

F. DE CASTELNAU.

SYST. SILURIEN DE L'AMÉRIQUE SEPTENTR.

ATLAS.

1843.

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OF

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SUR

LE SYSTÈME SILURIEN

DE L'AMÉRIQUE SEPTENTRIONALE.

PAR

F. DE CASTELNAU,

CONSUL GÉNÉRAL DES ÉTATS-UNIS A LIMA, MEMBRE DE PLUSIEURS SOCIÉTÉS SAVANTES.

✓ Avec vingt-sept Planches.

PARIS,

P. BERTRAND, ÉDITEUR,

LIBRAIRE DE LA SOCIÉTÉ GÉOLOGIQUE DE FRANCE,

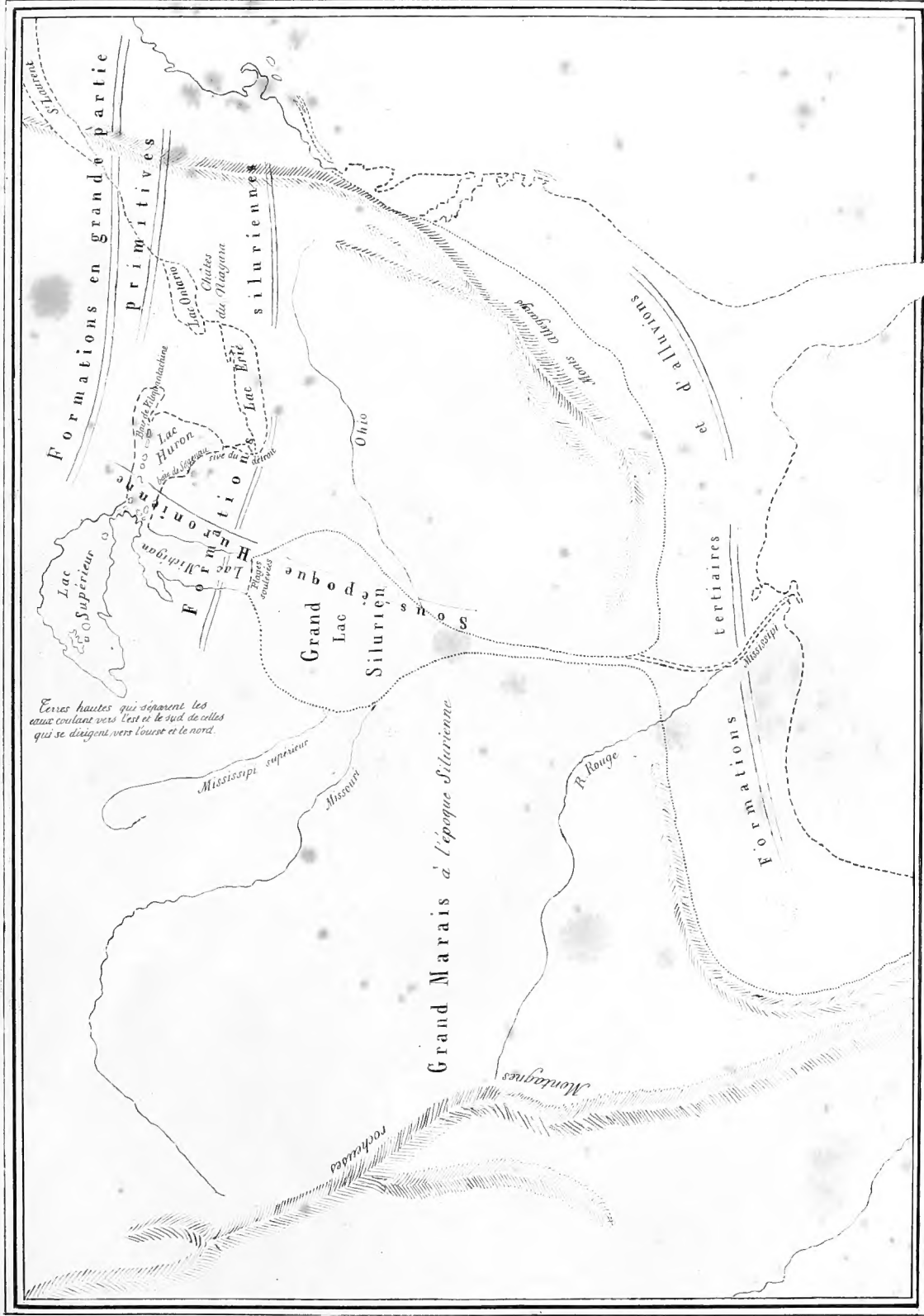
RUE SAINT-ANDRÉ-DES-ARCS, 38.

V.° LEVRAULT, RUE DES JUIFS, 33, A STRASBOURG.

1843.

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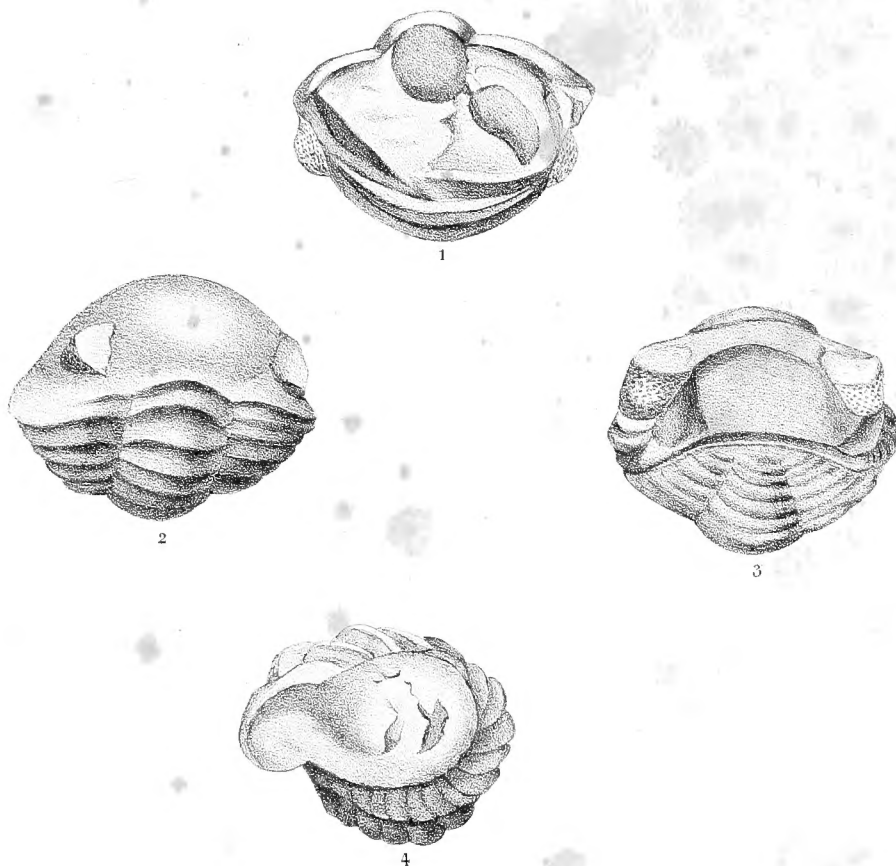


Lith. d. J. B. rue de la Harpe, 50.

Carte théorique de l'Amérique Septentrionale avant le soulèvement des Illinois. (Époque silurienne).

— Parties restées telles qu'elles étaient avant le soulèvement. — Parties spécialement affectées par le soulèvement, mais qui ont été changées à cette époque. — Parties formées par les effets du soulèvement. — Parties formées lors de la formation ou du soulèvement des terrains tertiaires et telles qu'elles sont encore.

APPROVED BY
DUNDEE, MA USA

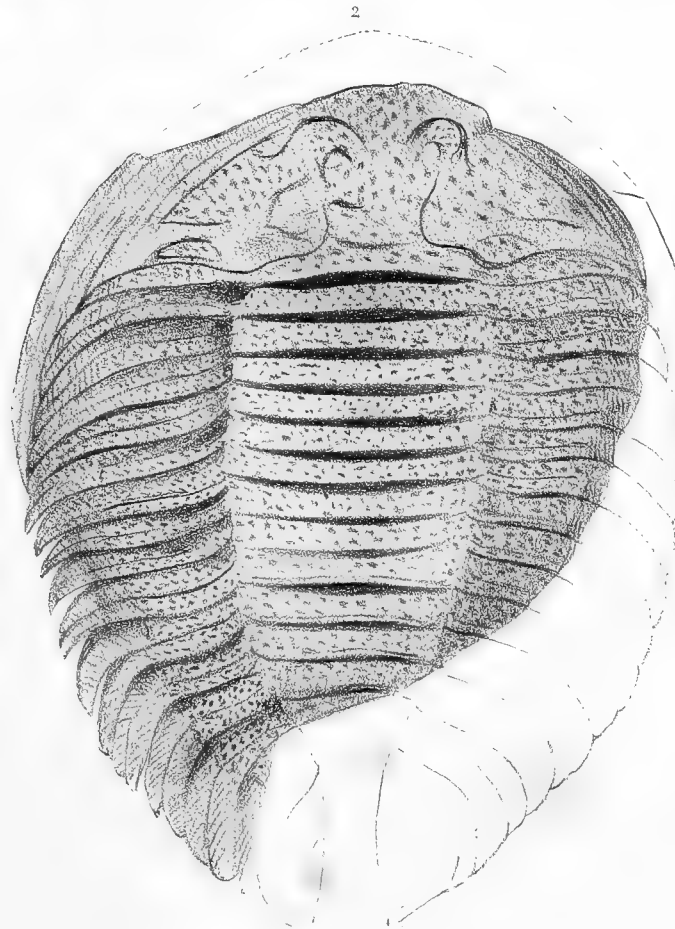
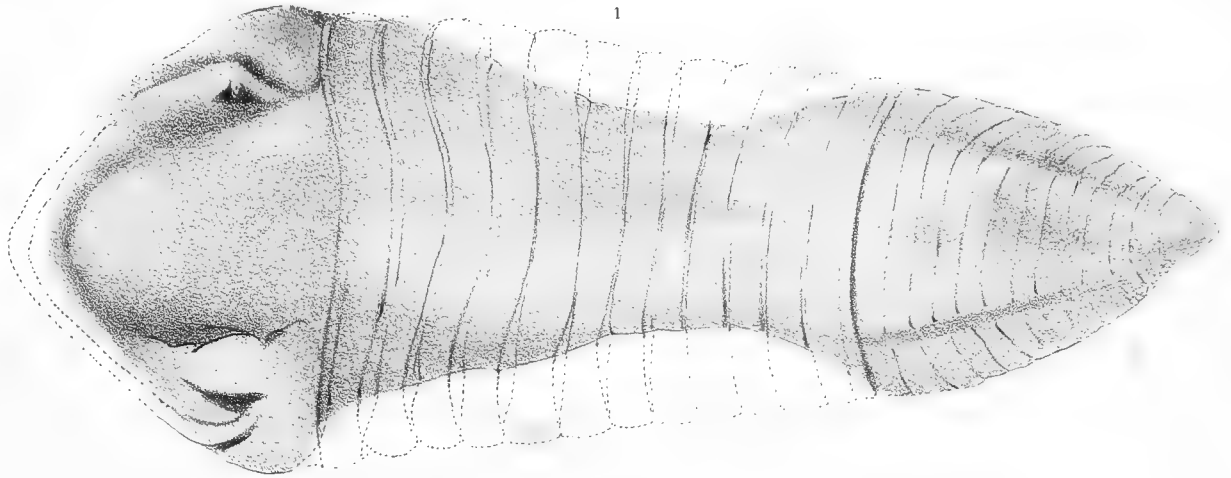


Lith. d'Artus, rue de la Harpe 50.

Calymene Busfo. Green.

