EXPLANATION OF PLATES.

The figures on Plate IV, fig. 2, Plate VI, figs. 1, 2, Plate VII, fig. 9, Plate XXI, figs. 1, 2, and Plate XXV, fig. 8, were drawn by Mr. J. H. Blake. Plate XV, figs. 9, 10, 11, were drawn by Mr. J. H. Emerton. The other figures are all camera-lucida drawings by Mr. A. H. Verrill.

PLATE LXXI.

Fig. 1. *Cardiomya glypta* Bush, p. 810. Dorsal view of type specimen No. 35362; × 10 diameters.

2. *Cuspidaria arctica* (M. Sars) Dall, p. 803. Interior of a left valve from station 70; × about 3. Broken outline restored by lines of growth.
3. *Cardiomya gemma* Verrill and Bush, p. 809. Dorsal view of specimen No. 41456; × 10.
4. The same. Interior of left valve of the same specimen; × about 13.
5. *Cuspidaria media* Verrill and Bush, p. 800. Dorsal view of specimen No. 49020; × 5.
6. The same. Interior of left valve of type specimen No. 49018; × 5.
7. *Cuspidaria fraterna* Verrill and Bush, p. 803. Dorsal view of specimen No. 48962; × 5.
8. The same. Interior of left valve of type specimen from station 892; × 5.
9. *Cuspidaria glacialis* (G. O. Sars) Dall, p. 800. Dorsal view of specimen No. 49023; × 5.

PLATE LXXII.

Fig. 1. *Cuspidaria undata* Verrill, p. 798. Hinge of both valves of specimen No. 52547; × about 3.

2. *Halonympha striatella* Verrill and Bush, p. 810. Hinge of a right valve from station 2655; × 25.
3. The same. Turned up to show anterior tooth; × 25.
4. *Myonera ruginosa* (Jeffreys) Verrill and Bush, p. 811. Hinge of right valve of specimen No. 52544; × about 16.
5. *Cuspidaria ventricosa* Verrill and Bush, p. 802. Hinge of a right valve No. 52548; × 5.
6. *Cuspidaria rostrata* (Spengler) Dall, p. 800. Hinge of both valves of specimen No. 49067; × 5.
7. *Cuspidaria turgida* Verrill and Bush, p. 799. Hinge of both valves of type specimen No. 78789; × about 6.

PLATE LXXIII.

Fig. 1. *Cuspidaria subtorta* (Sars), p. 806. Hinge of both valves of specimen No. 52545; × 9.

2. *Cardiomya perrostrata* Dall, p. 809. Hinge of both valves of specimen No. 48933; × 22.
3. *Cardiomya multicostata* Verrill and Smith, p. 808. Hinge of both valves of specimen No. 48947; × 4½.
4. *Cardiomya abyssicola* Verrill and Bush, p. 806. Hinge of two separate valves No. 78896; × 4½.
5. *Cuspidaria glacialis* (G. O. Sars) Dall, p. 800. Hinge of right valve of specimen No. 49011; × 4½.
6. *Cuspidaria media* Verrill and Bush, p. 800. Hinge of both valves of type specimen No. 49018; × 9.

PLATE LXXIV.

Fig. 1. *Cardiomya abyssicola* Verrill and Bush, p. 806. Exterior of right valve of a young specimen No. 78935; × 9.

2. *Myonera ruginosa* (Jeffreys) Verrill and Bush, p. 811. Exterior of right valve of specimen No. 52544; × about 8.

3. *Cardiomya perrostrata* Dall, p. 809. Interior of right valve of specimen No. 78933; × 9.

4. *Cuspidaria subtorta* (Sars), p. 806. Hinge of left valve of specimen No. 52545; × 9. Turned up to show posterior tooth.

5. The same. Interior of the same valve; × 4½.

6. *Cuspidaria formosa* Verrill and Bush, p. 803. Hinge of both valves of type specimen No. 78313; × 4½. The right valve is badly broken.

7. *Cuspidaria arctica* (M. Sars) Dall, p. 803. Hinge of a left valve from station 70; × 4½.

8. *Myonera limatula* Dall, p. 812. Dorsal view of specimen No. 38171; × 9.

9. *Cuspidaria parva* Verrill and Bush, p. 801. Hinge of both valves of type specimen from station 2203; × 30.

10. *Cuspidaria lamellosa* (M. Sars) Dall, p. 799. Hinge of both valves of specimen No. 51292; × 30. Resilium and ossicle are attached in the right valve.

11. *Cardiomya gemma* Verrill and Bush, p. 809. Hinge of both valves of type specimen No. 41456; × 22. Resilium and ossicle attached in the left valve.

PLATE LXXV.

Fig. 1. *Limopsis minuta* (Philippi), p. 846. Hinge of right valve of specimen No. 76320; × 9.

2. *Limopsis affinis* Verrill, p. 846. Hinge of right valve of specimen No. 44829; × 9.

3. *Limopsis aurita* (Brocchi), p. 846. Hinge of a right valve from station 2385; × about 11.

4. *Limopsis profundicola* Verrill and Bush, p. 847. Hinge of right valve of a young specimen No 52410; × 9.

5. *Limopsis plana* Verrill, p. 846. Hinge of right valve of specimen No. 35238; × 9.

6. *Cuspidaria fraterna* Verrill and Bush, p. 803. Hinge of both valves of type specimen from station 892; × 9.

7. *Cuspidaria obesa* (Lovén) Smith, p. 804. Hinge of right valve of specimen No. 48967; × 9.

8. *Cuspidaria pellucida* (Stimpson) Verrill and Bush, p. 805. Hinge of both valves of specimen No. 48977 from Grand Manan; × 22.

9. *Cuspidaria glacialis* (G. O. Sars) Dall, p. 800. Hinge of right valve of a fully grown specimen No. 49032 to show truncated end of tooth; × 4½.

PLATE LXXVI.

Fig. 1. *Poromya sublevis* Verrill, variety *microdonta* Dall, p. 813. End view of right valve of specimen No. 52533; × 3.

2. The same. Interior of the same; × 3.

3. *Cardiomya glypta* Bush, p. 810. Hinge of right valve of an adult specimen from station 2108; × 22.

4. *Myonera gigantea* Verrill, p. 811. Hinge of right valve of type specimen No. 35255; × 1½.

5. The same. Exterior of the same; × 1½.

6. *Cuspidaria ventricosa* Verrill and Bush, p. 802. Interior of a left valve No. 78783; × 3.

Fig. 7. *Cardiomya glypta* Bush, p. 810. Hinge of both valves of a young specimen No. 35362; × 22.

8. *Cuspidaria pellucida* (Stimpson) Verrill and Bush, p. 805. Interior of left valve of specimen No. 48977; × 12.

9. *Bathyarca abyssorum* Verrill and Bush, p. 843. Interior of left valve of specimen No. 78793; × 6.

PLATE LXXVII.

Fig. 1. *Macoma inflata* Dawson, p. 778. Hinge of both valves of specimen No. 52429; × 5½.

2. *Yoldiella lucida* (Lovén) Verrill and Bush, p. 861. Hinge of right valve of specimen No. 73173; × about 13.

3. *Yoldiella subangulata* Verrill and Bush, p. 865. Hinge of left valve of type specimen from station 46 *Bache*; × about 13.

4. *Cuspidaria turgida* Verrill and Bush, p. 799. Interior of left valve of type specimen No. 78789; × 4.

5. *Myonera* (?) *pretiosa* Verrill and Bush, p. 812. Exterior of a left valve from station 2655; × 10.

6. *Bathyarca pectunculoides* (Scacchi) Kobelt, variety *septentrionalis* Sars, p. 845. Hinge of left valve of specimen No. 74116; × 10.

7. *Cuspidaria parva* Verrill and Bush, p. 801. Interior of right valve of type specimen from station 2203; × about 26.

8. *Bathyarca anomala* Verrill and Bush, p. 844. Hinge of right valve of type specimen No. 74081; × 10.

9. *Cardiomya abyssicola* Verrill and Bush, p. 806. Exterior of left valve of specimen No. 52396; × 6½.

10. *Halonympha striatella* Verrill and Bush, p. 810. Exterior of a right valve from station 2655; × 10.

PLATE LXXVIII.

Fig. 1. *Tindaria callistiformis* Verrill and Bush, p. 881. Exterior of right valve of type specimen No. 52536; × 6.

2. *Bathyarca profundicola* (Verrill), p. 844. Interior of right valve of specimen No. 52174; × 6.

3. *Cuspidaria undata* Verrill, p. 798. Exterior of right valve of specimen No. 52547; × 2.

4. The same. Dorsal view of the same specimen.

5. *Microyoldia regularis* (Verrill), p. 860. Exterior of left valve of type specimen No. 38420; × 20.

6. The same. Interior of right valve of the same specimen.

7. *Limopsis minuta* (Philippi), p. 846. Interior of right valve of specimen No. 76320; × 4.

8. *Yoldiella dissimilis* Verrill and Bush, p. 872. Exterior of left valve of type specimen No. 38416; × 15.

PLATE LXXIX.

Fig. 1. *Periploma undulata* Verrill, p. 823. Hinge of left valve of type specimen No. 44840; × 7½.

2. *Yoldiella minuscula* Verrill and Bush, p. 870. Exterior of right valve of specimen No. 38415; × 12.

3. *Yoldiella inconspicua* Verrill and Bush, p. 869. Exterior of right valve of a specimen from station 947; × 9.

4. *Yoldiella frigida* (Torell), p. 872. Interior of left valve of a specimen from station 943; × 16.

Fig. 5. *Yoldiella inconspicua* Verrill and Bush, p. 869. Interior of left valve of a specimen from station 947; × 15.

6. *Yoldiella subangulata* Verrill and Bush, p. 865. Exterior of right valve of type specimen from station 46 *Bache*; × 7½.

7. *Yoldiella minuscula* Verrill and Bush, p. 870. Interior of left valve of specimen No. 38415; × 22.

8. *Leda bushiana* Verrill and Smith, p. 854. Exterior of right valve of type specimen No. 35729; × about 3.

9. *Cuspidaria formosa* Verrill and Bush, p. 803. Interior of left valve of type specimen No. 78313; × 3.

10. *Martesiella fragilis* Verrill and Bush, p. 777. Exterior of right valve of a specimen from near station 2566; × 6.

PLATE LXXX.

Fig. 1. *Yoldiella iris* Verrill and Bush, variety *stricta* Verrill and Bush, p. 864. Exterior of right valve of type specimen No. 74325; × about 13.

2. *Yoldiella iris* Verrill and Bush, p. 863. Interior of a left valve from station 895; × 11.

3. *Yoldiella lucida* (Lovén) Verrill and Bush, p. 861. Exterior of left valve of specimen No. 73173; × about 6½.

4. *Adranella casta* Verrill and Bush, p. 858. Interior of a left valve from station 2150; × 11.

5. *Yoldiella fraterna* Verrill and Bush, p. 867. Exterior of left valve of type specimen from station 947; × about 13.

6. *Tindaria callistiformis* Verrill and Bush, p. 881. Hinge of right valve of type specimen No. 52536; × 8.

7. The same. Turned up to show shape of teeth.

8. *Yoldiella inflata* Verrill and Bush, p. 864. Exterior of left valve of type specimen No. 38417; × about 5½.

9. *Yoldiella lenticula* (Möller) variety *amblia* Verrill and Bush, p. 866. Exterior of left valve of a specimen from station 186; × 10.

10. *Neilonella subovata* Verrill and Bush, p. 878. Exterior of left valve of specimen No. 34826; × 11.

PLATE LXXXI.

Fig. 1. *Ledella parva* Verrill and Bush, p. 857. Interior of a right valve No. 78365; × 25.

2. *Nucula granulosa* Verrill, p. 853. Hinge of right valve of type specimen No. 38451; × about 16.

3. *Nucula cancellata* Jeffreys, p. 854. Hinge of right valve of specimen No. 45795; × about 13.

4. *Yoldiella lenticula* (Möller) variety *amblia* Verrill and Bush, p. 866. Interior of a right valve from station 186; × 12.

5. *Yoldiella jeffreysi* (Hidalgo), p. 866. Interior of right valve of specimen No. 78958; × about 13.

6. *Nucula proxima* Say (?) variety *ovata* Verrill and Bush, p. 852. Hinge of right valve of specimen No. 73467; × about 16.

7. *Ledella messanensis* (Seguenza) variety *sublevis* Verrill and Bush, p. 856. Hinge of left valve of specimen No. 35212; × about 16.

8. *Nucula subovata* Verrill and Bush, p. 852. Interior of left valve of type specimen No. 40474; × about 13. Showing resilium attached to pit.

9. *Ledella messanensis* (Seguenza), p. 856. Hinge of left valve of specimen No. 52156; × about 16.

PLATE LXXXII.

Fig. 1. *Leda caudata* (Donovan), p. 855. Interior of right valve of specimen No. 38205; × about 5½.
2. *Leda pernula* (Müller), p. 855. Hinge of right valve of specimen No. 73077; × about 5½.
3. *Neilonella subovata* Verrill and Bush, p. 878. Hinge of left valve of specimen No. 34326; × about 10.
4. The same. Turned up to show shape of teeth.
5. *Yoldiella inflata* Verrill and Bush, p. 864. Hinge of a left valve No. 35575; × about 10. Turned up to show shape of teeth.
6. The same. Front view.
7. *Yoldiella dissimilis* Verrill and Bush, p. 872. Hinge of a left valve No. 38416; × 20.
8. *Yoldiella fraterna* Verrill and Bush, p. 867. Hinge of right valve of type specimen from station 947; × 20.
9. *Leda bushiana* Verrill, p. 854. Hinge of both valves of type specimen No. 35729; × about 6½.
10. *Malletia polita* Verrill and Bush, p. 876. Hinge of a left valve No. 78792; × about 6½. Some of the teeth are broken away just behind the beak.
11. *Yoldiella iris* Verrill and Bush, p. 863. Hinge of left valve of a young specimen; × 20.

PLATE LXXXIII.

Fig. 1. *Crenella fragilis* Verrill, p. 847. Interior of right valve of type specimen No. No. 41543; × about 3.
2. The same. Hinge of another larger, imperfect specimen No. 40676; × about 3.
3. *Yoldiella jeffreysi* (Hidalgo), p. 866. Exterior of a left valve No. 78958; × about 13.
4. *Limopsis profundicola* Verrill and Bush, p. 847. Interior of a right valve of a young specimen No. 38143; × about 3.
5. *Nucula subovata* Verrill and Bush, p. 852. Exterior of left valve of type specimen No. 40476; × about 13.
6. *Abra longicallis* (Scacchi) variety *americana* Verrill and Bush, p. 778. Interior of right valve of specimen No. 52170; × about 3.
7. The same. Hinge of both valves of the same specimen; × about 8.

