

PLANCHE I

EXPLICATION DE LA PLANCHE I.

- FIG. 1. — *Lymnæa (Radix) natalensis* (KRAUSS, 1848).
Albertville, plage C.F.L., $\times 3/2$.
- FIG. 2. — *Bulinus (Bulinus) angolensis* (MORELET, 1866).
Albertville, récolte n° 19 de M. METSDAGH, $\times 3/2$.
- FIG. 3. — *Bulinus (Physopsis) africana* (KRAUSS, 1848).
Albertville, récolte n° 32 de M. METSDAGH, $\times 3/2$.
- FIG. 4. — *Bulinus (Pyrgophysa) forskalii* (EHRENBERG, 1831).
Station 127, $\times 2$.
- FIG. 5. — *Biomphalaria alexandrina* (EHRENBERG, 1831); $\times 3/2$.
A = Forme *tanganyicensis* E. A. SMITH, 1881; A1 = stn. 244; A2 = *Planorbis sudanicus* VON MARTENS, stn. 1187 de L. STAPPERS, marigot dans la plaine Saint-Louis, Moba.
B = Forme *pfeifferi* KRAUSS, 1848, stn. 144.
- FIG. 6. — *Planorbis (Gyraulus) apertus* VON MARTENS, 1897.
Station 260, $\times 6$.
- FIG. 7. — *Planorbis (Gyraulus) chevalieri* (GERMAIN, 1904).
Exemplaire du M.N.H.N.P., type de la Mission FOA, $\times 6$.
- FIG. 8. — *Planorbis (Gyraulus) coretus* DE BLAINVILLE, 1828.
Albertville, plage au Sud du pier, $\times 6$.
- FIG. 9. — *Planorbis (Gyraulus) costulatus* KRAUSS, 1848.
Station 186, $\times 6$.
- FIG. 10. — *Planorbis (Gyraulus) lamyi* GERMAIN, 1905.
Exemplaire du M.N.H.N.P., type de la Mission FOA, $\times 6$.
- FIG. 11. — *Segmentina kanisaensis* PRESTON, 1914.
Albertville, récolte n° 33 de M. METSDAGH, $\times 6$.
- FIG. 12. — *Segmentina planodiscus* MELVILL et PONSONBY, 1897.
Station 195, $\times 6$.
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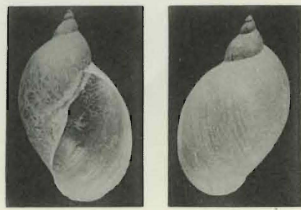


Fig. 1. - *Lymnaea (Radix) natalensis* (KRAUSS, 1848).

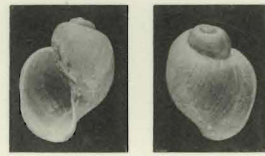


Fig. 2. - *Bulinus (Bulinus) angolensis* (MORELET, 1866).

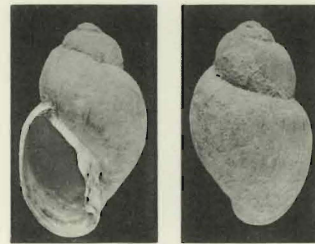


Fig. 3. - *Bulinus (Physopsis) africana* (KRAUSS, 1848).

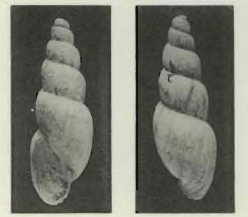


Fig. 4. - *Bulinus (Pyrgophysa) forskalii* (EHRENBERG, 1831).

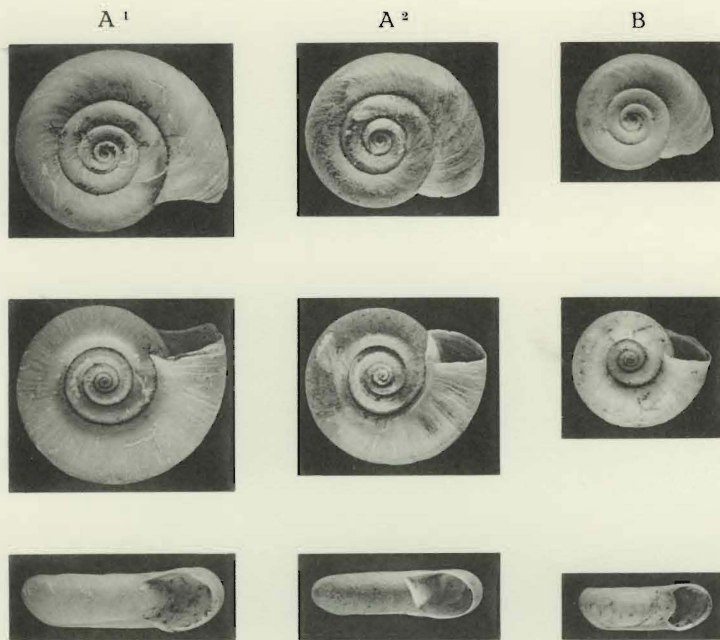


Fig. 5. - *Biomphalaria alexandrina* (EHRENBERG, 1831).

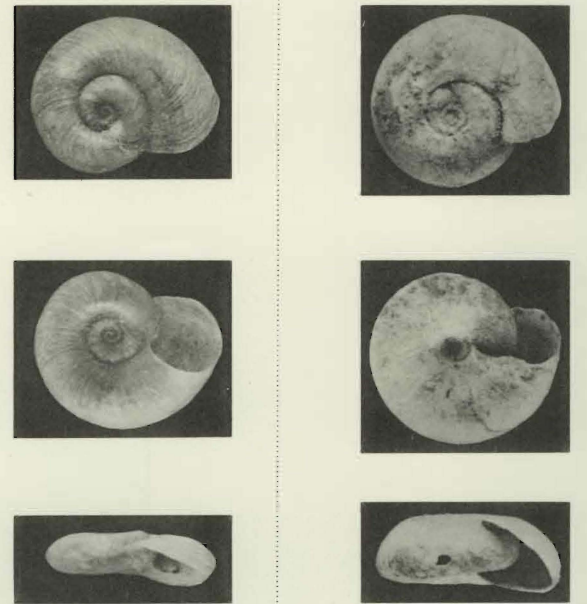


Fig. 6. - *Planorbis (Gyraulus) apertus* VON MARTENS, 1897.

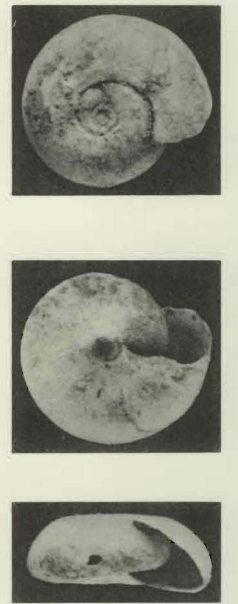


Fig. 7. - *Planorbis (Gyraulus) chevalieri* (GERMAIN, 1904).



Fig. 8. - *Planorbis (Gyraulus) coretus* DE BLAINVILLE, 1828.

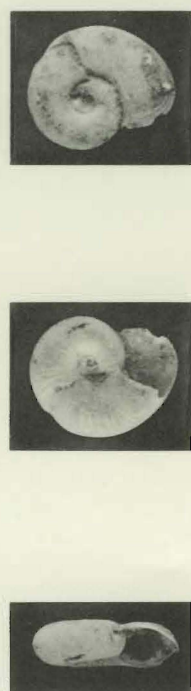


Fig. 9. - *Planorbis (Gyraulus) costulatus* KRAUSS, 1848.



Fig. 10. - *Planorbis (Gyraulus) lamyi* GERMAIN, 1905.



Fig. 11. - *Segmentina kanisaensis* PRESTON, 1914.

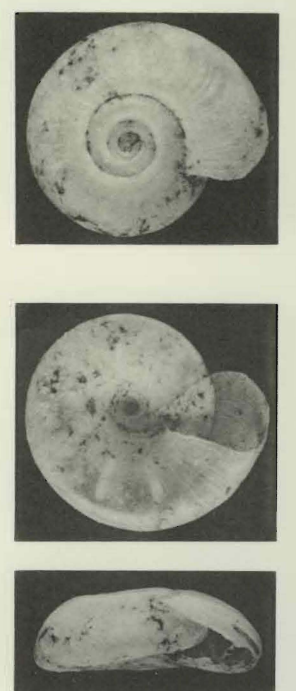


Fig. 12. - *Segmentina planodiscus* MELVILL et PONSONBY, 1897.

PLANCHE II

EXPLICATION DE LA PLANCHE II.

- FIG. 1. — *Melania* (?) *tanganyicensis* E. A. SMITH, 1880.
Spécimen type, « presented by the Geographical Society, London B.M. ». 80.12.20.55,
5990/51, ×4.
- FIG. 2. — *Cleopatra jouberti* BOURGUIGNAT, 1886.
Exemplaire figuré par J. BOURGUIGNAT, 1890, pl. IV, fig. 3.
- FIG. 3. — *Melanoides admirabilis* (E. A. SMITH, 1880).
A = stn. 147, ×1; B = stn. 144, ×1; C = stn. 89, ×3.
- FIG. 4. — *Melanoides tuberculata* (O. F. MÜLLER, 1774).
Station 152, ×3.
- FIG. 5. — *Cleopatra cyclostomoides* (KÜSTER, 1852).
Station 145, ×3.
- FIG. 6. — *Cleopatra bulimoides* (OLIVIER, 1804).
Station 145, ×3.
- FIG. 7. — *Cleopatra guillemei* BOURGUIGNAT, 1885.
Mpala, ×1.
- FIG. 8. — *Syrnolopsis lacustris* E. A. SMITH, 1880.
Station 212, ×3.
- FIG. 9. — *Syrnolopsis gracilis* PILSBRY et BEQUAERT, 1927.
Station 23, ×10.
- FIG. 10. — *Anceya* (*Burtonilla*) *terebriformis* (E. A. SMITH, 1890).
Exemplaire figuré par E. A. SMITH, 1904, fig. texte 2.
- FIG. 11. — *Anceya* (*Anceya*) *giraudi* BOURGUIGNAT, 1885; × 3.
De gauche à droite, 2 spécimens : A et B.
A = stn. 2064 de L. STAPPERS, au large de Kituta; B = stn. 212.
- FIG. 12. — *Martelia tanganyicensis* DAUTZENBERG, 1908.
A = forme typique, stn. 152; ×10; B = forme *dautzenbergi* DUPUIS, 1924, stn. 168, ×6.
- FIG. 13. — *Ferrissia tanganyicensis* (E. A. SMITH, 1906).
Station 241, ×9.
- FIG. 14. — *Burnupia caffra* (KRAUSS, 1848).
Station 63, ×9.
- FIG. 15. — *Bathanalia howesi*, MOORE, 1898.
Cameron Bay, ×1.
- FIG. 16. — *Bathanalia straeleni* sp. nov.
Station 328, ×3.
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Fig. 1. - *Melania* (?)
tanganyicensis
E. A. SMITH, 1880.



