

EXPLANATION OF PLATES

EXPLANATION OF PLATE 1 (¹).

FIG. 1. — *Cidaris vesiculosa* Goldfuss. Figured specimens Musée d'Histoire naturelle, Brussels.

- a) Side view of the test of a specimen from the Tourtia de Tournai (Cenomanian) at Tournai.
- b) Spine from the same horizon and locality.
- c) Spine from the Turonian at Tournai ?

FIG. 2. — *Cidaris hirudo* Soriguet. Figured specimens Musée d'Histoire naturelle, Brussels.

- a), b), c) Spines from the Turonian at Autreppe (Hainaut).

FIG. 3. — *Cidaris pseudosceptraifera* Hébert. Figured specimens Musée d'Histoire naturelle, Brussels.

- a), b) Spines from the Turonian at Maisières.

FIG. 4. — *Cidaris forchammeri* Desor. Figured specimens Musée d'Histoire naturelle, Brussels (I. G. 8696).

- a) Spine of the large type from the Maestrichtian at Voort Charb., Zolder, puits n° 1 (349-353 m.).
- b), c) Interambulacral plates, same horizon and locality.
- d) Spine of the small type, same horizon and locality.

FIG. 5. — *Cidaris filamentosa* Agassiz. Figured specimens Musée d'Histoire naturelle, Brussels.

- a) Spine from the Maestrichtian at St. Pierre.
- b) Spine of a smaller type, same horizon and locality.

FIG. 6. — *Cidaris distincta* Soriguet. Figured specimens Musée d'Histoire naturelle, Brussels (a-I. G. 6544, b-I. G. 8591).

- a) Spine from the Calcaire grossier de Mons (Montian) at Mons (puits Coppée).
- b) Same, $\times 2$.
- c) Interambulacral and ambulacral fragments from the same horizon at Eysden, Charb. puits n° 2 (234-235 m.).
- d) Same, $\times 2$.

FIG. 7. — *Balanocidaris sorigneti* Desor. Figured specimens Musée d'Histoire naturelle, Brussels.

- a), b) Two sizes of spines from the Tourtia de Tournai (Cenomanian) at Tournai.

FIG. 8. — *Balanocidaris schlüteri* Lambert. Figured specimens Musée d'Histoire naturelle, Brussels.

- a), b), c) Three types and sizes of spines from the Maestrichtian at St. Pierre.

FIG. 9. — *Balanocidaris hardouini* Desor. Figured specimens Musée d'Histoire naturelle, Brussels.

- a) to e) Spines of various types from the Maestrichtian (upper) at Geulem.

FIG. 10. — *Dorocidaris perornata* Forbes. Spine from the Maestrichtian at St. Pierre. Figured specimen Musée d'Histoire naturelle, Brussels.

FIG. 11. — *Dorocidaris faujasi* Desor. Figured specimens Musée d'Histoire naturelle, Brussels.

- a) Spine from the Maestrichtian (lower) at St. Pierre.
- b), c) Interambulacral plates, same horizon and locality.

FIG. 12. — *Typocidaris serrata* Desor. Figured specimens Musée d'Histoire naturelle, Brussels (a, b-I. G. 4285, c-I. G. 2561).

- a) Spine from the Maestrichtian at St. Pierre.
- b) Interambulacral plates, same horizon and locality.
- c) Fragment of the test of a small young form from the Maestrichtian, locality unknown.

(¹) Where not otherwise indicated all figures are natural size.



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EXPLANATION OF PLATE 2.

FIG. 1. — *Typocidaris subvesiculosa* d'Orbigny. Figured specimens Musée d'Histoire naturelle, Brussels.

- a) Spine from the Maestrichtian at St. Pierre.
- b), c) Interambulacral plates from the same horizon and locality.

FIG. 2. — *Stereocidaris sceptrifera* Mantell. Figured specimens Musée d'Histoire naturelle, Brussels.

- a) Spine, almost complete, from the Maestrichtian at St. Pierre.
- b) Another spine, less regular, from the same horizon and locality.

FIG. 3. — *Hemicidaris* sp. Figured specimens Musée d'Histoire naturelle, Brussels.

- a) Small type, or secondary spine from the Maestrichtian at St. Pierre.
- b) Same, $\times 2$.
- c) Large primary spines, same horizon and locality.
- d) Same, lower part of the larger spine in figure 3c, $\times 2$.

FIG. 4. — *Orthopsis miliaris* d'Archiac. Figured specimen Musée d'Histoire naturelle, (I. G. 6521).

- a) Upper surface of a fragmentary specimen from the Maestrichtian at St. Pierre.
- b) Same, side view.
- c) Same, ventral surface.

FIG. 5. — *Salenia petalifera* Desmarests. Figured specimen Musée d'Histoire naturelle, Brussels.

- a) Upper surface of a specimen from the Tourtia de Tournai (Cenomanian) at Tournai.
- b) Same, side view.
- c) Same, ventral surface.

FIG. 6. — *Salenia minima* Desor. Figured specimen Musée d'Histoire naturelle, Brussels (I. G. 4285).

- a) Upper surface of a specimen from the Maestrichtian at St. Pierre.
- b) Same, $\times 2$.
- c) Same, side view, $\times 2$.
- d) Same, ventral surface, $\times 2$.

FIG. 7. — *Salenia bourgeoise* Cotteau. Figured specimens Musée d'Histoire naturelle, Brussels (I. G. 9746).

- a) Upper surface of a small young form from the Maestrichtian at Orp-le-Grand (Cimenteries).
- b) Upper surface of a larger adult form from the same horizon and locality.
- c) Same, side view.
- d) Same, ventral surface.

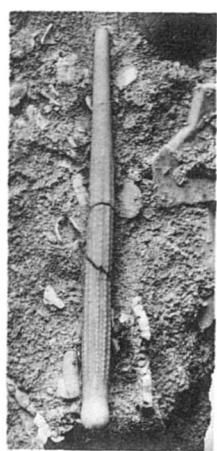
FIG. 8. — *Gauthieria radiata* Soriguet. Figured specimens Musée d'Histoire naturelle, Brussels (I. G. 8261).

- a) Upper surface of a specimen from the Craie de Maisières (Turonian) at Maisières.
- b) Same, ventral surface.
- c) Same, side view.
- d) Two spines from the Maestrichtian at St. Pierre.
- e) Same, $\times 2$.

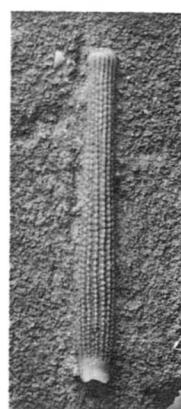
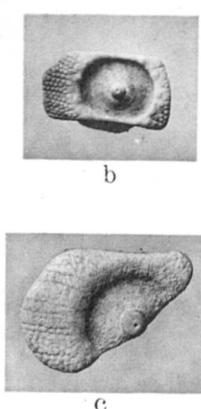
FIG. 9. — *Codiopsis doma* Desmarests. Figured specimen Musée d'Histoire naturelle, Brussels.

- a) Upper surface of a specimen from the Tourtia de Tournai (Cenomanian) at Tournai.
- b) Same, side view.
- c) Same, ventral surface.

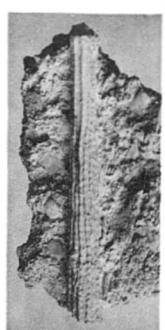
FIG. 10. — *Codiopsis doma* var. *conicus* n. var. Side view of the holotype from the Tourtia de Tournai (Cenomanian) at Tournai. Musée d'Histoire naturelle, Brussels.



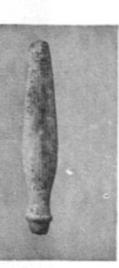
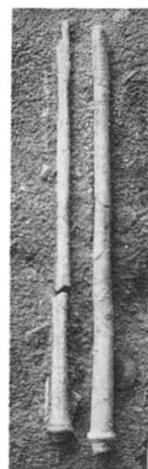
1 a-c. — *Typocidaris subvesiculosa*.



2 a-b. — *Stereocidaris sceptrifera*.



a

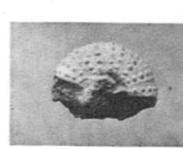
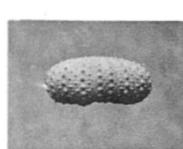
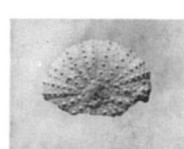


b x 2

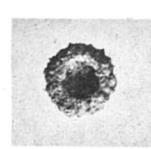
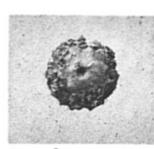


d x 2

3 a-d. — *Hemicidaris* sp.



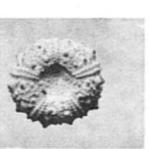
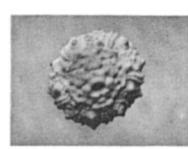
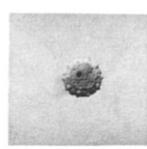
4 a-c. — *Orthopsis miliaris*.