PLATE LXXXIV.

Figs. 1 and 2. *Chlamys benedicti* Verrill and Bush, p. 834. Exterior of both valves of a young specimen found among Foraminifera; × 20.

PLATE LXXXV.

Fig. 1. *Cyclopecten leptaleus* Verrill, p. 839. Portion of upper or left valve of type specimen No. 38413 to show character of sculpture; × 10.
2. *Cyclopecten nanus* Verrill and Bush, p. 837. Exterior of lower or right valve of a young specimen from station 2265; × 5.
3. The same. Exterior of left valve of a larger specimen from the same station; × 5.
4. The same. Hinge of the same valve; × 13.
5. *Cyclopecten pustulosus* Verrill, p. 839. Portion of left valve of specimen No. 48765 to show character of sculpture; × 10.
6. The same. Piece of a left valve of another specimen No. 48761 to show variation in form of pustules; × about 13.
7. *Camptonectes grœnlandica* (Sowerby) Verrill, p. 837. Exterior of right valve of specimen No. 78387; × 5.

Fig. 8. *Cyclopecten subimbrifer* Verrill and Bush, p. 840. Portion of left valve of specimen No. 48762 to show character of sculpture; × 10;

9. The same. Exterior of left valve of specimen No. 48766 from off Nova Scotia, in 190 fathoms; × 3.

10. *Cyclopecten pustulosus* Verrill, p. 839. Exterior of left valve of type specimen No. 48764; × 3.

11. The same. Exterior of right valve of another specimen; × 3.

PLATE LXXXVI.

Fig. 1. *Solemya grandis* Verrill and Bush, p. 885. Exterior of left valve of type specimen No. 51345; × 1½.

2. The same. Interior of right valve of an imperfect specimen No. 40103; × 1½. Epidermal fringe restored from other specimen.

3. *Cryptodon* (*Axinulus*) *pygmæus* Verrill and Bush, p. 792. Exterior of left valve of specimen No. 78368 from station 2697; × 22.

4. The same. Interior of right valve of a smaller specimen from the same station; × 22.

5. *Nucula cancellata* Jeffreys, p. 854. Exterior of left valve of specimen No. 45795; × 12.

6. *Chlamys costellata* Verrill and Bush, p. 835. Exterior of right valve of type specimen No. 52471; × 9.

PLATE LXXXVII.

Fig. 1. *Poromya sublevis* Verrill, variety *microdonta* Dall, p. 813. Hinge of a left valve No. 78799; × 5.

2. *Verticordia granulifera* (Verrill) Dall, p. 816. Interior of a left valve (type specimen) No. 44838; × 4.

3. *Lyonsiella subquadrata* (Jeffreys), p. 817. Interior of a left valve No. 78800; × 10.

4. *Periploma affinis* Verrill and Bush, p. 822. Exterior of right valve of type specimen from station 873; × 4.

5. *Periploma undulata* Verrill, p. 823. Exterior of left valve of type specimen No. 44840; × 4.

6. *Propeamusium thalassinum* (Dall) Verrill, p. 841. Exterior of upper or left valve of a specimen from station 949; × 16.

7. *Cryptodon* (*Axinulus*) *ferruginosus* (Forbes), p. 793. Interior of right valve of specimen No. 34860; × 12.

8. The same. Interior of left valve of the same specimen.

PLATE LXXXVIII.

Fig. 1. *Cryptodon croulinensis* (Jeffreys) Smith, variety *altus* Verrill and Bush, p. 787. Exterior of a left valve from Eastport, Maine, 1870; × about 8.

2. The same. Interior of a right valve from the same locality; × about 8.

3. *Cryptodon planus* Verrill and Bush, p. 788. Interior of left valve of type specimen from station 254; × 14.

4. The same. Exterior of right valve of the same specimen.

5. *Nucula proxima* Say (?) variety *ovata* Verrill and Bush, p. 852. Exterior of left valve of specimen No. 73467; × about 12.

6. *Macoma inflata* Dawson, p. 778. Exterior of left valve of specimen No. 52427; × 3.

7. *Kennerlia brevis* Verrill and Bush, p. 821. *a*, Exterior of left valve of specimen No. 40232; *b*, interior of right valve of another specimen No. 45884; × 4.

8. *Nucula granulosa* Verrill, p. 853. Exterior of left valve of type specimen No. 38451; × about 26.

PLATE LXXXIX.

Fig. 1. *Cryptodon obsoletus* Verrill and Bush, p. 789. Exterior of right valve of a specimen from station 949; × about 20.
2. The same. Interior of left valve of the same specimen.
3. *Leptaxinus minutus* Verrill and Bush, p. 797. Hinge of left valve of type specimen No. 45686; × 45.
4. The same. Hinge of right valve of the same specimen.
5. The same. Interior of the same valve; × 30.
6. *Cryptodon plicatus* Verrill, p. 786. Interior of left valve of a young specimen No. 44826; × 9.
7. *Cryptodon* (*Axinulus*) *brevis* Verrill and Bush, p. 790. Exterior of left valve of type specimen from station 2208; × about 22.
8. The same. Interior of right valve of the same specimen.

PLATE XC.

Fig. 1. *Cryptodon* (*Axinulus*) *inequalis* Verrill and Bush, p. 791. Exterior of right valve of type specimen from stations 98–99; × about 10.
2. The same. Interior of left valve of the same specimen.
3. *Cryptodon croulinensis* (Jeffreys) Smith, p. 786. Interior of left valve of a specimen from stations 62–65; × about 13.
4. The same. Exterior of right valve of the same specimen.
5. *Axinodon ellipticus* Verrill and Bush, p. 796. Exterior of right valve of type specimen No. 35175; × about 13.
6. The same. Interior of left valve of the same specimen.
7. *Tellimya ferruginosa* (Montagu), p. 783. Interior of left valve of specimen No. 49588; × 20. *a*, Cartilage.
8. The same. Interior of right valve of the same specimen.

PLATE XCI.

Fig. 1. *Cryptodon insignis* Verrill and Bush, p. 785. Interior of a left valve No. 52733 from station 2499; × about 1½.
2. The same. Exterior of a left valve from the same station; × about 1½.
3. *Montacuta triquetra* Verrill and Bush, p. 782. Interior of right valve of type specimen from station 2307; × 24.
4. *Montacuta cuneata* Verrill and Bush, p. 782. Exterior of right valve of a specimen from station 2278; × 17.
5. *Cryptodon equalis* Verrill and Bush, p. 788. Hinge of both valves of a specimen from station 18 *Bache;* × about 5.
6. The same. Exterior of left valve of specimen No. 74302; × about 5.
7. *Cryptodon* (*Axinulus*) *ovatus* Verrill and Bush, p. 793. Interior of left valve of type specimen from station 949; × 35.
8. *Kelliella nitida* Verrill, p. 778. Interior of left valve of specimen No. 37971; × 14.

PLATE XCII.

Fig. 1. *Axinodon ellipticus* Verrill and Bush, p. 796. Hinge of left valve of type specimen No. 35175; × about 26½.
2. *Limopsis sulcata* Verrill and Bush, p. 845. Interior of a right valve from station 2199; × 4.
3. *Cryptodon* (*Axinulus*) *simplex* Verrill and Bush, p. 791. Hinge of right valve of type specimen from station 1093; × about 13.
4. The same. Interior of left valve of the same specimen.
5. *Axinopsis orbiculata* Sars, variety *inequalis* Verrill and Bush, p. 794. Interior of left valve of type specimen from Eastport, Maine, 1872; × about 13.

Fig. 6. The same. Hinge of both valves of the same specimen; × about 26.
7. *Montacuta bidentata* (Montagu) variety *tenuis* Verrill and Bush, p. 779. Interior of a right valve from station 2277; × about 13.
8. *Montacuta bidentata* (Montagu) variety *fragilis* Verrill and Bush, p. 780. Interior of a right valve No. 46134; × 17.
9. *Montacuta ovata* Jeffreys, p. 781. Interior of a right valve No. 46136; × 20.
10. The same. Interior of a left valve No. 46137; × 20.

PLATE XCIII.

Fig. 1. *Cryptodon* (*Axinulus*) *ovatus* Verrill and Bush, p. 793. Hinge of both valves of type specimen from station 949; × 45.
2. *Kelliopsis elevata* (Stimpson) Verrill and Bush, p. 784. Hinge of a right valve No. 74333 from Naushon; × 30. *a*, Resilium and ossicle.
3. The same. Hinge of another right valve from the same station, to show variation; × 30.
4. The same. Hinge of both valves of another specimen from the same station; × 30.
5. *Montacuta cuneata* Verrill and Bush, p. 782. Hinge of both valves from station 2278; × 30.
6. *Montacuta tumidula* Jeffreys, p. 781. Hinge of a left valve No. 35412; × 30. *a*, Resilium and ossicle.
7. *Montacuta bidentata* (Montagu), p. 779. Hinge of a right valve No. 74328 from Naushon; × 30.
8. The same. Hinge of both valves of a smaller specimen from the same station; × 30.
9. *Montacuta striatula* Verrill and Bush, p. 780. Hinge of a left valve from station 2276; × 30. Hinge of a right valve from station 2273; × 30.
10. *Kelliella nitida* Verrill, p. 778. Hinge of both valves of specimen No. 37971; × 12. Right valve turned down, left turned up

PLATE XCIV.

Fig. 1. *Montacuta tumidula* Jeffreys, p. 781. Interior of a left valve No. 35412 from station 2103; × 20. *a*, Resilium and ossicle.
2. The same. Interior of a right valve from the same station; × 20.
3. *Kellia suborbicularis* (Montagu), p. 779. Interior of left valve of a specimen from off Salem, Massachusetts, 1877; × 10.
4. The same. Interior of right valve of the same specimen.
5. *Montacuta casta* Verrill and Bush, p. 781. Exterior of a left valve from station 2283; × 20.
6. *Montacuta bidentata* (Montagu), p. 779. Interior of a right valve No. 74328; × about 13.
7. *Kelliopsis elevata* (Stimpson) Verrill and Bush, p. 784. Interior of a right valve No. 74333 from Naushon; × about 13. *a*, Resilium and ossicle.
8. The same. Exterior of a left valve from the same station; × about 13.

PLATE XCV.

Fig. 1. *Lyonsia granulifera* Verrill and Bush, p. 818. Exterior of a left valve (type specimen) No. 52561; × about 2½.
2. *Verticordia granulifera* (Verrill) Dall, p. 816. Hinge of a left valve (type specimen) No. 44838; × 8.
3. The same. Hinge of both valves of a fully grown specimen No. 78679; × 4. Turned up to show ossicle, *a*.
4. The same. Hinge of a right valve of another specimen No. 78929; × 6½.

Fig. 5. *Clidiophora inornata* Verrill and Bush, p. 819. Hinge of both valves of specimen No. 49760 from station 327; × about 2½.

6. The same. Exterior of a left valve of a specimen from the same station; × about 2½.

7. *Lyonsiella cordata* Verrill and Bush, p. 818. Hinge of left valve of type specimen No. 52540; × 8. *a*, Ossicle; *b*, ligament.

8. The same. Exterior of right valve of the same specimen; × about 4.

9. *Limopsis sulcata* Verrill and Bush, p. 845. Hinge of a right valve from station 2199; × about 10½.

10. *Nucula verrillii* Dall, p. 853. Hinge of left valve of specimen No. 45752; × about 26.

PLATE XCVI.

Fig. 1. *Limopsis sulcata* Verrill and Bush, p. 845. Exterior of a right valve from station 2199; × 16.

2. *Choristodon* (?) *cancellatus* Verrill, p. 778. Hinge of a left valve (type specimen) No. 44839; × 16.

3. The same. Exterior of the same valve; × 6.

PLATE XCVII.

Fig. 1. *Glomus nitens* Jeffreys, p. 848. Interior of left valve of specimen No. 78784; × 12.

2. The same. Hinge of the same; × 20.

3. *Yoldiella expansa* (Jeffreys), p. 871. Interior of right valve of specimen No. 78363; × 16.

4. *Malletia obtusa* (M. Sars) Mörch, p. 874. Interior of left valve of a very young specimen from station 2706; × 20.

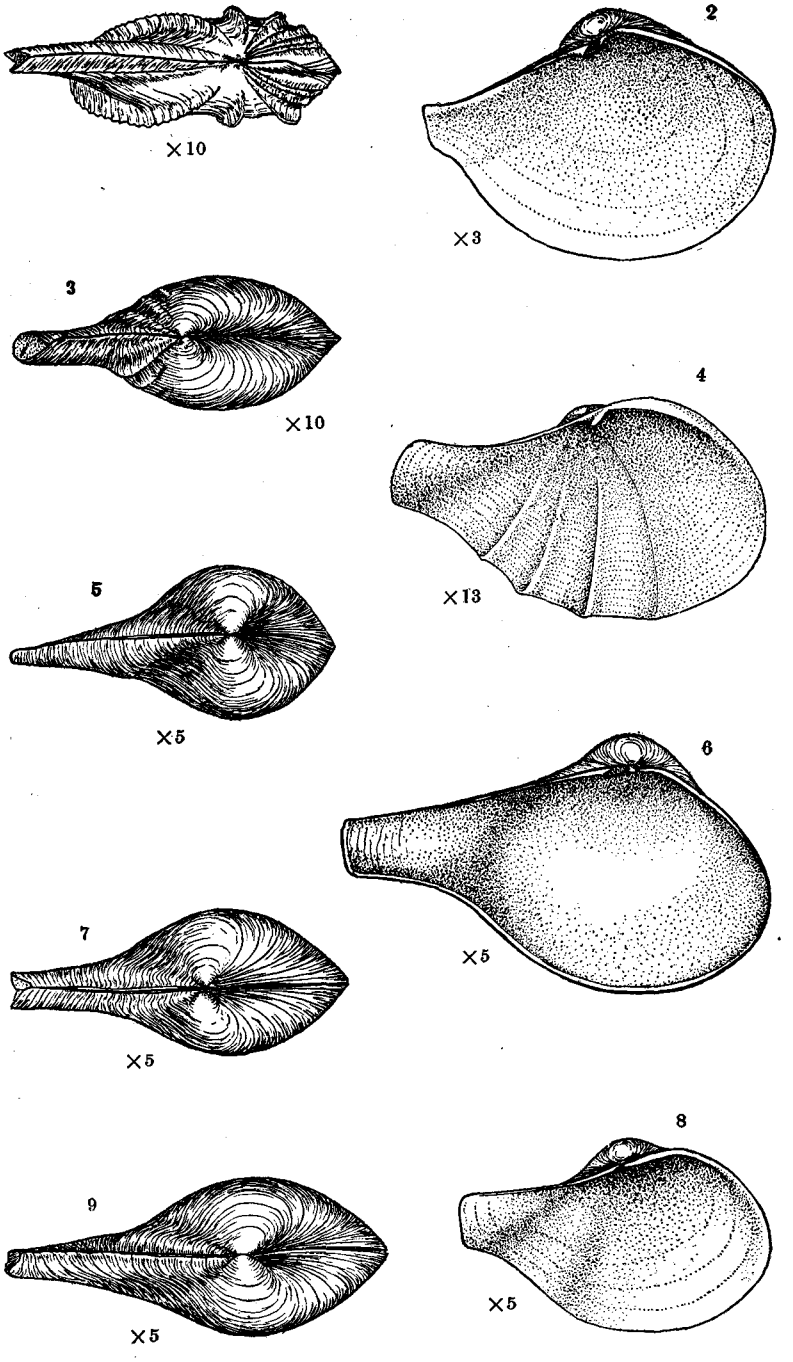
5. *Axinopsis cordata* Verrill and Bush, p. 795. Interior of a left valve from station 2307; × 16.