Fig. 2. - *Cleopatra*
jouberti BOURGUIGNAT,
1886.



Fig. 3. - *Melanoides admirabilis*
(E. A. SMITH, 1880).

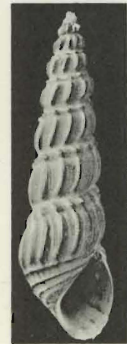


Fig. 7. - *Cleopatra guillemei*
BOURGUIGNAT, 1885.



Fig. 4. - *Melanoides tuber-*
culata (O. F. MULLER, 1774).



Fig. 5. - *Cleopatra*
cyclostomoides (KUSTER, 1852).



Fig. 6. - *Cleopatra buli-*
moides (OLIVIER, 1804).



Fig. 8. - *Syrnelopsis*
lacustris
E. A. SMITH, 1880.



Fig. 9. - *Syrnelopsis*
gracilis PILSBRY et
BEQUAERT, 1927.



Fig. 10. - *Anceya*
(*Burtonilla*) *terebrifor-*
mis (E. A. SMITH, 1890).



Fig. 11. - *Anceya (Anceya) giraudi*
BOURGUIGNAT, 1885.



Fig. 12. - *Martelia*
tanganyicensis
DAUTZENBERG, 1908.



Fig. 13. - *Ferrissia tanganyicensis*
(E. A. SMITH, 1906).



Fig. 15. - *Bathania howesi* MOORE, 1898.

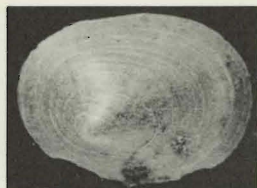


Fig. 14. - *Burnupia caffra* (KRAUSS, 1848).



Fig. 16. - *Bathania straeleni*
sp. nov.

PLANCHE III

EXPLICATION DE LA PLANCHE III.

FIG. 1. — *Pila ovata* (OLIVIER, 1804).

A = stn. 192, $\times 3/4$; B = stn. 99, $\times 3/4$; C = *Ampullaria ovata*, $\times 3/4$; D = Albertville, $\times 3/4$;
E = *A. ovata*, M.N.H.N.P., Mission FOA, $\times 1$; F = *A. gradata*, M.N.H.N.P., Mission
FOA, $\times 1$; G = *A. wernei*, Kigoma, $\times 3/4$; H = *A. bridouxi*, $\times 3/4$; I = *Pila congoensis*
amplior, Albertville, $\times 3/4$; J = *A. kordofana*, $\times 3/4$.

FIG. 2, 3. — *Viviparus* (?) *brincatianus* (BOURGUIGNAT, 1888).

FIG. 2. — Forme typique, exemplaire figuré par J. BOURGUIGNAT, 1890, pl. IV, fig. 1.

FIG. 3. — Forme *bridouxianus* (BOURGUIGNAT, 1888), exemplaire figuré par J. BOURGUIGNAT,
1890, pl. IV, fig. 2.

FIG. 4. — *Viviparus unicolor* (OLIVIER, 1804).

A = Mpala, $\times 1$; B = *Viviparus foai* M.N.H.N.P., Mission FOA, $\times 3/2$.

FIG. 5. — *Viviparus costulatus* (VON MARTENS, 1892).

Lac; = *V. jucundus* SMITH, $\times 2$.

FIG. 6. — *Potadomoides pelseneeri* sp. nov.

\ Station 145, $\times 3$.

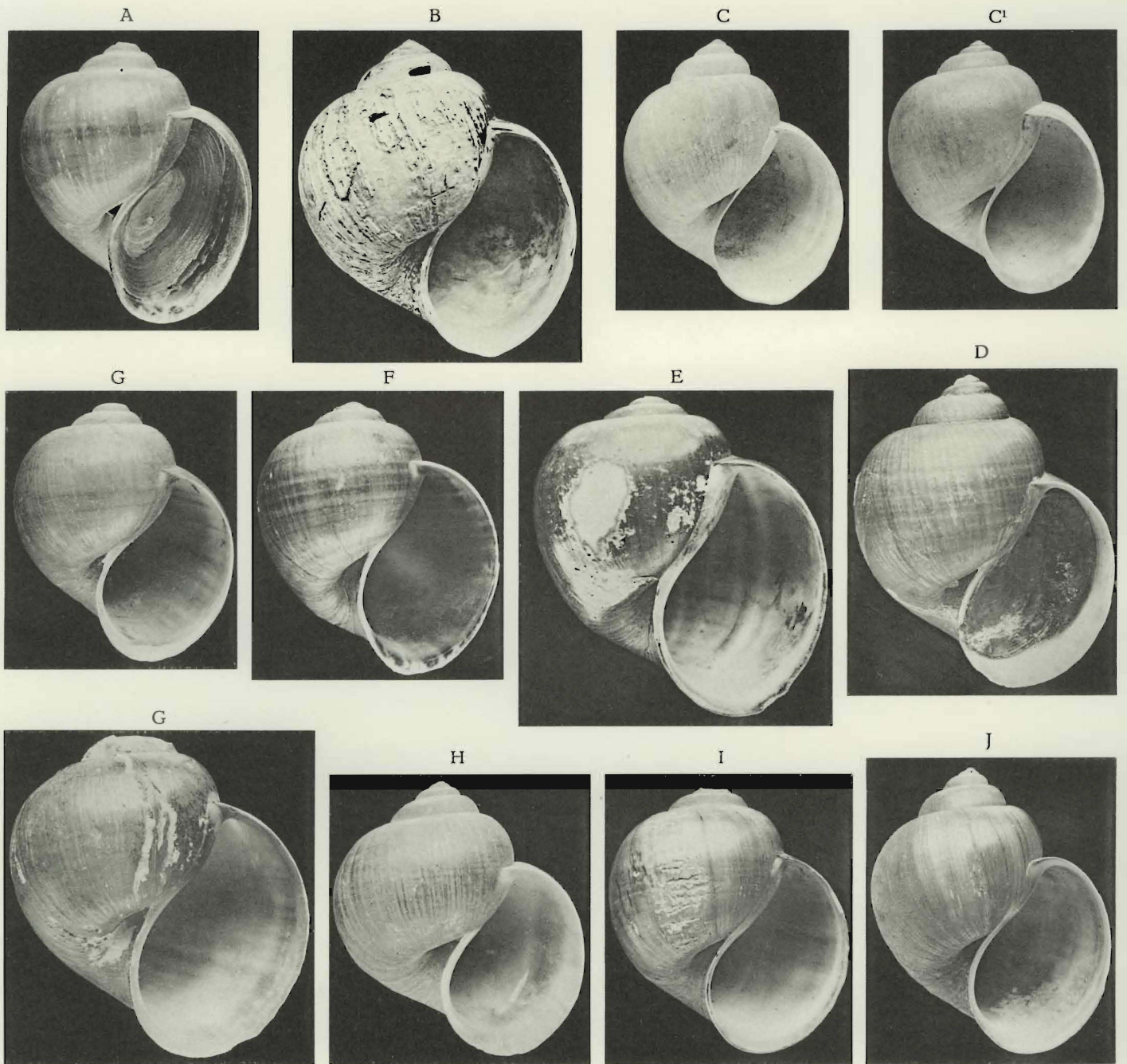


Fig. 1. - *Pila ovata* (OLIVIER, 1804).

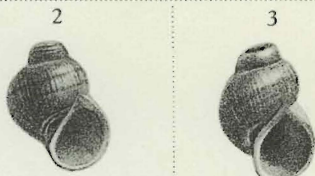


Fig. 2 - 3. - *Viviparus* (?) *brincatianus* (BOURGUIGNAT, 1888).

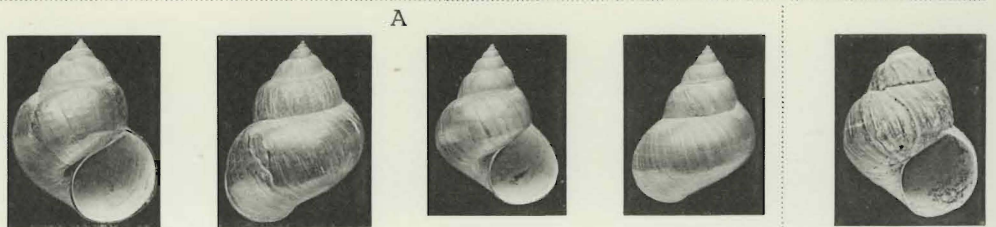


Fig. 4. - *Viviparus unicolor* (OLIVIER, 1804).

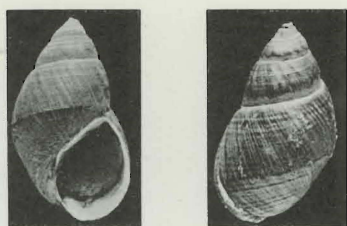


Fig. 6. - *Potadomoides pelseneri*, sp. nov.



