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**A monograph of the Mollusca from the Great Oolite, chiefly from
Minchinhampton and the coast of Yorkshire**

Morris, John

London, 1850-1863

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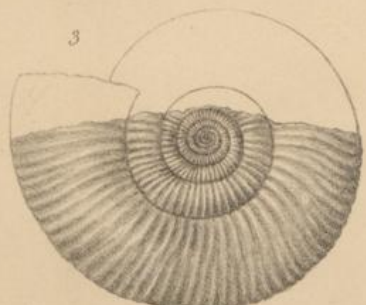
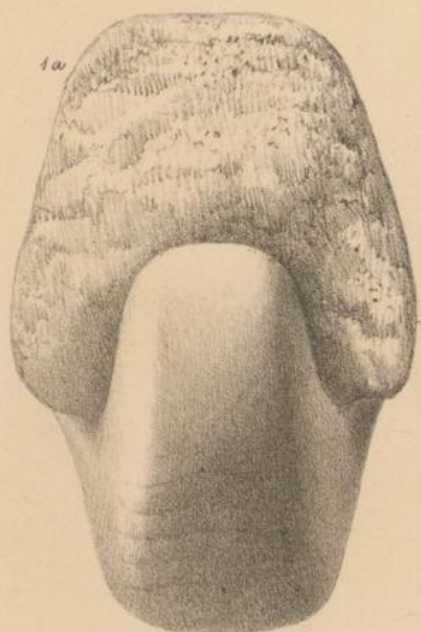
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PLATE I.

Fig.

1. *Nautilus Baberi*, *p.* 10, side view. (*Hexaymoe*)
- 1*a.* — — front view.
2. *Nautilus subtruncatus*, *p.* 10, side view.
- 2*a.* — — front view.
3. *Ammonites gracilis*, *p.* 12, young; and *p.* 105, Plate XIII, figs. 2, 2*a*, adult.
4. *Ammonites Waterhousei*, *p.* 13, side view.
- 4*a.* — — front view.
5. *Belemnites Bessinus*, *p.* 8.
7. — — showing the phragmacone.
- 6, 8. *Belemnites fusiformis*, *p.* 8.



1/2 Nat. Size



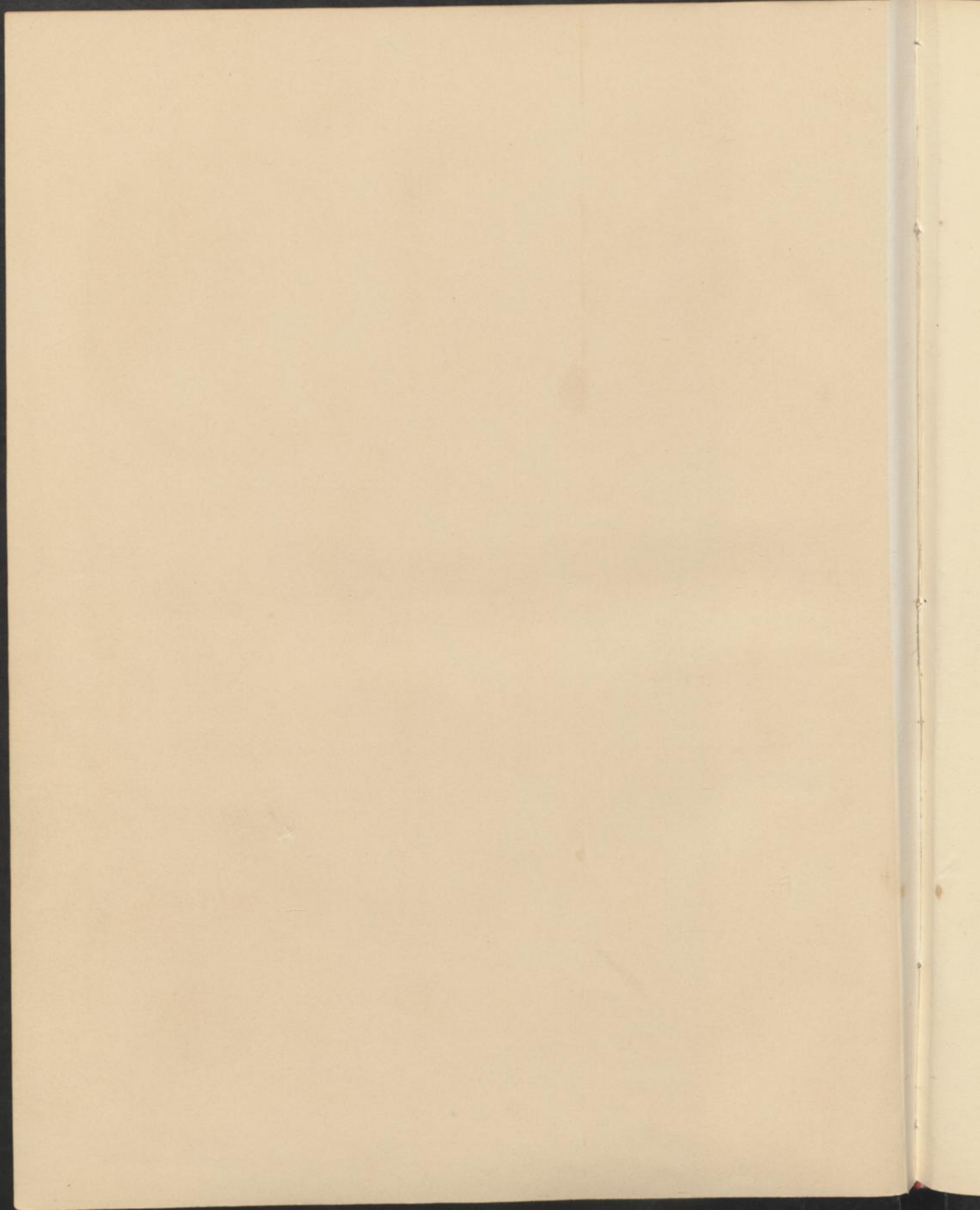
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1/2 Nat. Size



1/2 Nat. Size



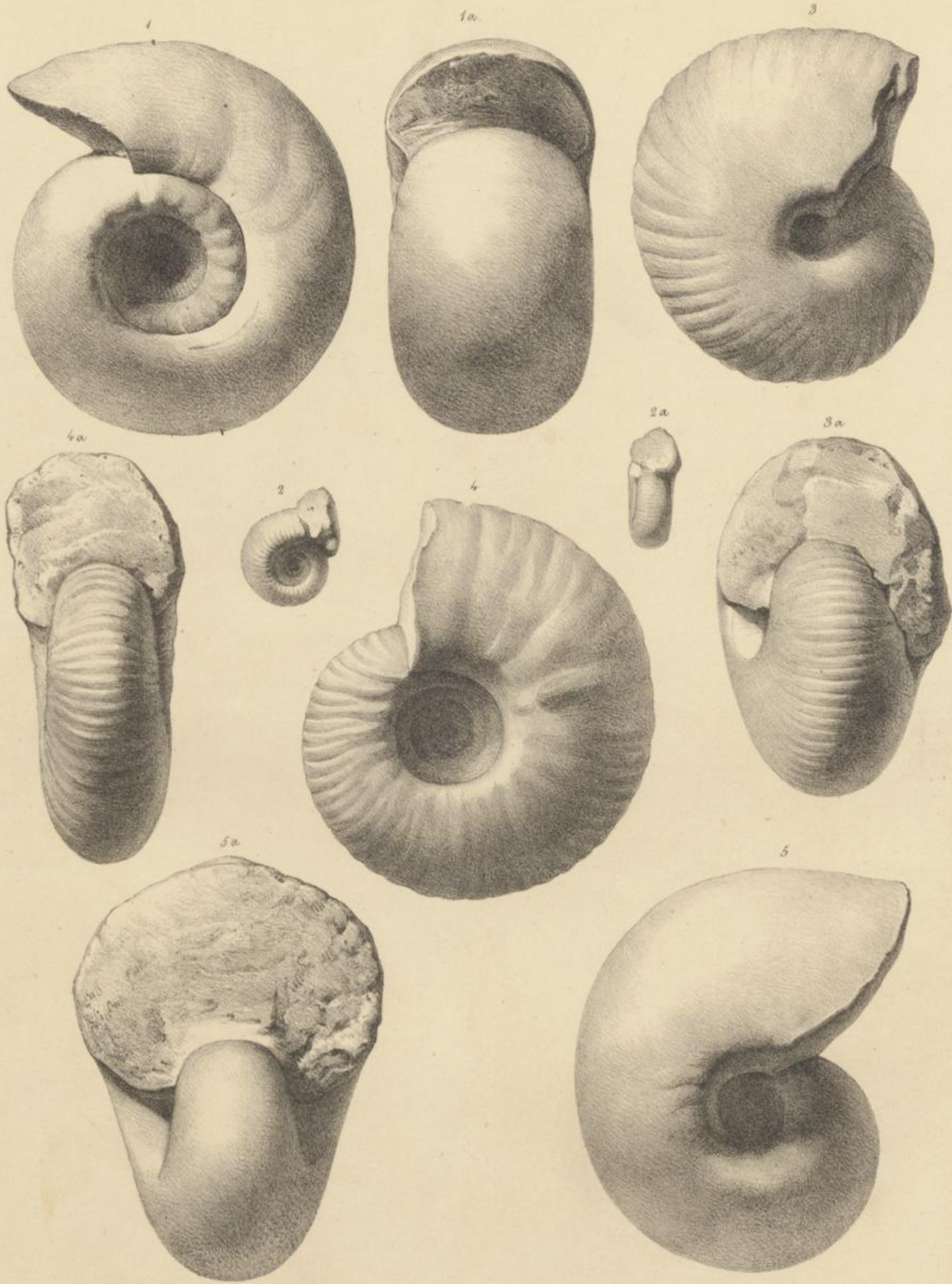
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PLATE II

1. <i>Amphispiza bilineata</i> (Aud.)	—	—	—
2. <i>Amphispiza bilineata</i> (Aud.)	—	—	—
3. <i>Amphispiza bilineata</i> (Aud.)	—	—	—
4. <i>Amphispiza bilineata</i> (Aud.)	—	—	—
5. <i>Amphispiza bilineata</i> (Aud.)	—	—	—
6. <i>Amphispiza bilineata</i> (Aud.)	—	—	—
7. <i>Amphispiza bilineata</i> (Aud.)	—	—	—
8. <i>Amphispiza bilineata</i> (Aud.)	—	—	—

PLATE II.

- Fig. *Coeloc.* *Morr. a. Lye. Great Ool. Winchesterhampton*
1. Ammonites subcontractus, p. 11, side view. → *Bath.*
 - 1a. — — front view.
 - 2, 2a. — — young of.
 3. Ammonites macrocephalus, var., p. 12, side view. †
 - 3a. — — front view.
 4. Ammonites arbustigerus, p. 12, side view. → *Bath.*
 - 4a. — — front view.
 5. Nautilus dispansus, p. 9, side view.
 - 5a. — — front view.



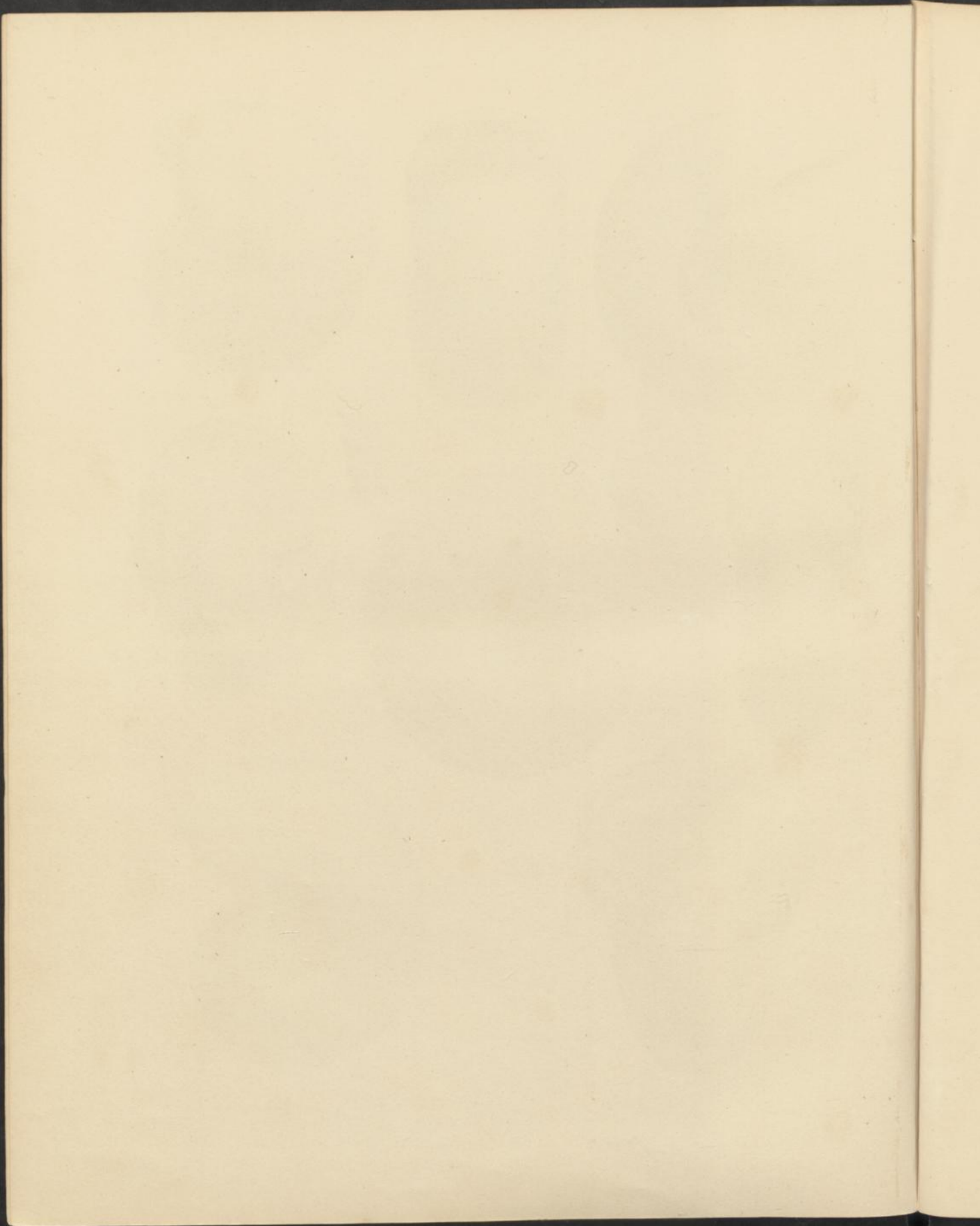
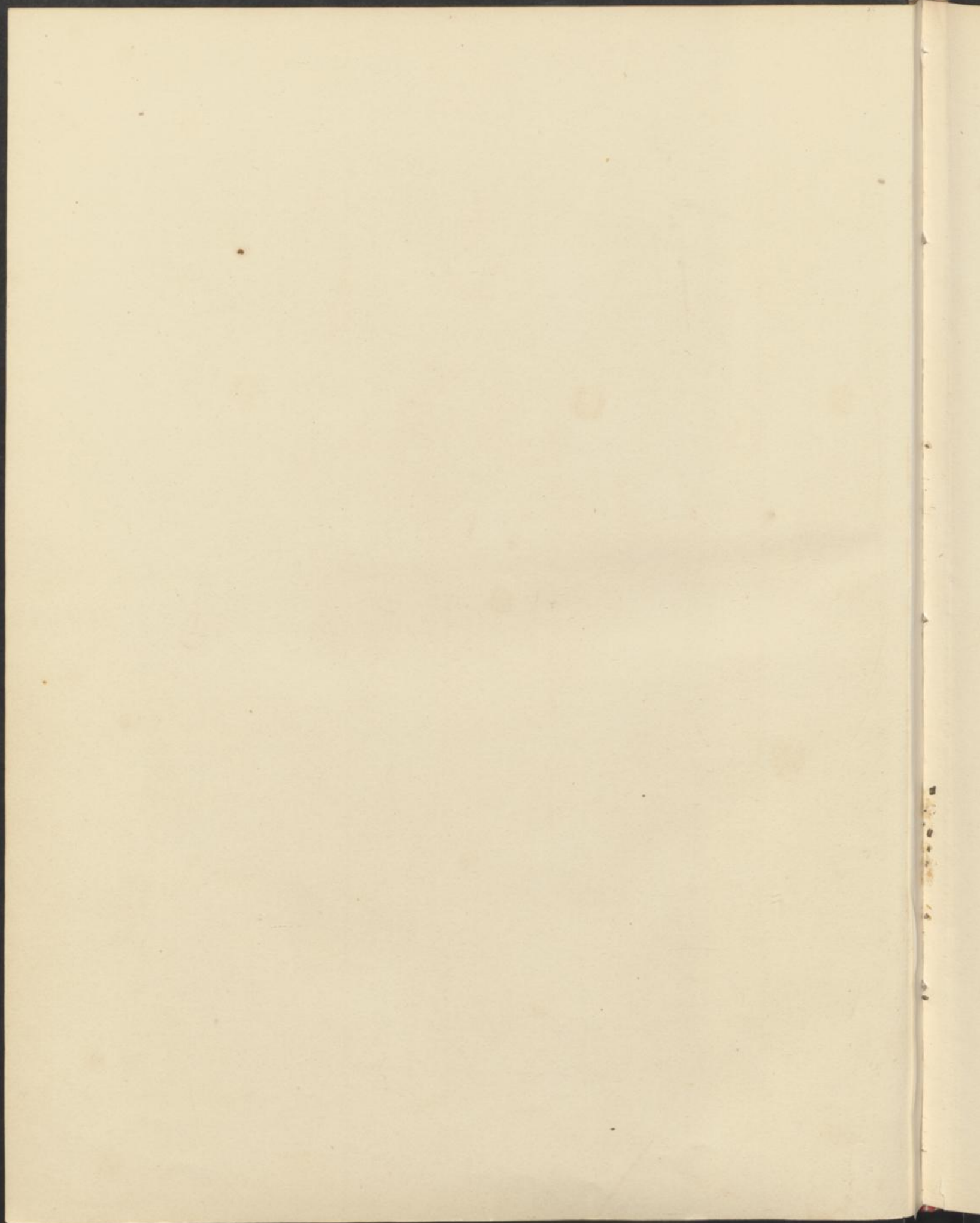


PLATE III.

- Fig.
- 1, 1*a*, *c*. *Alaria armata*, *p.* 16, back view.
 1*b*. — — front view; *d*, portion magnified.
2. *Alaria hamus*, *p.* 16.
 2*a*. — — portion magnified.
 2*b*. — — front view.
- 3, 3*a*. *Alaria lævigata*, *p.* 17.
- 4, 4*b*. *Alaria hamulus*, *p.* 17, back view.
 4*a*. — — specimen magnified.
5. *Alaria Phillipsii*, *p.* 18; and *p.* 111, Plate XV, figs. 15, 15*a*.
 5*a*. — — portion magnified.
6. *Alaria pagoda*, *p.* 18; and Plate XIII, figs. 4, 4*a*.
- 7, 7*a*. *Alaria atractoides*, *p.* 19.
8. *Alaria hexagona*, *p.* 19.
9. *Alaria paradoxa*, *p.* 20, front view; and Plate XIII, fig. 3.
 9*a*. — — var. *a*, back view.
10. — — back view.
- 11, 11*b*. *Alaria trifida*, *p.* 21, front view.
 11*a*. — — back view.
 11*c*. — — portion magnified.
- 12*a*. *Alaria parvula*, *p.* 22.
 12*b*. — — magnified.
- 13, 13*a*. *Alaria cirrus*, *p.* 22.
14. *Pteroceras ignobilis*, *p.* 14.
15. — *Bentleyi*, *p.* 15, front view.
 15. — — back view.
 16. — — var. of, back view.





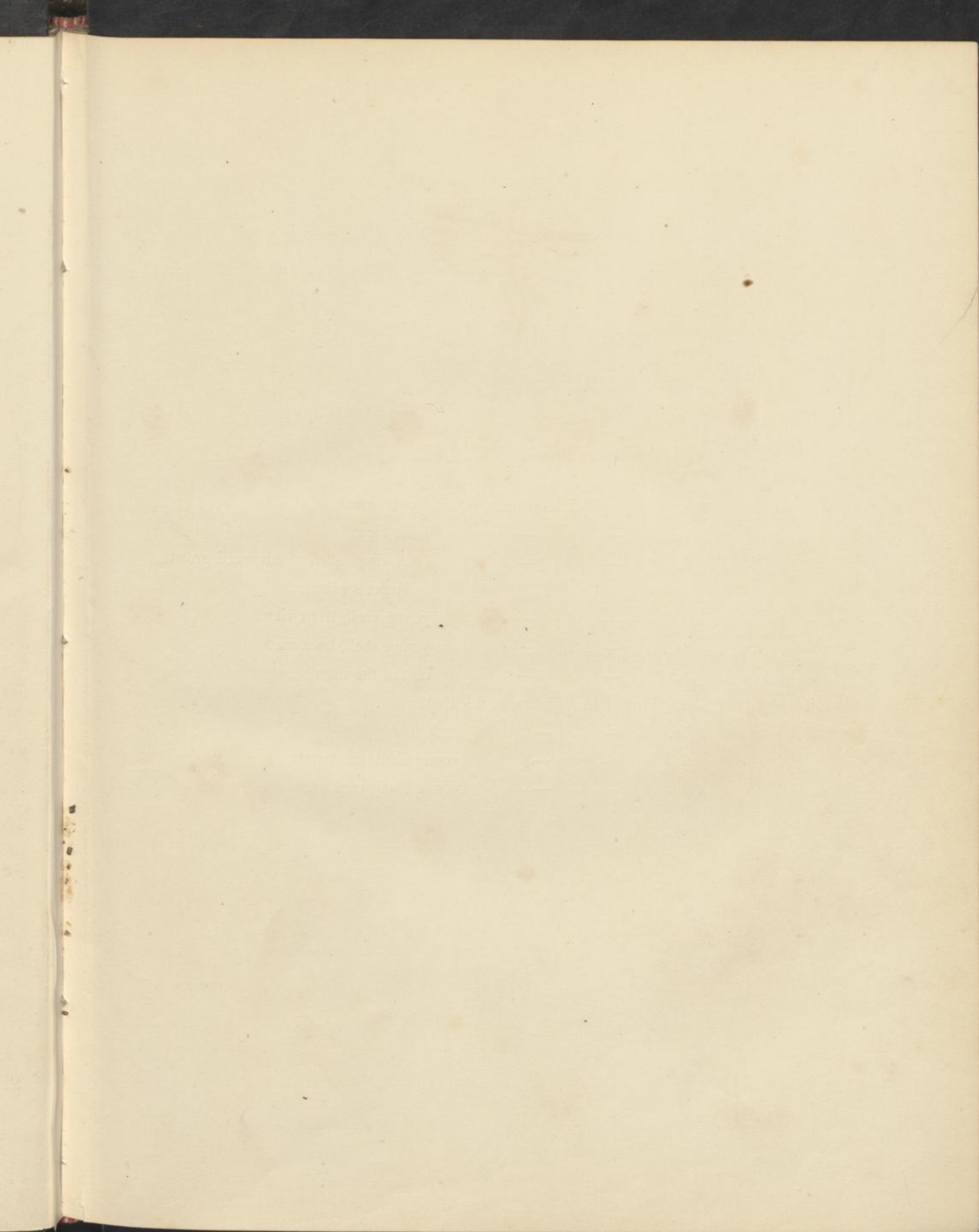
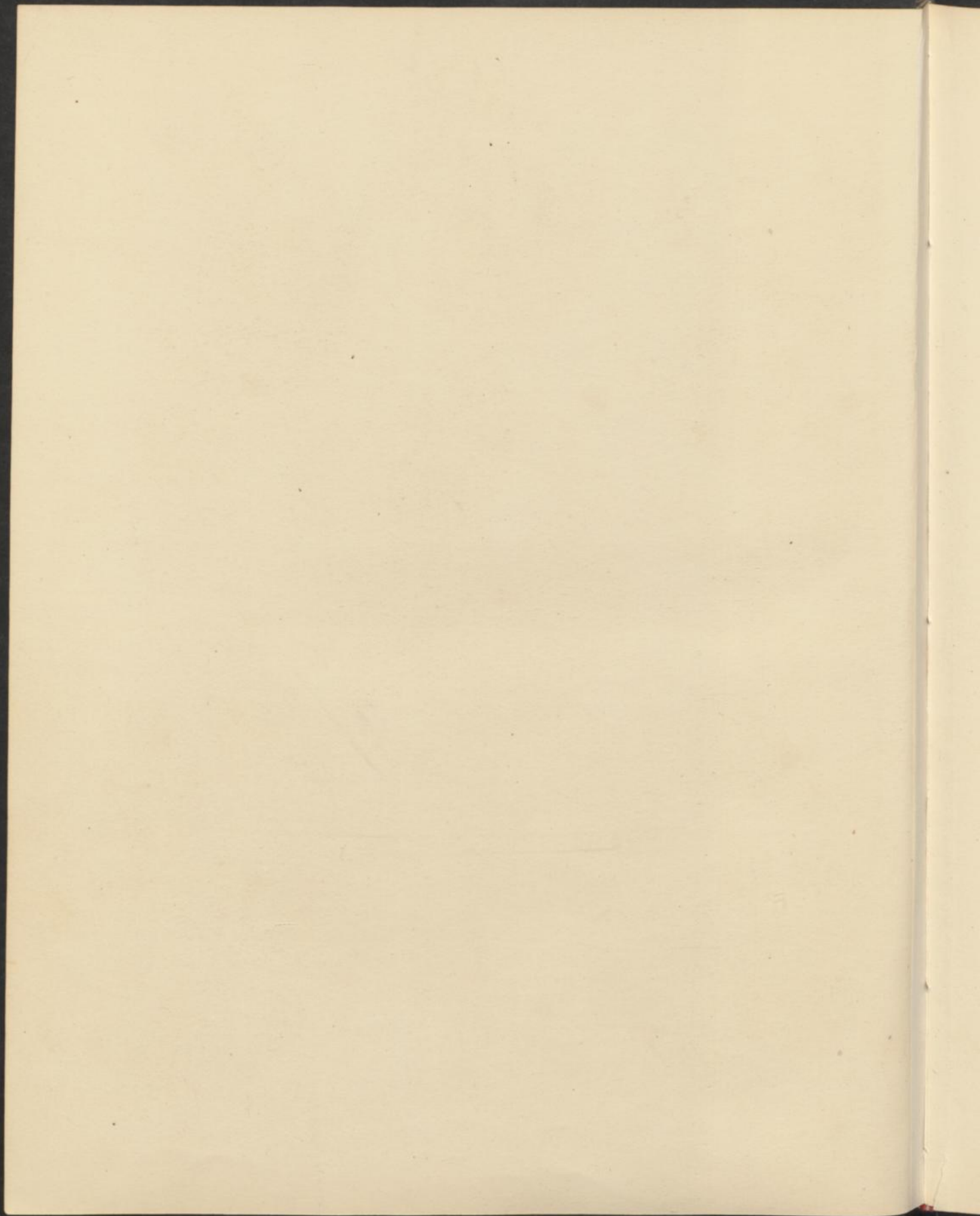


PLATE IV.

Fig.