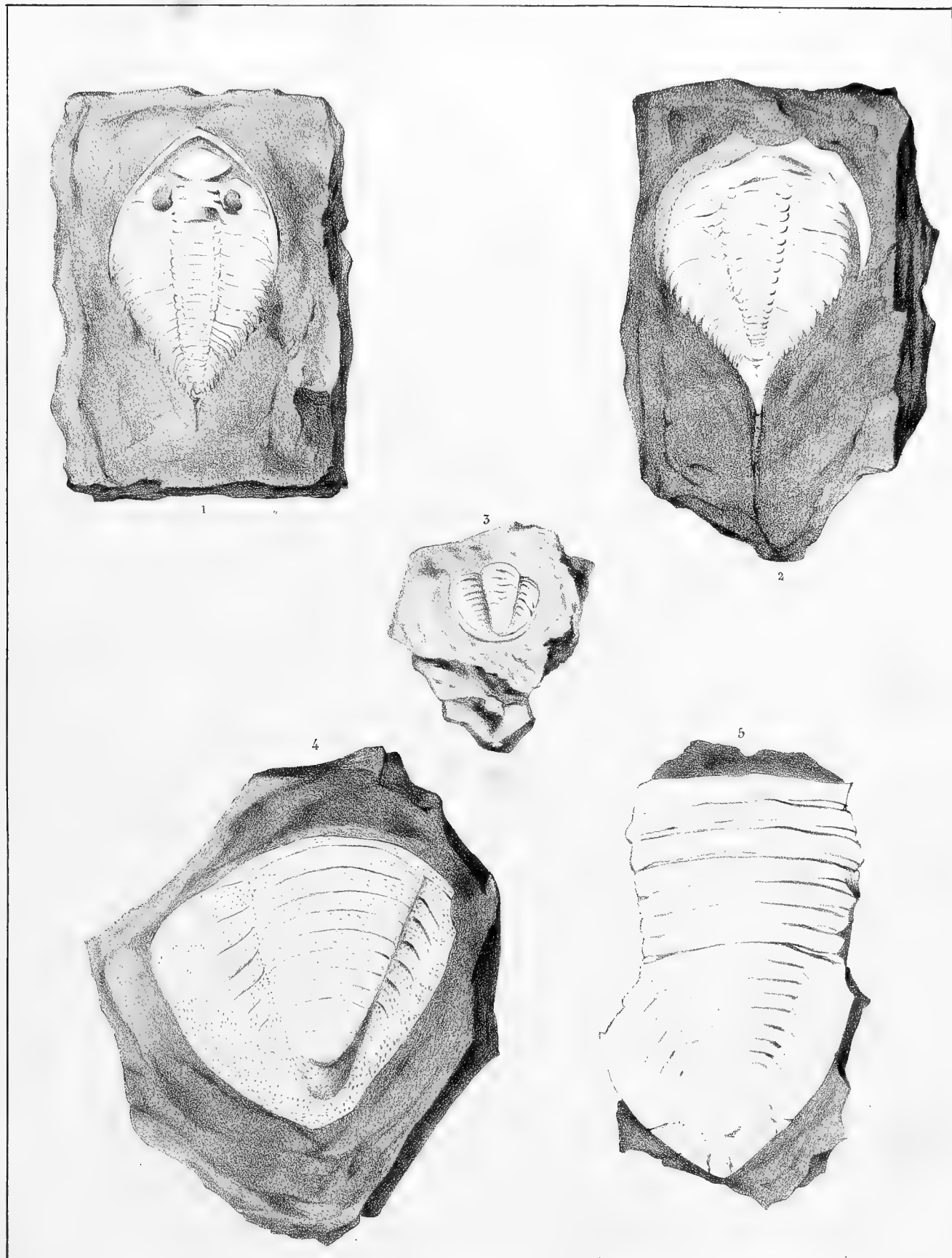
1. *Section du corps en travers, montrant une patte.*
2. *Vu en dessus.*
3. *Vu en dessous pour montrer la mobilité de la pièce frontale.*
4. *Vu de côté; section pour montrer les pattes.*

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1. *Romalonotus Giganteus*, n.s. 2. *Arctinurus* n.g. *Bolioni*, Bigsby.

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CAMBRIDGE, MA U.S.A.

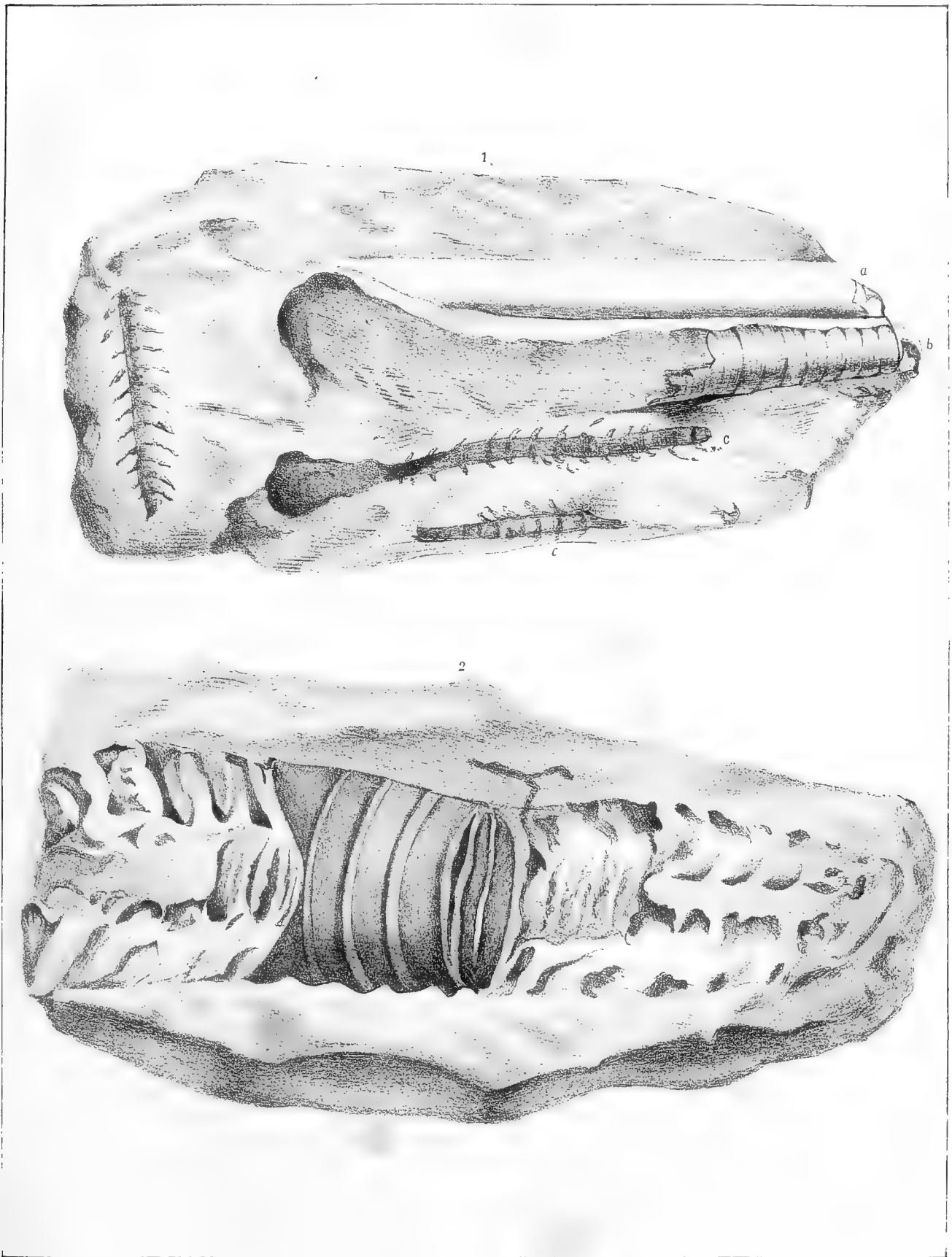


1. *Asaphus lomularius*, Green.
4. *Homalonotus*, Atlas n.s.

2. a. *Gordieri*, n.s.
5. b. *Merularcus*, n.s.

3. a. *Murchisoni*, n.s.

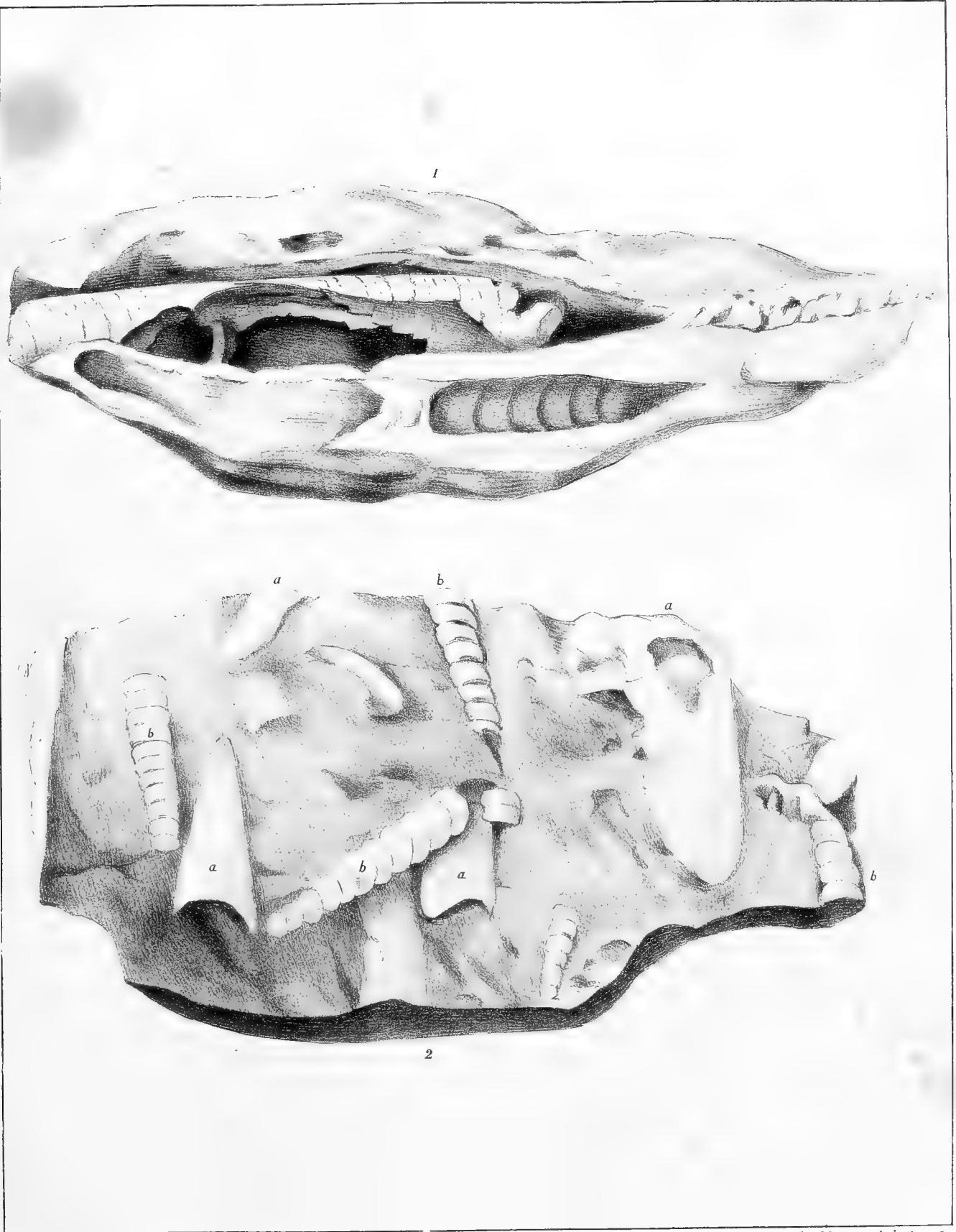
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Lith. d'Artus, rue de la Harpe 50.

1. *Actinoceras Blainvilliei*, n.s. 2. *A. Cordieri*, n.s.