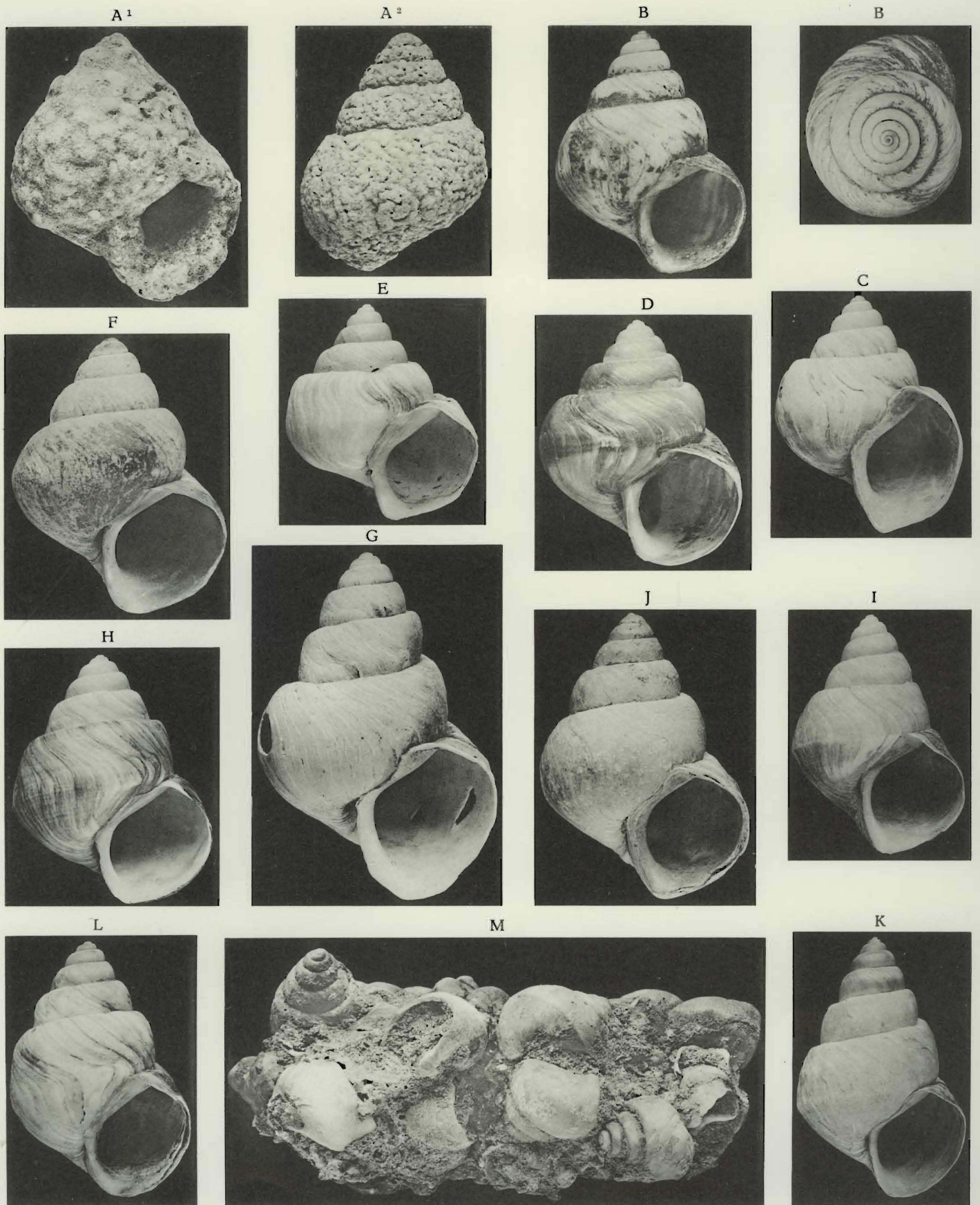
Fig. 5. - *Viviparus costulatus* (VON MARTENS, 1892).

PLANCHE IV

EXPLICATION DE LA PLANCHE IV.

Neothauma tanganyicense E. A. SMITH, 1880; × 1.

A = spécimens encroûtés; A1 = stn. 279; A2 = stn. 1952 de L. STAPPERS, large de Rumonge;
B = stn. 170; C = stn. 93; D = stn. 154; E = forme *eurymphalum* BOURGUIGNAT, 1888,
stn. 955 de L. STAPPERS, dans l'étang Gongwe, près de Toa; F = stn. 203; G = stn. 232;
H = intermédiaire entre la forme typique et la forme *bicarinatum* BOURGUIGNAT,
1885; I = var. *bridouxianum* GIRAUD, stn. 1713 de L. STAPPERS, Moliro; J = stn. 194;
K = stn. 104; L = stn. 157; M = conglomérat, Kanengela.



Neothauma tanganyicense E. A. SMITH, 1880.

PLANCHE V

EXPLICATION DE LA PLANCHE V.

FIG. 1. — *Neothauma tanganyicense* E. A. SMITH, 1880 forme *bicarinatum* BOURGUIGNAT, 1885; $\times 1$.

A = stn. 80; B = stn. 63; C = stn. 251; D = stn. 213; E = stn. 117.

FIG. 2. — *Bithynia (Parabithynia) alberti* (E. A. SMITH, 1888).

Station 145, $\times 3$.

FIG. 3. — *Mysorelloides multisulcata* (BOURGUIGNAT, 1888).

Station 74, $\times 2$.

FIG. 4. — *Potadoma ignobilis* (THIELE, 1911).

Station 506, $\times 2$.

FIG. 5. — *Tomichia (?) guillemei* sp. nov.

Station 38, $\times 15$.

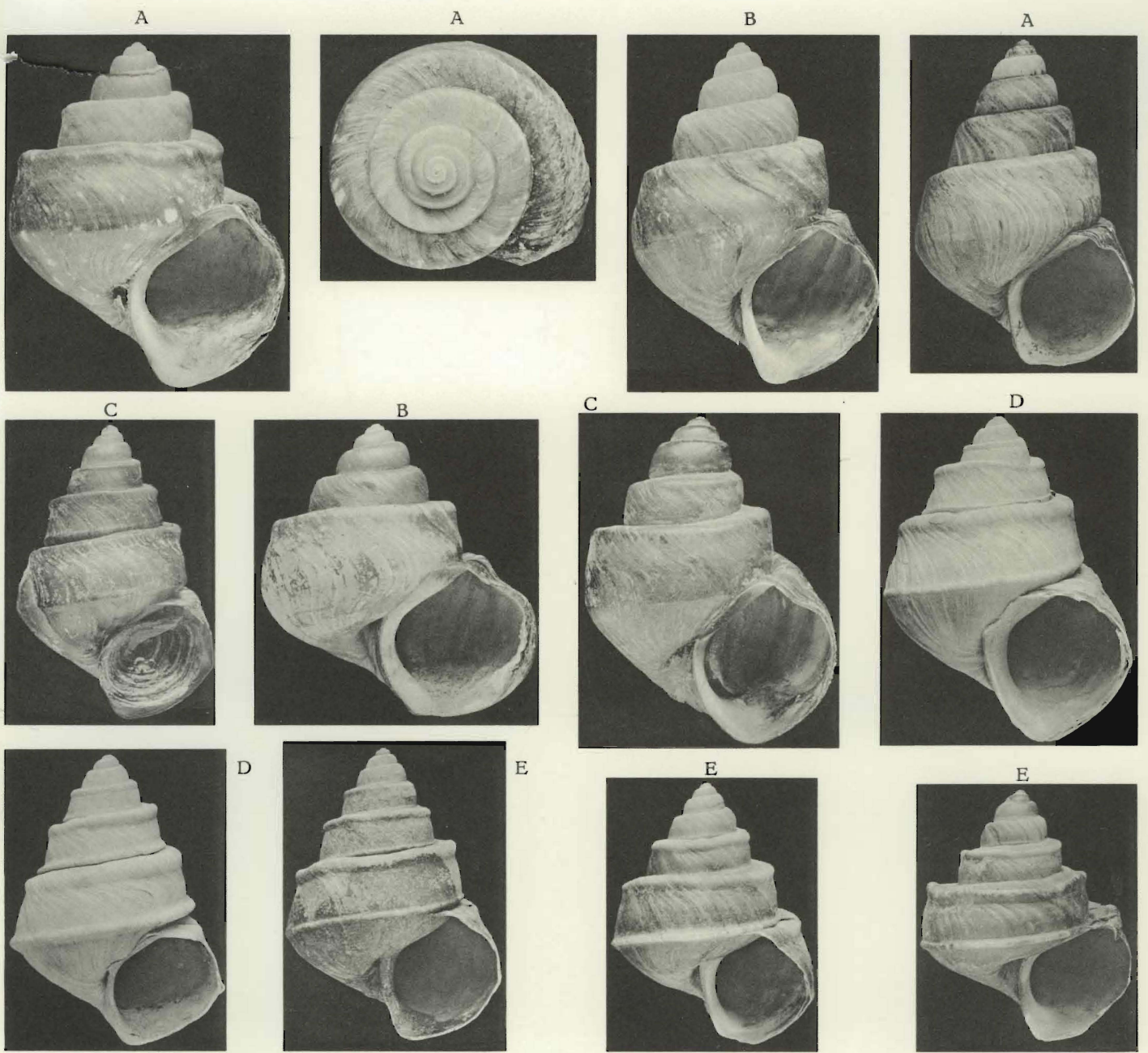


Fig. 1. - *Neothauma tangayicense* E. A. SMITH, 1880 f. *bicarinatum*, BOURGUIGNAT, 1885.

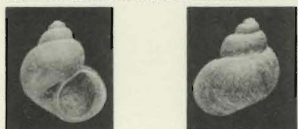


Fig. 2. - *Bithynia alberti* E. A. SMITH, 1888.

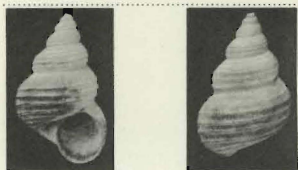


Fig. 3. - *Mysorelloides multisulcata* (BOURGUIGNAT, 1888).

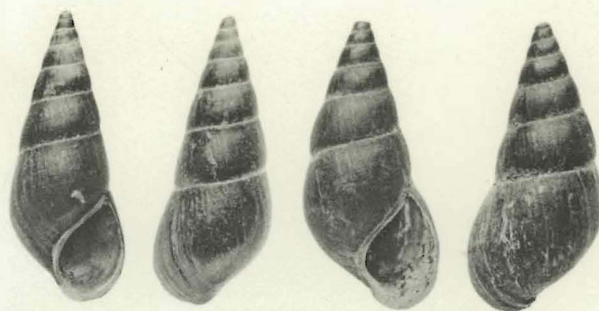


Fig. 4. - *Potadoma ignobilis* (THIELE, 1911).



Fig. 5. - *Tomachia* (?) *guillemei* sp. nov.

PLANCHE VI

EXPLICATION DE LA PLANCHE VI.

FIG. 1. — *Lanistes (Meladomus) olivaceus* (SOWERBY, 1825); $\times 1$.

A-D = forme typique : A = *L. procerus*, lac; B = *L. ovum procerus*, Kigoma; C = stn. 349;
D = Kabalo.

E-H = forme *jouberti* BOURGUIGNAT, 1885 : E = Mpala; F = *L. plicatus*, Mpala; G = *L. sinistrorsus*, lac; H = *L. ovum affinis*, décrit par P. PELSENER, 1886.

FIG. 2. — *Cleopatra trisulcata* GERMAIN, 1905.

A = forme typique, lac, $\times 2$; B = forme *foai* GERMAIN, 1905, M.N.H.N.P., Mission FOA, $\times 3/2$

FIG. 3. — *Lanistes (Leroya) farleri* GRAVEN, 1880.

Exemplaire figuré par J. BOURGUIGNAT, 1890, pl. VI, fig. 2, sous le nom de *Lanistes bourguignati* GRANDIDIER, 1887.

FIG. 4. — *Lanistes (Leroya) graueri* THIELE, 1911.

Exemplaire figuré par J. THIELE, 1911, pl. V, fig. 50.