6. The same. Interior of a right valve from station 1092; × 16.

7. *Malletia abyssorum* Verrill and Bush, p. 875. Interior of right valve of type specimen No. 52159; × 12.

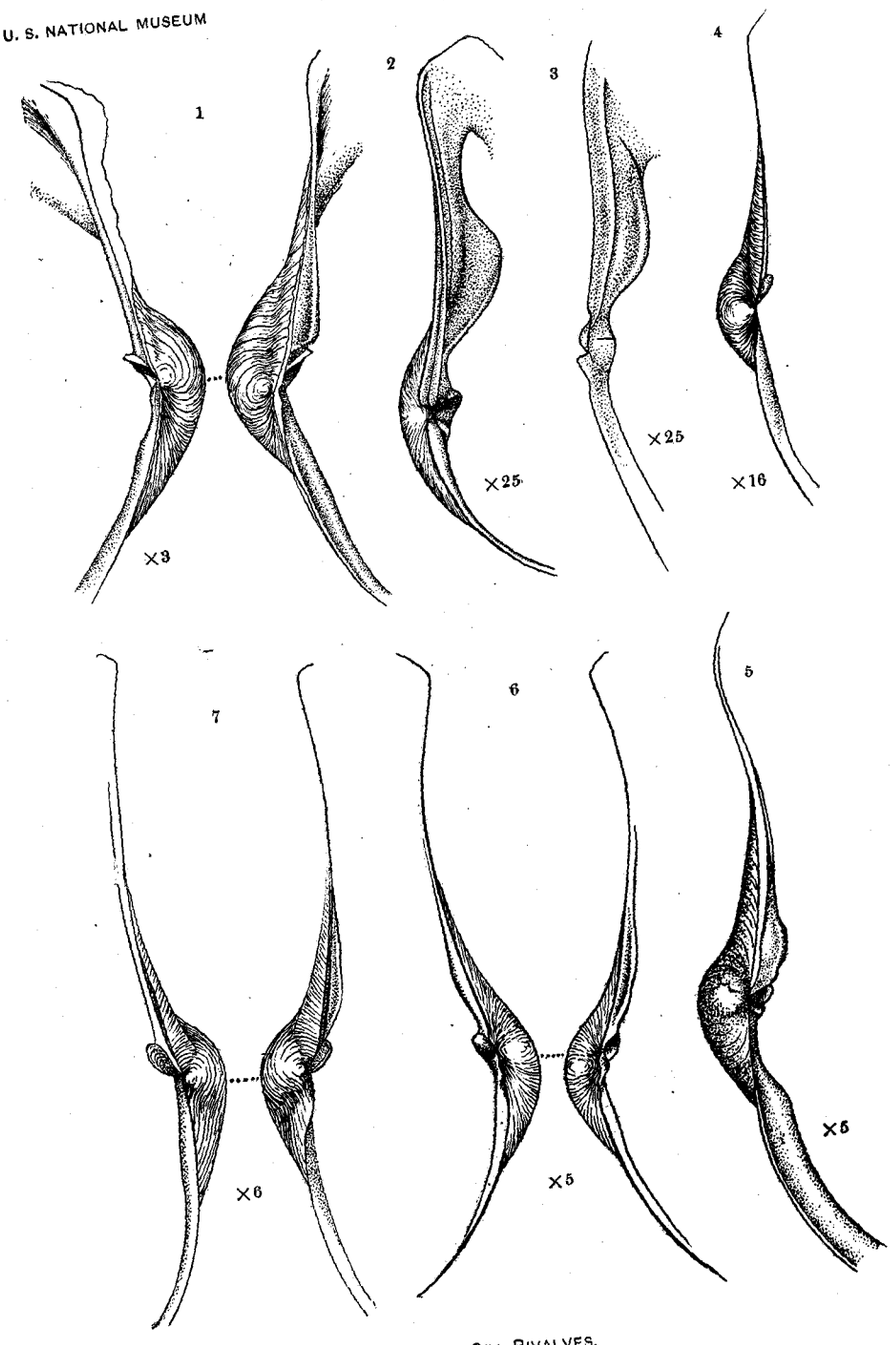
8. *Yoldiella curta* Verrill and Bush, p. 868. Interior of right valve of type specimen No. 38457; × 20.

9. *Hyalopecten dilectus* Verrill and Bush, p. 836. A portion of the exterior of both valves of type specimen No. 52539; × 8.



DEEP SEA BIVALVES.

FOR EXPLANATION OF PLATE SEE PAGE 888.



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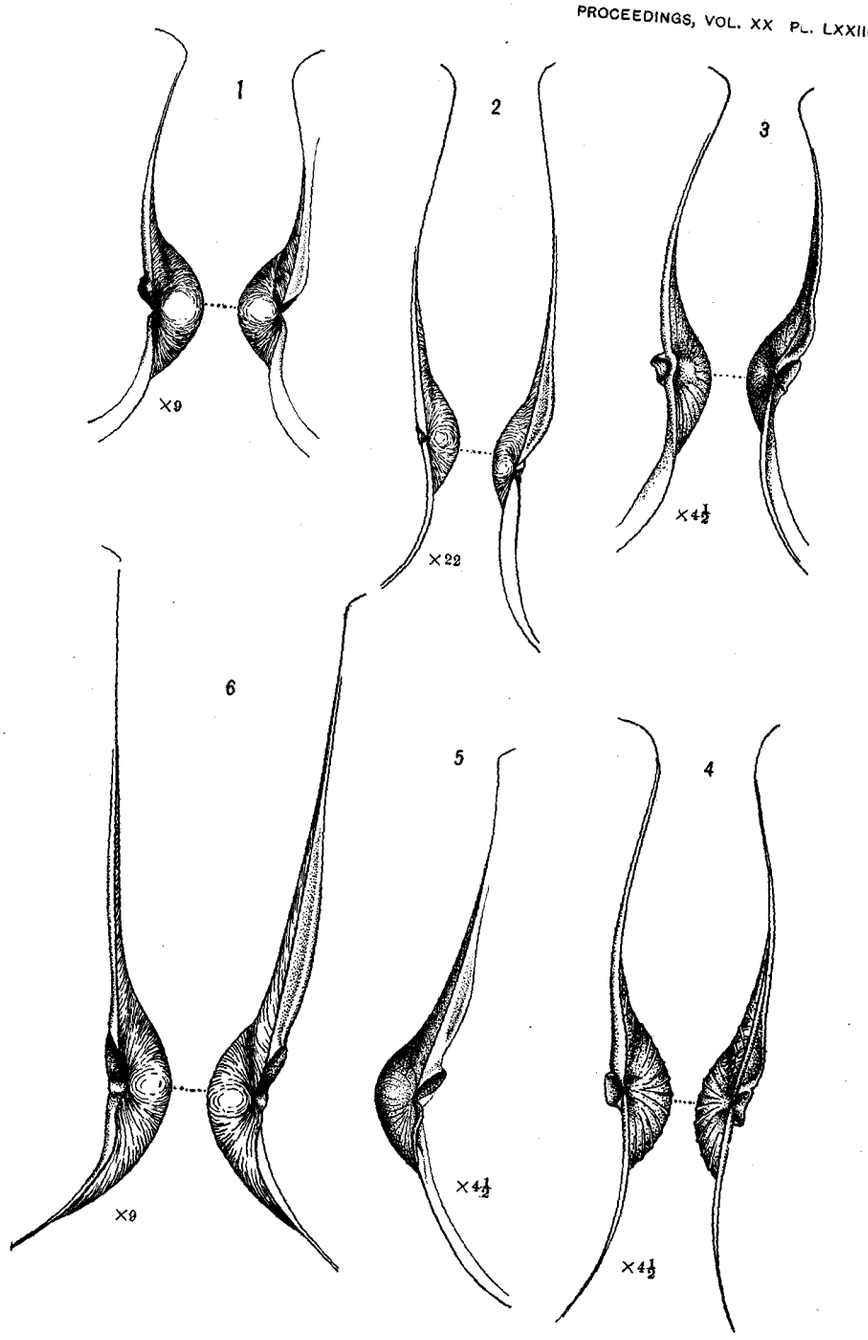
FOR EXPLANATION OF PLATE SEE PAGE 888.



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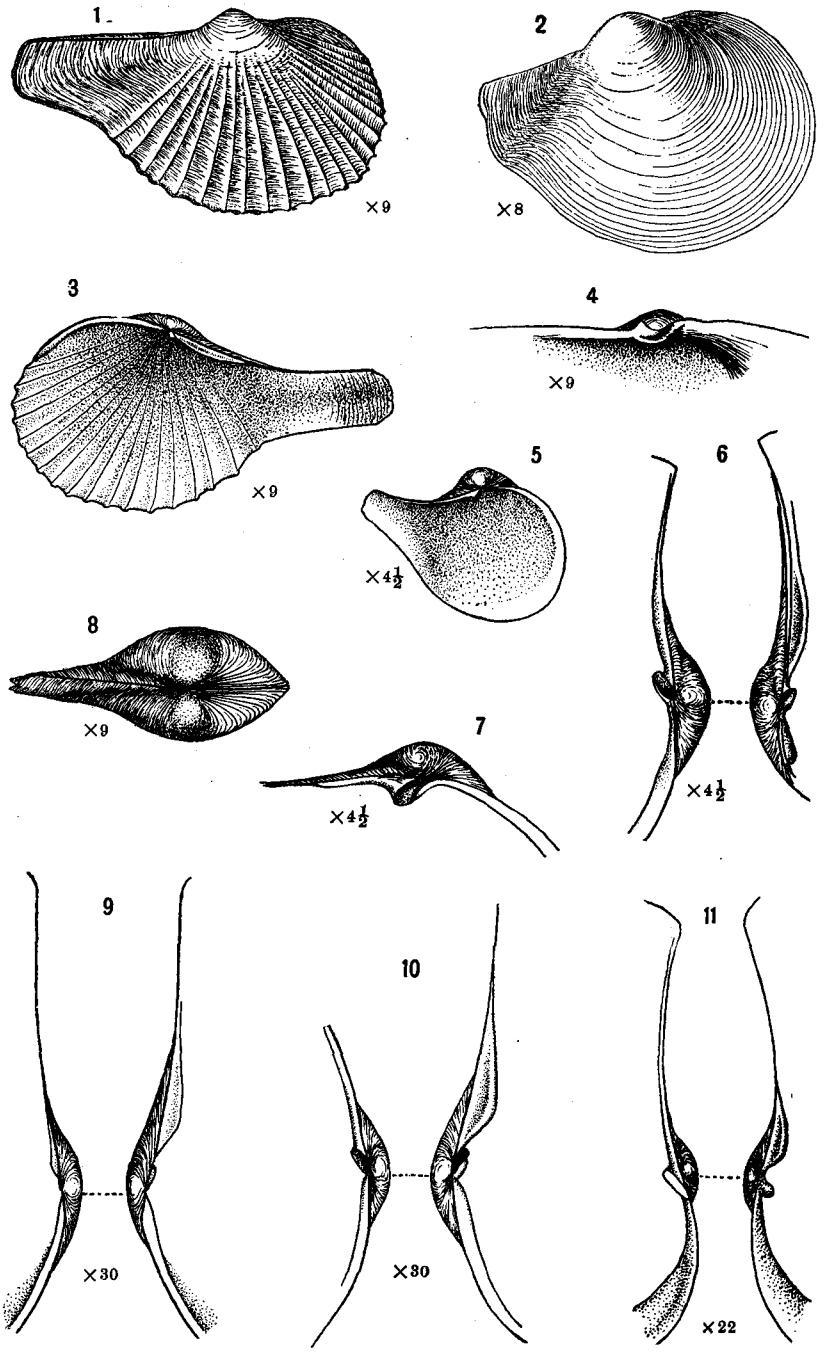
FOR EXPLANATION OF PLATE SEE PAGE 888.



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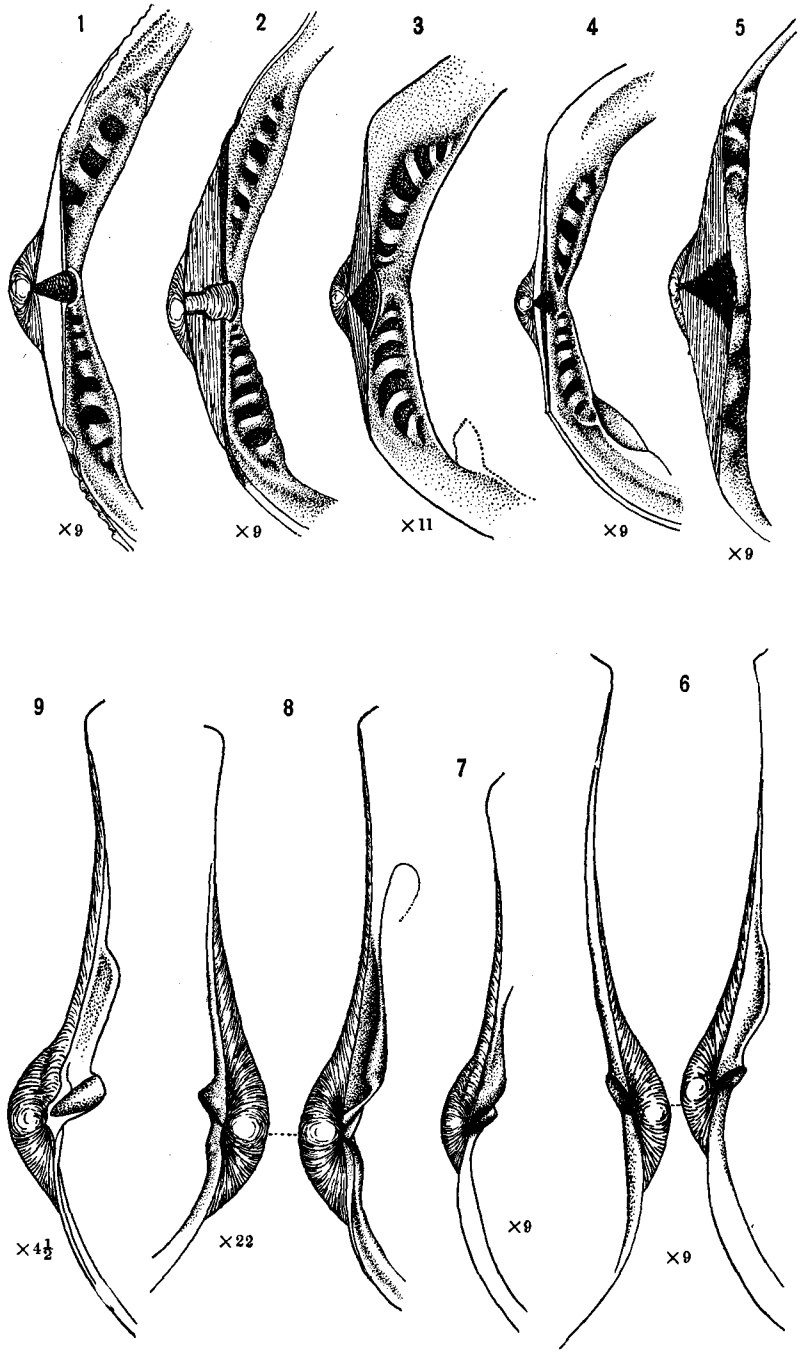
FOR EXPLANATION OF PLATE SEE PAGE 889.



