

bear two crescentic depressions which face each other; their inner ends reach to the edge of the food groove; and partly inclosed between them is a third somewhat triangular depression pointing toward the food groove but situated nearer the outer edge of the

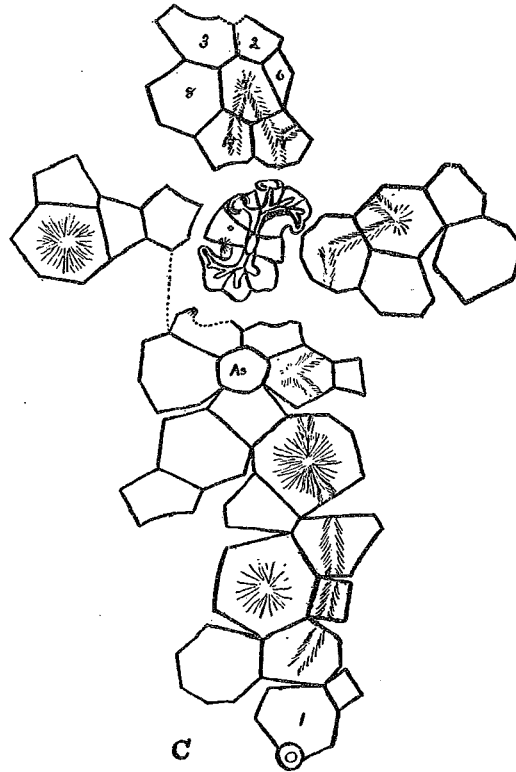


Fig. 3 Analysis of *Malocystites emmonsii*, specimen C [pl. 1, fig. 7]

plate. Surrounding all is a well rounded but not prominent ridge. The smallest plates seem to have had short extensions which were bent below the horizon of the sigma. Going toward the larger plates the angle of each truncate face gradually changes till we reach the larger and more vertical brachioles. The normal specimens have six grooves running into the posterior portion of the sigma and eight into the anterior portion, but it is difficult to determine whether these grooves represent so many separate plates. The last two are very small and I have as yet been unable to detect a suture between them.