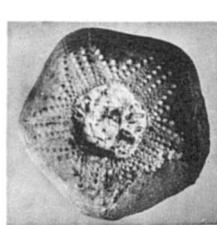
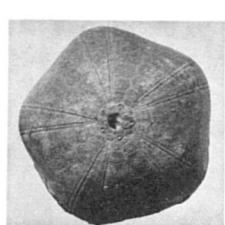
6 a-d. — *Salenia minima*.



5 a-c. — *Salenia petalifera*.



7 a-d. — *Salenia bourgeoisi*.



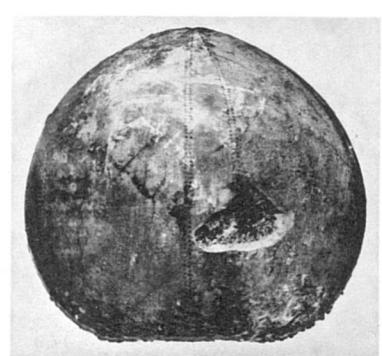
a

b

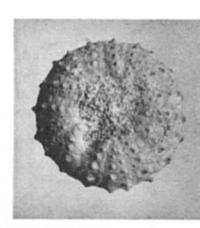


c

9 a-c. — *Codiopsis doma*.



10. — *Codiopsis doma*
var. *conicus*.

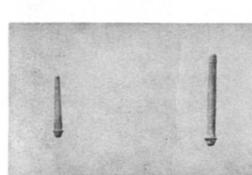


a

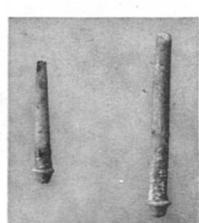
b



c



d



e x 2

8 a-e. — *Gauthieria radiata*.

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EXPLANATION OF PLATE 3.

FIG. 1. — *Codiopsis arnaudi* Cotteau. Figured specimen Musée d'Histoire naturelle, Brussels (I. G. 9694).

- a) Upper surface of a specimen from the Tourtia de Tournai (Cenomanian) at Tournai.
- b) Same, $\times 2$.
- c) Same, side view, $\times 2$.
- d) Same, ventral surface, $\times 2$.

FIG. 2. — *Codiopsis pierrensis* n. sp. Holotype Musée d'Histoire naturelle, Brussels (I. G. 4285).

- a) Upper surface of a specimen from the Maestrichtian at St. Pierre.
- b) Same, side view.
- c) Same, ventral surface.
- d) Same, upper surface, $\times 2$.
- e) Upper surface of a young form from the same horizon and locality.
- f) Same, side view.
- g) Same, ventral surface.
- h) Same, upper surface, $\times 2$.

FIG. 3. — *Goniopygus minor* Sorignet. Figured specimen Musée d'Histoire naturelle, Brussels (I. G. 8261).

- a) Upper surface of a specimen from the Calcaire grossier de Mons (Montian) at Mons.
- b) Same, $\times 2$.
- c) Same, side view, $\times 2$.
- d) Same, ventral surface, $\times 2$.

FIG. 4. — *Pygaster truncatus* Agassiz. Figured specimen Musée d'Histoire naturelle, Brussels (I. G. 6521).

- a) Upper surface of a specimen from the Tourtia de Tournai (Cenomanian) at Tournai.
- b) Same, ventral surface.
- c) Same, posterior view.
- d) Same, side view.

FIG. 5. — *Discoides minimus* Agassiz. Figured specimen Musée d'Histoire naturelle, Brussels.

- a) Upper surface of a specimen from the Turonian, locality unknown.
- b) Same, $\times 2$.
- c) Same, side view, $\times 2$.
- d) Same, ventral surface, $\times 2$.

FIG. 6. — *Conulus nucula* A. Gras. Figured specimen Musée d'Histoire naturelle, Brussels (I. G. 6521).

- a) Upper surface of a specimen from the Turonian at Tournai ?
- b) Same, ventral surface.
- c) Same, posterior view.
- d) Same, side view.

FIG. 7. — *Conulus subrotundus* Mantell. Figured specimen Musée d'Histoire naturelle, Brussels (I. G. 5496).

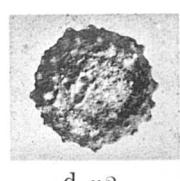
- a) Upper surface of a specimen from the Turonian at Bruxelles.
- b) Same, ventral surface.
- c) Same, posterior view.
- d) Same, side view.

FIG. 8. — *Conulus subsphaeroidalis* d'Archiac. Figured specimen Musée d'Histoire naturelle, Brussels (I. G. 5096).

- a) Upper surface of a specimen from the Tourtia de Tournai (Cenomanian) at Tournai.
 - b) Same, ventral surface.
 - c) Same, posterior view.
 - d) Same, side view.
-



1 a-d. — *Codiopsis arnaudi*.



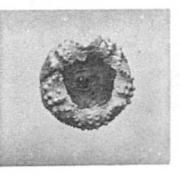
d x 2



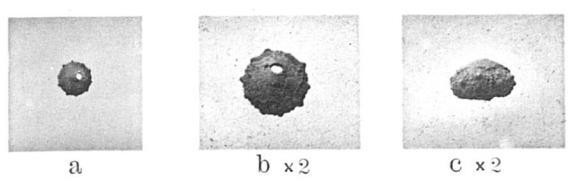
a



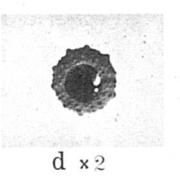
b



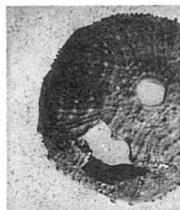
c



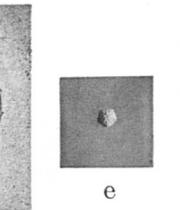
3 a-d. — *Goniopygus minor*.



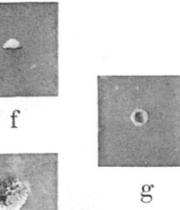
d x 2



d x 2



e



h x 2

2 a-h. — *Codiopsis pierrensis*.



a

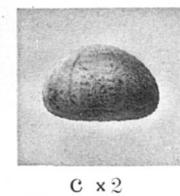
b



a



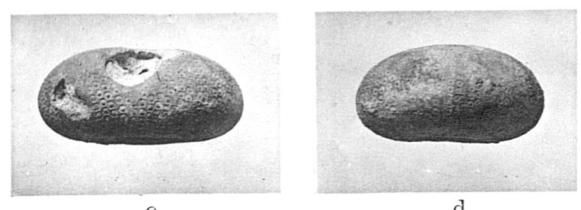
b x 2



c x 2

d x 2

5 a-d. — *Discoides minimus*.

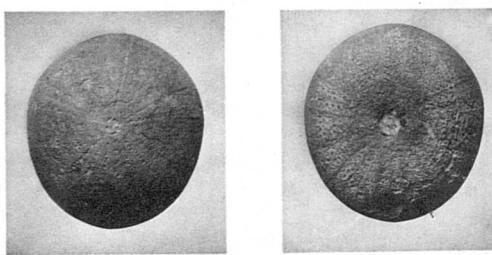


4 a-d. — *Pygaster truncatus*.



a

b



a



b

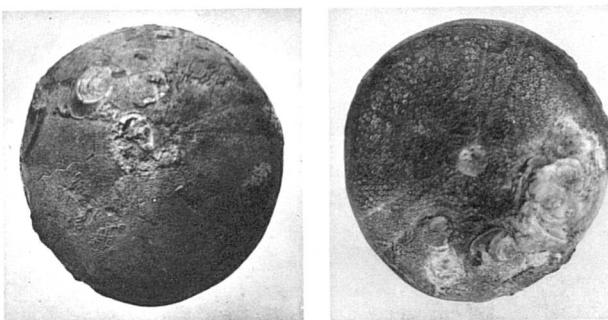


d



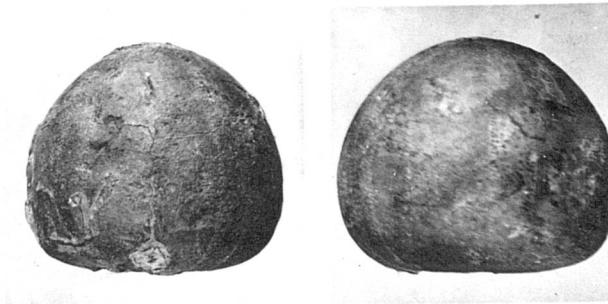
c

6 a-d. — *Conulus nucula*.



a

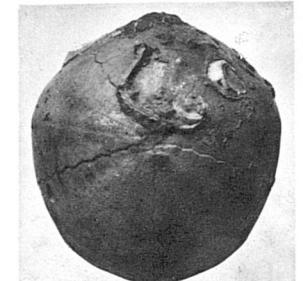
b



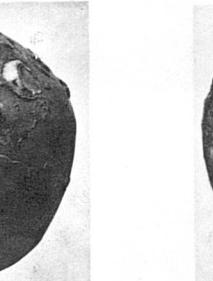
c

d

7 a-d. — *Conulus subrotundus*.



a



b

8 a-d. — *Conulus subsphaeroidalis*.

