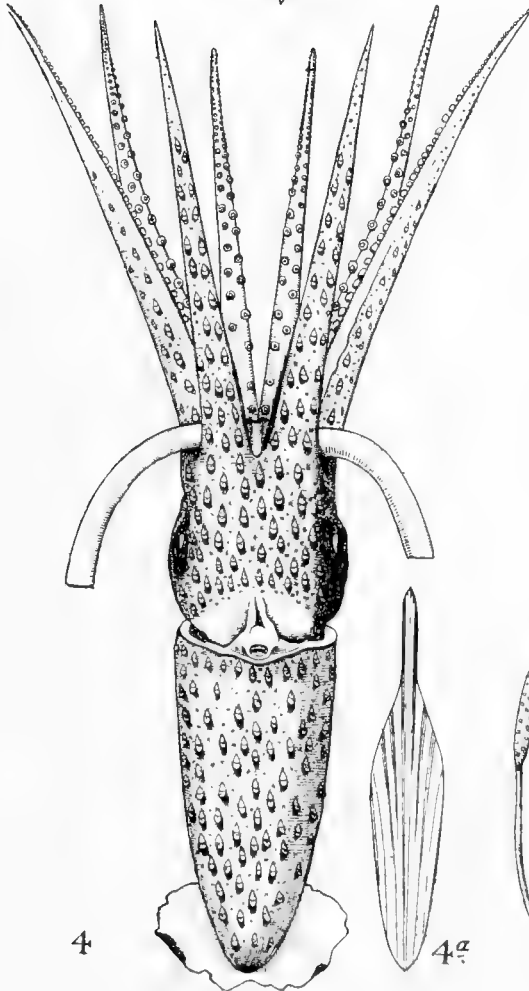
Fig. 4. *Calliteuthis reversa*, Verrill. p. 1055.



3

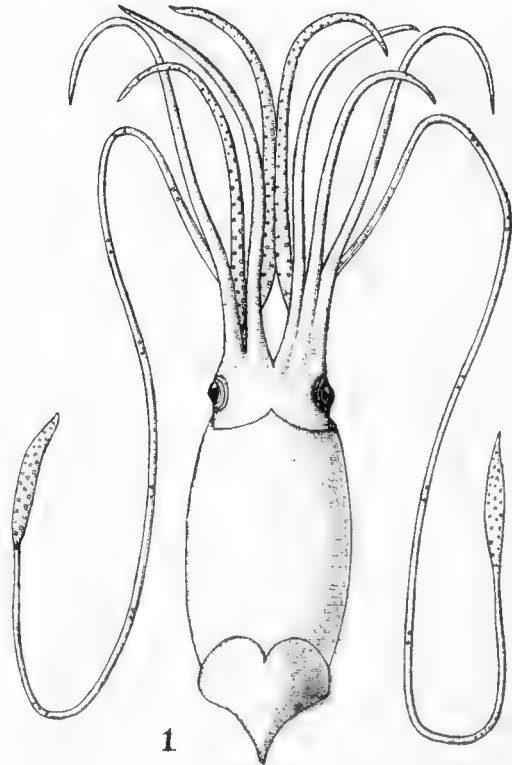


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1^a

PLATE 67.

Sepia apama, Gray. Dorsal view. p. 1058.

