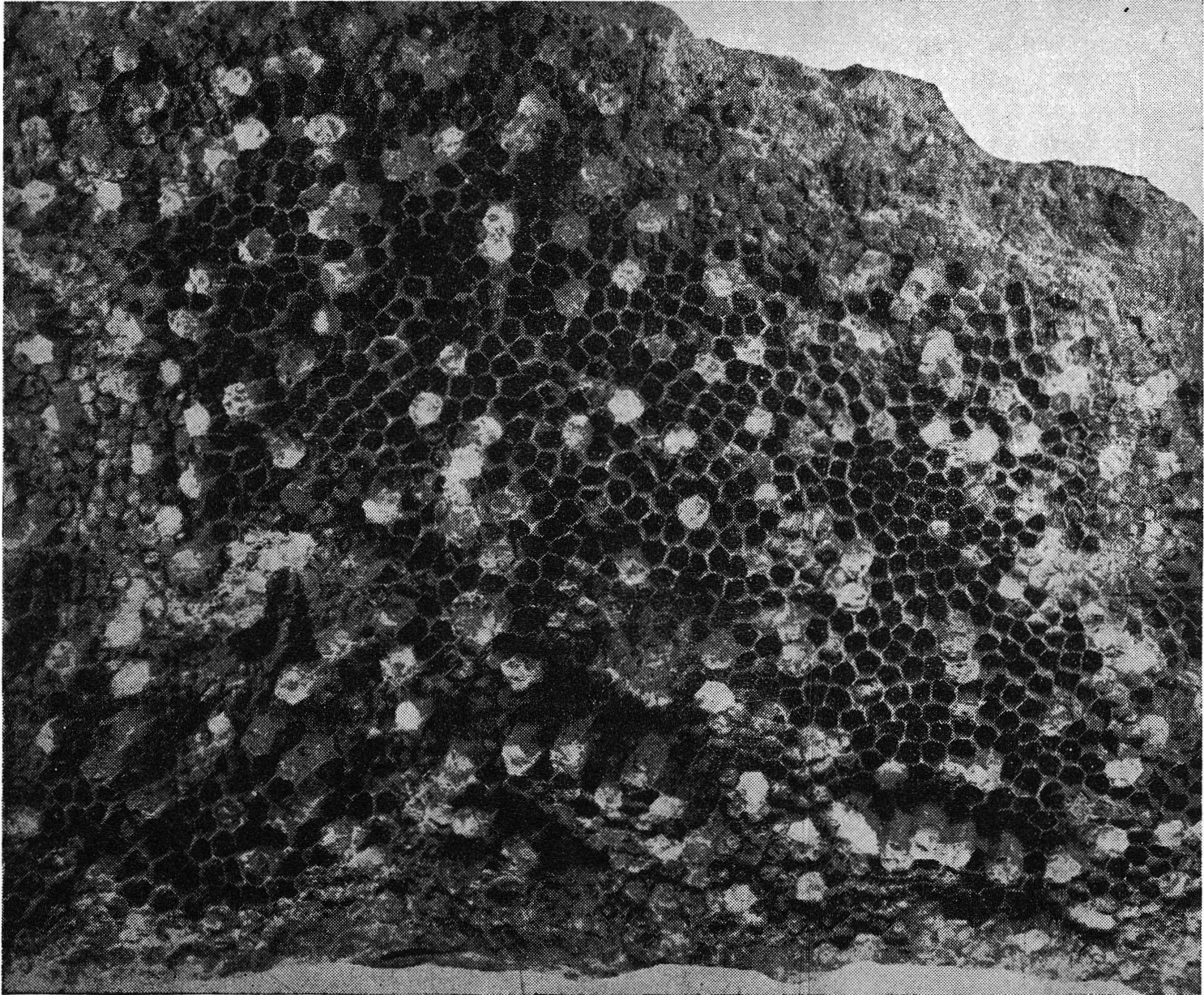


THE HOLOTYPE OF *FAVOSITES BILOCULI* HALL

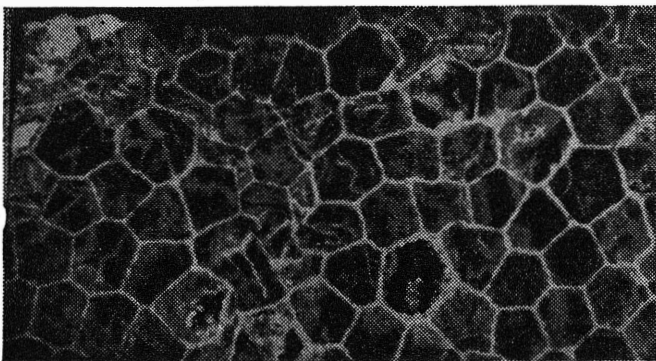
ERWIN C. STUMM

Museum of Paleontology, University of Michigan

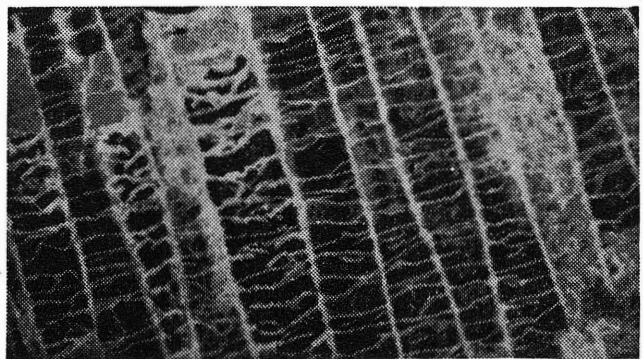
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a



b



c

TEXT-FIG. 1—a, distal surface of holotype of *Favosites biloculi* Hall,  $\times 1$ ; b, transverse section of holotype,  $\times 2$ ; c, longitudinal section of holotype  $\times 2$ .

James Hall, in his "Illustrations of Devonian Fossils" (1876 or 1877, pl. 7, fig. 2) figured a specimen which he indicated on the plate explanation to be *Favosites epidermata?* var. *biloculi*. No subsequent reference has been made to this species except that Fenton and Fenton (1936, p. 36) mentioned that the type had not been traced and "that there was no ground, therefore, on which *biloculi* may be retained." The holotype was recently found by Mr. C. W. Kilfoyle, Curator of the Paleontological Collections at the New York State Museum. I am very grateful to Mr. Kilfoyle for the opportunity to study the specimen.

It is especially fortunate that the type has been found as the species is common in the Lower Onondaga limestone of New York and southwestern Ontario, the Bois Blanc formation of Michigan, on the coral bed of the Jeffersonville limestone of the "Falls of the Ohio." The species is a true *Favosites* and has no close relationship to *Emmonsia epidermata* (Rominger).

