

Silurian strata of the Ohio, and Niagara, by favour of Dr. Owen, of New Harmony, in which the cells are filled up with calcareous spar. The varied markings on many of the Babbicombe marbles, and Torquay pebbles, are derived from enclosed *Favosites* (*Wond.* p. 574.\*).

Many figures of this beautiful fossil are given by M. GOLDFUSS in his celebrated work on Organic Remains. The specimens selected for illustration (*Lign.* 66.) display the structure so clearly, that further description is unnecessary.

Another species (*Favosites Gothlandica*) occurs in masses of a subconical shape, and is very abundant in some of the Silurian limestones. A fragment, to show the structure, is figured *Lign.* 68, fig. 3.

CATENIPORA, (*Wond.* p. 572, fig. 3.).—Polyparium hemispherical, composed of vertical anastomosing lamellæ; cells tubular, oval, terminal, united laterally. The oval form of the cells when united laterally, and the flexuous disposition of the lamellæ, give rise in transverse sections to elegant catenated markings, from which appearance the fossil has received the name of *chain-coral*.† The species figured (*C. escharoides*) in *Wond.* is common in the Silurian limestones, and sometimes forms hemispherical masses more than a foot in diameter.

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\* The specimen figured is misnamed *Caryophyllia*.

† *Org. Rem.* Vol. II. Plate III, figs. 4, 5, 6.