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EXPLANATION OF PLATE 4.

FIG. 1. — *Conulus laevis* d'Orbigny. Figured specimen Musée d'Histoire naturelle, Brussels.

- a) Upper surface of a specimen from the Tourtia de Tournai (Cenomanian) at Calonnnes.
- b) Same, ventral surface.
- c) Same, posterior view.
- d) Same, side view.

FIG. 2. — *Pseudopyrina desmoulini* d'Archiac.

- a) Upper surface of a specimen from the Tourtia de Tournai (Cenomanian) at Tournai. Figured specimen University of Liège, Paleontological museum, n° 2248.
- b) Same, ventral surface.
- c) Same, side view.
- d) Same, posterior view.
- e) Upper surface of a smaller specimen from the same horizon and locality. Figured specimen Musée d'Histoire naturelle, Brussels.
- f) Same, side view.
- g) Upper surface of a young from the same level and locality. Figured specimen Musée d'Histoire naturelle.

FIG. 3. — *Pseudopyrina minuta* n. sp. Holotype Musée d'Histoire naturelle, Brussels.

- a) Upper surface of the holotype from the Maestrichtian (upper) at St. Pierre.
- b) Same, $\times 2$.
- c) Same, ventral surface, $\times 2$.
- d) Same, posterior view.
- e) Same, side view, $\times 2$.

FIG. 4. — *Echinoconus sulcatoradiatus* Goldfuss. Figured specimen Musée d'Histoire naturelle, Brussels (I. G. 9219).

- a) Upper surface of a specimen from the Maestrichtian at Fox-les-Caves.
- b) Same, ventral surface.
- c) Same, posterior view.
- d) Same, side view.

FIG. 5. — *Trematopygus analis* Agassiz. Figured specimens Musée d'Histoire naturelle, Brussels (I. G. 5496).

(Figures a-e are of the same specimen figured by Lambert as *Lychnidius scrobiculatus*.)

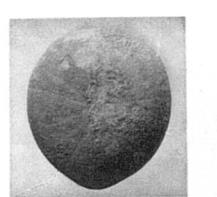
- a) Upper surface of the specimen from the Poudingue de la Malogne (Maestrichtian) at Ciply.
- b) Same, $\times 2$.
- c) Same, ventral surface, $\times 2$.
- d) Same, side view, $\times 2$.
- e) Same, posterior view, $\times 2$.
- f) Side view of a larger specimen, same horizon and locality.
- g) Same, ventral surface.

FIG. 6. — *Pygaulus pulvinatus* d'Archiac. Figured specimens Musée d'Histoire naturelle, Brussels.

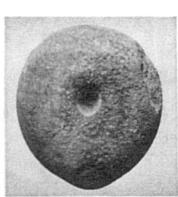
- a) Upper surface of a specimen from the Tourtia de Tournai (Cenomanian) at Tournai.
- b) Same, ventral surface.
- c) Same, side view.
- d) Same, posterior view.
- e) Upper surface of a young form, showing very distinctly the four genital pores. Labeled Poudingue de la Malogne (Maestrichtian) at Ciply. Very doubtful as to the correctness of the horizon.

FIG. 7. — *Pygorhyncus ovalis* n. sp. Holotype Musée d'Histoire naturelle, Brussels.

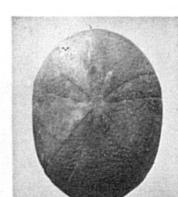
- a) Upper surface of the holotype from the Maestrichtian, Zwartberg puits n° 1.
- b) Same, side view.
- c) Same, posterior view.
- d) Same, ventral surface.



a



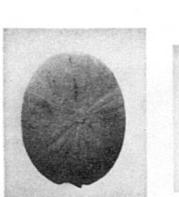
b



a



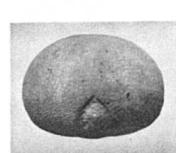
b



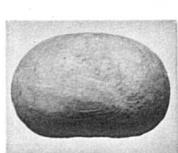
e



g



c

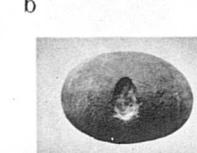


d

1 a-d. — *Conulus laevis*.



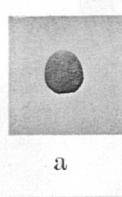
2 a-g. — *Pseudopyrina desmoulini*.



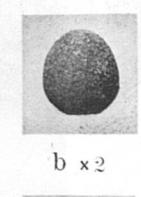
b



e



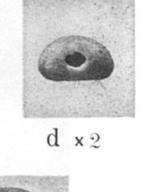
a



b x 2



c x 2



d x 2

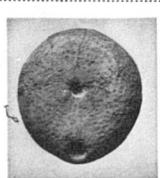


e x 2

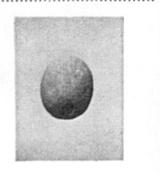
3 a-e. - *Pseudopyrina minuta*.



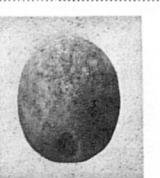
a



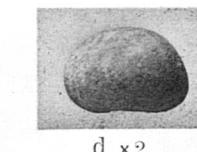
b



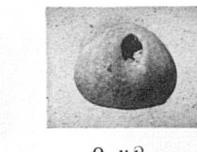
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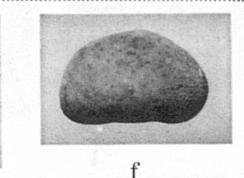
b x 2



d x 2



e x 2



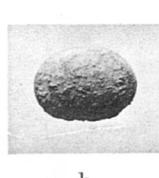
f

4 a-d. — *Echinoconus sulcatoradiatus*.

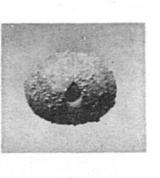
5 a-g. — *Trematopygus analis*.



a



b



c



d

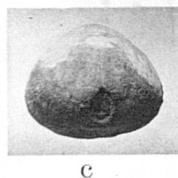
7 a-d. — *Pygorhynchus ovalis*.



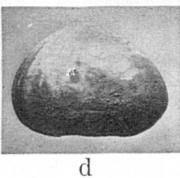
a



b

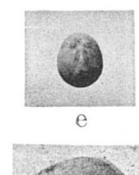


c



d

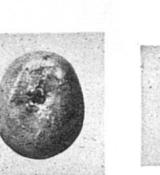
9 a-d. — *Pygorhynchus conicus*.



e



f x 2

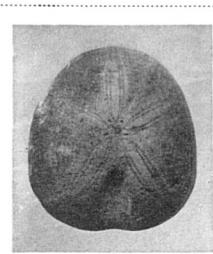


g x 2

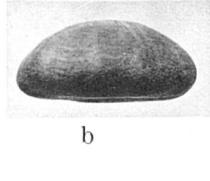


h x 2

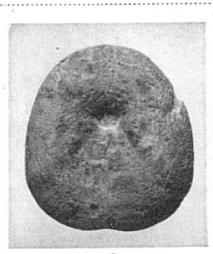
10 a-i. — *Lychnidius scrobiculatus*.



a



b

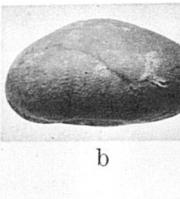


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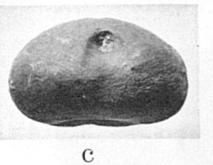
11 a-d. — *Nucleolites tornacensis*.



d



a



c



d

12 a-d. — *Clitopygus cantrainei*.

EXPLANATION OF PLATE 5.

FIG. 1. — *Nucleopygus coravium* Defrance. Figured specimen Musée d'Histoire naturelle, Brussels.

- a) Upper surface of a specimen from the Maestrichtian at Fox-les-Caves.
- b) Same, side view.
- c) Same, upper surface, $\times 2$.
- d) Same, ventral surface, $\times 2$.
- e) Same, side view, $\times 2$.
- f) Same, posterior view, $\times 2$.

FIG. 2. — *Phyllobrissus oblongus* n. sp. Holotype Musée d'Histoire naturelle, Brussels.

- a) Upper surface of the holotype from the Maestrichtian, Zwartberg puits no 1.
- b) Same, side view.
- c) Same, upper surface, $\times 2$.
- d) Same, ventral surface, $\times 2$.
- e) Same, side view, $\times 2$.
- f) Same, posterior view, $\times 2$.

FIG. 3. — *Catopygus laevis?* Defrance. Side view of a specimen from the Maestrichtian at Fox-les-Caves. Figured specimen Musée d'Histoire naturelle, Brussels.

FIG. 4. — *Catopygus fenestratus* Agassiz. Figured specimens Musée d'Histoire naturelle, Brussels.