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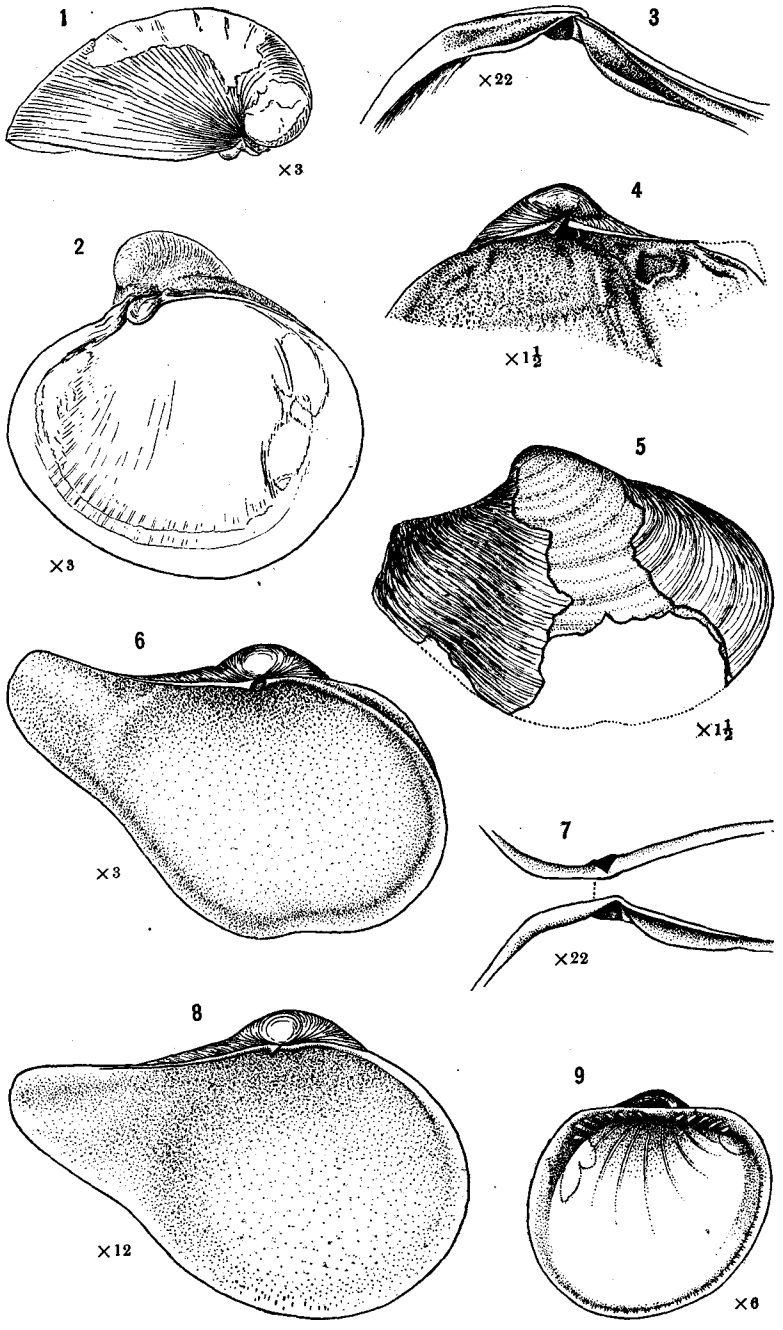
FOR EXPLANATION OF PLATE SEE PAGE 889.



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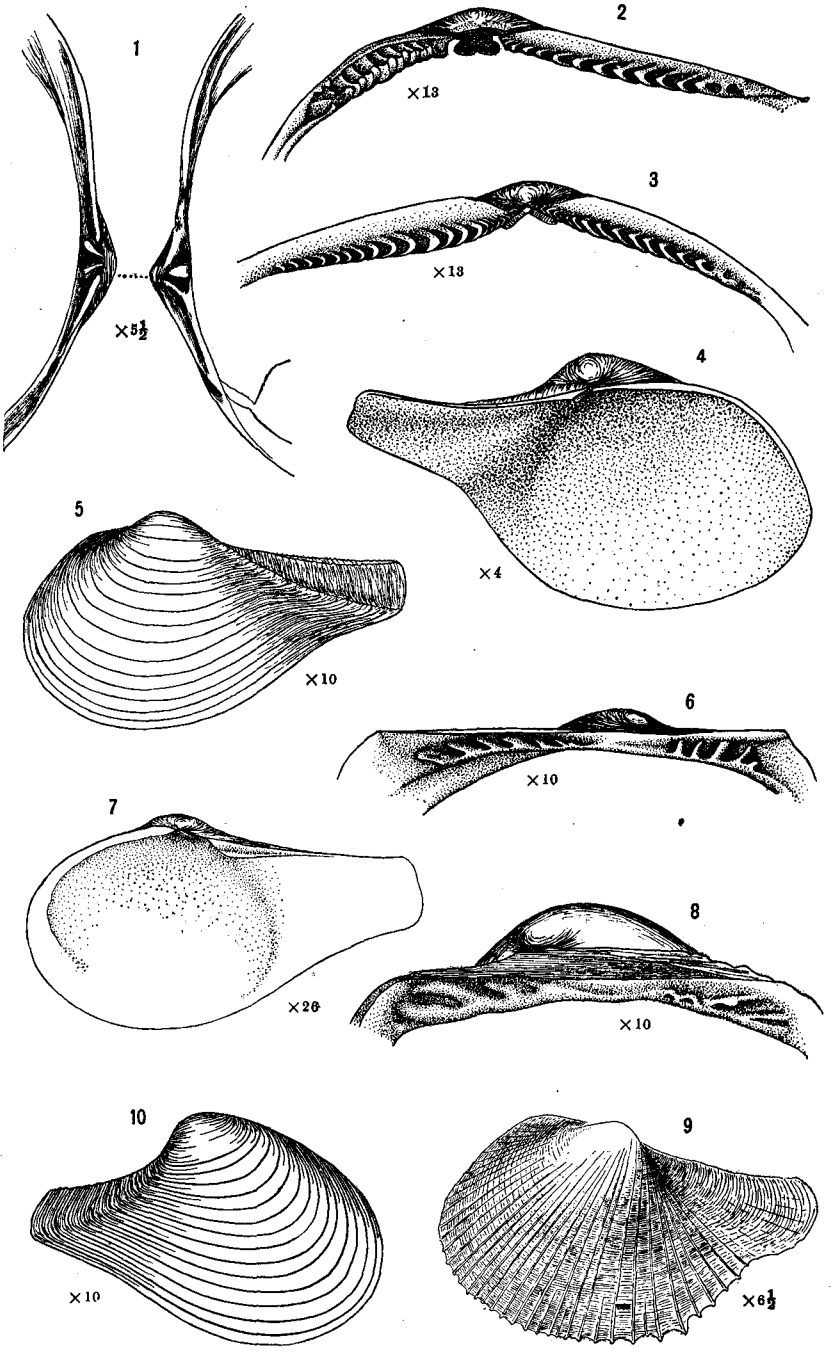
FOR EXPLANATION OF PLATE SEE PAGES 889, 890.



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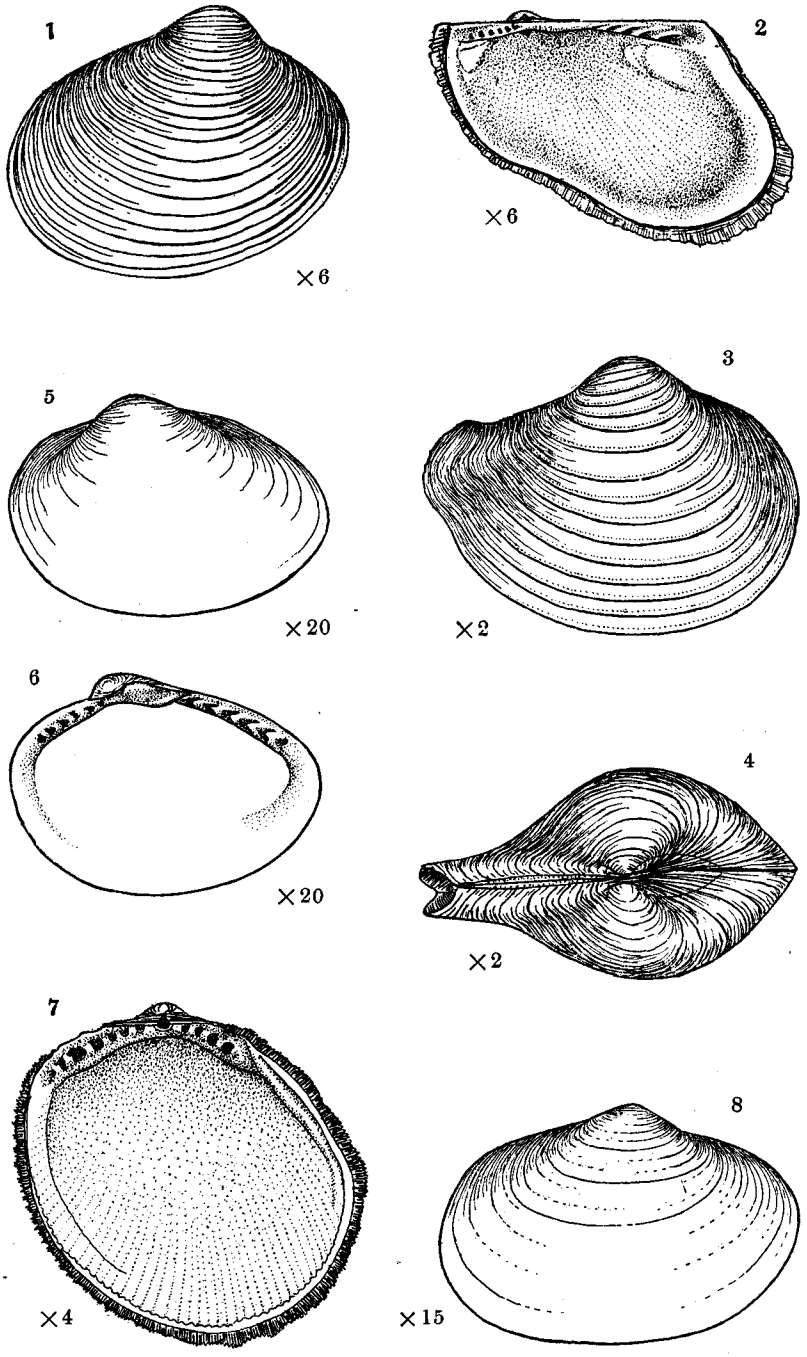
FOR EXPLANATION OF PLATE SEE PAGE 890.



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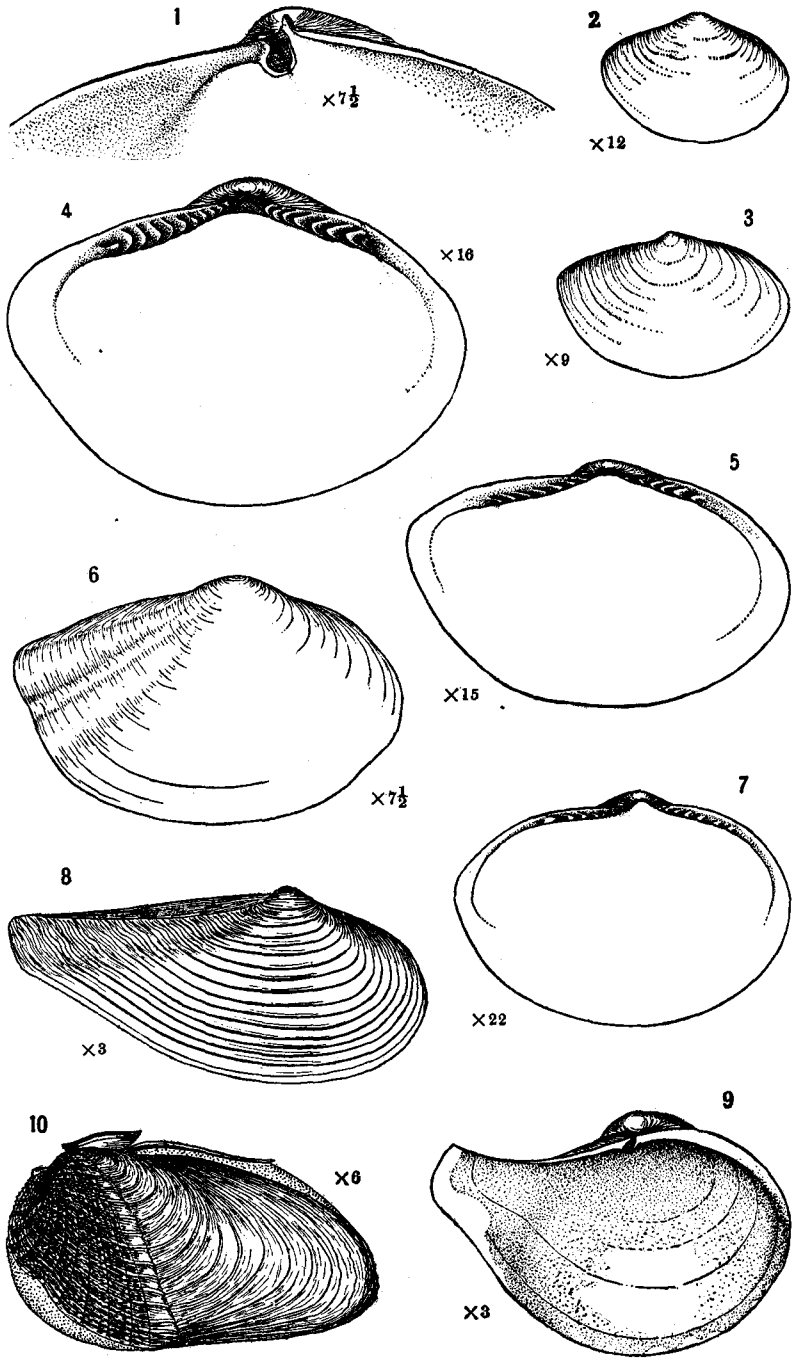
FOR EXPLANATION OF PLATE SEE PAGE 890.



