

PLATE XXVIII.

Fig. 1. *COLUMNARIA STELLATA*. Niagara group, Point Detour.

2. *FAVOSITES OBLIQUUS*. Niagara group, Point Detour.

Figs. 3 and 4. *MICHELINIA CLAPPII*. Corniferous limestone, Port Colborne.

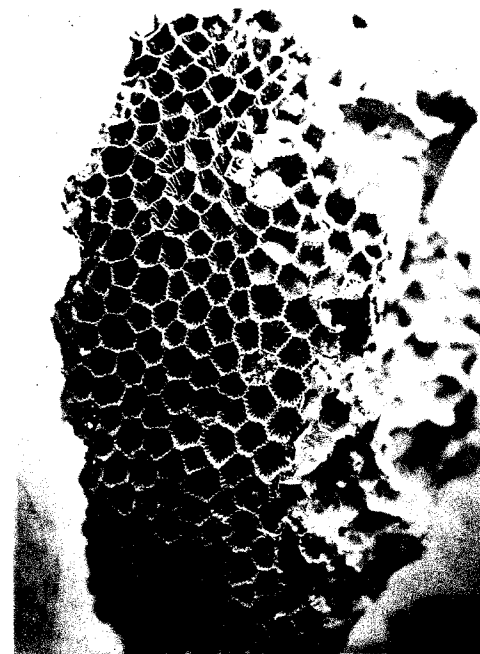
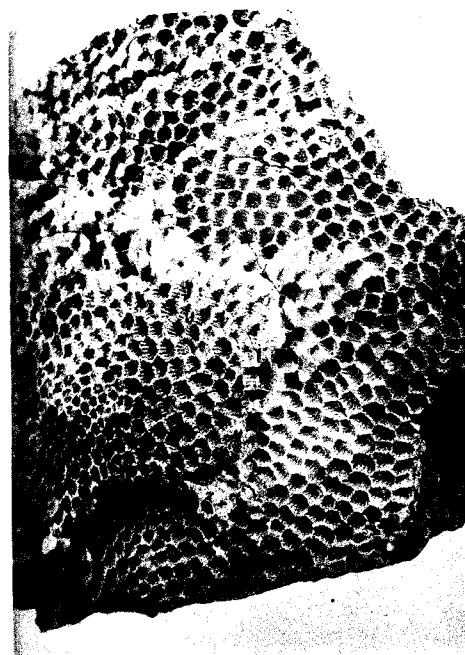


PLATE XXIX.

Figs. 1, 2, and 4. Varieties of *HALYSITES CATENULATUS*. Niagara group, Point
Detour.

Fig. 3. *HALYSITES COMPACTUS*. Niagara group, Epoufette Point.

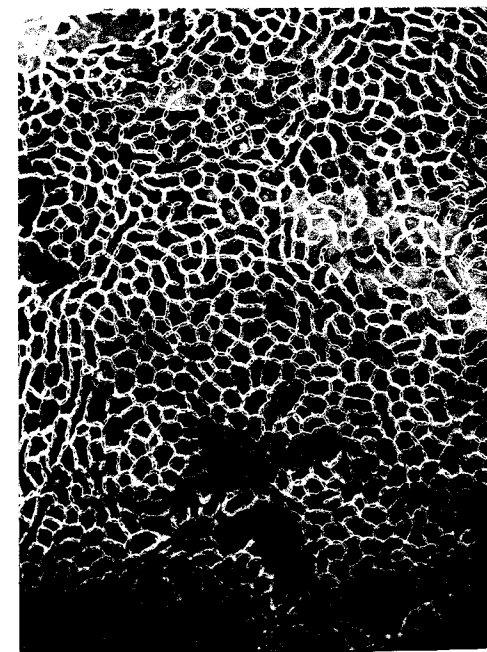
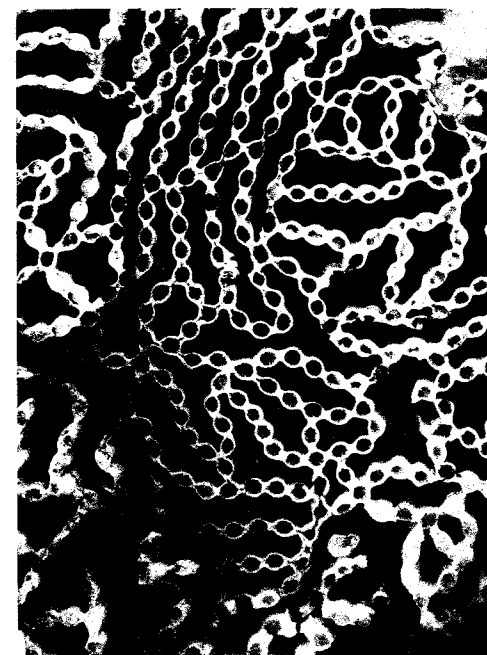


PLATE XXX.

Figs. 1 and 2. SYRINGOPORA VERTICILLATA. Niagara group, Point Detour.

Fig. 3. SYRINGOPORA FIBRATA. Niagara group, Drummond's Island.

4. ——— tenella. Niagara group drift.

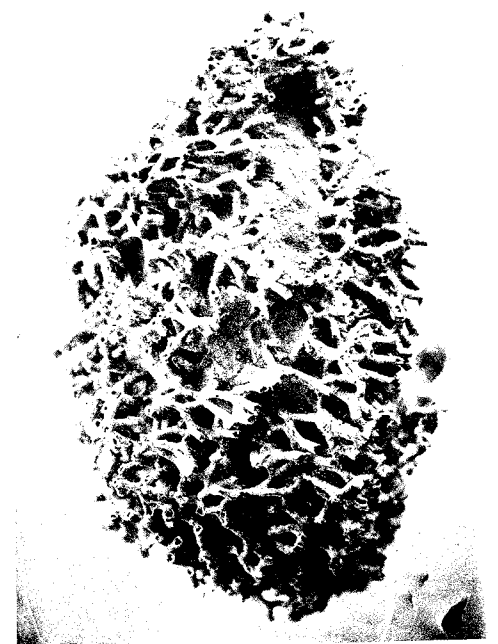
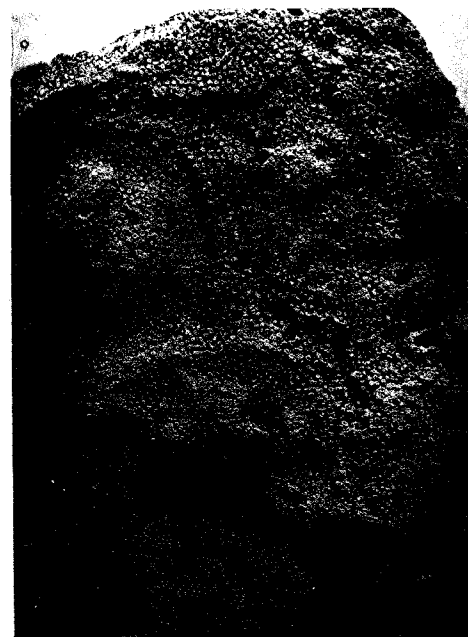


PLATE XXXI.

Figs. 1 and 2 SYRINGOPORA MACLUREI. Corniferous limestone drift. Basal expansion of Syringopora perelegans on the left lower corner of Fig. 2.

3 and 4. SYRINGOPORA PERELEGANS. Corniferous limestone, Falls of the Ohio.

