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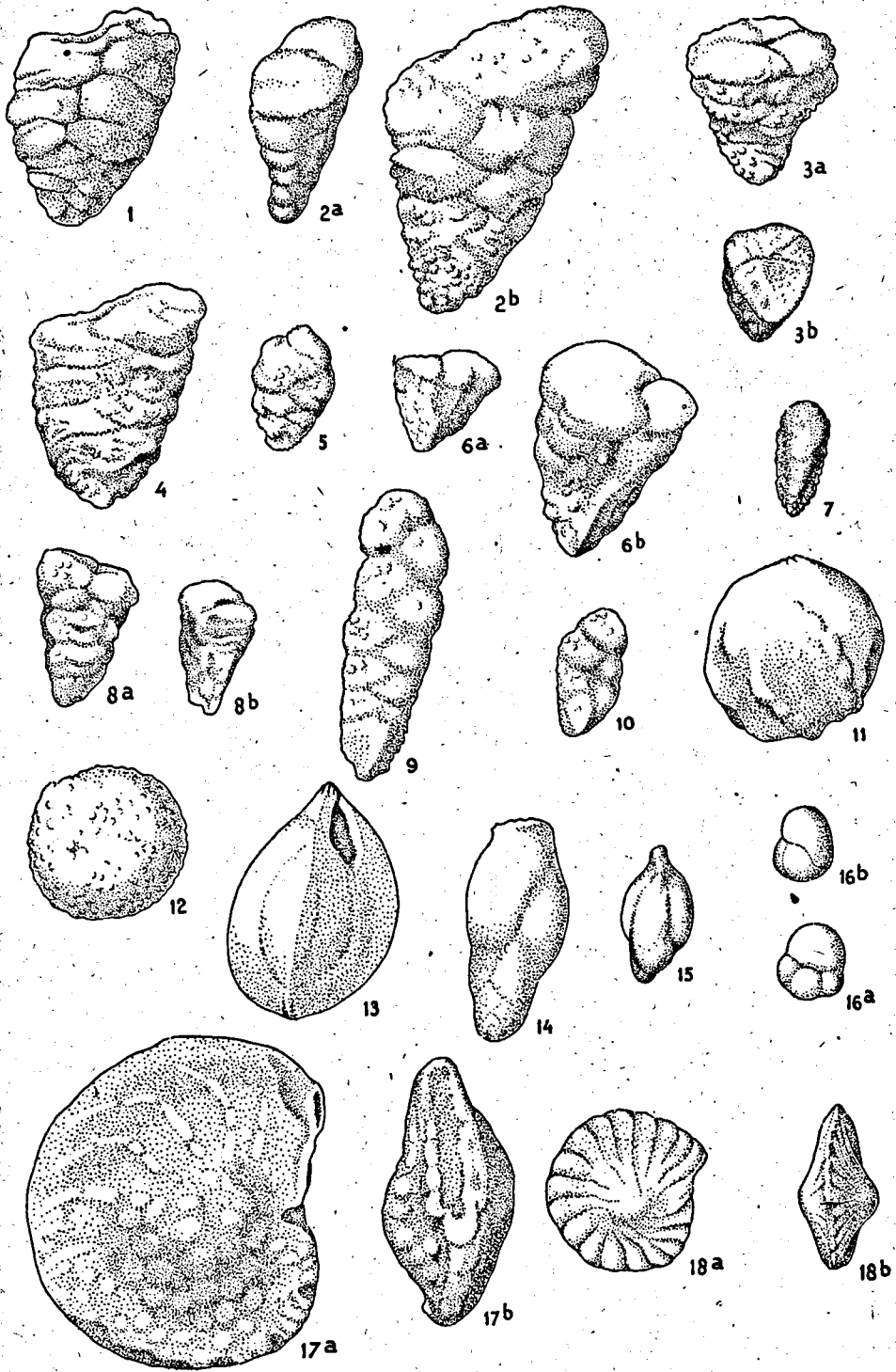


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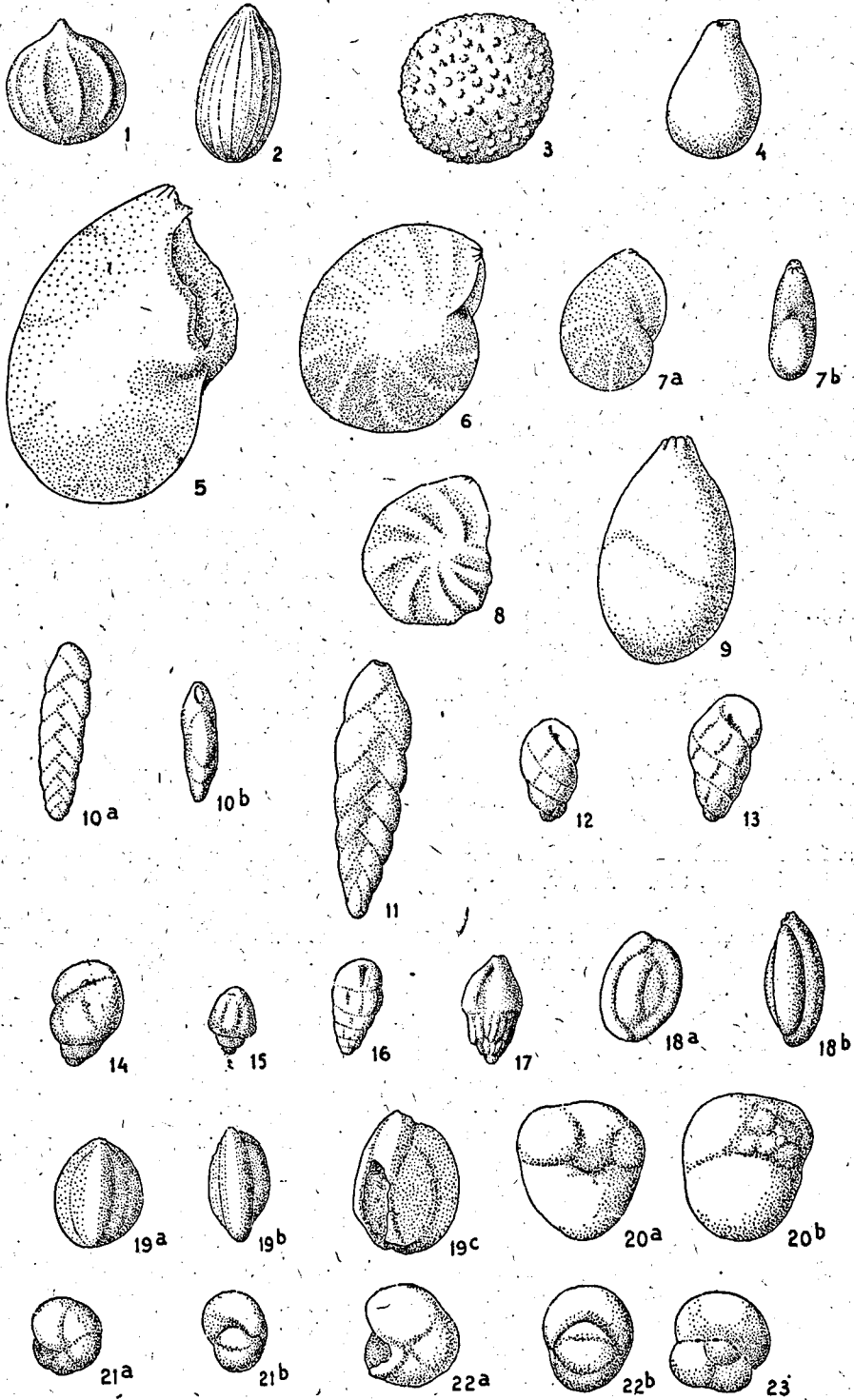