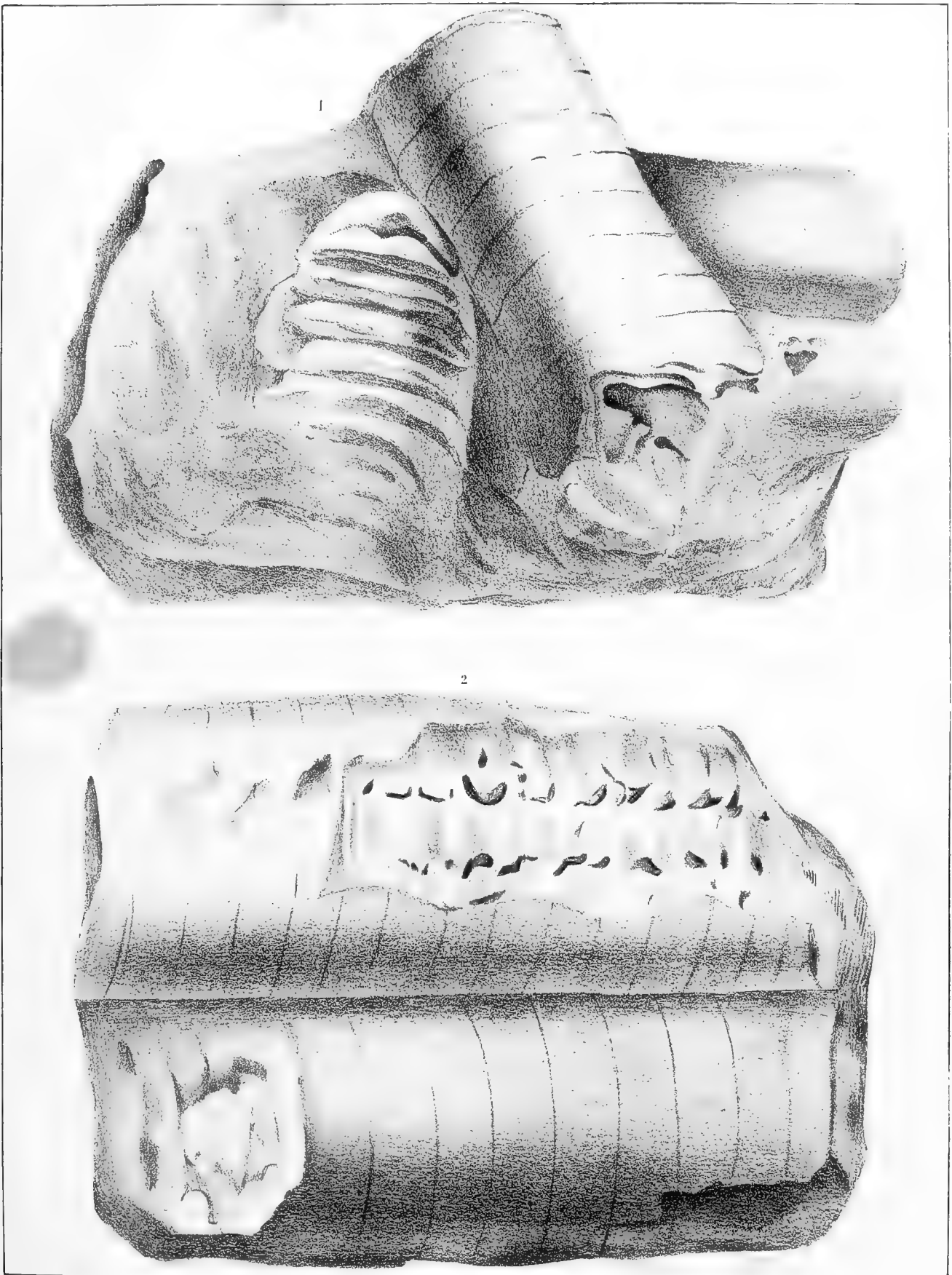
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Lith. d'Artus rue de la Harpe, 50

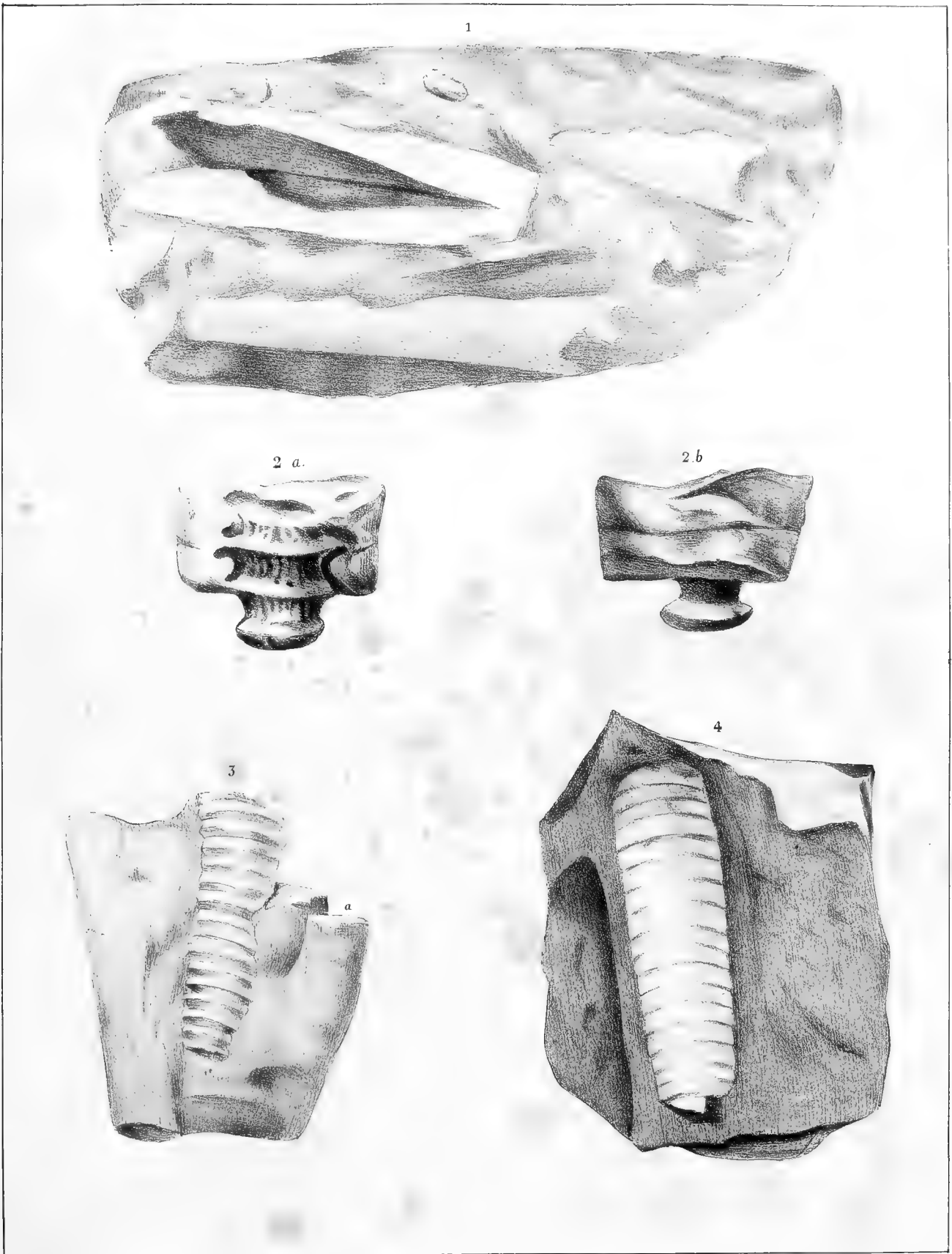
1. *Actinoceras Beaumonti*, n.s. 2. *Beudanti*, n.s.

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Actinoceras Richardsonii Stokes.

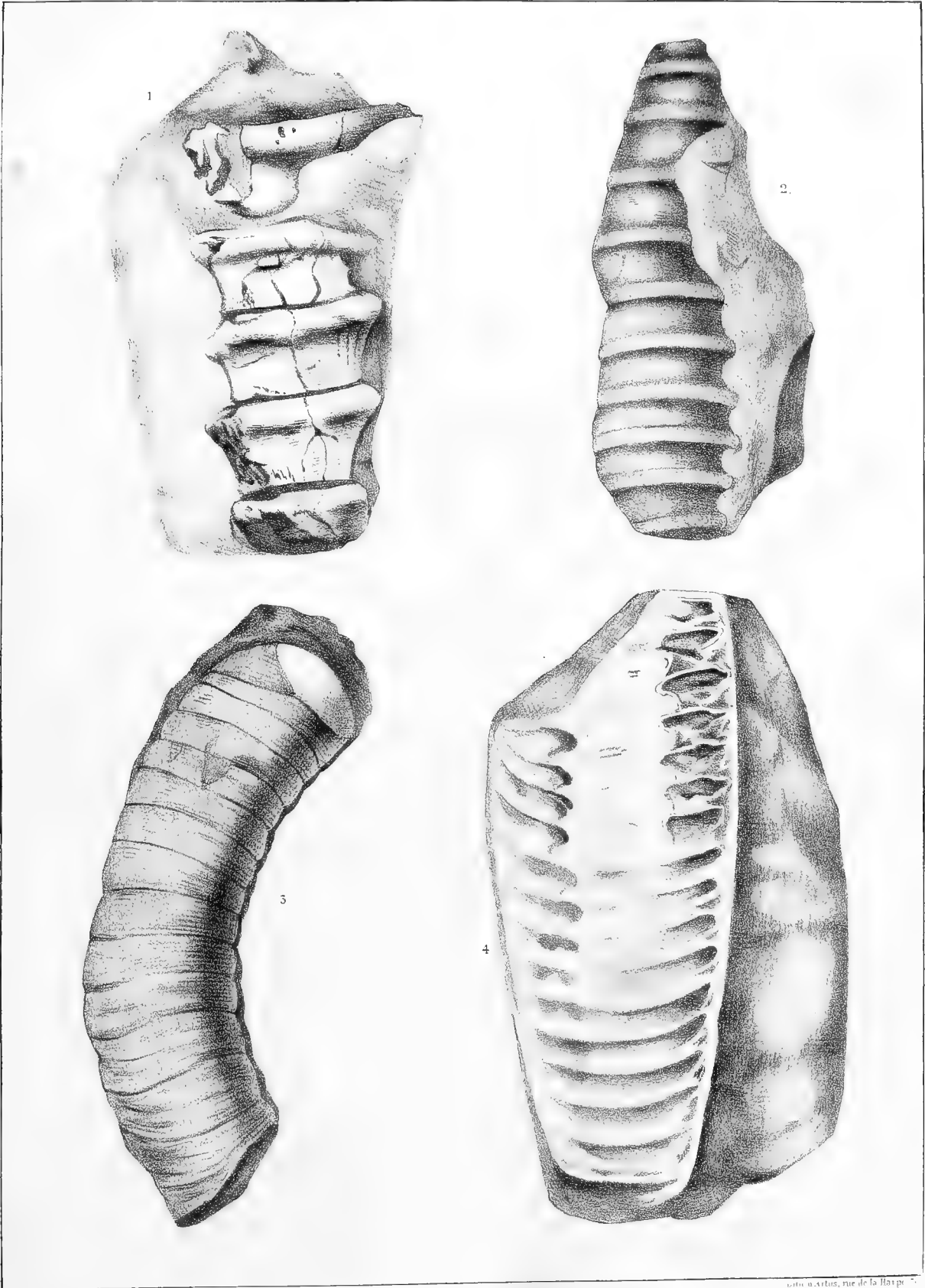
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CAMBRIDGE, MASS.



Actinoceras.

1. *Blainvillii*. (Grande cloison). 2. *Richardsonii*. (Siphon interne). 3. *Dufrenoyi* n.s. 4. *Deshaysii* n.s.

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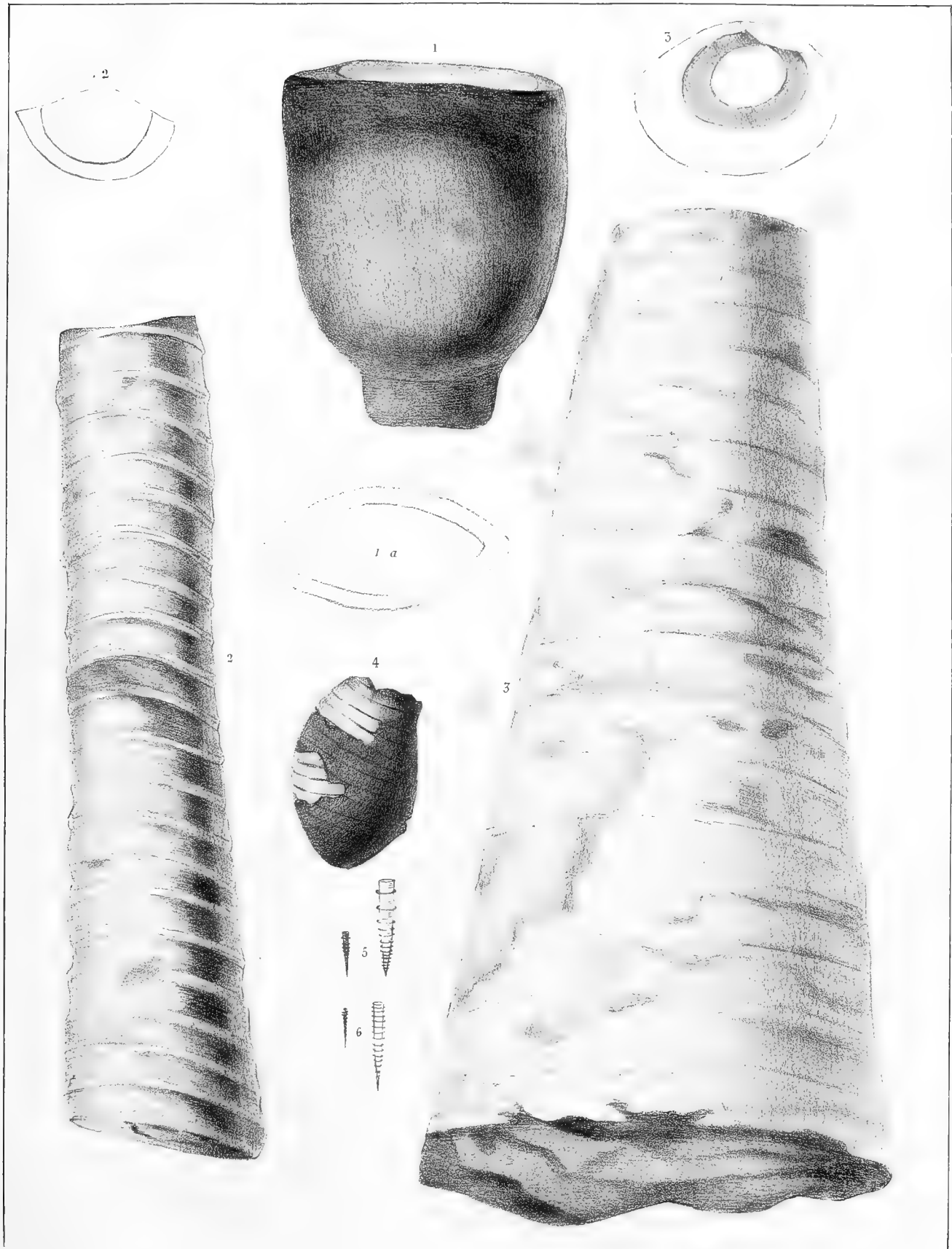
Ludwig lith.

