Fiches de Fossiles des Vaches Noires

La notion d'espèce en paléontologie est particulièrement complexe. Cette notion pose déjà de nombreuses difficultés chez le vivant contemporain. Elle est encore plus complexe pour les paléoespèces. En effet, le paléontologue travaille le plus souvent à partir de restes fragmentaires, fossilisés, et privés de toute information directe sur la génétique, le comportement ou la reproduction.

Définir une espèce fossile repose essentiellement sur des critères morphologiques. Or ces caractères peuvent varier fortement au sein d'une même espèce. Toute personne ayant ramassé des coquillages s'en rend bien compte. Il est par exemple difficile de distinguer ce qui relève d'un dimorphisme sexuel : des différences de taille, de forme ou d'ornementation peuvent correspondre à des mâles et des femelles, mais aussi à des espèces distinctes. De la même manière, un fossile peut appartenir à un individu jeune, à une larve ou à un adulte, notamment chez des organismes à stades larvaires marqués ou à croissance continue, ce qui complique l'interprétation des différences observées.

S'ajoutent à cela les variations liées à l'âge, à l'état de santé ou aux conditions de vie. Un individu malade, mal nourri ou présentant une anomalie de croissance peut montrer des caractères atypiques susceptibles d'être interprétés à tort comme spécifiques. Les déformations post mortem et les effets de la fossilisation (compression, érosion, lacunes) accentuent encore ces incertitudes.

À cela s'ajoute aussi le désir des découvreurs d'avoir le plaisir de nommer une « nouvelle » espèce afin d'entrer dans l'histoire, à une époque où les connaissances circulaient moins facilement. Un nouveau fossile à Villers était peut-être déjà connu en Angleterre…

Ainsi, en paléontologie, la notion d'espèce est souvent une construction hypothétique, fondée sur des regroupements de fossiles présentant des caractères jugés suffisamment proches et distincts d'autres ensembles. Elle reste révisable à la lumière de nouvelles découvertes ou de nouvelles méthodes d'analyse. Cela explique que certaines espèces fossiles aient été décrites à partir de quelques spécimens seulement, puis regroupées ou redéfinies par la suite, illustrant le caractère provisoire et débattu de la notion d'espèce dans ce champ scientifique.

Cette collection de fiches est le fruit d'un travail remarquable réalisé par un amateur éclairé, membre de la Pierre Conchoise. Il a entrepris de rechercher, dans la littérature ancienne, le nom attribué à chaque fossile qu'il a trouvé aux Vaches Noires avant d'en faire don au musée. Les déterminations proposées sont à chaque fois de véritables petites enquêtes. Elles doivent toutefois être réactualisées et comportent probablement des erreurs, ce qui explique, avec l'humilité du personnage, l'anonymat de leur auteur.

Il n'en demeure pas moins qu'un tel travail exige une grande patience et une méticulosité certaine, qu'il convient de souligner. Les fiches ont été ici compilées et mises en ligne afin de faciliter leur consultation et, espérons-le, de permettre à une personne compétente d'enrichir, de corriger et de consolider les références.

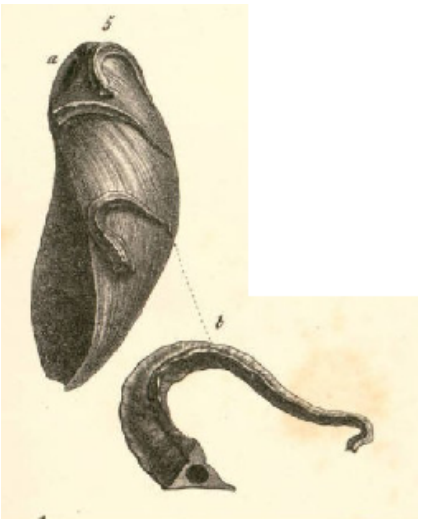
Table des matières

Annélides....3
Bivalves.... 5
Brachiopodes....20
Gastéropodes.... 23
Echinoderme.... 26
Ammonites.... 34
Belemnites....40
Eponges.... 41
Arthropodes.... 43
Foraminifère.... 45

Annélides



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Serpula angulata.pdf



Glomerula lombricus.pdf



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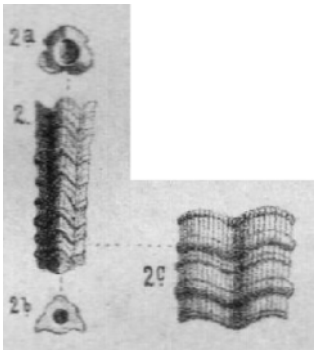
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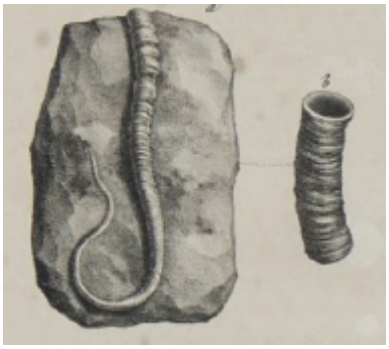
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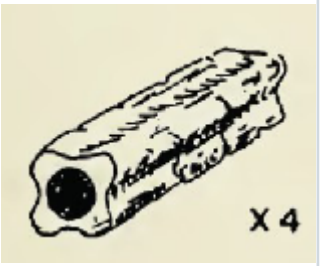
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Bivalves