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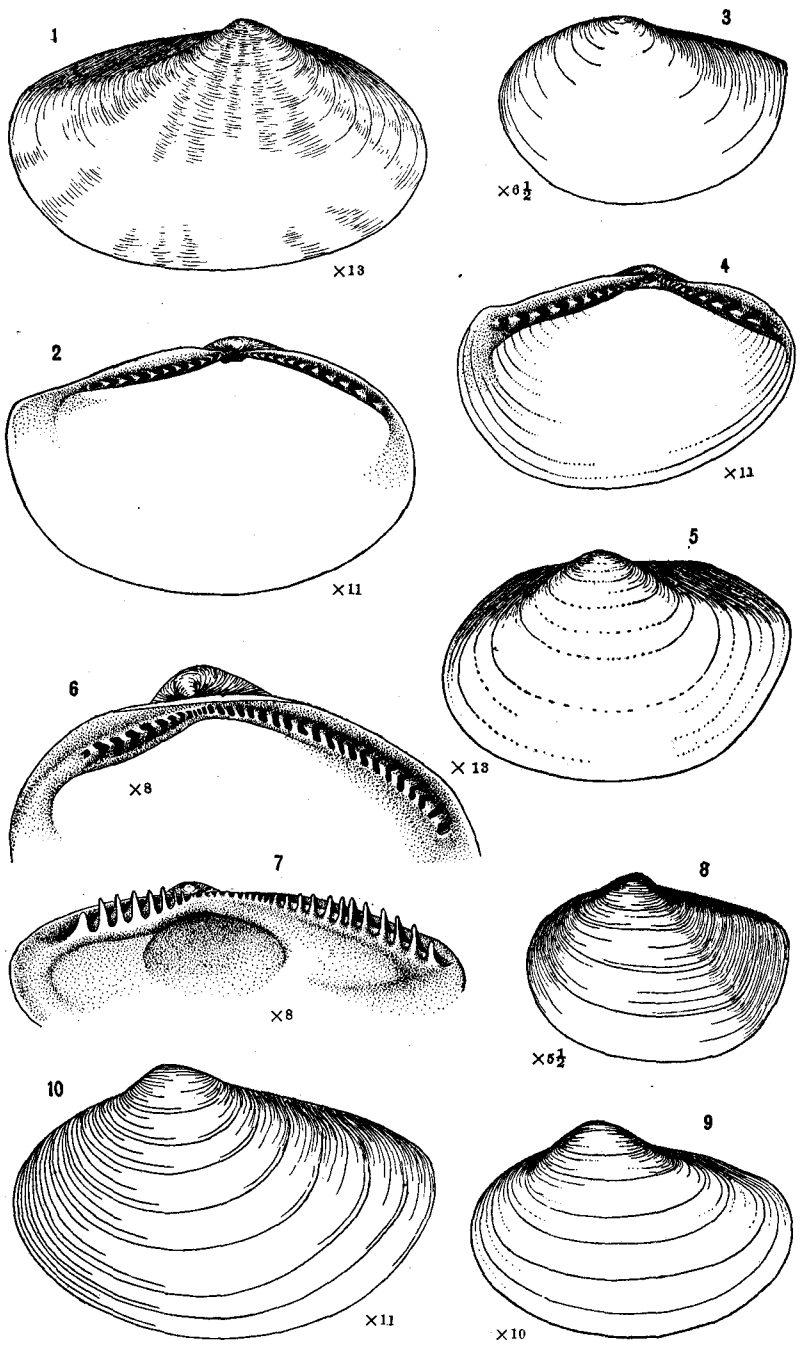
FOR EXPLANATION OF PLATE SEE PAGES 890, 891.



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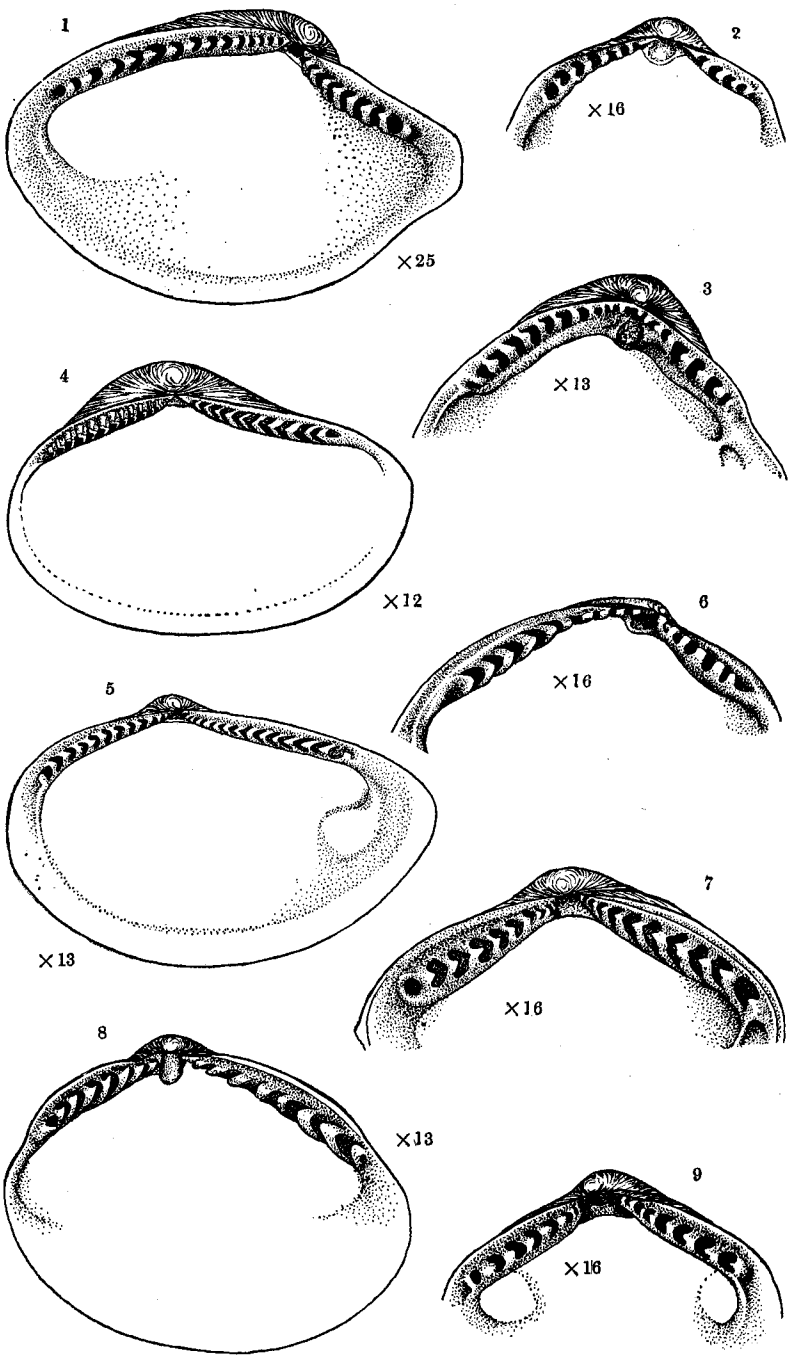
FOR EXPLANATION OF PLATE SEE PAGE 891.



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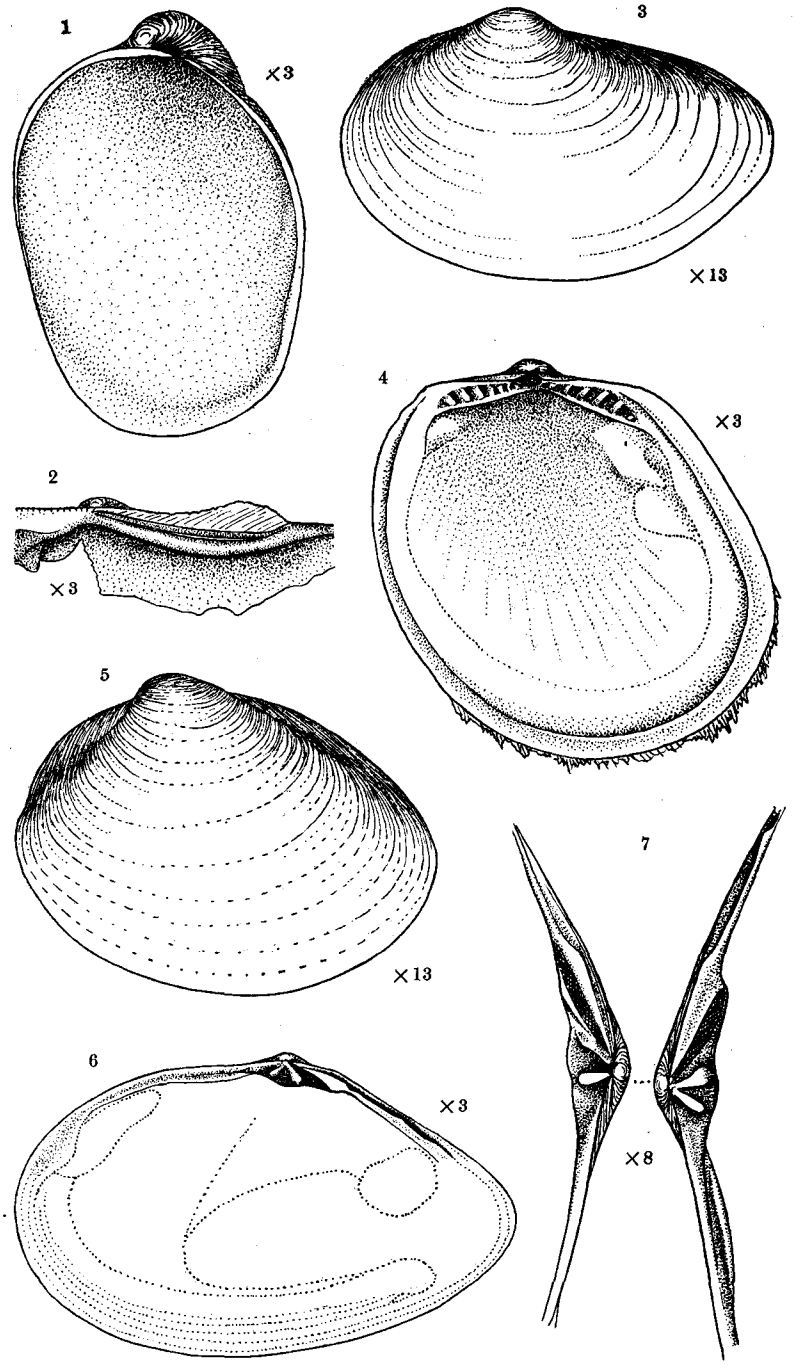
FOR EXPLANATION OF PLATE SEE PAGE 891.



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FOR EXPLANATION OF PLATE SEE PAGE 892.

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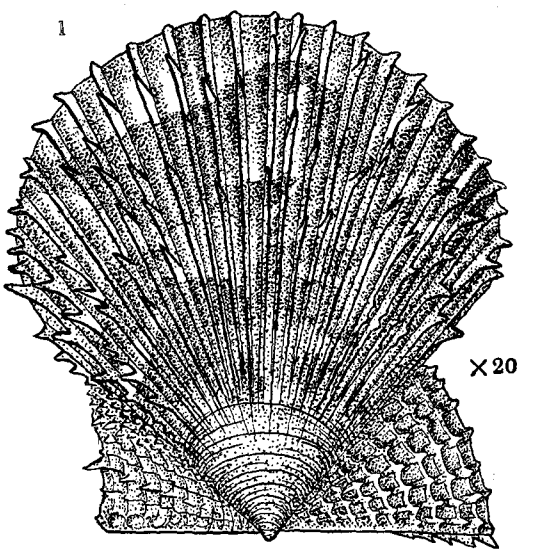

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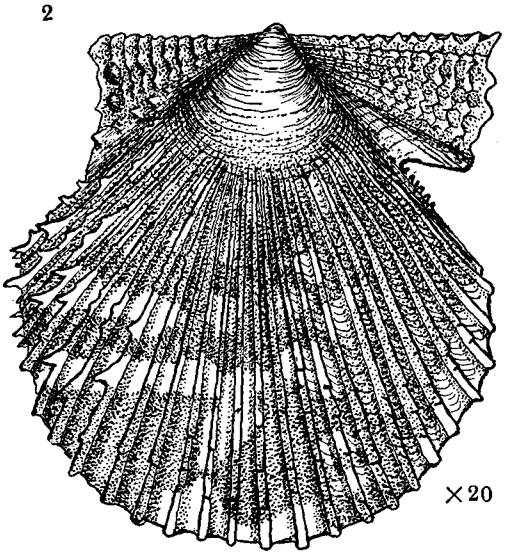

