

PLATE 111.

ERIDOPHYLLUM HURONICUM.

Portion of longitudinal section through corallum, from the stratum  
of white clay of the Upper Niagara, ten feet below the Niagara  
and Devonian passage-beds, near Louisville.

Collection of the author.

KENTUCKY GEOLOGICAL SURVEY.

PLATE 111.



PLATE 112.

ERIDOPHYLLUM SIMCOENSE.

*Devonian.*

1. Lateral view of coralllets, from the Lower Devonian, Falls of the Ohio.

ERIDOPHYLLUM ARUNDINACEUM.

*Devonian.*

2. Lateral view of coralllets, partly imbedded in rock matrix, from the Lower Devonian, Falls of the Ohio.

DIPHYPHYLLUM ARCHIACI.

*Devonian.*

3. View of the upper surface of a corallum, whose coralllets are above the average size; from the dark-red encrinal-limestone clay of the Upper Devonian, near Louisville. These specimens are from the collection of the author.

KENTUCKY GEOLOGICAL SURVEY.

PLATE 112.

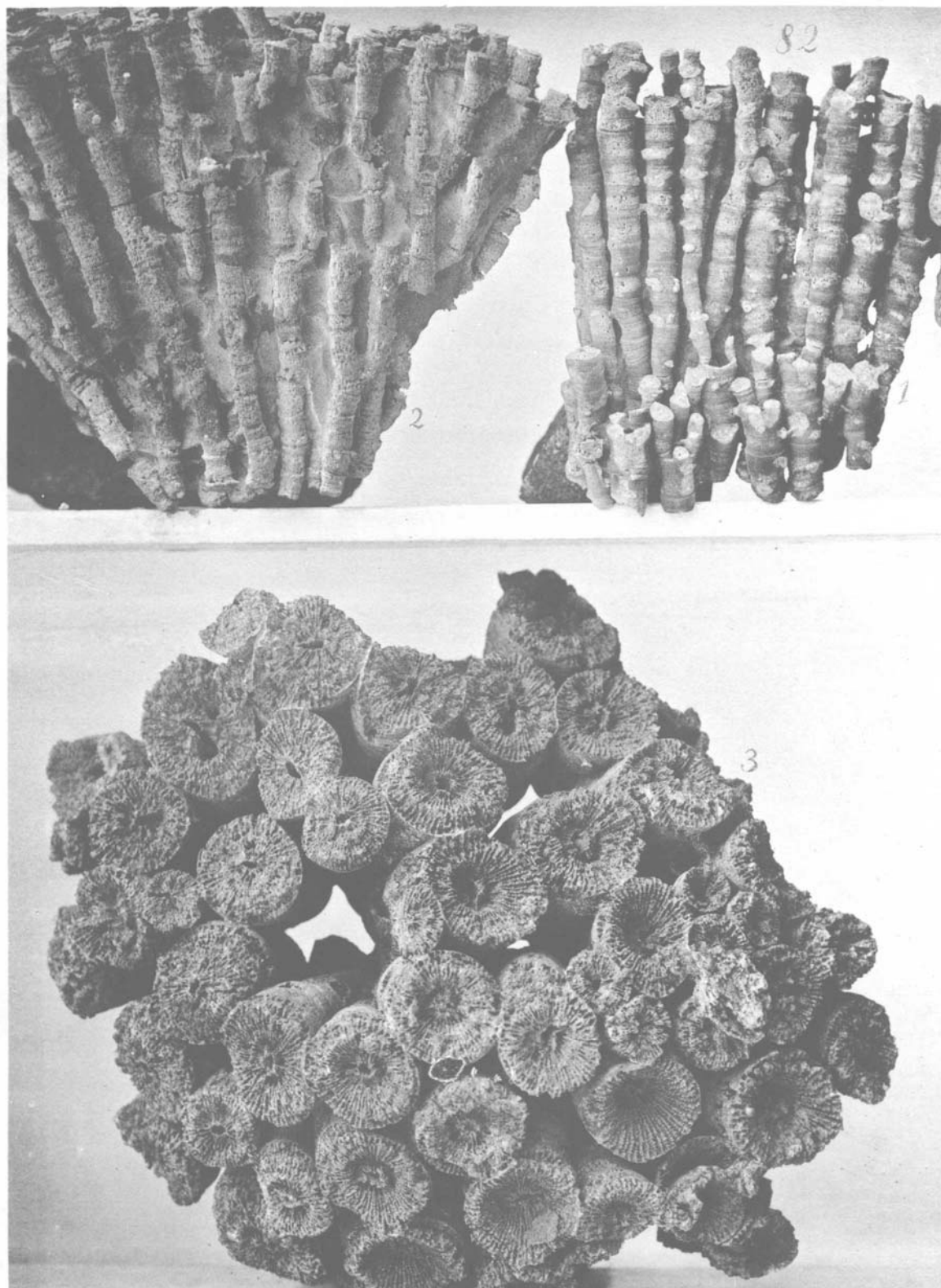


PLATE 113.

DIPHYPHYLLUM ARCHIACI.

*Devonian.*

1. Lateral view of specimen figured in Plate 112, Fig. 3.

DIPHYPHYLLUM VERNEUILANUM.