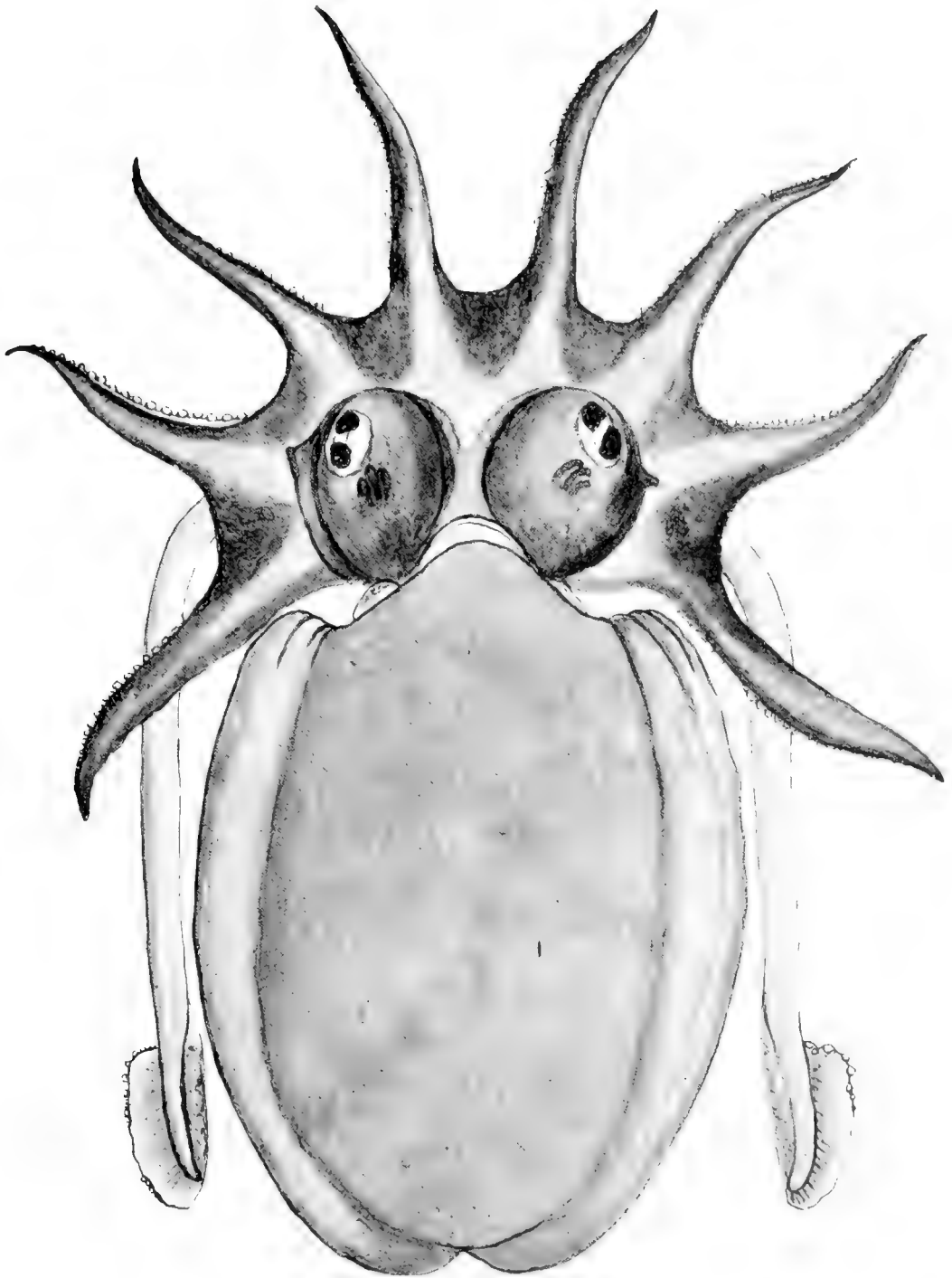


PLATE 68.

Sepia apama, Gray. Ventral view. p. 1058.

