

PLATE 12

Piloceras explanator Whitfield

- 1 Enlargement of endosiphofunicle (part of section 2 of plate 11), showing its threefold branching and the angulation of the endosiphosheaths at the points of intersection with the endosiphofunicle resulting from the suspension first of the outer endosiphosheath by means of the endosiphofunicle and later continuation of the latter to the next younger (more interiorly situated) endosiphosheath. x3
- 2 Shows similar features (enlargement of figure 3 of plate 11) of an endosiphofunicle, extending through two or more endosiphosheaths. x5
- 3 Endosiphocoleon with its suspending endosiphofunicles (enlargement of center of figure 5 on plate 11). x5
- 4 Enlargement of part of figure 4 on plate 11, showing the angulation of the endosiphosheath at the point of its intersection with the endosiphofunicle. x5
- 5 Natural, slightly weathered transverse section of a siphuncle, showing the undulating character of the endosiphosheaths, probably due to endosiphofunicles. Natural size

Originals of figures 1-4 from the Beekmantown beds of Fort Cassin Vt.; of figure 5 from the same beds at Valcour N. Y.