

Genus—CLATHRODICTYON, *Nich. and Murie*CLATHRODICTYON OSTIOLATUM, *Nich.*—Plate II, Figs. 1-2 ;
Plate V, Figs. 7-8STROMATOPORA OSTIOLATA, *Nich.*, An. and Mag. Nat. Hist., ser. 4, 12 : 90,
pl. 5, fig. 1a, 1873.STROMATOPORA OSTIOLATA, *Nich.*, Palaeontology Prov. of Ontario, pl. 1,
fig. 1, 1a, 1874 ; p. 63, 1875.CLATHRODICTYON OSTIOLATUM, *Nich.*, Monograph British Stromatoporoids,
pt. i, p. 14, 1886.CLATHRODICTYON OSTIOLATUM, *Nich.*, An. and Mag. Nat. Hist., ser. 5,
19 : 12, pl. 3, figs. 1-3, 1887.CLATHRODICTYON OSTIOLATUM, *Whiteaves*, Palaeozoic Fossils, vol. iii, pt. 2,
p. 52, 1895.CLATHRODICTYON OSTIOLATUM, *Whiteaves*, Can. Rec. Sci., vol. vi No. 3,
1896.CLATHRODICTYUM OSTIOLATUM, *Clarke and Ruedemann*, Guelph Fauna
State of New York, N. Y. State Museum
Memoir 5, p. 37, pl. 1, figs. 10-12, 1903.CLATHRODICTYON OSTIOLATUM, *Whiteaves*, Palaeozoic Fossils, vol. iii, pt. iv,
p. 328, 1906.

Nicholson's description of this very remarkable form is in part as follows :—" Fossil forming large hemispherical masses, several inches in diameter, composed of innumerable delicate laminae, arranged concentrically, and separated by interspaces which are broken up by numerous slender vertical pillars, giving the whole a finely reticulate structure. The laminae are as thin as writing paper ; and, with the intervening interspaces, there are about ten of them in the space of one line. The upper surface of the mass is undulated and is quite smooth, except for the presence of rounded or conical elevations, perforated at the apex with rounded openings, and arranged with tolerable regularity in diagonal lines. These elevations have a width of half a line and appear to be of the nature of exhalant apertures or oscula. . . . Laterally the laminae and osculiferous surfaces instead of being concentrically arranged as regards the entire mass, terminate in a series of rounded, nipple-shaped prominences, each of which is composed of thin concentric laminae which scale off like the coats of an onion. . . . In the present species, intercalated among the general enveloping concentric laminae of the mass