#### SYSTEMATIC DESCRIPTION

Genus FAVOSITES Lamarck

FAVOSITES BILOCULI Hall

Text-fig. 1

*Favosites epidermata?* var. *biloculi* Hall, 1876 or 1877, pl. 7, fig. 2.

*Description*.—Corallum large, low hemispherical to discoid, composed of pentagonal or hexagonal corallites. Majority of corallites averaging 2.5 mm. in diameter with occasional ones having diameters ranging from 3.0 to 3.5 mm. Calyxes with erect, smooth walls and flat bases formed by the uppermost tabulae. Mural pores biserial or triserial, in parallel rows. In transverse section corallite walls smooth, with no trace of squamulae, septal spines, or septal ridges. In longitudinal section tabulae typically complete, horizontal or slightly undulating, spaced from .5 to 1.5 mm. apart.

*Remarks*.—The internal structures have been partly altered by silicification but are still discernible. The specific name *biloculi* refers to the two sizes of corallites.

*Occurrence*.—Middle Devonian, lower part of Onondaga limestone, Caledonia, New York.

*Type*.—Holotype No. 11265, New York State Museum.

#### REFERENCES

- HALL, JAMES, 1876 or 1877. Illustrations of Devonian Fossils: Corals of the Upper Helderberg and Hamilton groups. Weed Parsons and Company, Albany, New York.
- FENTON, C. L., & FENTON, M. A., 1936. The "Tabulate" corals of Hall's "Illustrations of Devonian Fossils." Ann. Carnegie Mus., v. 25.