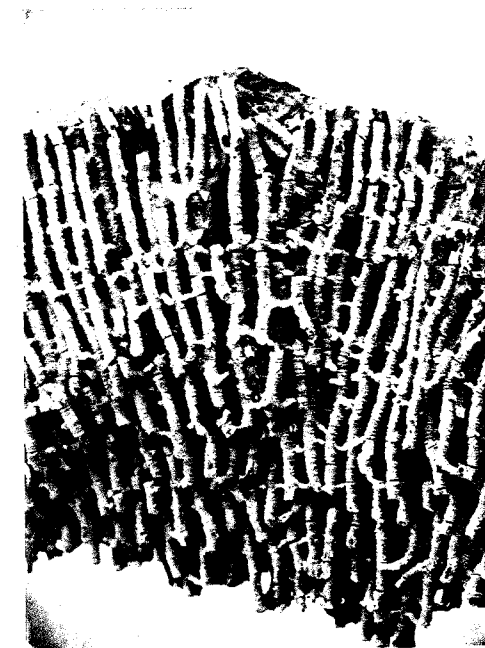
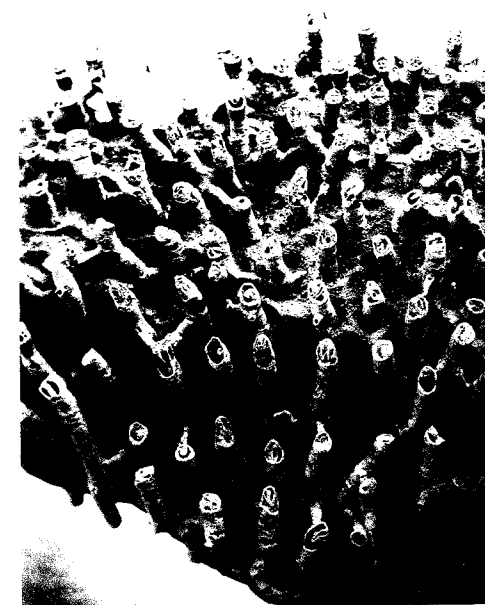


PLATE XXXII.

Upper tier, the two specimens above, *SYRINGOPORA TABULATA*, from the Falls of the Ohio.

Three lower specimens, *SYRINGOPORA HISINGERI*. Corniferous limestone drift.

Lower tier, left-hand specimens, *SYRINGOPORA ANNULATA*. Niagara group drift.

Central and right-hand specimens, *SYRINGOPORA NOBILIS*; the first from Hamilton group of Thunder Bay, the other from the corniferous limestone drift.

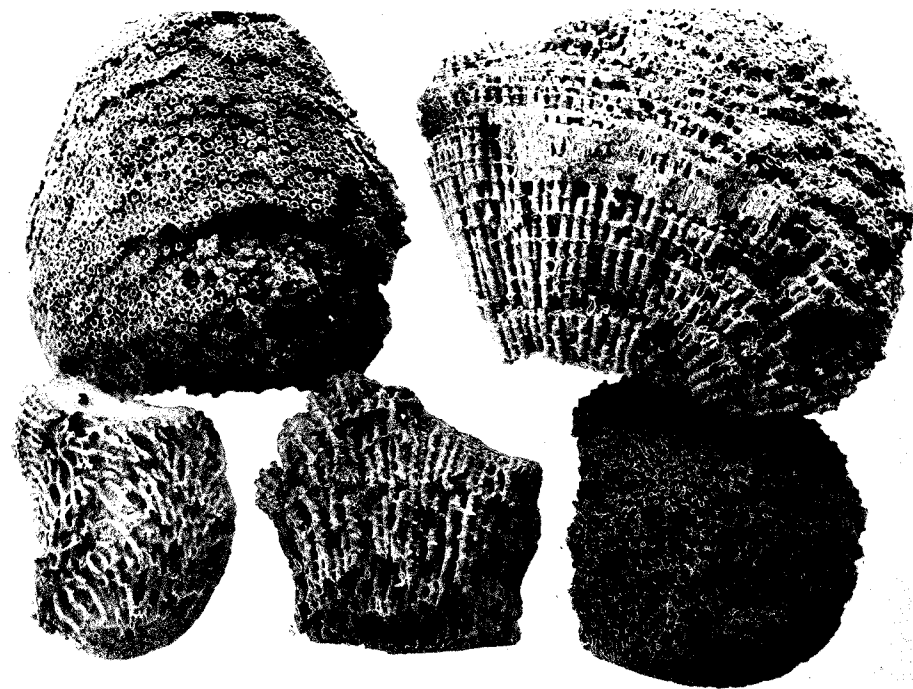


PLATE XXXIII.

Fig. 1. *AULOPORA CONFERTA*. Hamilton group, Little Traverse Bay.

2 ——— *serpens*. " "

3. *QUENSTEDTIA UMBELLIFERA*. Corniferous limestone drift.

4. Upper specimen, *AULOPORA ERECTA*. Hamilton group, Thunder Bay.

Lower right hand specimen, *CANNAPORA JUNCIFORMIS*. Clinton group,
Brockport, N. Y.

Left-hand specimen, *CANNAPORA JUNCIFORMIS*. Niagara group, Point De-
tour.

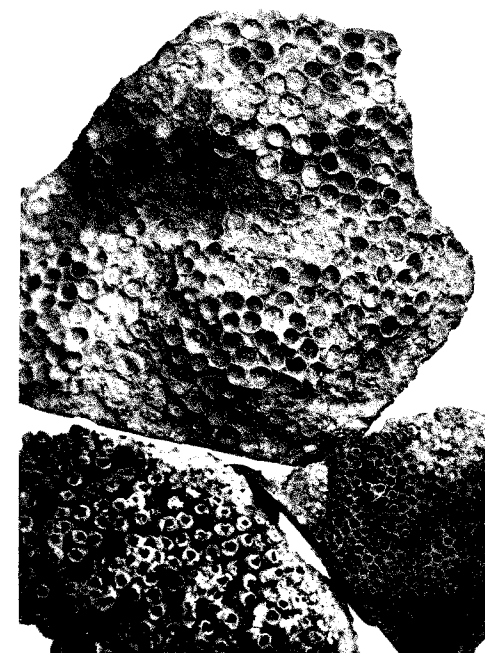
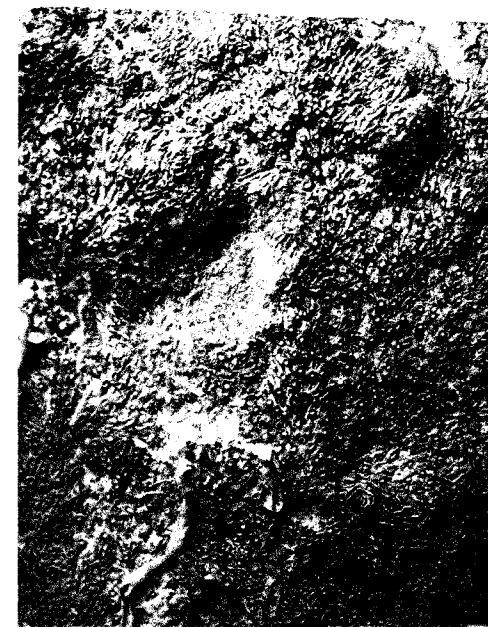


PLATE XXXIV.

- Fig. 1. *COLUMNARIA ALVEOLATA*. Trenton group, St. Joseph's Island.
 2. ——— *alveolaris*. Trenton group, Escanaba River.
 3. ——— *stellata*. Hudson River group, Drummond's Island.
 4. ——— *alveolata*. Trenton group, Dixon, Illinois.

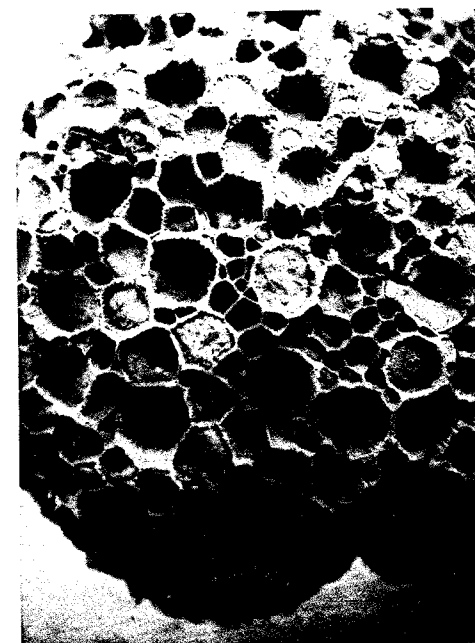
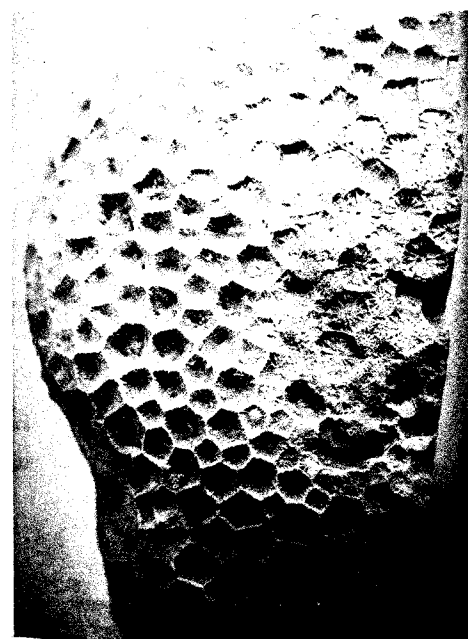


PLATE XXXV.