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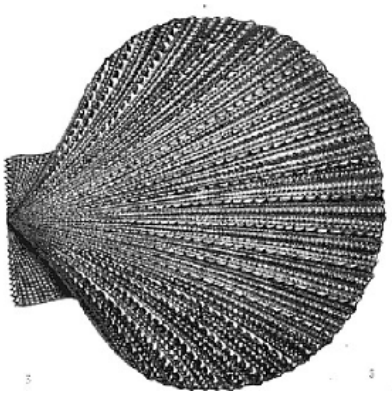
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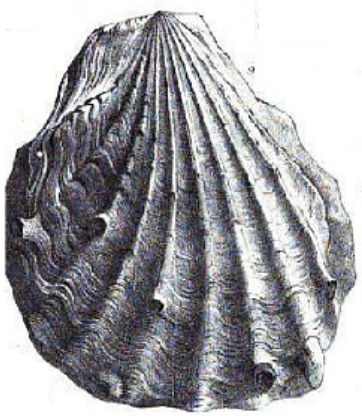
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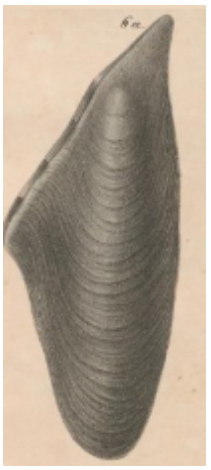
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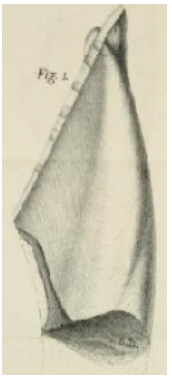
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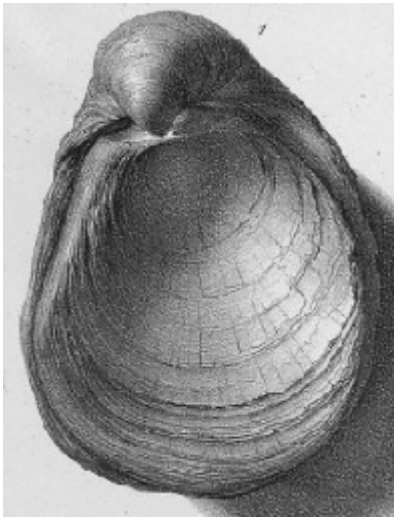
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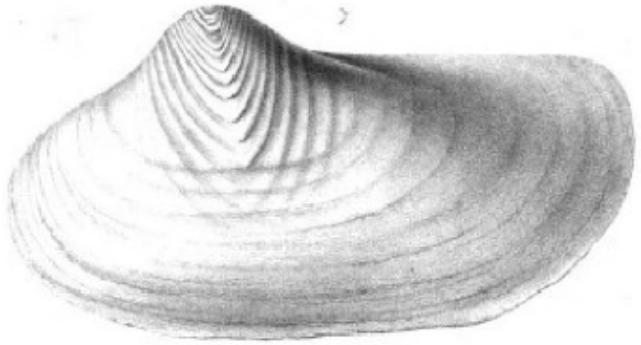
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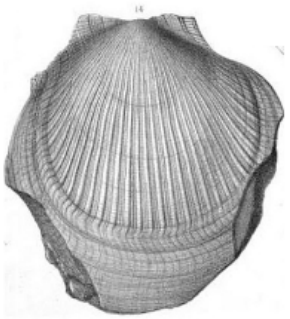
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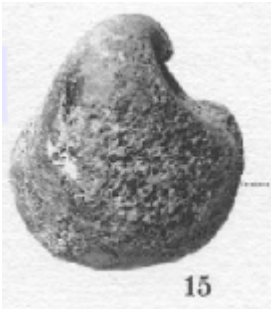
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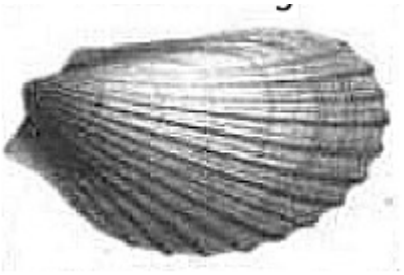
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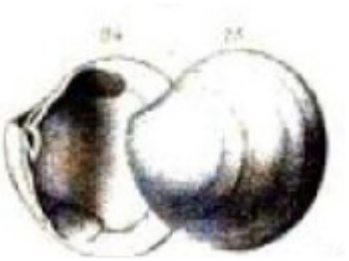
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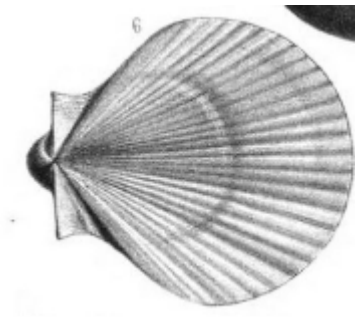
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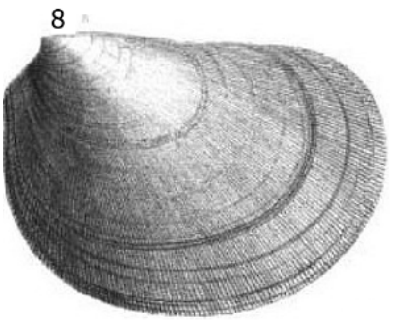
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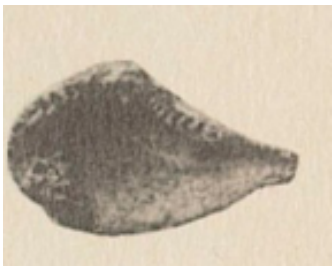
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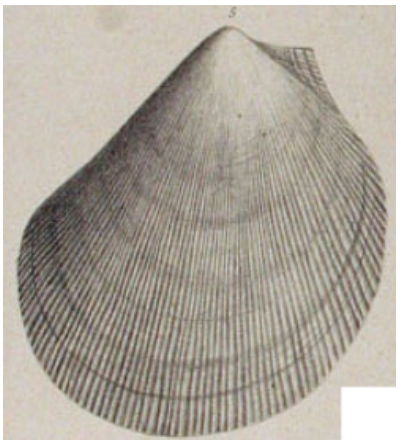
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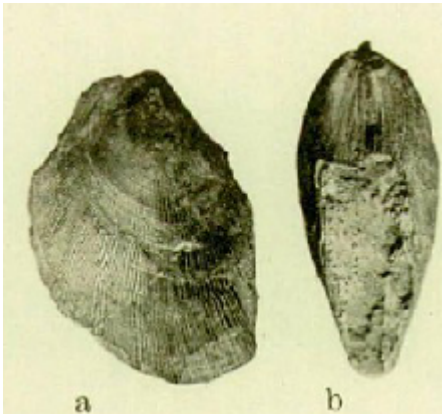
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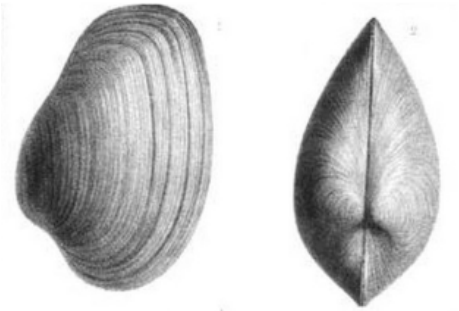
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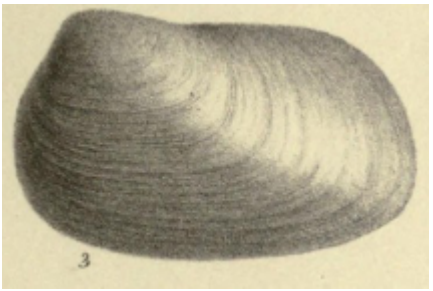
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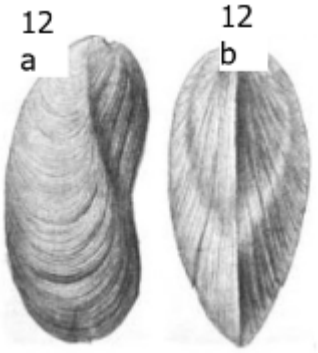