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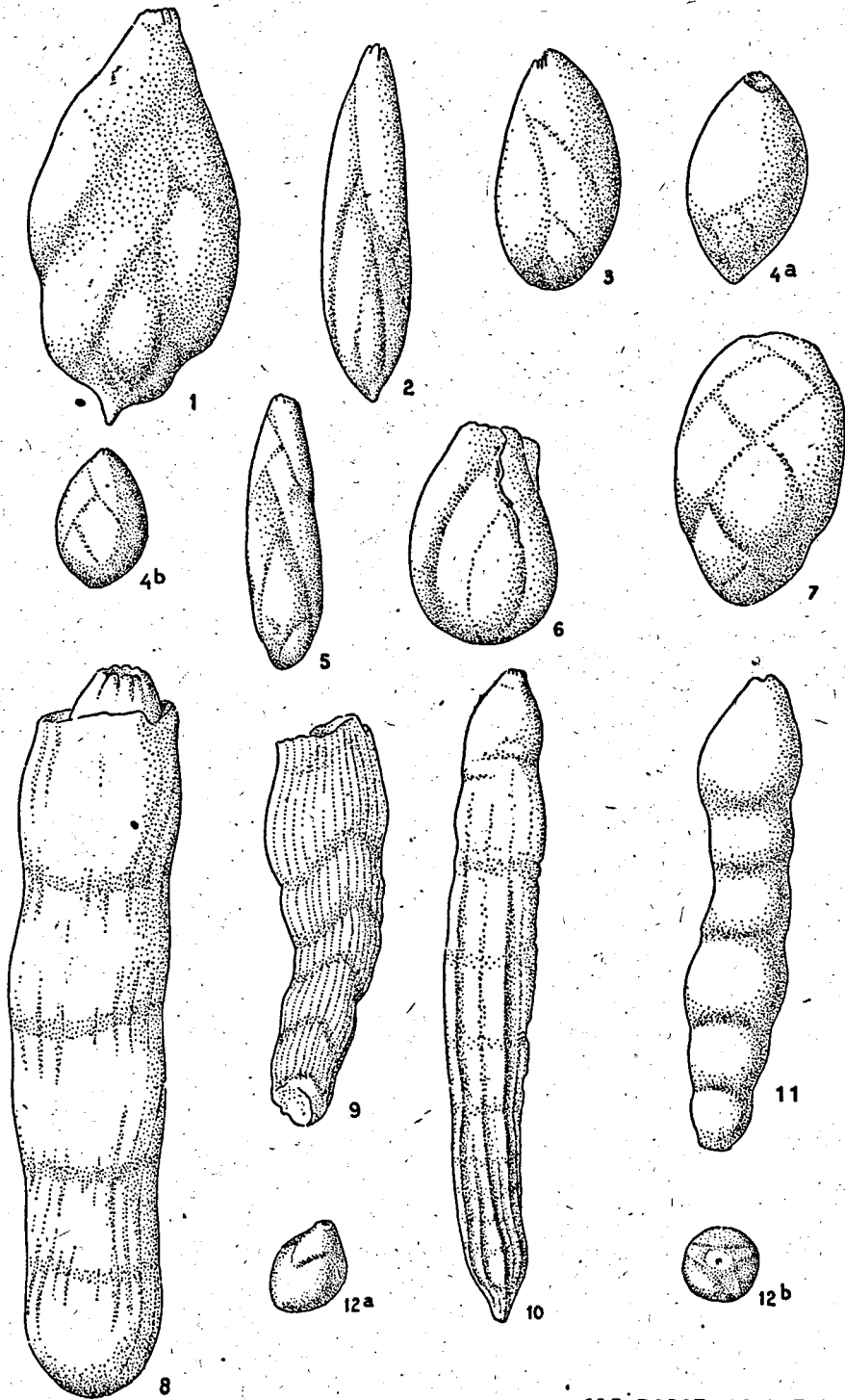


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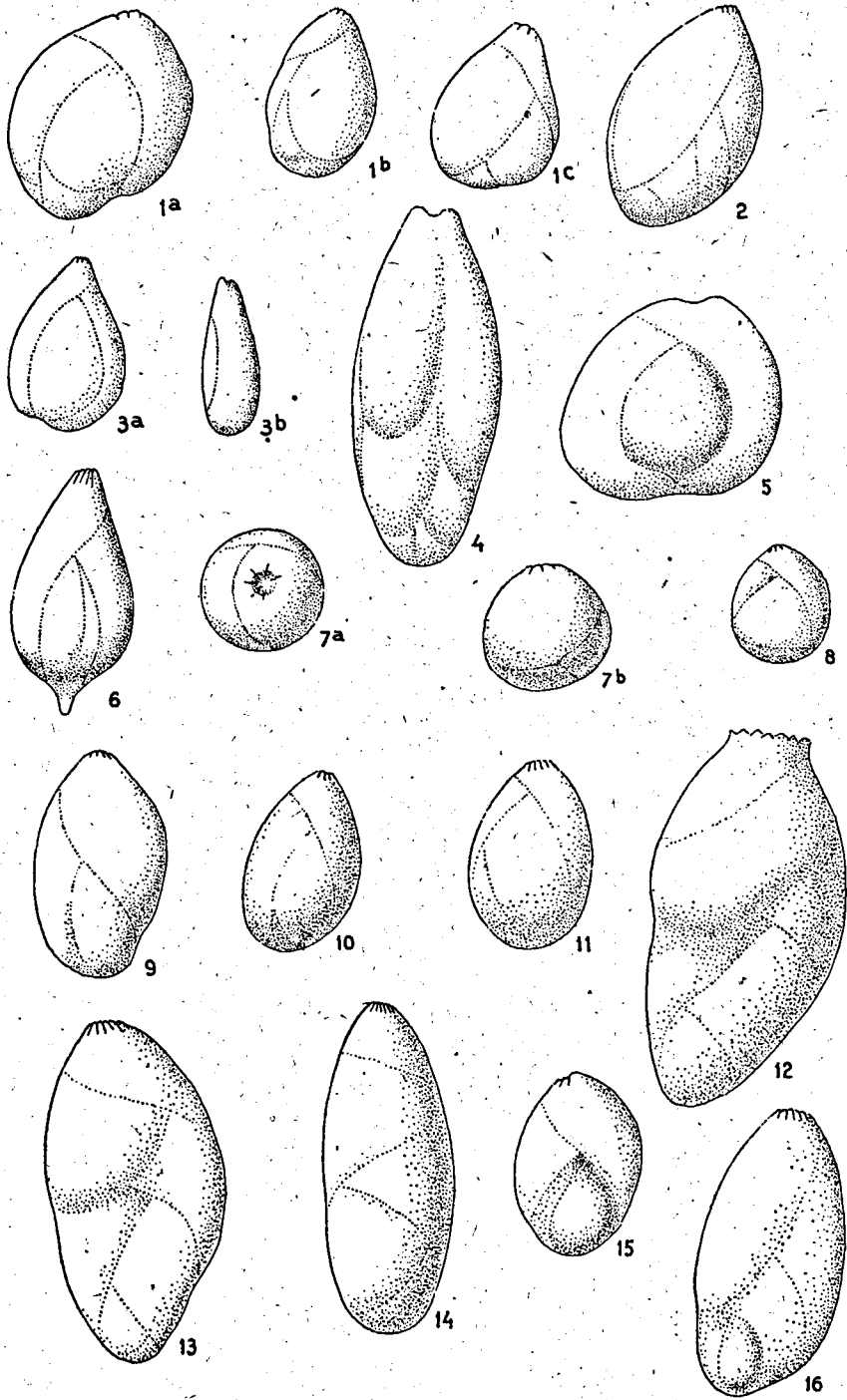