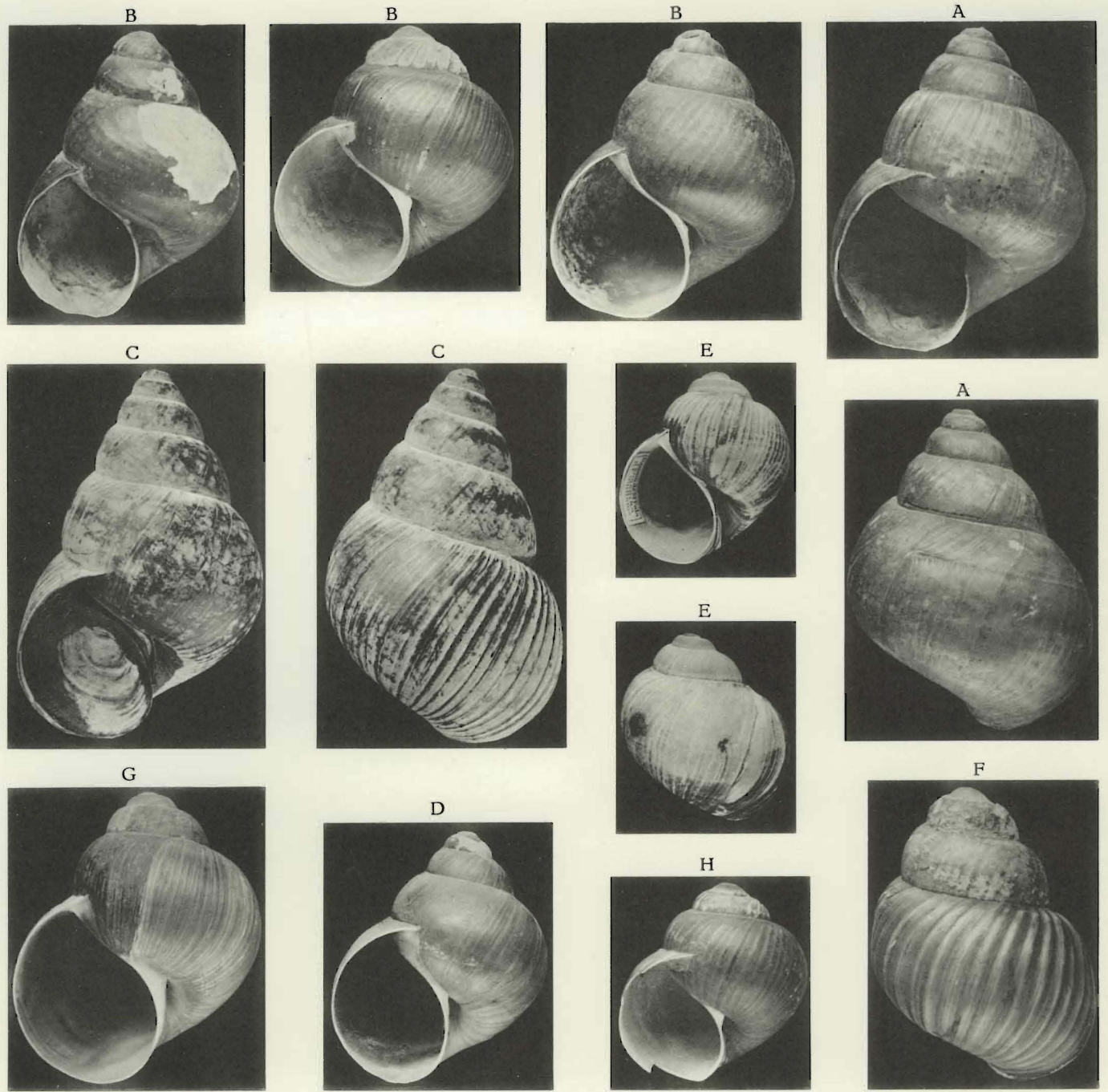


Fig. 1. - *Lanistes (Meladomus) olivaceus* (SOWERBY, 1825).

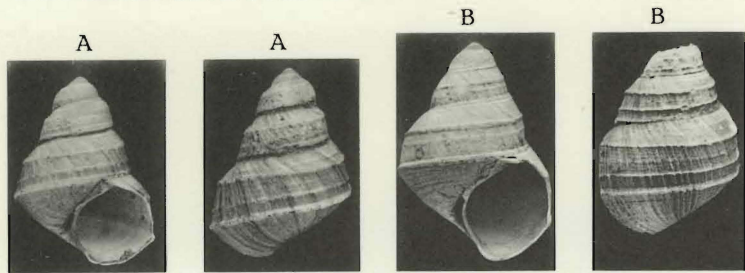


Fig. 2. - *Cleopatra trisulcata* GERMAIN, 1905.



Fig. 3. - *Lanistes (Leroya) farleri* GRAVEN, 1880.

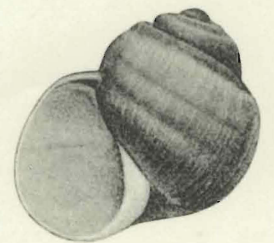


Fig. 4. - *Lanistes (Leroya) graueri* THIELE, 1911.

PLANCHE VII

EXPLICATION DE LA PLANCHE VII.

FIG. 1, 2. — *Edgaria nassa* (WOODWARD, 1859); × 1.

FIG. 1. — Forme *typica*.

A, B = lac; C = stn. 14; D = stn. 2069 de L. STAPPERS, baie de Sumbu; E = stn. 201;
F = stn. 127; G = stn. 120; H = stn. 267; I = stn. 93; J = stn. 118; K = stn. 167.

FIG. 2. — Forme *paucicostata* E. A. SMITH, 1881.

A = *Nassa egregia*; B = *N. venusta*, Kigoma; C = stn. 144; D = *N. venusta*, récolte L. STAPPERS; E = stn. 89; F = lac; G = *N. callopleuros*, stn. 1150 de L. STAPPERS, devant Kalembe; H = stn. 55; I = Mpala; J = stn. 124; K = stn. 118; L = *N. tiarella*, Ufipa; M = stn. 14; N = stn. 153; O = stn. 241.

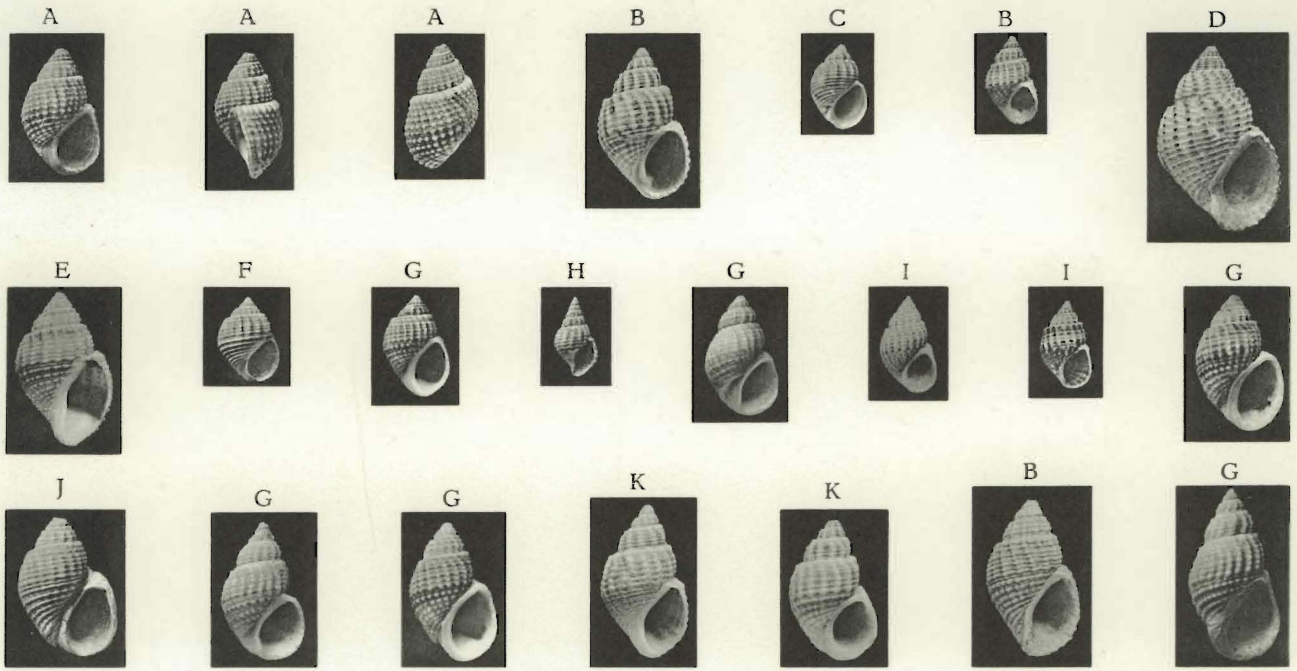


Fig. 1. - Forme typica.

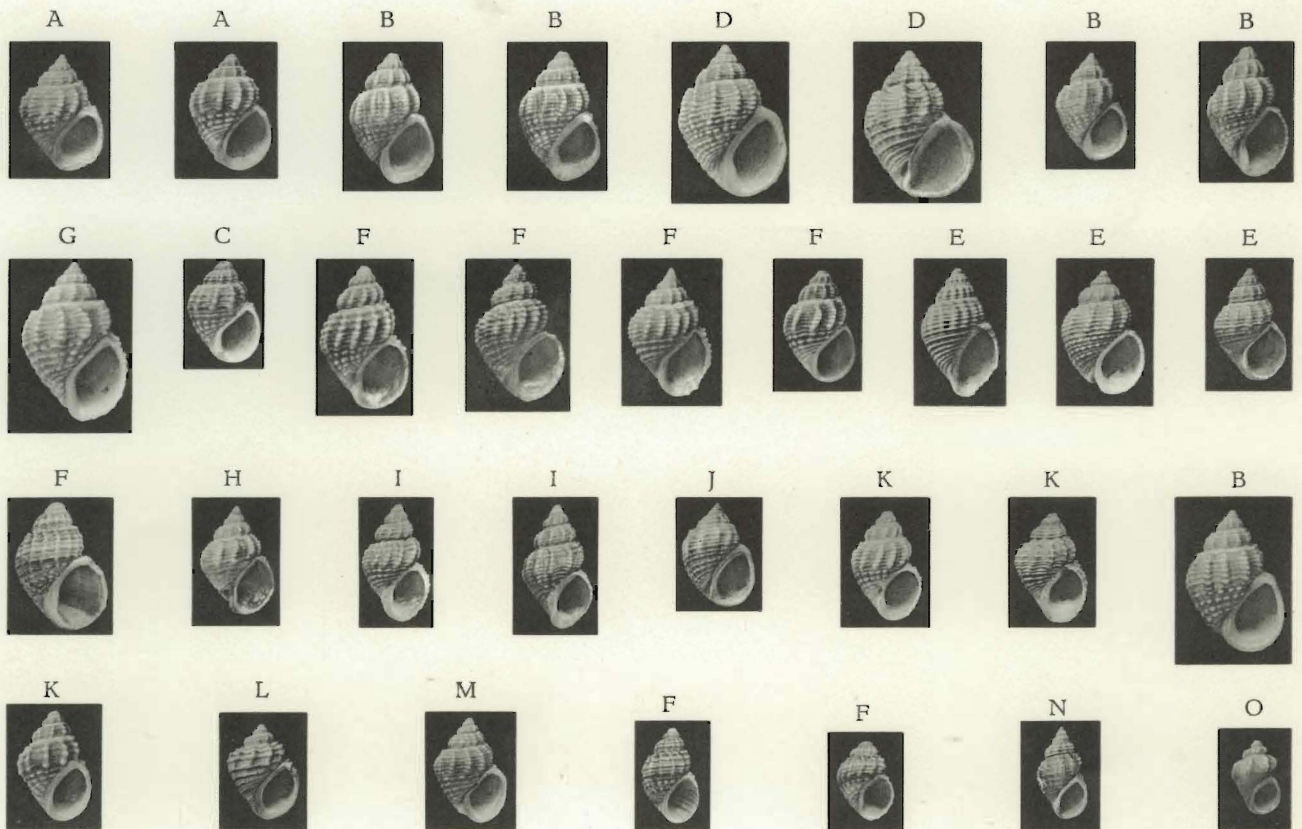


Fig. 2. - Forme paucicostata E. A. SMITH, 1881.