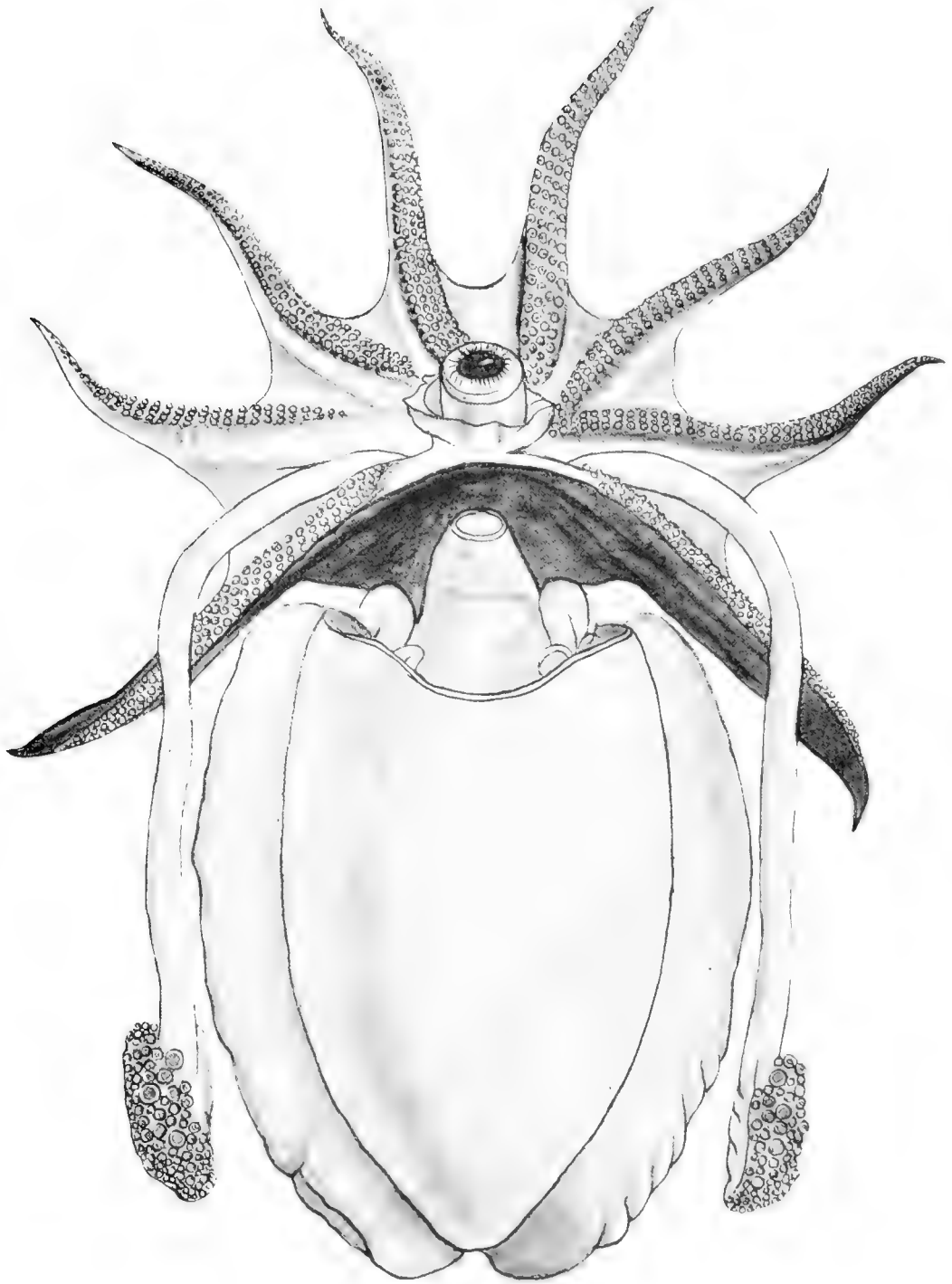


PLATE 69.

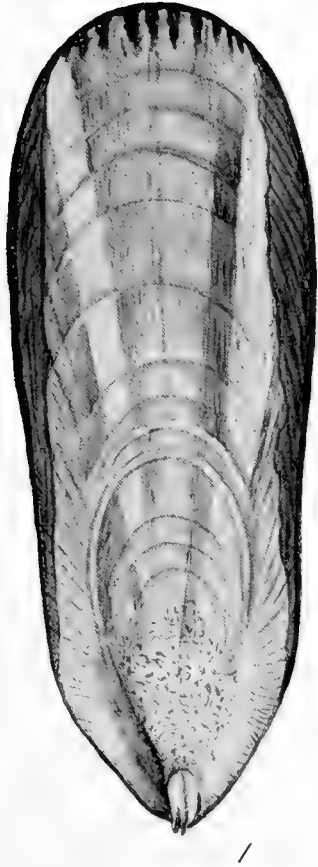
Figs. 1. *1a.* *Sepia apama*, Gray Internal shell (*ossiculus*). p. 1058.

Fig. 2. *Taonidium Suhmi*, Hoyle. p. 1056.

Fig. 3. *Polypus Campbelli*, E. A. Smith. p. 1063.

