

PLATE VI.

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Fig. 1. EOCYSTITES ? ? LONGIDACTYLUS ..... 94

1. Upper half of the body of a large specimen, preserving several of the long, slender arms. The summit is crushed on the right side, causing the arms to bunch together. Natural size. Collection U. S. National Museum.
- 1a. Outline figure, natural size, of a specimen with the plates crushed in on each other.
- 1b. Enlargement of the summit of a specimen from which the plates have been broken away, showing the structure of the arms and the casts of the short pinnulæ. Three times natural size. Collection U. S. National Museum.
- 1c. Enlargement of a group of plates from a large specimen, to show variation in size, outline, surface markings, and the differences in the openings or pores on the margins of the plates.

Fig. 2. PROTOSPONGIA ? FENESTRATA ? ..... 90

- 2, 2a, 2b. Three forms of spiculæ. 2a is the form rarely met with. Collection U. S. National Museum.