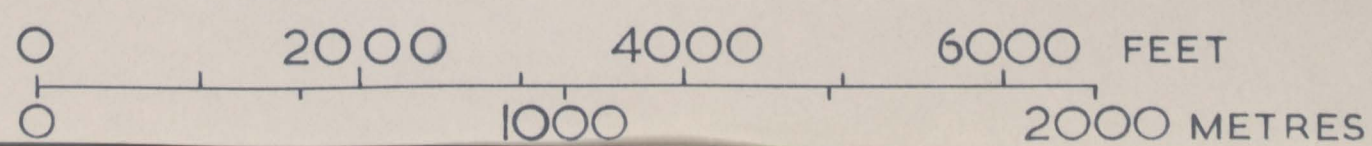
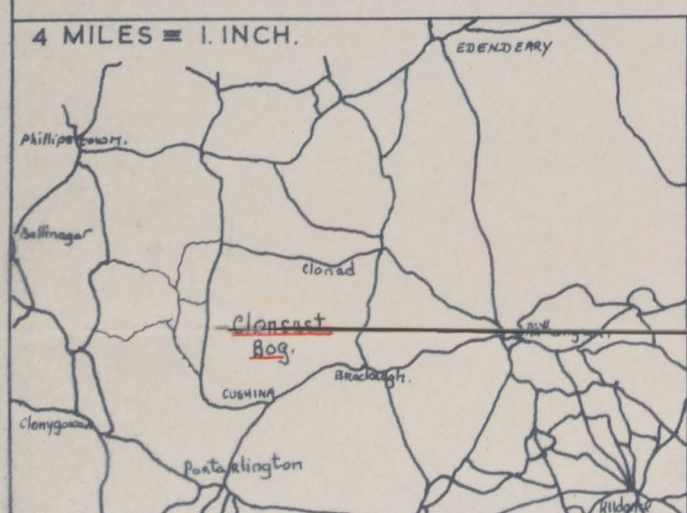
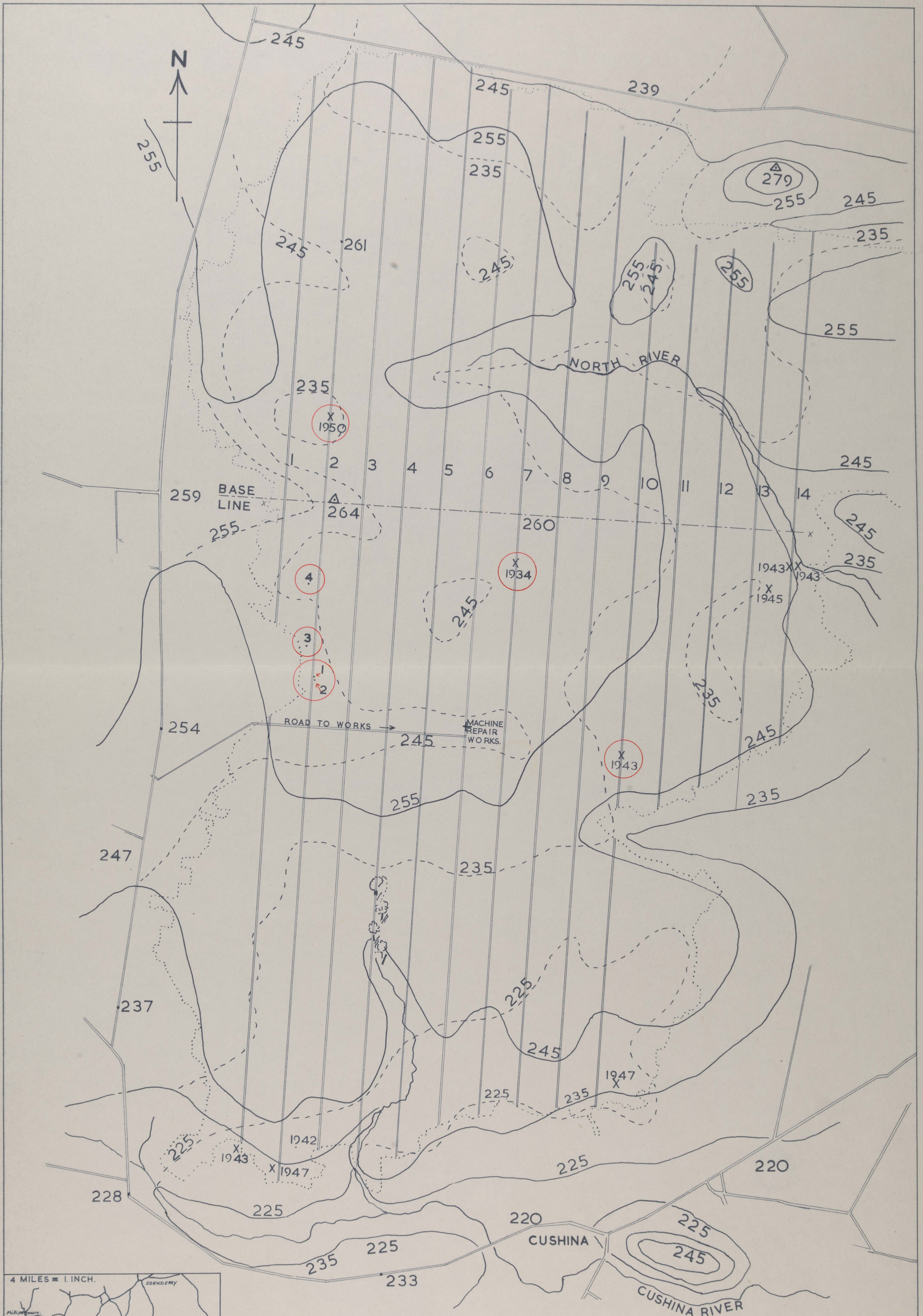


