

PLATE 9

Cameroceeras (Proterocameroceeras) brainerdi Whitfield (sp.)

- 1 Natural longitudinal section of fragment of siphuncle, showing in upper part fragment of outer surface of siphuncle with forward curving of septa; in middle part the white calcite layer of an endosiphosheath, flanked on both sides by wings (w) and in the lower part the endosiphocoleon (esco). x2
- 2 Longitudinal section through a siphuncle, showing the endosiphocone with its bounding endosiphosheath in the anterior part and the endosiphocoleon (cut through the minor axis) forming in the posterior part of the endosiphocone. There are also shown farther apicad the bases of the other endosiphosheaths and in the posterior transverse section the lateral end of the endosiphocoleon and an endosiphoblade, extending obliquely from the same to the endosipholining. x2

Originals from the Beekmantown formation at Valcour N. Y.

Piloceras explanator Whitfield

- 3 A transverse section through the posterior part of the siphuncle (the shaded part at the right hand side is obliquely cut forward), showing the closely arranged endosiphosheaths; among them the last (darker, innermost) endosiphosheath and an endosiphofunicle (cut obliquely) extending at the left from the lateral side of the endosiphocone. x2

Original from the Beekmantown formation at Valcour N. Y.