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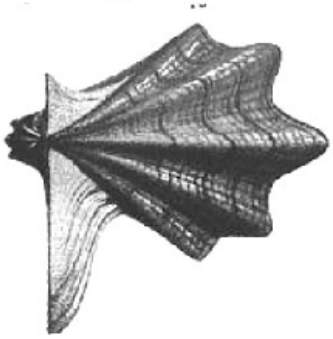
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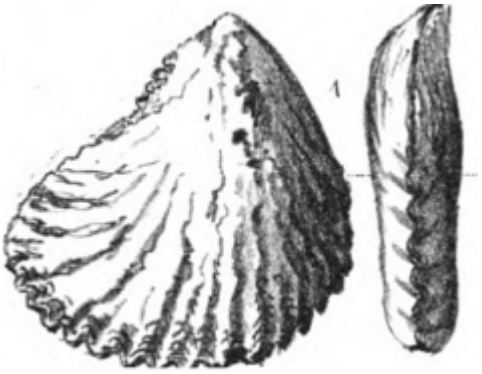
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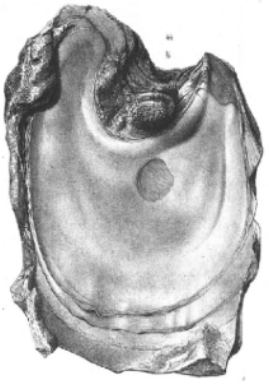
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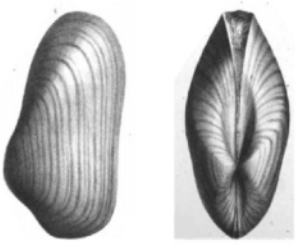
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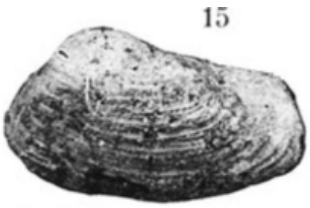
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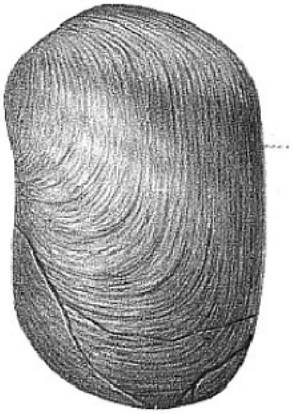
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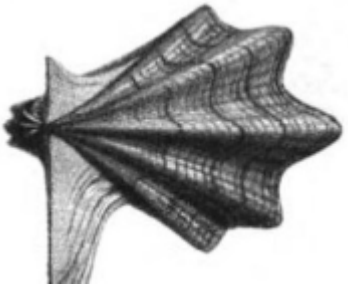
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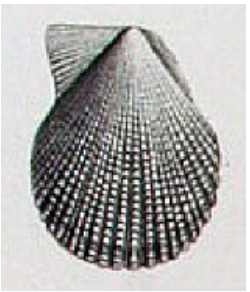
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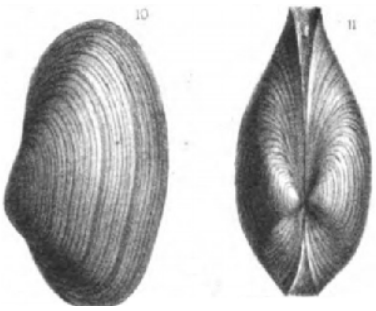
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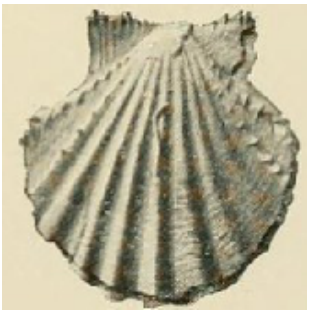
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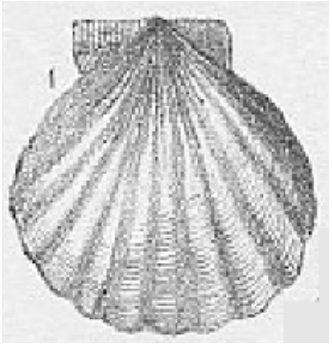
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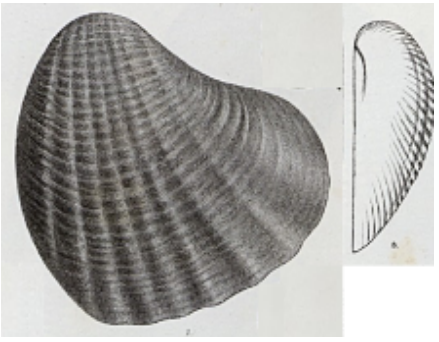
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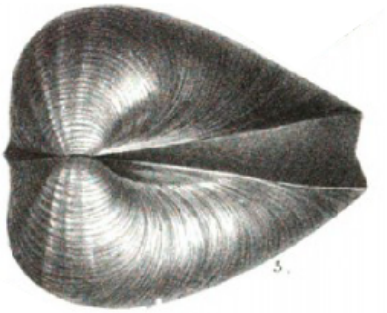
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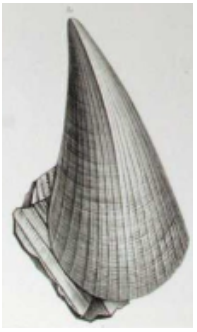
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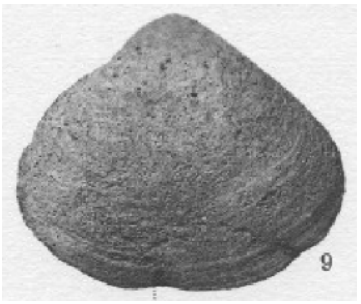
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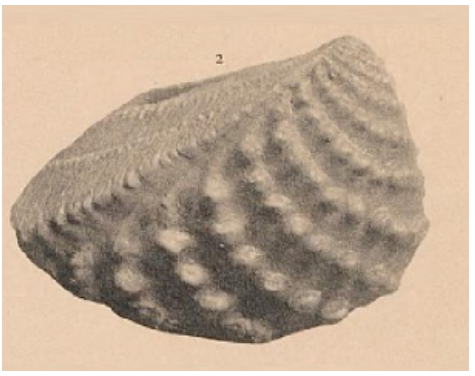
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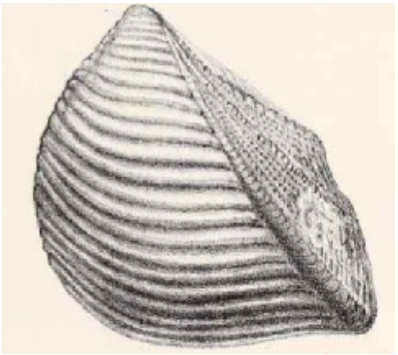
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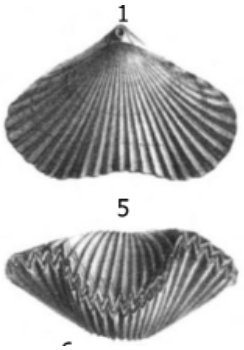