*Devonian.*

2. Lateral view of a fragment, from the Middle Devonian rocks, Falls of the Ohio. Collection of Dr. Knapp.

CYATHOPHYLLUM DAVIDSONI.

*Devonian.*

3. View of the upper surface of a corallum, from the Middle Devonian rocks, Falls of the Ohio. Collection of the author.

KENTUCKY GEOLOGICAL SURVEY.

PLATE 113.

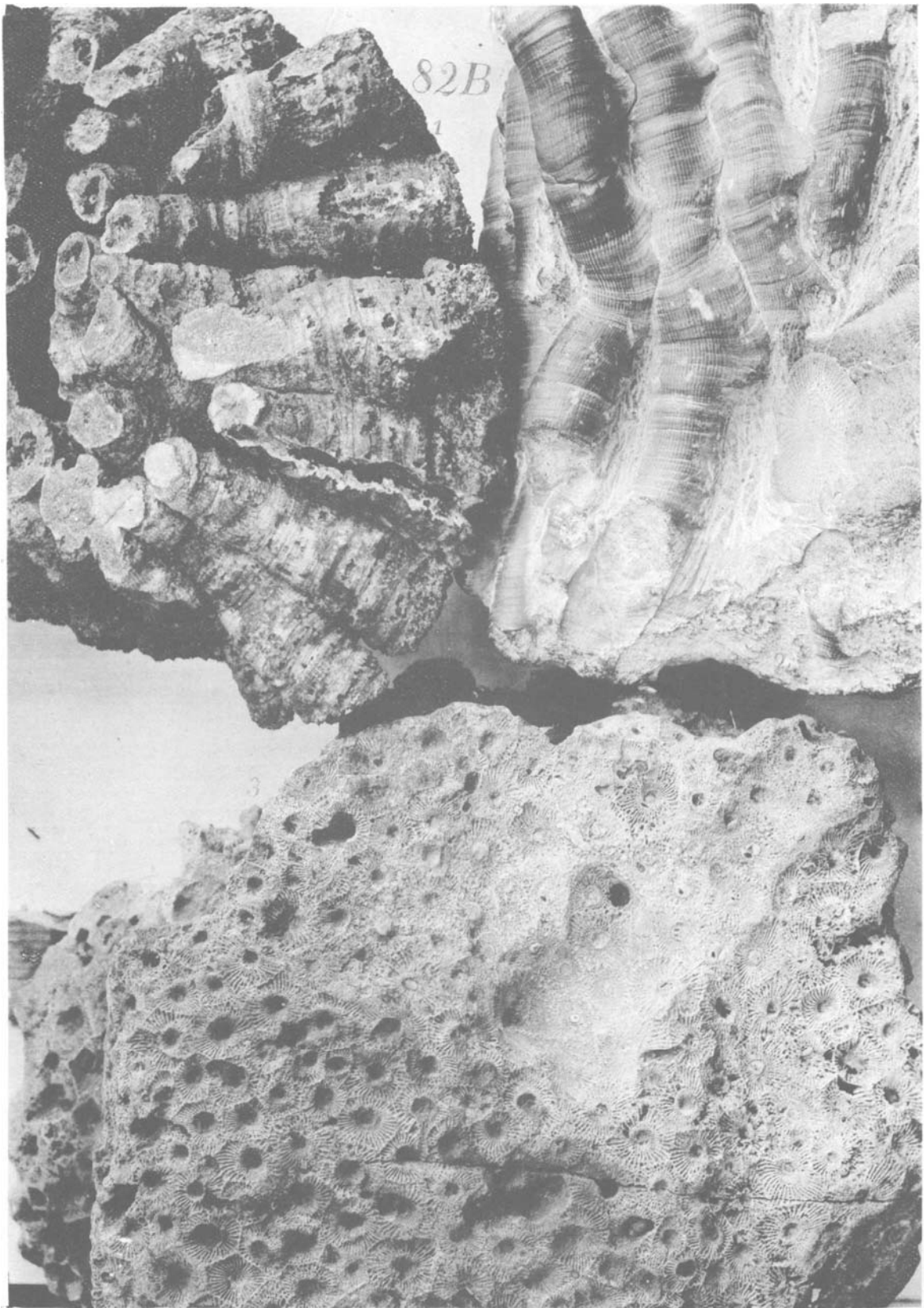


PLATE 114

DIPHYPHYLLUM STRICTUM.

*Devonian.*

View of the upper surface of a corallum,  
Devonian rocks, Falls of the Ohio.

from the Middle

Collection of the author.

KENTUCKY GEOLOGICAL SURVEY.

PLATE 114.