- a) Upper surface of an average sized specimen from the Maestrichtian at St. Pierre.
- b) Same, side view.
- c) Same, posterior view.
- d) Same, ventral surface.
- e) Upper surface of the small type, same horizon and locality.
- f) Same, side view.
- g) Same, ventral surface.

FIG. 5. — *Catopygus conformis* Desor. Figured specimen Musée d'Histoire naturelle, Brussels.

- a) Upper surface of a specimen from the Maestrichtian at St. Pierre.
- b) Same, side view.
- c) Same, posterior view.
- d) Same, ventral surface.

FIG. 6. — *Catopygus subcircularis* n. sp. Holotype Musée d'Histoire naturelle, Brussels (I. G. 9457).

- a) Upper surface of the holotype from the Maestrichtian at Eben-Emael (Canal Albert).
- b) Same, ventral surface.
- c) Same, posterior view.
- d) Same, side view.

FIG. 7. — *Catopygus irregularis* n. sp. Holotype and figured specimens (paratypes) Musée d'Histoire naturelle, Brussels.

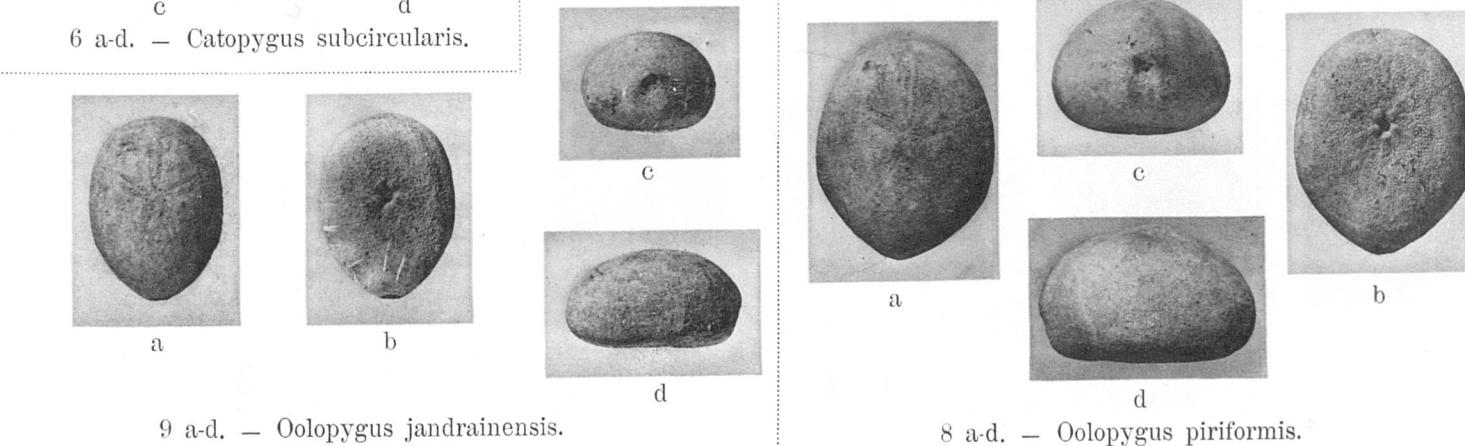
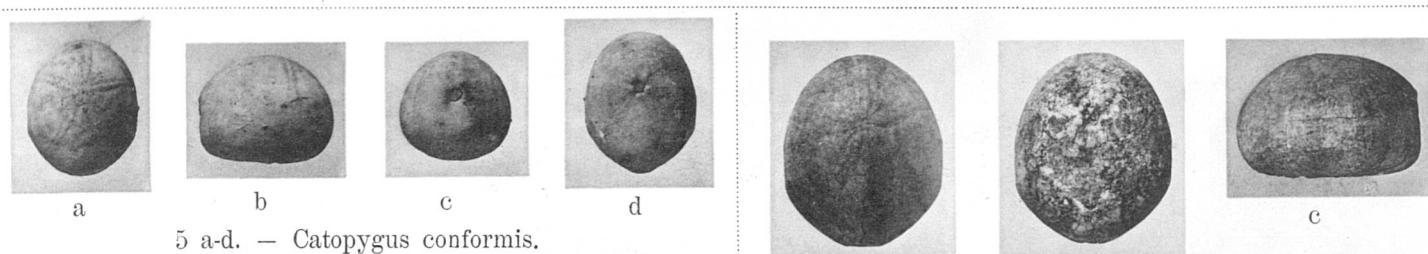
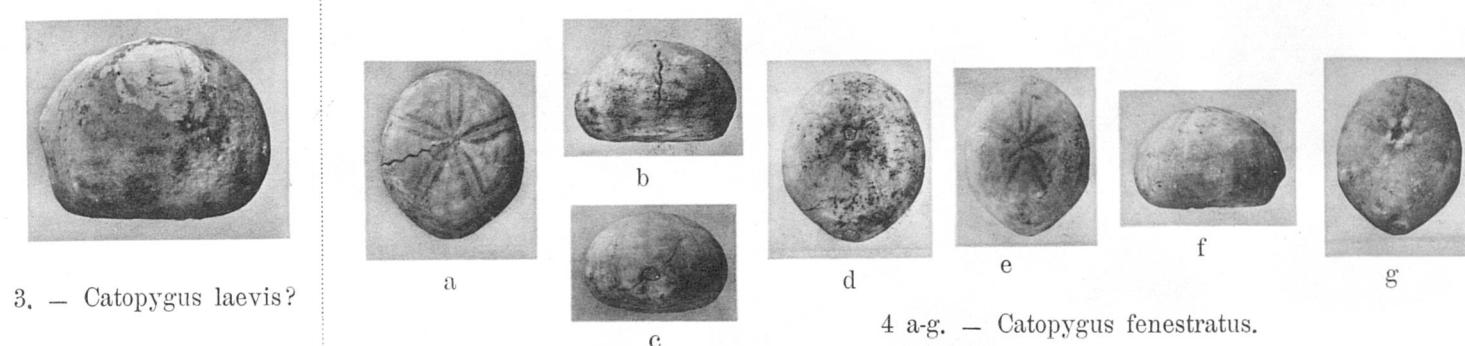
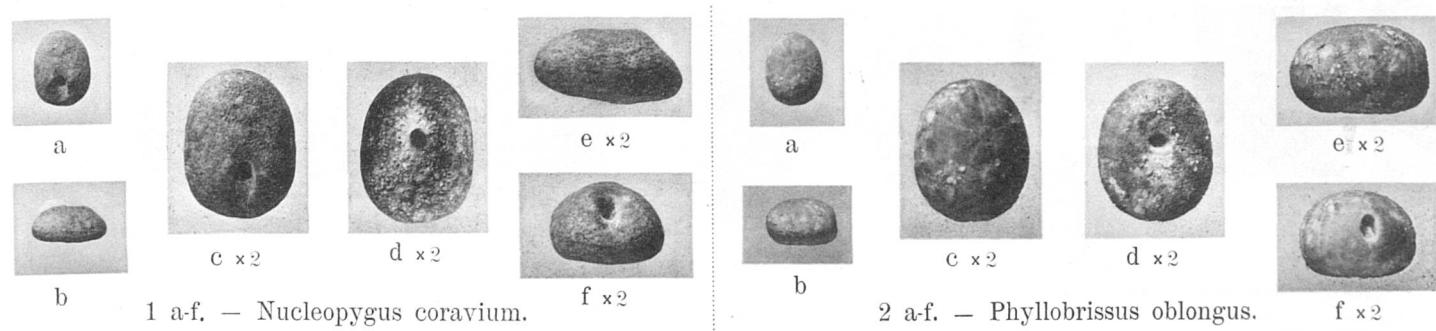
- a) Upper surface of the holotype from the Maestrichtian at St. Pierre.
- b) Same, ventral surface.
- c) Same, side view.
- d) Same, posterior view.
- e) Upper surface of a medium sized specimen, same horizon and locality.
- f) Same, ventral surface.
- g) Same, side view.
- h) Upper surface of a younger form from the same horizon and locality.
- i) Same, ventral surface.

FIG. 8. — *Oolopygus piriformis* Leske. Figured specimen Musée d'Histoire naturelle, Brussels.

- a) Upper surface of a specimen from the Maestrichtian at St. Pierre.
- b) Same, ventral surface.
- c) Same, posterior view.
- d) Same, side view

FIG. 9. — *Oolopygus jandrainensis* n. sp. Holotype Musée d'Histoire naturelle, Brussels.

- a) Upper surface of the holotype from the Maestrichtian at Jandrain.
- b) Same, ventral surface.
- c) Same, posterior view.
- d) Same, side view.



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EXPLANATION OF PLATE 6.

FIG. 1. — *Oolopygus convexus* n. sp. Holotype Musée d'Histoire naturelle, Brussels.

- a) Upper surface of the holotype from the Maestrichtian at St. Pierre.
- b) Same, side view.
- c) Same, posterior view (note low periproct).
- d) Same, ventral surface.

FIG. 2. — *Procassidulus lapiscancri* Lamarck. Figured specimens Musée d'Histoire naturelle, Brussels.