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Brachiopodes



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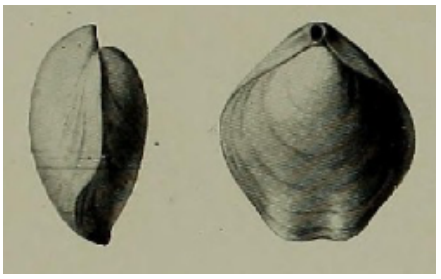
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Gastéropodes



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Bathrotomaria perspectiva.pdf

Bathrotomaria subgigantea.pdf



Cenchritis muricatus.pdf



Amberleya kobyi.pdf



Bathrotomaria reticulata.pdf

Pleurotomaria reticulata.pdf



Cerithium fusiforme.pdf



Bathrotomaria millepunctata.pdf



Bourguetia striata.pdf



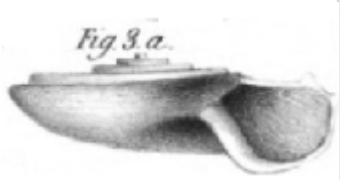
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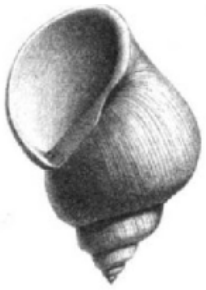
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Dentalium undulatum.pdf