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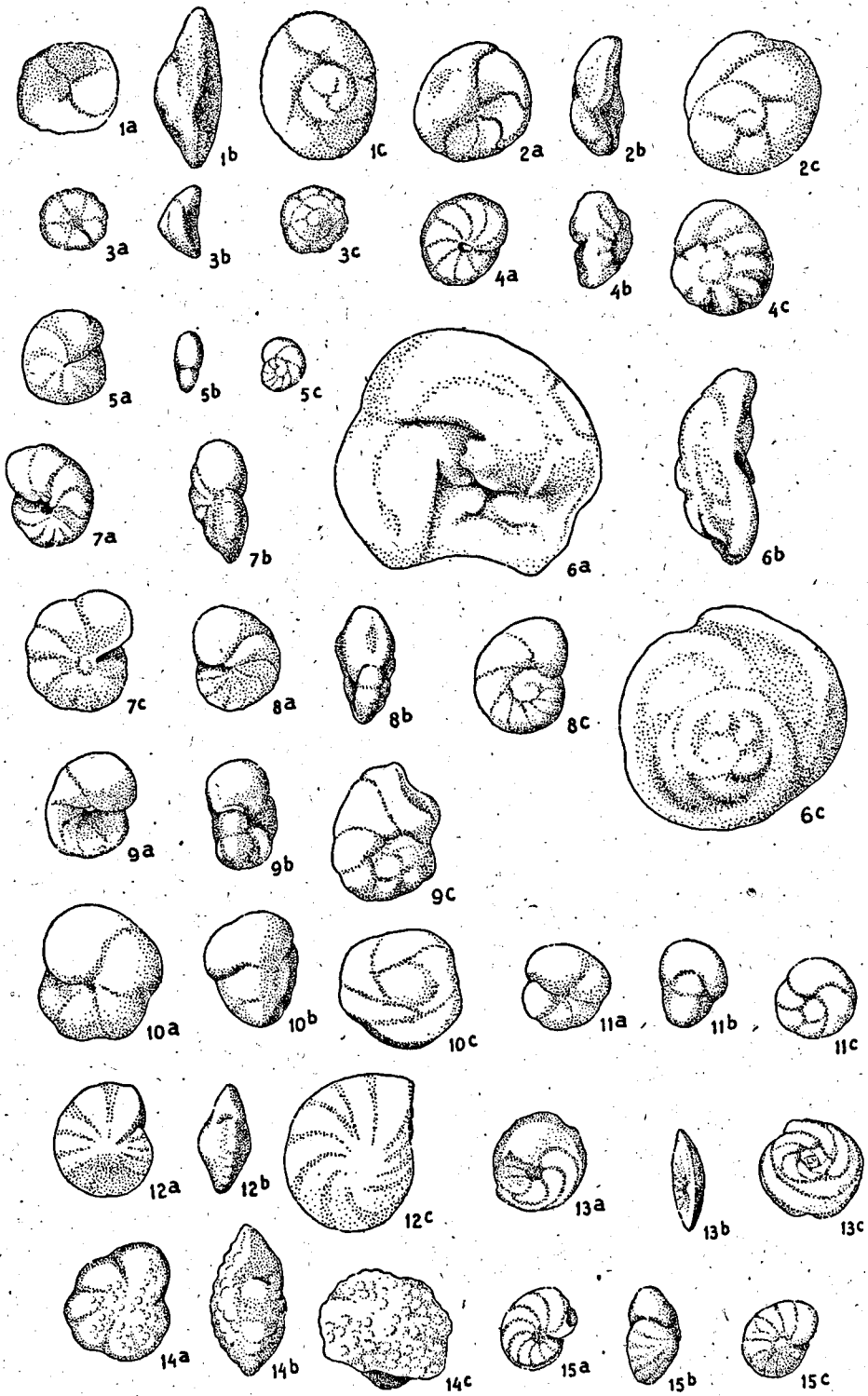


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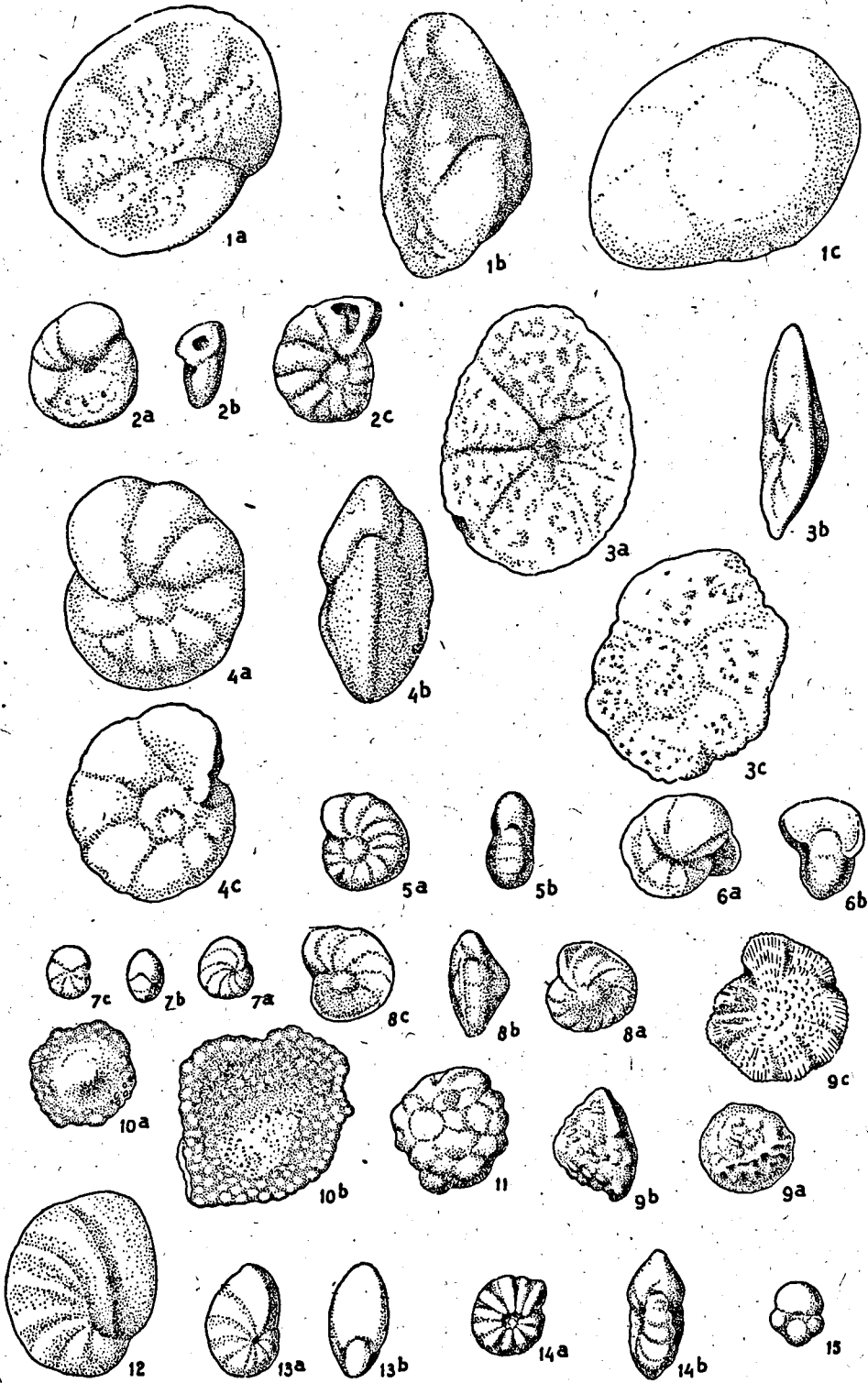