Fig. 4. *Argonauta hians*, Dillwyn. p. 1067

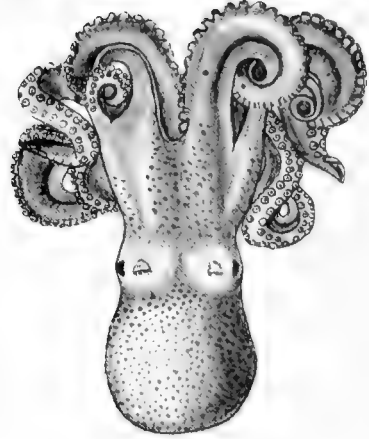
Fig. 5. *Spirula spirula*, L. p. 1047



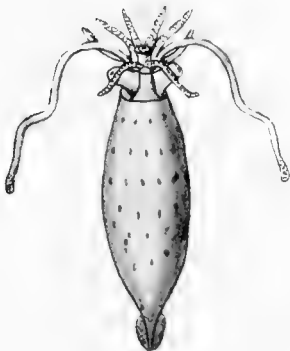
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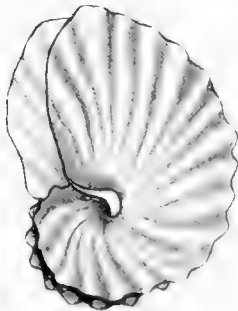
1a



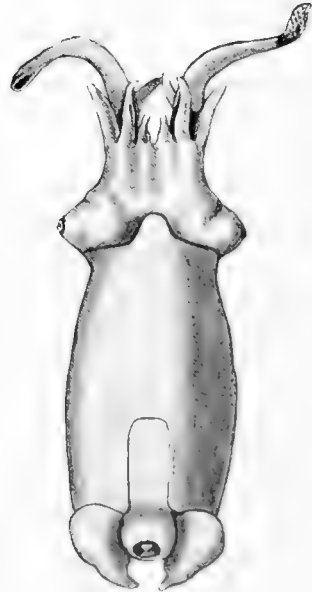
3



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4



5

PLATE 70.

- Figs. 1, 1a. *Sepioteuthis bilineata*, Q. & G. 1, a, Gladius. p. 1061
Figs. 2, 2a. *Sepioteuthis Lessoniana*, Férussac. 2, a, Gladius. p. 1062.
Fig. 3. *Pinnoctopus cordiformis*, Q. & G. p. 1065.
Fig. 4. *Tremoctopus violaceus*, Delle Chiaje. p. 1065.