Natica clytia.pdf



Petersia aculeata.pdf



Littorina spinulosa.pdf



Natica turbiniformis.pdf



Pleurotomaria bijuga.pdf



Natica chauviniana.pdf



Neritopsis plesiomorpha.pdf



Pleurotomaria buchiana.pdf

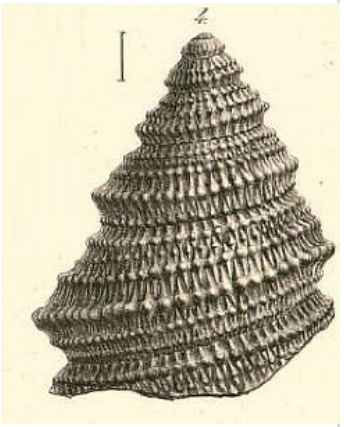


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Pleurotomaria tornata.pdf



Trochus anaglypticus.pdf



Pleurotomaria eudora.pdf



Pseudalaria unicarinata.pdf



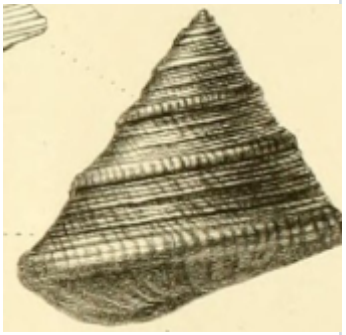
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Pleurotomaria fittoni.pdf



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Turbo praetor.pdf

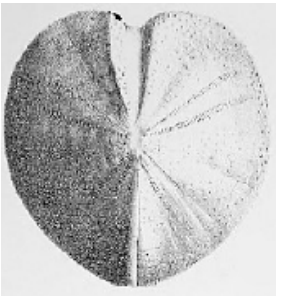
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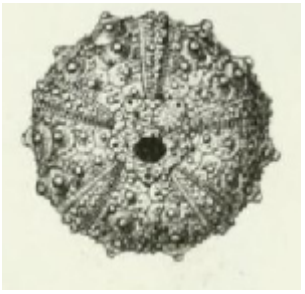
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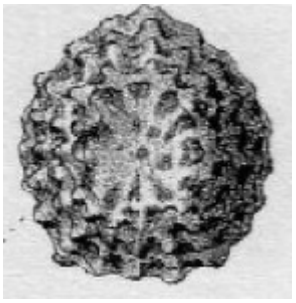
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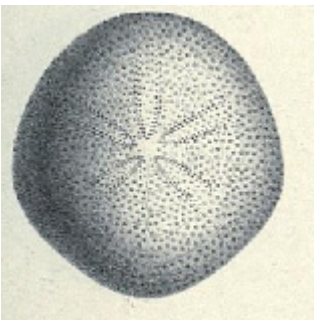
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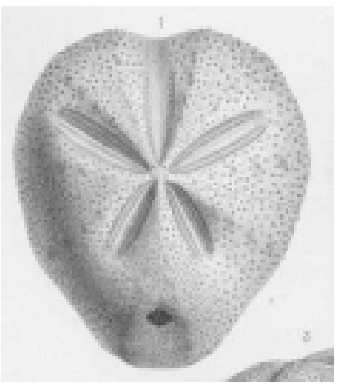
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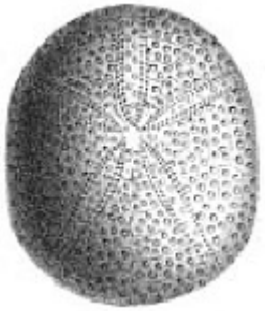
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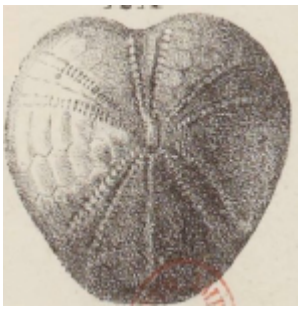
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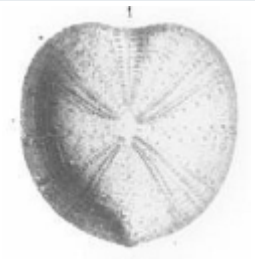
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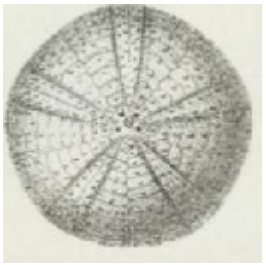


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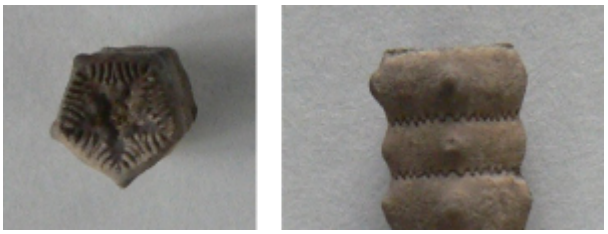
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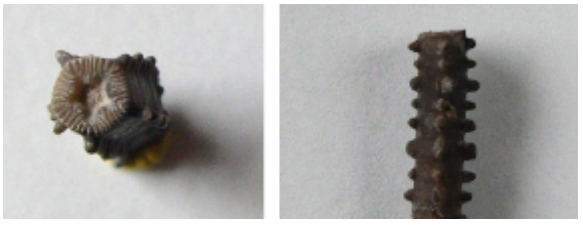
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Millericrinus echinatus.pdf