- a) Upper surface of a specimen from the Maestrichtian at Voort Charb. Zolder puits n° 2.
- b) Same, posterior view.
- c) Same, side view.
- d) Same, ventral surface.
- e) Upper surface of a smaller specimen from the same horizon at Vroenhoven (tranchée Canal Albert) showing more detail of the ambulacra.

FIG. 3. — *Procassidulus gliberti* n. sp. Holotype Musée d'Histoire naturelle, Brussels (I. G. 6544).

- a) Upper surface of the holotype from the Calcaire grossier de Mons (Montian) at Mons (puits Coppée).
- b) Same, side view.
- c) Same, posterior view.
- d) Same, ventral surface.

FIG. 4. — *Procassidulus chalmasi* Lambert. Figured specimens Musée d'Histoire naturelle, Brussels. Holotype refigured here same place (I. G. 5496).

- a) Upper surface of a specimen from the Tuffeau de Ciply (Montian) at Mesvin Belian.
- b) Same, posterior view.
- c) Same, side view.
- d) Same, ventral surface.
- e) Upper surface of a larger fragmentary specimen which shows more detail of the ambulacra and apex. Same horizon and locality.
- f) Upper surface of the holotype of the species described and figured by Cotteau first as *Cassidulus elongatus*.

FIG. 5. — *Rhynchopygus marmini* Desmoulin. Figured specimen Musée d'Histoire naturelle, Brussels.

- a) Upper surface of the holotype from the Maestrichtian at St. Pierre.
- b) Same, side view.
- c) Same, posterior view
- d) Same, ventral surface.

FIG. 6. — *Rhynchopygus macari* n. sp. Holotype Musée d'Histoire naturelle, Brussels (I. G. 8696).

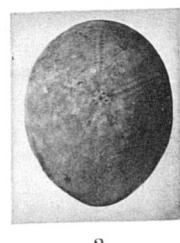
- a) Upper surface of the holotype from the Maestrichtian, Voort Charb. Zolder puits n° 1 (384 m.).
- b) Same, ventral surface.
- c) Same, posterior view.
- d) Same, side view.
- e) Upper surface of a smaller specimen from the Maestrichtian at St. Pierre.

FIG. 7. — *Echinanthus corneti* Cotteau. Figured specimens Musée d'Histoire naturelle, Brussels (a-d, I. G. 6544).

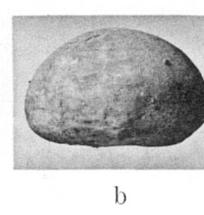
- a) Upper surface of the plesiotype from the Calcaire grossier de Mons (Montian) at Mons (puits Coppée).
- b) Same, ventral surface.
- c) Same, side view.
- d) Same, posterior view.
- e) Lower surface of another larger specimen of the wide type from the Calcaire grossier de Mons (Montian) at Eysden, puits n° 2.
- f) Upper surface of the holotype on which Cotteau described the species. From the Calcaire grossier de Mons (Montian) at Mons (puits Coppée). Musée d'Histoire naturelle (I. G. 5496).

FIG. 8. — *Faujasia apicalis* Desor. Figured specimen Musée d'Histoire naturelle, Brussels.

- a) Upper surface of the holotype from the Maestrichtian at St. Pierre.
- b) Same, side view.
- c) Same, posterior view.
- d) Same, ventral surface.



a



b



c

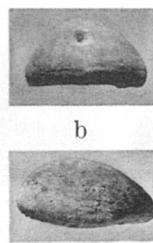


d

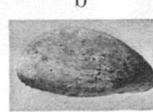
1 a-d. — *Oolopygus convexus*.



a



b



c



d

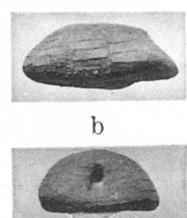


e

2 a-e. — *Procassidulus lapiscaneri*.



a



b

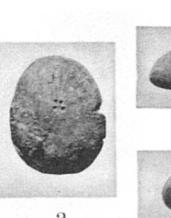


c

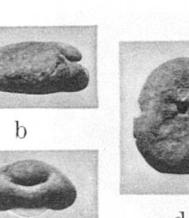


d

3 a-d. — *Procassidulus giberti*.



a



b



c



d

5 a-d. — *Rhynchopygus marmini*.



a



b



e

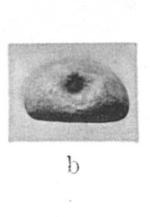


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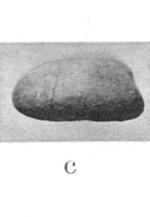
6 a-e. — *Rhynchopygus macari*.



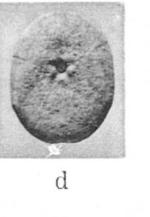
a



b



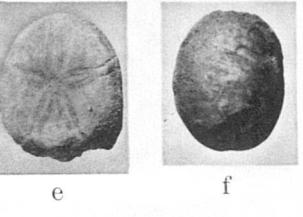
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d



e

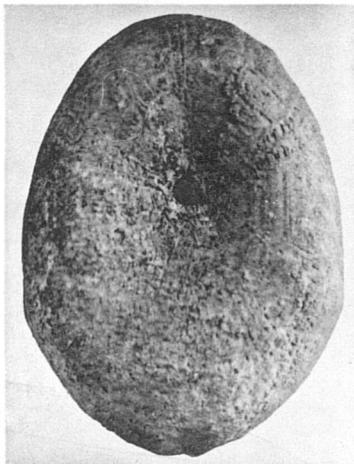


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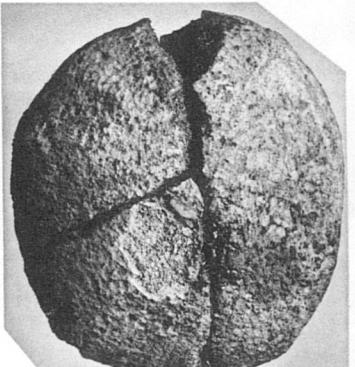
4 a-f. — *Procassidulus chalmasi*.



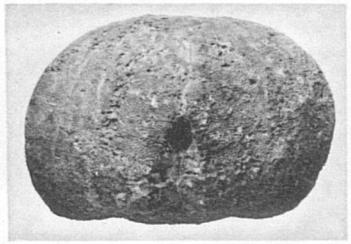
a



b

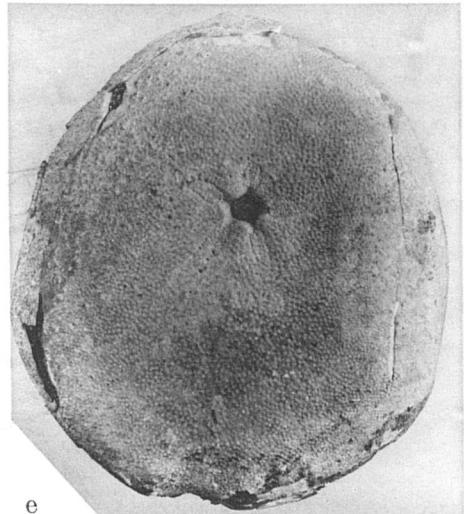


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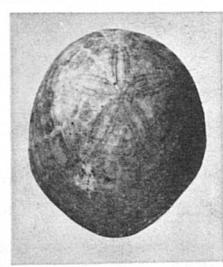


d

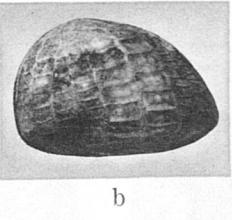
7 a-f. — *Echinanthus corneti*.



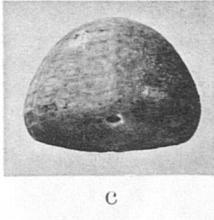
e



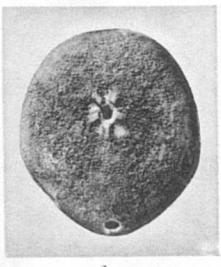
a



b



c



d

8 a-d. — *Faujasia apicialis*.

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EXPLANATION OF PLATE 7.

FIG. 1. — *Faujasia? transversus* n. sp. Holotype Musée d'Histoire naturelle, Brussels (I. G. 6521).

- a) Upper surface of the holotype from the Maestrichtian at St. Pierre.
- b) Same, $\times 2$.
- c) Same, ventral surface, $\times 2$.
- d) Same, side view, $\times 2$.
- e) Same, posterior view, $\times 2$.

FIG. 2. — *Holaster nodulosus* Goldfuss. Figured specimen Musée d'Histoire naturelle, Brussels (I. G. 5096).

- a) Upper surface of a specimen from the Tourtia de Tournai (Cenomanian) at Tournai.
- b) Same, side view.
- c) Same, posterior view.
- d) Same, ventral surface.

FIG. 3. — *Micraster leskei* Desmoulins. Upper surface of a specimen from the Fortes toises (upper Turonian) at Harchies puits n° 1. This is the only *M. leskei* out of numerous examples in the Belgian collections which is definitely from a known horizon in the upper Turonian and whose locality is certain. Figured specimen, Museum of Paleontology, École des Mines, Mons.