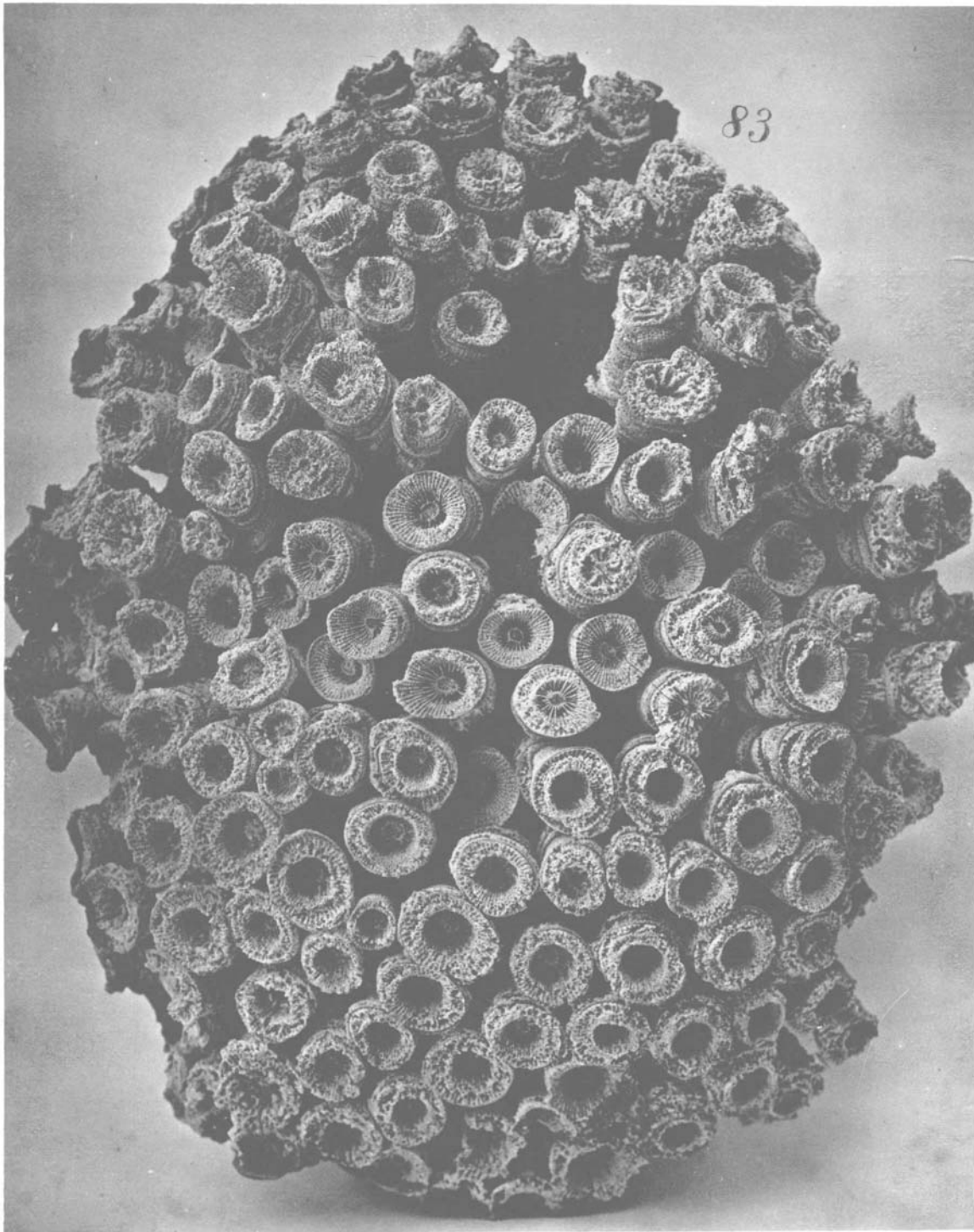




PLATE 115.

DIPHYPHYLLUM GIGAS.

*Devonian.*

1. Lateral view of a weathered corallum, from the Middle Devonian rocks, Falls of the Ohio.
2. View of the upper surface of a fragment, from the Middle Devonian red clay, near Louisville.

DIPHYPHYLLUM PANICUM.

*Devonian.*

3. 4. View of the upper surfaces of small coralla, from the Middle Devonian red clay, near Louisville.
- Collection of the author.

KENTUCKY GEOLOGICAL SURVEY.

PLATE 115.