Edgaria nassa (WOODWARD, 1859).

PLANCHE VIII

EXPLICATION DE LA PLANCHE VIII.

FIG. 1-4. — *Edgaria nassa* (WOODWARD, 1859).

Détails de sculpture, $\times 8$.

FIG. 1. — Forme *typica*.

A = lac; B = stn. 1952 de L. STAPPERS, large de Rumonge; C = stn. 1953 de L. STAPPERS, large de Rumonge.

FIG. 2. — Forme *paucicostata* E. A. SMITH, 1881.

A = stn. 1926 de L. STAPPERS, Moliro; B = stn. 1690 de L. STAPPERS, Moliro; C = Mpala; D = stn. 27; E = *Ed. variabilis* MARTEL et DAUTZENBERG, 1899, Mpala.

FIG. 3. — Forme *spinulosa* BOURGUIGNAT, 1885.

A = stn. 122; B = stn. 55; C = stn. 2066 de L. STAPPERS, baie de Kasakalawe; D = stn. 2065 de L. STAPPERS, Sud du lac; F = stn. 2064 de L. STAPPERS, large de Kituta.

FIG. 4. — Forme *giraudi* BOURGUIGNAT, 1885.

A = stn. 213; B = stn. 220; C = stn. 118; D = stn. 164; E = stn. 91; F = Kanengela; G = stn. 119; H = Mpala I = Albertville; J = *Ed. umnxa* BOURGUIGNAT, 1888, Ufipa; K = stn. 1953 de L. STAPPERS, large de Rumonge; L = stn. 183; M = lac.

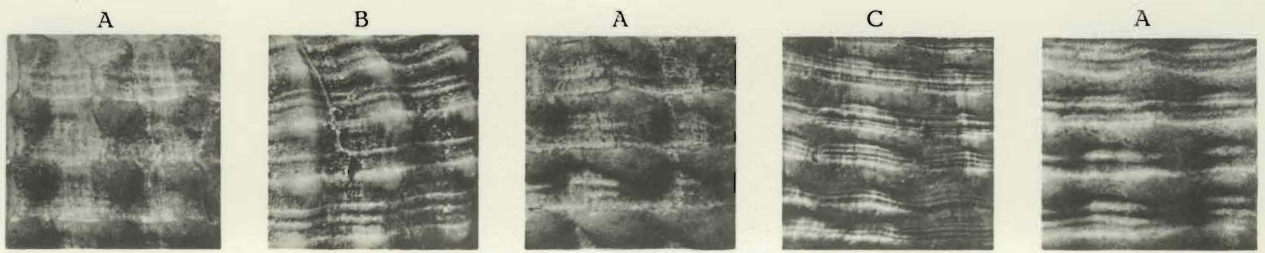


Fig. 1. - *Forme typica.*

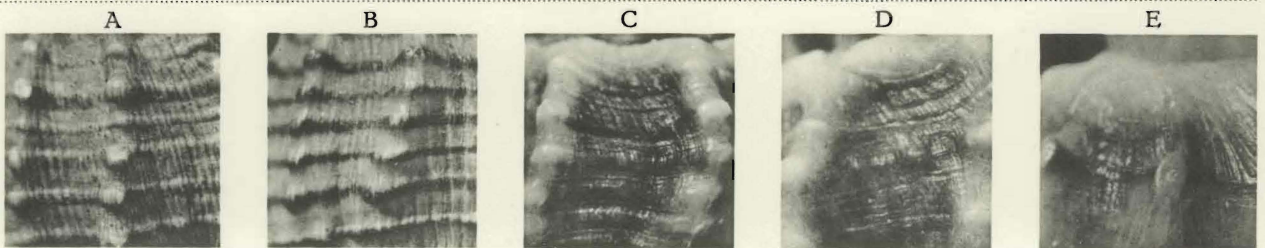


Fig. 2. - *Forme paucicostata* E. A. SMITH, 1881.

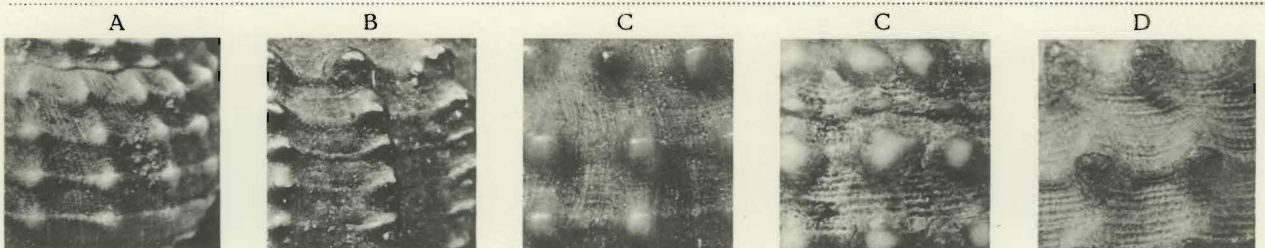


Fig. 3. - *Forme spinulosa* BOURGUIGNAT, 1885.

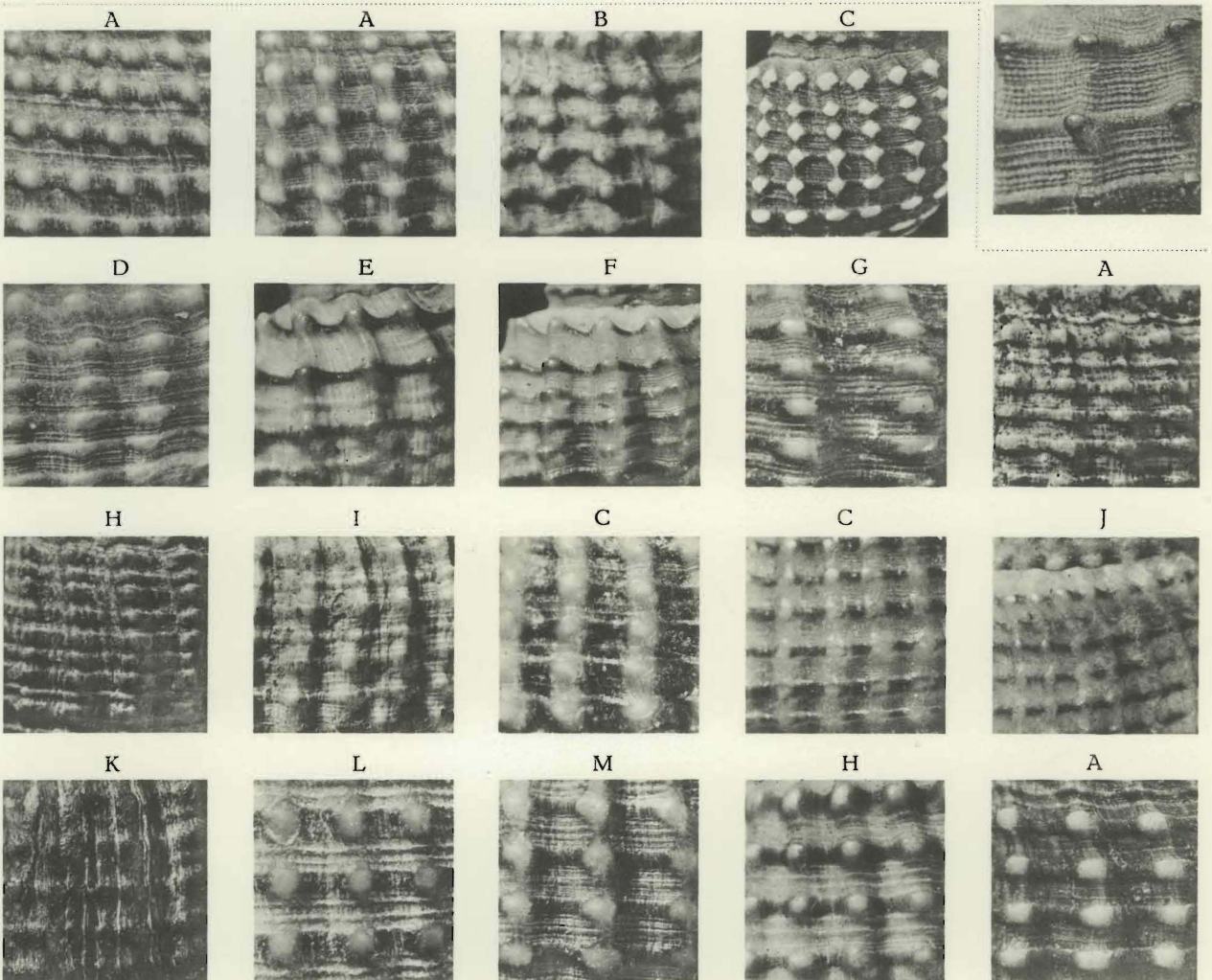


Fig. 4. - *Forme giraudi* BOURGUIGNAT, 1885.

Edgaria nassa (WOODWARD, 1859).

PLANCHE IX

EXPLICATION DE LA PLANCHE IX.

FIG. 1, 2. — *Edgaria nassa* (WOODWARD, 1859); $\times 1$.

FIG. 1. — Forme *grandis* E. A. SMITH, 1881.

A = stn. 209; B = stn. 144; C = stn. 108. — D-G = forme *diademata* BOURGUIGNAT, 1888 :
D = stn. 297; E = *L. grandis* = *L. coronata* BOURGUIGNAT = *L. tabulata* SOWERBY;
F = *L. coronata*, Mpala; G = stn. 304.

FIG. 2. — Forme *typica*.