EVIDENCE OF FORMER TREE GROWTH AT CLONSAST

PART 2. DIAGRAMS

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3. DETAILED BORING 3 1956 - N.A.P. DIAGRAMS.
4. DETAILED BORING 2 1956 - A.P. DIAGRAMS.
5. DETAILED BORING 2 1956 - N.A.P. DIAGRAMS.
6. DETAILED BORING 1 1955 - A.P. DIAGRAMS.
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8. DETAILED PROFILE 1 1955 - A.P. DIAGRAMS.
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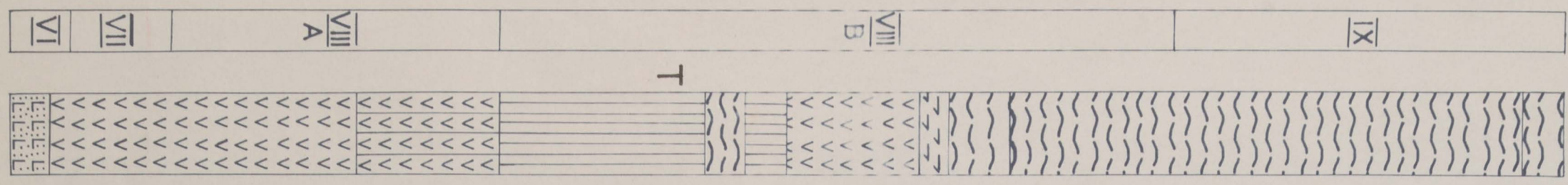


CLONSAST BOG
CO. OFFALY

CONTOURS ON SURFACE ———
 CONTOURS BELOW BOG - - - - -
 DRAINAGE TRENCHES ····· | 2
 PROPERTY BOUNDARY ·····
 PUBLIC ROADS ·····
 POLLEN PROFILES ····· X
 ALSO SEE TEXT.