FIG. 4. — *Holaster* sp. Figured specimens Museum of Paleontology, École des Mines, Mons.

- a) Fragment of the upper surface of the test in the region of the apex on a specimen from the Albian (middle ?) at Harchies puits n° 1 (200^m80).
- b) Another fragment of ambulacra and interambulacra from the side of the test. Same horizon and locality.
- c) Same, impression viewed as from inside the test.
- d) A mold of a portion of the anterior of an individual probably representing the same species. Same locality at a depth of 190-200 m.

FIG. 5. — *Cardiotaxis ananchytes* Leske. Figured specimens Musée d'Histoire naturelle, Brussels (specimens in figs. a-d, I. G. 6521, e-f, I. G. 9340).

- a) Upper surface of a specimen from the Maestrichtian (middle) at St. Pierre.
- b) Same, side view.
- c) Ventral surface of another specimen from the same horizon and locality.
- d) Same, side view.
- e) Upper surface of a large form which is the more common type for the Senonian and lower Maestrichtian. From the Maestrichtian at Ciply.
- f) Same, side view.

FIG. 6. — *Epiaster crassissimus* Defrance. Figured specimen Musée d'Histoire naturelle, Brussels.

- a) Upper surface of a young form from the Tourtia de Tournai (Cenomanian) at Tournai.
- b) Same, side view.
- c) Same, posterior view.
- d) Same, ventral surface.

FIG. 7. — *Isopneustes eysdenensis* n. sp. Holotype Musée d'Histoire naturelle, Brussels (I. G. 8591).

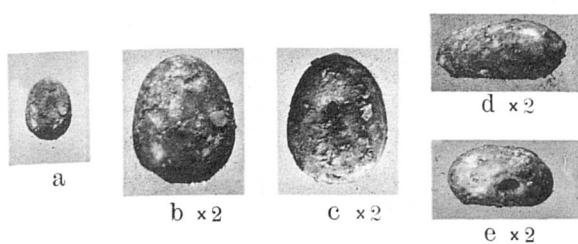
- a) Upper surface of the holotype from the Calcaire grossier de Mons (Montian) at Eysden (Charb. puits n° 2, 234-235 m.).
- b) Same, ventral surface.
- c) Same, side view.
- d) Same, posterior view.
- e) Upper surface of a young form, same horizon and locality.
- f) Same, posterior view.
- g) Same, ventral surface.

FIG. 8. — *Isopneustes montensis* n. sp. Holotype Musée d'Histoire naturelle, Brussels (I. G. 8591).

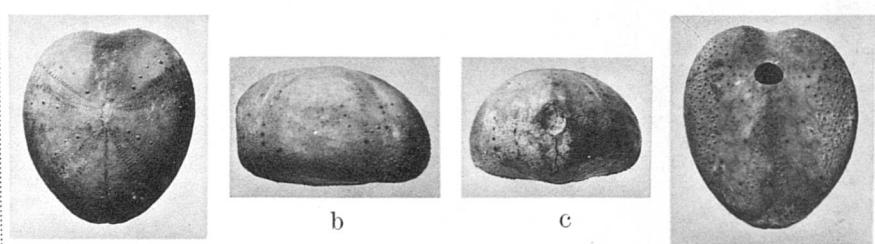
- a) Upper surface of the holotype from the Calcaire grossier de Mons (Montian) at Eysden (Charb. puits no 2, 234-235 m.).
- b) Same, side view.
- c) Same, posterior view.
- d) Same, ventral surface.

FIG. 9. — *Hemimaster (Bolbaster) prunella* Lamarck. Figured specimen Musée d'Histoire naturelle, Brussels.

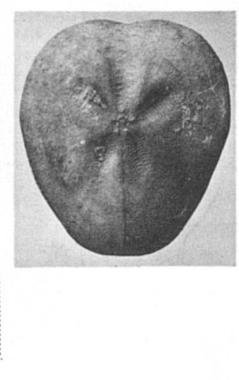
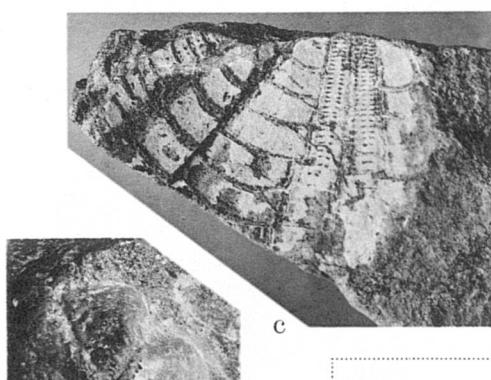
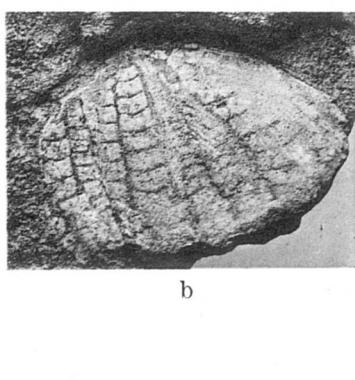
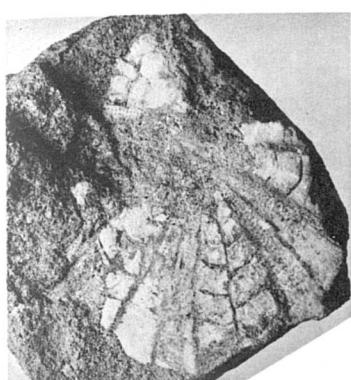
- a) Upper surface of a specimen from the Maestrichtian at St. Pierre.
- b) Same, posterior view.
- c) Same, side view.
- d) Same, ventral surface.



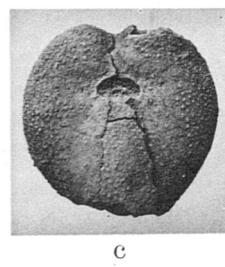
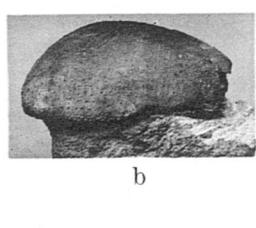
1 a-e. — *Faujasia* (?) *transversa*.



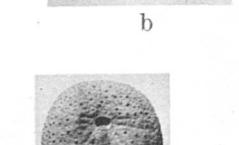
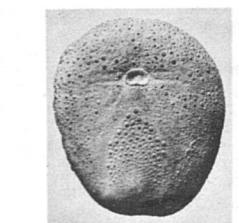
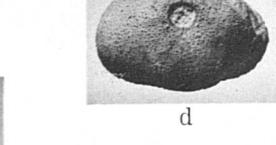
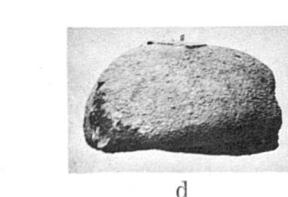
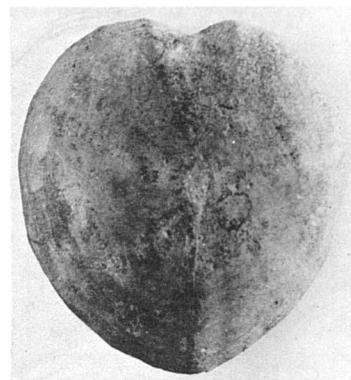
2 a-d. — *Holaster nodulosus*. d



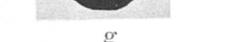
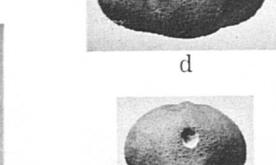
4 a-d. — *Holaster* sp.



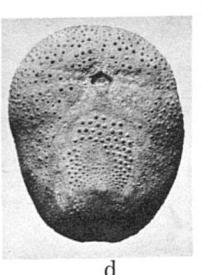
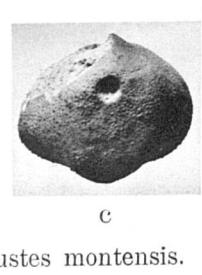
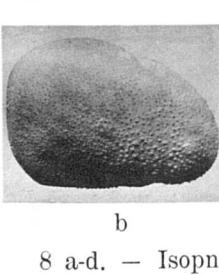
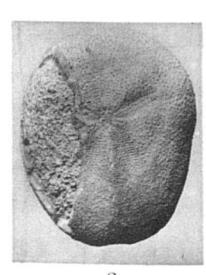
6 a-d. — *Epiaster crassissimus*.



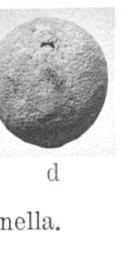
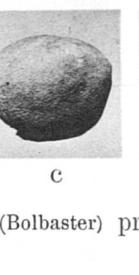
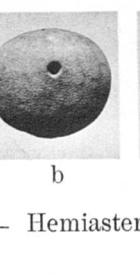
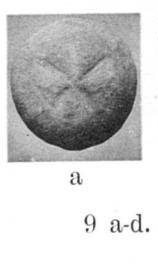
5 a-f. — *Cardiotaxis ananchytes*.