Paris, chez Artus, rue de la Harpe

1. *Puronia obliqua*, n.s.
3. *Cyrtoceras Markoei*, n.s.

2. *Puronia Stokesi*, n.s.
4. *Actinoceras Lyonii*? Stokes.

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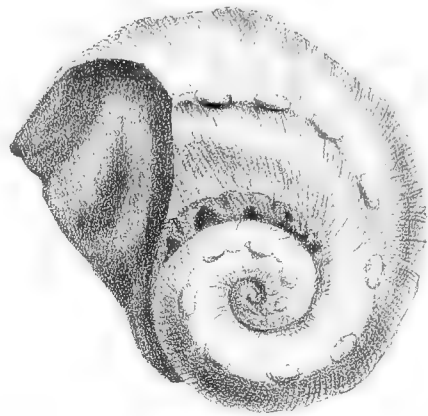
Lith d'Artus, rue de la Harpe, 50

1. *Sidemia Infundibuliforme* (demi-grand nat.) 1. a. Segment inf. de grand nat. 2. *Orthoceras filiforme* n.s.
2. *Orthoceras conicum* n.s. 4. *Notomenia incognita*. 5. *Contaculites irregularis*, n.s. 6. *Cont. regularis*.

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LOS ANGELES



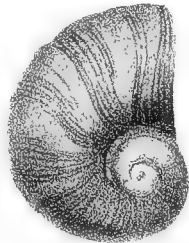
1 a



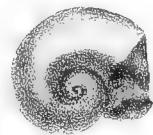
1. b



2



3



4



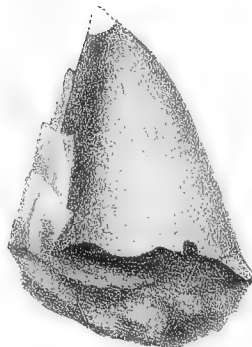
8



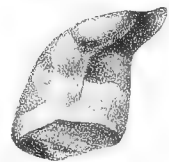
9



5



6



5



7



7



7

Lith. d'Artus, rue de la Harpe 50.

- | | | |
|---|--|---|
| 1. <i>Liomphalus Verneuillii</i> , n.s. | 2. <i>Bellerophon Striatus</i> . | 3. <i>Pileopsis maticoides</i> , n.s. |
| 4. <i>P. Rotundata</i> , n.s. | 5. <i>P. Spiralis</i> , n.s. | 6. <i>Pileopsis conoides</i> , n.s. |
| 7. <i>Goniatis Canadensis</i> , n.s. | 8. <i>Turritella Schobbariensis</i> , n.s. | 9. <i>Liomphalus minutissimus</i> , n.s. (grossi 8 fois.) |

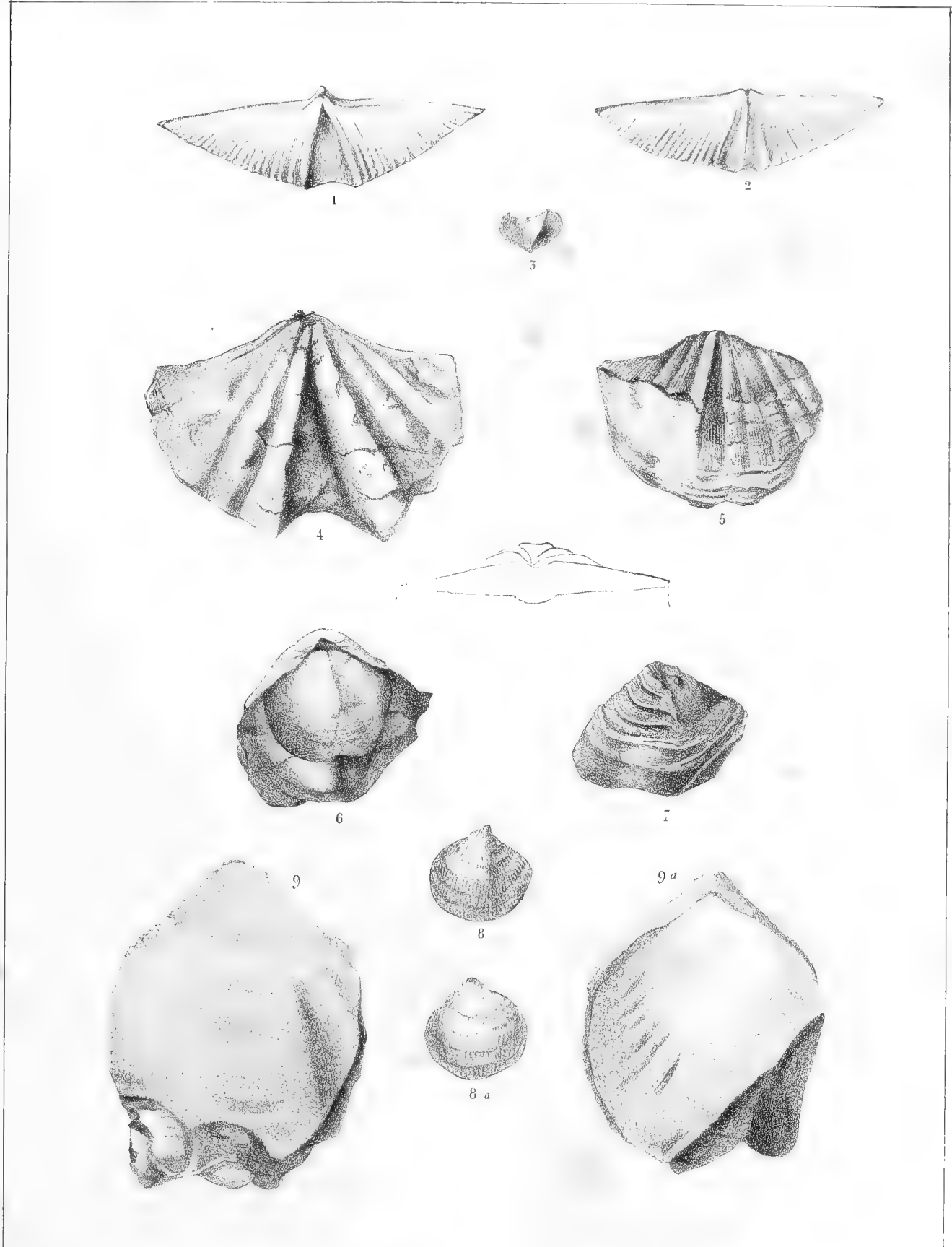
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Lith. d'Artus, rue de la Harpe. 60

1. *Spirifer Murchisoni*, n.s. 2. *Sp. Murchisoni*, j^{ne} âge. 3. *S. Multicostatus*, n.s.
 4. *Sp. Alatus*, n.s. 5. *Sp. Erostii*. 6. *Sp. Huroniensis*, n.s.

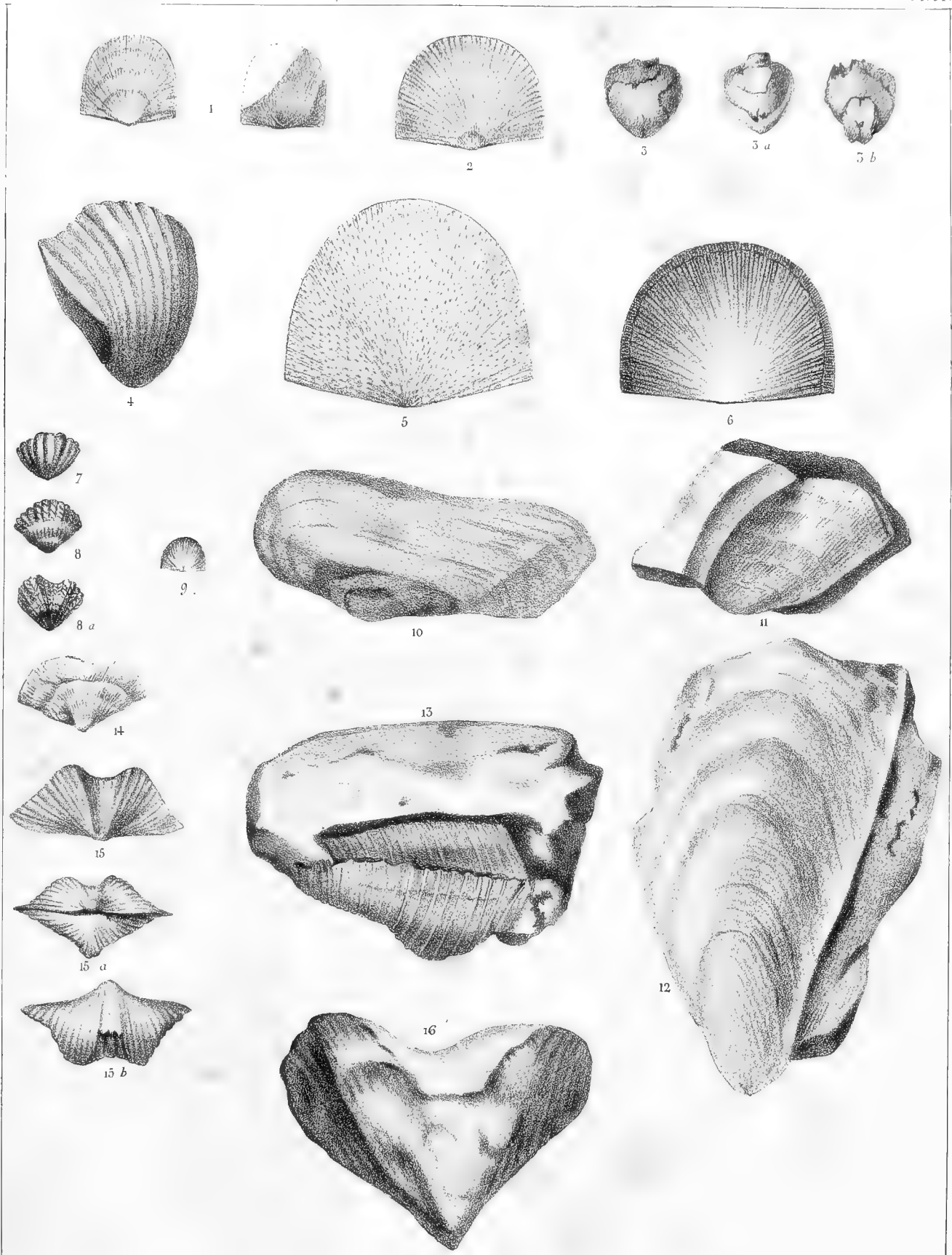
W.C.
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Lith d'Artus, rue de la Harpe 50

1. 2. *Spirifer Sowerbyi* n. s. 3. *Cerebratula Mesogona*. 4. *Spirifer Fischeri* n. s.
 5. *Spirifer Macropleurus* n. s. 6. *Cerebratula Valenciennesi* n. s. 7. *Productus Sulcatus* n. s.
 8. *Cerebratula Rissca* Schls. 9. *Pentamerus Beaumonti* n. s.