CLONSAST

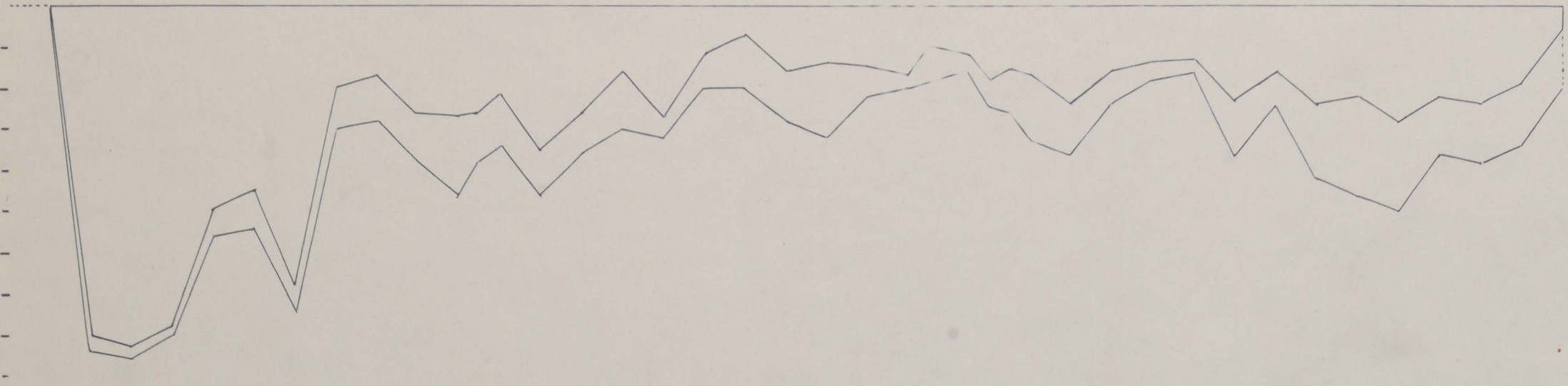
DB.3.1956.



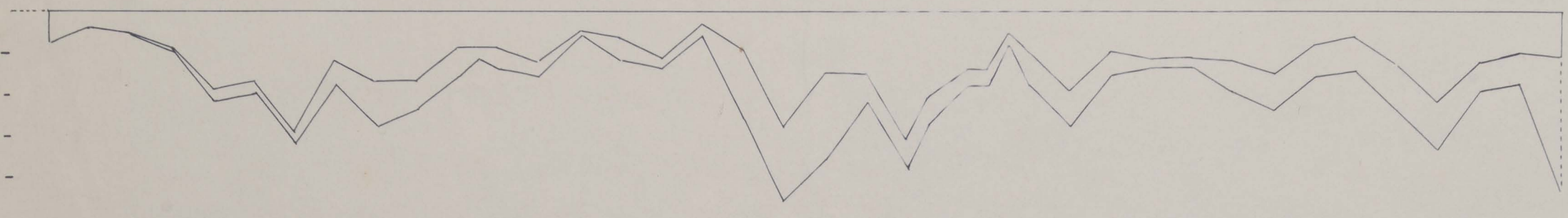
ZONE
STRATIGRAPHY

DEPTH CM.
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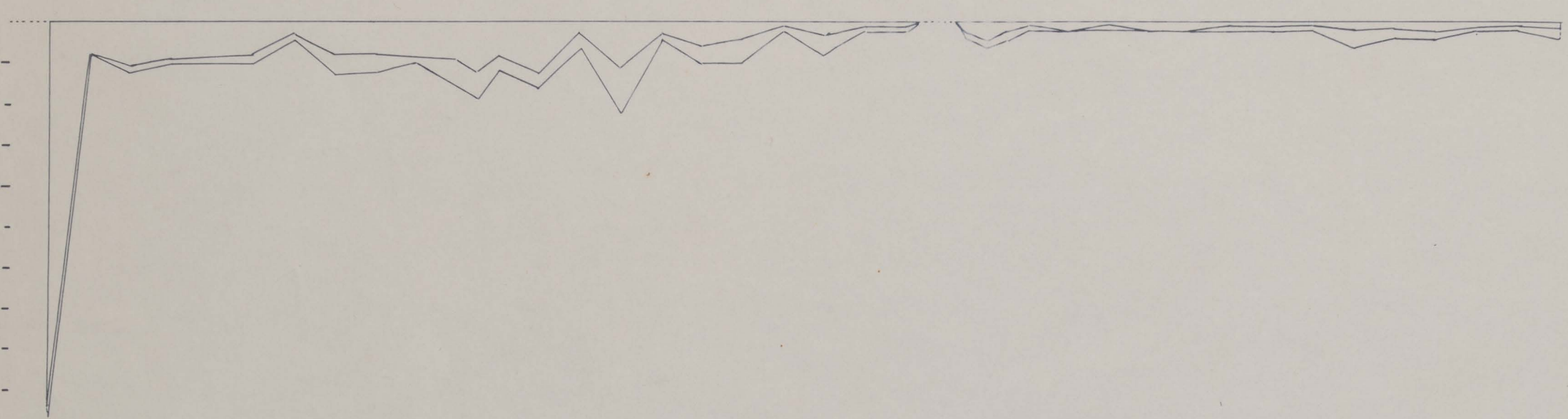
ALNUS