Upper tier, three specimens on left side, *CYATHOPHYLLUM HALLEI*. Hamilton group, Widder.

Upper specimen in centre, same species, from Thunder Bay.

Three specimens on the right with more delicate structure, *CYATHOPHYLLUM JUVENIS*. Hamilton group, Widder.

Lower tier, two left-hand specimens, *CYATHOPHYLLUM ZYPHUS*. Hamilton group, Long Lake.

Group on the right side, *CYATHOPHYLLUM CORNICULA*. Corniferous limestone.

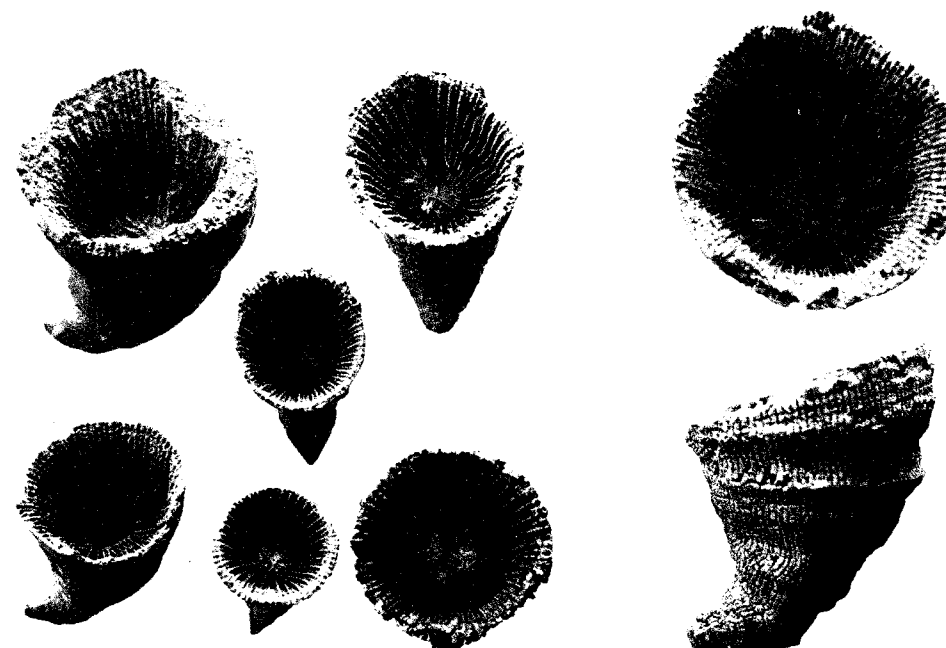


PLATE XXXVI.

Upper tier, *CYATHOPHYLLUM HOUGHTONI*. Hamilton group, Little Traverse Bay.
 Lower tier, ——— *geniculatum*. Hamilton group, Partridge Point.

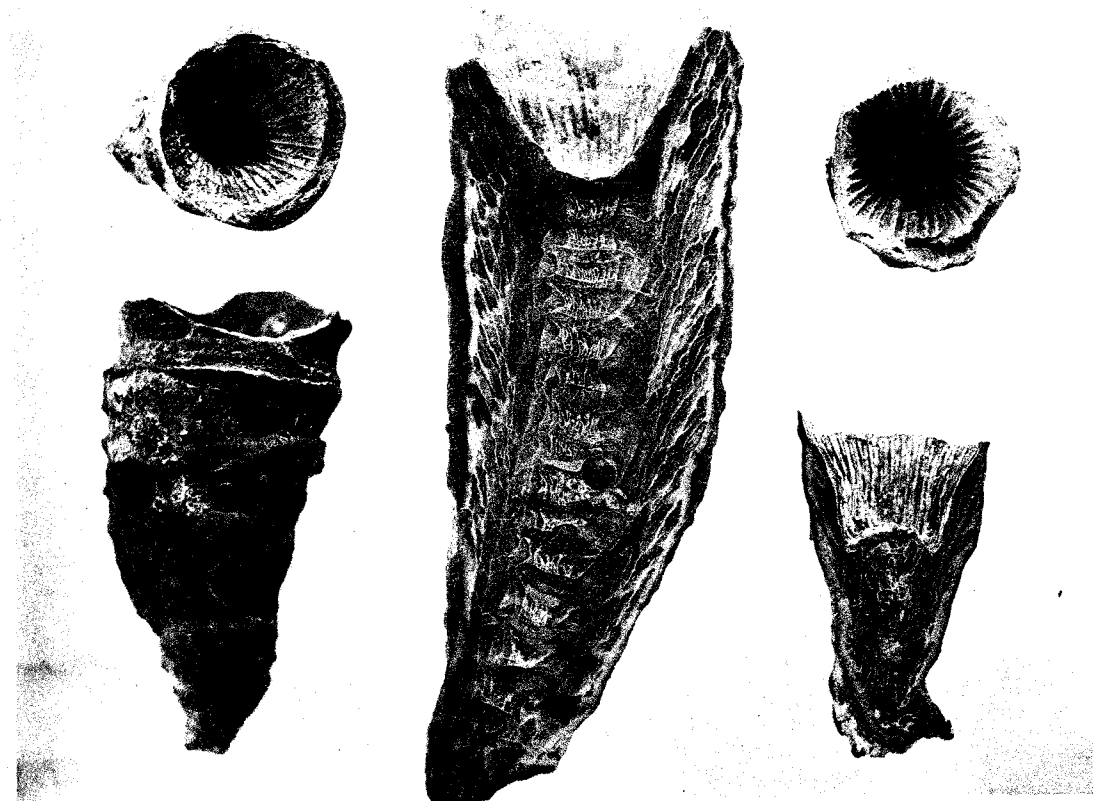


PLATE XXXVII.

- Figs. 1 and 2. *CYATHOPHYLLUM RUGOSUM*. Helderberg group, Sandusky.
 Fig. 3. *PHILLIPSTRÆA GIGAS*. Helderberg group, Mackinac Island.
 4. *CYATHOPHYLLUM DAVIDSONI*. Hamilton group, Little Traverse Bay.