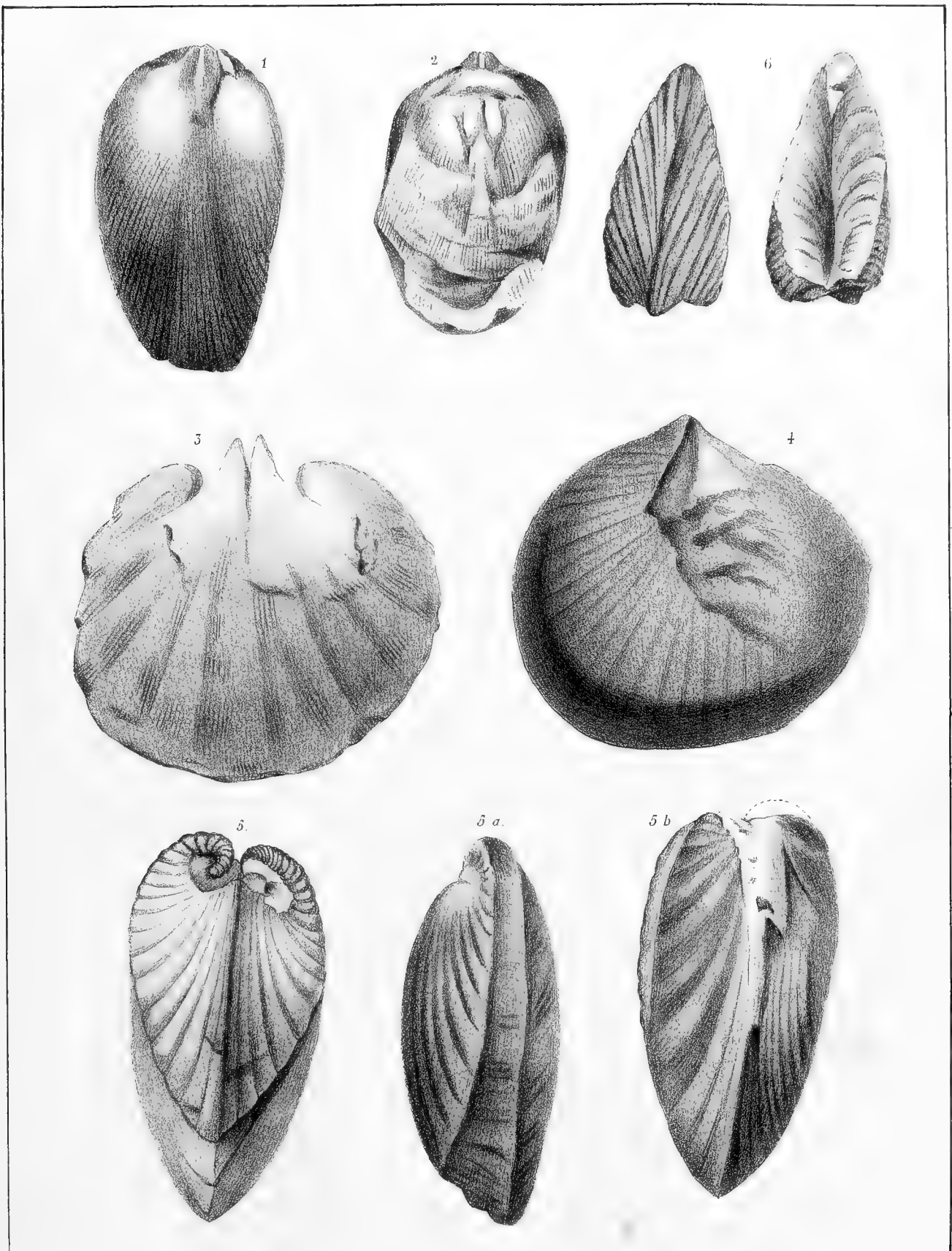
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1. *Orthis Parra*, Pander. 2. *Orth. alternans*, n.s. 3. *Orth. Mustella*, n.s. 4. *Atrypa Galata*. 5. *Orth. Schokharuensis*, n.s.
 6. *Orth. Huronicensis*, n.s. 7. *Spirifer Costalis*. 8. *Spir. inaequalis*, n.s. 9. *Leptaena viana*, n.s. 10. *Amphidulima Delafeldi*, n.s.
 11. *Venus Mohegan*, n.s. 12. *Perna Choctas*, n.s. 13. *Bilobites DeKay*. 14. *Cerbrat. Borealis*, n.s. 15. *Spirif. Sheppardi*, n.s.
 16. *Exerebratula acuminatissima*.

Lith. d'Artus, rue de la Harpe 50

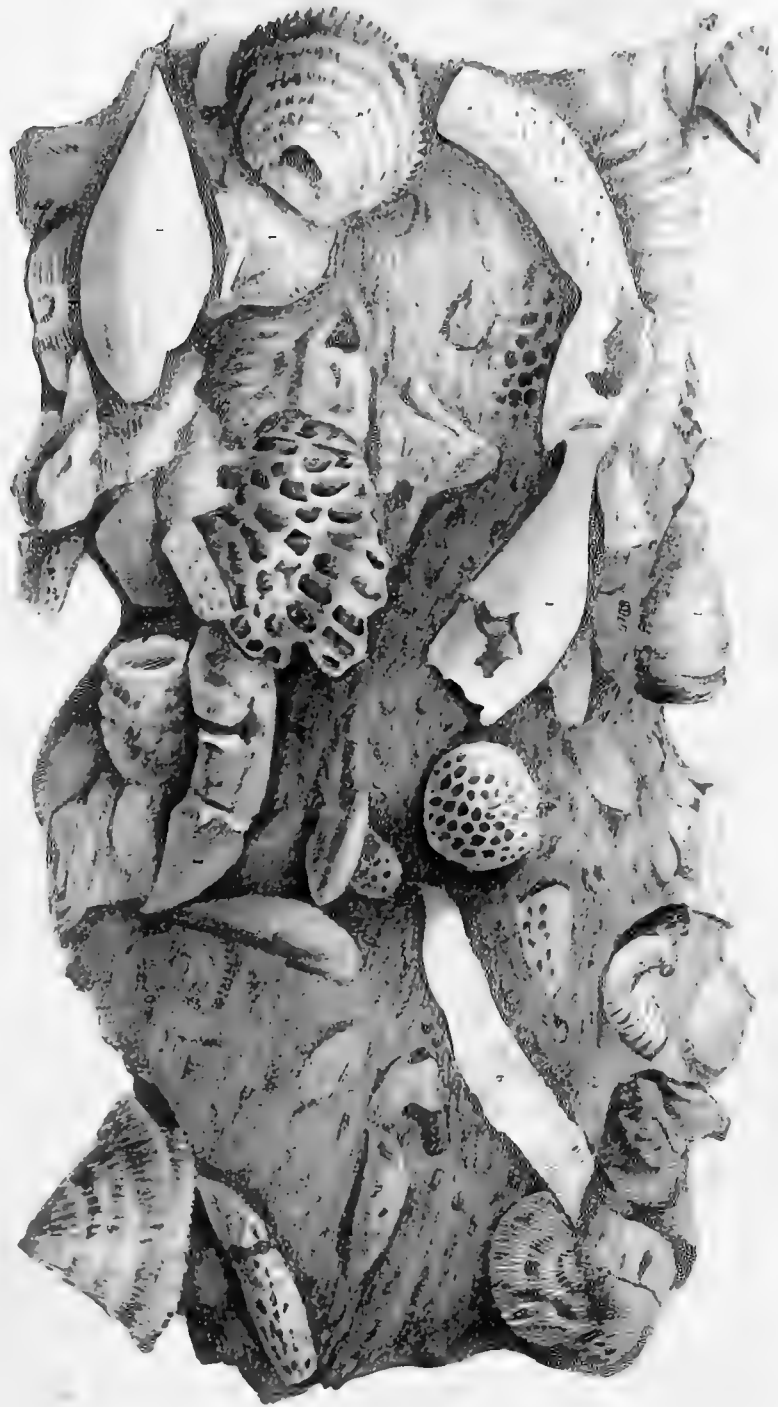
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Lith d'Artus, rue de la Harpe. 50

1. 2. *Pentamerus Deshayssi* n.s. 3. *Orthis? unguiformis*, n.s. 4. *Orthis? Conradi* n.s.
 5. *Cardium? (Golfusia) Nautiloides* n.s. 6. *id.* var.

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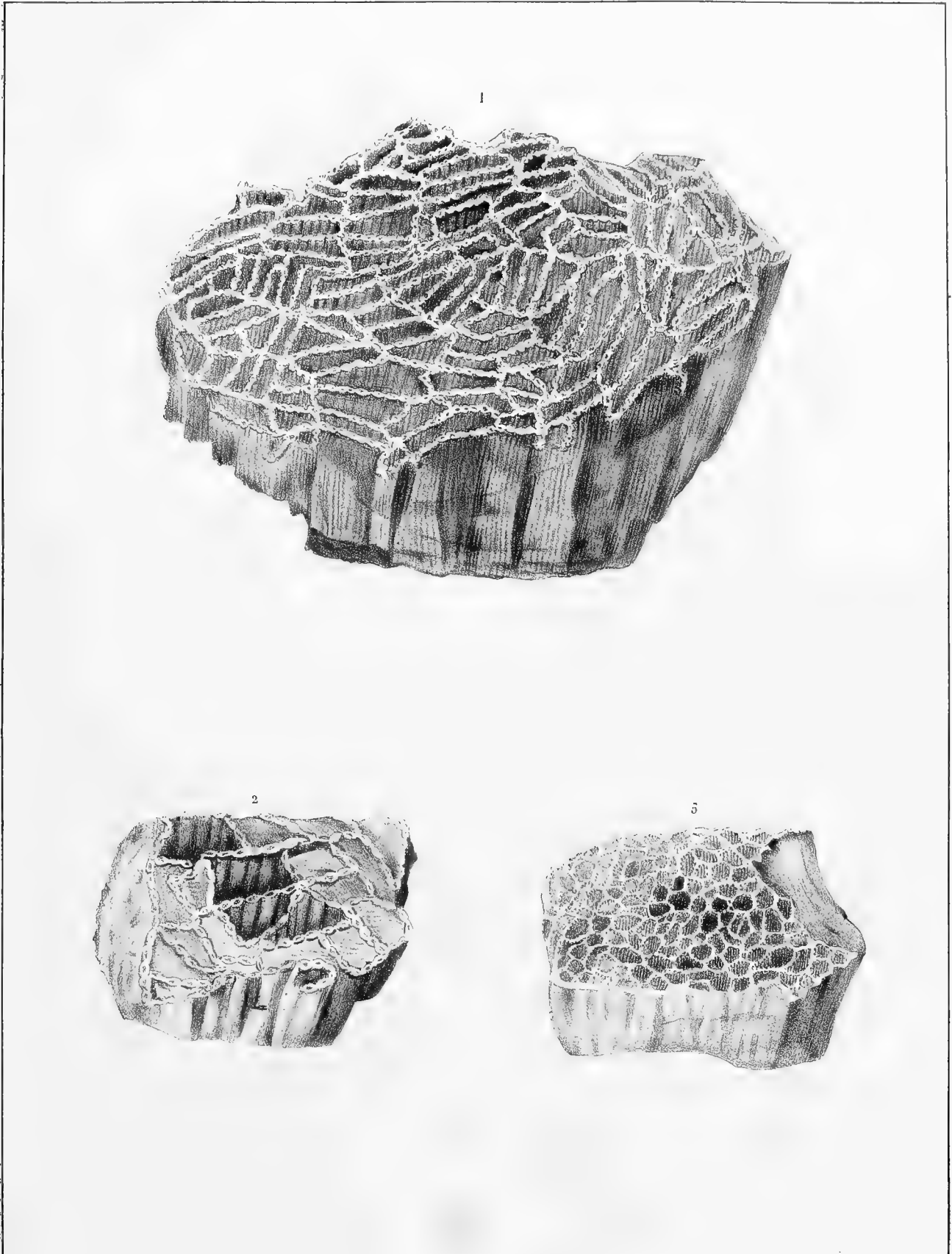


Calcaire magnésien du lac Huron.

- 1. *Castrobleyia*.
- 3. *Calanoptera gottmanni*.
- 5. *Gastropodites* (interius).