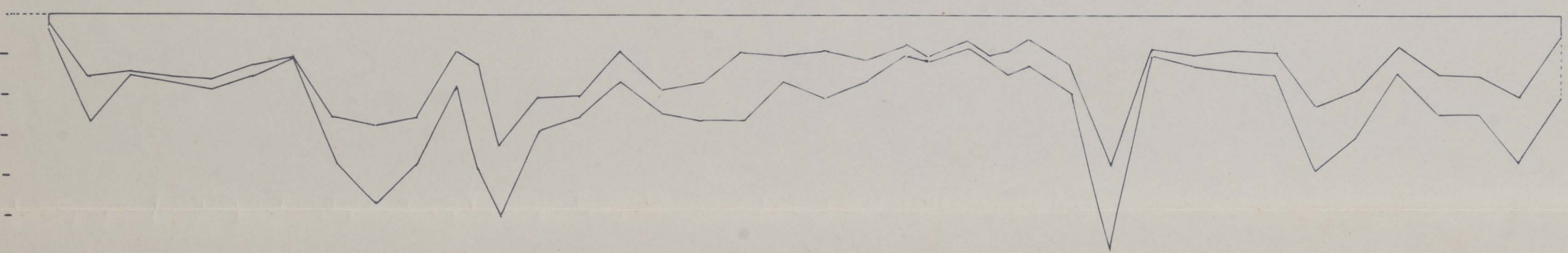
BETULA



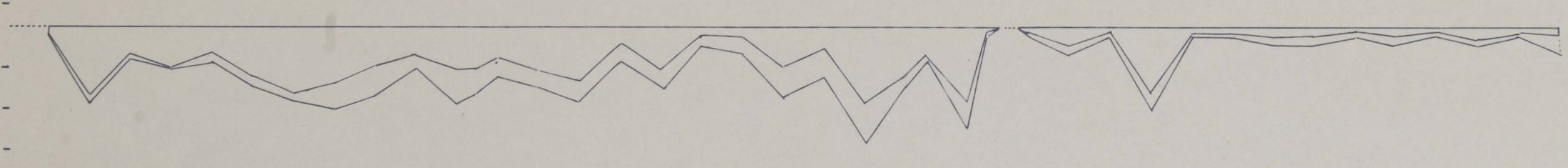
PINUS



QUERCUS



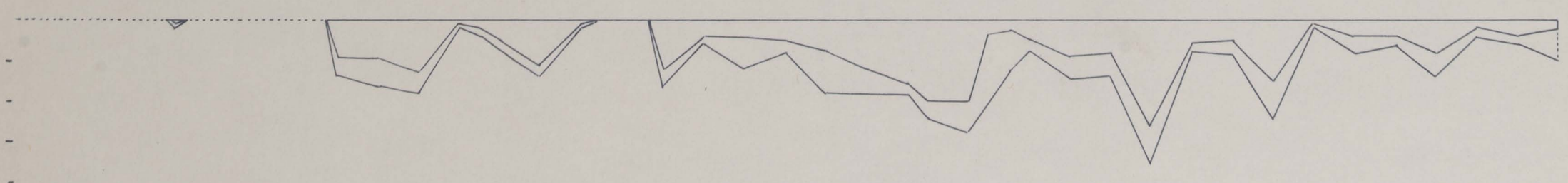
ULMUS



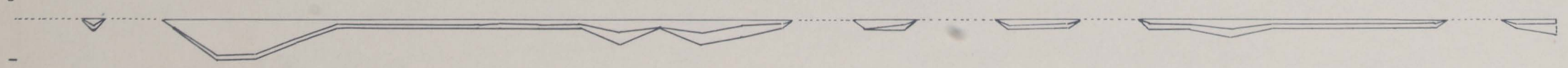
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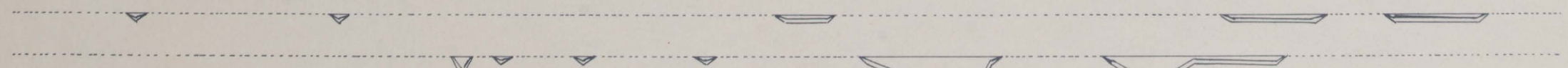