- | | | | |
|-----|---|---|--|
| 1. | | | Purpuroidea Moreausia, <i>p.</i> 27, front view. |
| 1a. | — | — | back view. |
| 2. | — | — | back view, shell of advanced growth,
larger specimen. |
| 3. | — | — | young shell, front view. |
| 3a. | — | — | young shell, back view. |
| 4. | — | — | cast of the interior. |
| 5. | | | Purpuroidea glabra, <i>p.</i> 28, front view. |
| 5a. | — | — | back view. |
| 6. | — | — | young shell, front view. |
| 6a. | — | — | young shell, back view. |





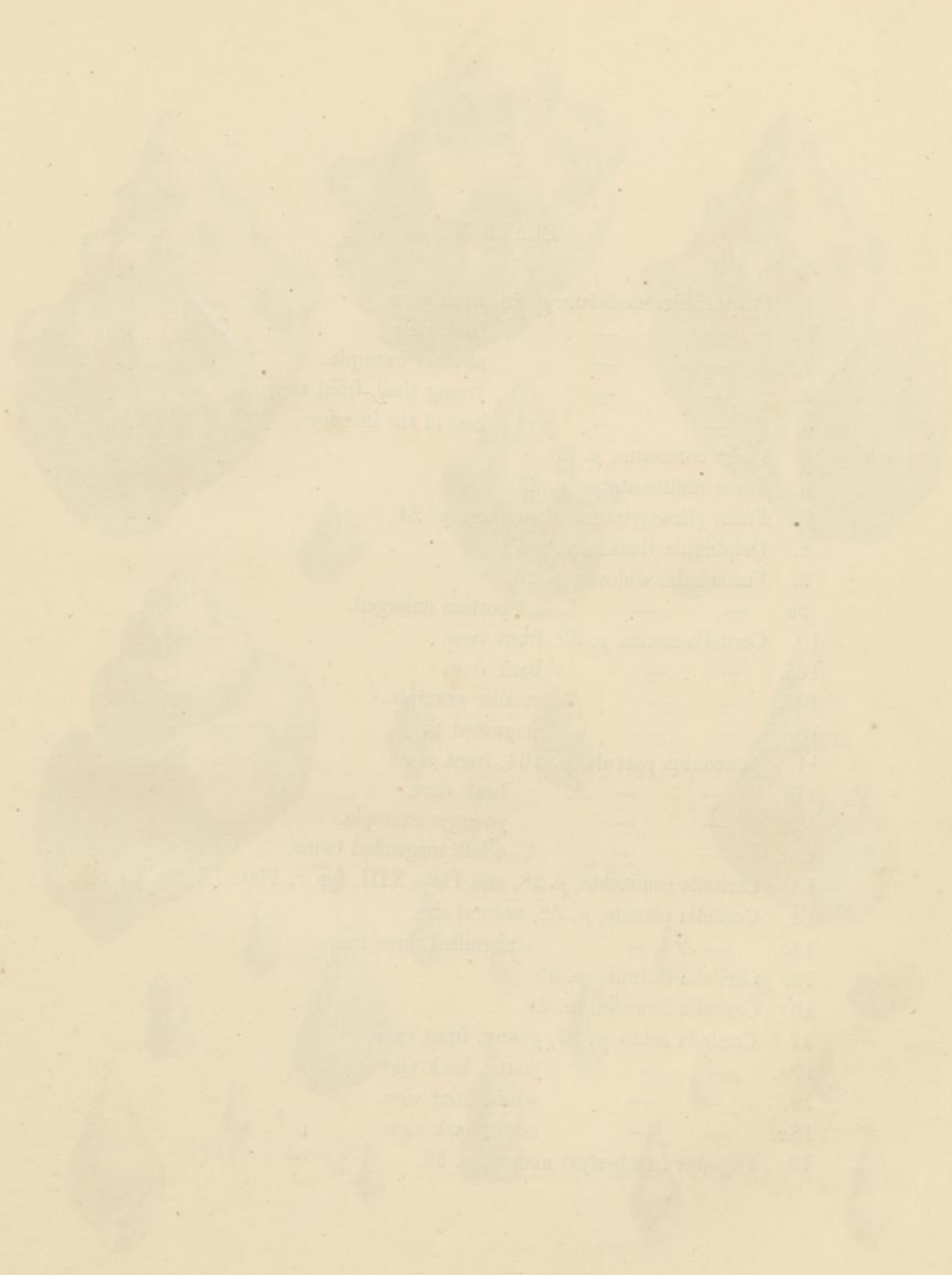
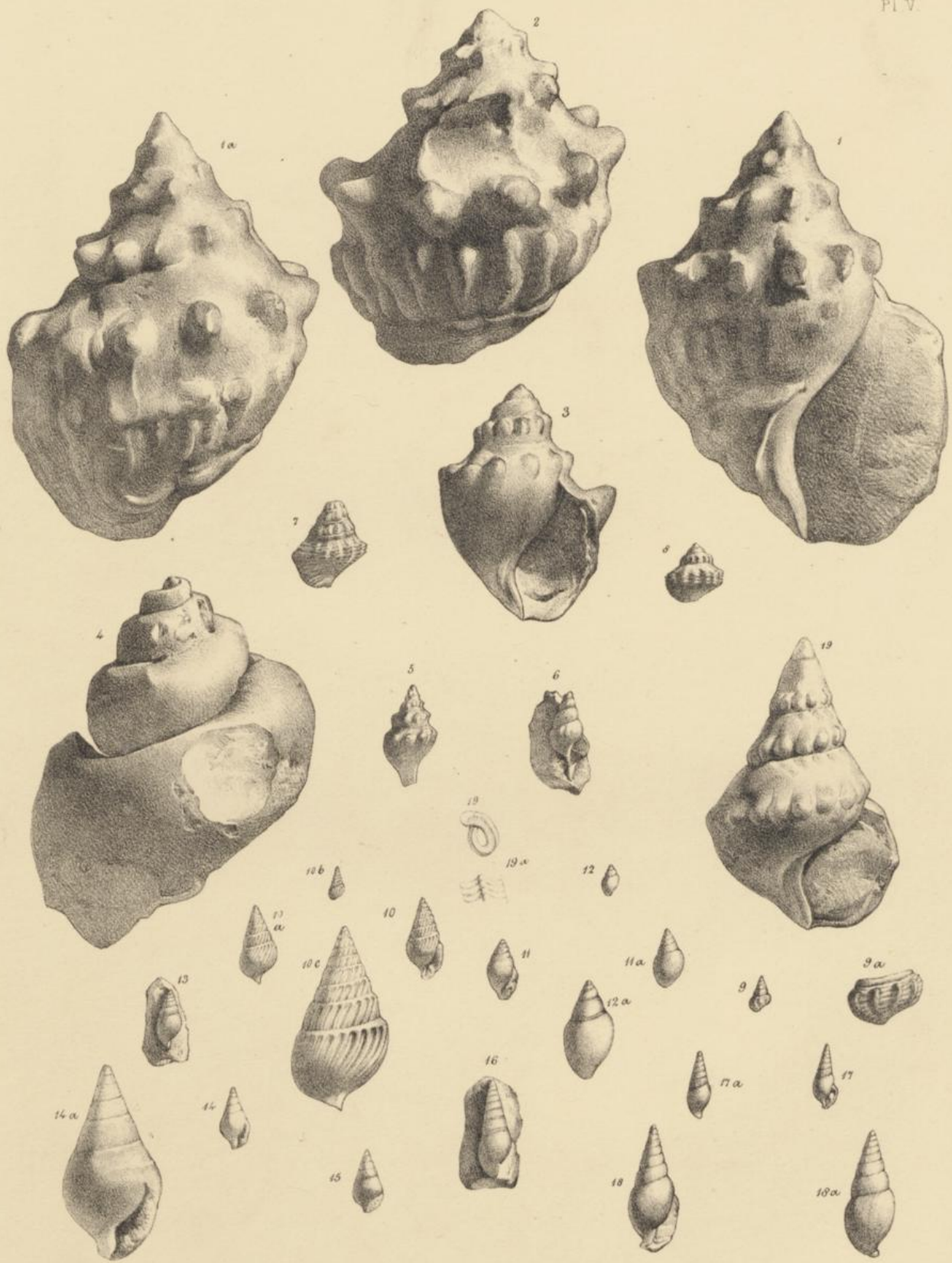


PLATE V.

Fig.

1. *Purpuroidea nodulata*, *p.* 28, front view.
- 1*a.* — — back view.
2. — — another example.
3. — — young shell, front view.
4. — — cast of the interior.
5. *Fusus coronatus*, *p.* 23.
6. *Fusus multicostatus*, *p.* 23.
7. *Fusus* (*Brachytrema*) *Buvignieri*, *p.* 24.
8. *Delphinula Buckmani*, *p.* 71.
9. *Fusus subnodulosus*, *p.* 23.
- 9*a.* — — portion enlarged.
10. *Ceritella conica*, *p.* 39, front view.
- 10*a.* — — back view.
- 10*b.* — — smaller example.
- 10*c.* — — magnified twice.
11. *Actæonina parvula*, *p.* 104, front view.
- 11*a.* — — back view.
12. — — younger example.
- 12*a.* — — adult, magnified twice.
13. *Ceritella unilineata*, *p.* 38, and Plate XIII, fig. 8, Plate IX, fig. 15, *var.*
14. *Ceritella planata*, *p.* 38, natural size.
- 14*a.* — — magnified three times.
15. *Ceritella mitralis*, *p.* 39.
16. *Ceritella Sowerbii*, *p.* 38.
17. *Ceritella acuta*, *p.* 37, young, front view.
- 17*a.* — — young, back view.
18. — — adult, front view.
- 18*a.* — — adult, back view.
19. *Pagodus* (*Amberlya*) *nodosa*, *p.* 55. *Cyprus, 1850.*



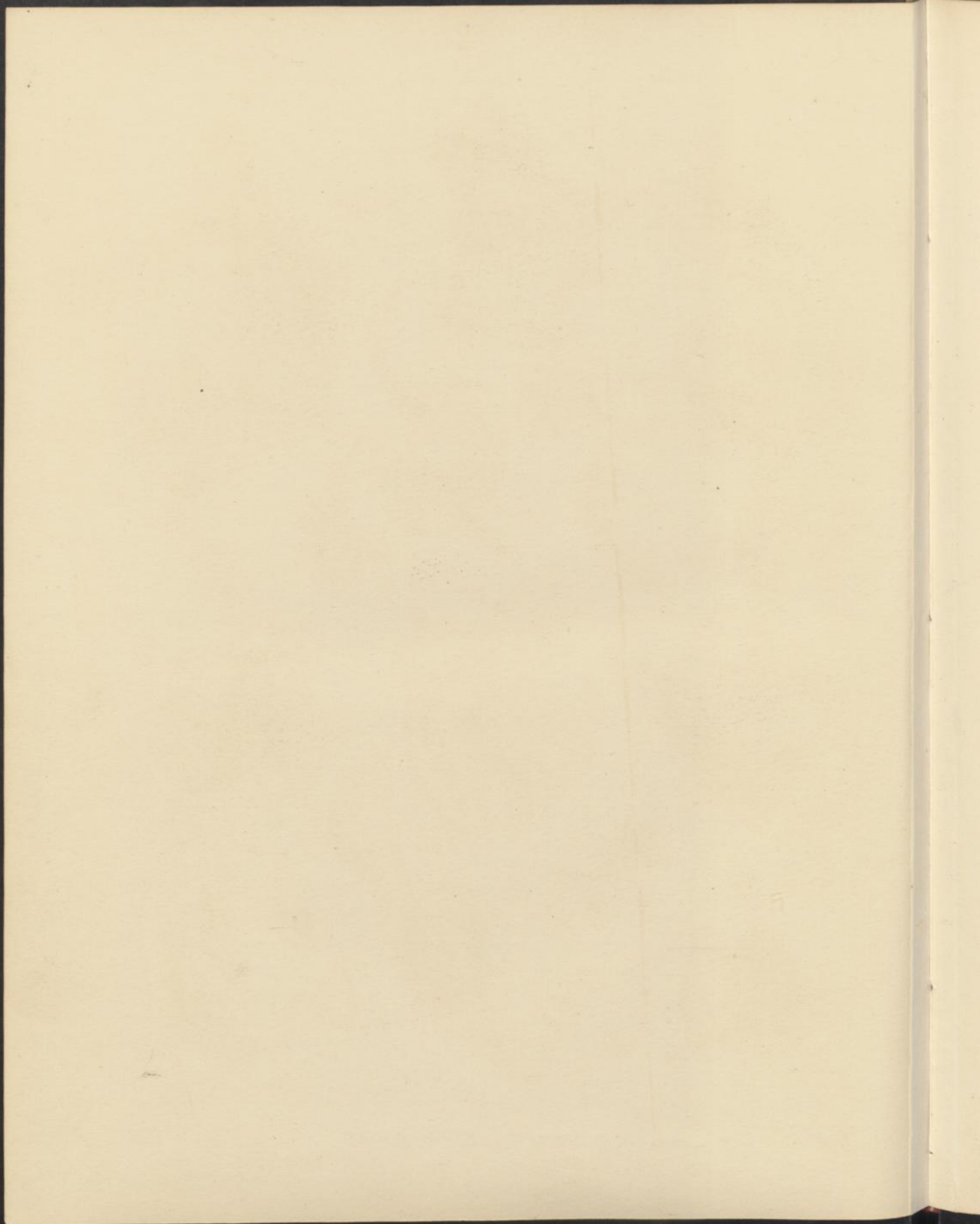


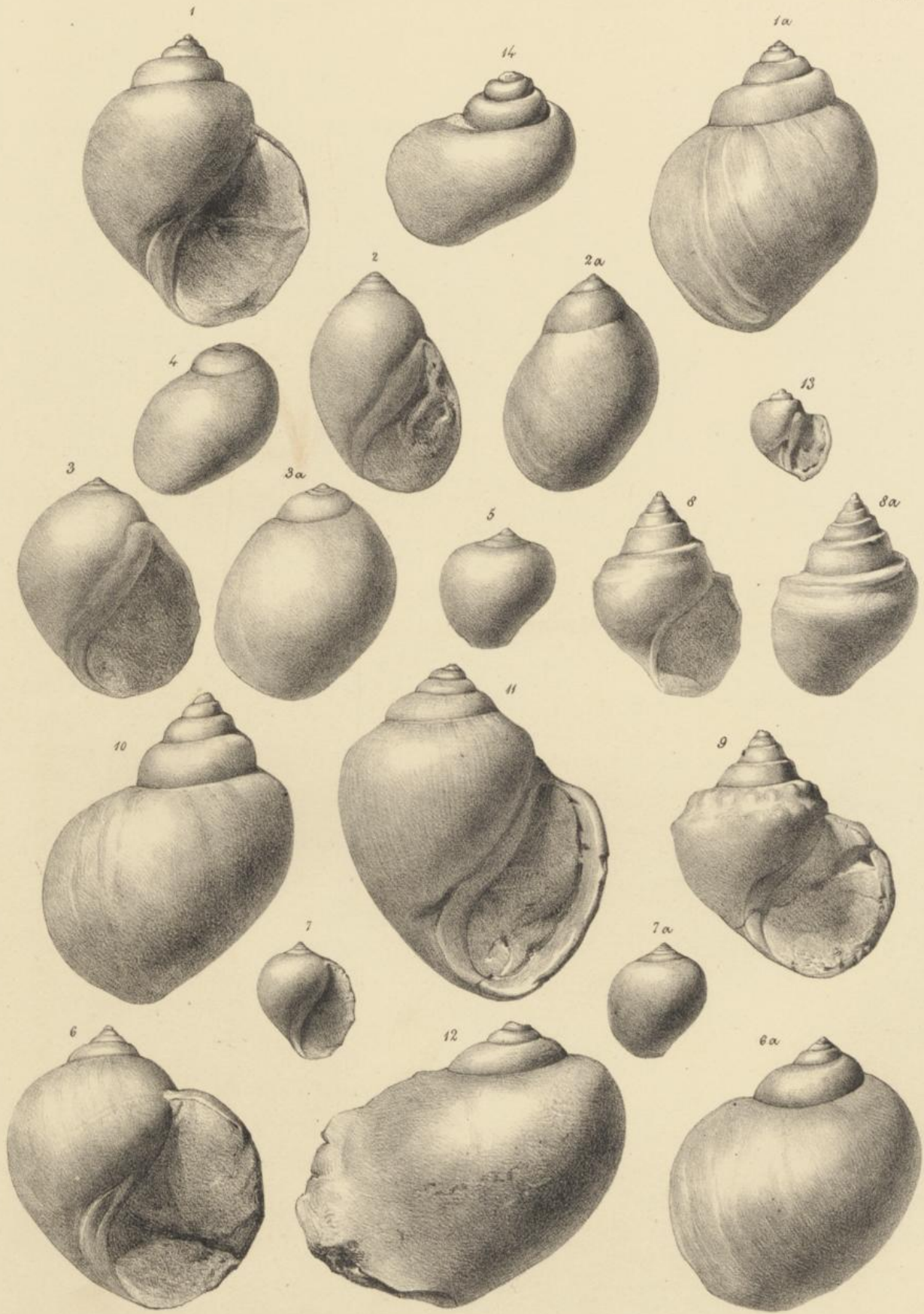
PLATE VI

1	View of the interior of the temple, showing the columns and the archway.
2	View of the exterior of the temple, showing the facade and the entrance.
3	View of the interior of the temple, showing the columns and the archway.
4	View of the exterior of the temple, showing the facade and the entrance.
5	View of the interior of the temple, showing the columns and the archway.
6	View of the exterior of the temple, showing the facade and the entrance.
7	View of the interior of the temple, showing the columns and the archway.
8	View of the exterior of the temple, showing the facade and the entrance.
9	View of the interior of the temple, showing the columns and the archway.
10	View of the exterior of the temple, showing the facade and the entrance.
11	View of the interior of the temple, showing the columns and the archway.
12	View of the exterior of the temple, showing the facade and the entrance.
13	View of the interior of the temple, showing the columns and the archway.
14	View of the exterior of the temple, showing the facade and the entrance.

PLATE VI.

Fig.

1. *Natica intermedia*, *p.* 41, front view.
- 1*a.* — — — back view.
2. *Natica Michelini*, *p.* 44, front view, elongated variety.
- 2*a.* — — — back view, elongated variety.
3. — — — another example, front view.
- 3*a.* — — — another example, back view.
4. *Natica neritoidea*, *p.* 43.
5. — *ambigua*, *p.* 44.
6. — *Verneuili*, *p.* 44, front view.
- 6*a.* — — — back view.
7. — — — young shell, front view.
- 7*a.* — — — young shell, back view.
8. *Natica (Euspira) pyramidata*, *p.* 46, front view.
- 8*a.* — — — back view.
9. *Natica (Euspira) coronata*, *p.* 46.
10. — *formosa*, *p.* 42.
11. — *Tancredi*, *p.* 42.
12. — *grandis*, *p.* 41.
13. *Natica (Euspira) subcanaliculata*, *p.* 47.
14. *Natica globosa*, *p.* 43.



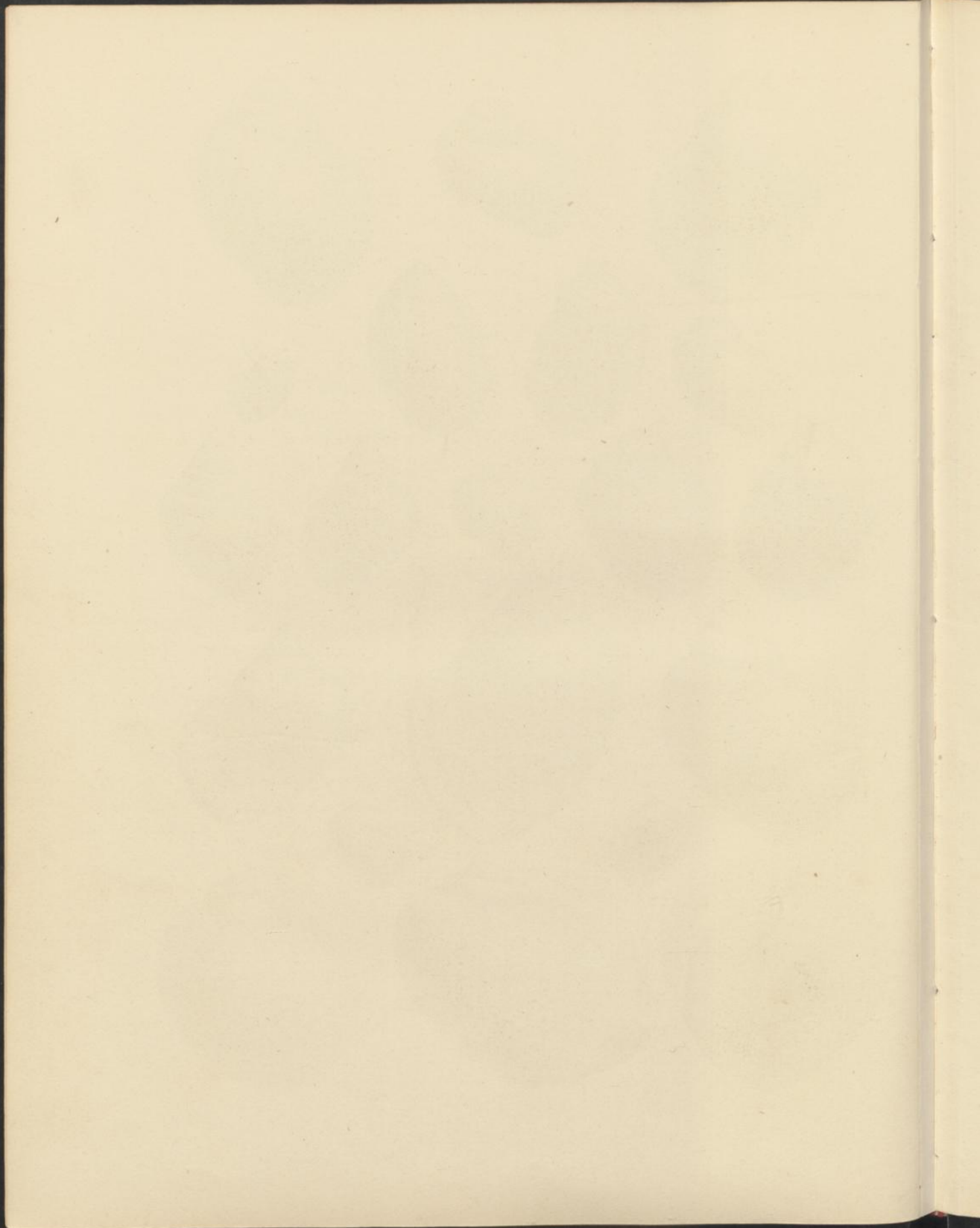


PLATE VII

100	Section of the surface of the shell
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PLATE VII.

- Fig.
1. Chemnitzia Hamptonensis, *p.* 50.
 - 1a. — — magnified.
 2. Cerithium limæforme, *p.* 30.
 3. — sexcostatum, *p.* 30.
 - 3a. — — magnified.
 4. Chemnitzia Leckenbyi, *p.* 50, magnified.
 5. — Wetherellii, *p.* 50.
 - 5a. — — magnified.
 6. Nerinaea Eudesii, *p.* 33.
 - 6a. — — magnified.
 7. Nerinaea Voltzii, *p.* 32, young.
 - 7a. — — section magnified.
 8. Nerinaea Dufrenoyi, *p.* 34.
 - 8a. — — magnified.
 - 8b. — — section magnified.
 - 8c, 8e. — — *p.* 34, another variety.
 - 8d. — — portion magnified.
 9. Nerinaea Stricklandi, *p.* 35
 - 9a. — — portion magnified.
 - 10, 10c. Nerinaea punctata, *p.* 35.
 - 10a. — — portion of external surface magnified.
 - 10b. — — section magnified.
 11. Nerinaea Voltzii, *p.* 32.
 - 11a. — — section.
 12. Nerinaea funiculis, *p.* 36.
 - 12a. — — portion of the surface magnified.
 - 12b. — — section magnified.
 13. Chemnitzia Lonsdalei, *p.* 49, the young shell.
 - 13a. — — the adult shell.
 14. Cerithium Roissii, *p.* 32.
 - 14a. — — section of the shell.
 15. Chemnitzia simplex, *p.* 49, reduced one half.



1/2 Nat. Size

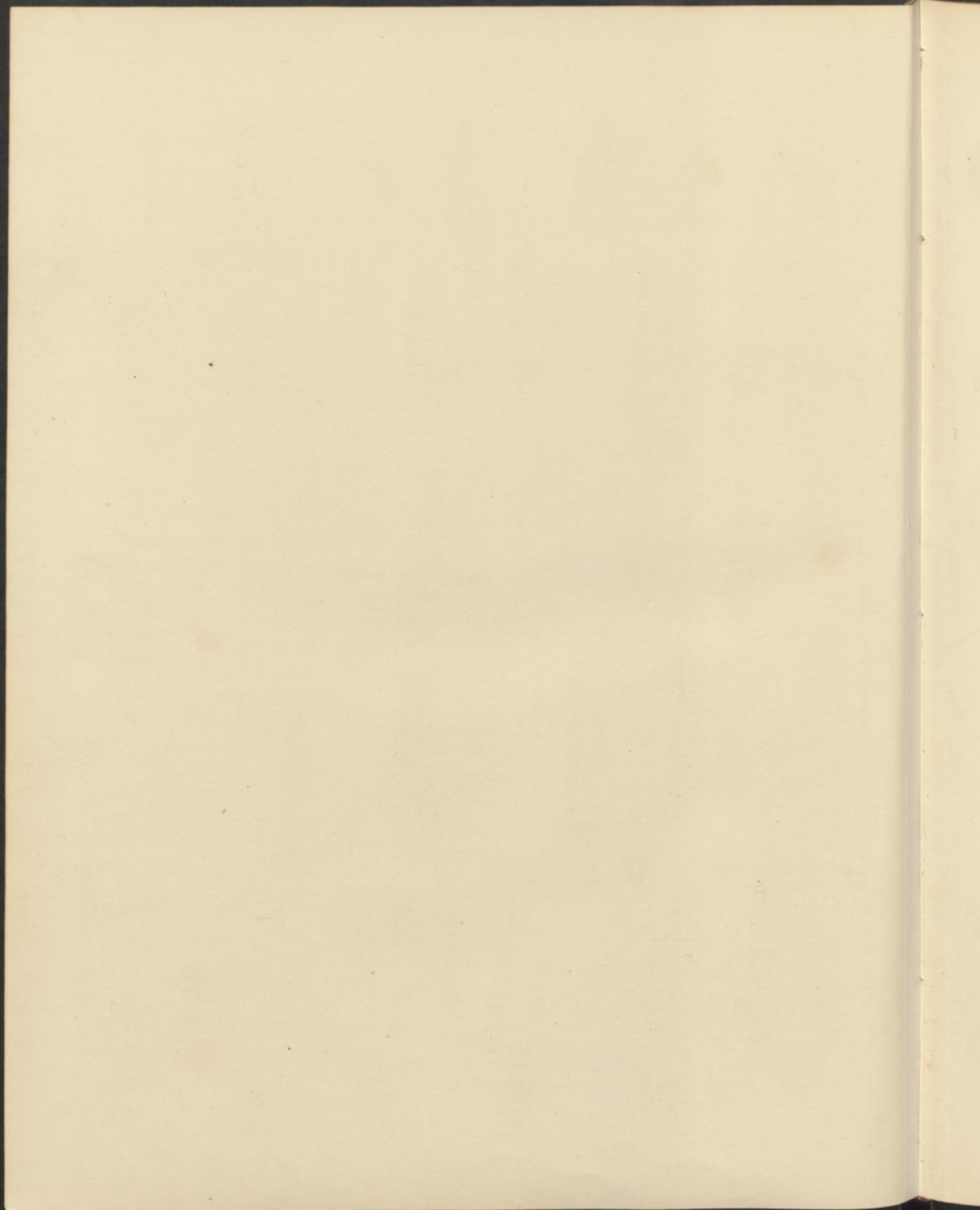


PLATE VIII.