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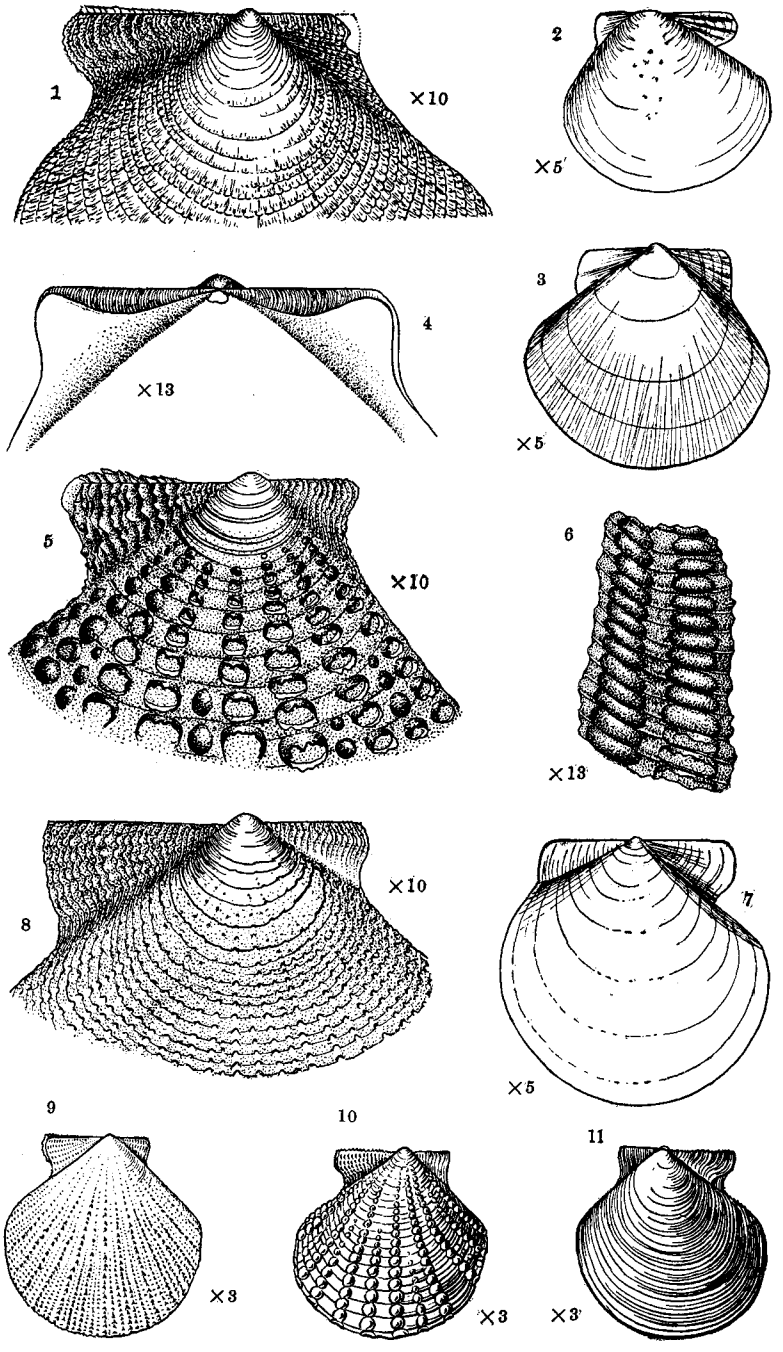
FOR EXPLANATION OF PLATE SEE PAGE 892.



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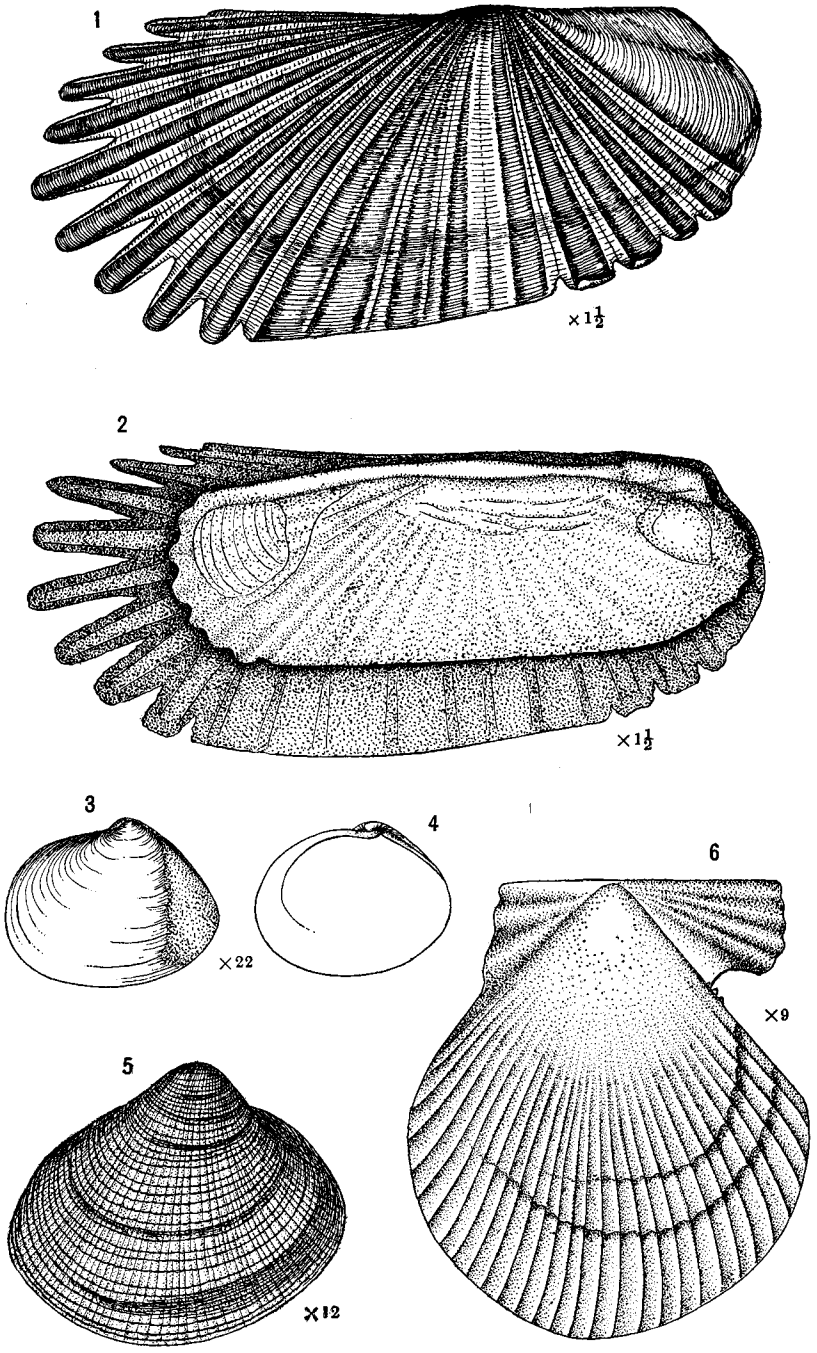
FOR EXPLANATION OF PLATE SEE PAGES 892, 893.



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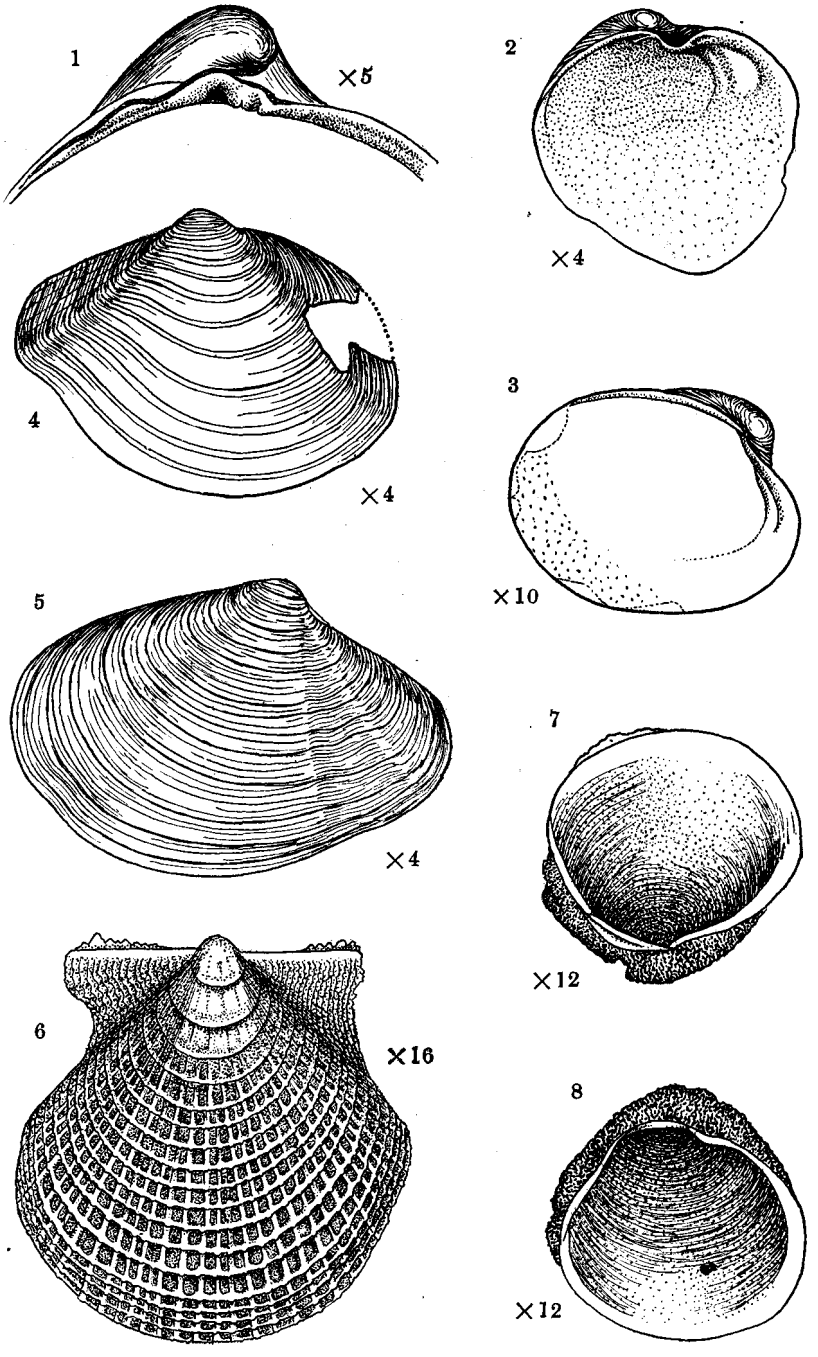

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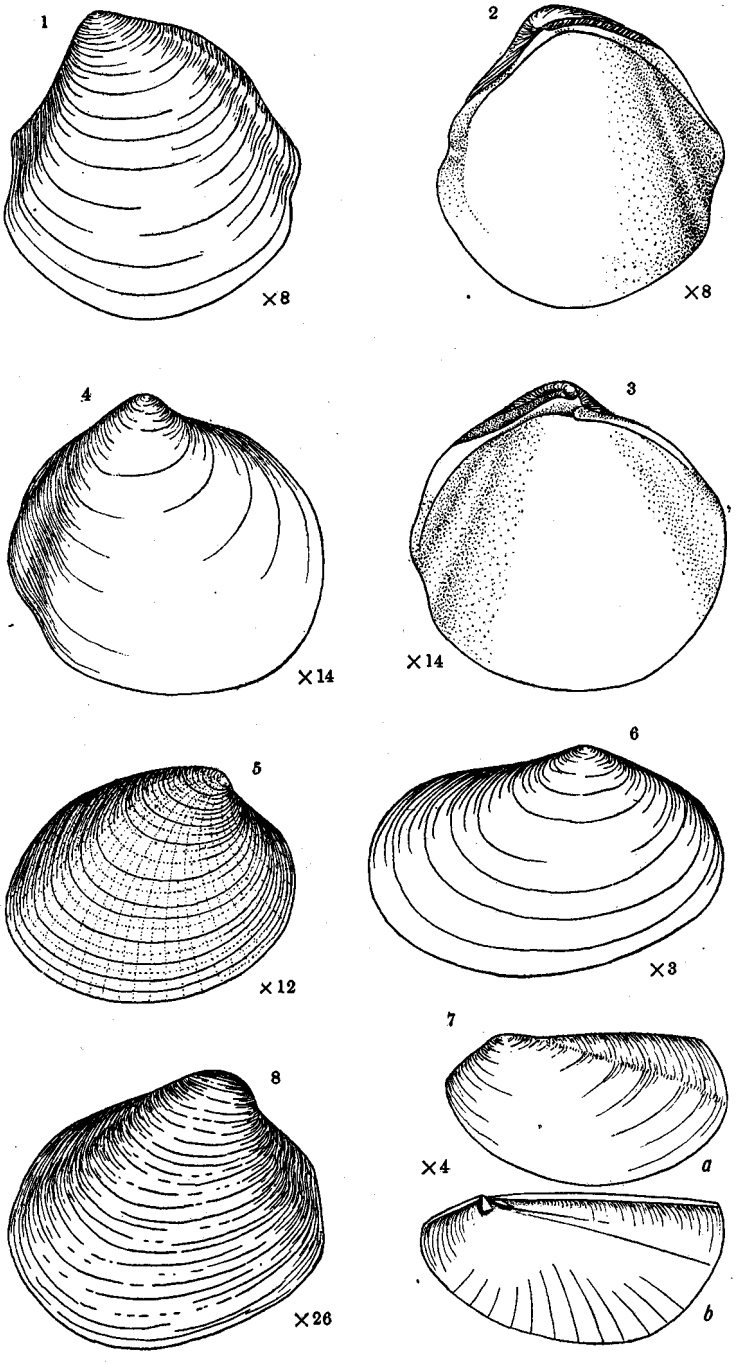