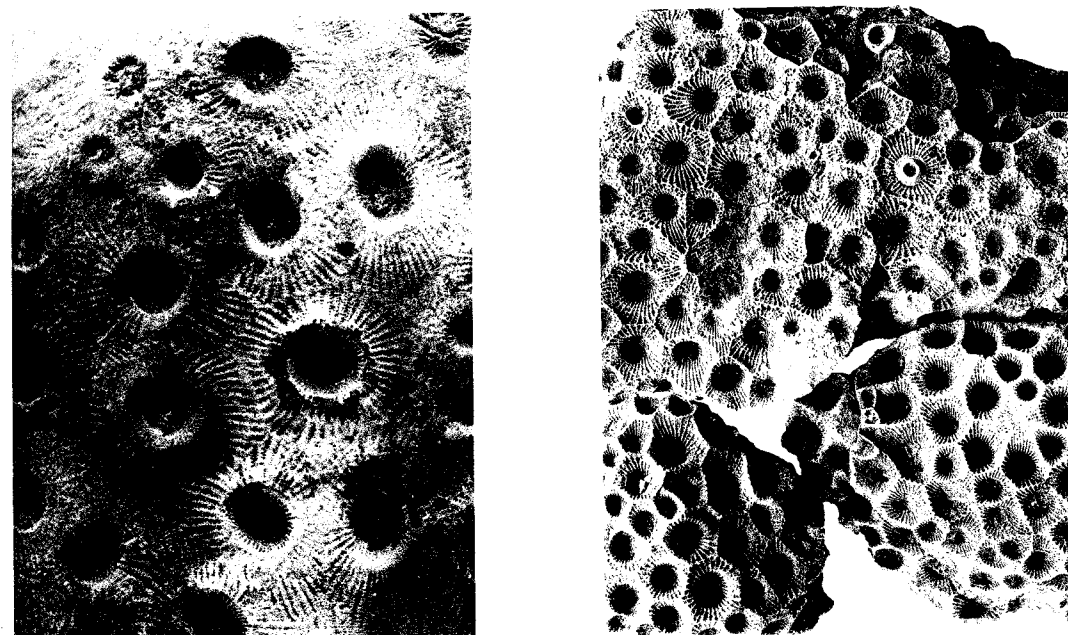
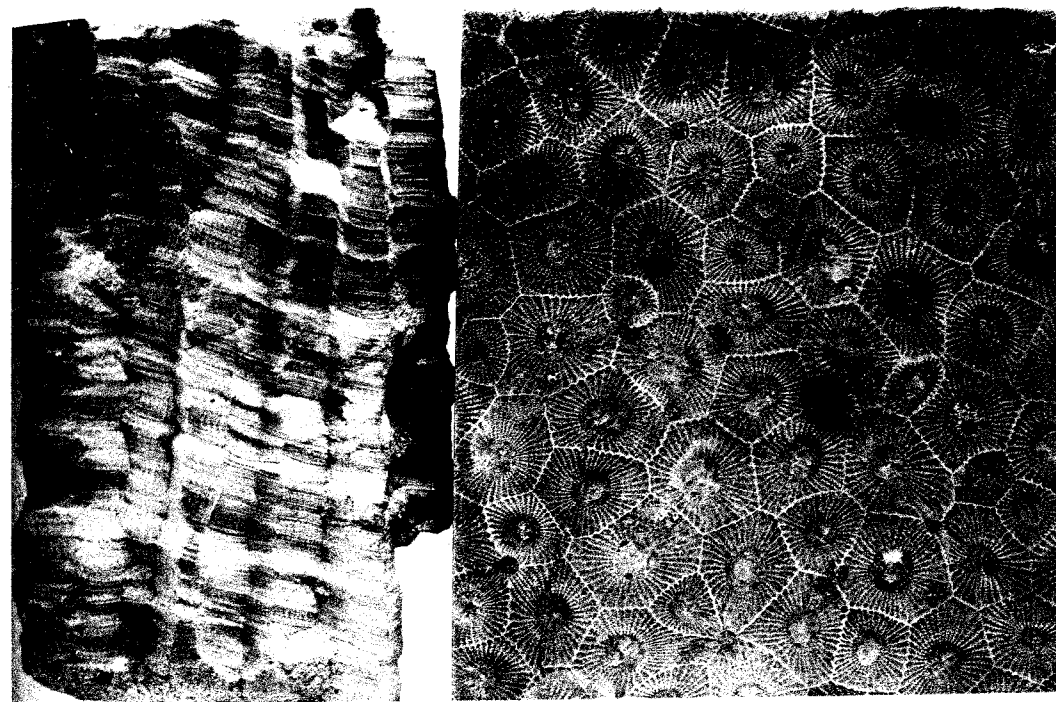


PLATE XXXVIII.

- Fig. 1. STROMBODES ALPENENSIS. Hamilton group, Thunder Bay.
 2. PHILLIPSTRÆA VERNEULLI. Corniferous limestone drift.
 3. DIPHYPHYLLUM COLLIGATUM. " "
 4. CYATHOPHYLLUM COALITUM. " "

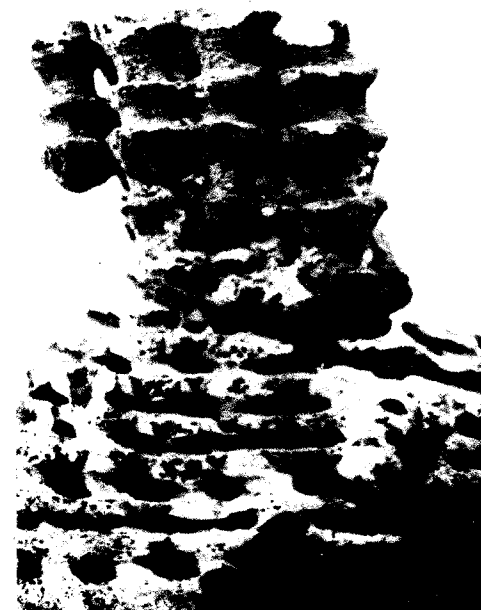
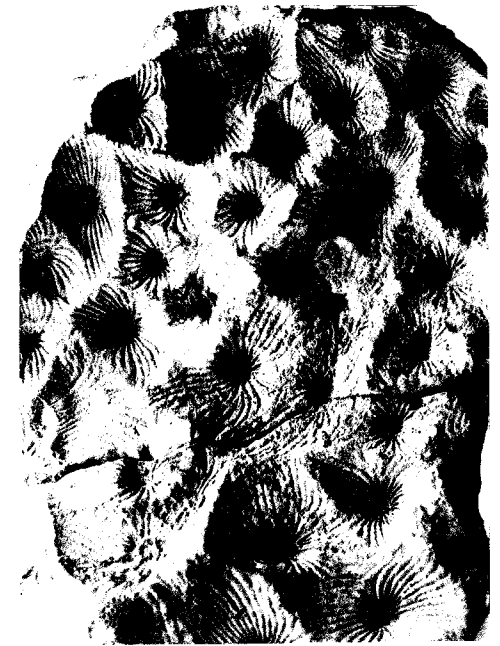
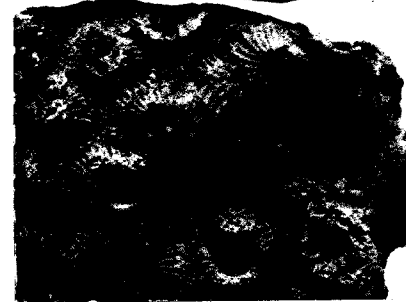
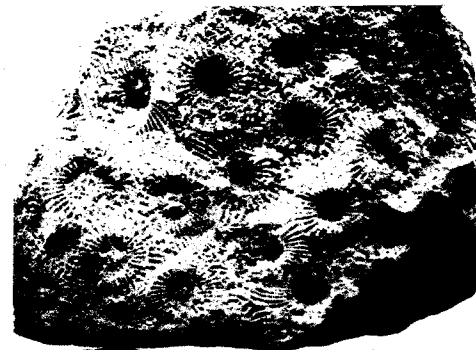


PLATE XXXIX.

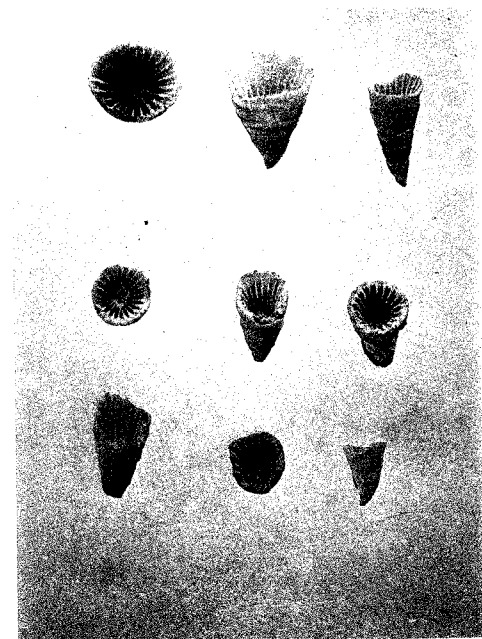
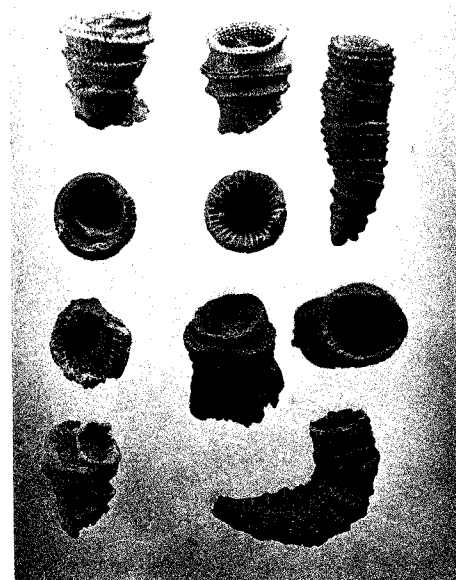
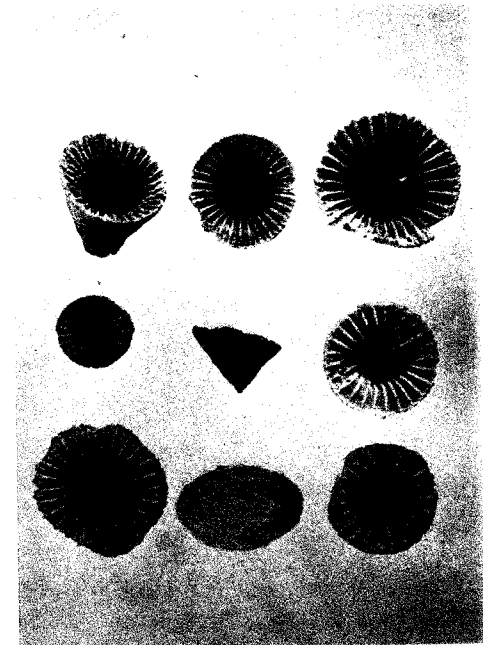
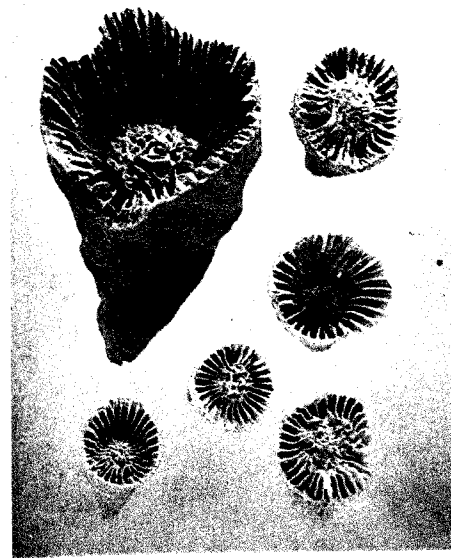
Fig. 1. STREPTELASMA PATULA. Niagara group, Point Detour.