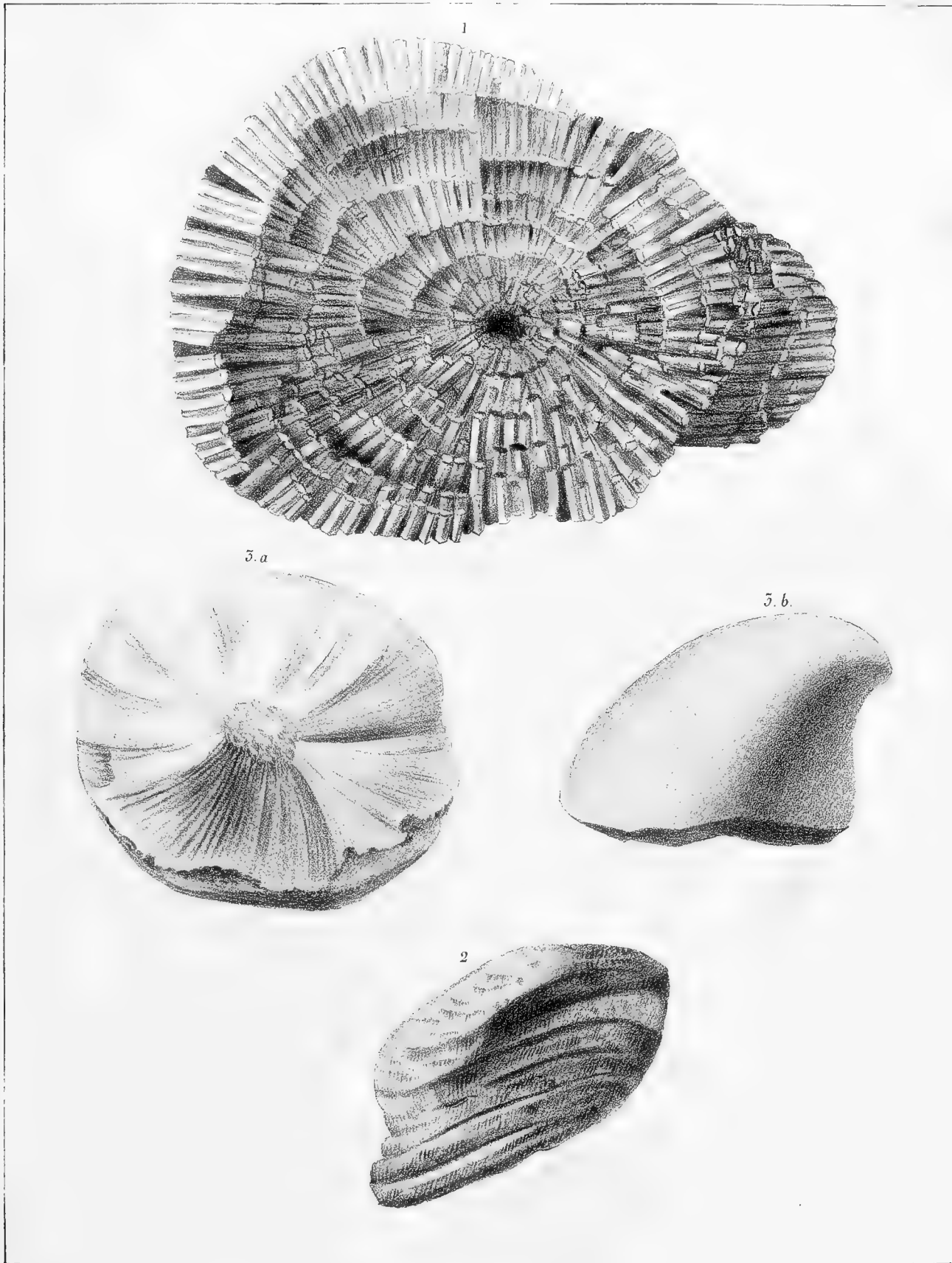
- 2. *Calanoptera polycephala*.
- 4. *Calanoptera*.
- 6. *Cypris intermedium* (Crinoïde?).

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Catenipora.
1. *C. Michelini* n.s. 2. *c. Labyrinthica* 3. *c. Escharoides.*

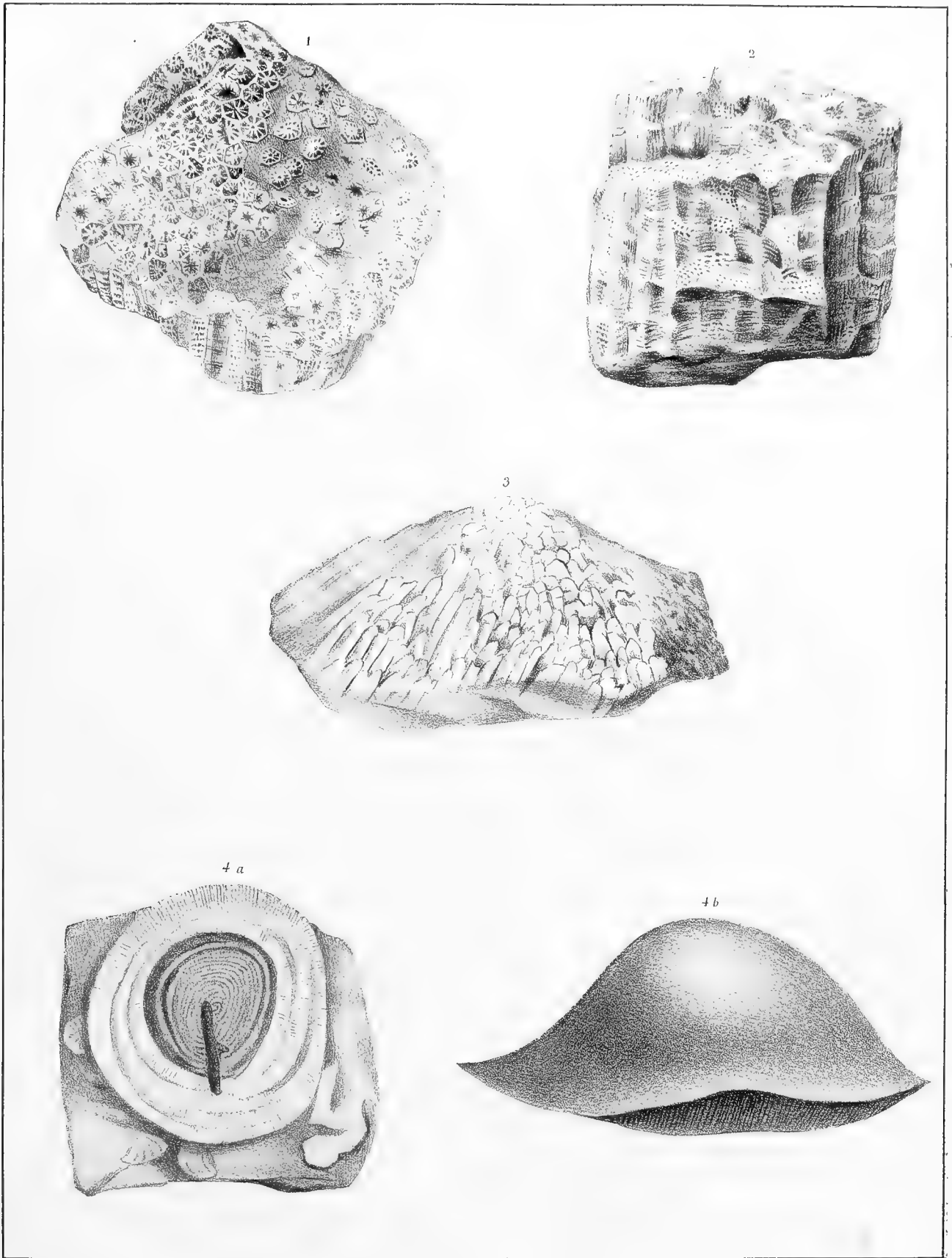
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Calamopora.

1. c. *Radians*, n. s. 2. c. *Minutissima*, n. s. 3. c. *Basallica*. a. en dessous. b. de côté.

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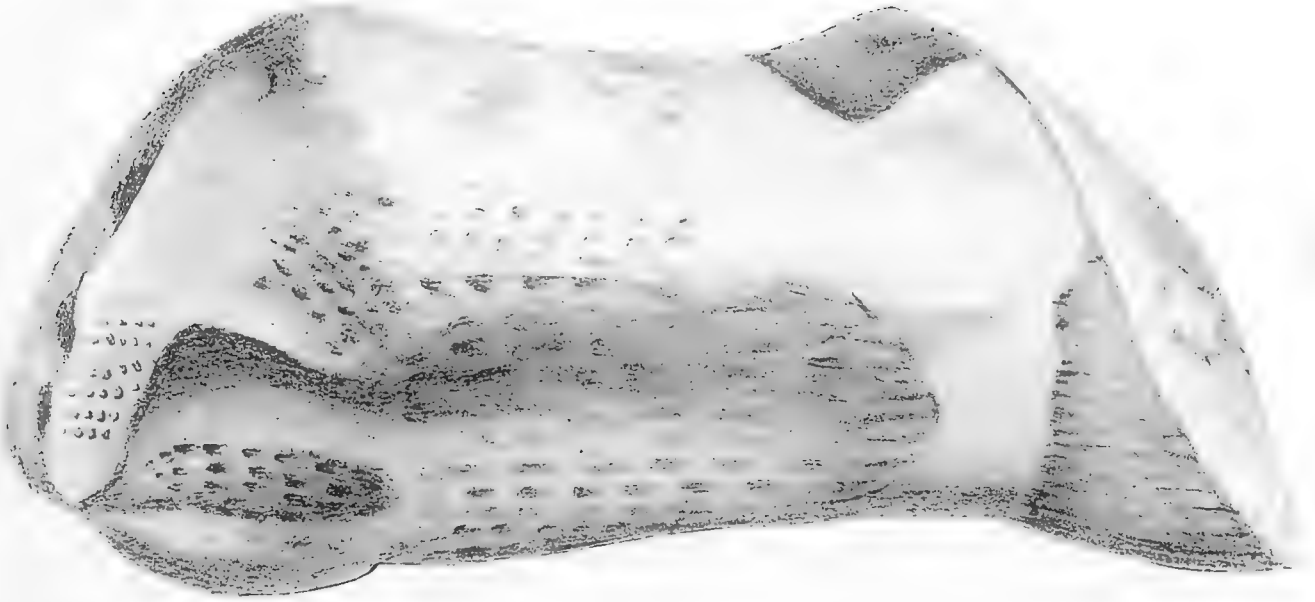


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Columnaria.

1. c. *Multicadiata* n. s. 2. c. *Eroostii* n. s. 3. c. *Mamillaris* n. s. 4. *Calamopora Fibrosa* a. en dessous. b. de côté