A = var. *dautzenbergi* GERMAIN, 1905, Mpala; B = stn. 187; C = stn. 27; D = stn. 93; E = var.
singularis BOURGUIGNAT, 1888; E1 = coll. R. P. FOURNIER; E2 = Mpala; F = Mpala;
G = stn. 220; H = lac.

FIG. 3. — *Stormsia minima* (E. A. SMITH, 1880).

Station 27, $\times 10$.

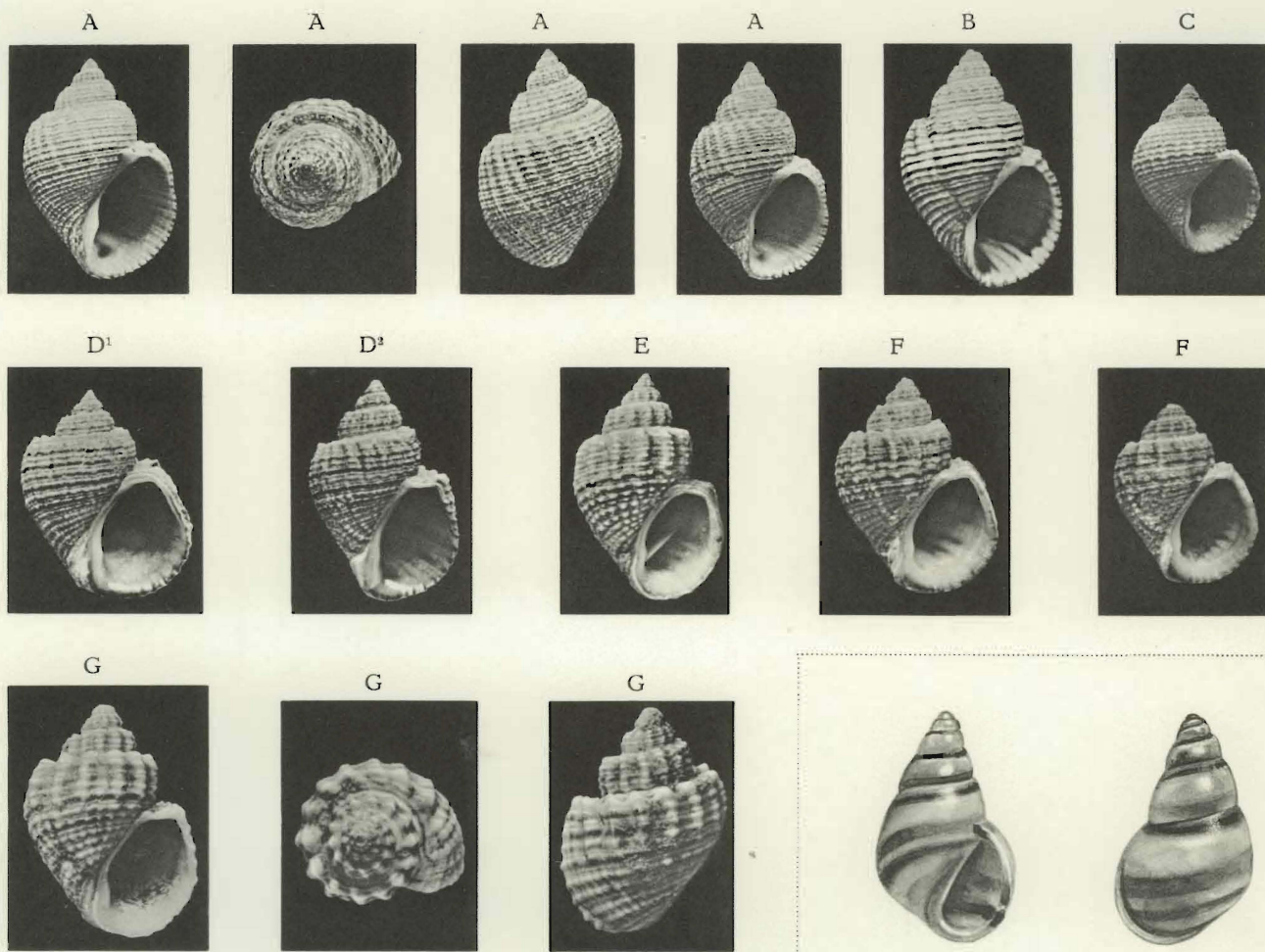


Fig. 1. - *Edgaria nassa* (WOODWARD, 1859).
f. *grandis* E. A. SMITH, 1881.

Fig. 3. - *Stormsia minima* (E. A. SMITH, 1880).

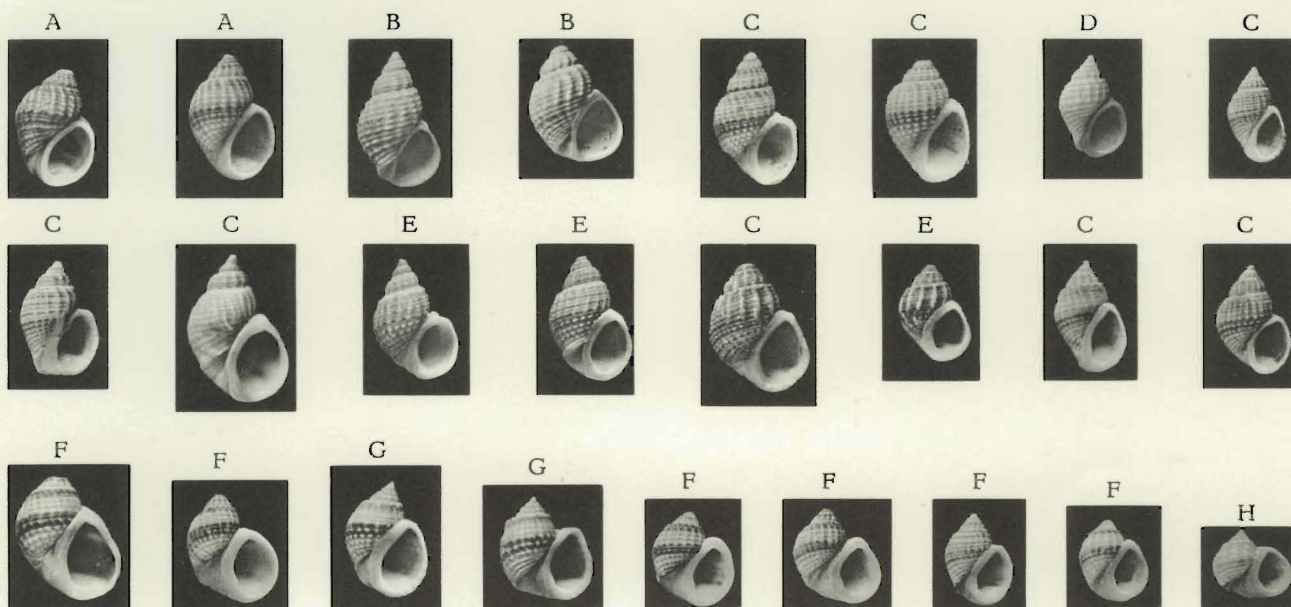


Fig. 2. - *Edgaria nassa* (WOODWARD, 1859). f. *typica*.

PLANCHE X

EXPLICATION DE LA PLANCHE X.

FIG. 1. — *Tiphobia horei* E. A. SMITH, 1880; $\times 1$.

A = stn. 293; B = stn. 250; C = stn. 328; D = stn. 62; E = stn. 171; F = stn. 267; G = stn. 77.

FIG. 2. — *Edgaria nassa* (WOODWARD, 1859).

A = Forme *paucicostata* E. A. SMITH, 1881, $\times 2$ = *Nassopsis variabilis* MARTEL et DAUTZENBERG, Mpala.

B = Forme *globosa* ANCEY, 1898, $\times 2$ = *Hirtia globosa* ANCEY, Mpala.

C-G = Forme *giraudi* BOURGUIGNAT, 1885, $\times 1$: C = Mpala; D = cap Kabogo; E = stn. 167; F = stn. 1635 de L. STAPPERS, entre Mwerazi et Kapampa; F1 = forme *major*; F2 = forme *giraudi*; G = stn. 39.

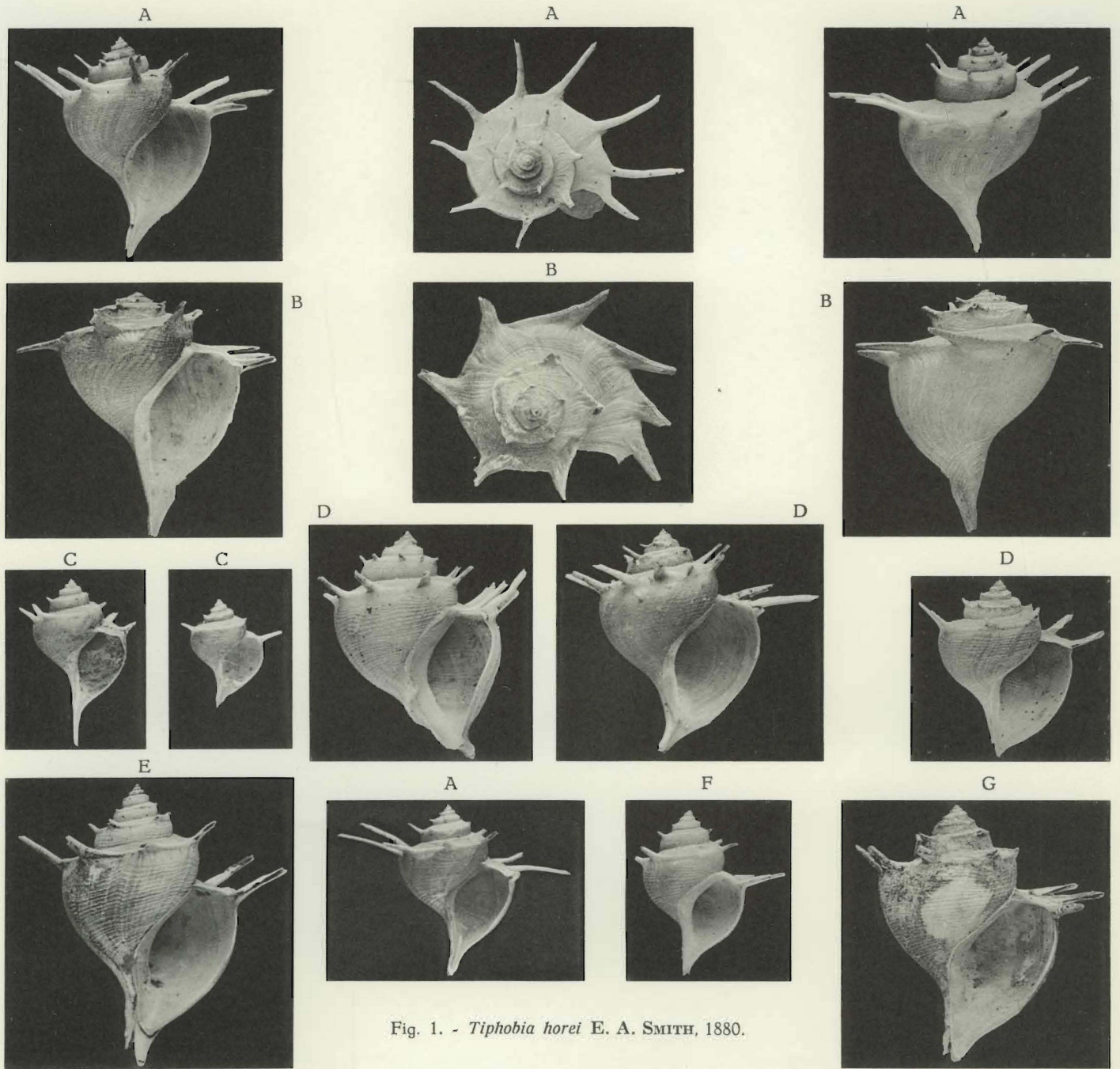


Fig. 1. - *Tiphobia horei* E. A. SMITH, 1880.