2. ——— spongaxis. " "

3. CYATHOPHYLLUM RADICULA. " Drummond's Island.

Two elongated specimens on the right a somewhat different form. Louisville.

4. STREPTELASMA CONULUS. Niagara group, Point Detour.



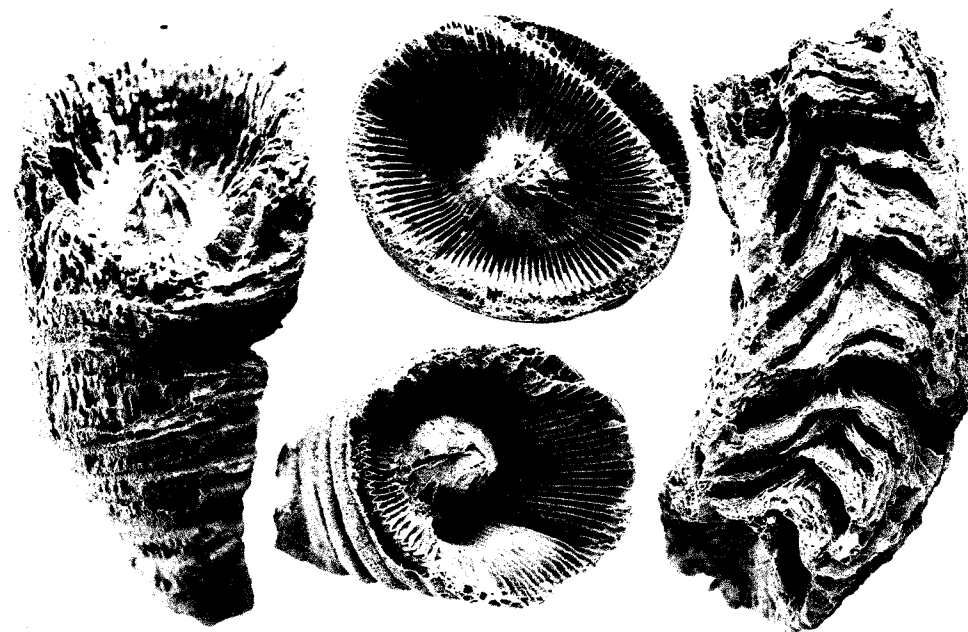


PLATE XL.

Upper tier, *CLISIOPHYLLUM ONEIDAENSE*. Corniferous limestone, Falls of the Ohio.

Lower tier, *ZAPHRENTIS CONIGERA*. Corniferous limestone, Falls of the Ohio.

Upper central specimen from the Island of Mackinac.



PLATE XLI.

BLOTHROPHYLLUM DECORTICATUM. Corniferous limestone, Falls of the Ohio.