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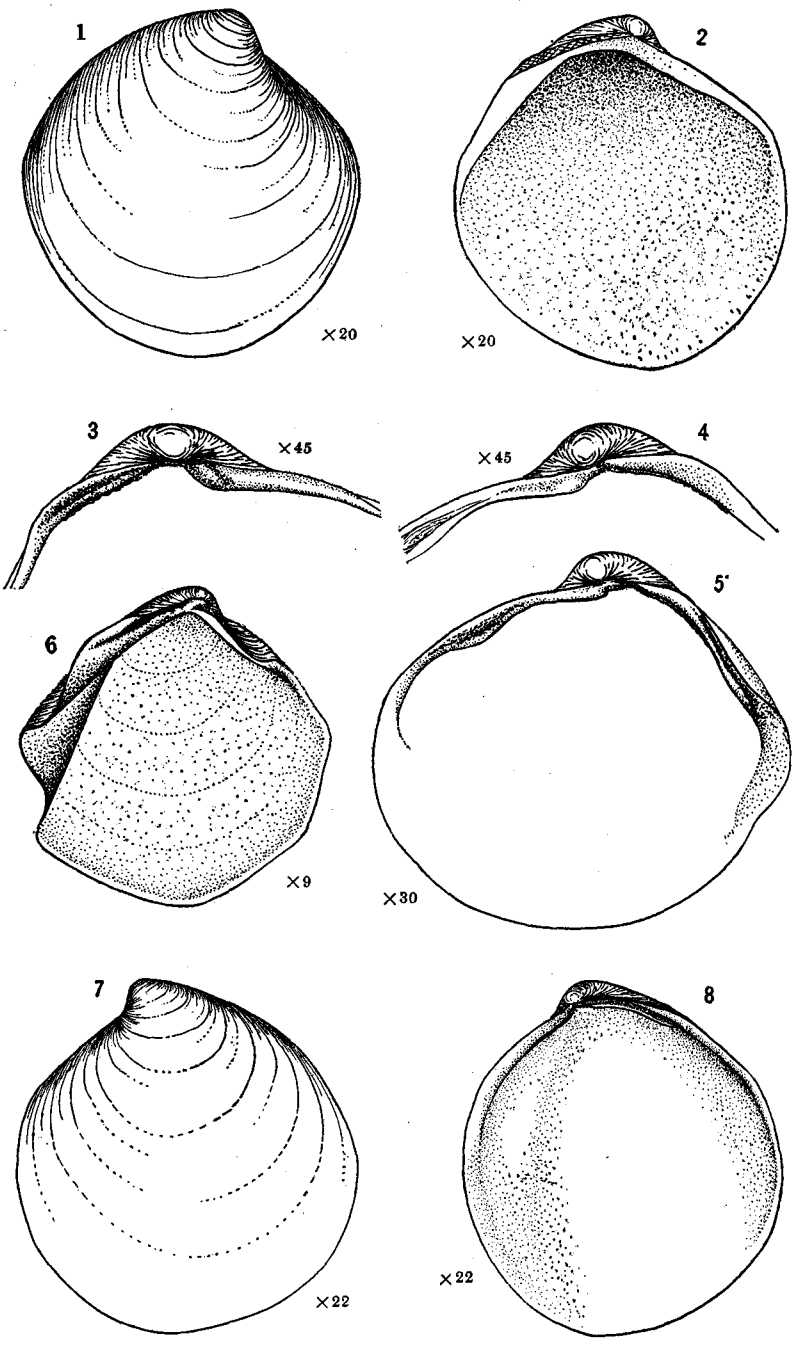

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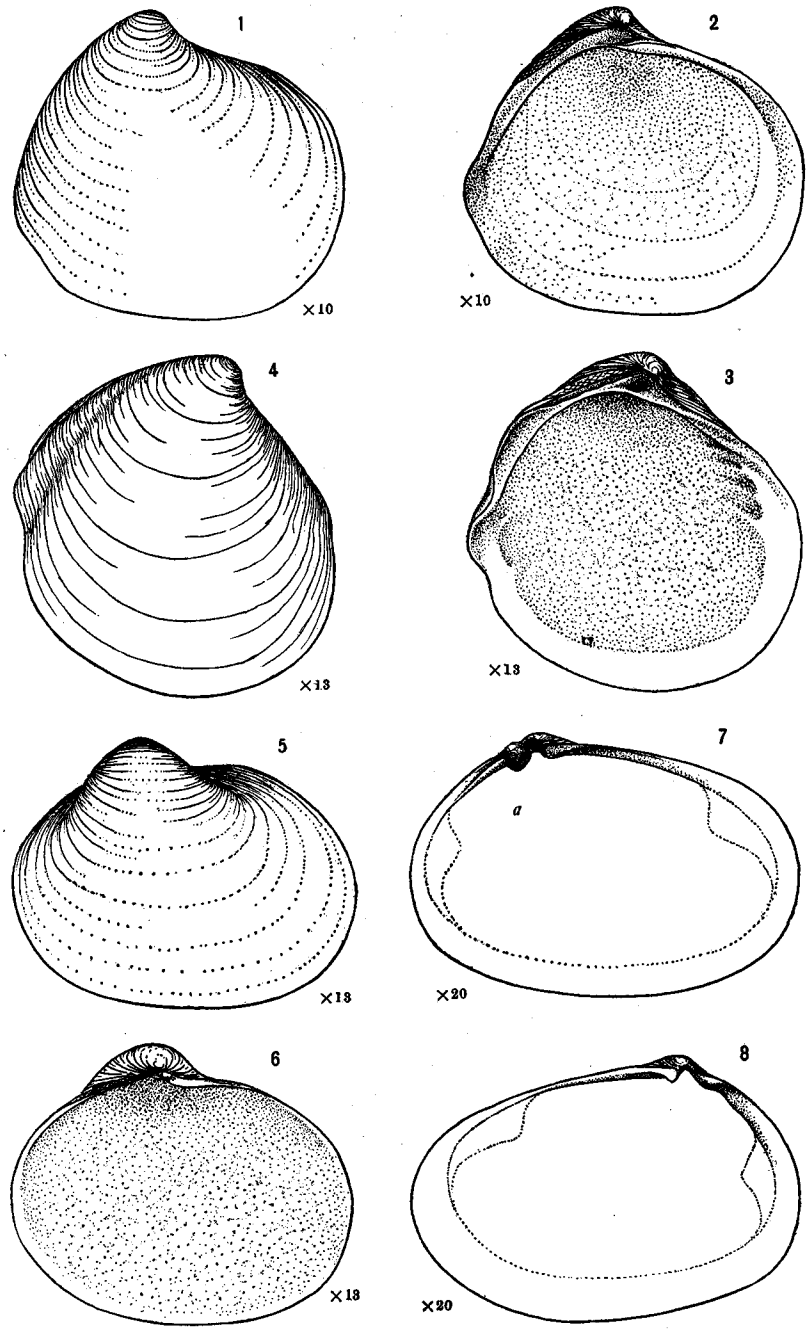
FOR EXPLANATION OF PLATE SEE PAGE 894.



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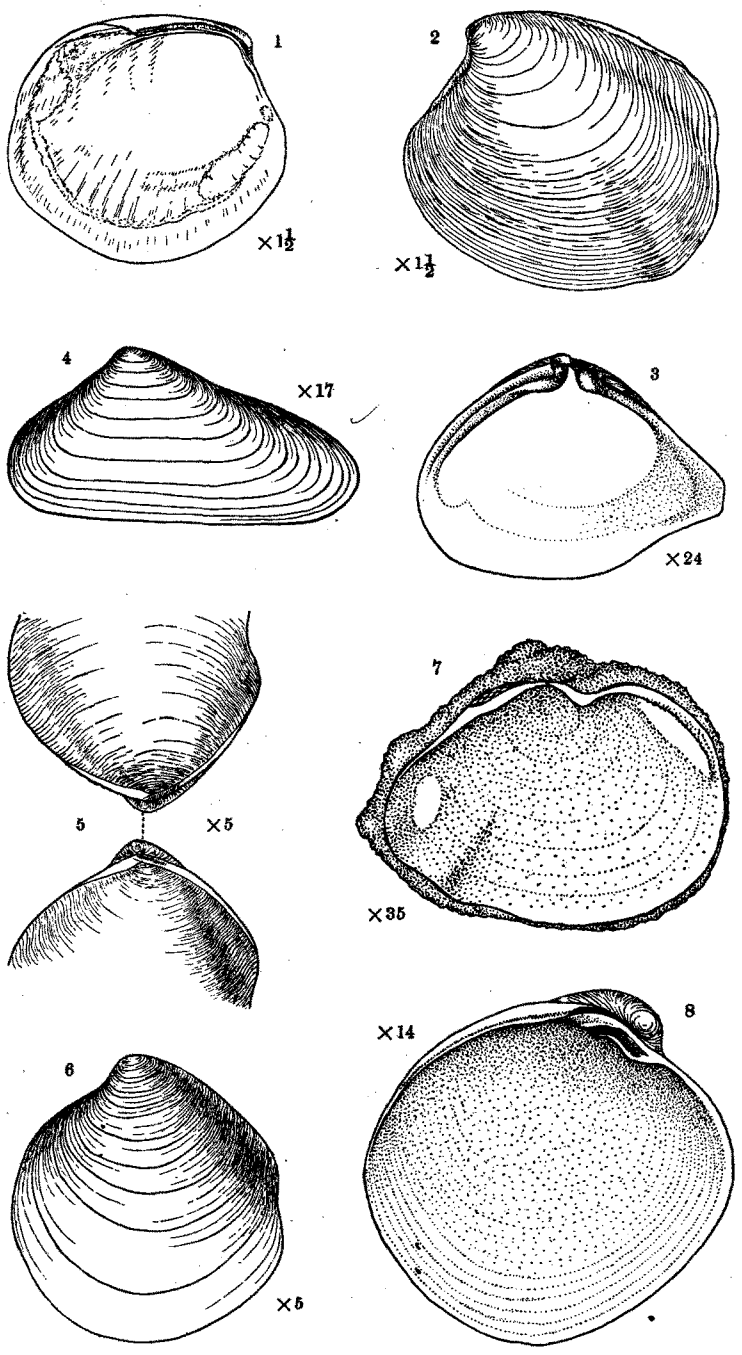

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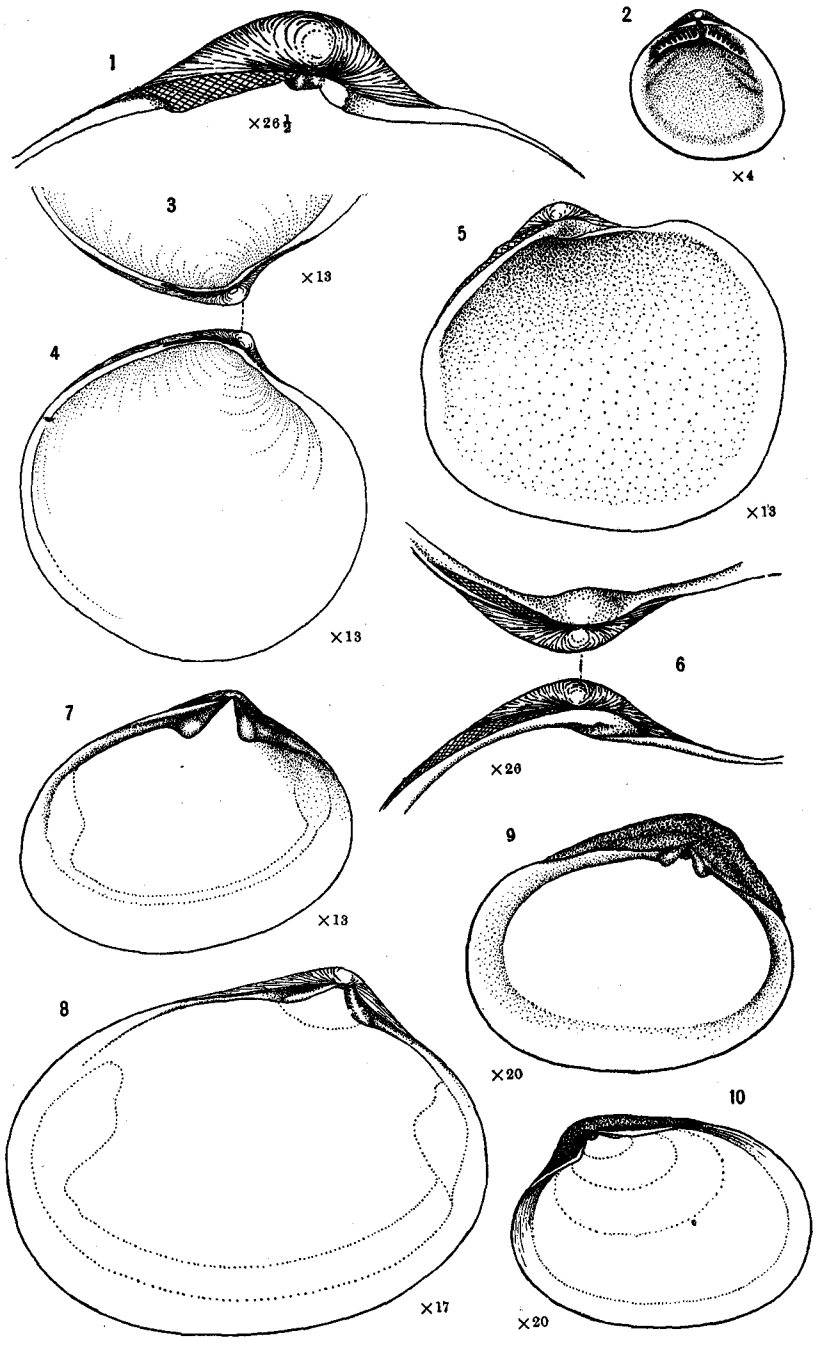
FOR EXPLANATION OF PLATE SEE PAGE 894.



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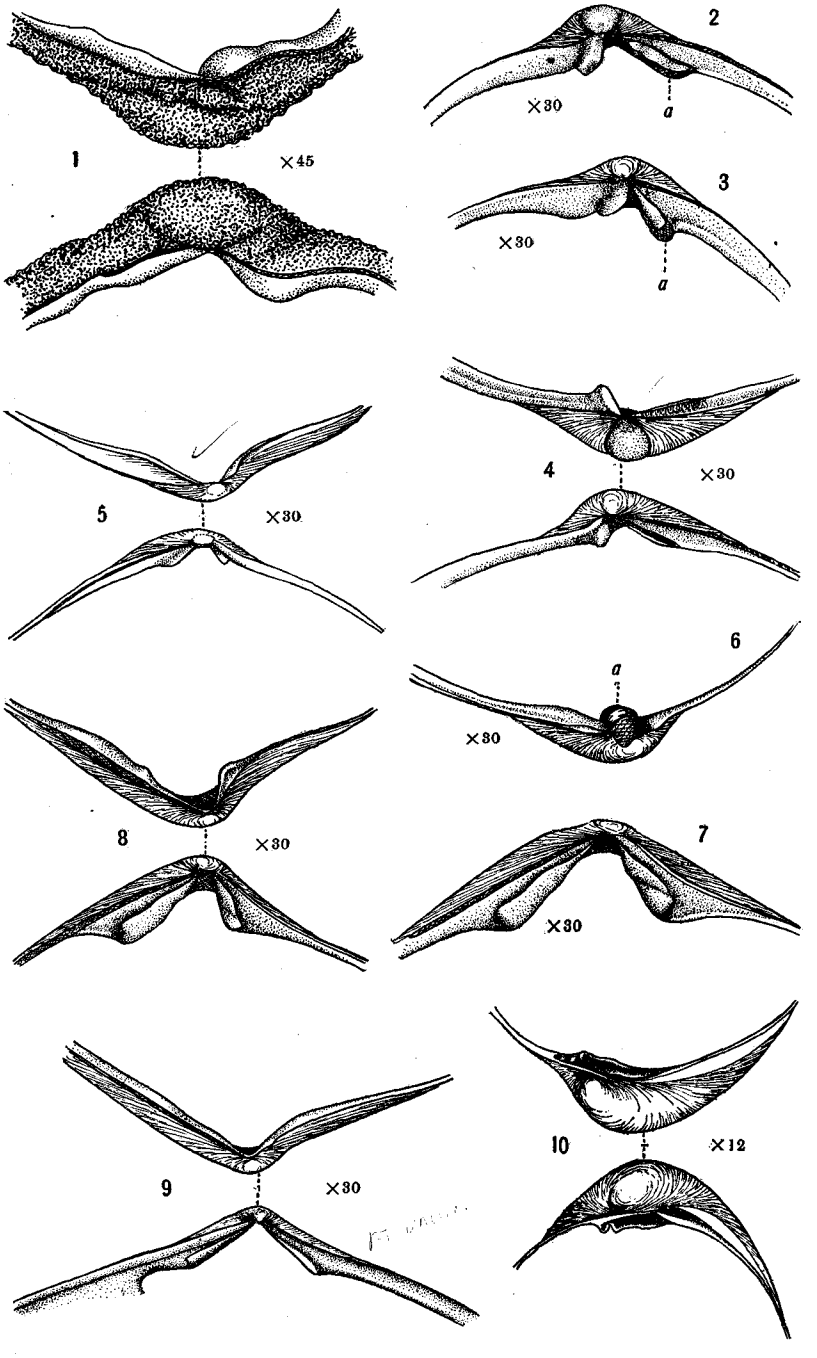
FOR EXPLANATION OF PLATE SEE PAGES 894, 895.