Fig.	
1, 1a.	<i>Rimula clathrata</i> , p. 86.
1b, 1c.	— — magnified.
2, 2a.	<i>Rimula tricarinata</i> , p. 86.
2b, 2c.	— — magnified.
3, 3a.	<i>Rimula Blotii</i> , p. 87.
3b, 3c.	— — magnified.
4, 4a, 4b.	<i>Emarginula scalaris</i> , p. 88.
4c.	— — under surface magnified.
5, 5a.	<i>Fissurella acuta</i> , p. 85.
5b, 5c.	— — specimen magnified.
6, 6a.	<i>Nerita costulata</i> , p. 57.
6b, c.	— — specimen magnified.
7, 7a.	<i>Chemnitzia variabilis</i> , p. 51.
7b.	— — magnified.
8, 8a.	<i>Bulla undulata</i> , p. 96.
9, 9b.	<i>Cylindrites acutus</i> , p. 98.
9a.	— — magnified.
10.	<i>Cylindrites cuspidatus</i> , p. 98.
10a.	— — magnified.
11, 11a.	<i>Cylindrites angulatus</i> , p. 99.
11b.	— — magnified.
12, 12a.	<i>Cylindrites altus</i> , p. 99.
12b.	— — magnified.
12*.	<i>Actæonina</i> ?
13, 13a.	<i>Cylindrites brevis</i> , p. 101.
13b.	— — magnified.
14.	<i>Actæonina olivæformis</i> , p. 103.
15.	<i>Actæonina bulimoides</i> , p. 104.
16, 16a, 16b.	<i>Bulla loliolum</i> , p. 96.
17, 17a.	<i>Cylindrites excavatus</i> , p. 100.
17b.	— — magnified section.
18, 18b.	<i>Cylindrites bullatus</i> , p. 102.
18a, 18c.	— — magnified.
19, 19a.	<i>Cylindrites cylindricus</i> , p. 100.
19b, c.	— — view of apex, and section of the same.
20, 20b, 20c, 21.	<i>Cylindrites pyriformis</i> , p. 102.
20a.	— — magnified.
22, 22b.	<i>Cylindrites Thorenti</i> , p. 101.
22a, 22c.	— — magnified.



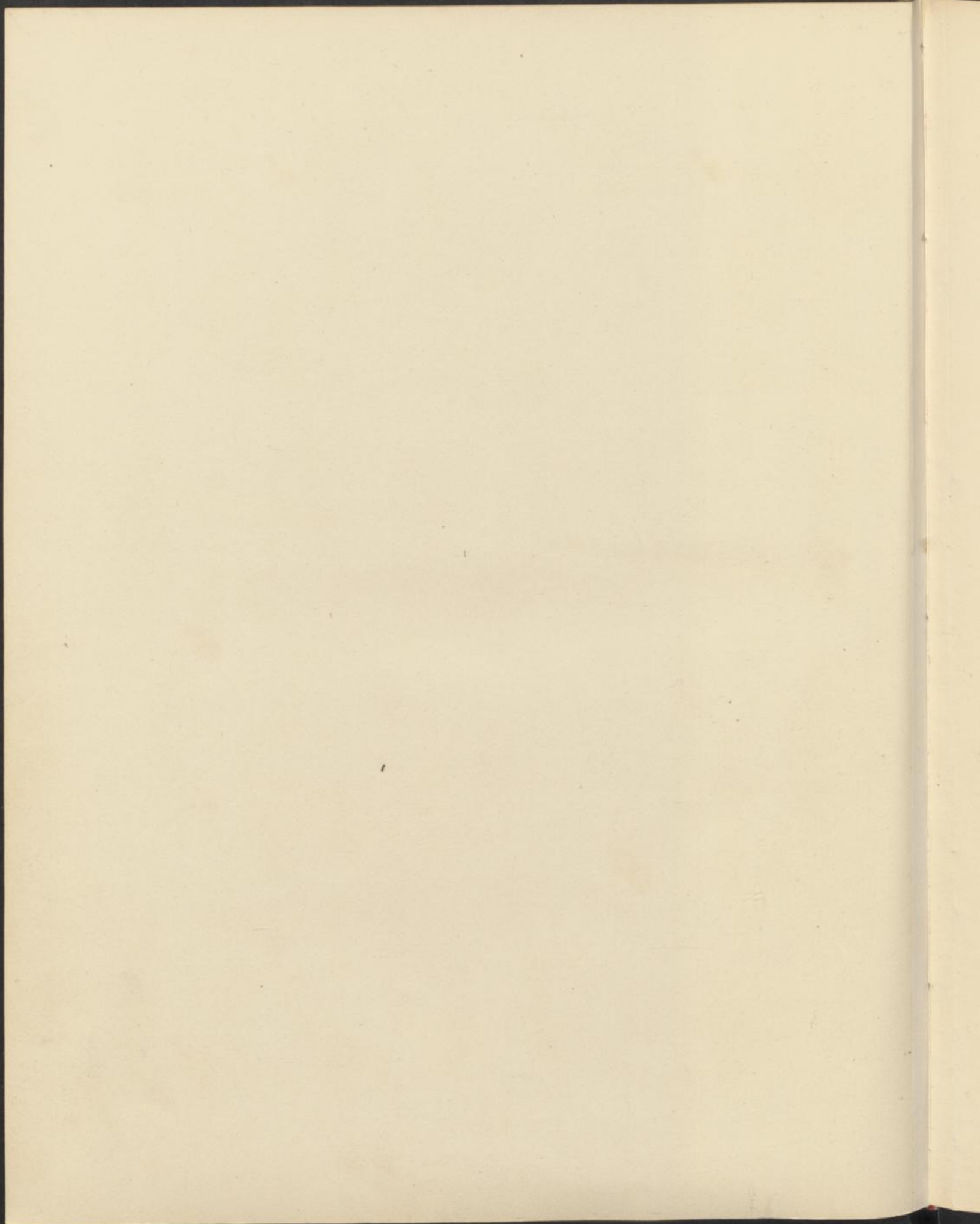


PLATE IX

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PLATE IX.

- Fig.
1. *Eulima pygmæa*, p. 48.
 2. *Phasianella acutiuscula*, p. 75, and Plate XI, fig. 28.
 - 3, 4. *Eulima vagans*, p. 48.
 5. *Chemnitzia phasianoides*, p. 51.
 6. *Eulima subglobosa*, p. 49.
 7. *Ceritella rissoides*, p. 40.
 8. *Cerithium quadricinctum*, p. 29.
 9. *Rissoina acuta*, p. 53, and Plate XIII, fig. 9.
 10. *Rissoina duplicata*, p. 52.
 - 12, 12a. *Rissoina cancellata*, p. 53.
 13. *Rissoina tricarinata*, p. 53.
 14. *Ceritella longiscata*, p. 40.
 15. *Ceritella unilineata*, ? from Ancliff, p. 38.
 16. *Rissoina*? *lævis*, p. 54.
 17. *Ceritella gibbosa*, p. 37.
 18. *Cerithium strangulatum*, p. 31.
 - 18a. — — — showing the contracted aperture.
 19. *Rissoina obliquata*, p. 52.
 20. *Cerithium Tennanti*, p. 32.
 21. *Eulima communis*, p. 48, front view.
 - 21a. — — — back view.
 22. *Cerithium pentagonum*, p. 30.
 23. *Solarium varicosum*, p. 69.
 - 23a. — — — view of the base.
 - 23b. — — — surface magnified.
 - 24, 24a, b. *Solarium polygonium*, p. 69.
 - 25, 25a, b. *Solarium disculum*, p. 70.
 26. *Delphinula coronata*, p. 70.
 27. *Turbo elaboratus*, p. 64.
 28. *Turbo Sharpei*, p. 65,
 - 28a. — — — surface magnified.
 29. *Turbo pygmæa*, p. 65.
 - 29a. — — — magnified view.
 - 30, 30a. *Turbo Hamptonensis*, p. 64.
 - 30b. — — — magnified view.
 31. *Delphinula alta*, p. 71.
 32. *Stomatia*? *Buvignieri*, p. 85.
 - 32a. — — — surface magnified.
 - 33, 33a. *Turbo capitaneus*, p. 65.
 34. *Trochus squamiger*, p. 62,* and Plate XIII, fig. 7.
 - 34a. — — — back view.
 35. *Fusus* (*Brachytrema*) *turbiniformis*, p. 25.
 - 35a. — — — front view.
 - 36, 36a. *Pileolus plicatus*, p. 60.
 - 36b. — — — view of the base and aperture magnified.
 - 36c. — — — side view magnified.
 - 37, 37a. *Pileolus lævis*, p. 60.
 - 37b. — — — view of the base and aperture magnified.

Astralicum

Australicum
Peritotoma

* Incorrectly printed as Plate X, figs. 2, 2a, b.



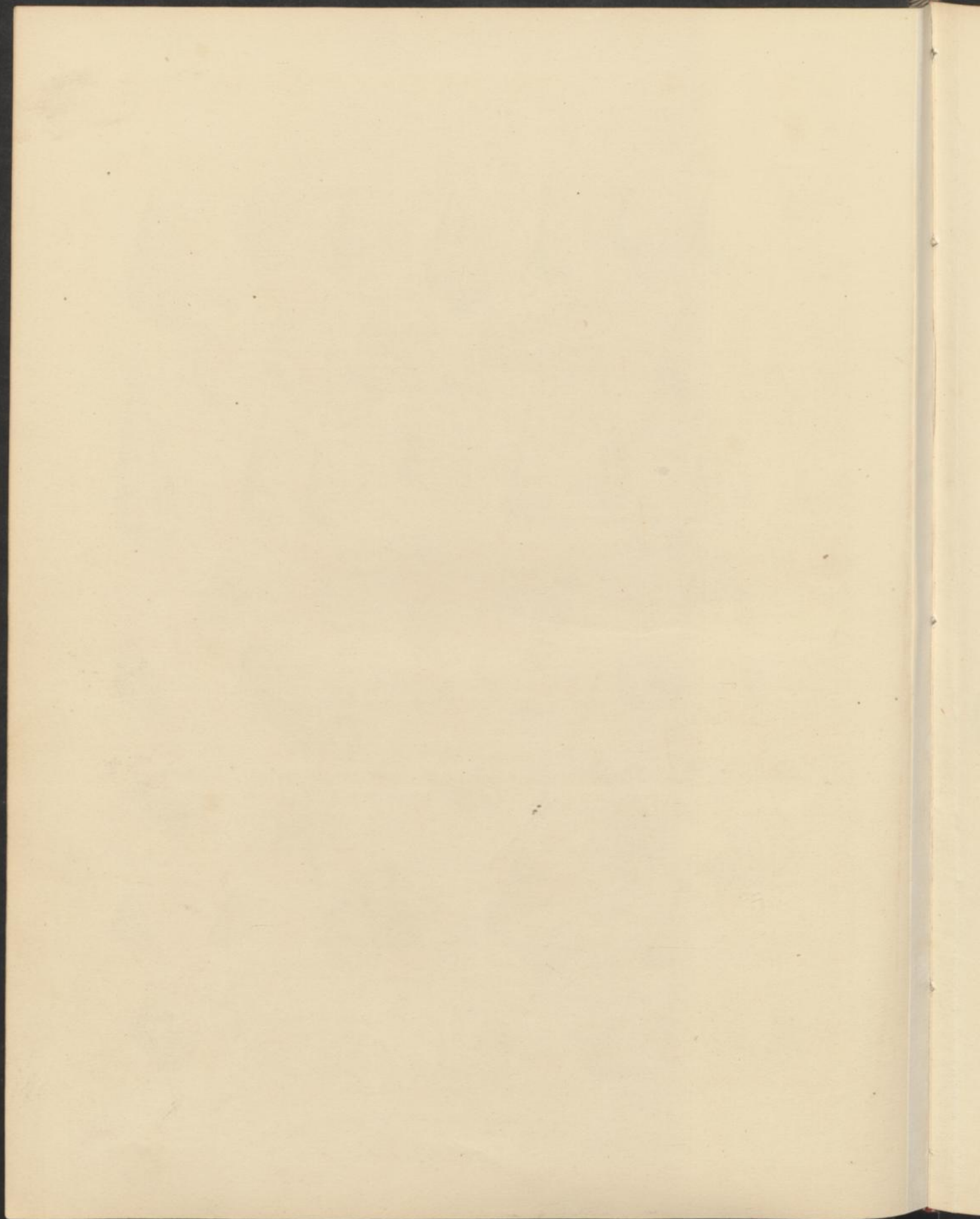


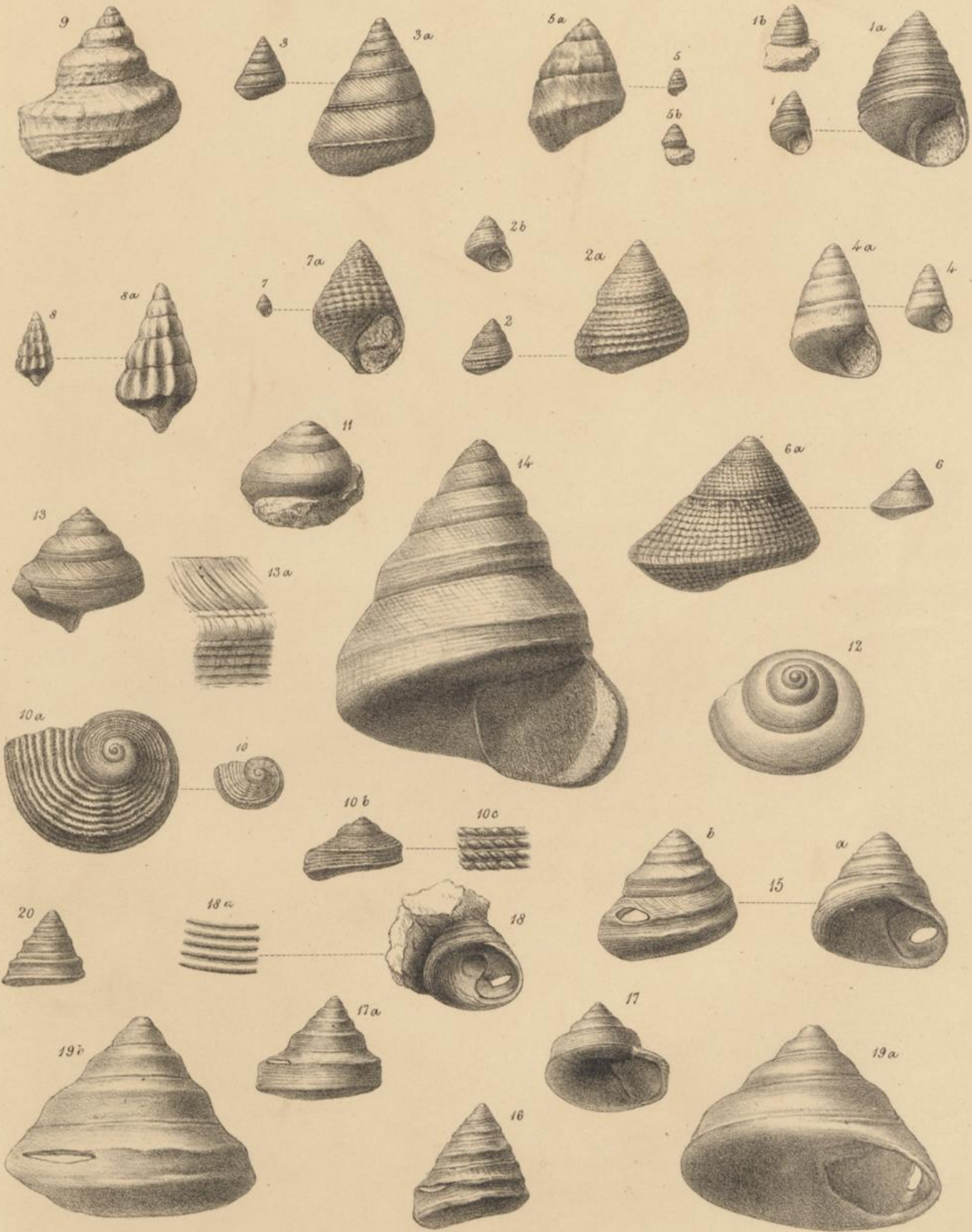
PLATE X

1	Trichostema ...	—	—
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15	Trichostema ...	—	—
16	Trichostema ...	—	—
17	Trichostema ...	—	—
18	Trichostema ...	—	—
19	Trichostema ...	—	—
20	Trichostema ...	—	—

PLATE X.

Fig.

1. *Trochus Bunburyi*, p. 63.
 - 1a. — — magnified three times.
 - 1b. — — back view.
2. *Trochus spiratus* ? var., p. 106, and Plate XIII, fig. 6.
 - 2a. — magnified.
 - 2b. — front view.
3. *Trochus Dunkeri*, p. 61.
 - 3a. — — magnified.
4. *Trochus Ibbetsoni*, p. 62.
 - 4a. — — magnified.
5. *Trochus pileolus*, p. 63.
 - 5a. — — magnified.
 - 5b. — — another example.
6. *Pleurotomaria clathrata*, p. 79. *contine spiris 9 orbibus, Gault. p. p. 537.*
 - 6a. — — magnified three times.
7. *Trochus anceus*, p. 63.
 - 7a. — — specimen magnified.
8. *Trochus plicatus*, p. 61.
 - 8a. — — magnified.
9. *Pleurotomaria pagodus*, p. 77. *prob. n. nov. 9 sp. 9' orb. Gault. p. p. 537*
10. *Trochotoma discoidea*, p. 84, upper surface. *Dit. Cosmanni Pelt. H. Conon (P. faulst.)*
 - 10a. — — magnified.
 - 10b. — — side view.
 - 10c. — — costæ magnified.
11. *Pleurotomaria obesa*, p. 79. *= Pl. Morrisii 9' orb. Gault. p. p. 538 (1855)*
12. *Pleurotomaria discoidea*, p. 78. *Mora-dya.*
13. *Pleurotomaria composita*, p. 80. *Mora-dya.*
 - 13a. — — portion magnified.
14. *Pleurotomaria scalaris*, p. 77. *= Pl. Lycetti 9' orb. (1855), Gault. p. p. 538*
15. *Trochotoma obtusa*, p. 83.
 - 15a. — — front.
 - 15b. — — back view.
16. *Trochotoma conuloides*, p. 82. *= Pl. Lycetti Hermité (1877)*
17. *Trochotoma tabulata*, p. 83.
 - 17a. — — front view.
- 18a. *Trochotoma obtusa*?, p. 83, base.
- 18b. — — surface magnified.
- 19a. *Trochotoma extensa*, p. 83.
- 19b. — — back view.
20. *Trochotoma acuminata*, p. 82. *Pl. Lycetti Hermité (1877)*



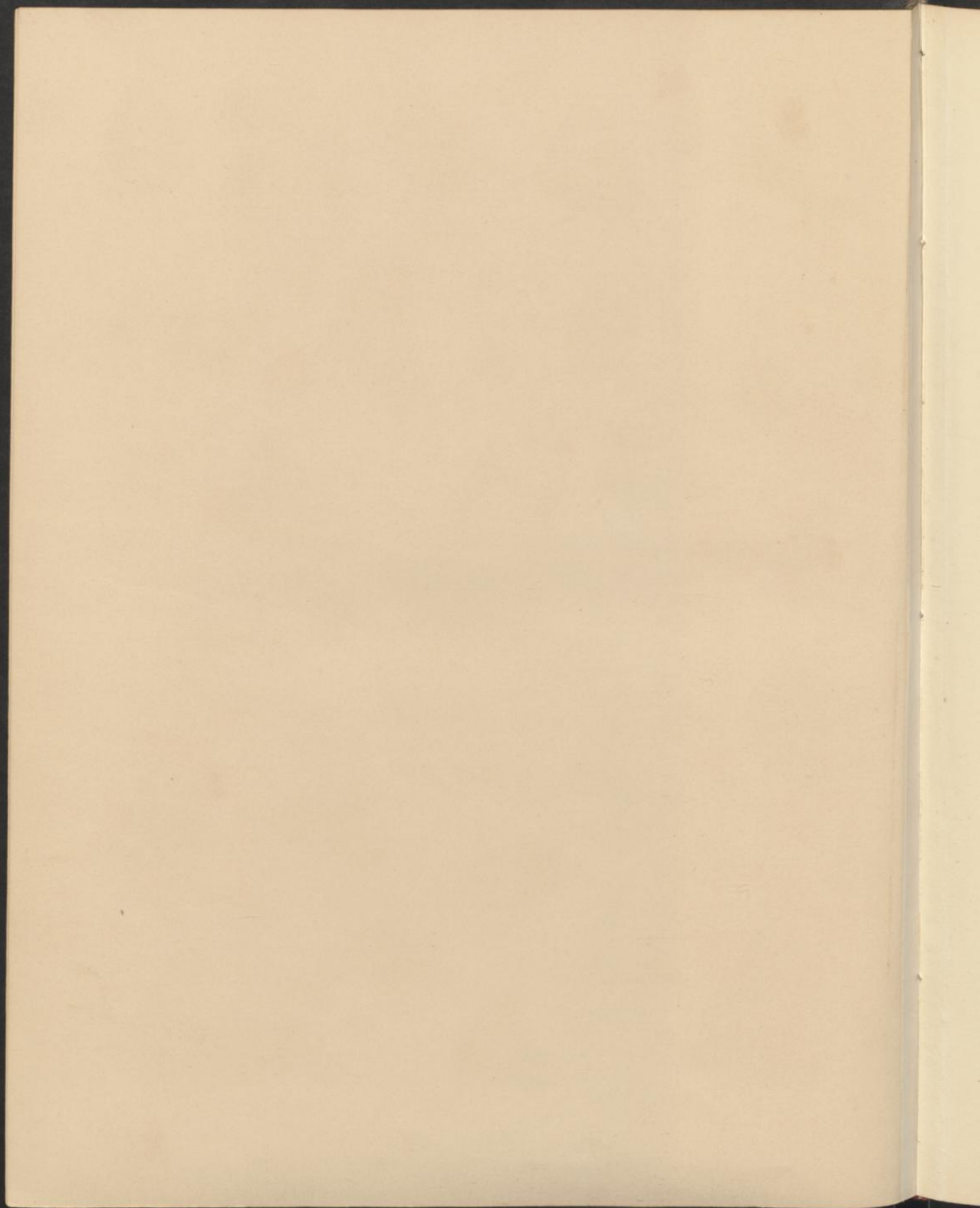


PLATE XI

1	Trilobites (Lophosiphon) p. 11
2	Trilobites (Lophosiphon) p. 11
3	Trilobites (Lophosiphon) p. 11
4	Trilobites (Lophosiphon) p. 11
5	Trilobites (Lophosiphon) p. 11
6	Trilobites (Lophosiphon) p. 11
7	Trilobites (Lophosiphon) p. 11
8	Trilobites (Lophosiphon) p. 11
9	Trilobites (Lophosiphon) p. 11
10	Trilobites (Lophosiphon) p. 11
11	Trilobites (Lophosiphon) p. 11
12	Trilobites (Lophosiphon) p. 11
13	Trilobites (Lophosiphon) p. 11
14	Trilobites (Lophosiphon) p. 11
15	Trilobites (Lophosiphon) p. 11
16	Trilobites (Lophosiphon) p. 11
17	Trilobites (Lophosiphon) p. 11
18	Trilobites (Lophosiphon) p. 11
19	Trilobites (Lophosiphon) p. 11
20	Trilobites (Lophosiphon) p. 11
21	Trilobites (Lophosiphon) p. 11
22	Trilobites (Lophosiphon) p. 11
23	Trilobites (Lophosiphon) p. 11
24	Trilobites (Lophosiphon) p. 11
25	Trilobites (Lophosiphon) p. 11
26	Trilobites (Lophosiphon) p. 11
27	Trilobites (Lophosiphon) p. 11
28	Trilobites (Lophosiphon) p. 11
29	Trilobites (Lophosiphon) p. 11
30	Trilobites (Lophosiphon) p. 11
31	Trilobites (Lophosiphon) p. 11
32	Trilobites (Lophosiphon) p. 11

PLATE XI.

- Fig.
1. *Trochus obsoletus*, p. 63.
 - 1a. — — magnified view.
 2. *Monodonta Labadyei*, p. 68.
 3. *Monodonta imbricata*, p. 67.
 - 3a. — — magnified view.
 4. *Monodonta Lyellii*, p. 67, front view.
 - 4a. — — back view.
 - 4b. — — the shell magnified.
 5. *Turbo Gomondei*, p. 66.
 - 6, 6a. *Monodonta formosa*, p. 68.
 - 6b. — — magnified view.
 - 7, 7a. *Delphinula (Crossostoma) discoideum*, p. 73.
 - 7b. — — magnified view.
 8. *Delphinula (Crossostoma) heliciforme*, p. 73.
 9. *Turbo obtusus*, var., p. 66.
 - 9a. — — magnified view.
 10. *Turbo obtusus*, p. 66.
 - 10a. — — magnified view.
 - 11, 11a. *Monodonta Labadyei*, p. 68.
 12. *Neritopsis sulcosa*, p. 59.
 13. *Neritopsis striata*, p. 59, front view.
 - 13a. — — back view.
 14. *Nerita hemisphaerica*, p. 58, front view.
 - 14a. — — back view.
 15. *Nerita cancellata*, p. 56, front view.
 - 15a. — — back view.
 - 15b. — — a portion of the surface magnified.
 - 16, 16a. *Nerita hemisphaerica*, p. 58, a smooth variety.
 - 17, 17a. *Nerita rugosa*, p. 56.
 - 18, 18a. *Nerita costulata*, p. 57.
 - 18b. — — a portion magnified.
 - 19, 19a. *Nerita minuta*, p. 58.
 - 20, 20a. *Neritopsis varicosa*, p. 106, and Plate XIII, fig. 5.
 21. *Delphinula (Crossostoma) Prattii*, p. 77.
 - 21a. — — an enlarged view.
 22. *Natica (Euspira) Sharpei*, p. 46.
 23. *Natica (Euspira) canaliculata*, p. 45.
 23. — — back view.
 24. *Natica Stricklandi*, p. 42.
 - 24a. — — back view.
 - 25, 25a. *Phasianella tumidula*, p. 76.
 26. *Phasianella nuciformis*, p. 75.
 - 27, 27a. *Phasianella elegans*, p. 74.
 - 28, 28a. *Phasianella acutiusecula*, p. 75, and Plate IX, fig. 2.
 29. *Phasianella parvula*, p. 75.
 29. — — magnified view.
 - 30, 30a. *Phasianella conica*, p. 74.
 - 31, 31a. *Phasianella Leymeriei*, p. 74.
 32. — — a globose variety.