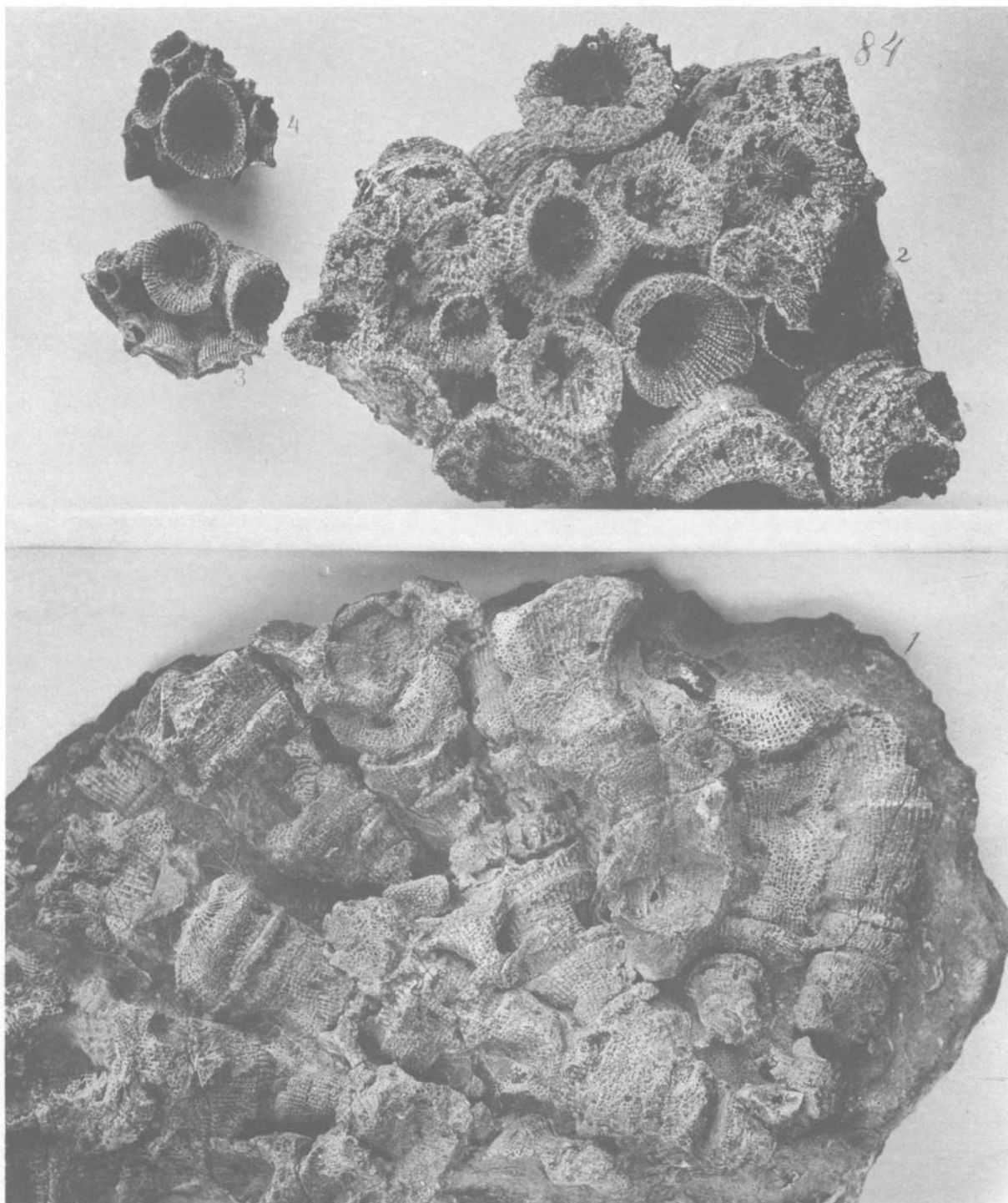


PLATE 116.

DIPHYPHYLLUM CONJUNCTUM, Nov. Spec.

*Devonian.*

1. View of the upper surface of a corallum, from the Middle Devonian rocks, Falls of the Ohio.
2. View of the upper surface of a corallum, showing the up-springing of young corallets from the floors of the polygonally compressed older calyces; from the ferruginous clay of the upper strata of the Middle Devonian, Falls of the Ohio.
3. Vertical section of a fragment, from the horizon and locality of the preceding specimen.

DIPHYPHYLLUM BELLIS, Nov. Spec.

*Devonian.*

4. Oblique view of the upper surface of a corallum, from the upper rock strata of the Middle Devonian, Falls of the Ohio.

Collection of the author.

KENTUCKY GEOLOGICAL SURVEY.

PLATE 116.