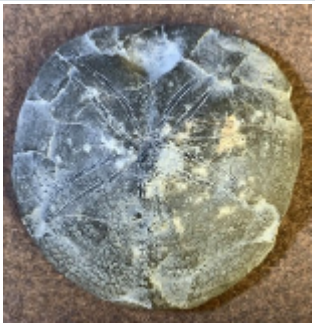
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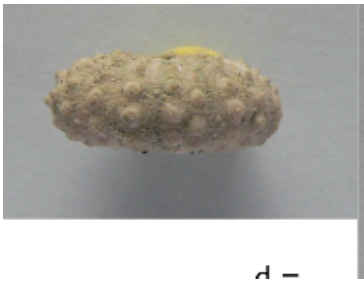

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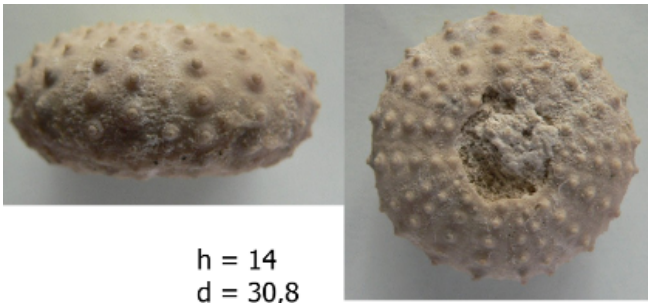
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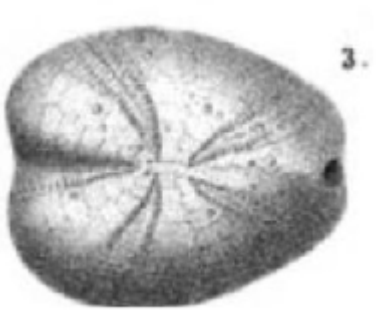
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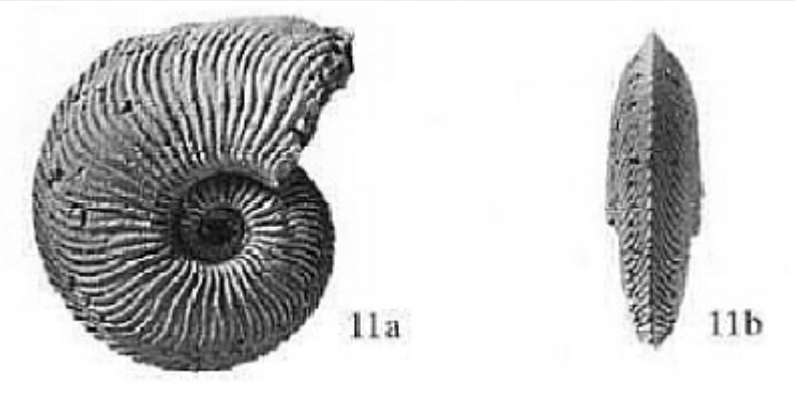


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Ammonites



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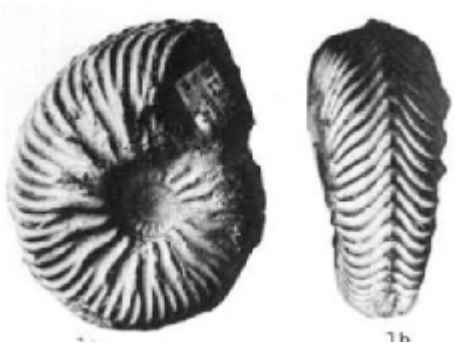
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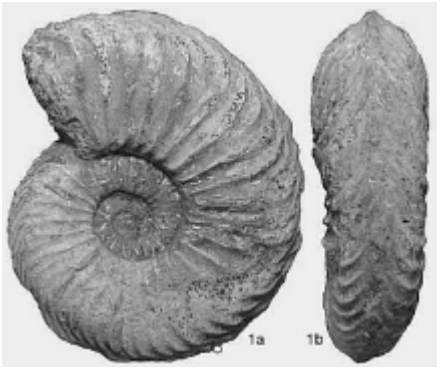
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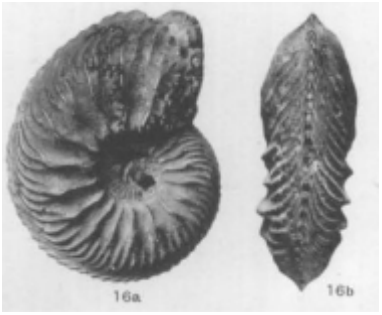
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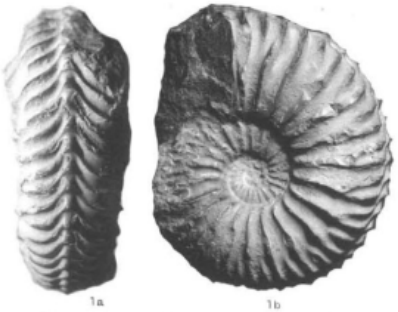
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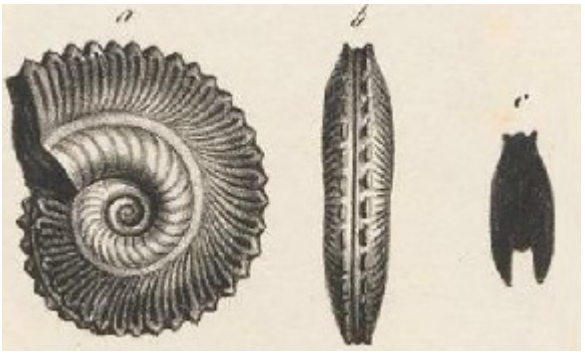
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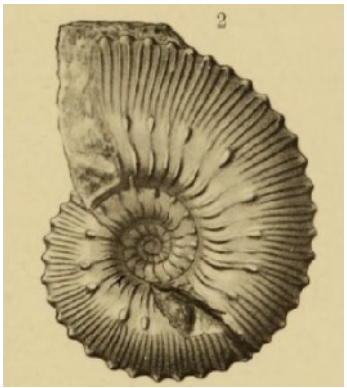
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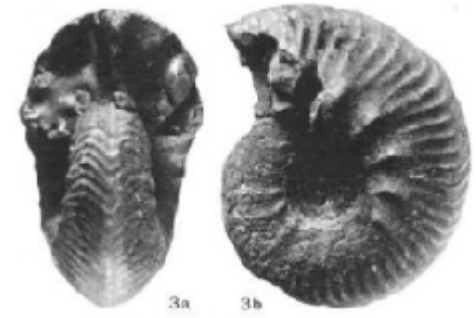
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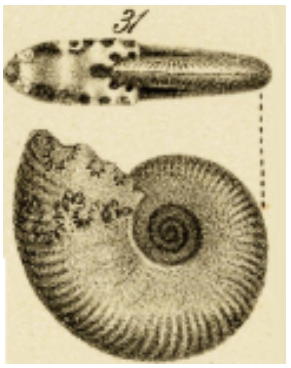




