

PLATE II.

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Fig. 1. ARCHÆOCYATHUS ATLANTICUS	73
1. Transverse section of the type specimen now in the Museum of the Geological Survey of Canada.	
1a. Longitudinal section of 1. At "a" the growth within the cup, spoken of in the text, is shown. The elongate body, "b," is probably a foreign body introduced into the cup.	
Fig. 2. LEPTOMITUS ZITTELI	89
2. View of the type specimen. Natural size.	
2a. Enlargement of a portion of 2, between the dotted lines. Collection U. S. National Museum.	
Fig. 3. ETHMOPHYLLUM PROFUNDUM	84
3. Portion of a cast of the interior of the outer wall, showing the openings in the septa. Collection U. S. National Museum.	
3a. View of the cup of a small specimen. Collection U. S. National Museum.	
3b. Longitudinal section showing the depth of the cup and the vesiculose character of the space between the walls. An enlarged view of the lower portion of this figure is shown on pl. i. Collection U. S. National Museum.	