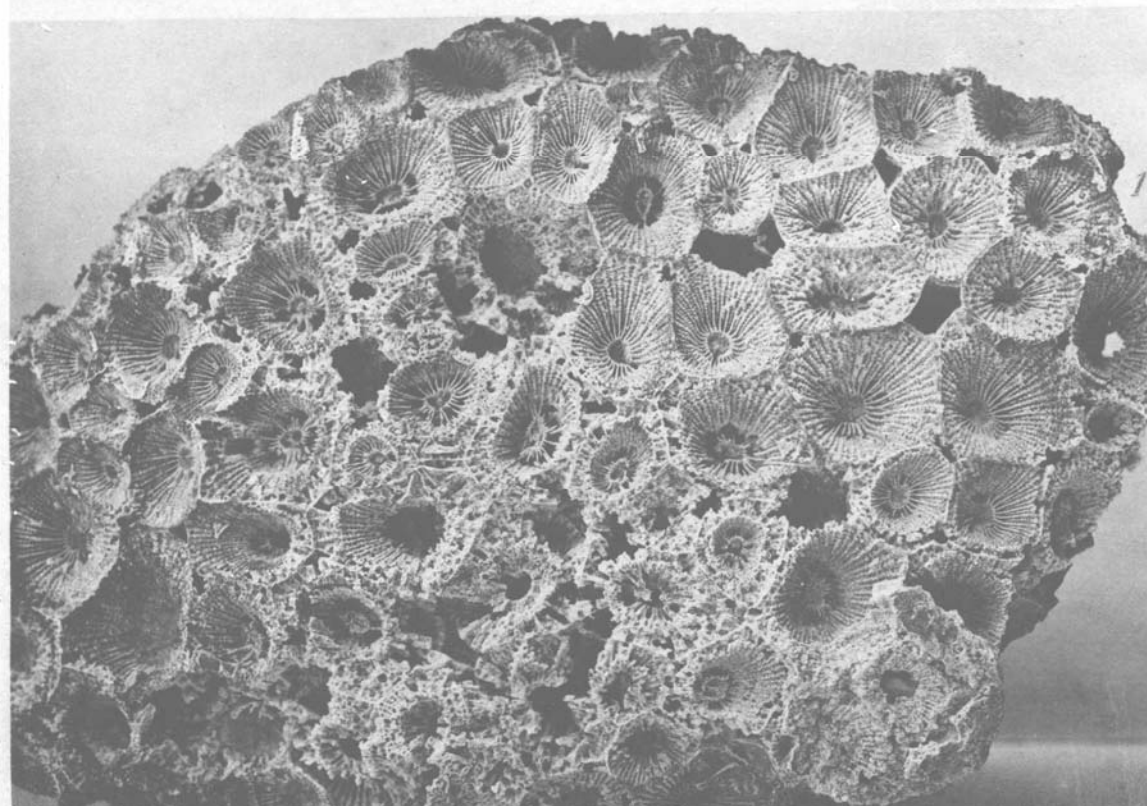
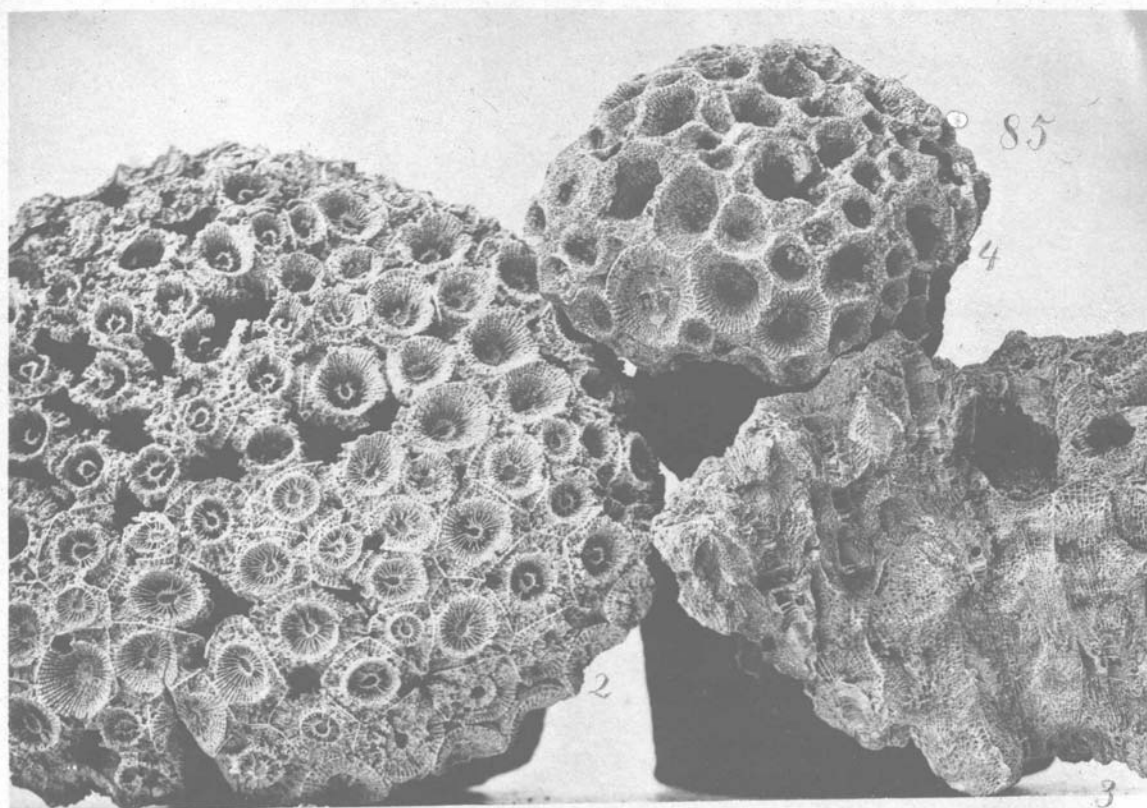


PLATE 117.

DIPHYPHYLLUM COALESCENS, Nov. Spec. *Devonian.*

1. View of the upper surface of a corallum, from the upper rock strata of the Middle Devonian, Falls of the Ohio.

DIPHYPHYLLUM COAGULATUM, Nov. Spec. *Devonian.*

2. View of the upper surface of a corallum, from the horizon and neighborhood of the preceding species.

Collection of the author.

KENTUCKY GEOLOGICAL SURVEY.

PLATE 117.