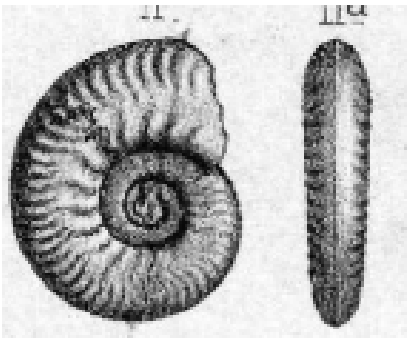
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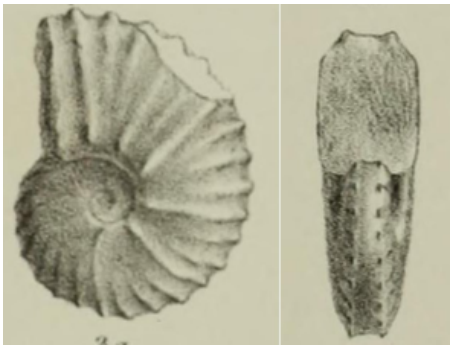
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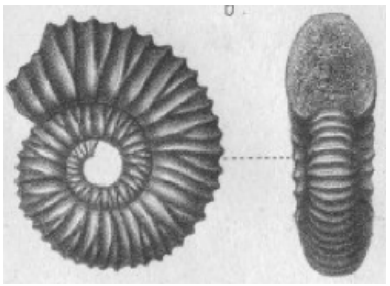
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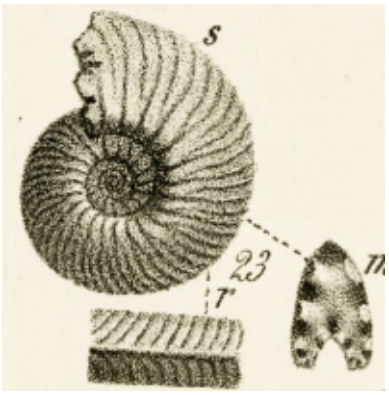
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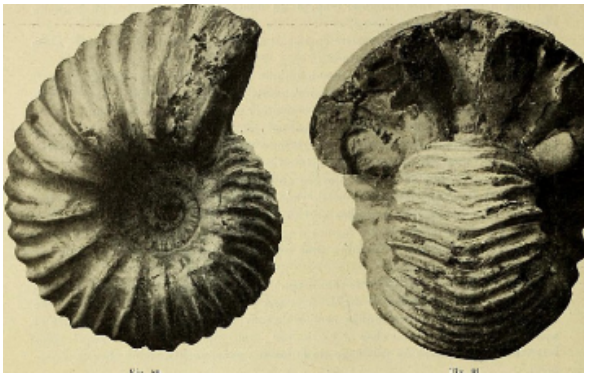
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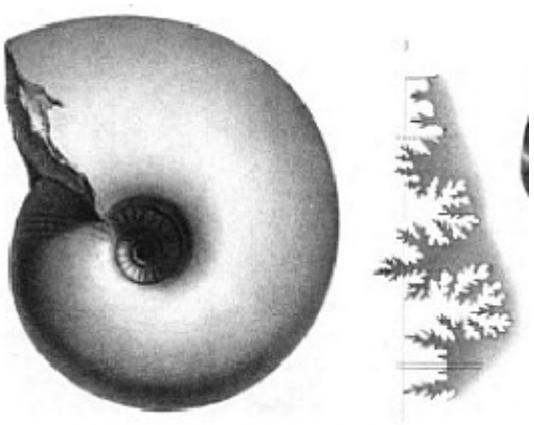
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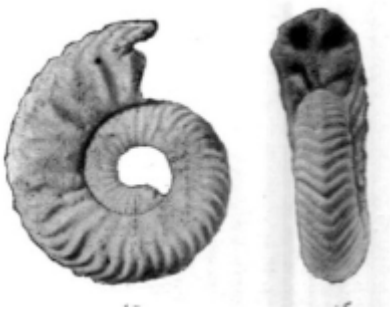
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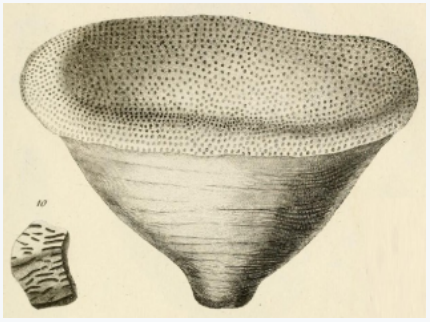
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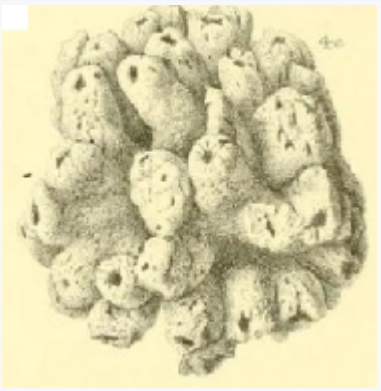