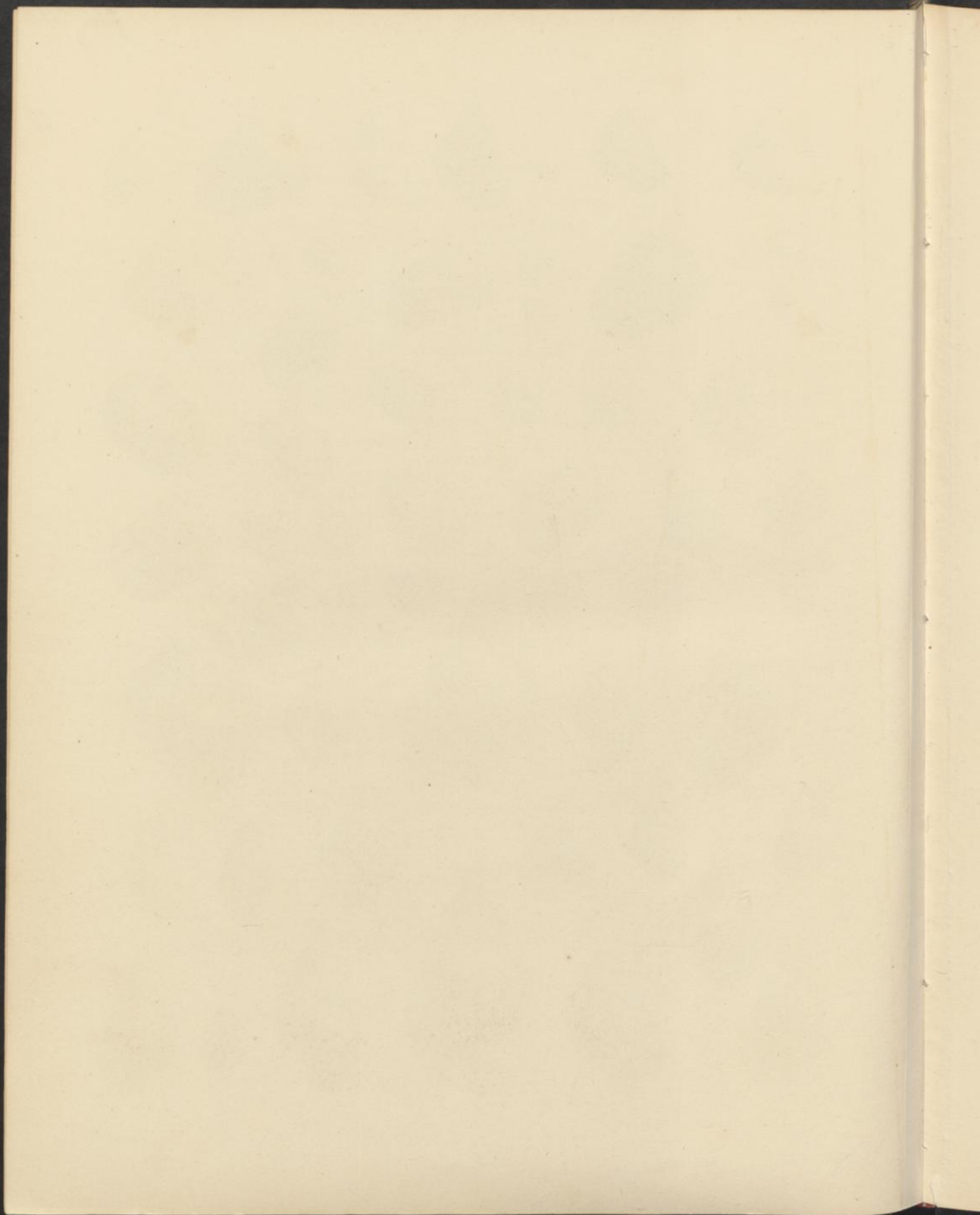
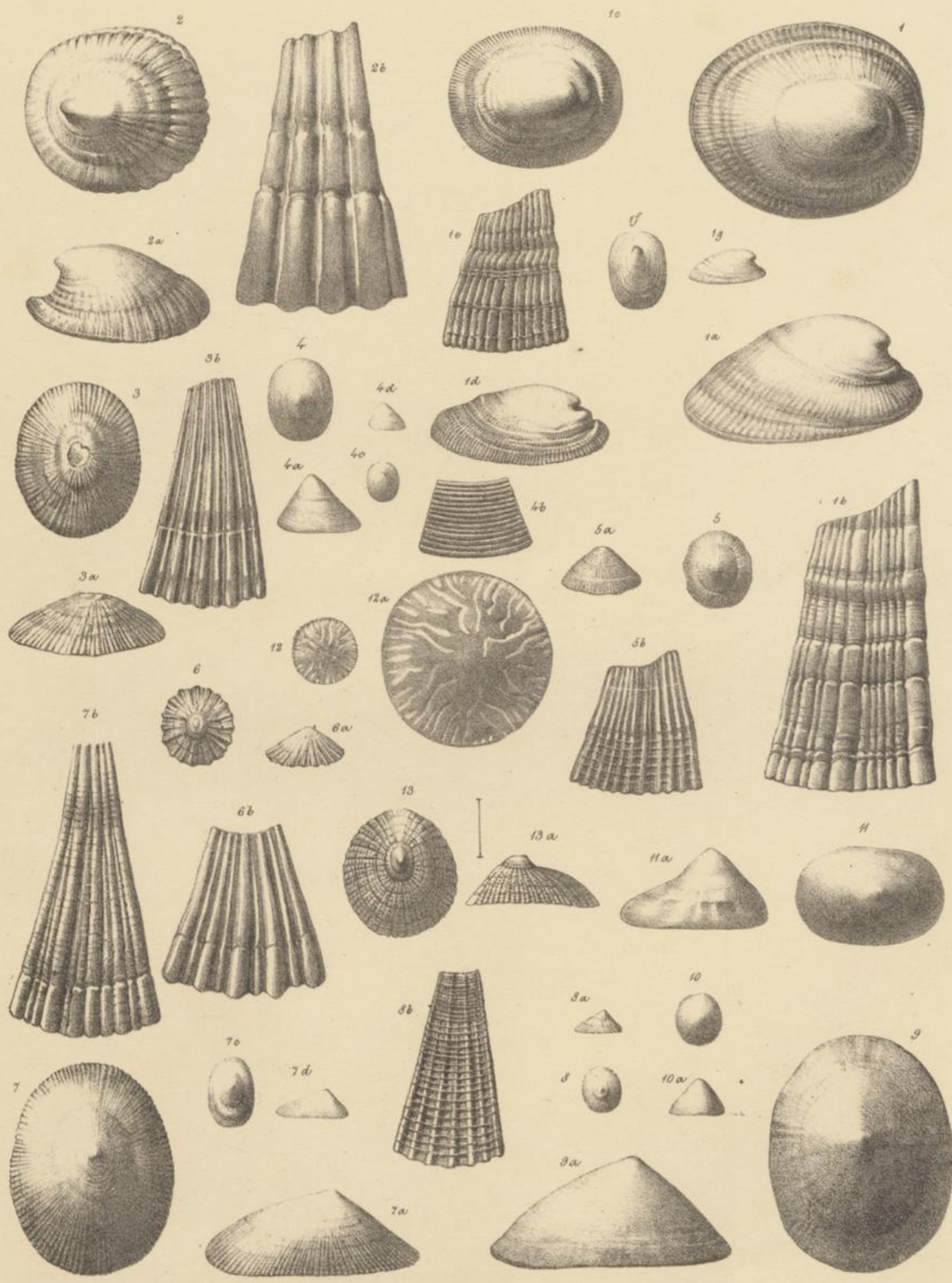


PLATE VII

1. 10	Platycodon grandiflorus	10
2. 11	Platycodon grandiflorus	11
3. 12	Platycodon grandiflorus	12
4. 13	Platycodon grandiflorus	13
5. 14	Platycodon grandiflorus	14
6. 15	Platycodon grandiflorus	15
7. 16	Platycodon grandiflorus	16
8. 17	Platycodon grandiflorus	17
9. 18	Platycodon grandiflorus	18
10. 19	Platycodon grandiflorus	19
11. 20	Platycodon grandiflorus	20
12. 21	Platycodon grandiflorus	21
13. 22	Platycodon grandiflorus	22
14. 23	Platycodon grandiflorus	23
15. 24	Platycodon grandiflorus	24
16. 25	Platycodon grandiflorus	25
17. 26	Platycodon grandiflorus	26
18. 27	Platycodon grandiflorus	27
19. 28	Platycodon grandiflorus	28
20. 29	Platycodon grandiflorus	29
21. 30	Platycodon grandiflorus	30
22. 31	Platycodon grandiflorus	31
23. 32	Platycodon grandiflorus	32
24. 33	Platycodon grandiflorus	33
25. 34	Platycodon grandiflorus	34
26. 35	Platycodon grandiflorus	35
27. 36	Platycodon grandiflorus	36
28. 37	Platycodon grandiflorus	37
29. 38	Platycodon grandiflorus	38
30. 39	Platycodon grandiflorus	39
31. 40	Platycodon grandiflorus	40
32. 41	Platycodon grandiflorus	41
33. 42	Platycodon grandiflorus	42
34. 43	Platycodon grandiflorus	43
35. 44	Platycodon grandiflorus	44
36. 45	Platycodon grandiflorus	45
37. 46	Platycodon grandiflorus	46
38. 47	Platycodon grandiflorus	47
39. 48	Platycodon grandiflorus	48
40. 49	Platycodon grandiflorus	49
41. 50	Platycodon grandiflorus	50
42. 51	Platycodon grandiflorus	51
43. 52	Platycodon grandiflorus	52
44. 53	Platycodon grandiflorus	53
45. 54	Platycodon grandiflorus	54
46. 55	Platycodon grandiflorus	55
47. 56	Platycodon grandiflorus	56
48. 57	Platycodon grandiflorus	57
49. 58	Platycodon grandiflorus	58
50. 59	Platycodon grandiflorus	59
51. 60	Platycodon grandiflorus	60
52. 61	Platycodon grandiflorus	61
53. 62	Platycodon grandiflorus	62
54. 63	Platycodon grandiflorus	63
55. 64	Platycodon grandiflorus	64
56. 65	Platycodon grandiflorus	65
57. 66	Platycodon grandiflorus	66
58. 67	Platycodon grandiflorus	67
59. 68	Platycodon grandiflorus	68
60. 69	Platycodon grandiflorus	69
61. 70	Platycodon grandiflorus	70
62. 71	Platycodon grandiflorus	71
63. 72	Platycodon grandiflorus	72
64. 73	Platycodon grandiflorus	73
65. 74	Platycodon grandiflorus	74
66. 75	Platycodon grandiflorus	75
67. 76	Platycodon grandiflorus	76
68. 77	Platycodon grandiflorus	77
69. 78	Platycodon grandiflorus	78
70. 79	Platycodon grandiflorus	79
71. 80	Platycodon grandiflorus	80
72. 81	Platycodon grandiflorus	81
73. 82	Platycodon grandiflorus	82
74. 83	Platycodon grandiflorus	83
75. 84	Platycodon grandiflorus	84
76. 85	Platycodon grandiflorus	85
77. 86	Platycodon grandiflorus	86
78. 87	Platycodon grandiflorus	87
79. 88	Platycodon grandiflorus	88
80. 89	Platycodon grandiflorus	89
81. 90	Platycodon grandiflorus	90
82. 91	Platycodon grandiflorus	91
83. 92	Platycodon grandiflorus	92
84. 93	Platycodon grandiflorus	93
85. 94	Platycodon grandiflorus	94
86. 95	Platycodon grandiflorus	95
87. 96	Platycodon grandiflorus	96
88. 97	Platycodon grandiflorus	97
89. 98	Platycodon grandiflorus	98
90. 99	Platycodon grandiflorus	99
91. 100	Platycodon grandiflorus	100

PLATE XII.

- Fig.
- 1, 1a. *Patella rugosa*, p. 89, variety with large costæ.
 1b. — — magnified portion of the surface of figs. 1, 1a.
 1c, 1d. — — variety with fine costæ.
 1e. — — magnified portion of the surface of figs. 1c, 1d.
 1f, 1g. — — the young shell.
- 2, 2a. *Patella paradoxa*, p. 90.
 2b. — — magnified portion of the surface.
- 3, 3a. *Patella sulcata*, p. 90.
 3b. — — magnified portion of the surface.
- 4, 4a, c, d. *Patella cingulata*, p. 88. *Bathiensis* Roll. i. p. 11. c. d.
 4b. — — magnified portion of the surface.
- 5, 5a. *Patella striatula*, p. 91.
 5b. — — magnified portion of the surface.
- 6, 6a. *Patella Roemeri*, p. 91.
 6b. — — magnified portion of the surface.
- 7, 7a. *Patella Aubentonensis*, p. 91.
 7b. — — magnified portion of the surface.
 7c, 7d. — — the young shell.
- 8, 8a. *Patella arachnoidea*, p. 92.
 8b. — — portion of the surface magnified.
- 9, 9a. *Patella suprajurensis*, p. 92. *sp. nov. ? = inornata*
- 10, 10a. *Patella nana*, p. 93.
- 11, 11a. *Patella inornata*, p. 93.
12. *Umbrella?* *Hamptonensis*, p. 95.
 12a. — — the surface magnified three times.
- 13, 13a. *Deslongchampsia Eugenei*, p. 94, magnified twice.



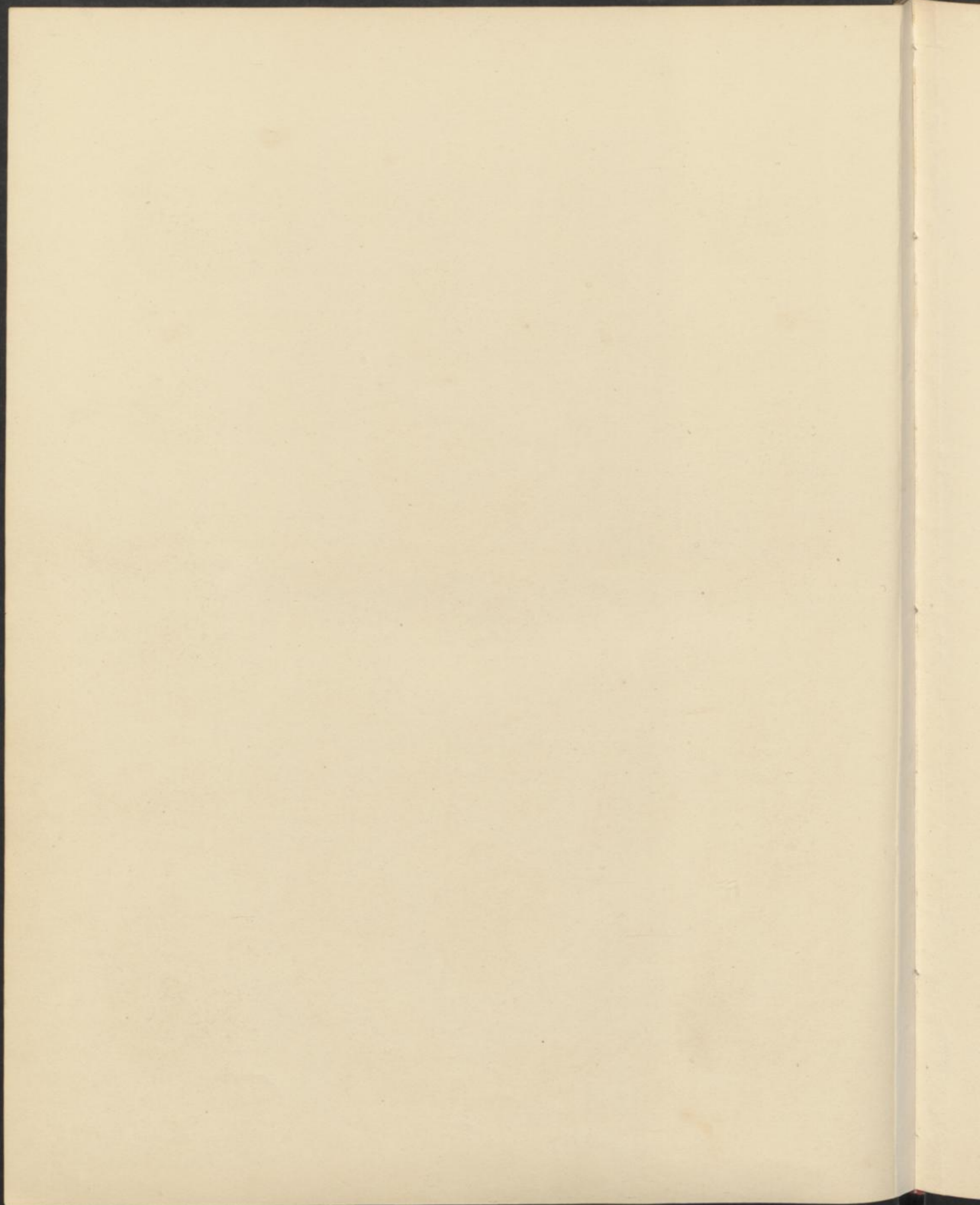


PLATE VIII

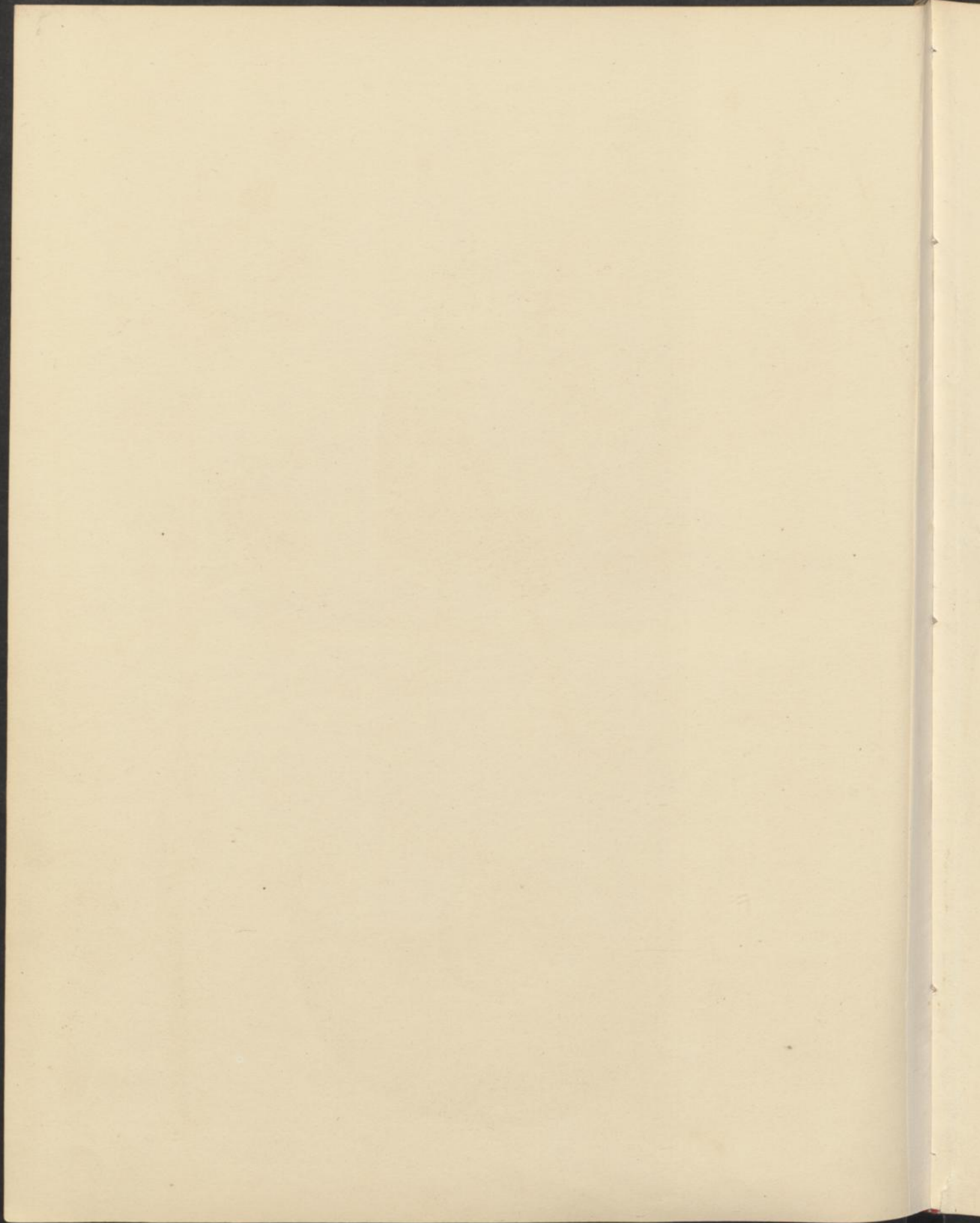
1. *Phacelia* (Wright) (Wright's collection)
2. *Phacelia* (Wright) (Wright's collection)
3. *Phacelia* (Wright) (Wright's collection)
4. *Phacelia* (Wright) (Wright's collection)
5. *Phacelia* (Wright) (Wright's collection)
6. *Phacelia* (Wright) (Wright's collection)
7. *Phacelia* (Wright) (Wright's collection)
8. *Phacelia* (Wright) (Wright's collection)
9. *Phacelia* (Wright) (Wright's collection)
10. *Phacelia* (Wright) (Wright's collection)

PLATE XIII.

Fig.

1. *Pteroceras Wrightii*, *p.* 105. (In Dr. Wright's collection.)
2. *Ammonites gracilis*, and Plate I, fig. 3, *pp.* 12 and 105.
- 2*a.* — — front view. (In Prof. J. Buckman's collection.)
3. *Alaria paradoxa*, and Plate III, figs. 9, 10, *p.* 20.
4. *Alaria pagoda*, and Plate III, fig. 18, *p.* 18.
- 4*a.* — — magnified view.
5. *Neritopsis varicosa*, and Plate XI, fig. 20, *p.* 106.
6. *Trochus spiratus*, and Plate X, fig. 2, *var.*, *p.* 106.
- 6*a.* — — magnified view.
7. *Trochus squamiger*, and Plate IX, fig. 34, *p.* 62. Magnified view of a portion of the surface.
8. *Ceritella unilineata*, and Plate V, fig. 13, *p.* 38.
9. *Rissoina?* *acuta*, and Plate IX, fig. 9, *p.* 53.
10. *Nerinea Eudesii*, and Plate VII, fig. 6, *p.* 33. Section of interior.
11. *Nerinea Voltzii*, and Plate VII, fig. 11, *p.* 32. Section of interior.





91.0.11

PLATE VII

TOXOPNEUSTES

- 1. *Toxopneustes* *sp.* (11), reduced one half.
- 2. *Toxopneustes* *sp.* (10), reduced one half.
- 3. *Toxopneustes* *sp.* (10), reduced one half.
- 4. *Toxopneustes* *sp.* (10), reduced one half.
- 5. *Toxopneustes* *sp.* (10), reduced one half.
- 6. *Toxopneustes* *sp.* (10), reduced one half.
- 7. *Toxopneustes* *sp.* (10), reduced one half.
- 8. *Toxopneustes* *sp.* (10), reduced one half.
- 9. *Toxopneustes* *sp.* (10), reduced one half.
- 10. *Toxopneustes* *sp.* (10), reduced one half.

PLATE XIV.

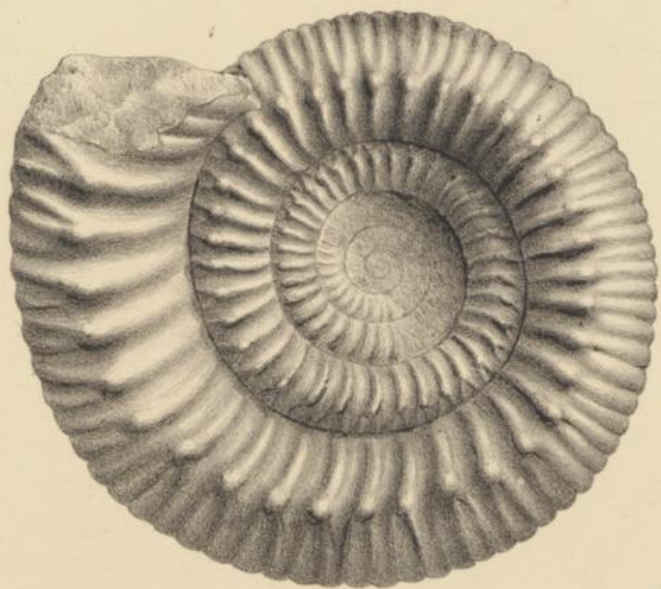
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Fig.

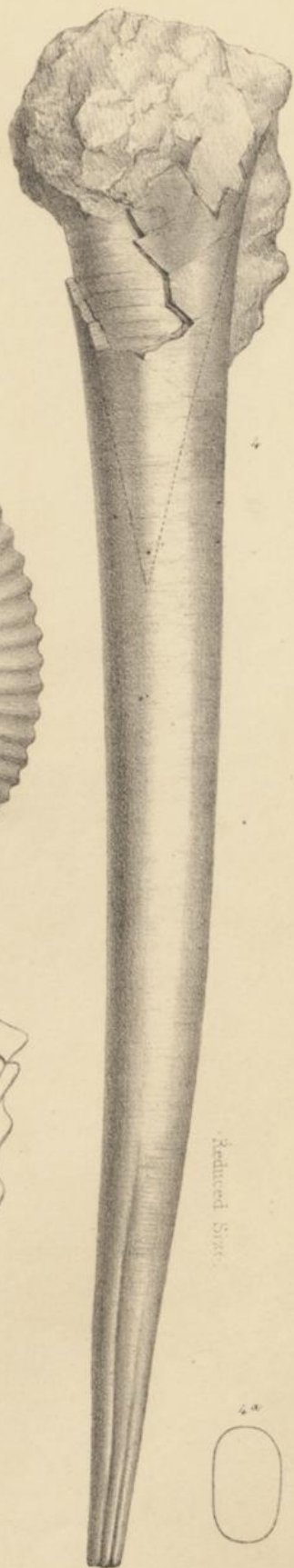
1. Ammonites Braikenridgii, p. 111, reduced one half.
2. Ammonites macrocephalus, p. 109, reduced one half. *p. Scarborough [Combrash]*
- 3a. Ammonites Blagdeni, p. 110, side view. *Coeloc. (Felix) Scarboroughense Roll*
- 3b. — — front view, reduced one half. *p. Scarborough*
4. Belemnites giganteus, p. 108. *Meg. elliptica Suter sp.*
- 4a. — — transverse section.
- 5a. Serpula plicatilis, p. 121.
- 5b. — — magnified view.
- 5c. — — transverse section.
6. Serpula sulcata, p. 121.
7. Serpula intestinalis, p. 121.
- 8a, b. Vermicularia nodus, p. 120.

- Herveyi Sow.