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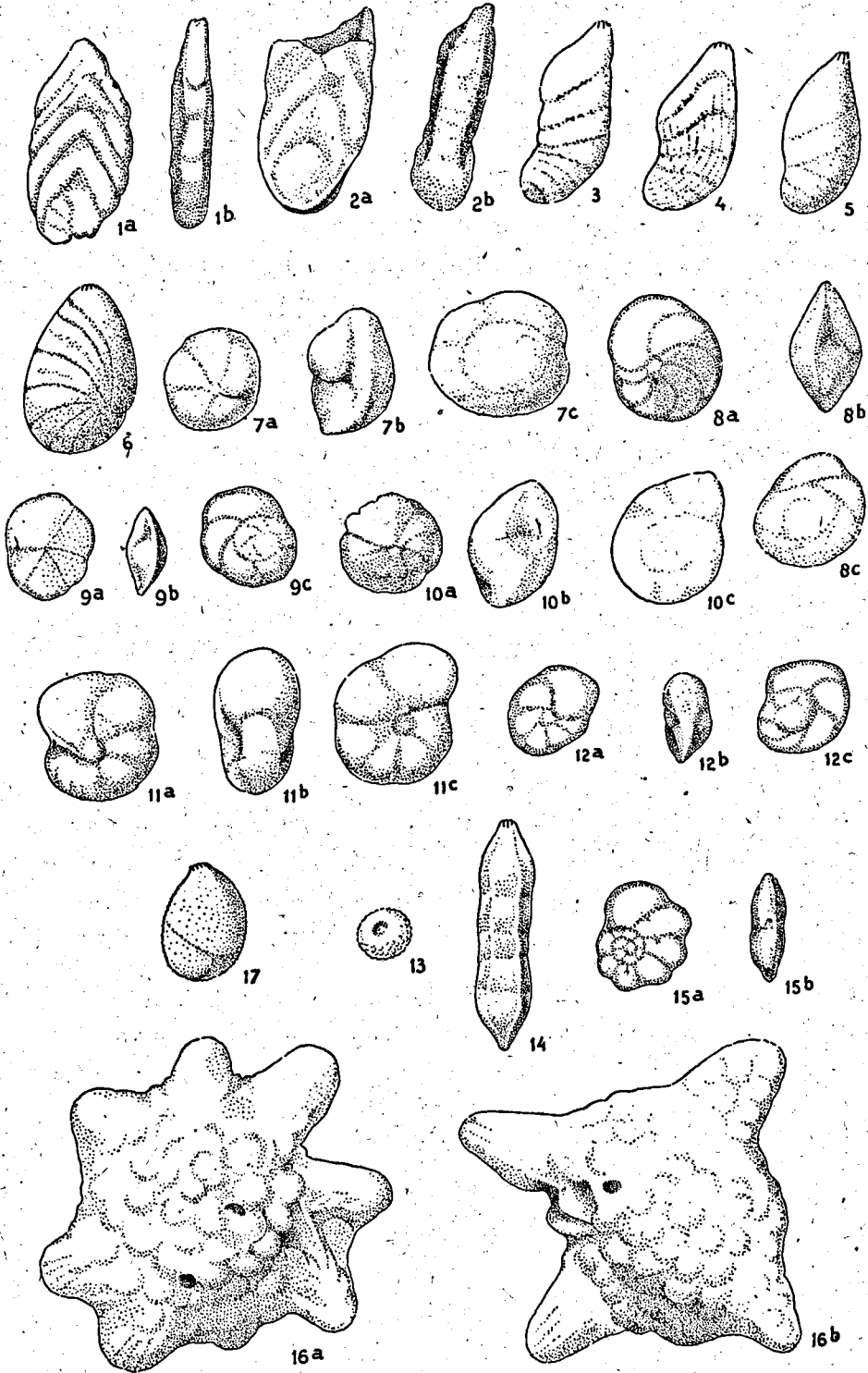


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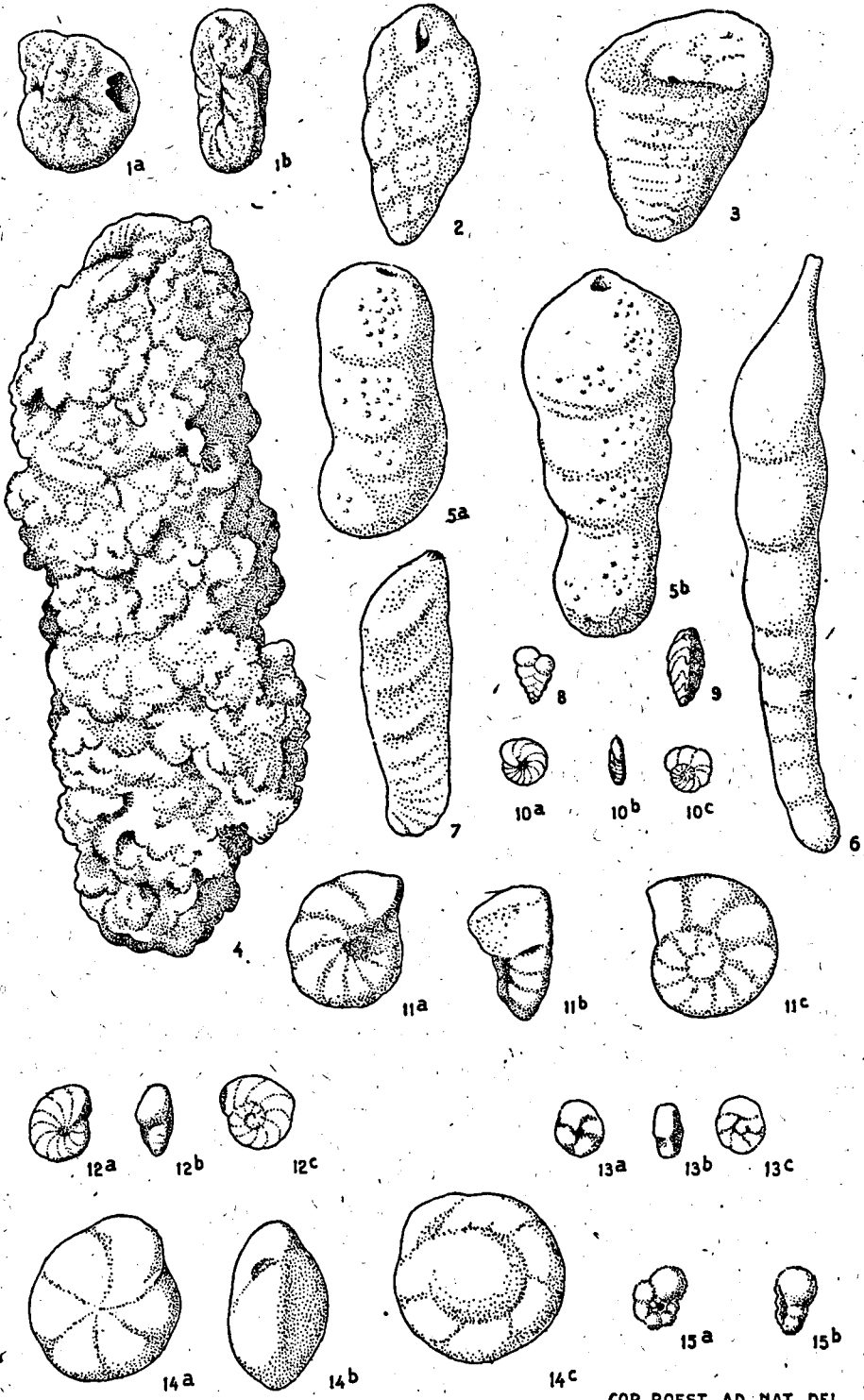


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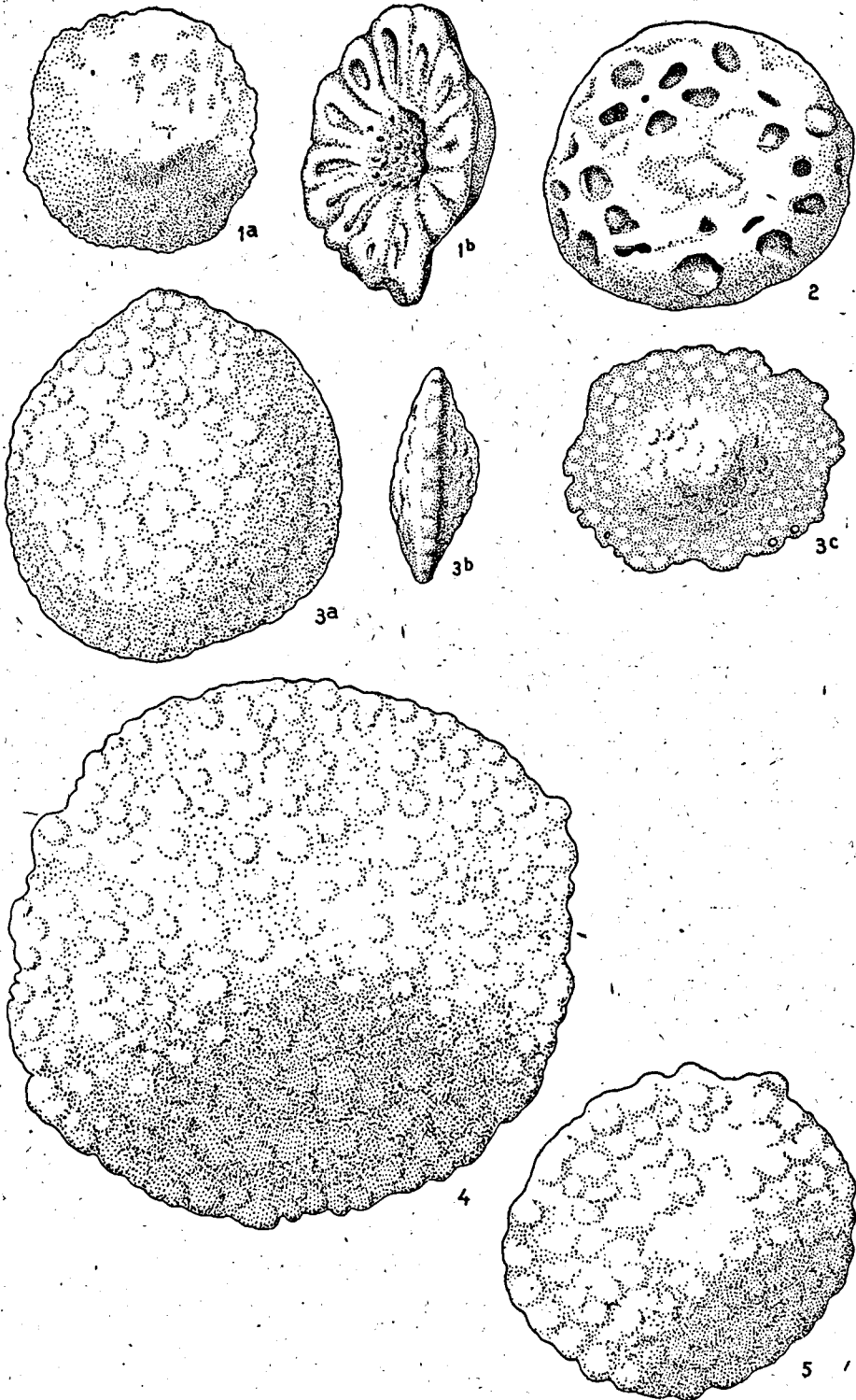