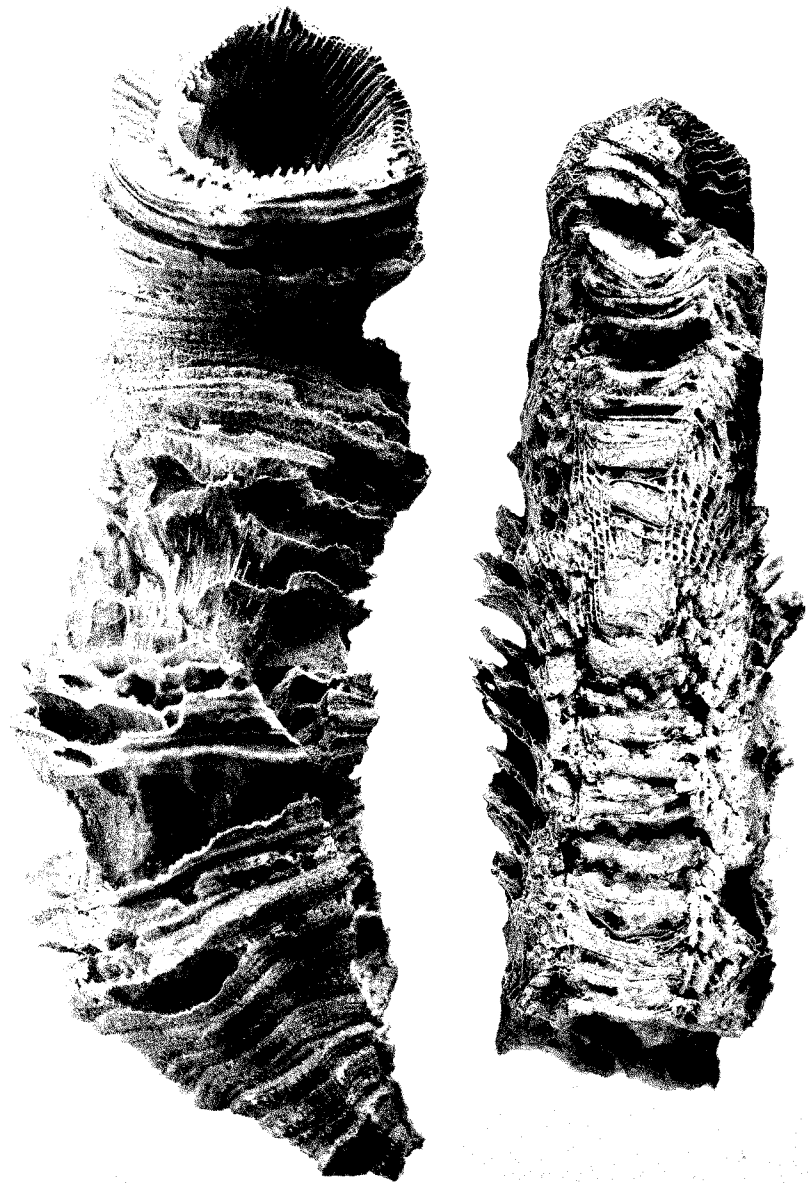


PLATE XLII

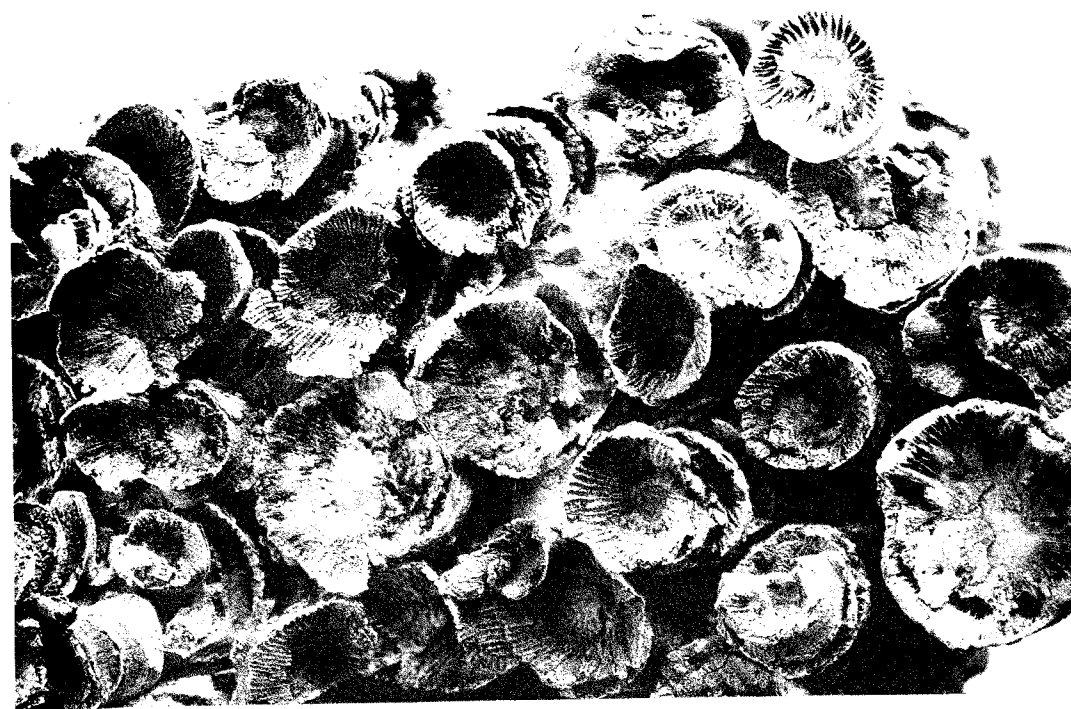


PLATE XLIII.

BLOTHROPSYLLUM CESPITOSUM. Niagara group, Point Detour.



PLATE XLIII.

CHONOPHYLLUM MAGNIFICUM. Corniferous limestone, Falls of the Ohio.

Two upper and right-hand lower figures, CHONOPHYLLUM PONDEROSUM.
Hamilton group, Thunder Bay.

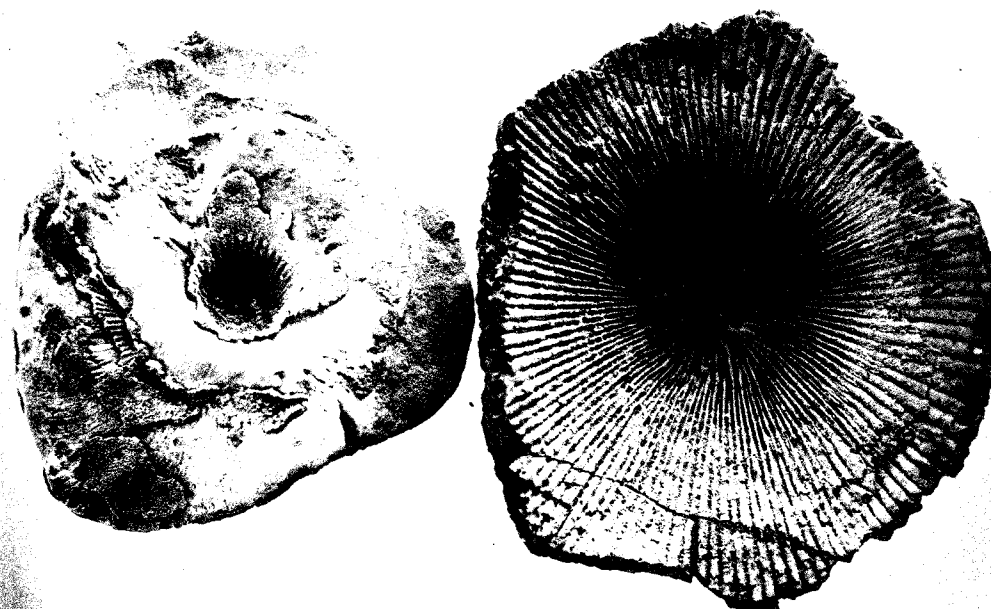
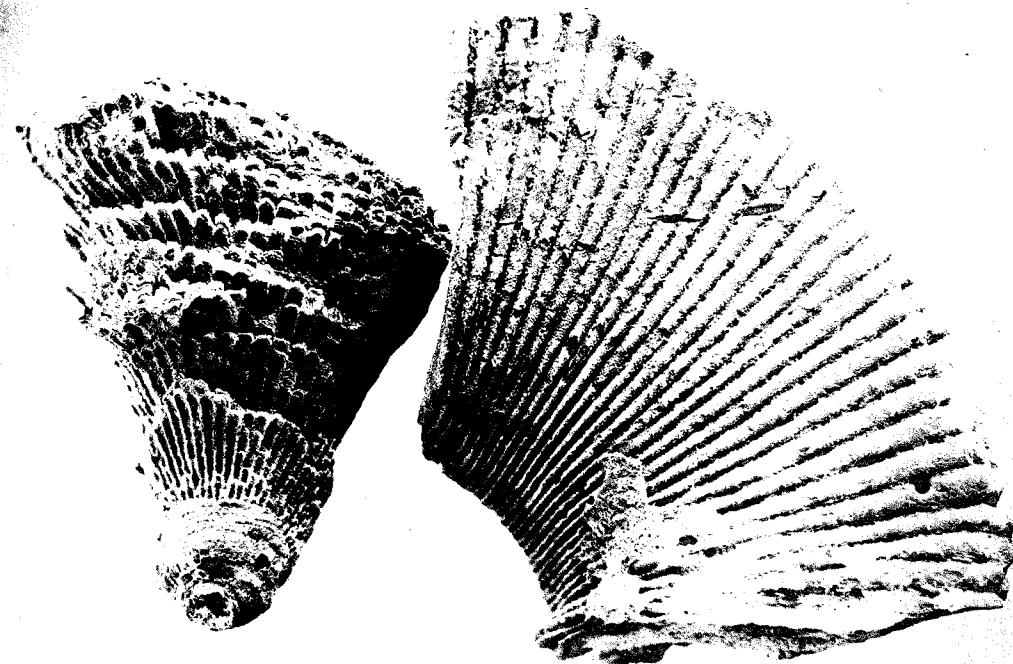


PLATE XLIV



PLATE XLIV.

Figures in upper tier, *OMPHYMA STOCKESII*. Niagara group, Point Detour.
 Figures in lower tier, ——— *verrucosa*. “ “



PLATE XLV.

- Fig. 1. *DIPHYPHYLLUM HURONICUM*. Niagara group, Point Detour.
 2. ——— *rugosum*. " Louisville.
 Figs. 3 and 4. *DIPHYPHYLLUM MULTICAULE*. " drift.

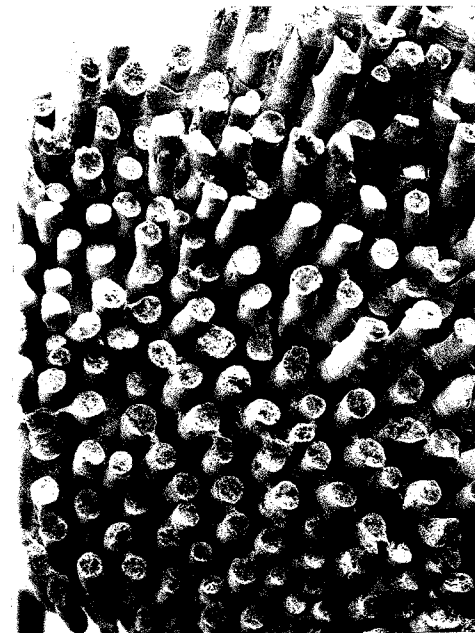




PLATE XLVI.

Fig. 1. *DIPHYPHYLLUM GIGAS*.

2. ——— stramineum.

Figs. 3 and 4. ——— Simcoense. All corniferous limestone forms.



PLATE XLVII.

Upper tier, *DIPHYPHYLLUM ARCHIACI*. Helderberg group, Sandusky.

Fig. 4. Same species, from Hamilton group, Thunder Bay.

3. *DIPHYPHYLLUM PANICUM*. Hamilton group, Little Traverse Bay.