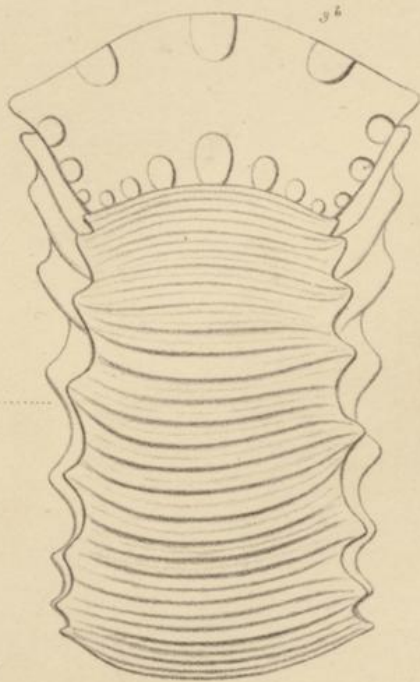
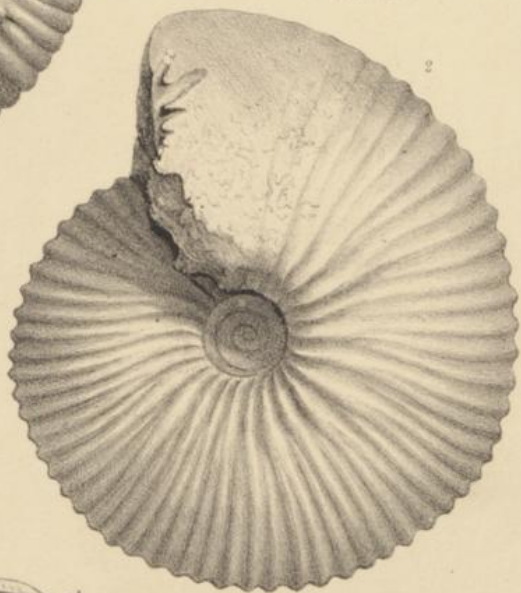
1 Nat. Size



1 1/2 Times Size

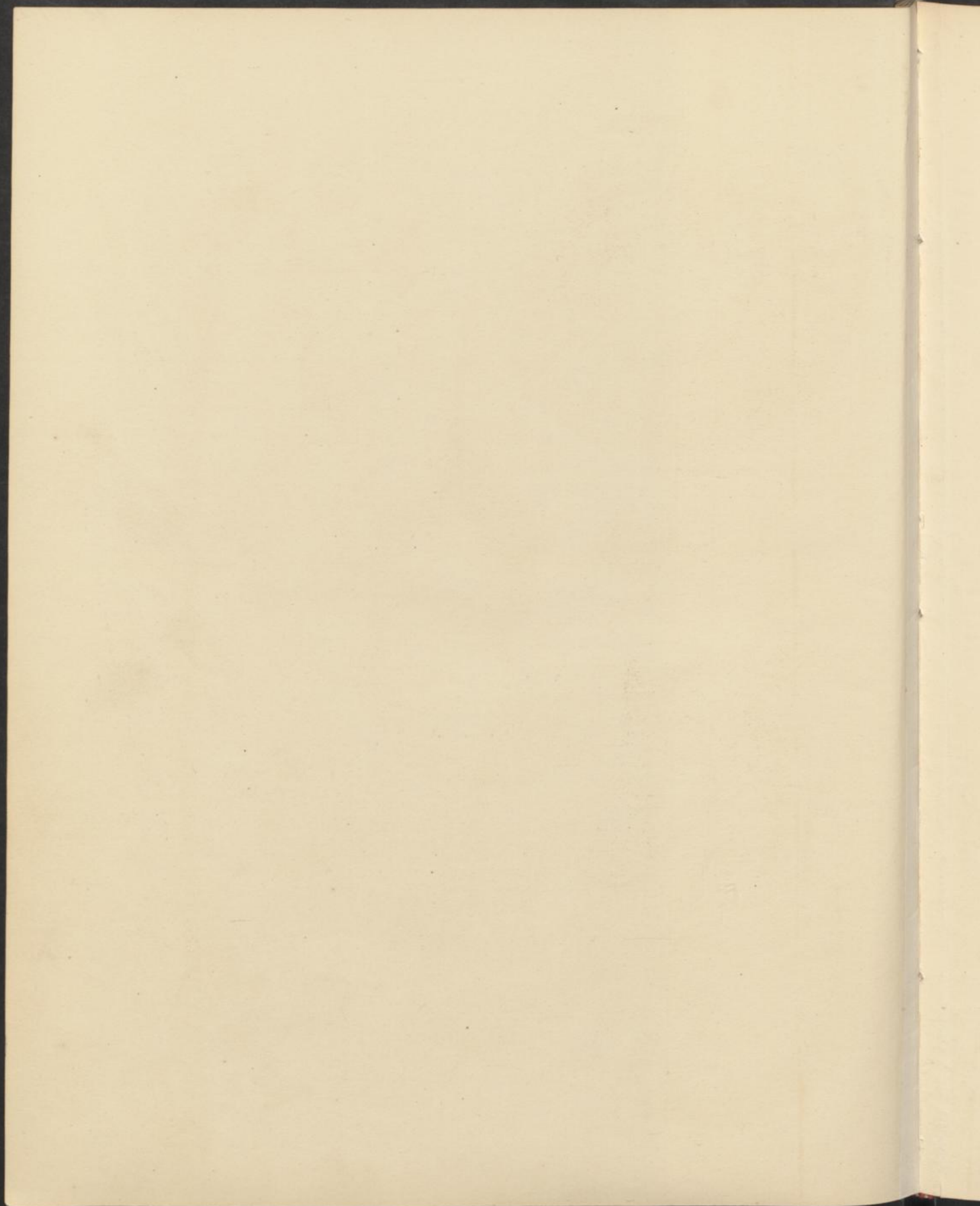


Reduced Size



1 Nat. Size

entrance
Roll
No. 4



gr. 5.1

PLATE VII

PLATE VII

1. *Trigonostictus* sp. n. (Plate VII, fig. 1)
 2. *Trigonostictus* sp. n. (Plate VII, fig. 2)
 3. *Trigonostictus* sp. n. (Plate VII, fig. 3)
 4. *Trigonostictus* sp. n. (Plate VII, fig. 4)
 5. *Trigonostictus* sp. n. (Plate VII, fig. 5)
 6. *Trigonostictus* sp. n. (Plate VII, fig. 6)
 7. *Trigonostictus* sp. n. (Plate VII, fig. 7)
 8. *Trigonostictus* sp. n. (Plate VII, fig. 8)
 9. *Trigonostictus* sp. n. (Plate VII, fig. 9)
 10. *Trigonostictus* sp. n. (Plate VII, fig. 10)
 11. *Trigonostictus* sp. n. (Plate VII, fig. 11)
 12. *Trigonostictus* sp. n. (Plate VII, fig. 12)
 13. *Trigonostictus* sp. n. (Plate VII, fig. 13)
 14. *Trigonostictus* sp. n. (Plate VII, fig. 14)
 15. *Trigonostictus* sp. n. (Plate VII, fig. 15)
 16. *Trigonostictus* sp. n. (Plate VII, fig. 16)
 17. *Trigonostictus* sp. n. (Plate VII, fig. 17)
 18. *Trigonostictus* sp. n. (Plate VII, fig. 18)
 19. *Trigonostictus* sp. n. (Plate VII, fig. 19)
 20. *Trigonostictus* sp. n. (Plate VII, fig. 20)
 21. *Trigonostictus* sp. n. (Plate VII, fig. 21)

PLATE XV.

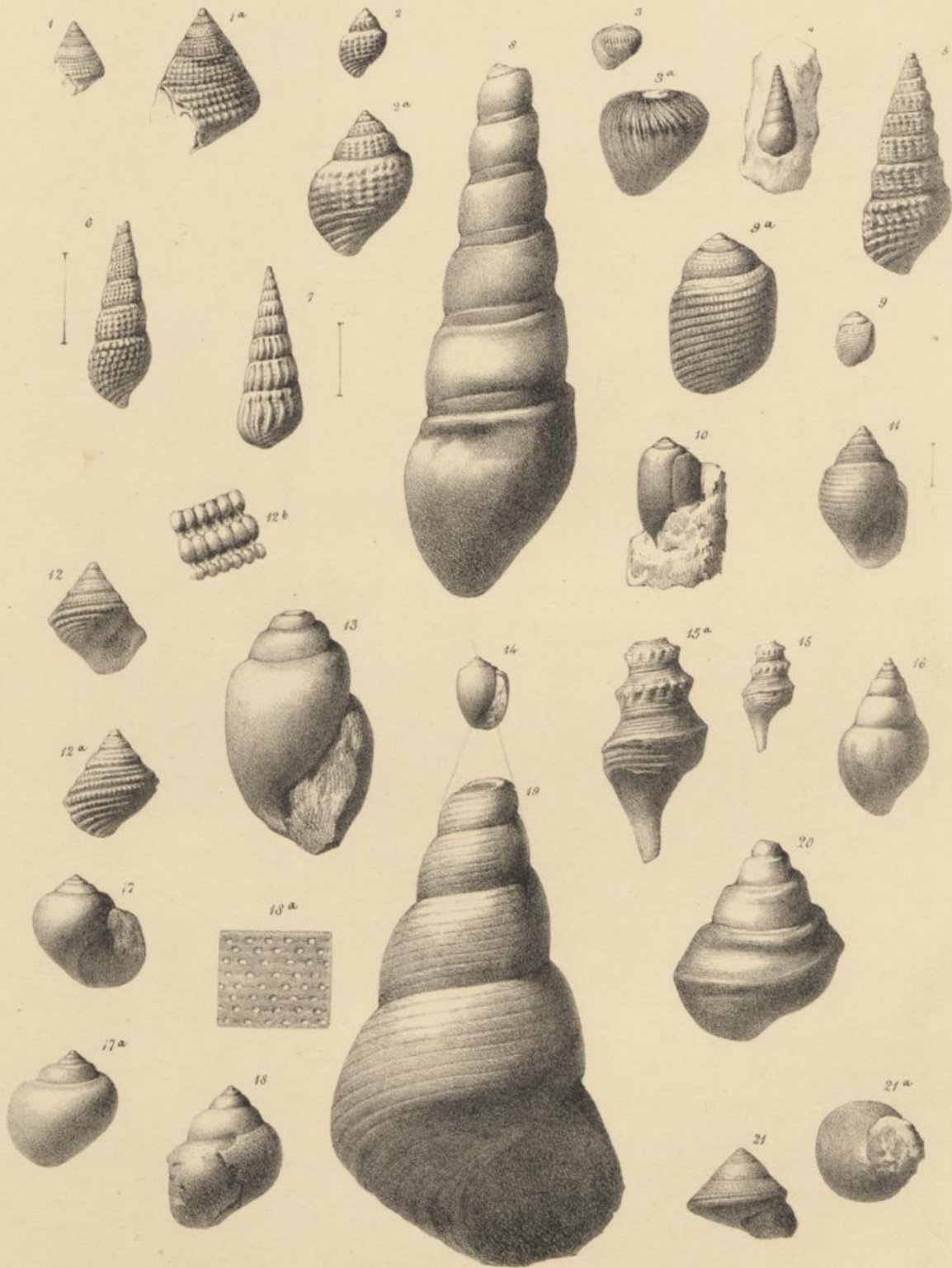
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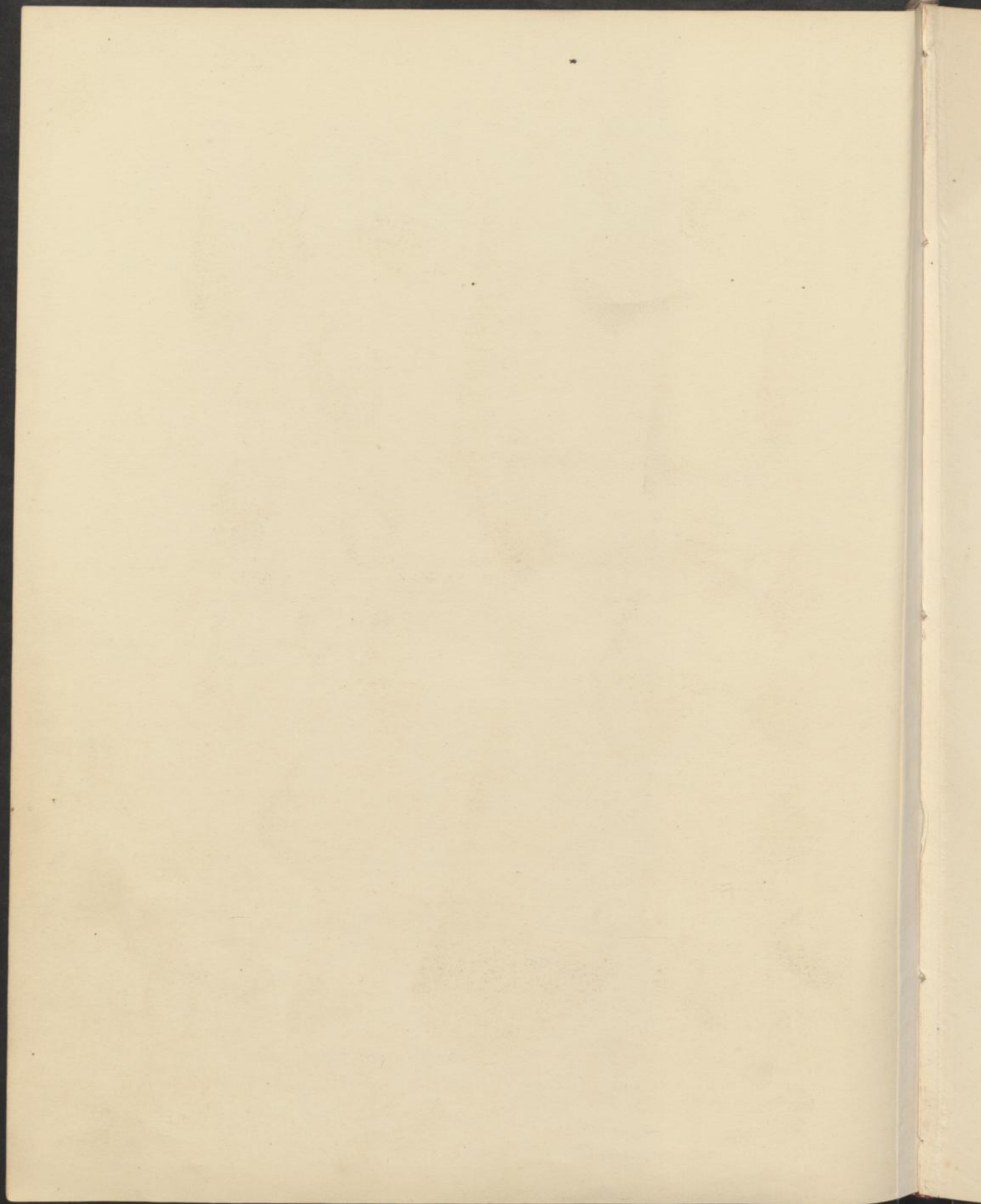
- Fig.
1. *Trochus monilitectus*, *p.* 116.
 - 1*a.* — — magnified view.
 2. *Turbo elaboratus*, and Plate IX, fig. 27, *p.* 116.
 - 2*a.* — — magnified view.
 3. *Nerita pseudocostata*, *p.* 114.
 - 3*a.* — — magnified view.
 4. *Eulima levigata*, *p.* 114.
 5. *Cerithium Beanii*, *p.* 112.
 6. *Cerithium gemmatum*, *p.* 115.
 7. *Chemnitzia?* *vetusta*, *p.* 114.*
 8. *Chemnitzia?* *Scarburgensis*, *p.* 115.
 9. *Actæon Sedgvici*, *p.* 118.
 10. *Actæonina glabra*, *p.* 120.
 11. *Actæon pullus*, *p.* 118.
 12. *Turbo Phillipsii*, *p.* 117.
 - 12*a.* — — back view.
 - 12*b.* — — surface magnified.
 13. *Actæonina gigantea*, *p.* 119.
 14. *Actæonina tumidula*, *p.* 120.
 15. *Alaria composita*, *var.* *Phillipsii*, and Plate III, fig. 5, *p.* 111, and *p.* 18.
 - 15*a.* — — magnified view.
 16. *Phasianella latiuscula*, *p.* 117.
 17. *Natica adducta*, *p.* 112, front view.
 - 17*a.* — — back view.
 18. *Natica punctura*, *p.* 112.
 - 18*a.* — — surface magnified.
 19. *Phasianella striata*, *p.* 118. *Pz. Saemannii Opp. i. J. M. a. d. g.*
 20. *Natica (Euspira)? cincta*, *p.* 113.
 - 21, 21*a.* *Trochus?* *Leckenbyi*, *p.* 115. (In Mr. Leckenby's collection.)

* In this figure the costæ near the suture are too much indented.

YORKSHIRE SHELLS

PL. XV.

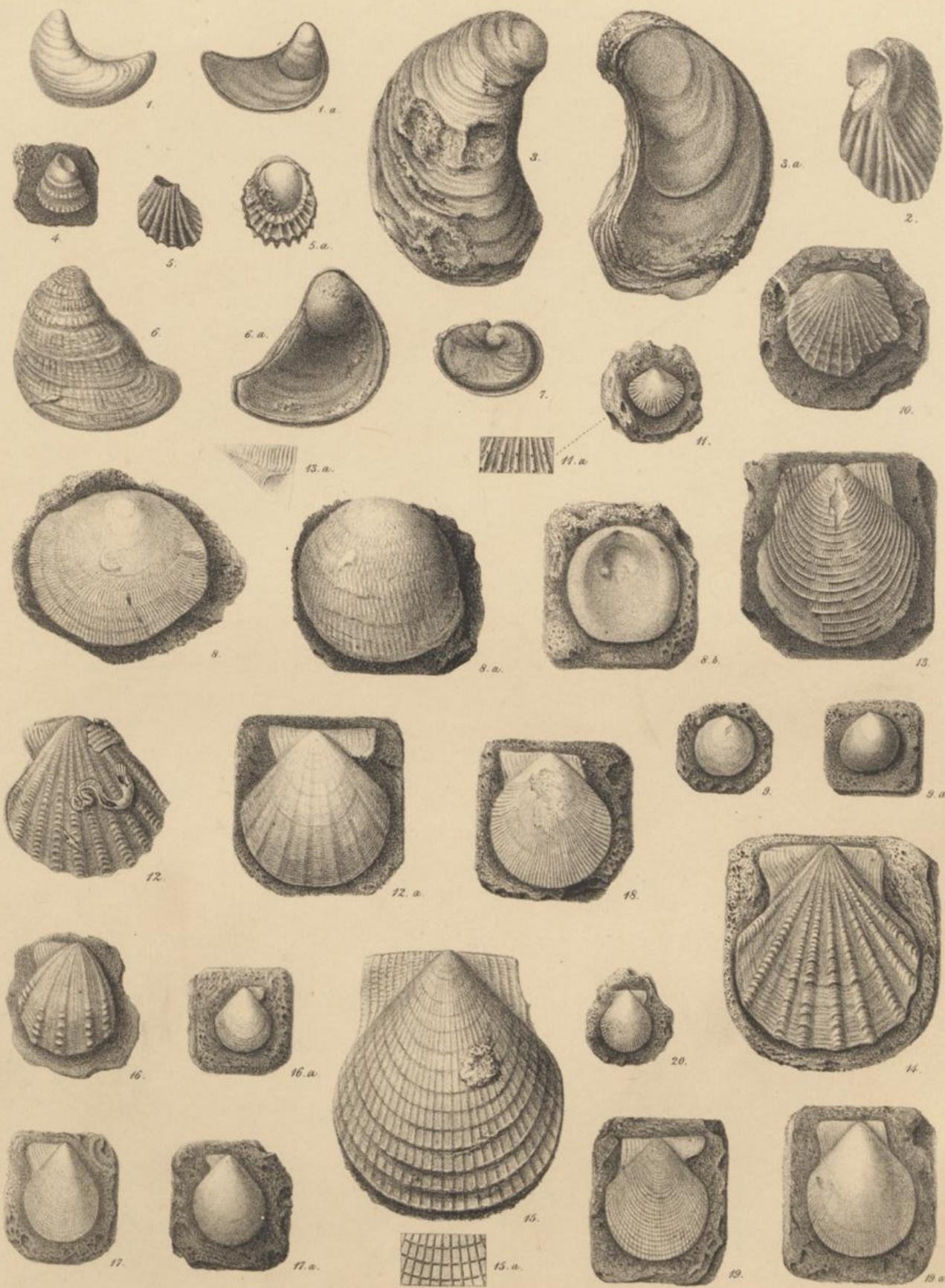


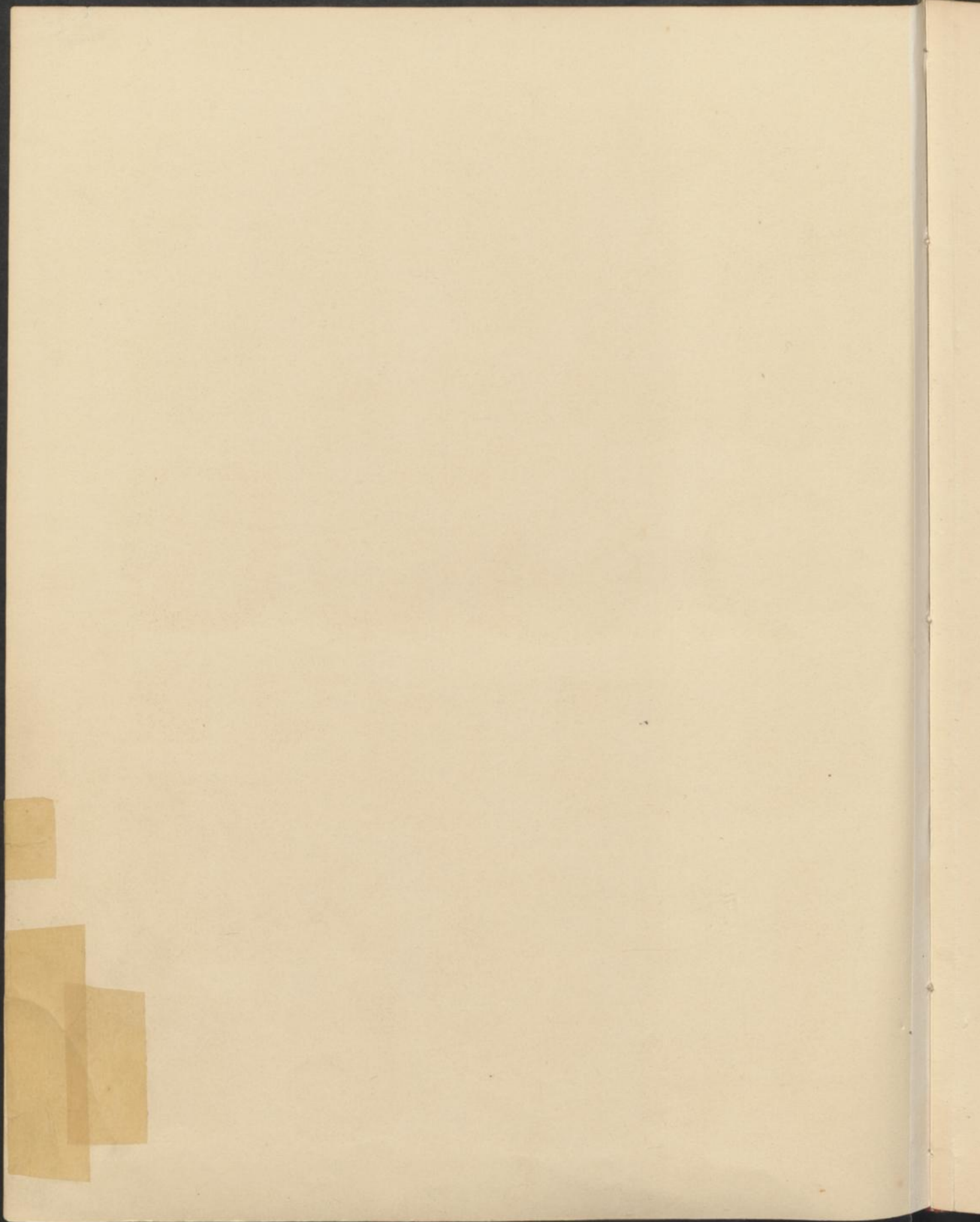


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TAB. I.

Fig.		
1, 1 a.	<i>Ostrea acuminata</i> ,	page 3.
2.	„ <i>gregarea</i> , var.,	p. 4. <i>R. Bathiense</i> sp. nov.
3, 3 a.	„ <i>Sowerbii</i> ,	p. 4.
4.	„ <i>rugosa</i> ,	p. 2.
5, 5 a.	„ <i>costata</i> ,	p. 3. sp. nov.
6, 6 a.	„ <i>sub rugulosa</i> ,	p. 4.
7.	<i>Exogyra auriformis</i> ,	p. 5.
8, 8 a.	<i>Placunopsis Jurensis</i> ,	p. 6.
8 b.	Interior of Ditto,	showing muscular impression.
9, 9 a.	<i>Placunopsis socialis</i> ,	p. 7.
10.	„ <i>radians</i> ,	p. 7. <i>Plicatula</i> ?
11, 11 a.	„ <i>ornatus</i> ,	p. 7. H.
12, 12 a.	<i>Pecten vagans</i> ,	p. 8.
13.	„ <i>annulatus</i> ,	p. 12. non Sow! <i>Contrasts</i>
14.	„ <i>peregrinus</i> ,	p. 9.
15, 15 a.	„ <i>retiferus</i> ,	p. 9.
16.	„ <i>hemicostatus</i> ,	p. 10. <i>P. Rhelus</i> ? or b.
17, 17 a.	„ <i>personatus</i> ,	p. 11.
18.	„ <i>arcuatus</i> ,	p. 11.
<i>P. (Sowerbii) clathratus</i> Foll.	19, 19 a.	„ <i>clathratus</i> ,
	20.	„ <i>Woodwardii</i> ,
		p. 8. non Racemus! <i>Corabrag</i>





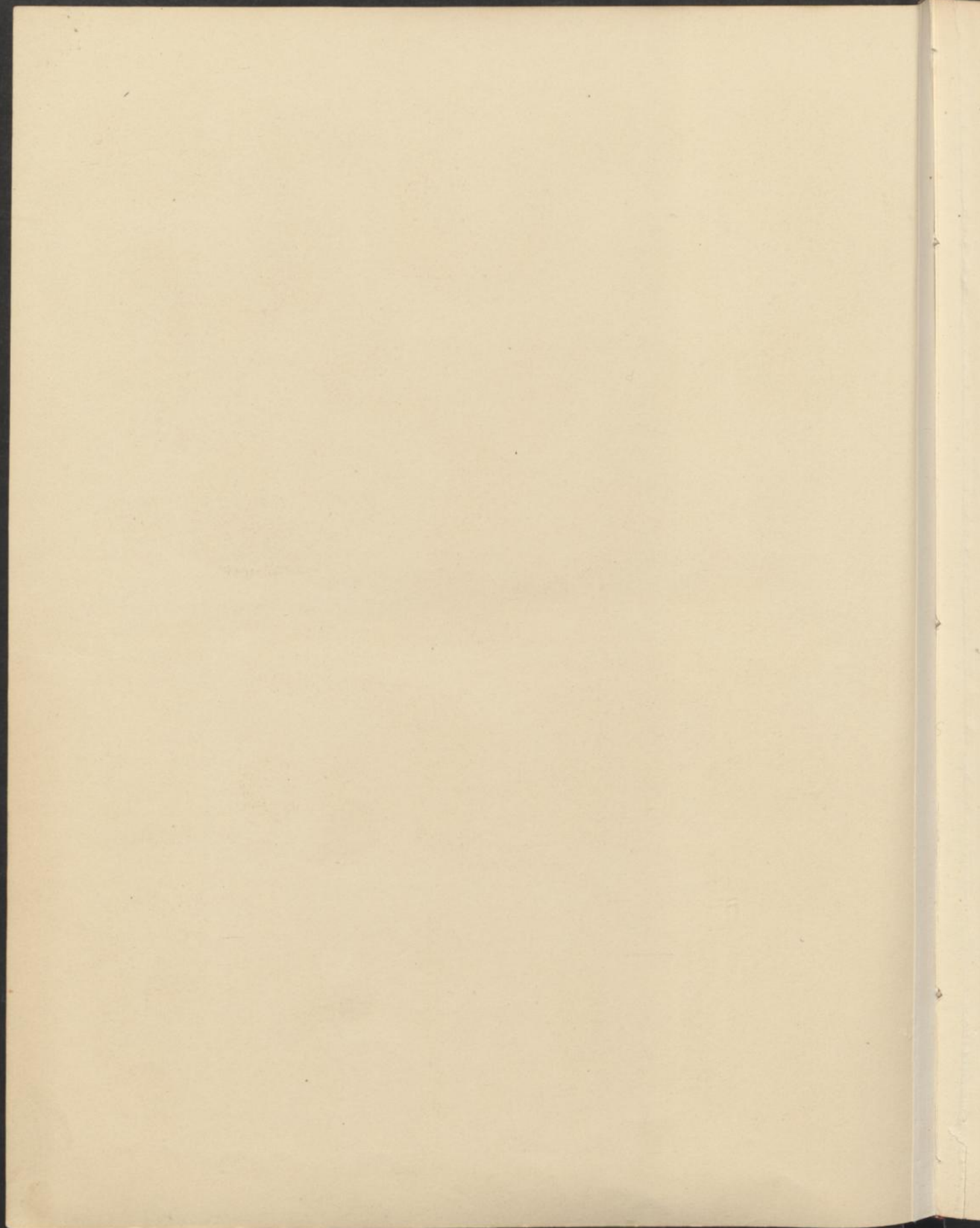
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 M. S. L. (G. S. L.)