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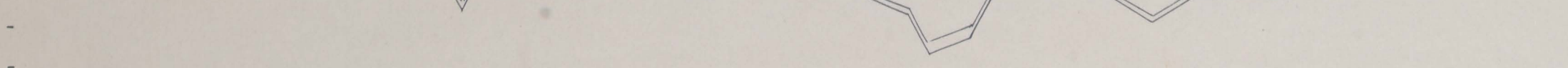
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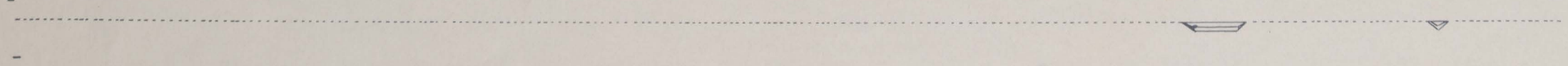
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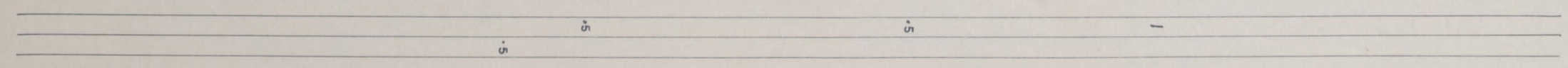
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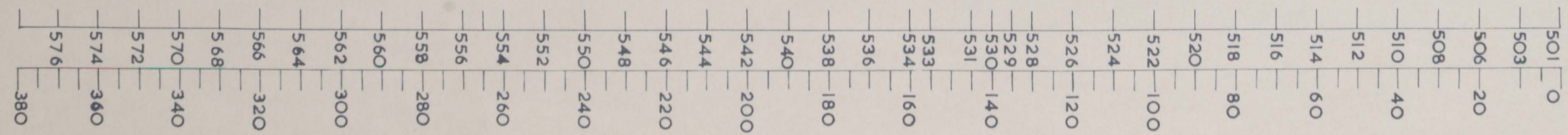
FAGUS