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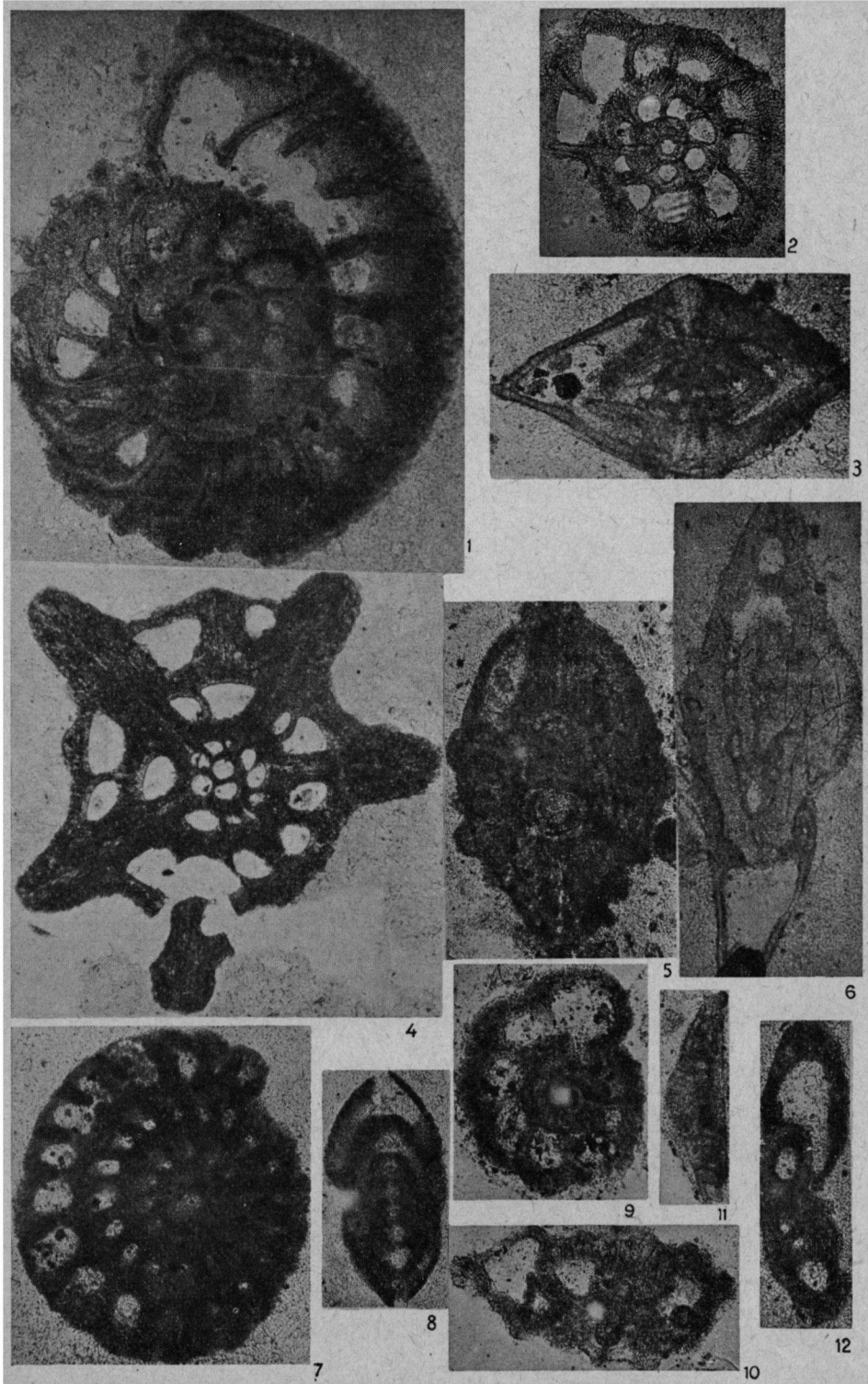


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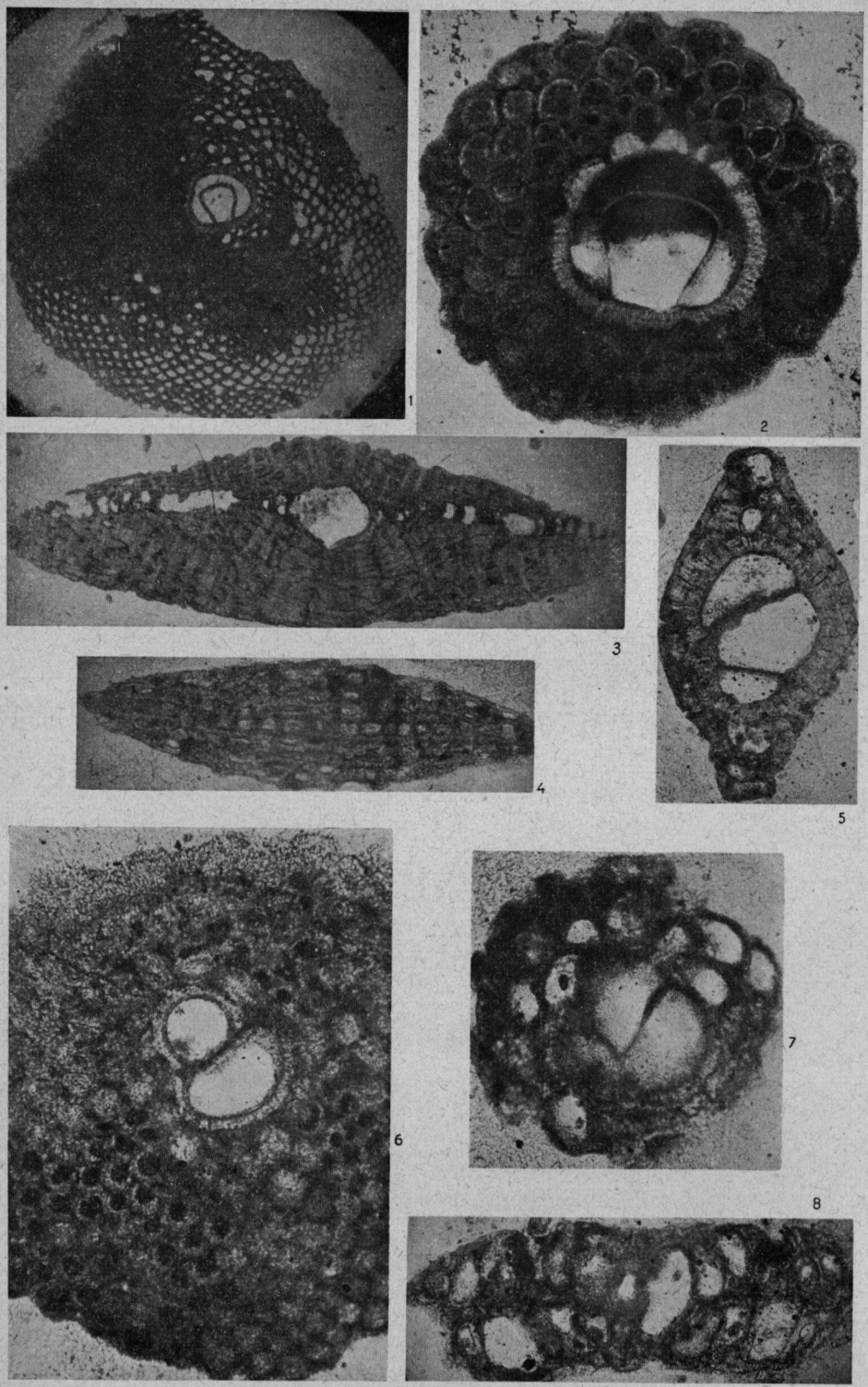