7 a-g. — *Isopneustes eysdenensis*.



8 a-d. — *Isopneustes montensis*.



9 a-d. — *Hemiaster* (*Bolbaster*) *prunella*.

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EXPLANATION OF PLATE 8.

FIG. 1. — *Spatagoides striatoradiatus* Leske. Figured specimens Musée d'Histoire naturelle, Brussels.

- a) Upper surface of the normal type as described here. From the Maestrichtian at St. Pierre.
- b) Same, ventral surface.
- c) Same, posterior view.
- d) Same, side view.
- e) Variety *elevatus* from a side view. Same horizon and locality.
- f) Same, a larger more pronounced type from the same horizon and locality.
- g) Variety *conicus* from a side view. Same horizon and locality.
- h) Variety *depressus* from a side view. Same horizon and locality.

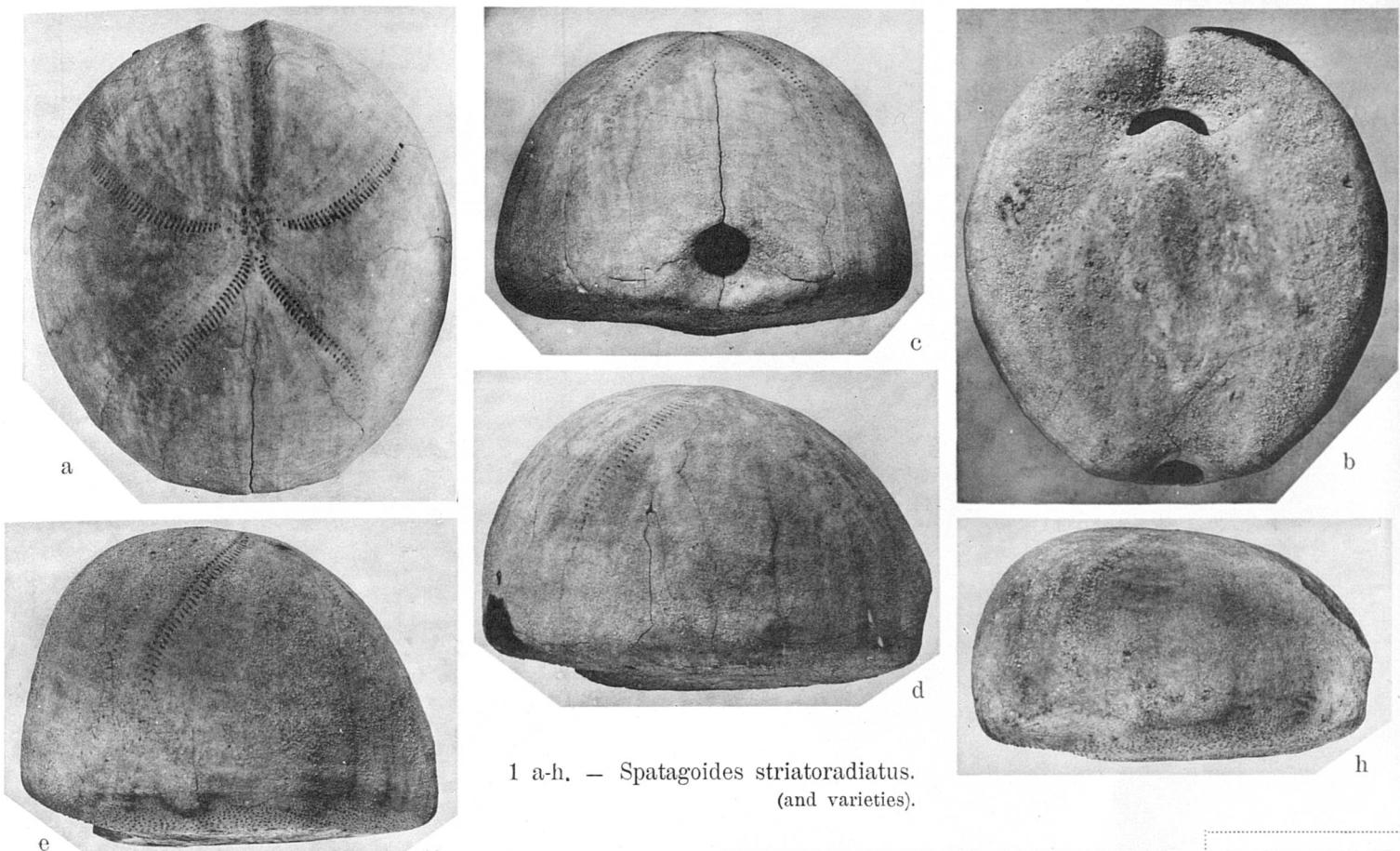
FIG. 2. — *Brissopneustes maestrichtensis* Lambert. Figured specimen Musée d'Histoire naturelle, Brussels (I. G. 6521).

- a) Upper surface of a specimen from the Maestrichtian at Maestricht.
- b) Same, ventral surface.
- c) Same, side view.
- d) Same, posterior view.

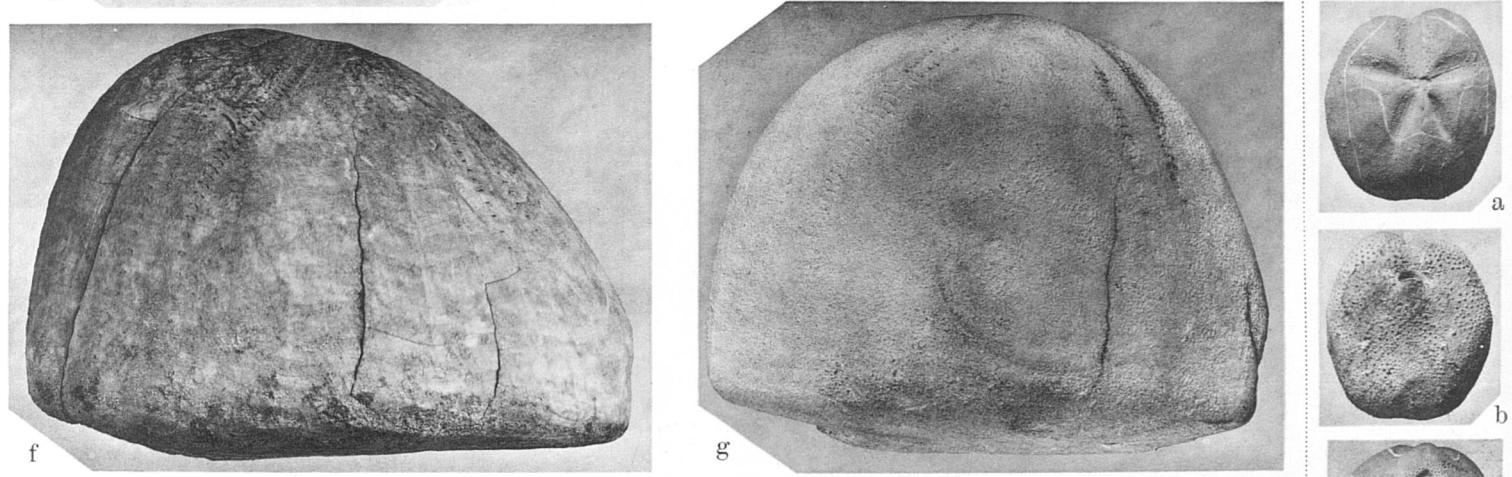
FIG. 3. — *Linthia houzeauii* Cotteau. Figured specimens Musée d'Histoire naturelle, Brussels (Holotype refigured here I. G. 6544).

(Note : Fascioles have been marked before photographing.)