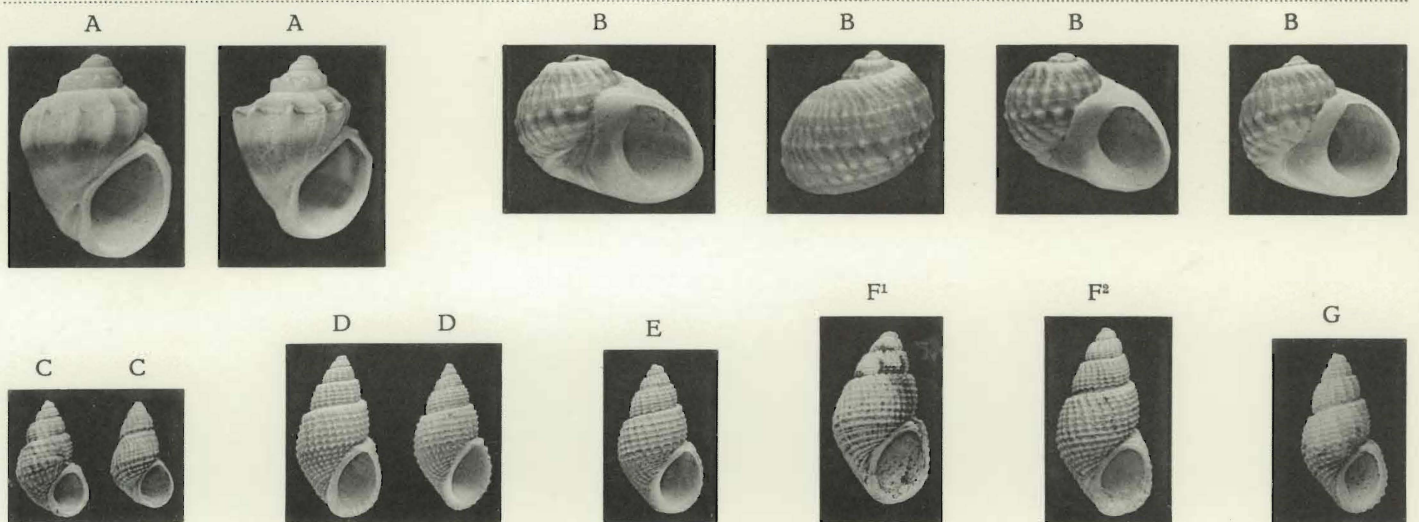


Fig. 2. - *Edgaria nassa* (WOODWARD, 1859).

PLANCHE XI

EXPLICATION DE LA PLANCHE XI.

FIG. 1. — *Paramelania (Paramelania) damoni* (E. A. SMITH, 1881); × 1.

A = forme typique; A1 = collection PH. DAUTZENBERG; A2 = stn. 143; B = *Paramelania mpalaensis*, Mpala, col. MARTEL; C = *Paramelania guillemei*, Mpala, col. MARTEL; D = *Bythoceras minor* MOORE, achat SOWERBY; E = forme *imperialis* GIRAUD 1885; E1 = stn. 153; E2 = stn. 126; F = forme *crassigranulata* E. A. SMITH, 1881, stn. 126; G = diverses coquilles de la stn. 133 montrant le passage de la forme typique à la forme *imperialis*.

FIG. 2. — *Paramelania (Bythoceras) iridescens* (MOORE, 1898); × 1.

A = stn. 30; B = stn. 321, —125-100 m; C = stn. 64; D = stn. 246, —40-60 m.

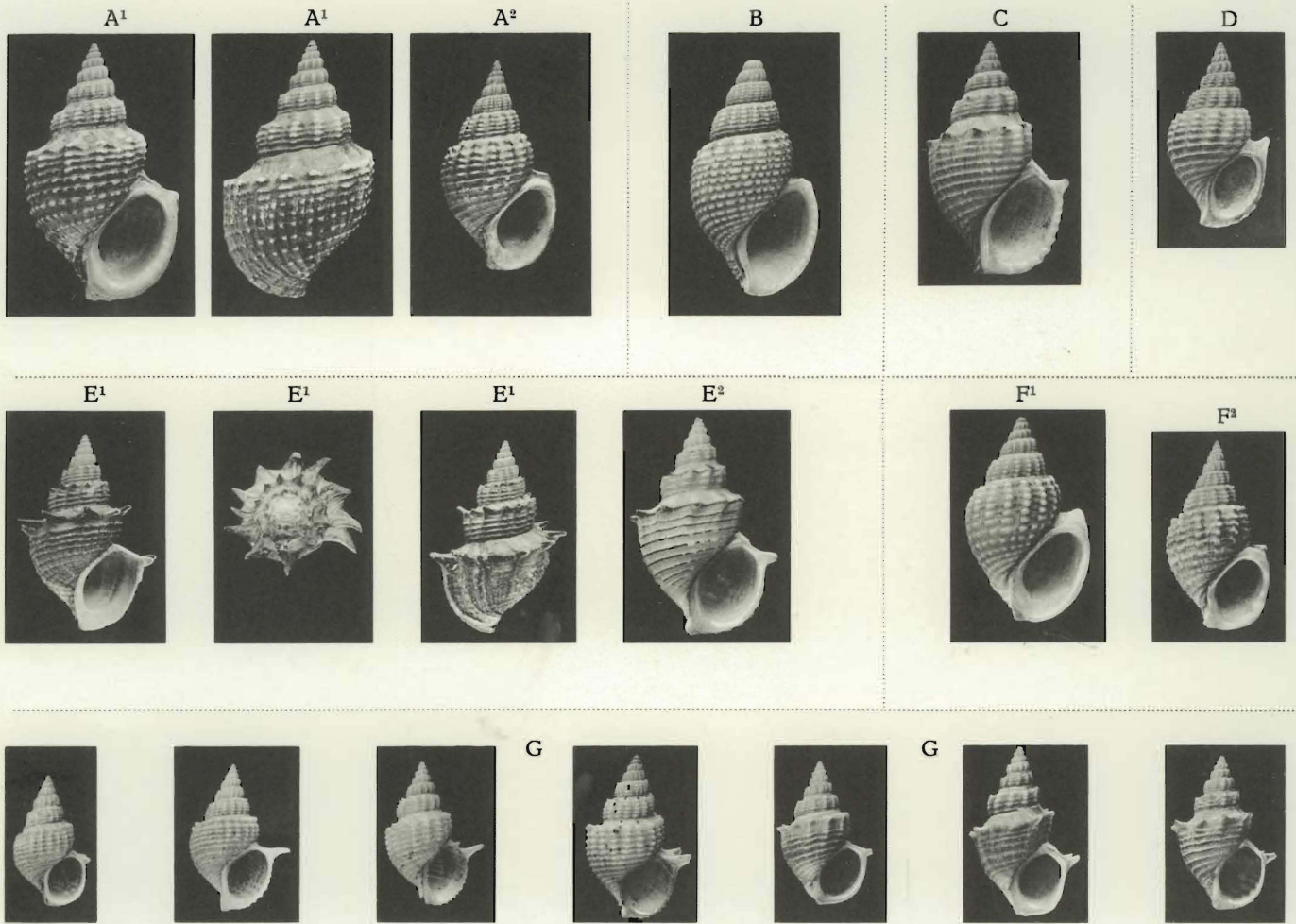


Fig. 1. - *Paramelania (Paramelania) damoni* (E. A. SMITH, 1881).