PLATE 12.

10	98	98	78	68	5	48	2	1	SAMPLE-NUMBER
34	57	54	22	30	37	43	33	39	NUMBER OF SPECIES
350	236	236	136	237	382	402	488	516	NUMBER OF SPECIMENS
									ALABAMINA DORSOPLANA
									ALLOMORPHINA TRIGONA
									ANOMALINA COMPLANATA
									BULMINELLA STOKESI
									GUILDSTOWNELLA SENONIENSIS
									CIBICIDES CONSTRICTUS
									CIBICIDES INVOLUTA
									CIBICIDES ROESTAE
									CIBICIDES VOLTZIANA
									CONORBITA SQUAMIFORMIS
									CYMBALOPORA RADATA
									DENTALINA CF. INCRASSATA
									DENTALINA MARCKI
									DENTALINA MONILE
									DISCORBIS CRETACEA
									DISCORBIS STELLIGERA
									DISCORBIS SUPRACRETACEA
									DOROTHIA PUPOIDES
									EPONIDES CARPENTERI
									EPONIDES HEMISPHERICA
									GAUDRYINA LAEVIGATA
									GAUDRYINA RUGOSA
									GAVELINELLA BIRKHORSTI
									GAVELINELLA BOSQUETI
									GAVELINELLA PERTUSA
									GAVELINELLA TUMIDA
									GLOBIGERINA BULLOIDES
									GLOBULINA EXSERTA
									GLOBULINA LACRIMA
									GLOB. LACR. VAR. SUBSPHAERICA
									GLOB. LACRIMA VAR. I
									GLOB. LACRIMA VAR. II
									GLOBULINA PRISCA
									GLOBULINA ROTUNDATA
									GUTTULINA ADHAERENS
									GUTTULINA CAUDATA
									GUTTULINA PAALZOWI
									GUTTULINA PROBLEMA
									GUTTULINA PROBLEMA VAR. I
									GUTTULINA TRIGONULA
									GYPSSINA CRETAE
									GYPSSINA GLOBOSA
									LAGENA GLOBOSA
									LAMARCKINA BIENFAITI
									LEPIDORBITOIDES MINOR
									LEPTODERMELLA MAESTRICHTIENSIS
									LINDERINA DOUVILLEI
									NONION TROOSTAE
									NONIONELLA CF. ANSATA
									OPHALOCYCLUS MACROPORA
									OPERCULINA FLURIAUSI
									OPERCULINA LABANAE
									ORBITOIDES APICULATA
									ORBITOIDES BRITIAE
									PLANULARIA OSNABRUGENSIS
									PLANULARIA TRUNCATA
									PLANULINA TENUISSIMA
									PSEUDOPARRELLA LIMBURGENSIS
									PSEUDOPARRELLA MEETERENAE
									PSEUDOPARRELLA MIHISAE
									PSEUDOPOLYMORPHINA DIGITATA
									PSEUDOPOLYMORPHINA INCERTA
									PSEUDOPOLYMORPHINA LEOPOLITANA
									PSEUDOPOLYMORPHINA SOLDANII
									PULLENIA QUATERNARIA
									PULLENIA REUSSI
									PYRULINA CYLINDROIDES
									QUINQUELOCULINA ANTIQUA
									QUINQUELOCULINA STOLLEYI
									ROTALIA TUBERCULIFERA
									SIDEROLITES CALCITRAPOIDES
									SIGMOMORPHINA SP.
									SIGMOMORPHINA SOLUTA
									SPIROLINA SENONIENSIS
									SPIROPECTAMINA BRUDDUJIANA
									TEXTULARIA AGGLUTINANS
									TEXTULARIA CONULUS
									TEXTULARIA SURCONICA

1-2 SPECIMENS
 3-5 SPECIMENS
 6-20 SPECIMENS
 21-100 SPECIMENS
 > 100 SPECIMENS
 BR9010A - RED

LEGEND:

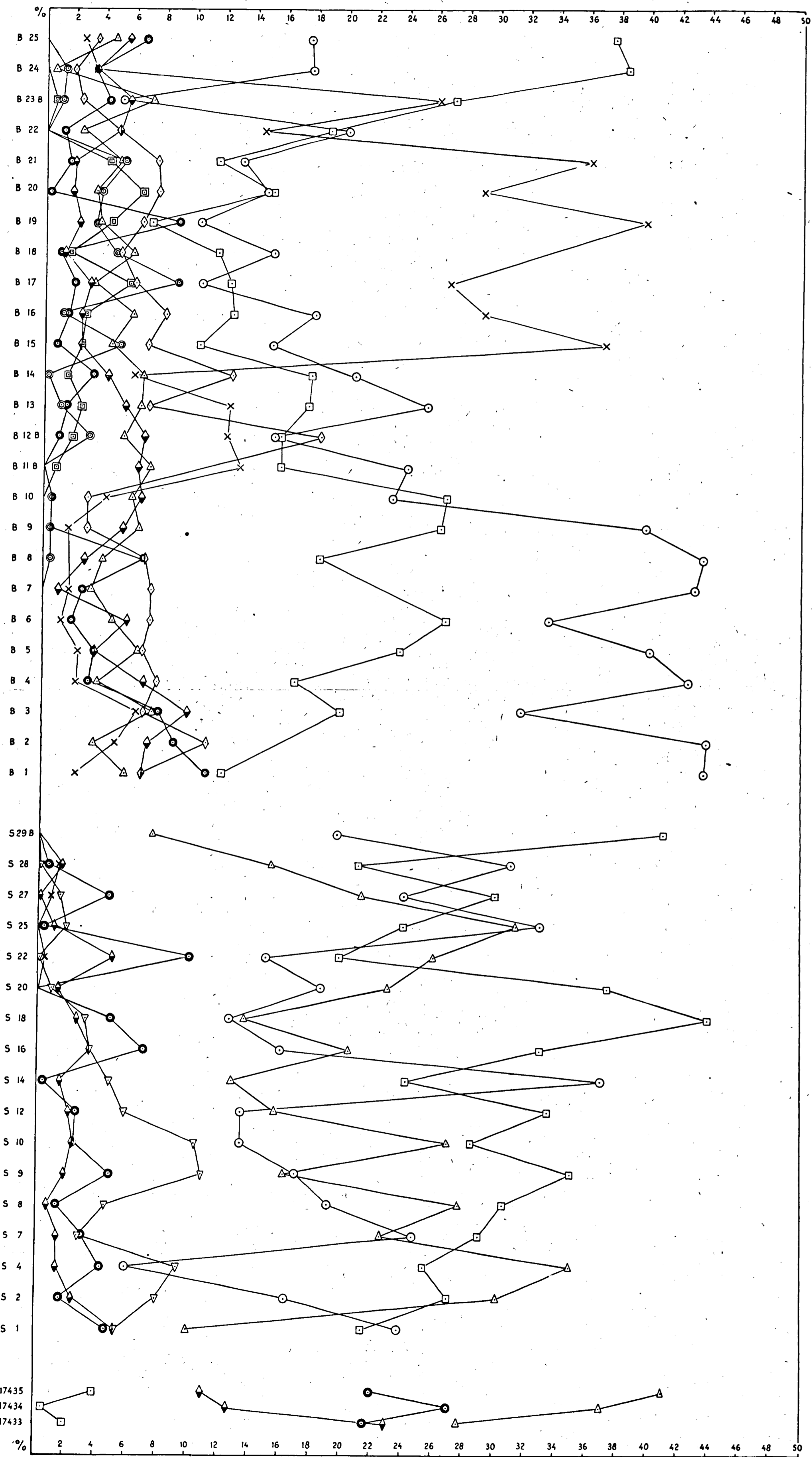
Range-chart of Section I (Sint Pietersberg).