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TAB. III.

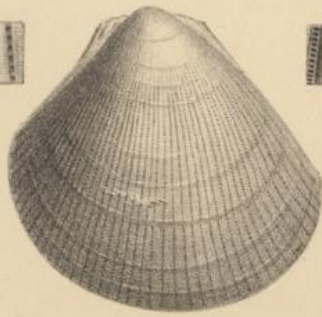
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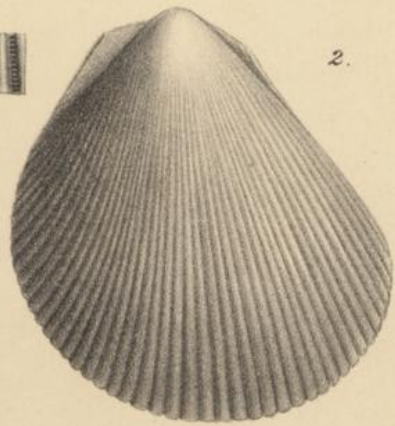
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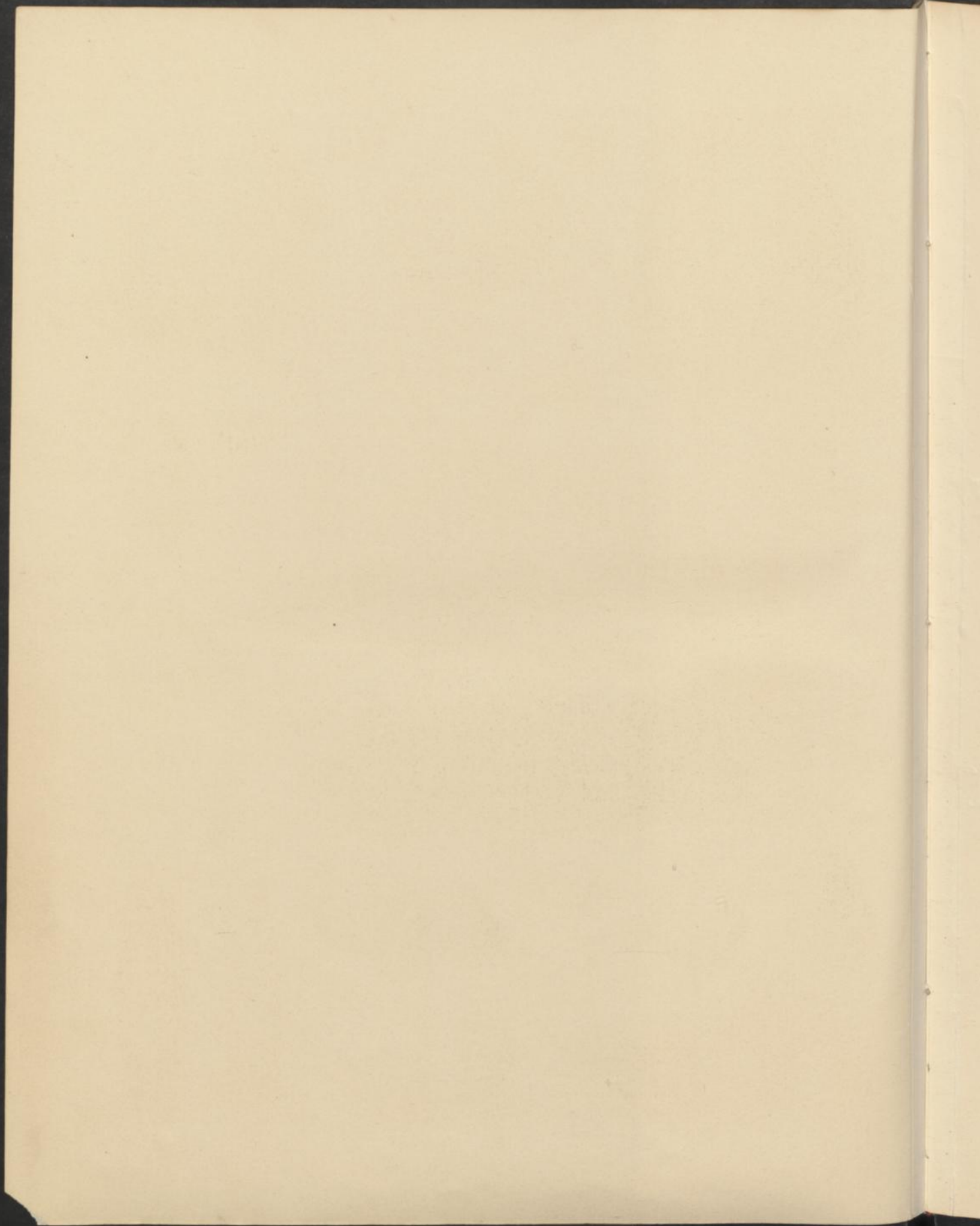
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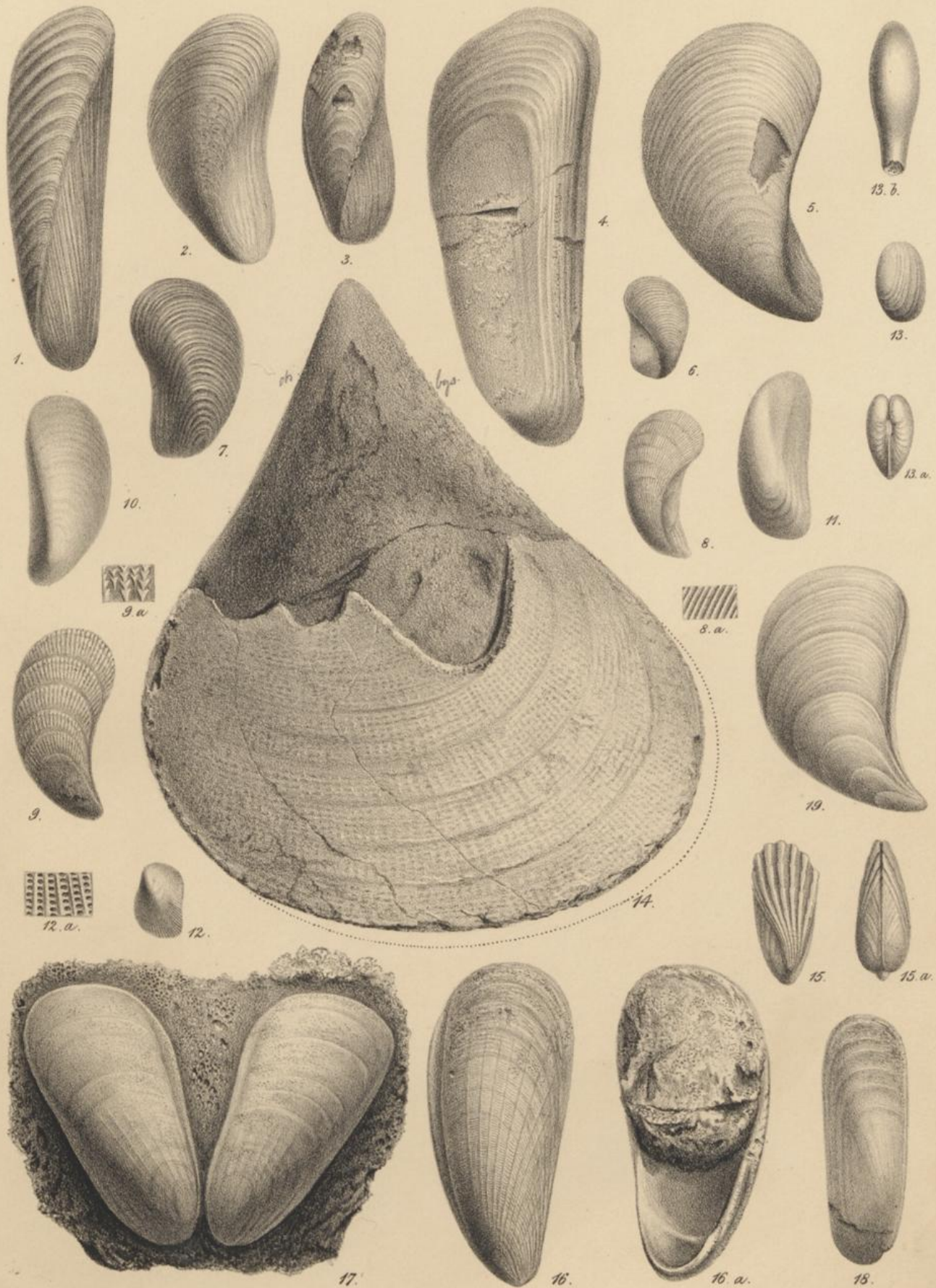


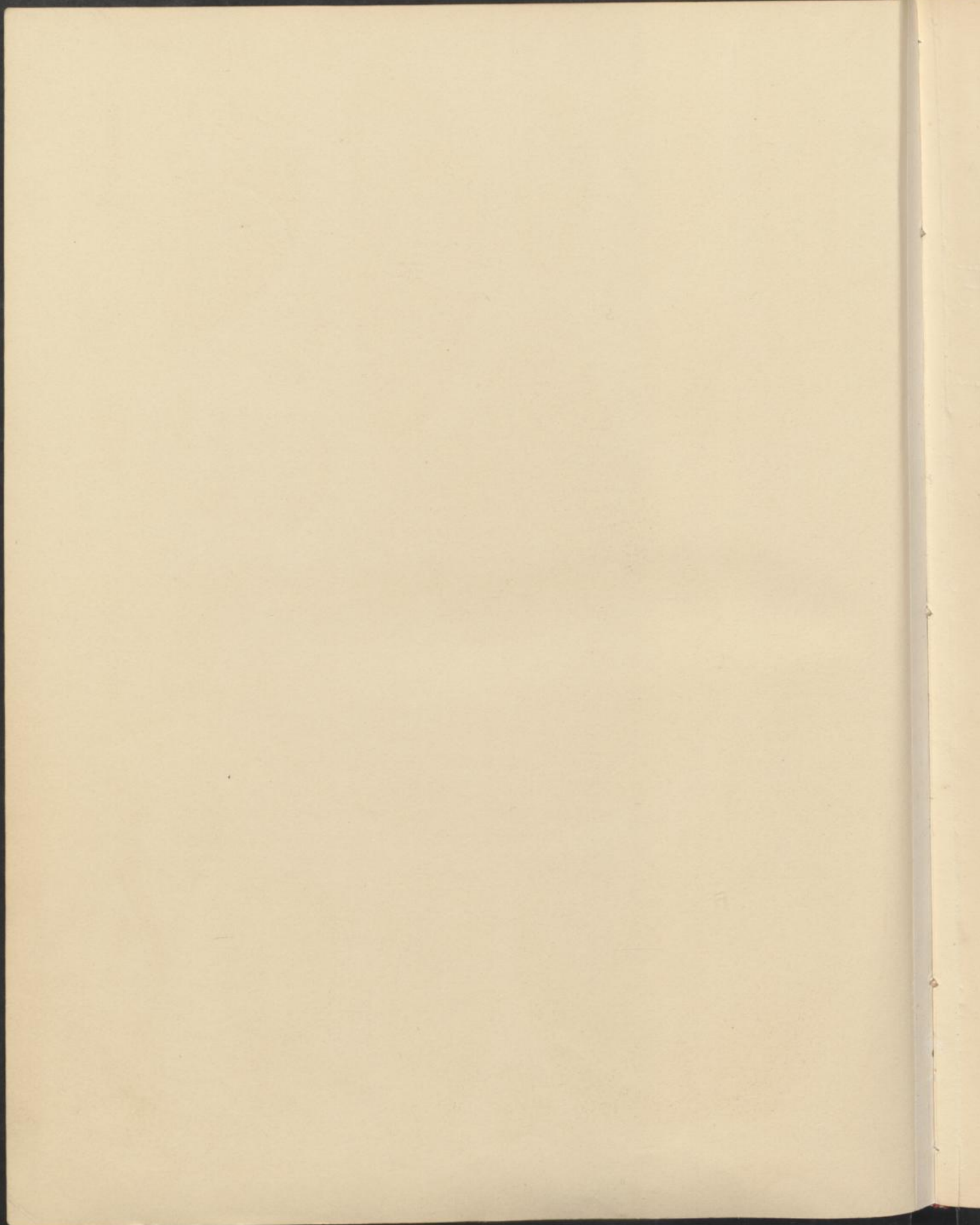
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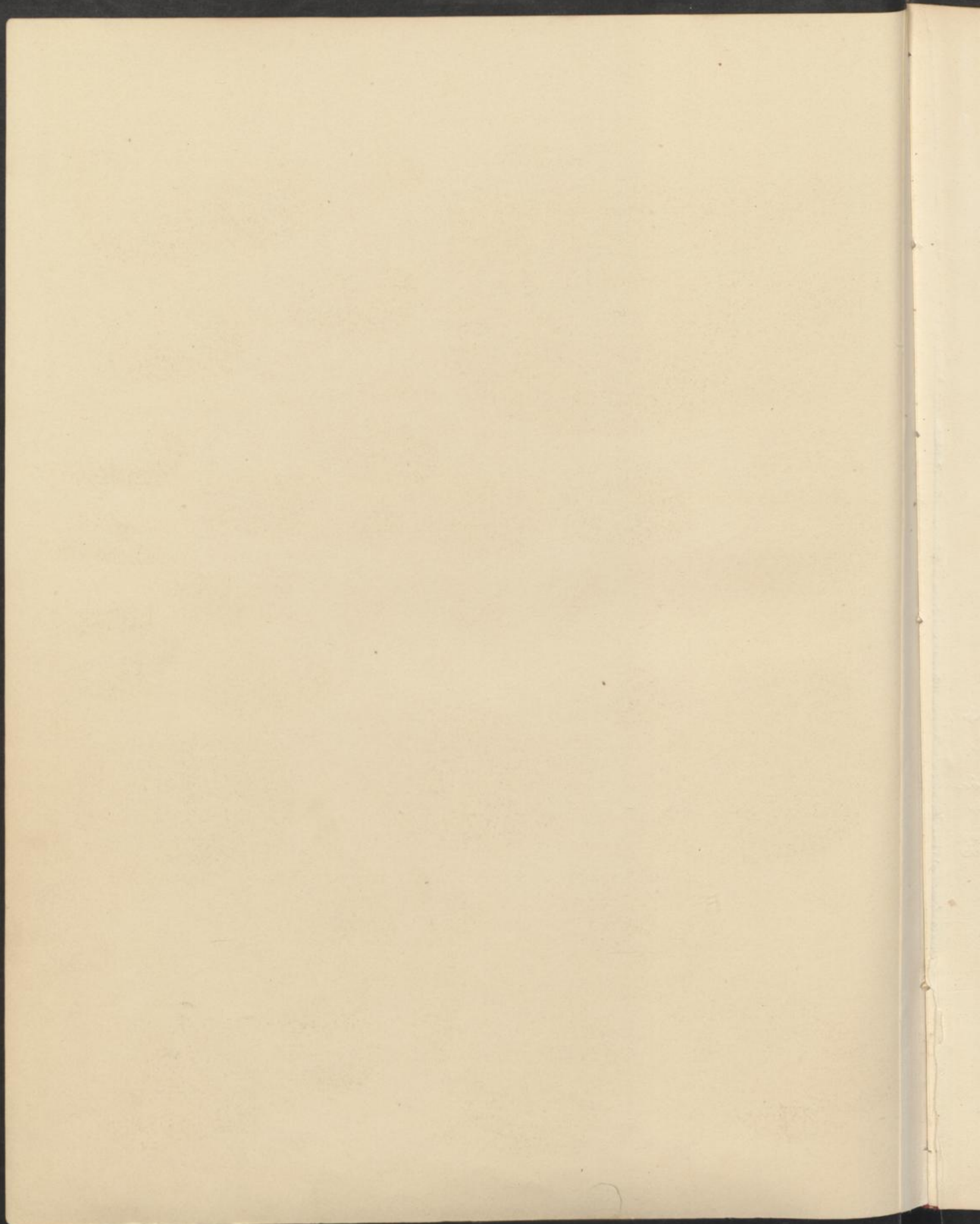


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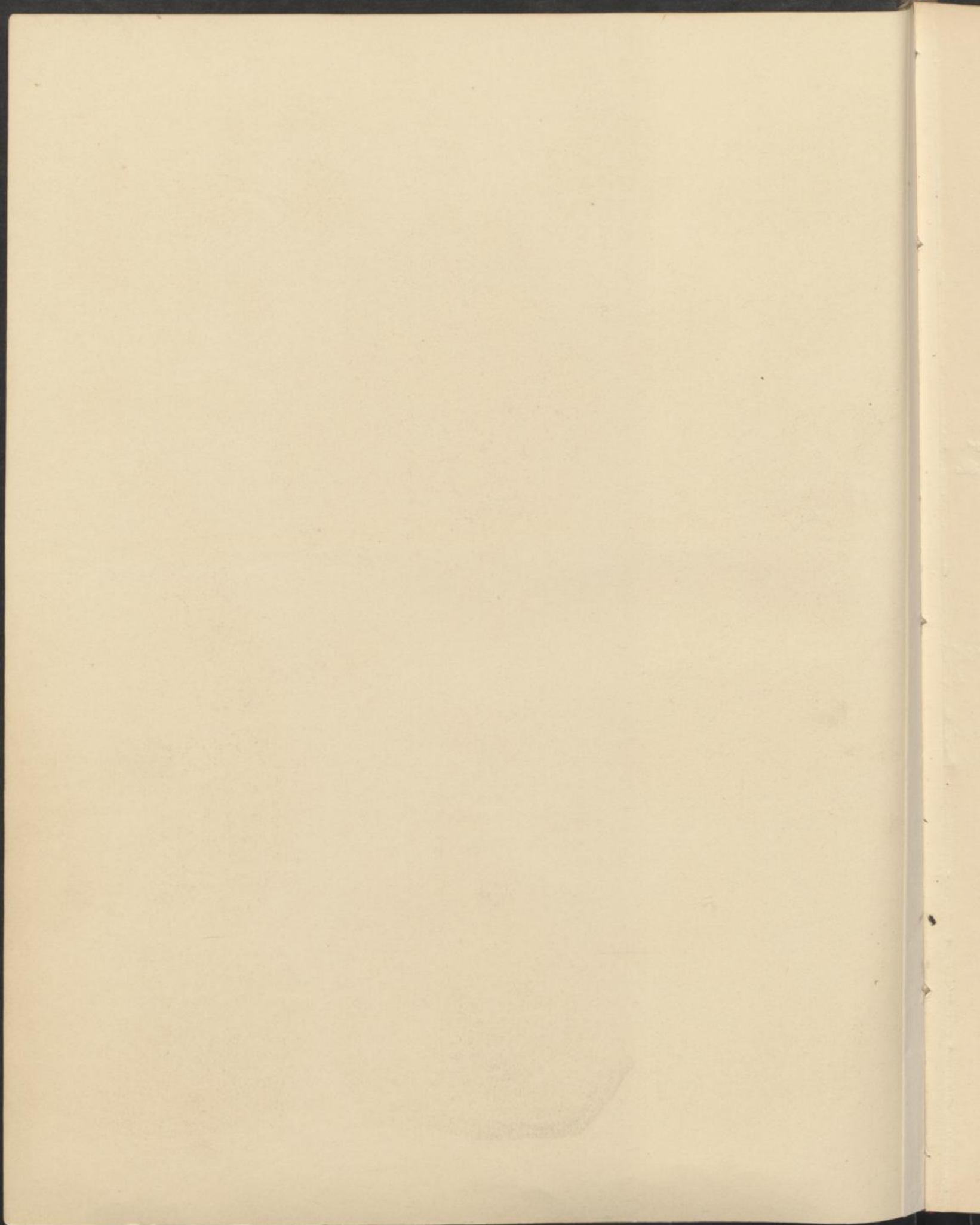




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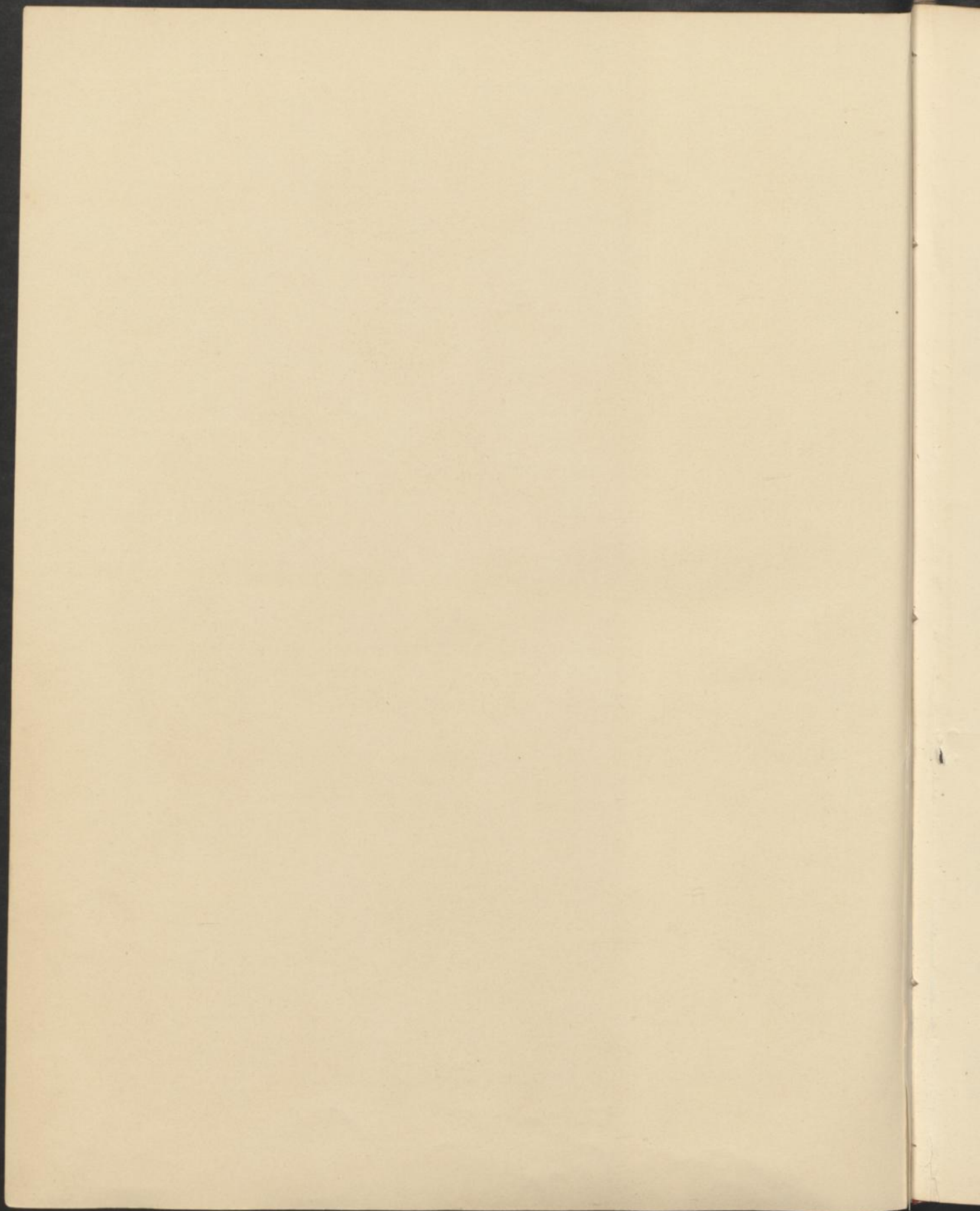
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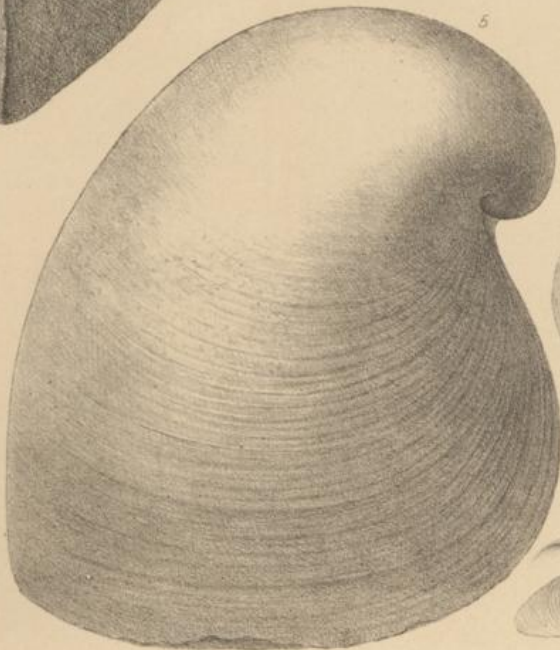
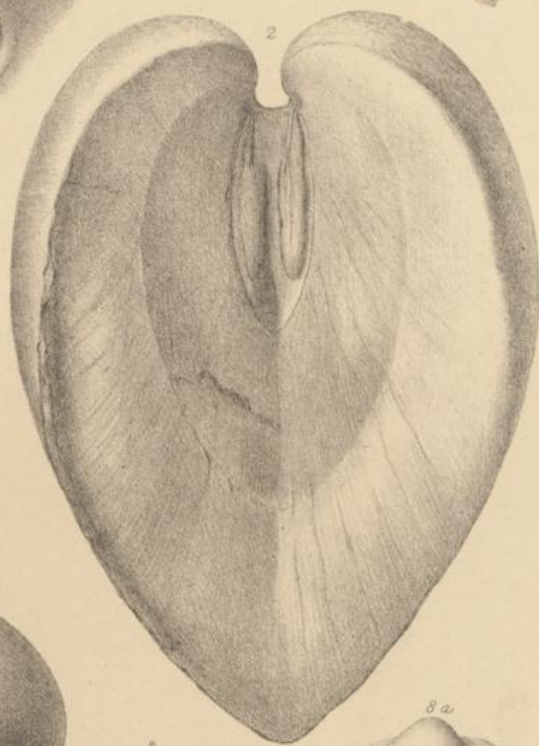
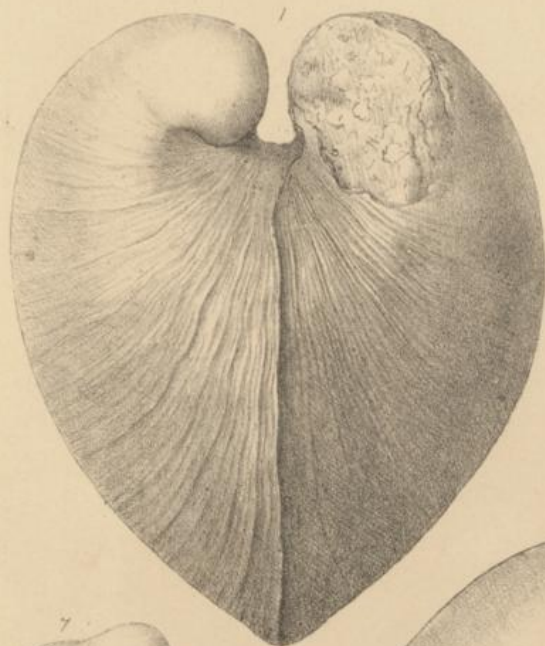
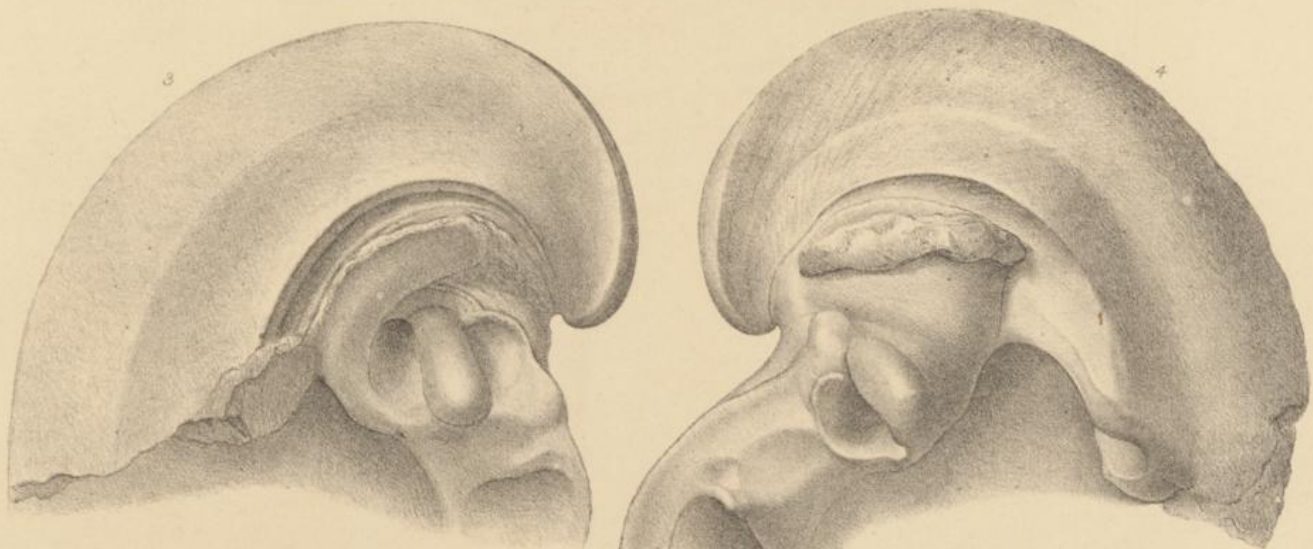