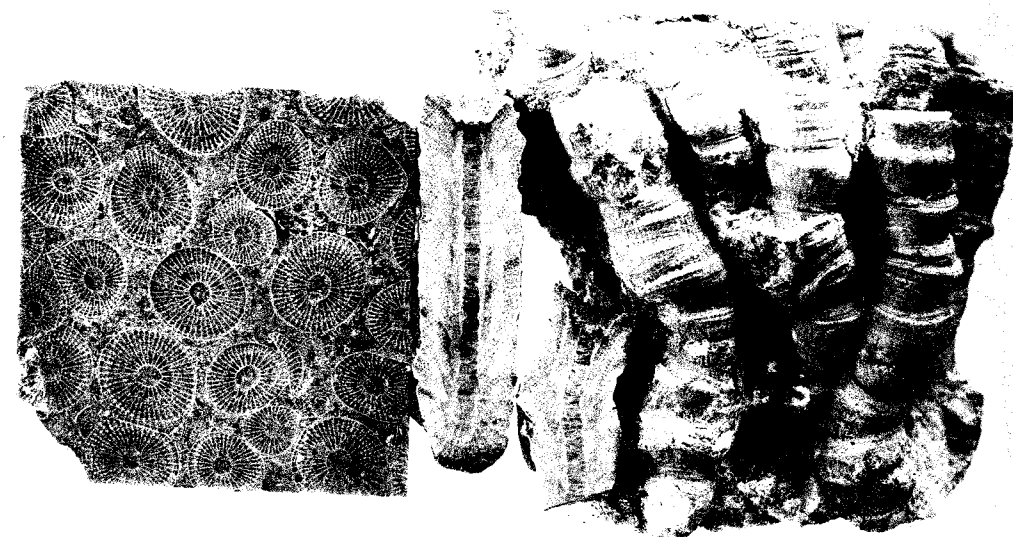


PLATE XLVIII.

Fig. 1. STROMBODES STRIATUS.

- 2. ——— pentagonus.
- 3. ——— pygmæus.
- 4. ——— mamillatus. All from Niagara group, Drummond's Island.

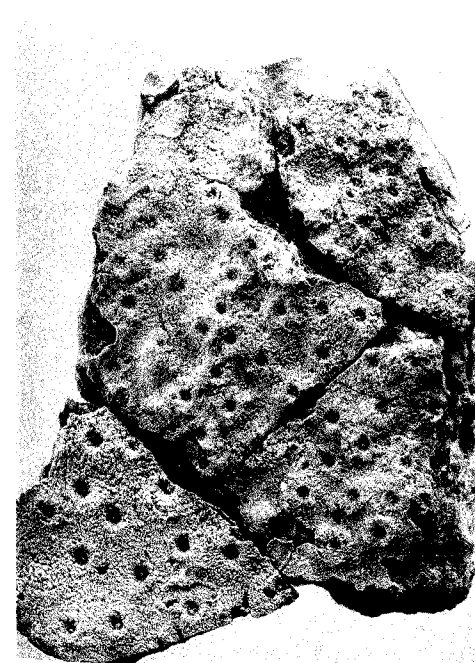
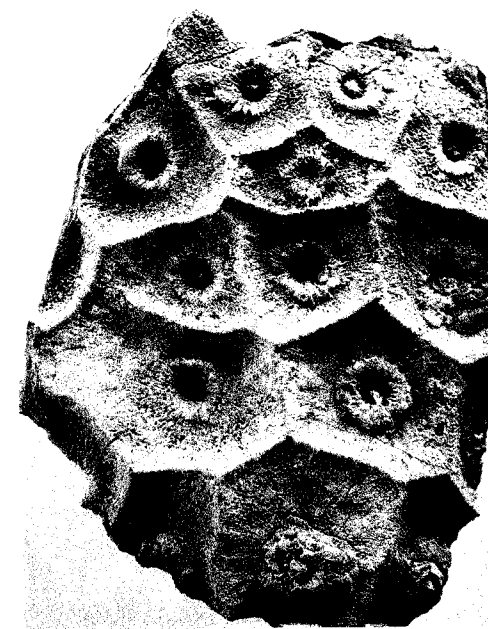


PLATE XLIX.

Upper tier, right-hand figure, *VESICULARIA MAJOR*. Niagara group, Drummond's Island.

Left-hand figure, *VESICULARIA MINOR*. Niagara group, Iowa.

Lower tier, right-hand figure, *VESICULARIA VARIOLOSA*. Niagara group, Point Detour.

Left-hand figures (Fig. 3), *CYSTIPHYLLUM NIAGARENSE*. Niagara group, Iowa and Michigan.

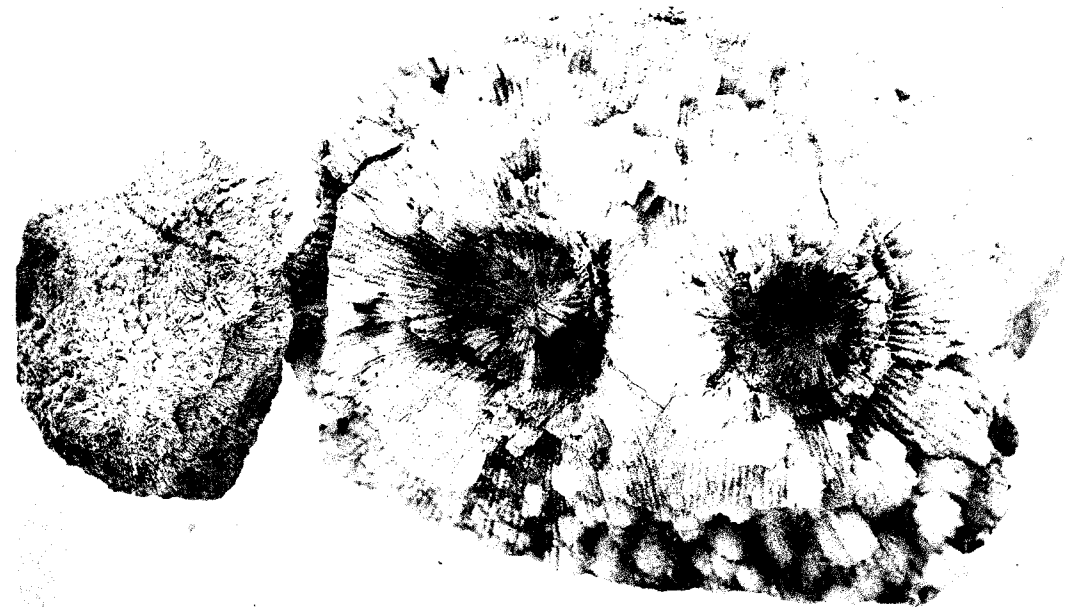


PLATE L.



PLATE L.

Upper tier, *CYSTIPHYLLUM AMERICANUM*, various forms. Hamilton group, Thunder Bay and Widder.

Fig. 4. In lower tier, same species, from the corniferous limestone.

3. *CYSTIPHYLLUM SULCATUM*. Corniferous limestone, Port Colborne, C. W.

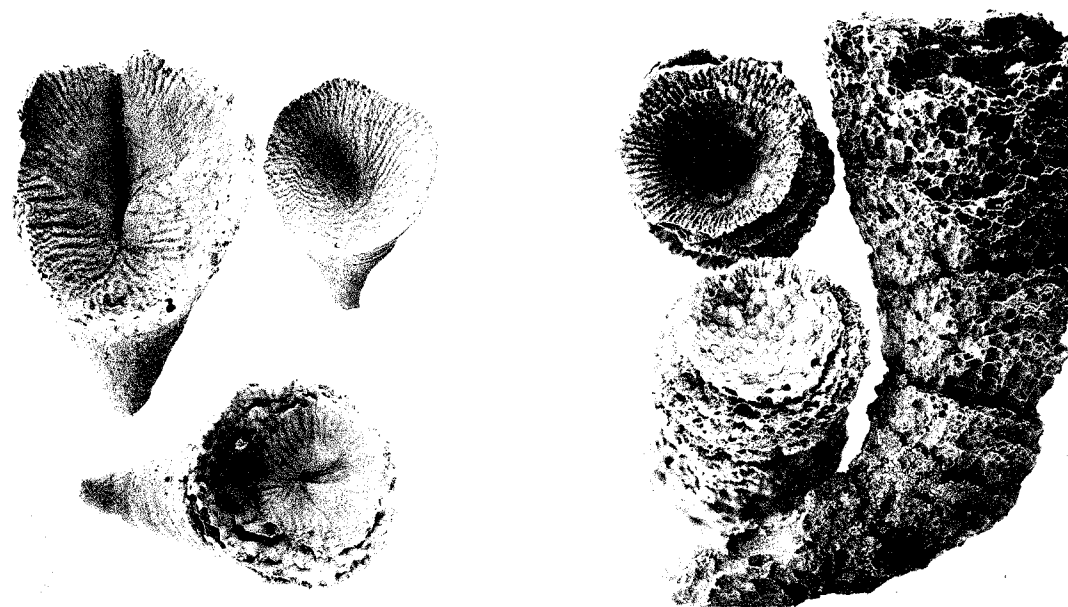


PLATE LI.