PLATE 14.

18	49	769	SAMPLE-NUMBER
17	46	525	NUMBER OF SPECIES
16	42	519	NUMBER OF SPECIMENS
1	41	470	ALABAMINA DORSOLANA
2	39	374	ALLOMORPHINA TRIGONA
3	44	507	ANOMALINA COMPLANATA
4	52	813	ANOMALINA GROSSERUGOSA
5	53	684	BOLIVINA INCRASSATA
6B	29	102	BULIMINA INTERMEDIA
7	47	745	BULIMINA PARVA
8	42	440	BULIMINA REUSSI
9	45	788	BULIMINA STORESI
10	45	428	BULIMINELLA IMBRICATA
11B	36	192	BULIMINELLA OBUSA
12	37	461	CHILOSTOMELINA SENONIENSIS
13	45	437	CIBICIDES CONSTRICTUS
14	43	501	CIBICIDES EXCAVATA
15	46	594	CIBICIDES INVOLUTA
16	42	519	CIBICIDES POLYRAPHES
17	46	525	CIBICIDES ROESTAE
18	49	769	CIBICIDES VOLTZIANA
1	41	470	CONORBINA SQUMIFORMIS
2	39	374	CYMBALOPORA RADIATA
3	44	507	DENTALINA CF INCRASSATA
4	52	813	DENTALINA MARCAI
5	53	684	DENTALINA MOBILE
6B	29	102	DISCORBIS CRETACEA
7	47	745	DISCORBIS STELLIGERA
8	42	440	DISCORBIS SUPERCRETACEA
9	45	788	DOROTHA PUPOIDES
10	45	428	EPHANTHOMARGINULINA ELONGATA
11B	36	192	EPONIDES CARPENTERI
12	37	461	EPONIDES HEMISPHERICA
13	45	437	FRONDICULARIA BIFORMIS
14	43	501	GAUDRYINA LAEVIGATA
15	46	594	GAUDRYINA RUBOSA
16	42	519	GAVELINELLA AMMONOIDES
17	46	525	GAVELINELLA BINKHOFST
18	49	769	GAVELINELLA BOSQUETI
1	41	470	GAVELINELLA PERTUSA
2	39	374	GAVELINELLA TUMIDA
3	44	507	GLOBIGERINA BULLOIDES
4	52	813	GLOBULINA EXSERTA
5	53	684	GLOBULINA GRAVIS
6B	29	102	GLOBULINA LACRIMA
7	47	745	GLOB. LACR VAR. SUBSPHERICA
8	42	440	GLOBULINA PRISCA
9	45	788	GLOBULINA ROTUNDATA
10	45	428	GUTTULINA ADHAERENS
11B	36	192	GUTTULINA CAUDATA
12	37	461	GUTTULINA PAEZOWI
13	45	437	GUTTULINA PROBLEMA
14	43	501	GUTTULINA TRIGONULA
15	46	594	GUTTULINA UVIFORMIS
16	42	519	GYPHINA CRETAE
17	46	525	GYROIDINA GLOBOSA
18	49	769	GYROIDINIDES INTIDA
1	41	470	LAGENA ACUTICOSTATA
2	39	374	LAGENA ASPERA
3	44	507	LAGENA GLOBOSA
4	52	813	LAMARCKINA BIENFAITI
5	53	684	LENTICULINA ACUTA
6B	29	102	LEPTODRIBOIDES MINOR
7	47	745	LEPTODERMELLA MAESTRICTIENSIS
8	42	440	LINDERINA DOUVILLEI
9	45	788	MARGINULINA PARALLELA
10	45	428	NONION TROOSTAE
11B	36	192	OMPHALOCYCLUS MACROPORA
12	37	461	OPERCULINA FLEURBAUSI
13	45	437	OPERCULINA LABANA
14	43	501	ORBITOIDES BRINKAE
15	46	594	PLANULARIA OSNABRUGENSIS
16	42	519	PLANULARIA TRUNCATA
17	46	525	PLANULARIA TENUISSIMA
18	49	769	PLANULARIA SP.
1	41	470	PLECTYVA RUTHENICA
2	39	374	PSEUDOPARRELLA LAMBURGENSIS
3	44	507	PSEUDOPARRELLA MEETERENAE
4	52	813	PSEUDOPARRELLA MINISAE
5	53	684	PSEUDOPOLYMORPHINA DIGITATA
6B	29	102	PSEUDOPOLYMORPHINA INCERTA
7	47	745	PSEUDOPOLYMORPHINA LEOPOLDIANA
8	42	440	PSEUDOPOLYMORPHINA SOLDANII
9	45	788	PSEUDOUVIBERINA SP.
10	45	428	PULLENIA QUATERNARIA
11B	36	192	PULLENIA REUSSI
12	37	461	PYRULINA ACUMINATA
13	45	437	PYRULINA GYLINDROIDES
14	43	501	QUADRIMORPHINA ALLOMORPHINOIDES
15	46	594	QUADRILINA CF RHABDOGONIDES
16	42	519	QUINQUELOCULINA ANTIQUA
17	46	525	QUINQUELOCULINA STOLLEI
18	49	769	ROTALIA TUBERCULIFERA
1	41	470	SIDEROLITES CALCITRAPPOIDES
2	39	374	SIGMOIDEA ELEGANTISSIMA
3	44	507	SIGMOMORPHINA WONNERBURGAE
4	52	813	SIGM. SEMITECTA VAR. TERQUENIANA
5	53	684	SIGMOMORPHINA SP.
6B	29	102	SIGMOMORPHINA SOLUTA
7	47	745	SPIROLINA SENONIENSIS
8	42	440	SPIROPECTAMMINA BAUDOUANA
9	45	788	TEXTULARIA AGGLUTINANS
10	45	428	TEXTULARIA CONULUS
11B	36	192	TEXTULARIA SUBCONICA
12	37	461	TEXTULARIA SP.
13	45	437	TRITAXIA DUBIA
14	43	501	VRGULINA TEGULATA

Range-chart of Section III (Geulhem).

See for legend plate 12.