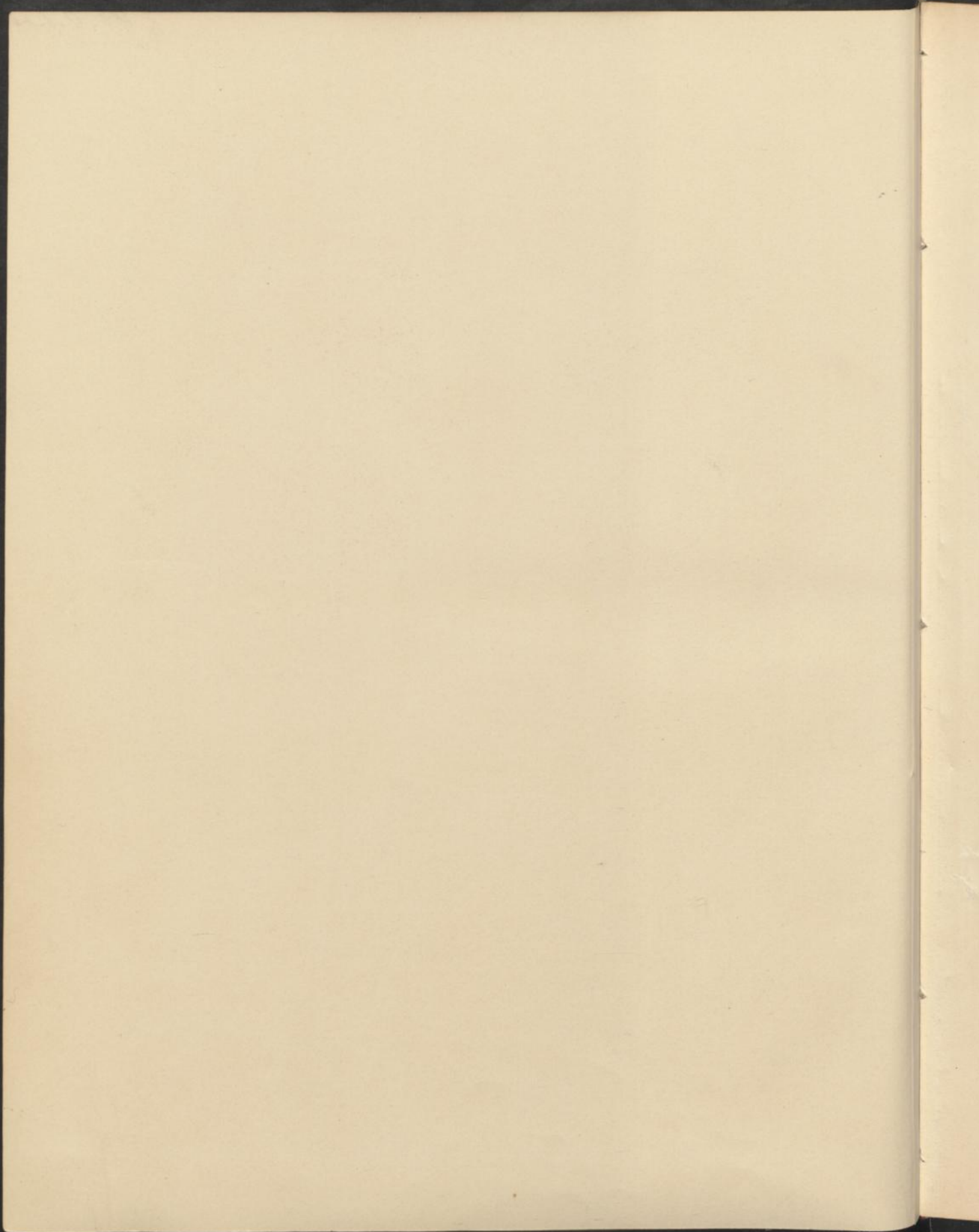
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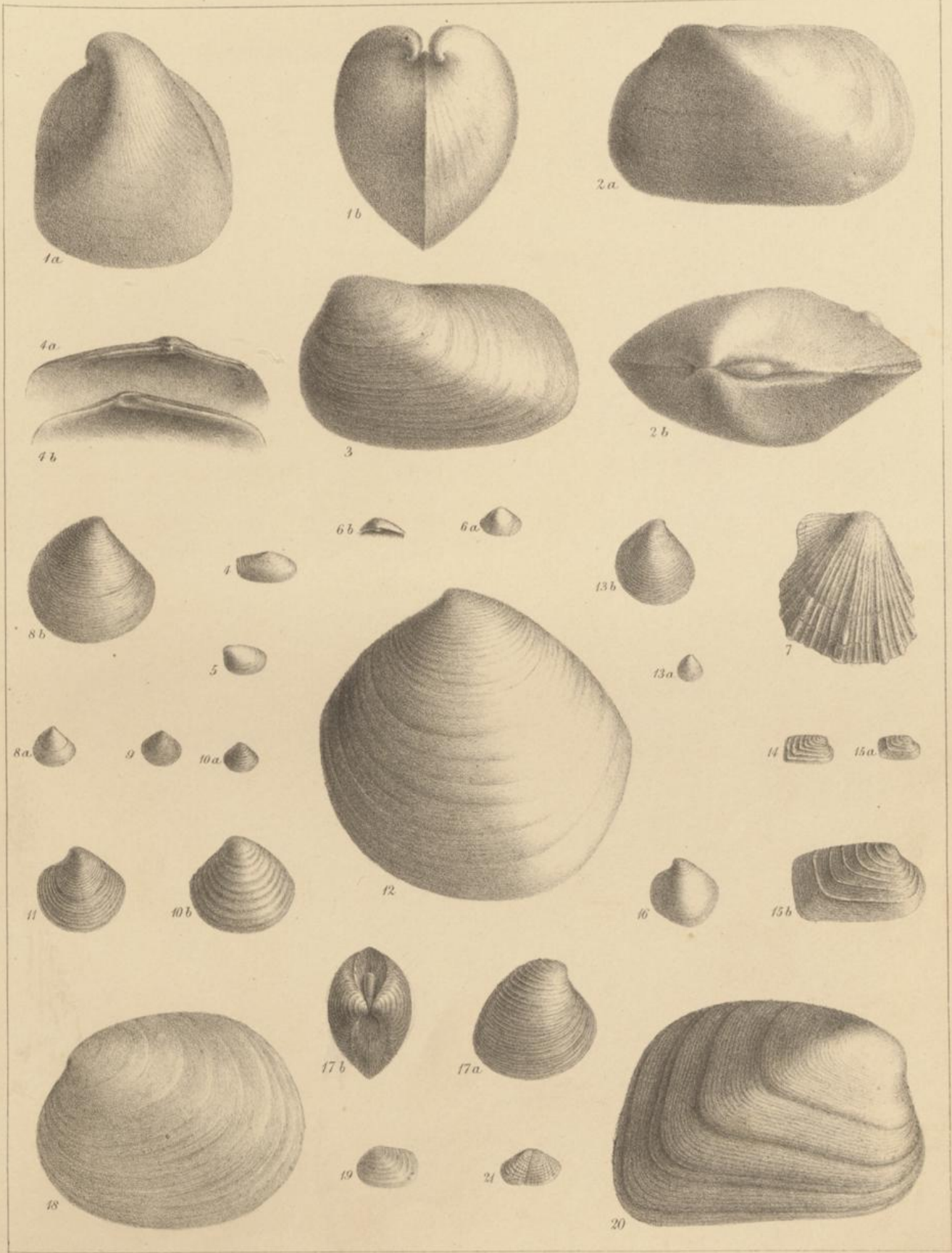


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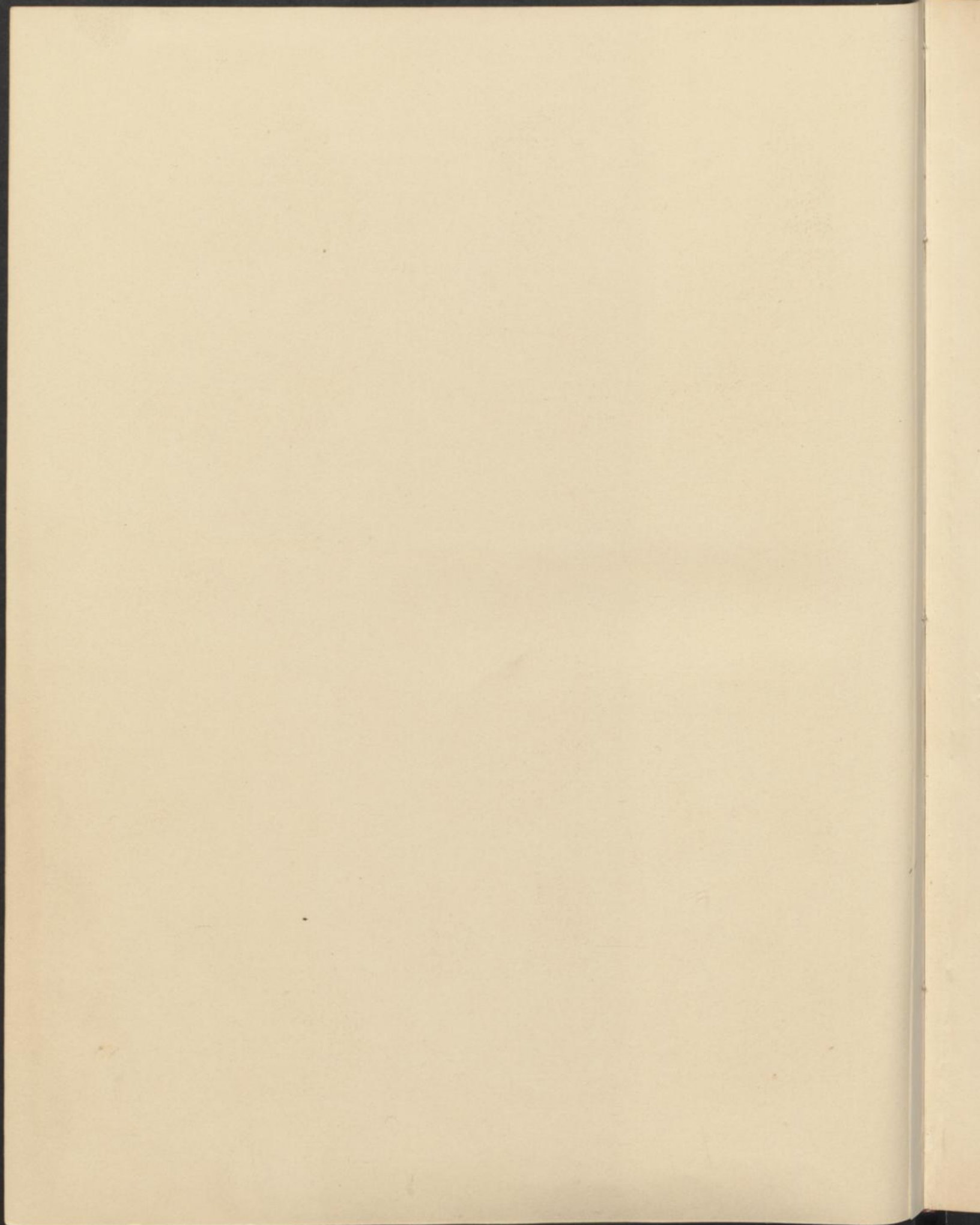


TABLE I

1	1870	100
2	1871	100
3	1872	100
4	1873	100
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6	1875	100
7	1876	100
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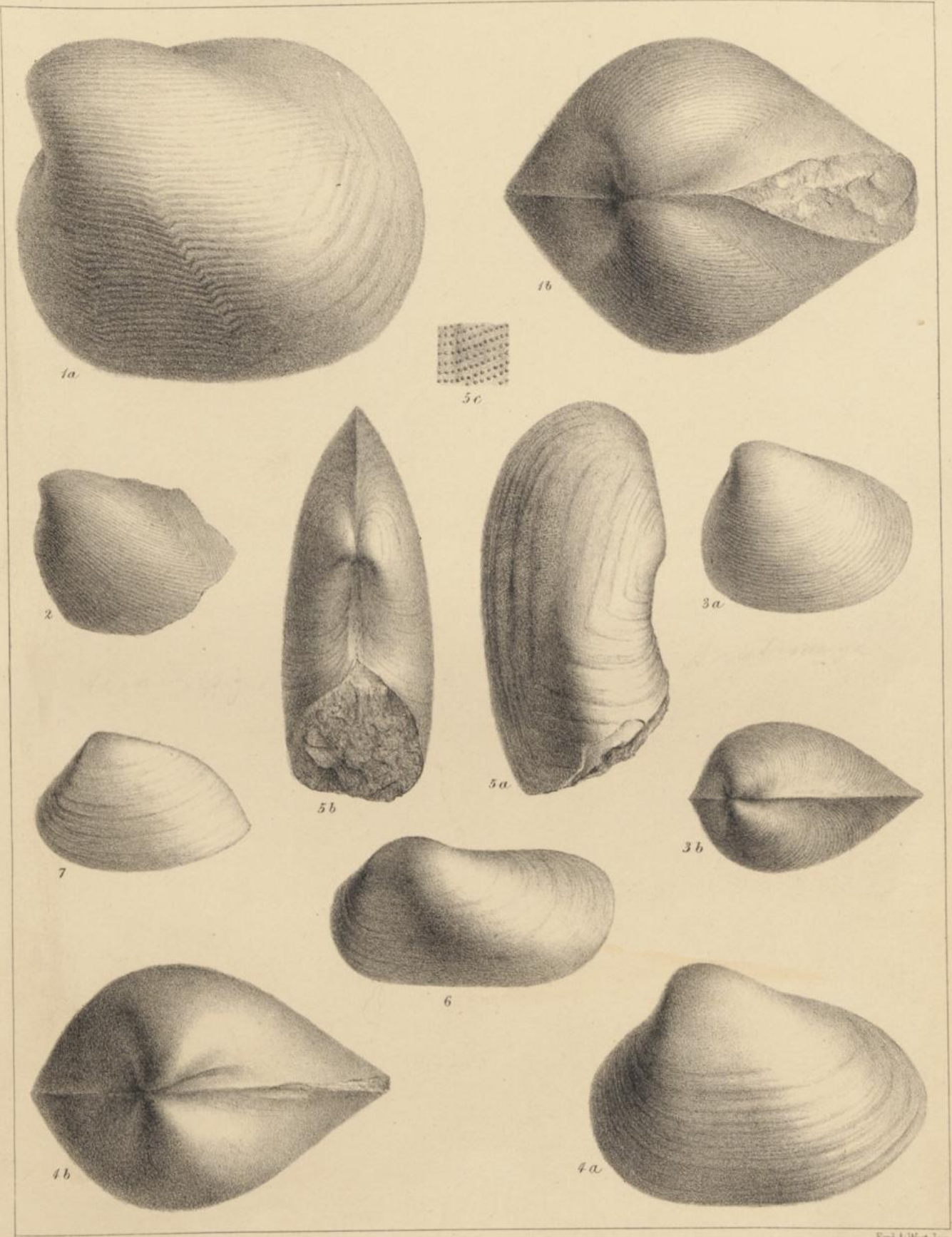
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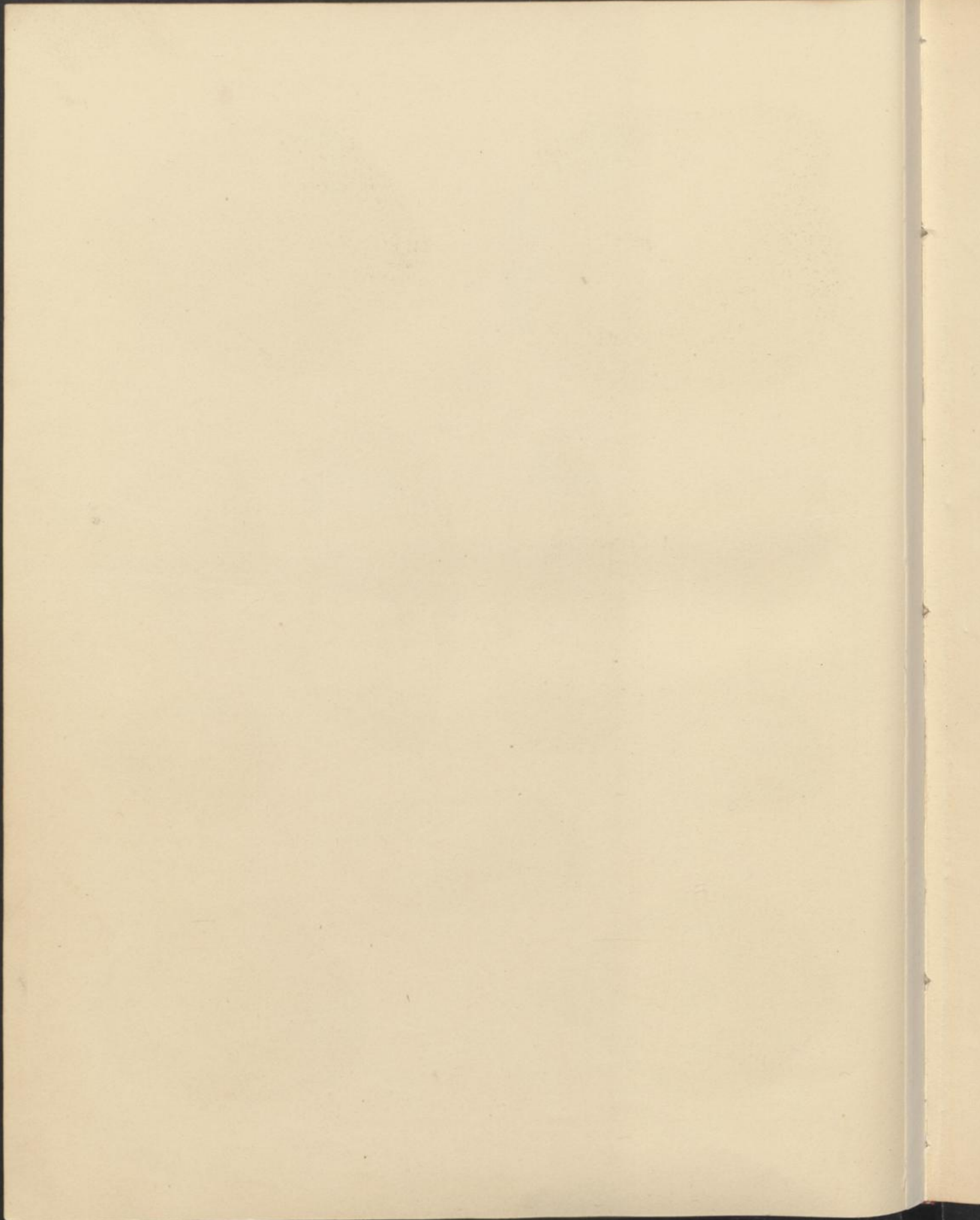
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(Ulman)

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Pleuromya!