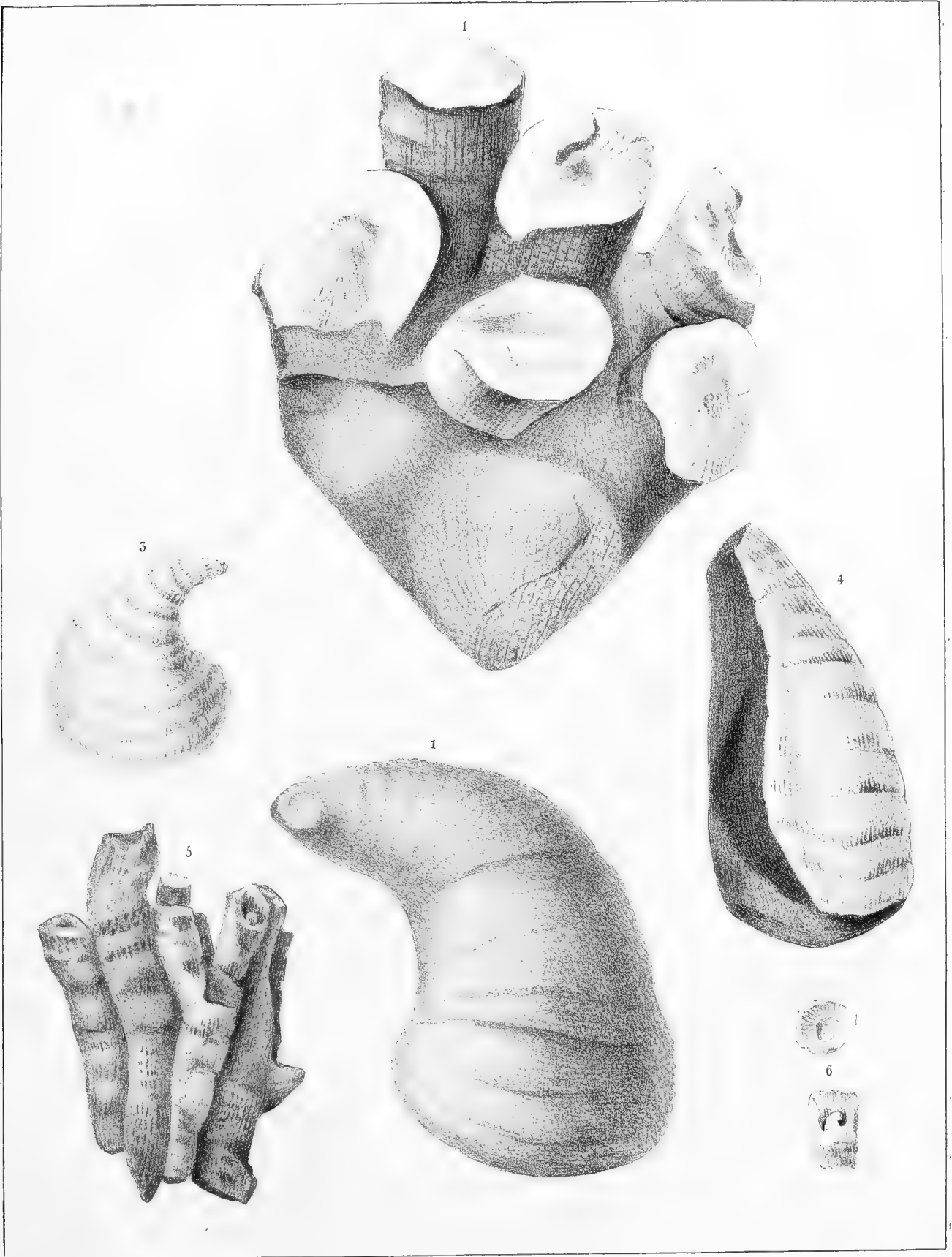
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Cyathophyllum
1. c. Goliath. n. s. 2. c. Atlas n. s.

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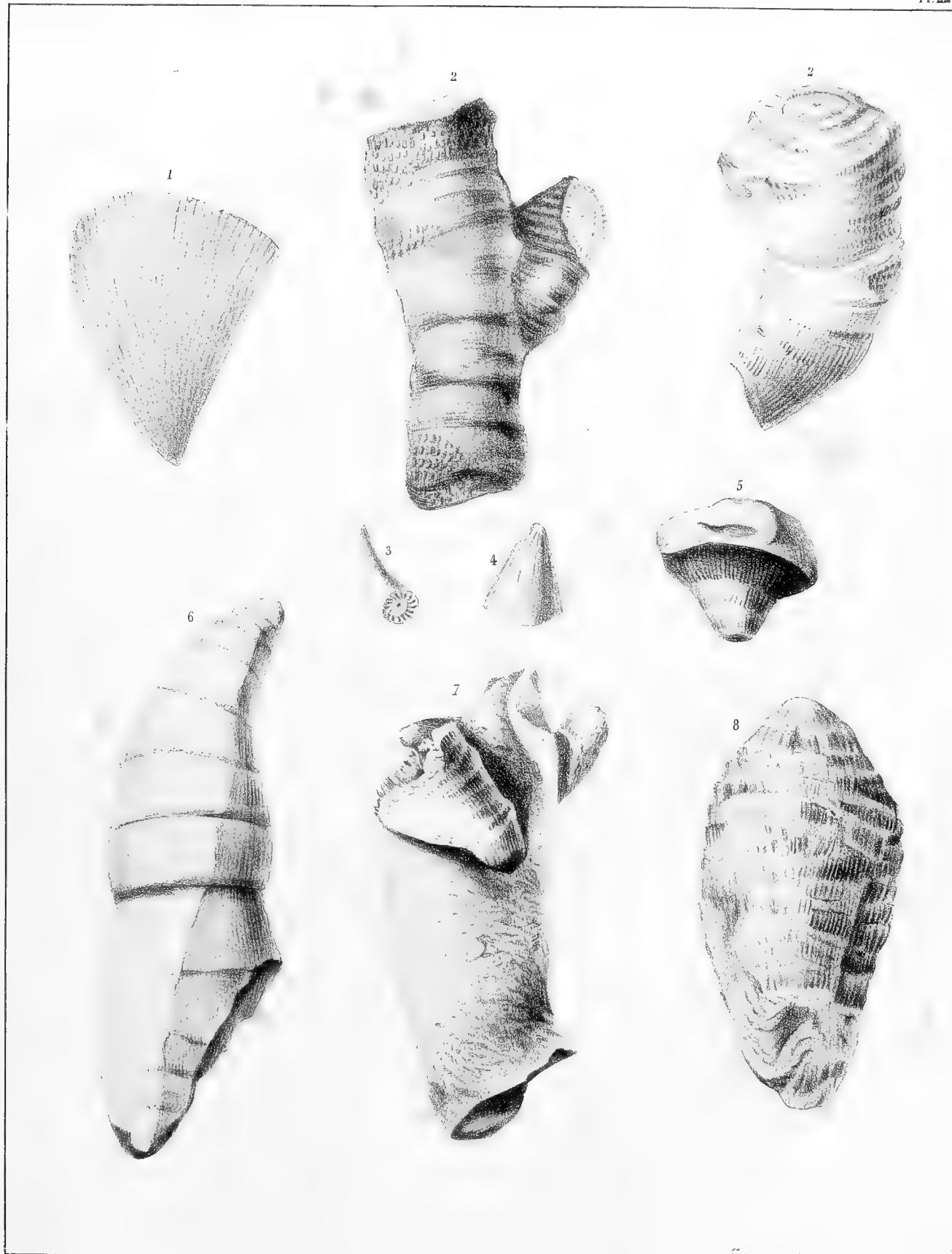


Lith. d'Artus rue de la Harpe 60

Cyathophylloide.

1. c. *Ammonis*. n.s. 2. c. *Goldfusii*. n.s. 3. c. *Dilatatum*. n.s. 4. c. *Conicum*. n.s. 5. c. *Agglomeratum*. n.s.

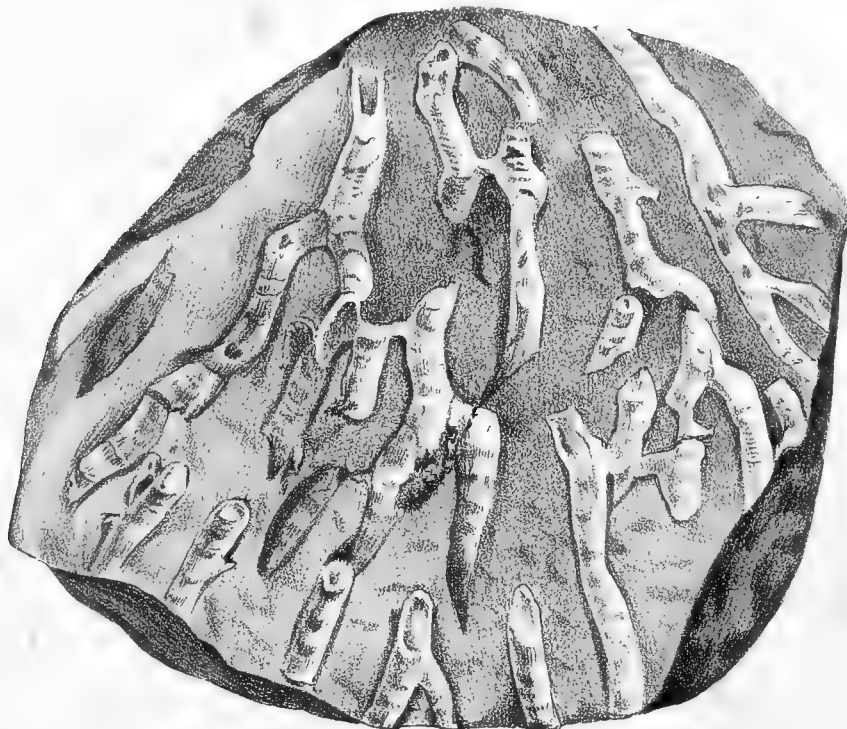
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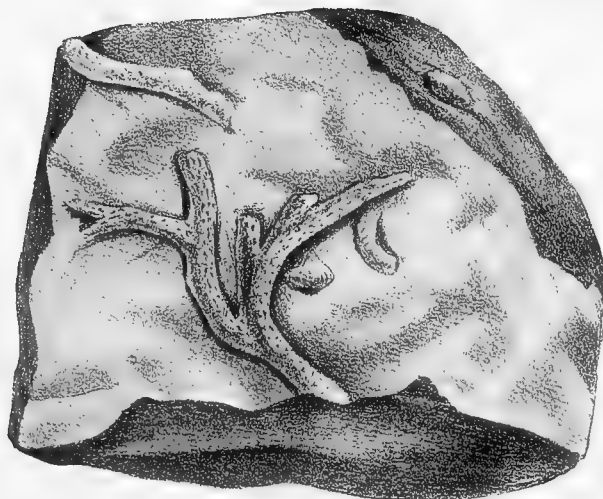
Cyathophyllum.

1. c. *Sriatulum*, n. s. 2. c. *Arborescens*, n. s. 3. c. *Michelinii*, n. s. 4. c. *Pitaculum*, n. s. 5. c. *Rollinii*, n. s.
6. *Vicinum*, n. s. 7. *Dorbignyji*, n. s. 8. c. *Distinctum*, n. s.

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1

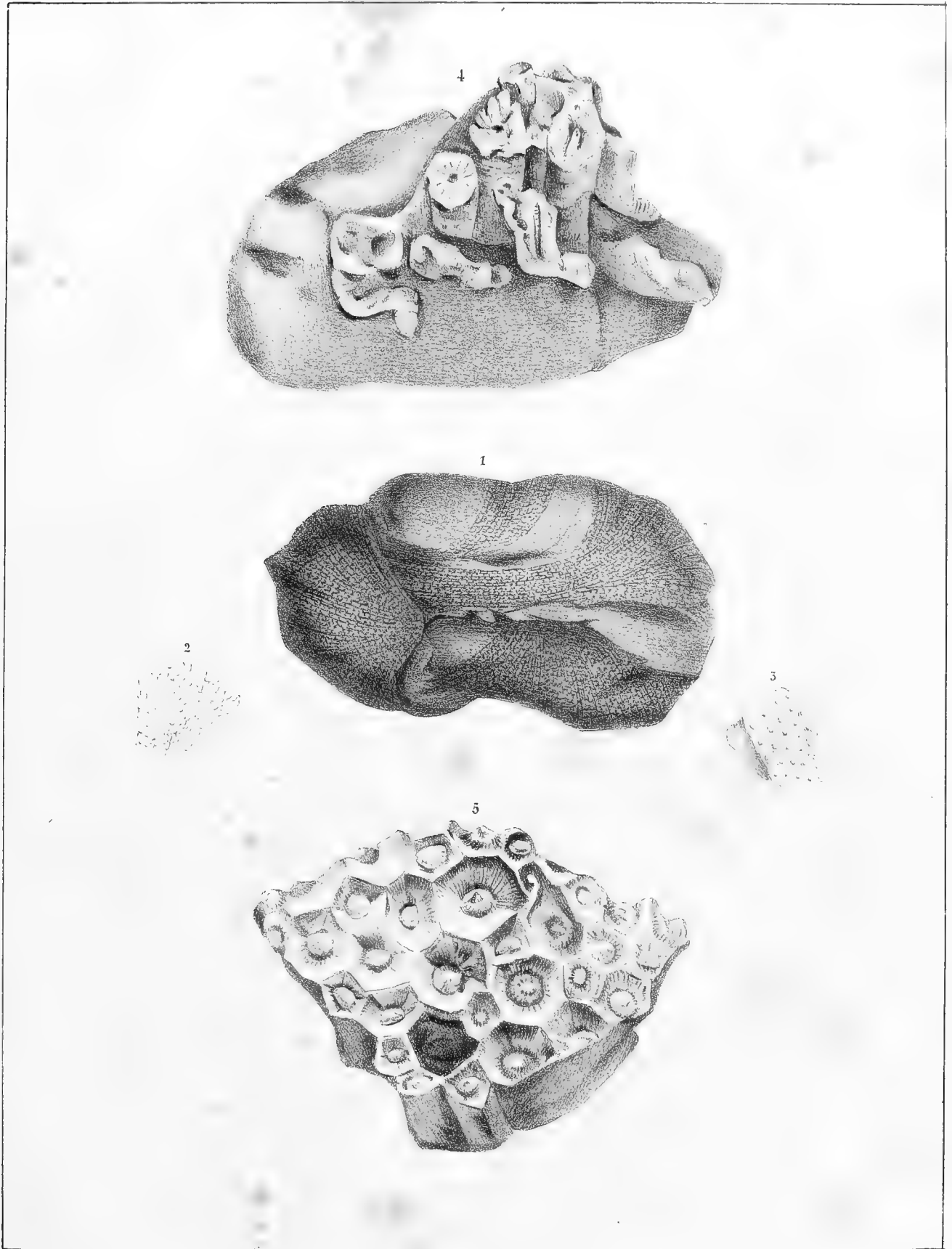


2

Lith. d'Artus, rue de la Harpe 50

1. *Lithodendron Irregularare*. Phillips. 2. *Calamopora Verneuilleti*. n. s.

