

PLATE 11

Piloceras explanator Whitfield

1-7 Transverse sections through the siphuncle, figured on plate 10.
Natural size

- 1 Showing the more distant earlier endosiphosheaths and more closely arranged last endosiphosheaths (of adult individual) and the endosiphofunicles.
- 2 The small flat endosiphocoleon in the center and a well developed system of endosiphofunicles extending from the first endosiphosheath to the outer wall. At the right hand side an endosiphofunicle, which is branching several times in outward direction (enlarged on plate 12, figure 1).
- 3 Shows another distinctly branching endosiphofunicle on upper side (enlarged on plate 12, figure 2), which well exhibits the relation of the endosiphosheaths to the endosiphofunicle.
- 4-6 Show the decrease in the number of endosiphosheaths (by resorption or alteration in calcite?) and of the endosiphofunicles in apical direction.
- 4 This section shows at the lower right hand side an endosiphofunicle which distinctly passes through an endosiphosheath that is bent outward at the point of intersection (enlarged on plate 12, figure 4).
- 5, 6 Endosiphofunicles springing here principally from the corners of the endosiphocoleon.
- 7 The endosiphocoleon is not any longer shown since the center of the siphuncle is here worn away.

Originals from the Beekmantown beds at Fort Cassin Vt.