Upper tier, *STREPTELASMA CORNICULUM*. Four specimens on left side from the Trenton group of Michigan.

Group of seven specimens on right side found in the Hudson River group ; the largest one on Drummond's Island, the others at Richmond, Indiana.

Lower tier, upper central specimen, and lowest one in the right corner, *ZAPHRENTIS UMBONATA*.

Other specimens, excepting the left outer and the third in the lower row, are forms of *ZAPHRENTIS STOCKESII*, found at Point Detour, in the Niagara group.

The two excepted lower specimens on the plate are not nearer determined.



PLATE LII.

ZAPHRENTIS GIGANTEA. Corniferous limestone, Falls of the Ohio.



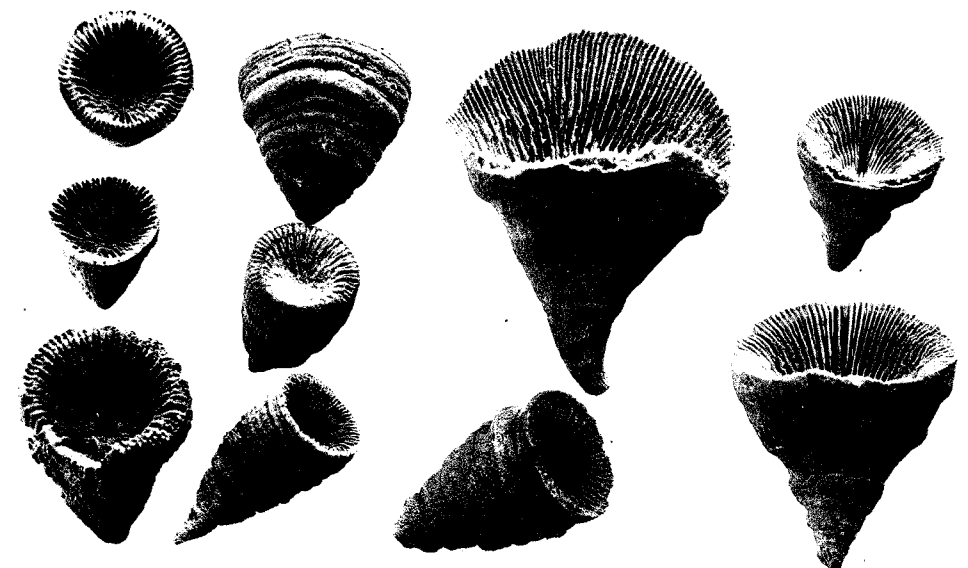
PLATE LIII.

Upper tier, *ZAPHRENTIS PROLIFICA*. Corniferous limestone.

Lower tier, seven specimens in the left-hand group, *ZAPHRENTIS EXIGUA*. Corniferous limestone from various localities.

Two right-hand specimens, *ZAPHRENTIS UNGULA*. Corniferous limestone Falls of the Ohio.

Largest central specimen, *ZAPHRENTIS COMPRESSA*, from Falls of the Ohio.



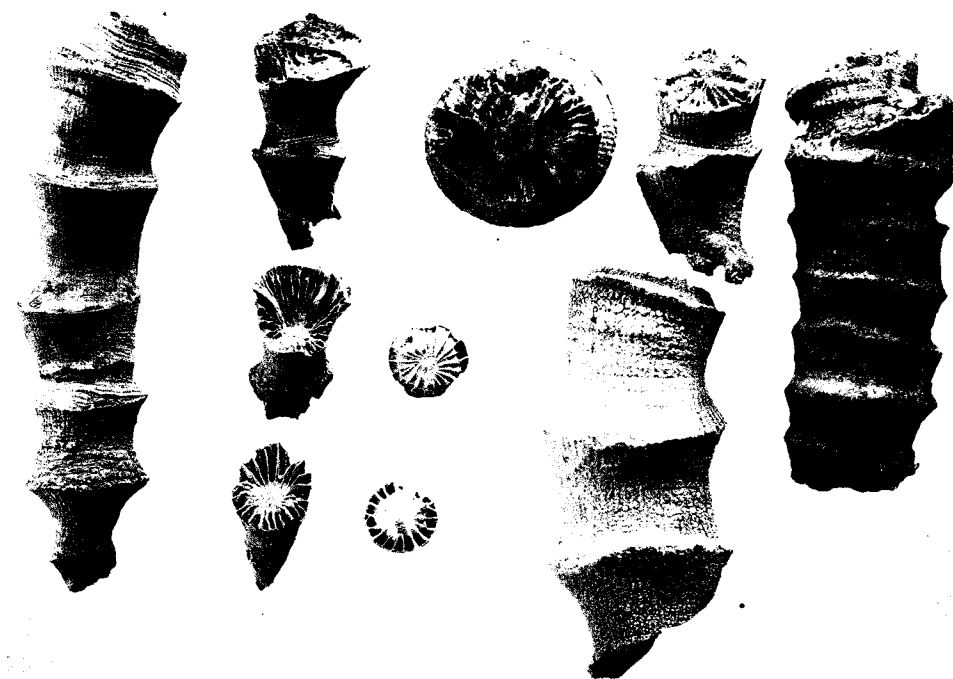


PLATE LIV.

Upper tier, AMPLEXUS SHUMARDI. Niagara group, Michigan, Iowa, and Tennessee.
 Lower tier, ——— Yandelli. Corniferous limestone, Michigan and Falls of
 the Ohio.



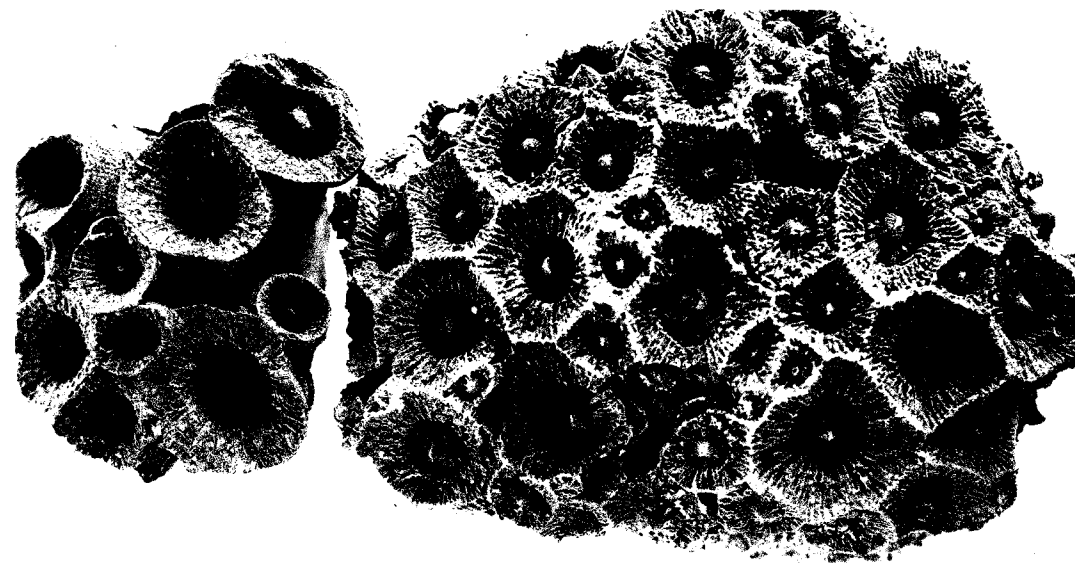


PLATE LV.

Upper tier, *LITHOSTROTION MAMILLARE*. Subcarboniferous limestone, Wild Fowl Bay, Michigan.

LITHOSTROTION PROLIFERUM, lowest transverse stem.

Lower tier, single small specimen to the right, *ZAPHRENTIS NODULOSA*. Corniferous limestone drift.

Group of five specimens to the left of the former, *ZAPHRENTIS SPINULOSA*. Subcarboniferous limestone, Bellevue, Michigan.