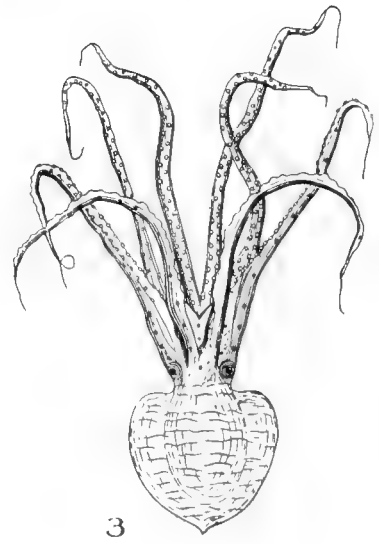
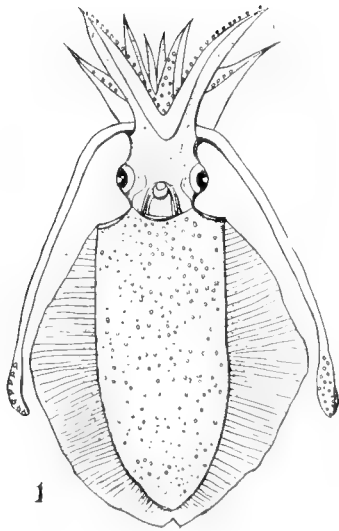
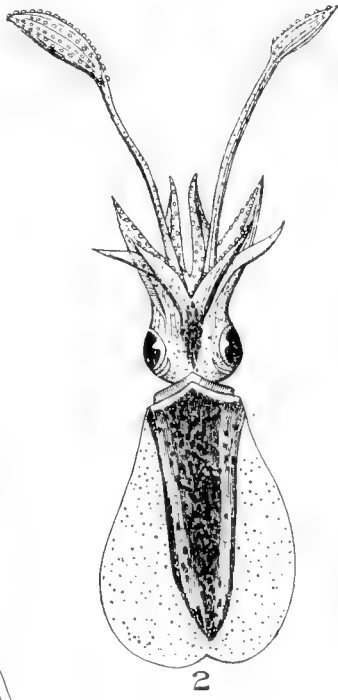
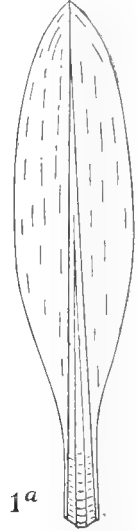
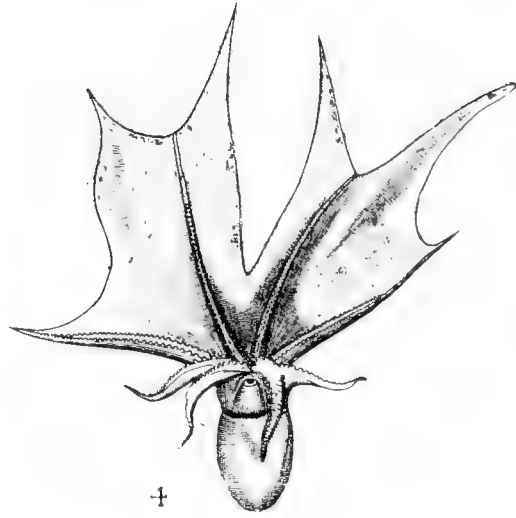
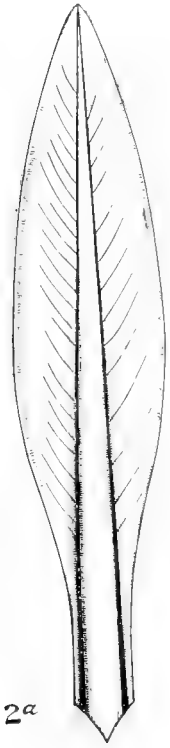


PLATE 71

Argonauta tuberculata. Shaw. p. 1067.