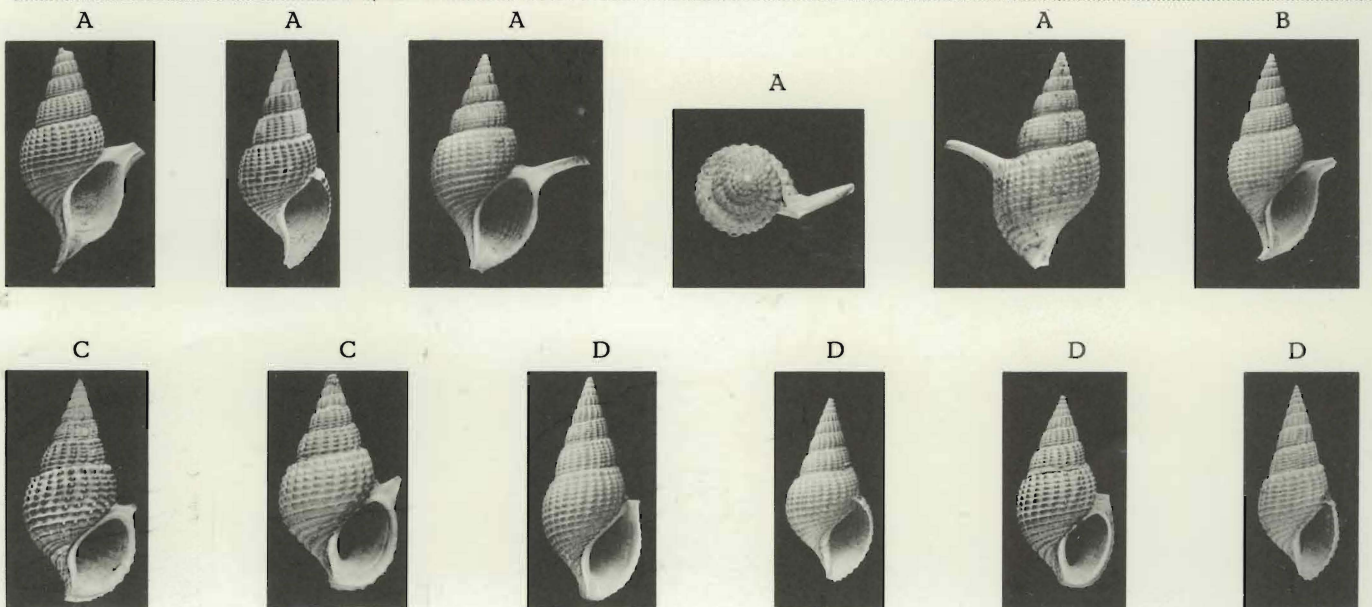


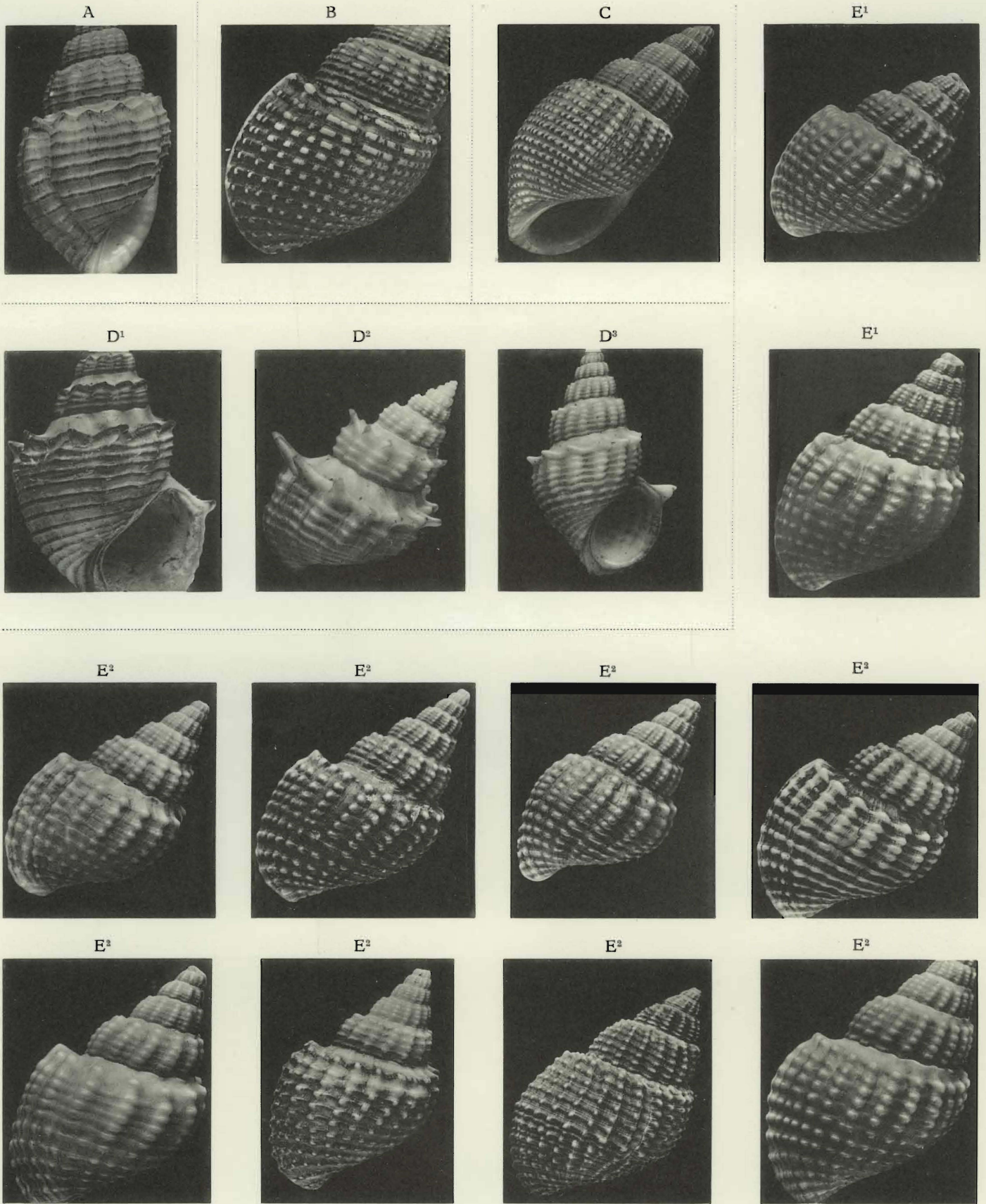
Fig. 2. - *Paramelania (Bythoceras) iridescens* (MOORE, 1898).

PLANCHE XII

EXPLICATION DE LA PLANCHE XII.

Paramelania (Paramelania) damoni (E. A. SMITH, 1881). Détail de sculpture, × 2.

A = forme typique, stn. 23; B = forme *guillemei* MARTEL et DAUTZENBERG, 1899, Mpala;
C = forme *mpalaensis* MARTEL et DAUTZENBERG, 1899, Mpala; D = forme *imperialis*
GIRAUD, 1885; D1 = stn. 43; D2 = stn. 127; D3 = stn. 133; E = forme *crassigranulata*
E. A. SMITH, 1881; E1 = stn. 144; E2 = Kigoma.



Paramelania (Paramelania) damoni (E. A. SMITH, 1881).

PLANCHE XIII

EXPLICATION DE LA PLANCHE XIII.

- FIG. 1. — *Hirthis littorina* ANCEY, 1898.
Ufipa, ×2.
- FIG. 2. — *Limnotrochus thomsoni* E. A. SMITH, 1880.
Station 212, ×2.
- FIG. 3. — *Stanleya neritinoides* (E. A. SMITH, 1880).
Station 74, ×3.
- FIG. 4. — *Tanganyicia rufofilosa* (E. A. SMITH, 1880).
Station 99, ×2.
- FIG. 5. — *Reymondia horei* (E. A. SMITH, 1880).
Station 279, ×2.
- FIG. 6. — *Bridouxia giraudi* BOURGUIGNAT, 1885; × 3.
De gauche à droite, 3 spécimens : A1, A2 et B.
A = forme typique; A1 = Mpala; A2 = *Giraudia præclara* BOURGUIGNAT, 1885, Mpala
B = forme *smithiana* BOURGUIGNAT, 1885, station 144.
- FIG. 7. — *Chytra kirki* (E. A. SMITH, 1880).
Station 62, ×3/2.
- FIG. 8. — *Spekia zonata* (WOODWARD, 1859).
Station 132, ×3/2.
- FIG. 9. — *Edgaria nassa* (WOODWARD, 1859) forme *spinulosa* BOURGUIGNAT, 1885; × 1.
A = stn. 167; B = stn. 120; C = stn. 144; D = stn. 89; E = stn. 55.
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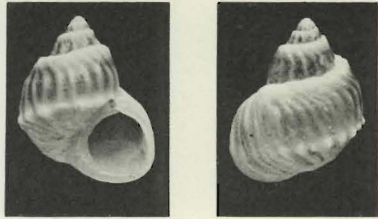


Fig. 1. - *Hirthis littorina* ANCEY, 1898.

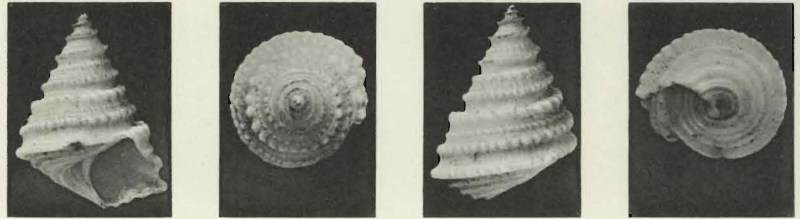


Fig. 2. - *Limnotrochus thomsoni* E. A. SMITH, 1880.



Fig. 3. - *Stanleya neritinoides* (E. A. SMITH, 1880).

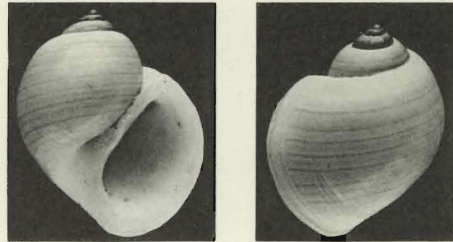


Fig. 4. - *Tanganyicia rufofilosa* (E. A. SMITH, 1880).

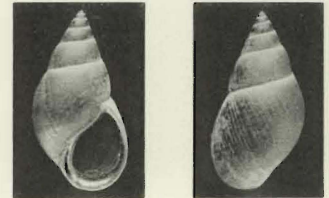


Fig. 5. - *Reymondia horei* (E. A. SMITH, 1880).



Fig. 6. - *Bridouxia giraudi* BOURGUIGNAT, 1885.



Fig. 8. - *Spekia zonata* (WOODWARD, 1859).



Fig. 7. - *Chytra kirki* (E. A. SMITH, 1880).

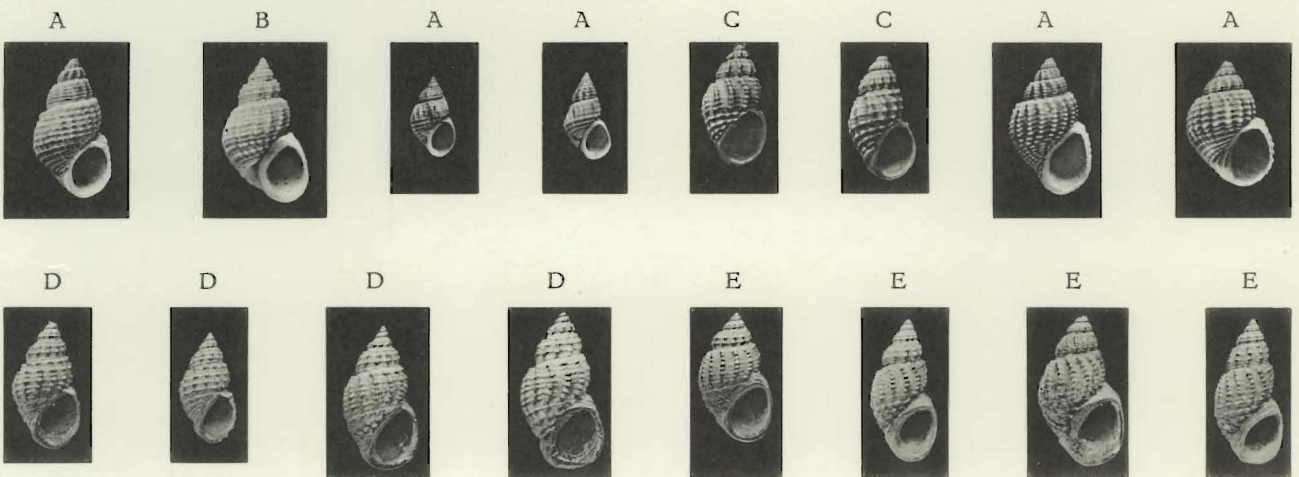


Fig. 9. - *Edgaria nassa* (WOODWARD, 1859) f. *spinulosa* BOURGUIGNAT, 1885.