JUNIPERUS %
TILIA %

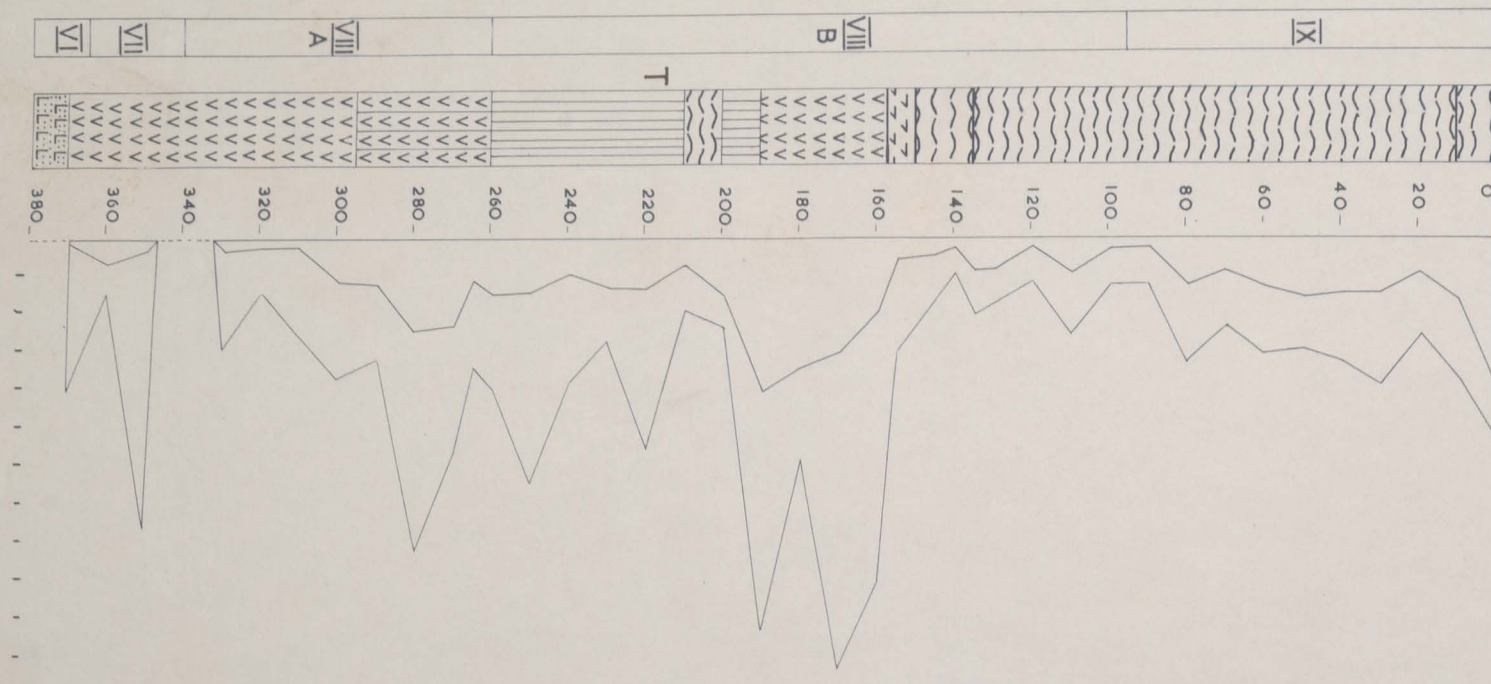


SAMPLE N^a
DEPTH - CM.