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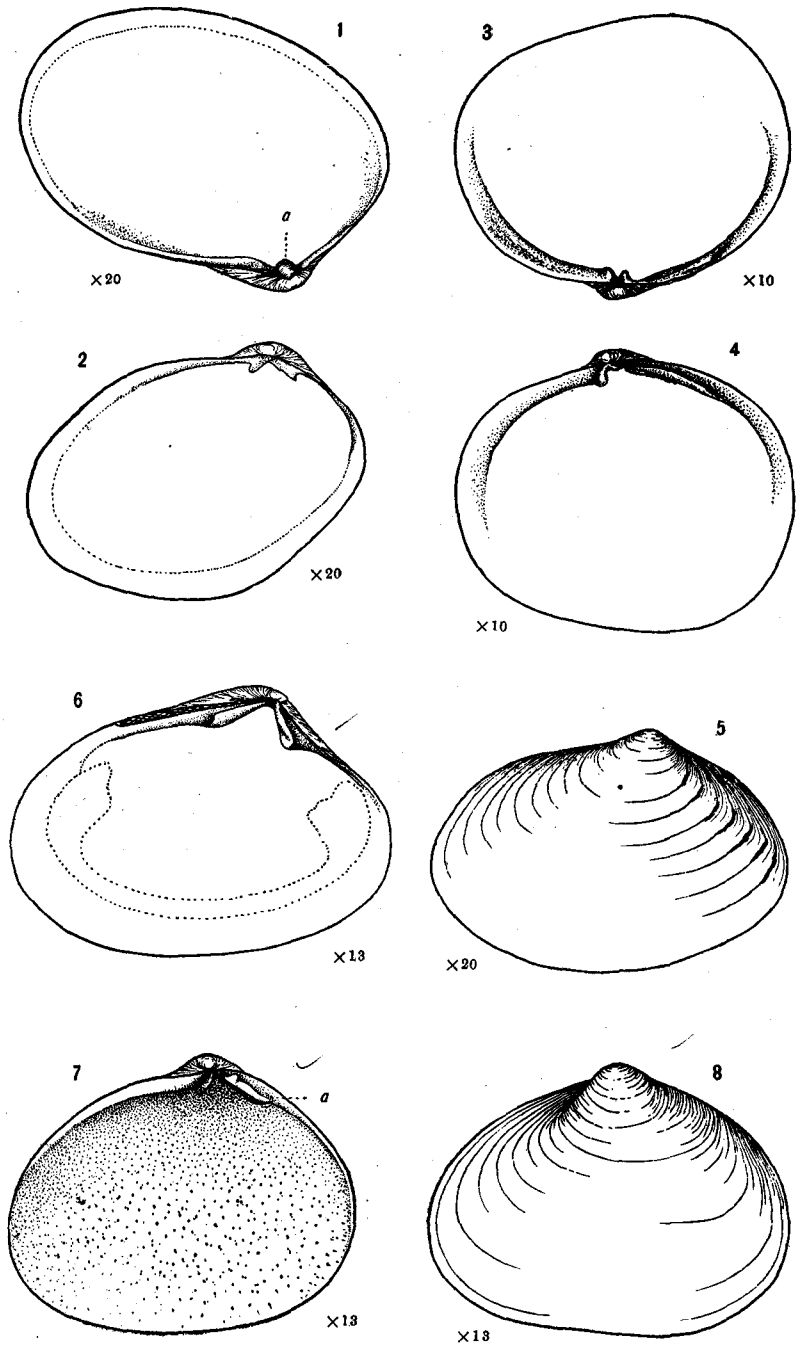

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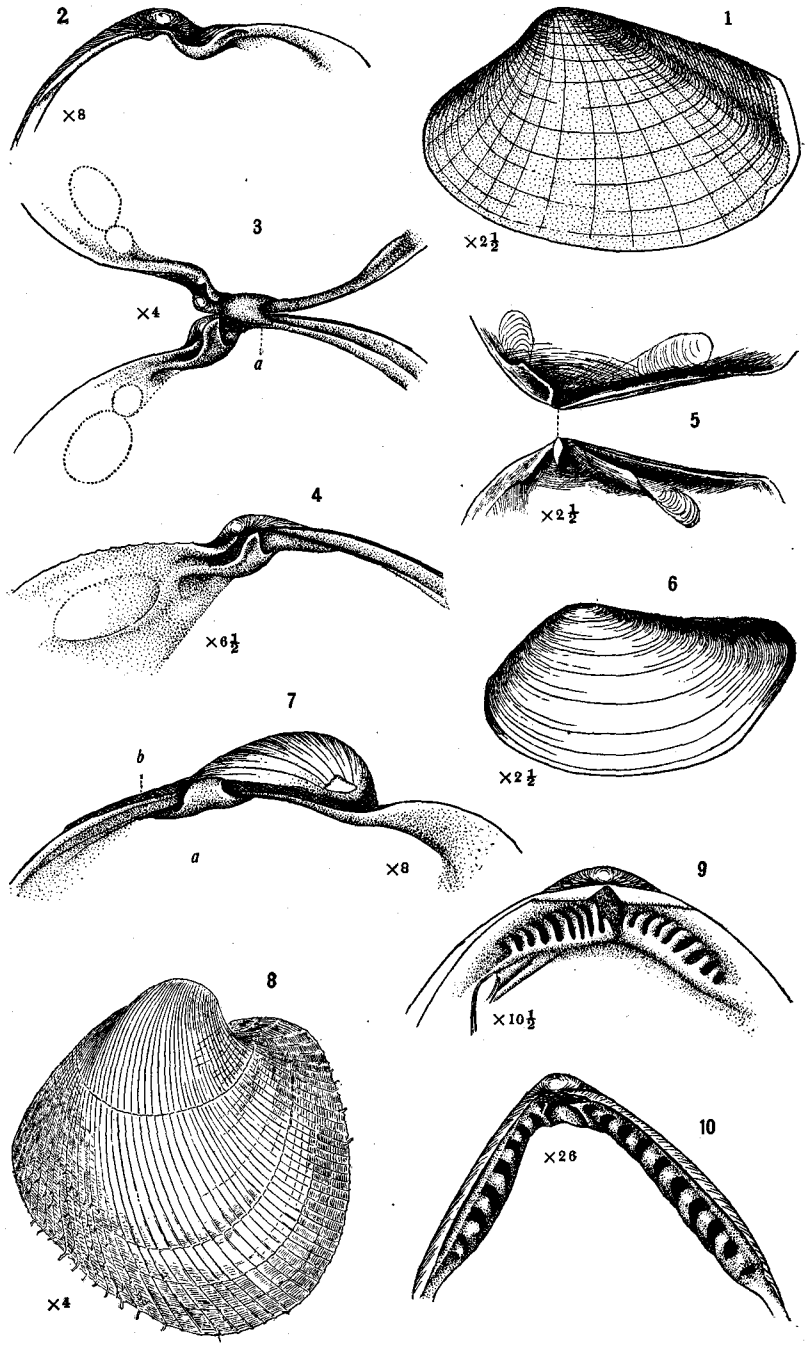

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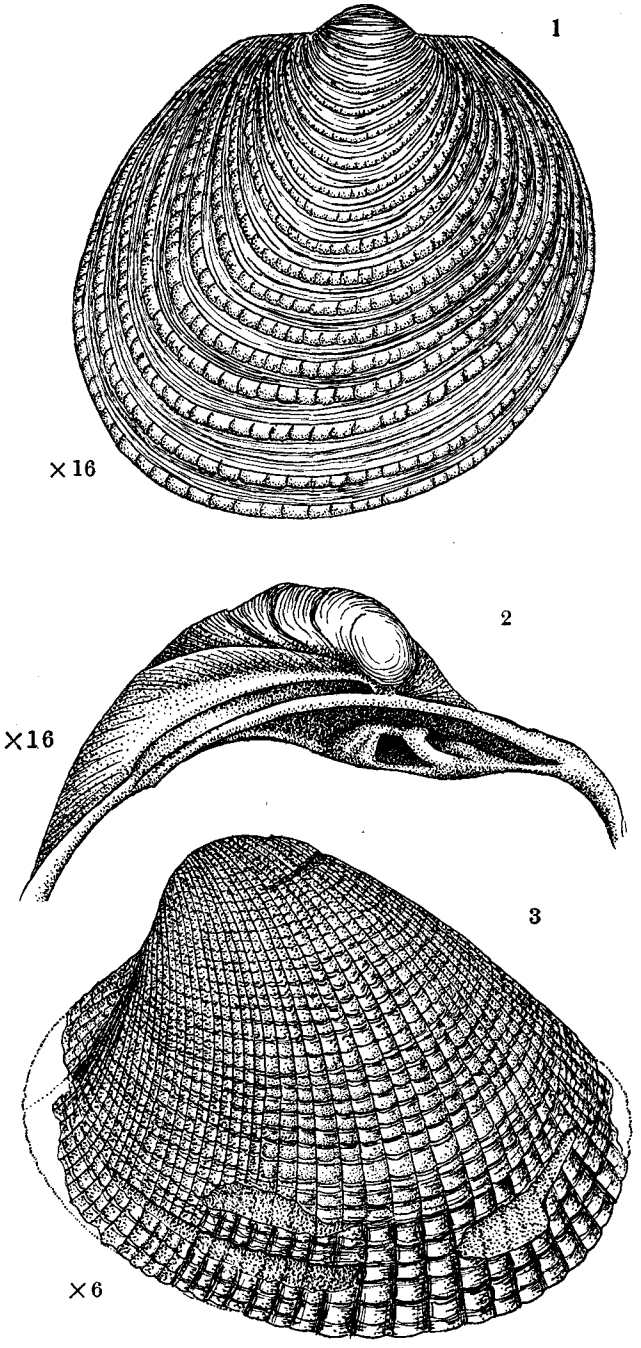

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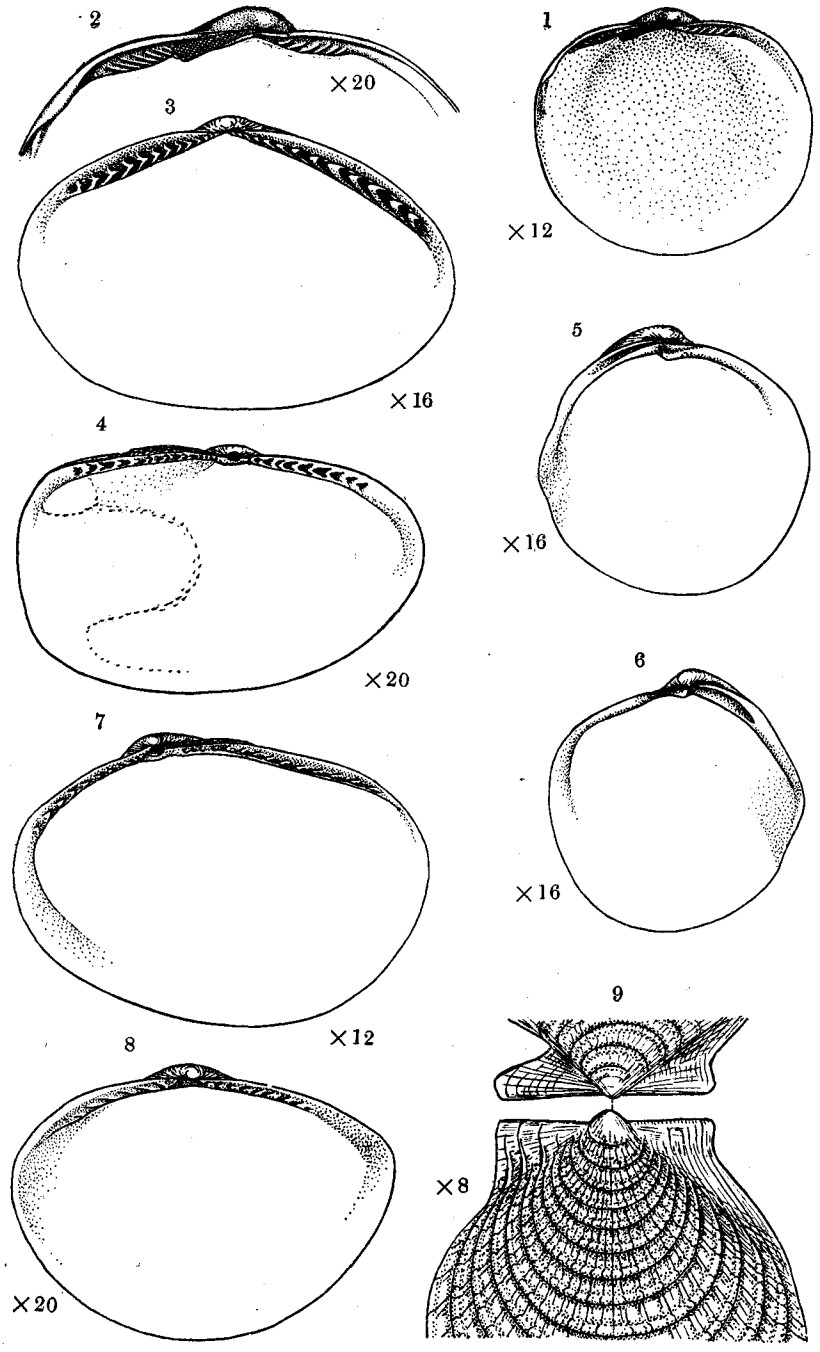

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FOR EXPLANATION OF PLATE SEE PAGE 896.