

PLATE 8

Cameroceras (Proterocameroceras) brainerdi Whitfield (sp.)

- 1 Natural longitudinal section of part of siphuncle of young specimen, showing matrix filling, smooth endosiphococone and continuation of the latter with the endosiphocoleon cut through its minor axis. Natural size
- 2 Longitudinal section of fragment of siphuncle, showing uninterrupted continuation of endosiphocoleon (cut through its minor axis) and an endosiphosheath. The upper transverse section shows half of the endosiphocoleon and two wings. Natural size
- 3 Natural longitudinal section of fragment of young siphuncle, retaining the matrix filling of the endosiphococone, which shows an undulating outline. Natural size
- 4 Transverse section of young siphuncle, showing the endosiphoblades and endosiphotubes. x2
- 5 Transverse section of siphuncle, showing endosiphotube, three endosiphoblades and endosipholining. x3
- 6 Transverse section at posterior end of fragment reproduced by figure 3, showing young endosiphocoleon and three endosiphoblades. Natural size
- 7 Natural transverse section of shell, showing the siphuncle with the section of the endosiphococone (in the center) and the three calcareous endosiphoblades fastening it to the ectosiphuncle (two situated laterally and one below) leaving cavities between them, which are filled with matrix. For comparison with figures 5 and 6 the figure should be inverted. x2
- 8 A section of the same specimen, situated farther apicad and showing the endosiphotube and rapid disappearance of the endosiphocoleon. These parts are less distinct in the specimen than in the drawing. x2

Originals are from the Beekmantown limestone at Valcour N. Y.