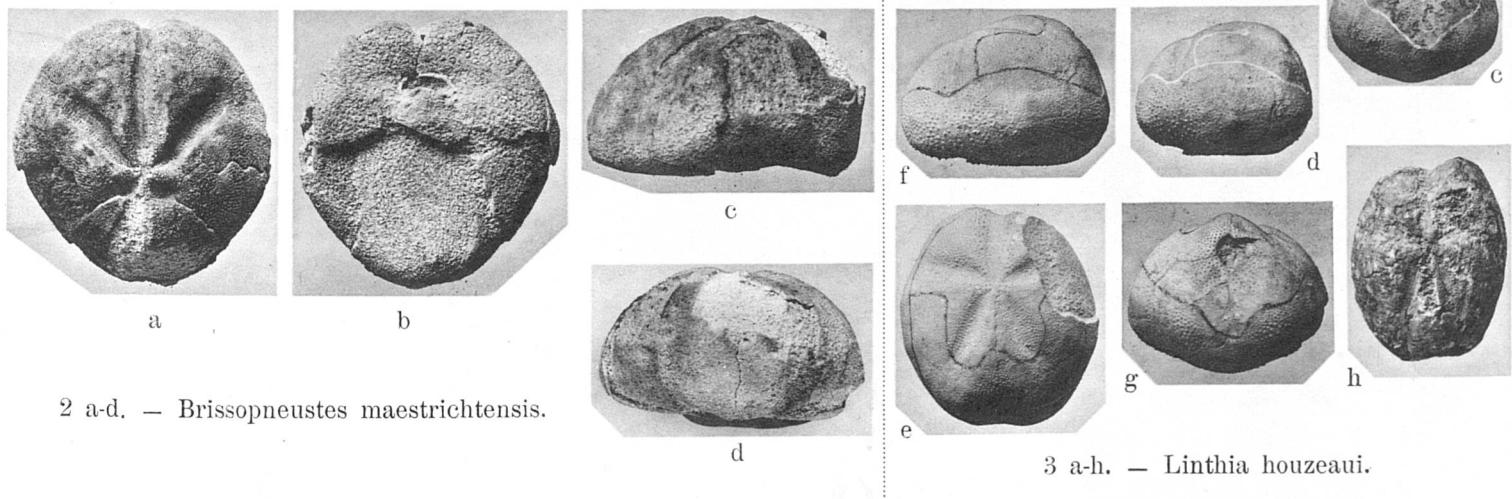
- a) Upper surface of a medium sized specimen from the Calcaire grossier de Mons (Montian) at Eysden (puits n° 2).
- b) Same, ventral surface.
- c) Same, posterior view.
- d) Same, side view.
- e) Upper surface of another larger specimen, same horizon and locality.
- f) Same, side view.
- g) Same, posterior view.
- h) Upper surface of the holotype, described and figured by Cotteau.



1 a-h. — *Spatagoides striatoradiatus*.
(and varieties).



2 a-d. — *Brissopneustes maestrichtensis*.



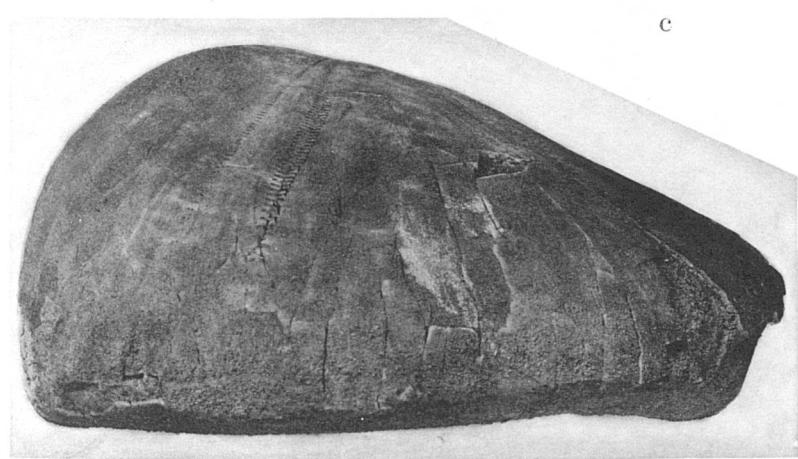
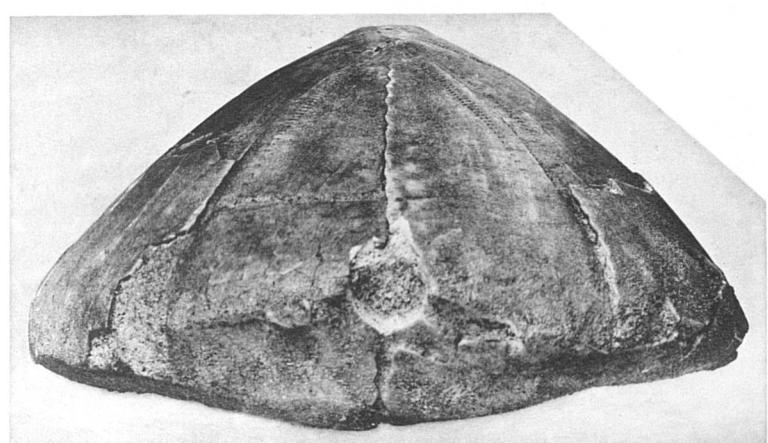
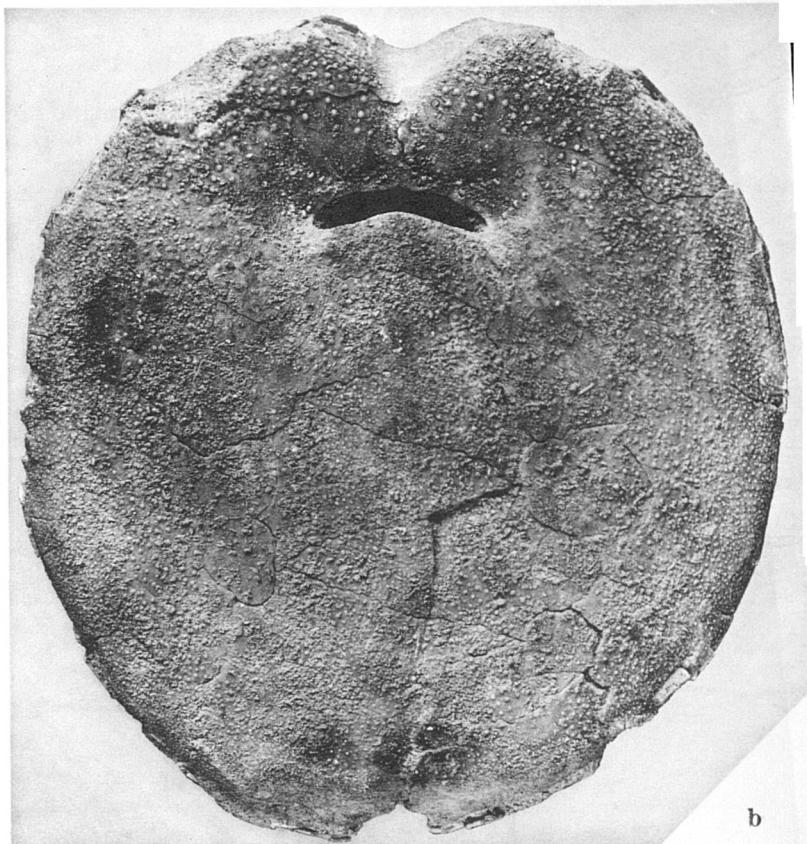
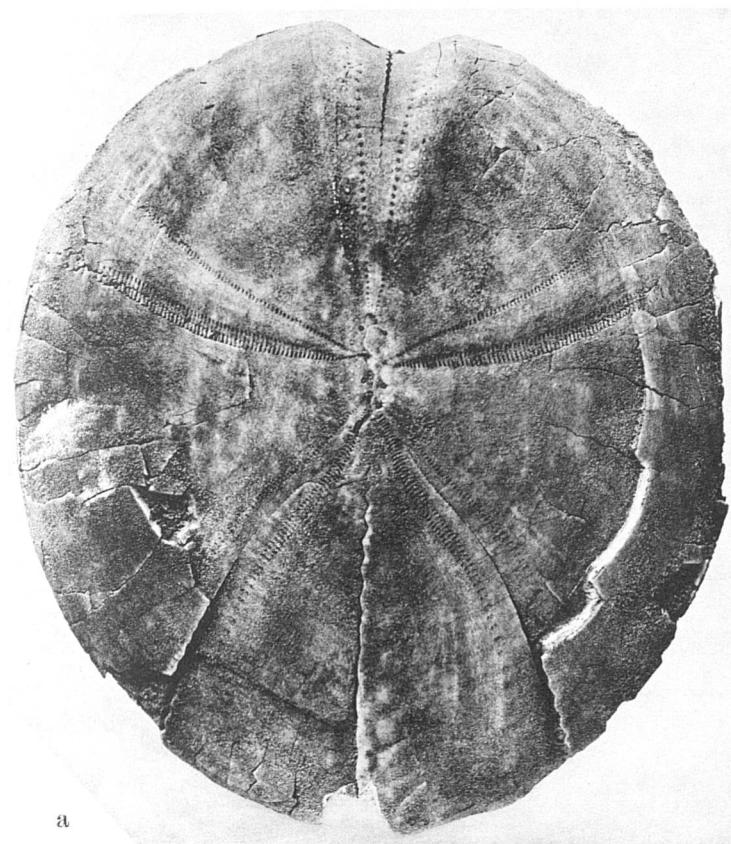
3 a-h. — *Linthia houzeau*.

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EXPLANATION OF PLATE 9.

FIG. 1. — *Toxopatagus rutoti* Lambert. Holotype (refigured here) and figured specimen Musée d'Histoire naturelle, Brussels (n°s 23670 and I. G. 6521 respectively).

- a) Upper surface of a specimen from the Maestrichtian at Canne.
- b) Same, ventral surface.
- c) Same, posterior view.
- d) Same, side view.
- e) Upper surface of the very imperfect mold (in silica) which is the holotype of the species.



1 a-e. — *Toxopatagus rutoti*.

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