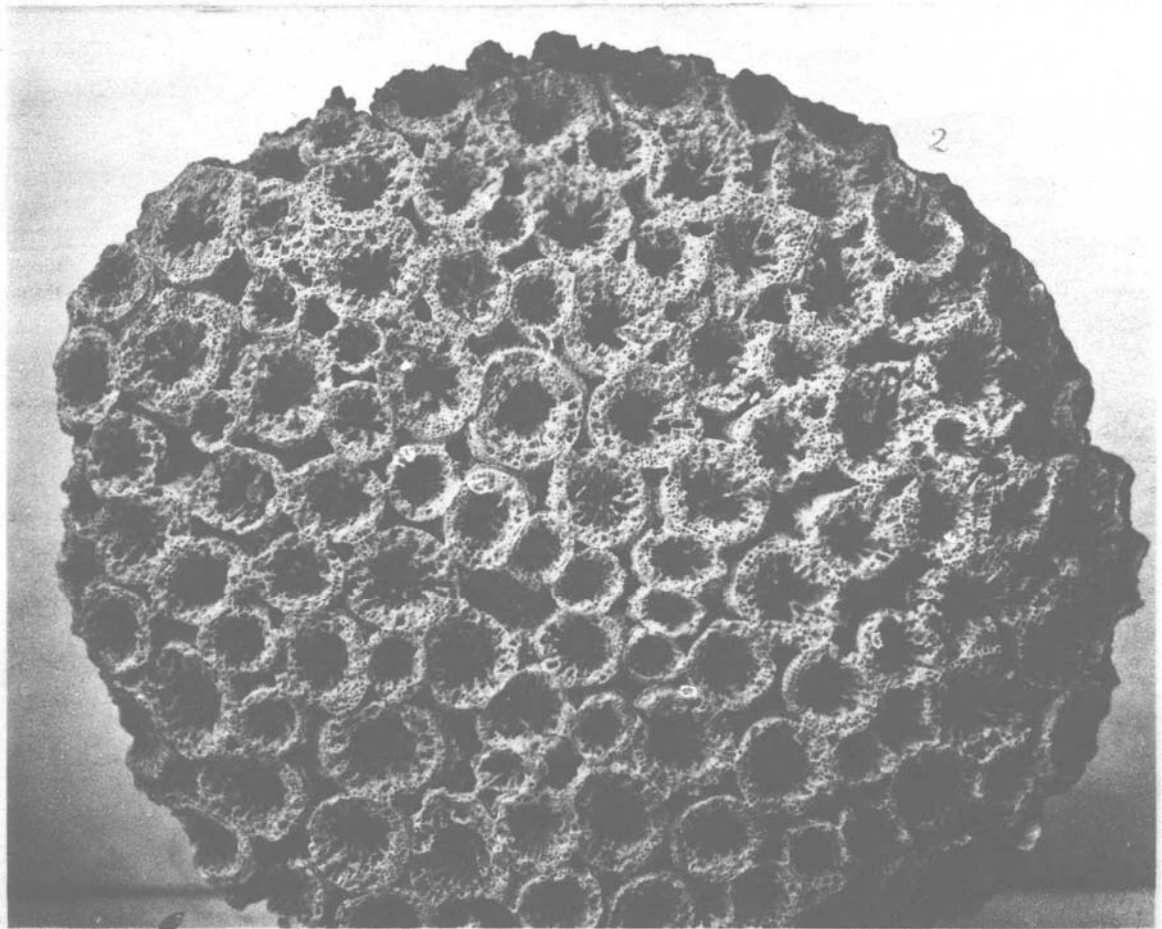
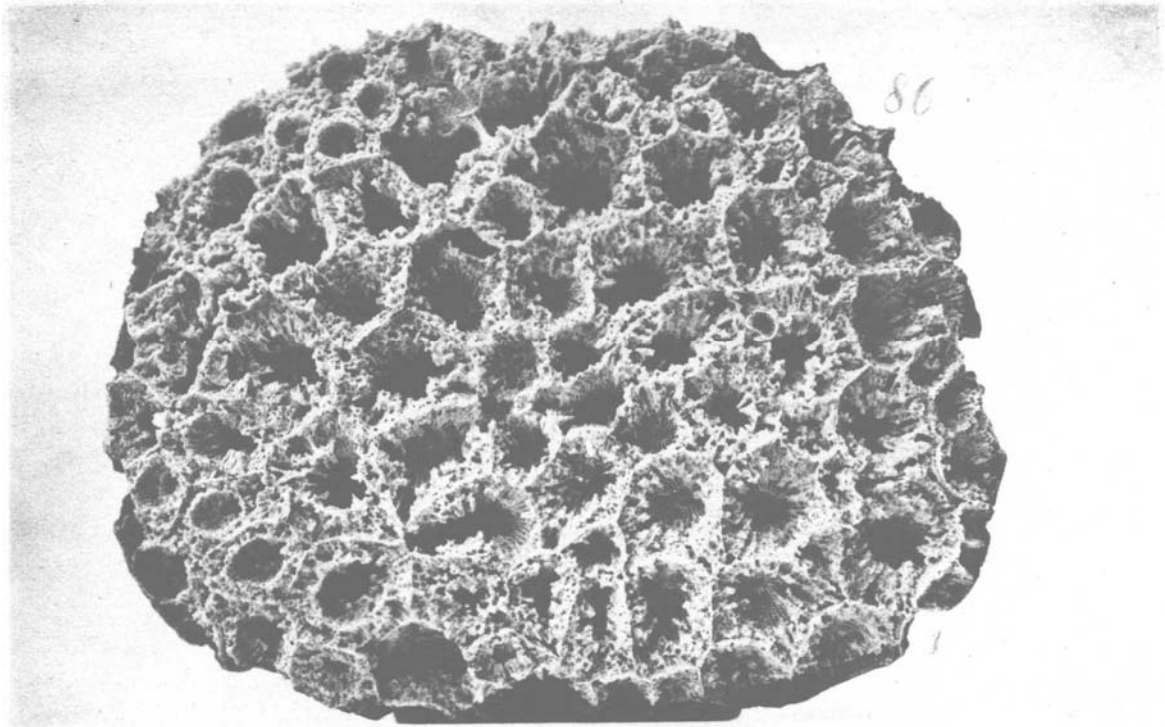


PLATE 118.