Subdivision of UHLENBROEK (1912) Subdivision of the present author

Md Md

Hor. of *Gen. pertusae* Hor. of *Gen. pertusae*

Horizon of *Operculina fleuriana* Horizon of *Operculina fleuriana*

Mc Mc

Horizon of *Rotalia tuberculifera* Horizon of *Rotalia tuberculifera*

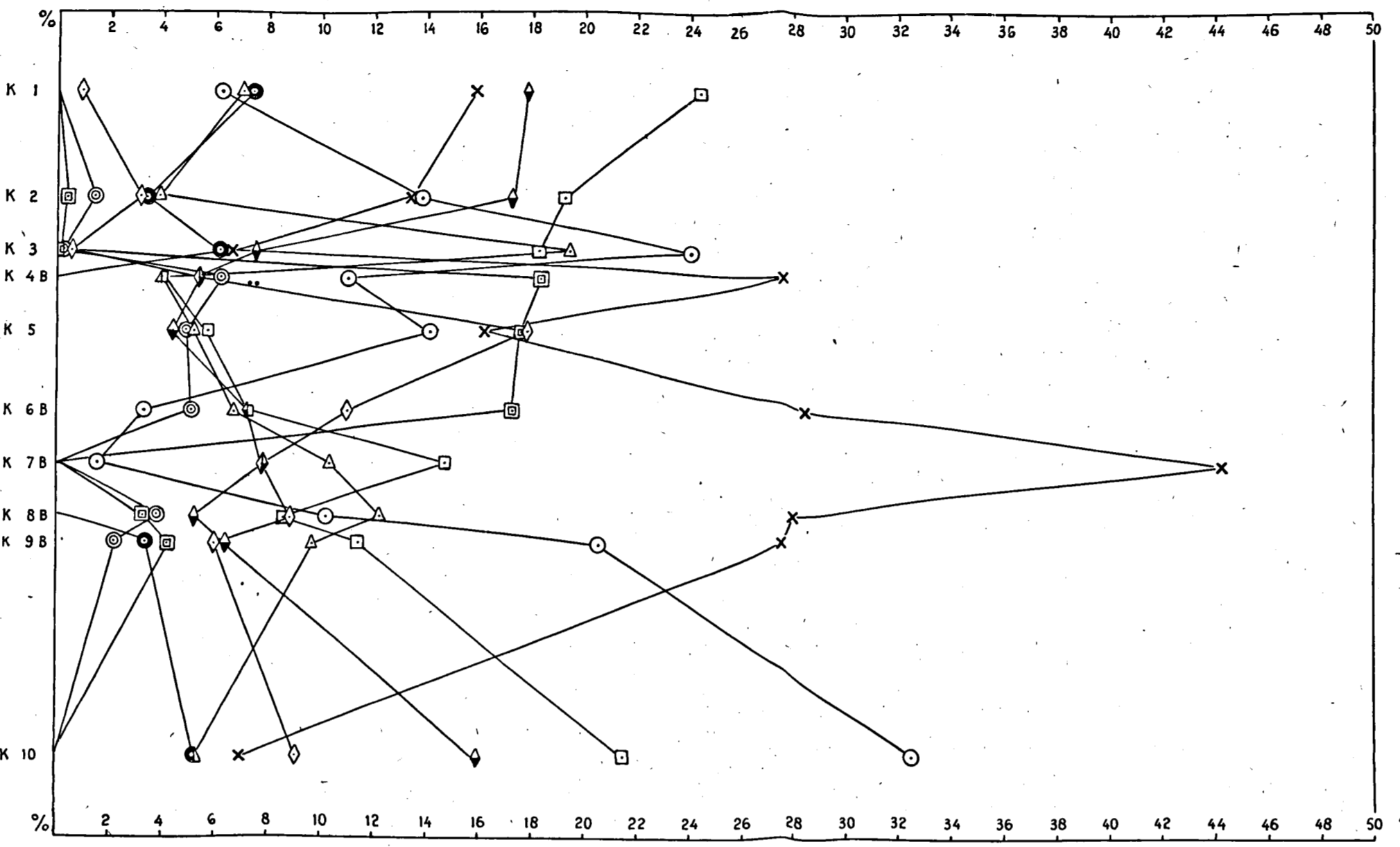
Md Md

Hor. of *Alab. darrupiana* Hor. of *Alab. darrupiana*

Horizon of *Russelia cushmani* Horizon of *Russelia cushmani*

Ma Ma

Hor. of *E. beauei* Hor. of *E. beauei*



LEGEND

K 1,2, etc = Samples out of section I
 B 1,2, etc = Samples out of section II
 G 1,2, etc = Samples out of section III
 S 1,2, etc = Samples out of section IV

B = Bryozoa-bed

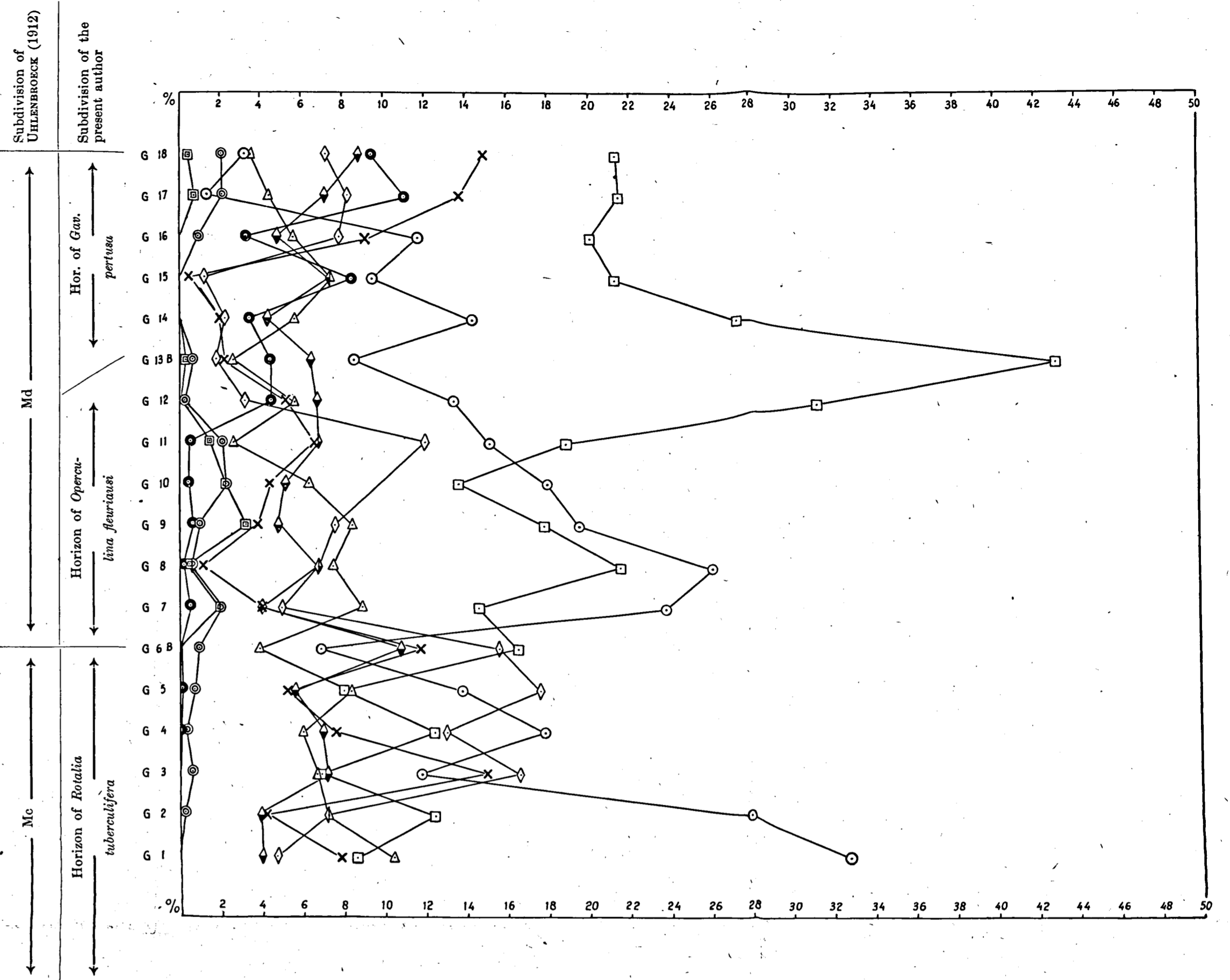
○ = *Rotalia tuberculifera*
 × = *Siderolites calcitrapoides*
 ◊ = *Pseudoparrella minisae*
 ● = *Cibicides involuta*
 ▽ = *Reussella cushmani*
 ⊠ = *Operculina fleuriana*
 □ = *Gavelinellae*
 ◊ = *Polymorphimidae*
 ● = *Orbitoididae*
 △ = Agglutinants

PLATE 16.

This diagram depicts the percentage of a number of remarkable forms in every sample. The percentage-number of each of these forms was calculated previously. It is:

$$\frac{\text{the number of specimens of a certain form in a certain sample}}{\text{the total number of Foraminifera in the same sample}} \times 100.$$

Along the vertical axis of the diagram the numbers of the samples were written, along the horizontal axis the percentage-numbers of the different forms. The points, denoting the percentage-numbers of the same form were connected by a straight line.



Subdivision of UHLENBROEK (1912) Subdivision of the present author

Md Md

Hor. of *Gen. pertusae* Hor. of *Gen. pertusae*

Horizon of *Operculina fleuriana* Horizon of *Operculina fleuriana*

Mc Mc

Horizon of *Rotalia tuberculifera* Horizon of *Rotalia tuberculifera*