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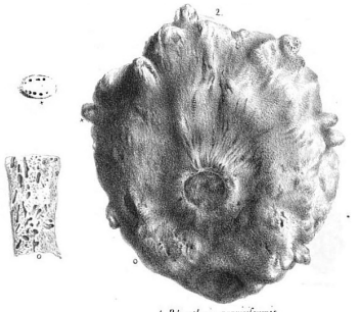
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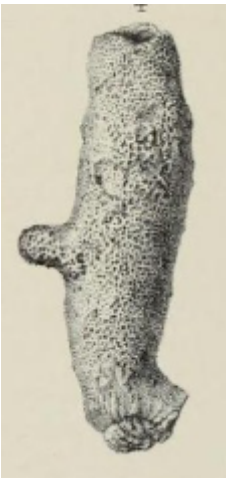
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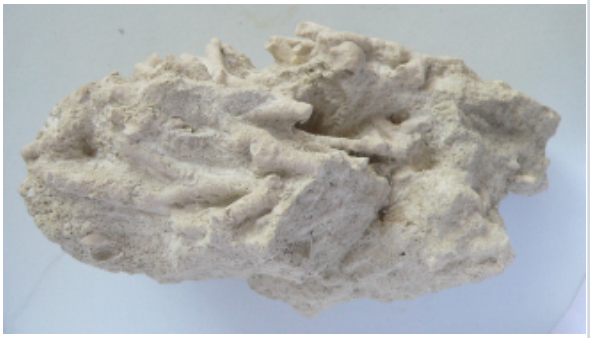
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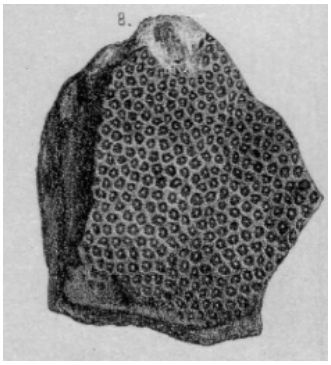
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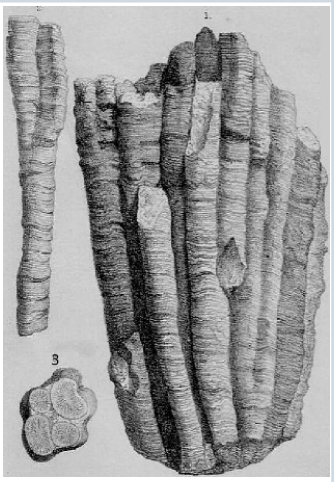
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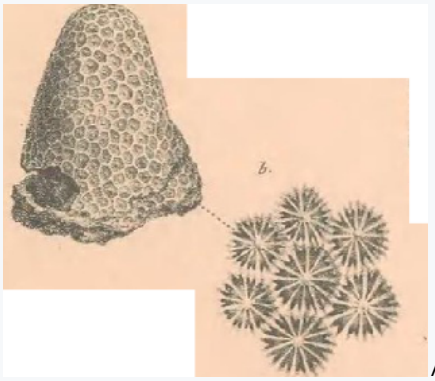


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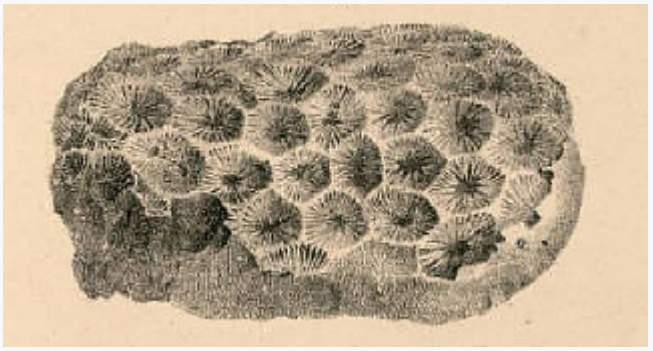
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