PHILLIPASTREA GIGAS.

*Devonian.*

1. View of the upper surface of a fragment, from the Middle Devonian waste of Marion county. Collection of the author.
2. View of the upper surface of a fragment, from the Middle Devonian red clay, near Louisville. Collection of Mr. McConathy.

PHILLIPASTREA INGENS, Nov. Spec.

*Devonian.*

3. View of the upper surface of a fragment, showing the upraised rounded rims between the central pits and the perimeters of the explanate calyces; from the Middle Devonian waste of Marion county. Collection of the author.



KENTUCKY GEOLOGICAL SURVEY.

PLATE 118.

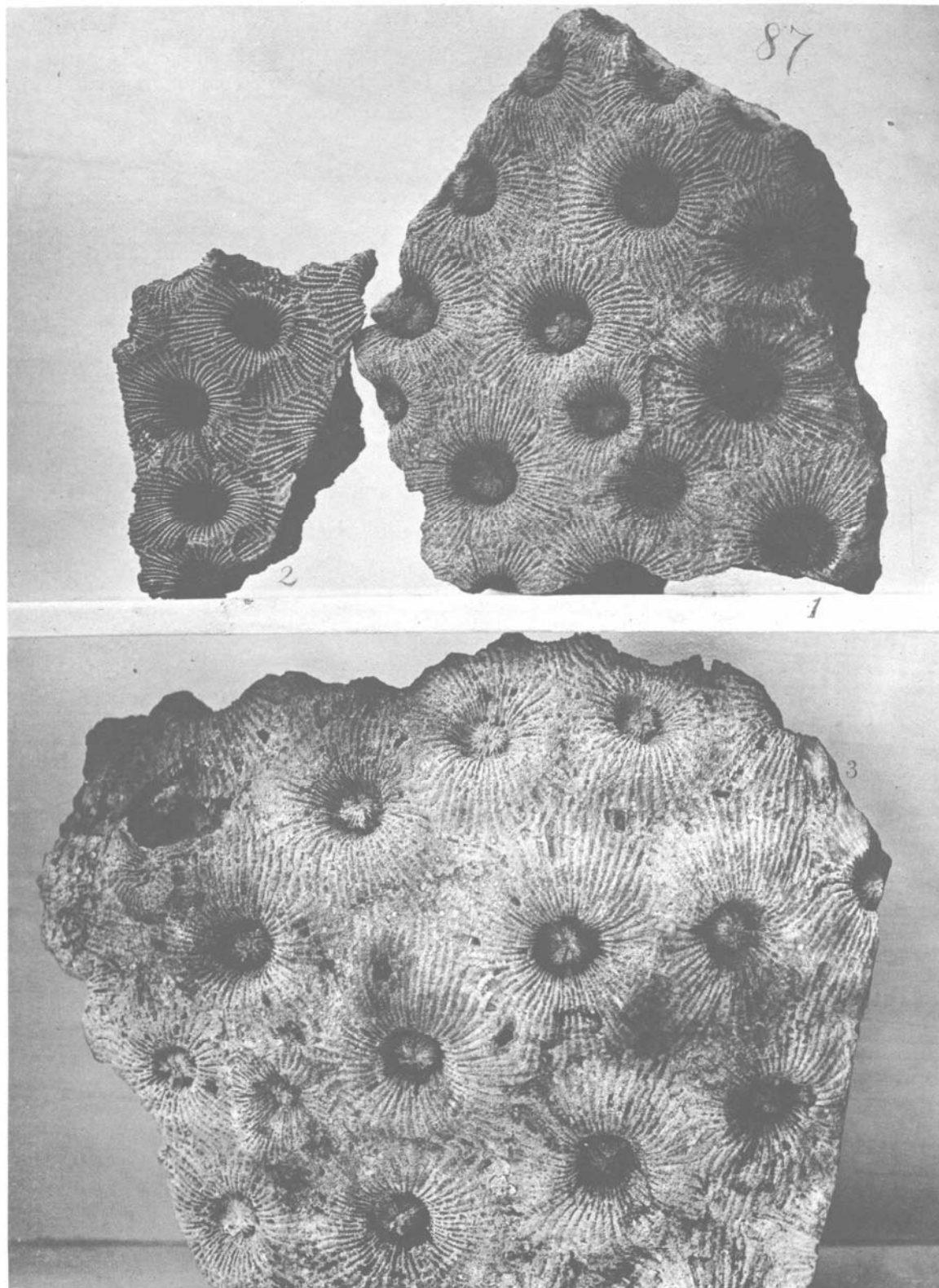




PLATE 119.