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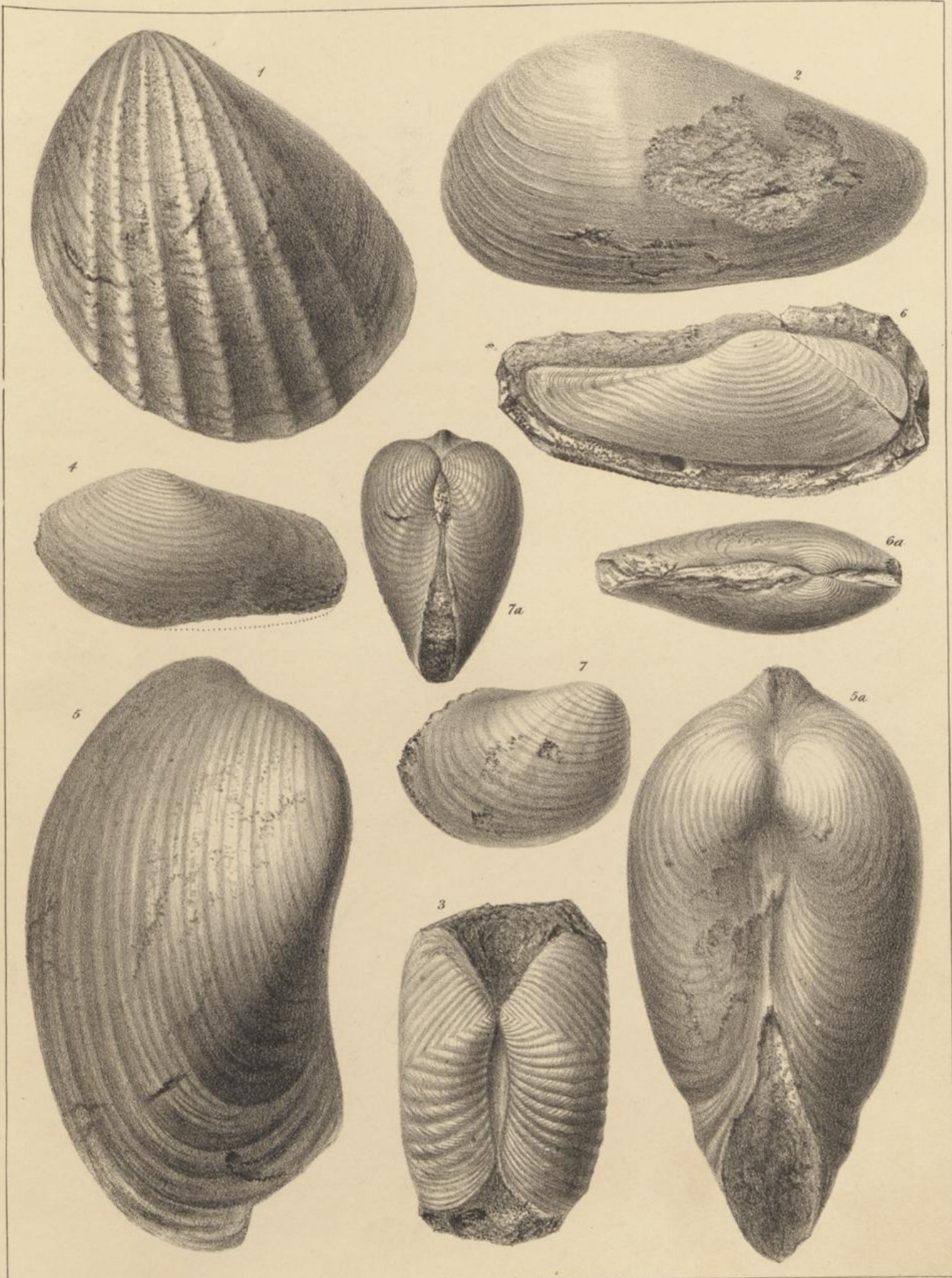
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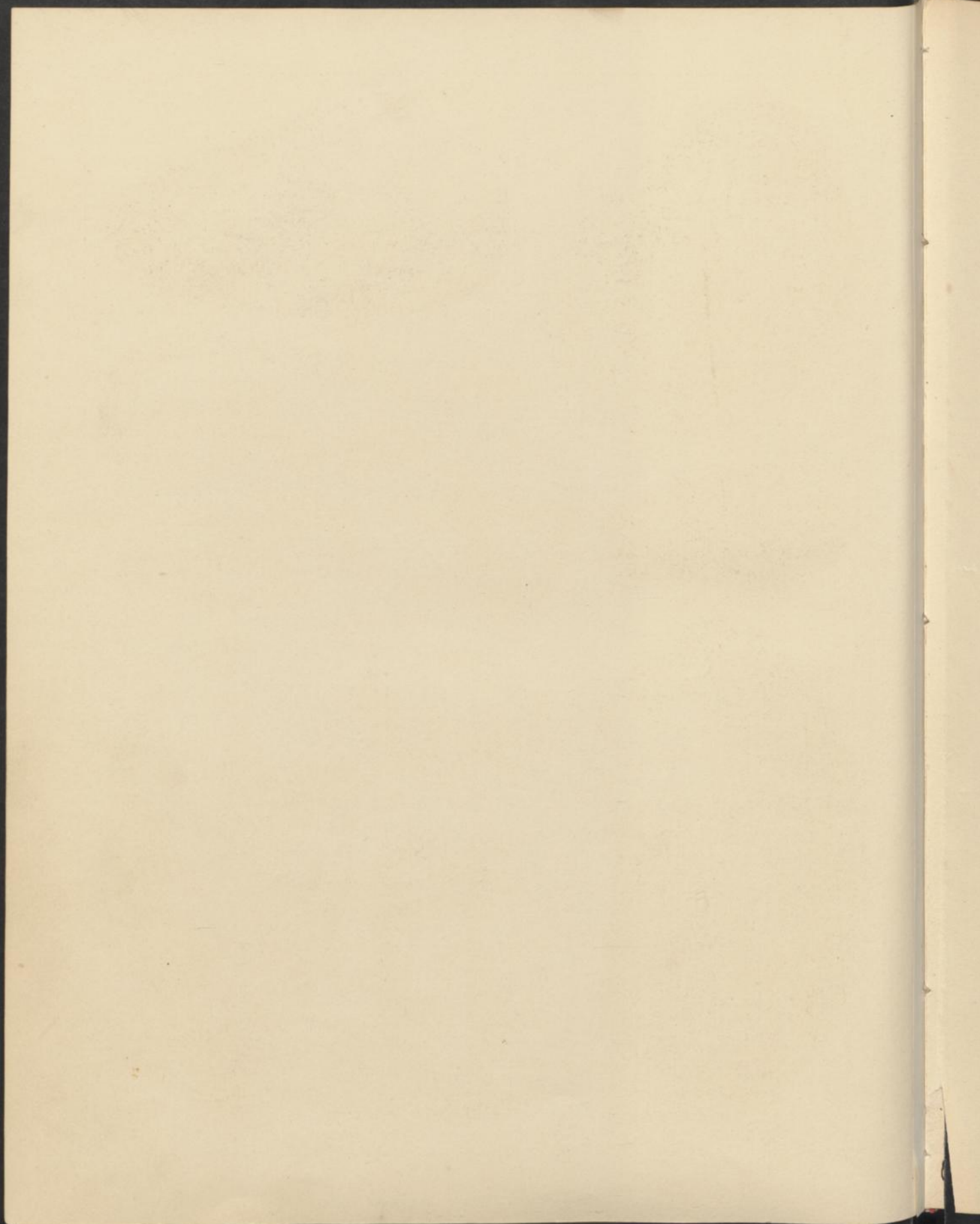
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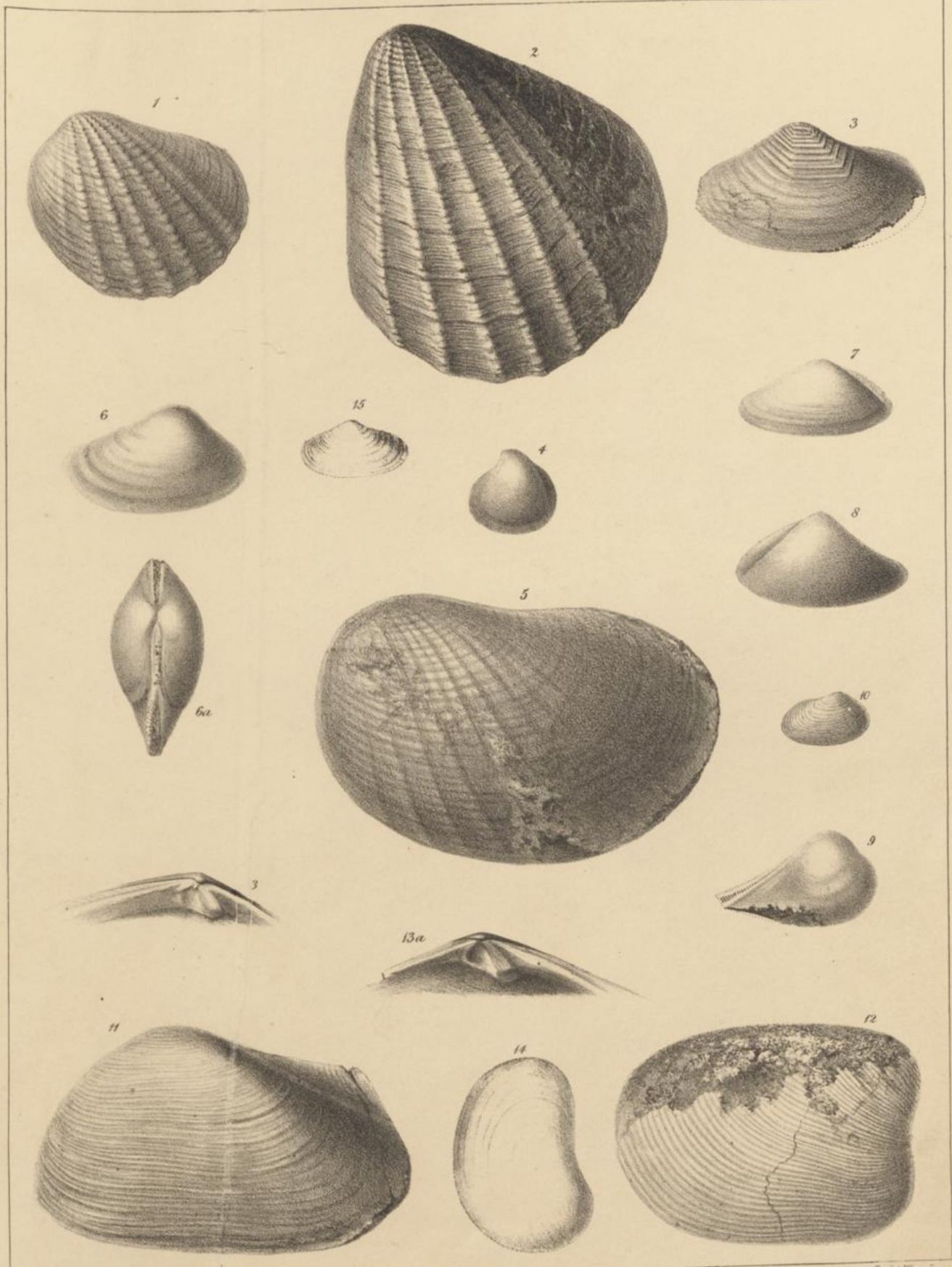
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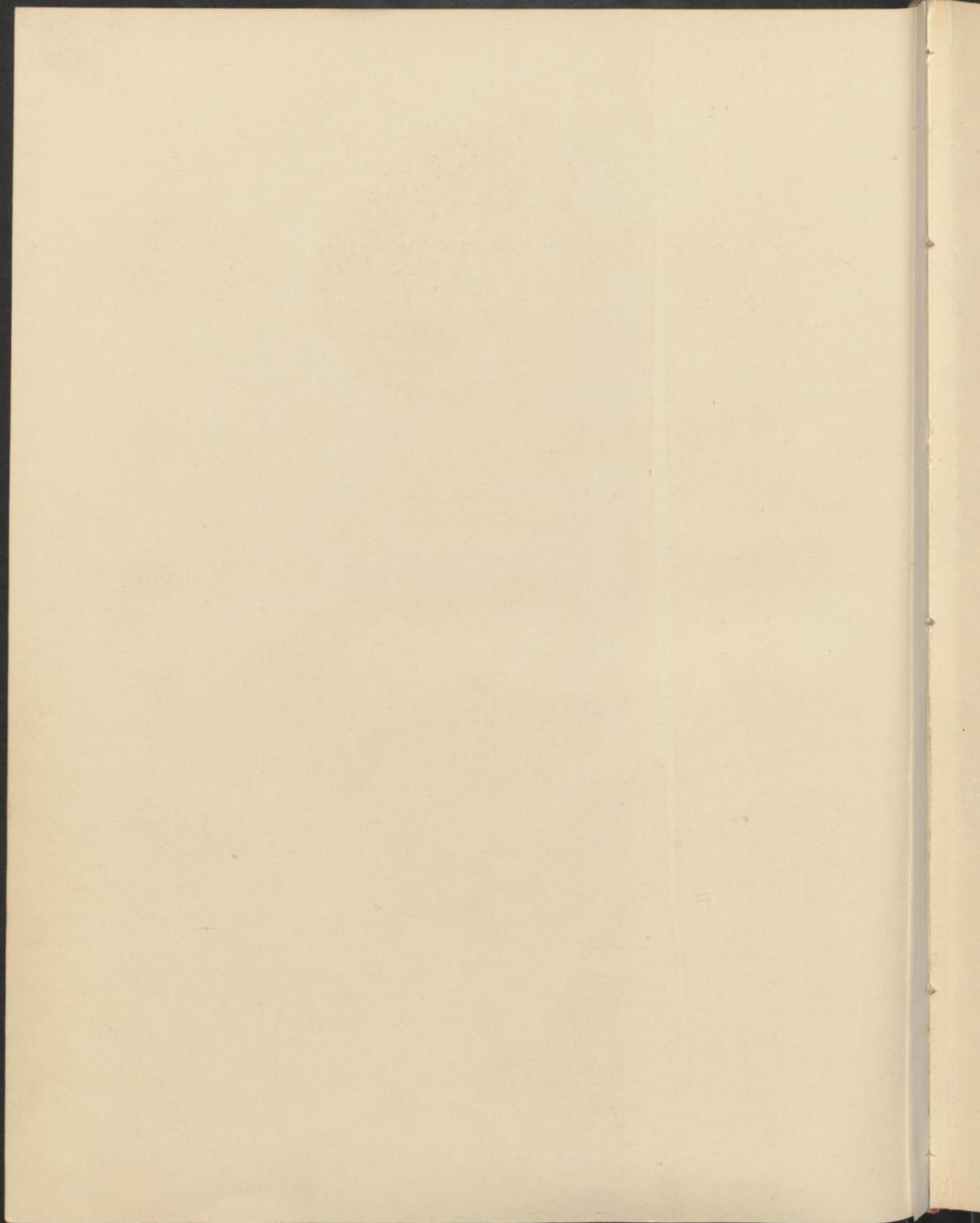
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sandy mud near the top
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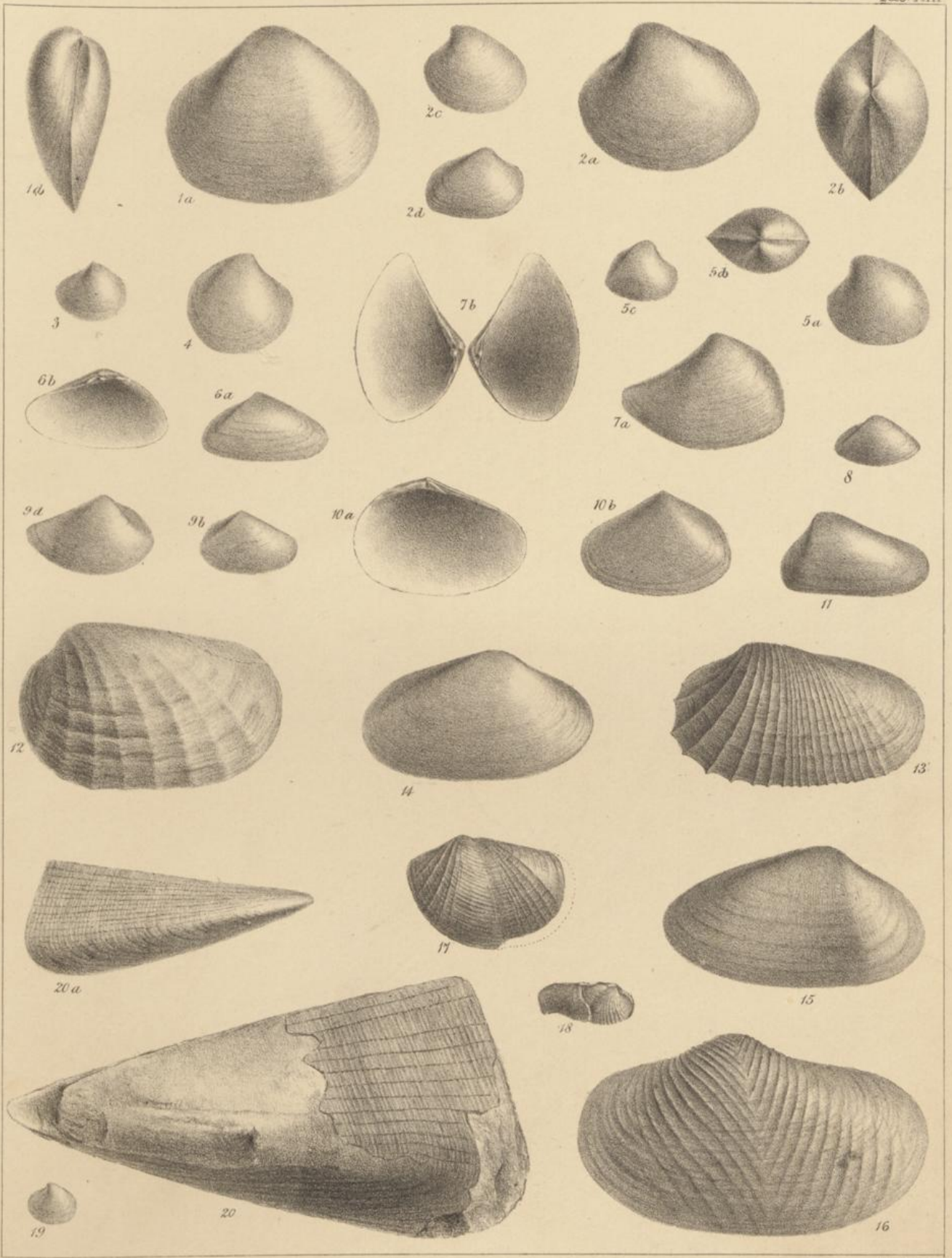
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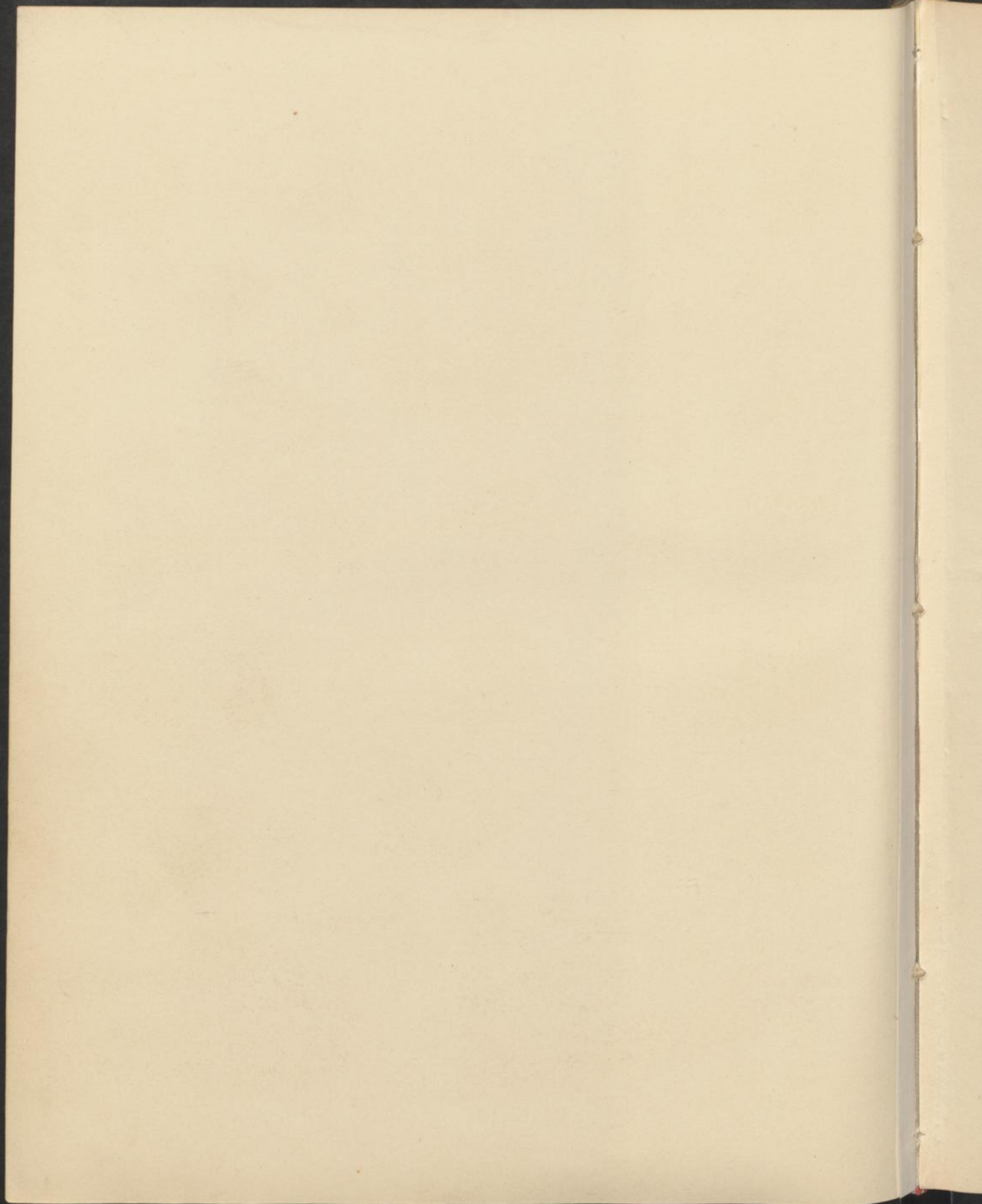
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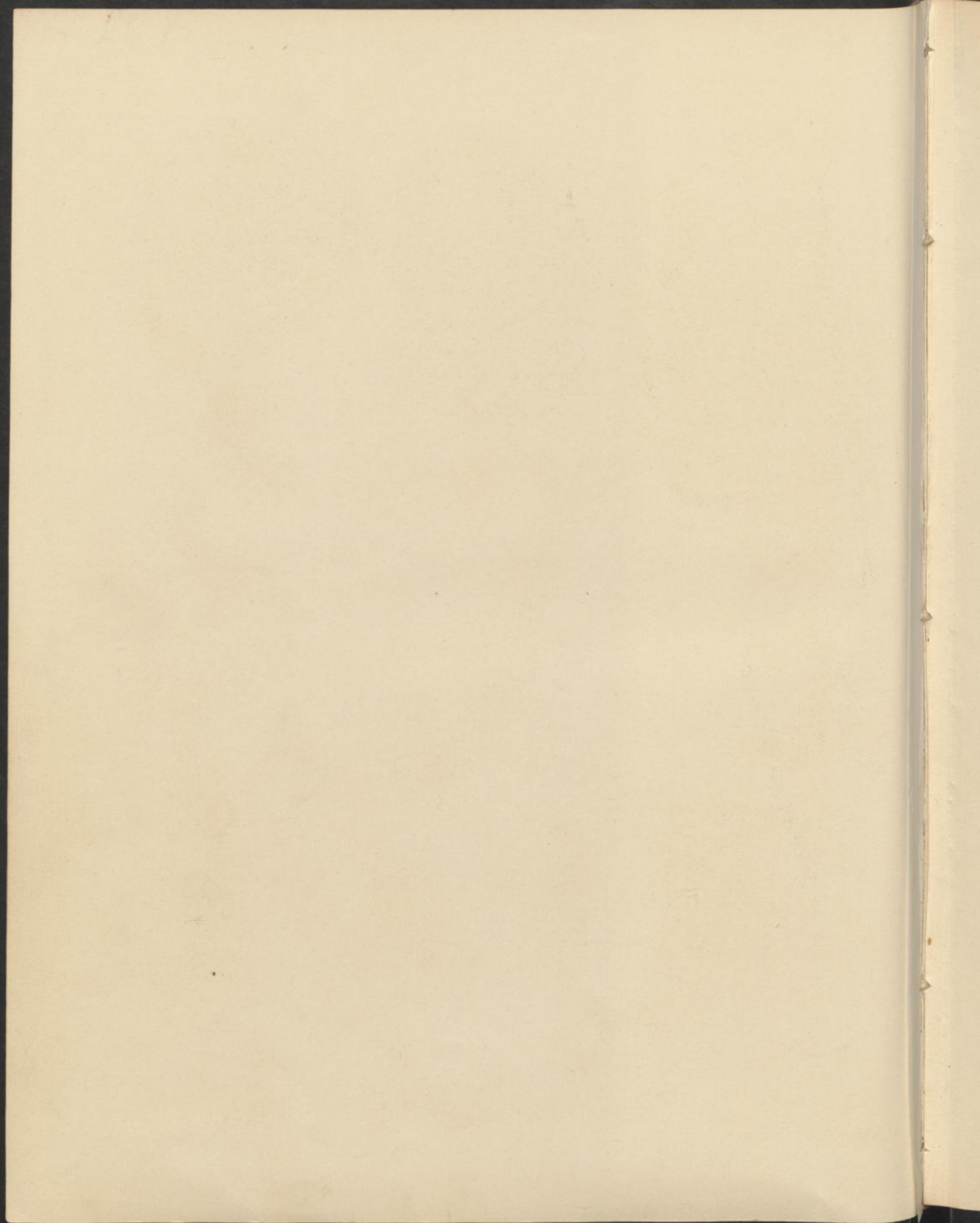
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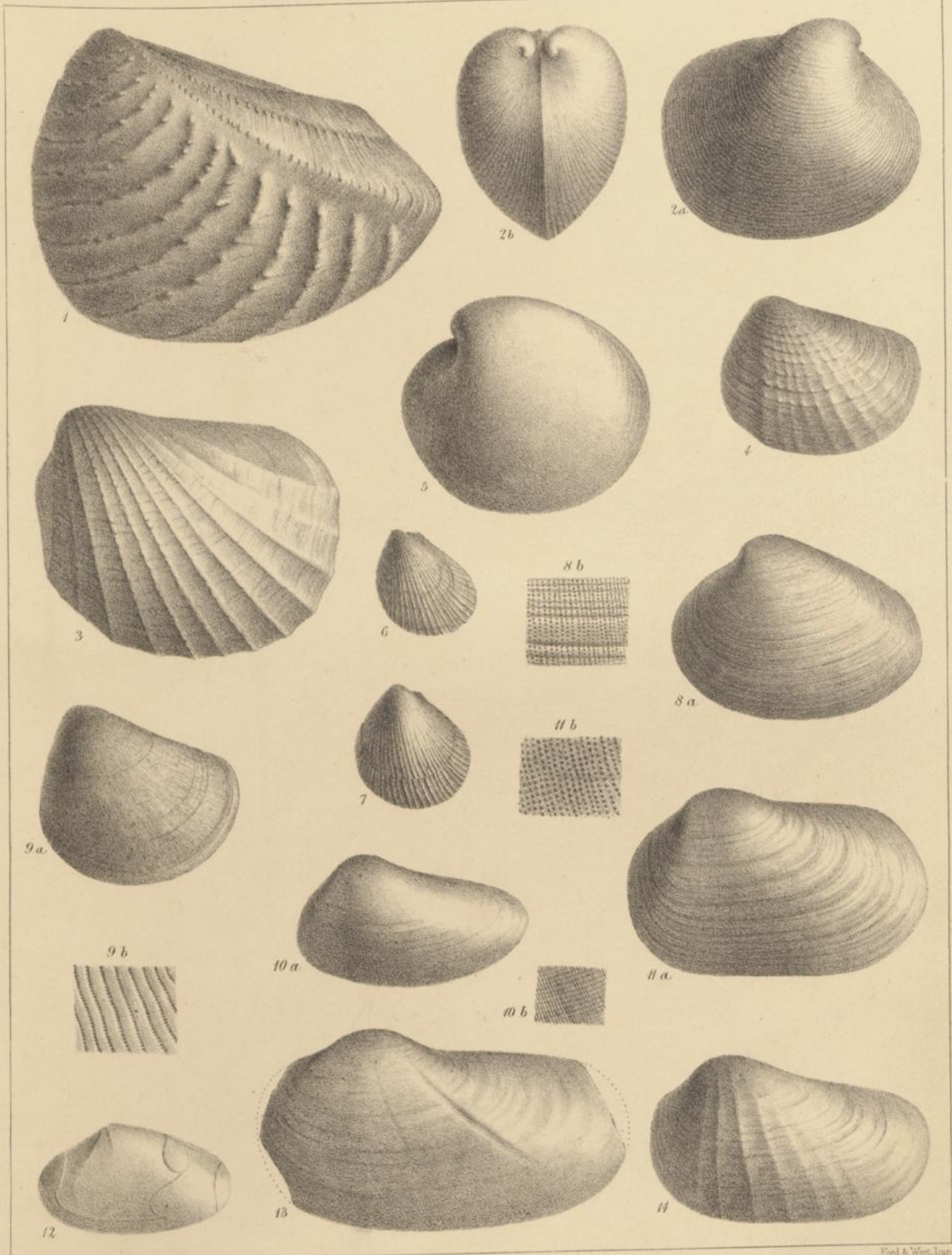
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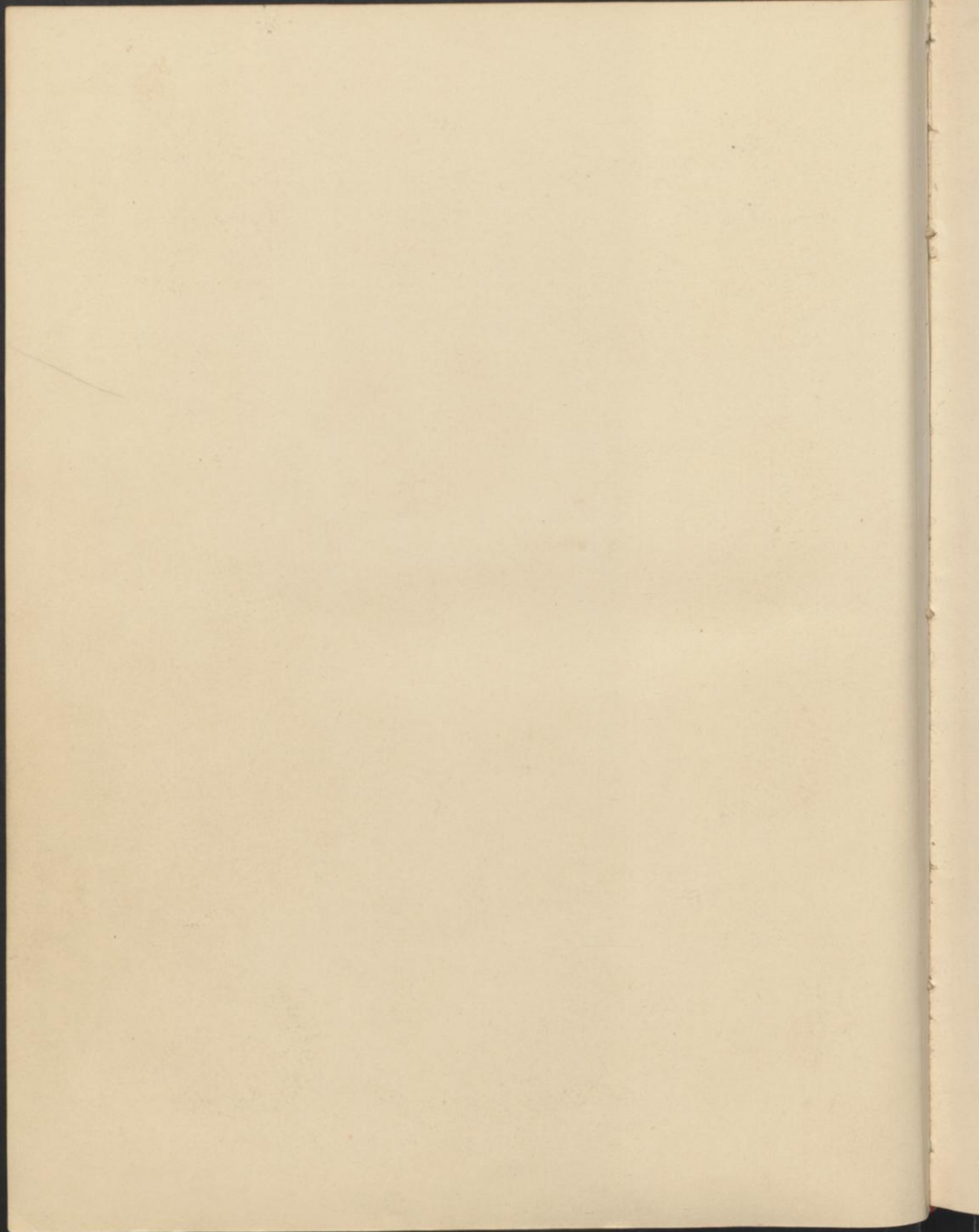


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