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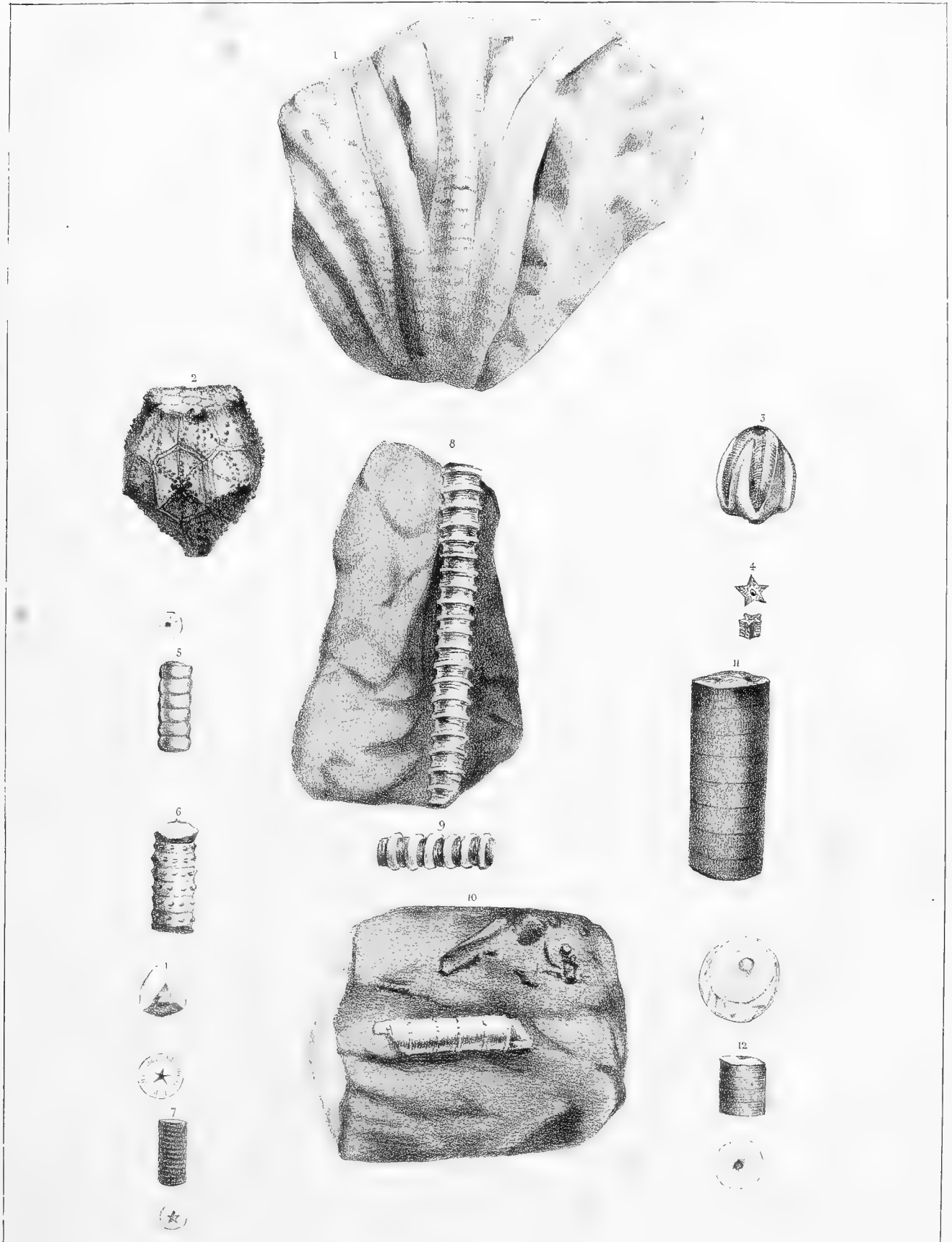


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Gorgonia:

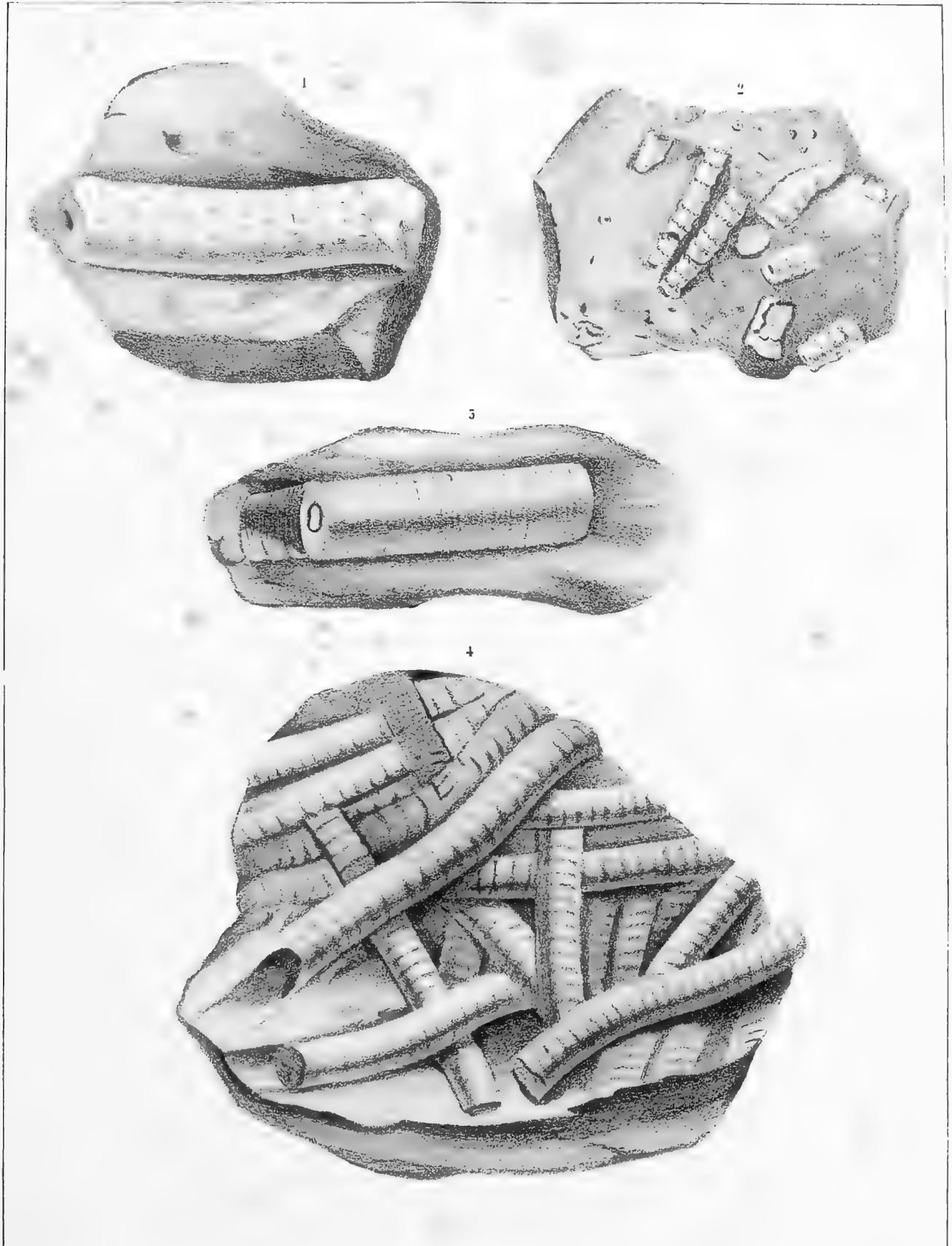
1. *G. Anticorum* n.s. 2. *id.* *grossi*. 3. *G. Pripisteria grossi*. 4. *Acinura* (n.g.) *Canadensis* n.s. 5. *Clusia mamillaris*.

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Encrinites ou Crinoides.

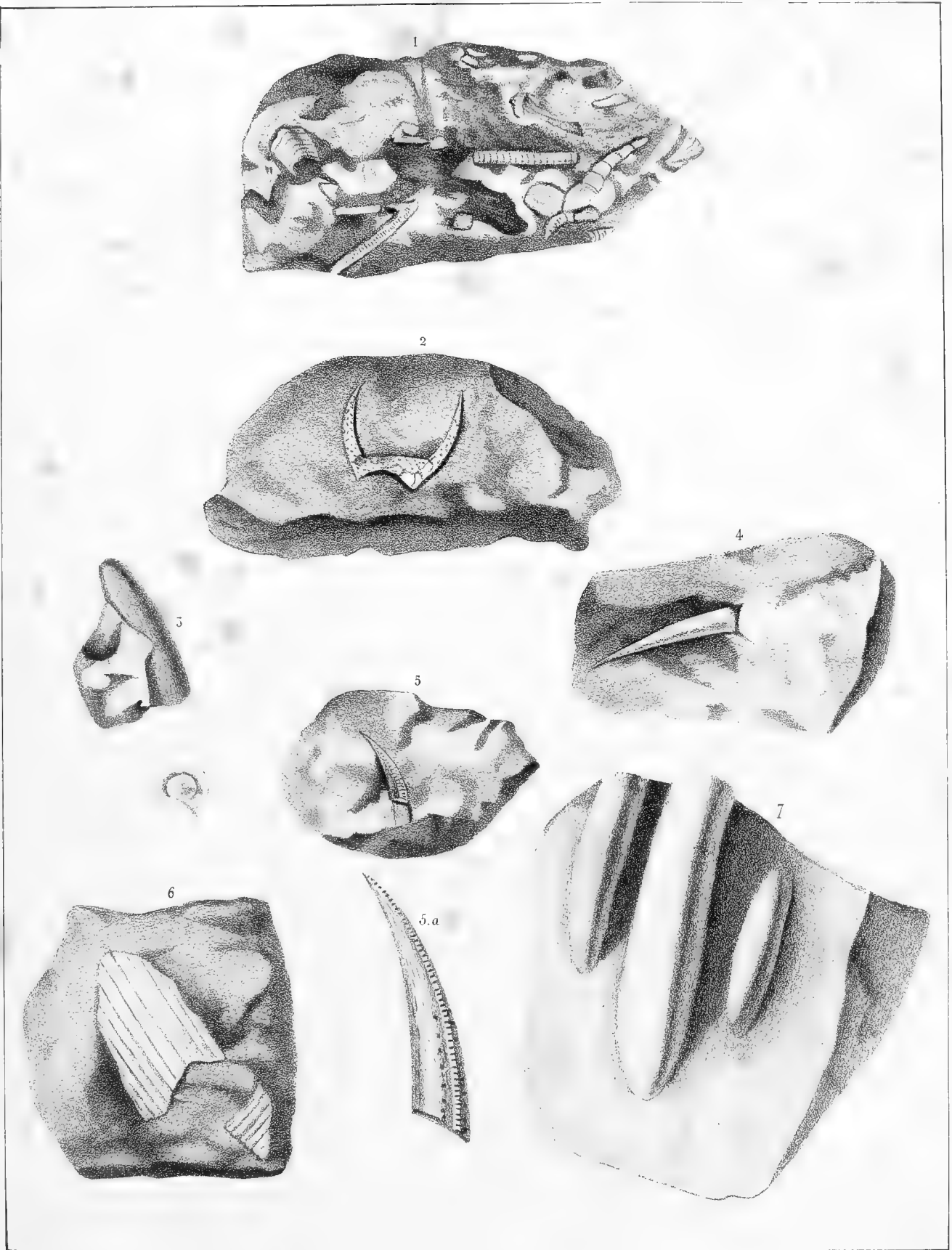
MA. v. [unclear]
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Lith. d'Artus, rue de la Harpe 50

Spongites ou Sponcules.

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Lith d'Artus, rue de la Harpe 50

Corps de classe incertaine.

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