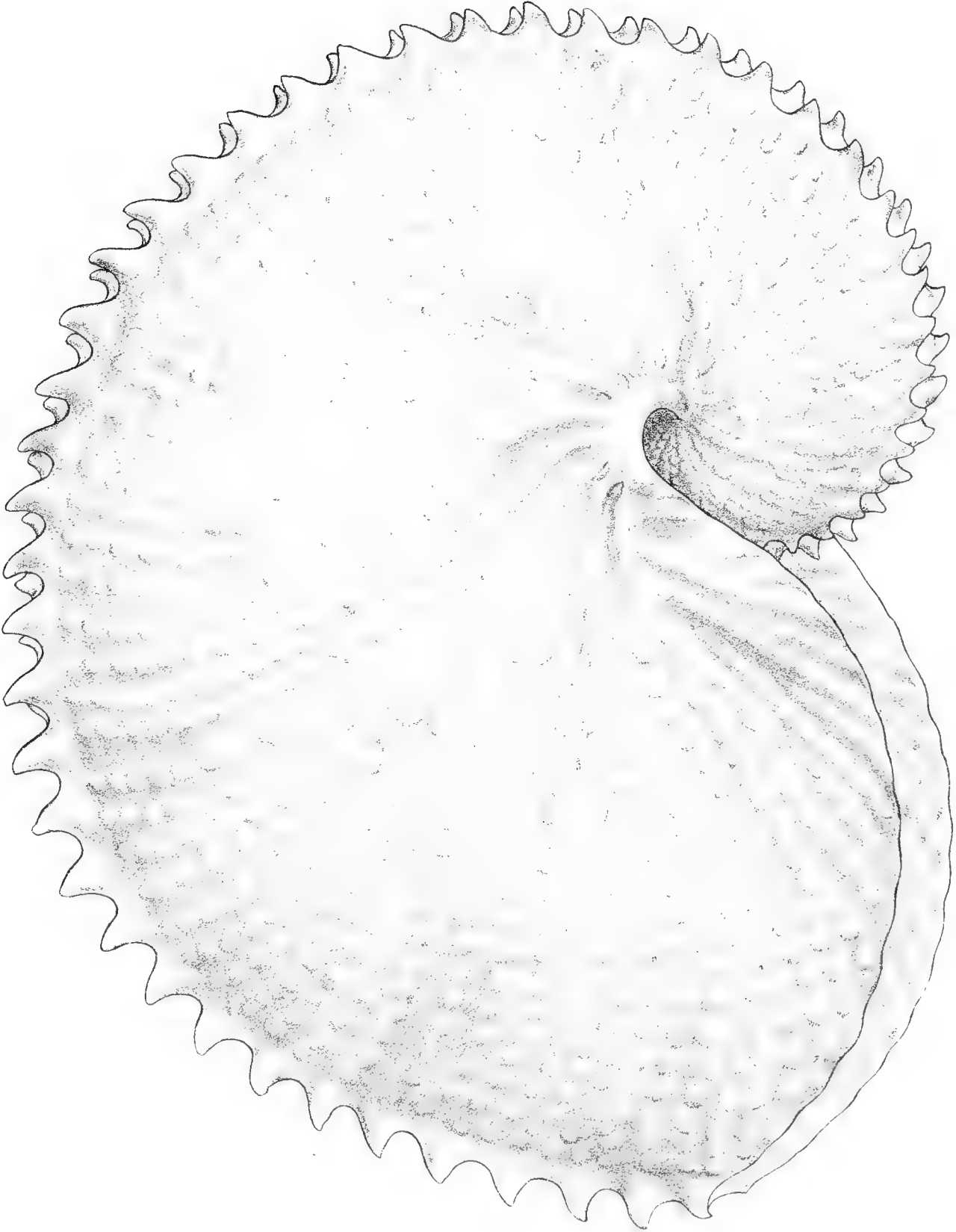
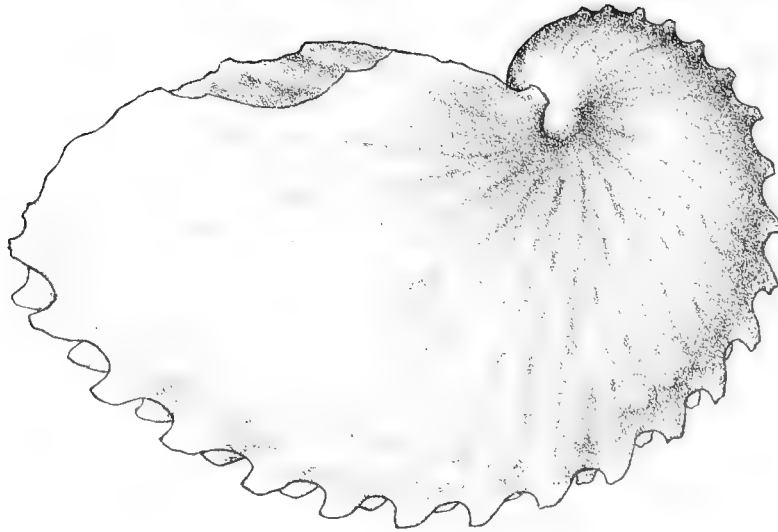
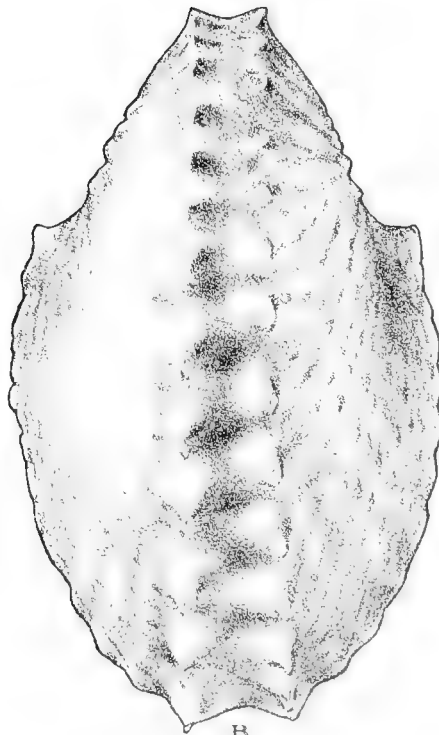


PLATE 72

A.B. *Argonauta argo* (L.). Bolten p. 1066.

