

Fig. 3. *MÆONIA ELONGATA*, natural size; *a, b, c*, different views.—p. 695.

Fig. 4. *MÆONIA VALIDA*, cast, natural size; *a, b*, anterior muscular impressions, different sides.—p. 695.

Fig. 5. *MÆONIA AXINIA*; *a, b*, interior cast, natural size; *c*, smaller anterior muscular impressions from cast, much enlarged; two anterior muscular impressions, natural size; *d*, probably same species, exterior cast.—p. 696.

#### PLATE 6.

Fig. 1. *a, b*, *MÆONIA CARINATA*, different views of one valve, natural size.—p. 696.

Fig. 2. *MÆONIA FRAGILIS*, broken specimen, natural size. Fig. 3, same, smaller specimen.—p. 696.

Fig. 4. *a*, *MÆONIA MYIFORMIS*, interior cast, natural size; *b*, front view; *c*, hinge surface.—p. 697.

Fig. 5. *a*, *MÆONIA ELLIPTICA*, natural size; *b, c*, other views.—p. 697.

Fig. 6. *6 a*, *MÆONIA ELLIPTICA*, interior cast of a large specimen.

Fig. 7. *MÆONIA GRANDIS*, natural size; *7 a*, outline of one valve, front view.—p. 697.

Fig. 8. *MÆONIA GRANDIS*, smaller specimen; *8 a*, end view, valves dislocated.

#### PLATE 7.

Fig. 1. *MÆONIA GRACILIS*, natural size; *a*, lateral view; *b*, dorsal view; *c*, end view.—p. 698.

Fig. 2. *MÆONIA? RECTA*, lateral view, natural size, shell broken in front.—p. 698.

Fig. 3. *NUCULA ABRUPTA*, side view of cast; *a*, cast of posterior muscular impression.—p. 698.

Fig. 4. *NUCULA CONCINNA*, imperfect, natural size.—p. 699.

Fig. 5. *NUCULA GLENDONENSIS*, natural size.—p. 699.

Fig. 6. *EURYDESMA ELLIPTICA*, *a, b, c, d*, different views, natural size.—p. 700.

Fig. 7. *EURYDESMA GLOBOSA*, side view, natural size; *7 a*, end view.—p. 700.

Fig. 8. *EURYDESMA SACCULUS*, natural size; *a*, cast, imperfect; *b*, end view of same; *c*, dorsal part of valve, showing back view of beak portion; *d*, profile of vertical section of valve; *e*, under view of hinge portion of shell.—p. 700.

#### PLATE 8.

Fig. 1. *EURYDESMA CORDATA*, natural size; *a*, dorsal view.—p. 700.

Fig. 2. *CARDIUM AUSTRALE*, natural size.—p. 701.

Fig. 3. *CARDIUM? FEROX*, part of shell, and external cast of a portion of same, natural size; *a, b*, internal cast of corresponding portion.—p. 701.

Fig. 4. *CYPRICARDIA ACUTIFRONS*; *a, b*, natural size.—p. 702.

Fig. 5. *CYPRICARDIA IMBRICATA*, enlarged one-sixth.—p. 702.

Figs. 6, 7. *CYPRICARDIA IMBRICATA?* natural size.—p. 702.

Fig. 8. *CYPRICARDIA ARCODES*; *a, b*, natural size.—p. 702.

Fig. 9. *CYPRICARDIA* —, internal cast, imperfect, natural size.—p. 703.

Fig. 10. *CYPRICARDIA PRÆRUPTA*, natural size.—p. 703.

#### PLATE 9.

Fig. 1. *CYPRICARDIA SILIQUA*; *a, b*, natural size.—p. 703.

Fig. 2. *CYPRICARDIA SIMPLEX*, natural size.—p. 703.

Fig. 3. *CYPRICARDIA (AVICULA?) VENERIS*; *a, b*, natural size.—p. 704.

Fig. 4. *AVICULA VOLGENSIS*, imperfect, natural size.—p. 704.

Fig. 5. *PECTEN COMPTUS*, natural size.—p. 704.

Fig. 6. *PECTEN LENIUSCULUS*; *a, b*, natural size.—p. 704.

Fig. 7. *PECTEN TENUICOLLIS*; *a*, section of surface.—p. 705.

Fig. 8. *PECTEN MITIS*; *a, b*, natural size.—p. 705.

Fig. 9. *PECTEN ILLAWARRENSIS*, natural size; *a*, section of surface.—p. 705.

Figs. 10, 11, 12. —. —p. 705.

Fig. 13. *PILEOPSIS TENELLA*; *a, b*, natural size.—p. 706.

Fig. 14. *PILEOPSIS ALTA*; *a, b*, natural size.—p. 706.

Fig. 15. *PLEUROTOMARIA MORRISIANA*, natural size, from Harper's Hill; *15 a*, enlarged view of surface. 16. Illawarra specimen.—p. 706.

Fig. 17. *PLEUROTOMARIA NUDA*; *a, b, c*, natural size.—p. 706.

#### PLATE 10.

Fig. 1. *PLATYSCHISMA OCLUS*, broken and compressed specimen, natural size.—p. 707.

Fig. 2. *PLATYSCHISMA DEPRESSUM*; *a, b*, casts, natural size.—p. 707.

Fig. 3. *NATICA* —? natural size.—p. 707.

Fig. 4. *BELLEROPHON UNDULATUS*; *a, b*, natural size.—p. 707.

Fig. 5. *BELLEROPHON STRICTUS*; *a, b*, natural size.—p. 707.

Fig. 6. *BELLEROPHON MICROMPHALUS*; *a, b*, natural size.—p. 708.

Fig. 7. *THECA LANCEOLATA*, *a, b*, natural size; *c*, transverse section; *d*, restored specimen.—p. 708.

Fig. 8. *CONULARIA INORNATA*, natural size.—p. 709.

Fig. 9. *CONULARIA LEVIGATA*, specimen flattened out, natural size; *a*, enlarged view of articulation.—p. 710.

Fig. 10. *PENTADIA (TRIBRACHYOCRINUS? of M' Coy) CORONA*, external cast, ornate side; *a*, opposite or naked side; *b*, enlarged view of ridges; *c*, transverse section, showing thickness of the original fossil; fig. 11, another plate; fig. 12, another plate, probably of a different species.—pp. 712, 713.

Fig. 13. *FENESTELLA INTERNATA*, part of frond, natural size; *a*, cast of frond, much enlarged; *b*, under surface of branchlet much enlarged, exterior removed.—p. 710.

Fig. 14. *FENESTELLA MEDIA*, natural size; *a*, under surface enlarged.—p. 710.

Fig. 15. *FENESTELLA INTERNATA?* a cast, natural size.—p. 710.

#### PLATE 11.

Fig. 1. *FENESTELLA AMPLA*, part of a frond, natural size; *1 a*, inner inferior surface, enlarged.—p. 710.