

EXPLANATION OF PLATE 1. D.

LOWER PALÆOZOIC *ECHINODERMATA* AND *ANNULATA*.

- 1 *TAXOCRINUS ORBIGNII* (M^cCoy). From High Thorns, Underbarrow, natural size.
- 2 *EUCALYPTOCRINUS POLYDACTYLUS* (M^cCoy). Natural size, from Dudley.
- 3 *ACTINOCRINUS PULCHER* (Salt). Part of large slab, from Nant-gwehwyd Uchaf, S. of Llangollen; natural size, shewing three perfect cups with their rays, attached to their columns, and some portion of the older columns.
- 4 *GLYPTOCRINUS BASALIS* (M^cCoy). Natural size, from the schists of Alt y Anker.
- 5 *CARYOCYSTITES DAVISI* (M^cCoy). Side view of specimen, natural size, from Coniston.
- 5 *a* — Front view of ditto.
- 6 Undetermined *Cystidean*, natural size, from Coniston.
- 7 *TETRAGONIS DANBYI* (Salt sp.). From the Upper Ludlow Rock of Brigsteer, natural size.
- 7 *a* — Portion of ditto, magnified four diameters.
- 8 — Larger specimen, natural size.
- 9 Undetermined fossil, common in the Upper Ludlow rock of Kendal, shewing the hemispherical upper surface, and flattened base, with what seems a pedicle of attachment.
- 9 *a* — Portion of surface magnified.
- 10 *TRACHYDERMA? LÆVIS* (M^cCoy). From the fine Caradoc Sandstone of Acton Scot, natural size, and section.
- 11 *SERPULITES DISPAR* (Salt). Natural size from N. end of Benson Knot.
- 12 — Ditto.
- 13 *MYRIANITES TENUIS* (M^cCoy). From the slate of Greiston, on Tweed, natural size.
- 14 *CROSSOPODIA LATA* (M^cCoy). Fragment, natural size, from the Tilestone of Storm Hill, Llandeilo.
- 15 *CROSSOPODIA SCOTICA* (M^cCoy). From the slates of Thorny Lee, on the Tweed, natural size; the narrow markings being the trails left by the worms, the broader portions containing the body and fringe-like cirri, perfect.