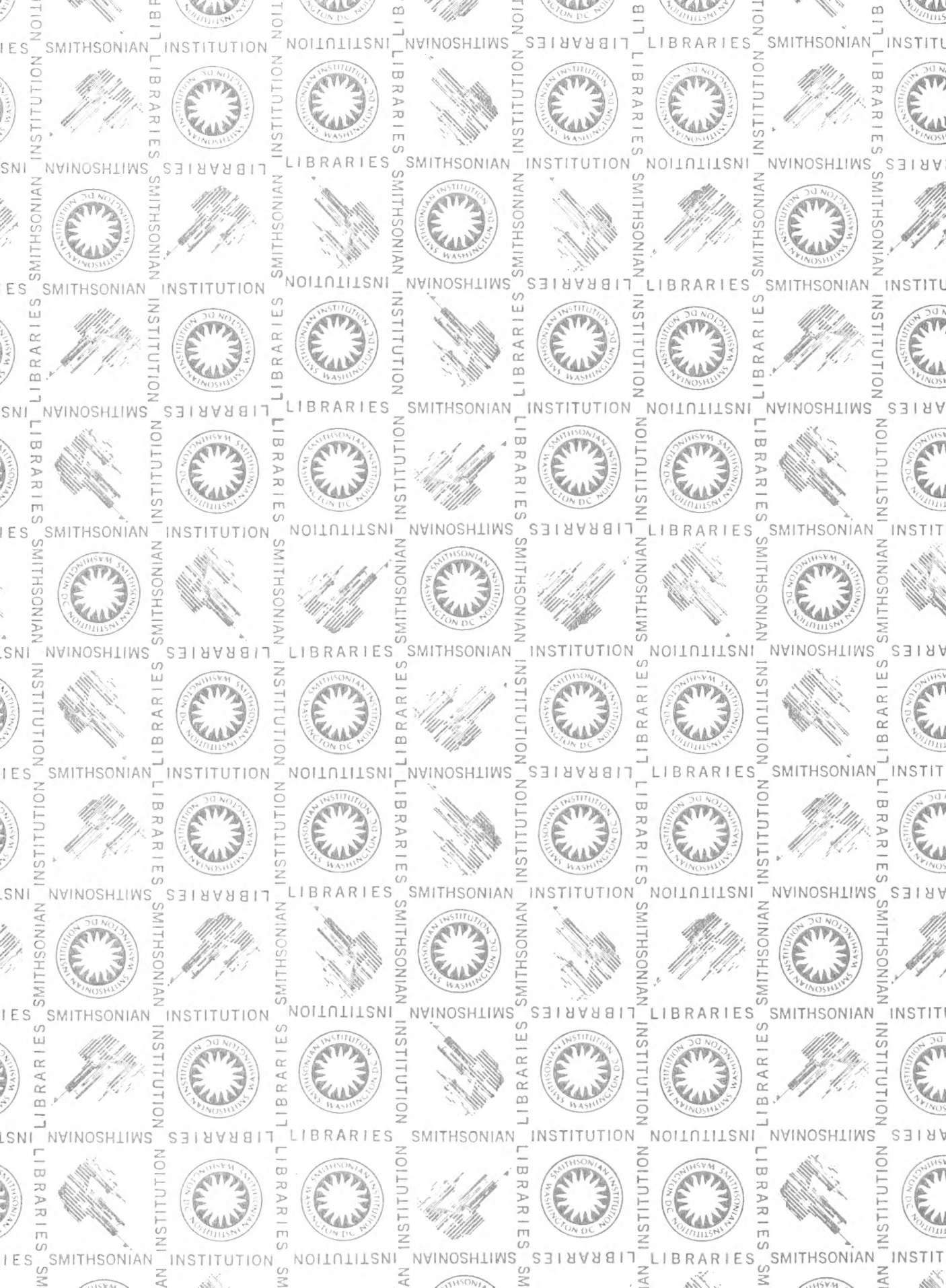


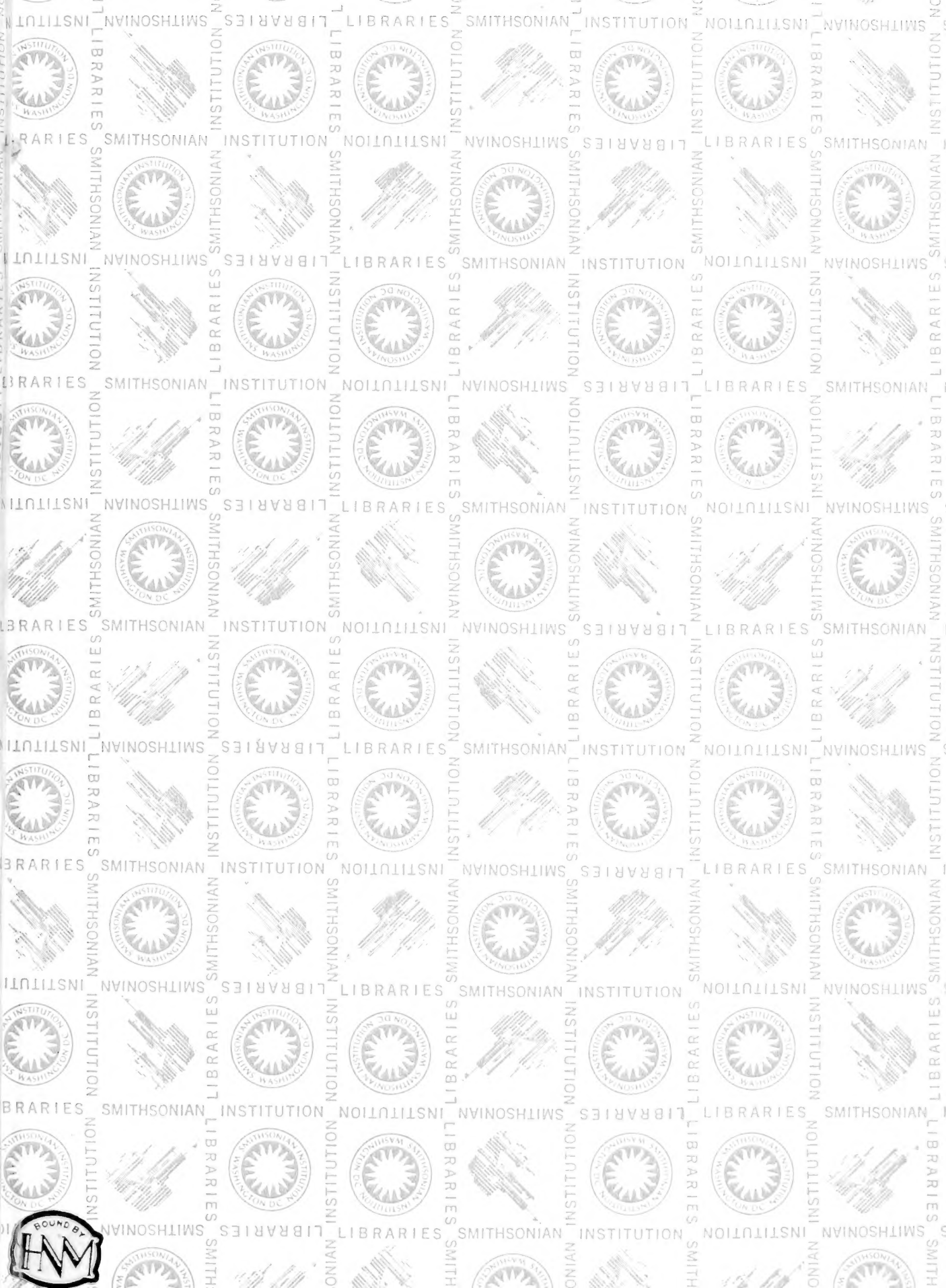
A



B







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