PHILLIPASTREA INGENS, Nov. Spec.

*Devonian.*

View of the upper surface of a corallum, from the Middle Devonian waste  
of Marion county. Collection of the author.

[NOTE.—In the right upper corner are seen twin corallites. These spring from the margin of the inferior calyx.]

KENTUCKY GEOLOGICAL SURVEY.

PLATE 119.

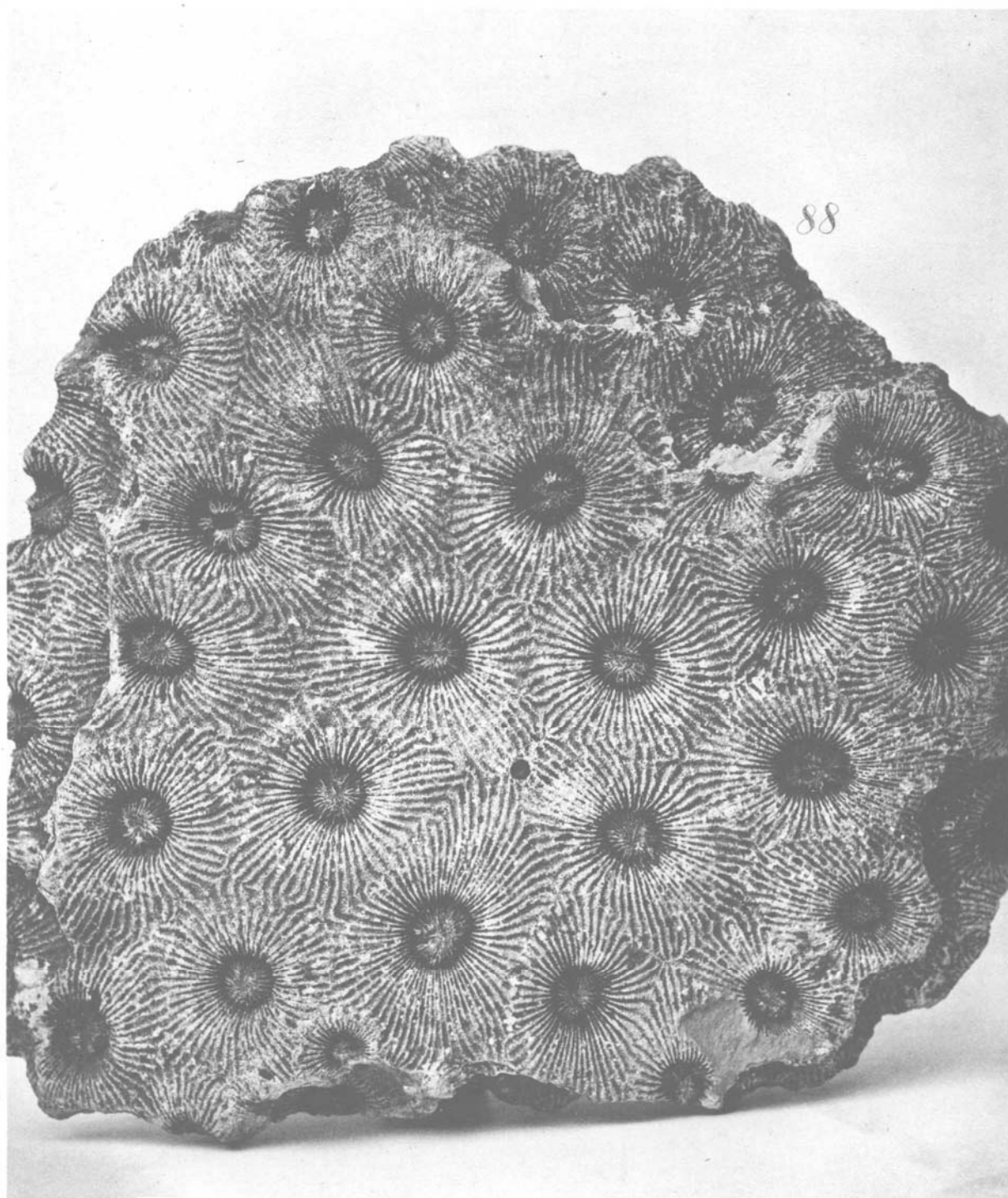


PLATE 120.

STROMBODES KNOTTI, Nov. Spec.

*Devonian.*

1. View of the upper surface of a fragment, from the Lower Devonian clay of Marion county. Collection of Mr. Knott.
2. View of the upper surface of a fragment, showing somewhat larger central pits.
3. View of the upper surface of a fragment.
4. View of the under surface of a fragment.
5. View of the under surface of a fragment, with a part of the epitheca fortuitously stripped so as to show the terete apical part of a corallet.

Specimens 2, 3, 4, 5, are from the horizon and vicinage of example 1.

Collection of the author.

6. View of the upper surface of a moderately well preserved example, with extra-sized central pits and calyx walls better defined than is common.

From the horizon and neighborhood of the other specimens.

Collection of Mr. Linney.

KENTUCKY GEOLOGICAL SURVEY.

PLATE 120.

