

## PLATE 7

**Cameroceras (Proterocameroceras) brainerdi** Whitfield (sp.)

- 1 Natural longitudinal section of part of siphuncle, showing the broad black conchiolinous endosiphocoleon at the upper end (esco) and the sections of the wings (w), separated by the endosiphosheaths. At the lower end a posterior transverse section of the fragment, with broad flat endosiphocoleon (esco) and the embracing wings (w) is figured. x2
- 2 Further enlargement of the endosiphocoleon of figure 1 (x4), to show the central thickening of the endosiphocoleon which leads to the formation of the endosiphotube
- 3-10 A series of transverse sections (except figure 4) through the farther posterior continuation of the fragment reproduced in figure 1. All x2
- 3 Shows, like all the farther sections, the endosipholining, the central endosiphocoleon, one complete pair and half of a second one, of crescent-shaped sections of wings
- 4 Upper figure, longitudinal section of a block (x2) to show a sudden turn of the endosiphocoleon and lower figure, transverse section of farther end of the same block
- 5 Shows the endosiphotube inclosed within the endosiphocoleon which has been reduced to a double plate

The following figures 6-10 illustrate the apical reduction of the diameter of the endosiphotube and the gradual disappearance of the endosiphocoleon (the lithographer has shaded this organ too dark in figures 9 and 10, and notably so the lower half in figure 10, as well as the interspaces between the endosipholining and the endosiphocoleon). The apparent wabbling of the endosiphocoleon from the left to the right side in these sections is due to the fact that some are drawn from the anterior and others from the posterior ends of blocks.

Originals from the Beekmantown limestone at Valcour N. Y.