HORIZONTAL SCALE 0 5 10 15 20 25 PER-CENT

CLONSAST DB3, 1956

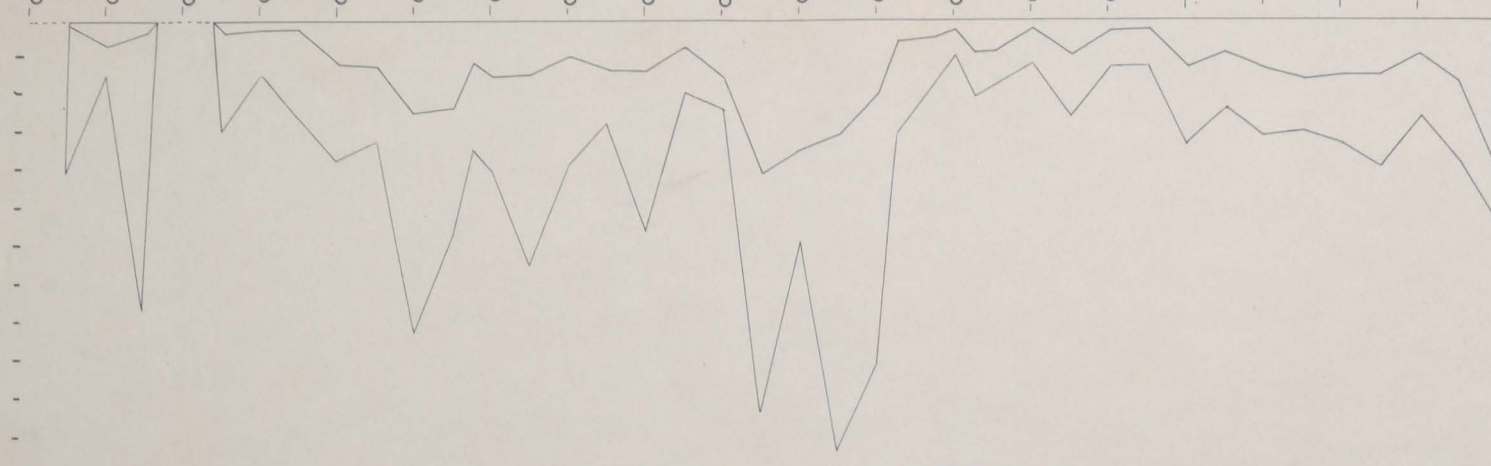


ZONE

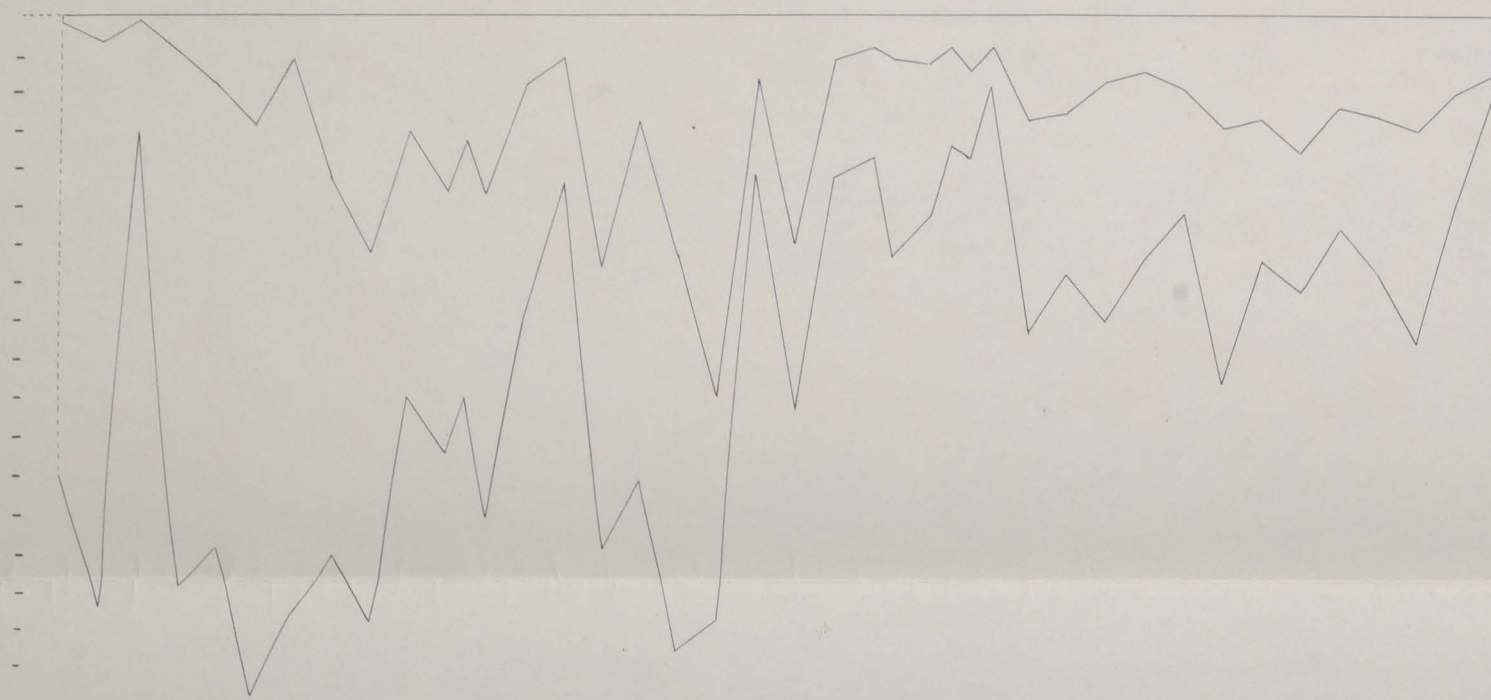
STRATIGRAPHY

DEPTH CM.

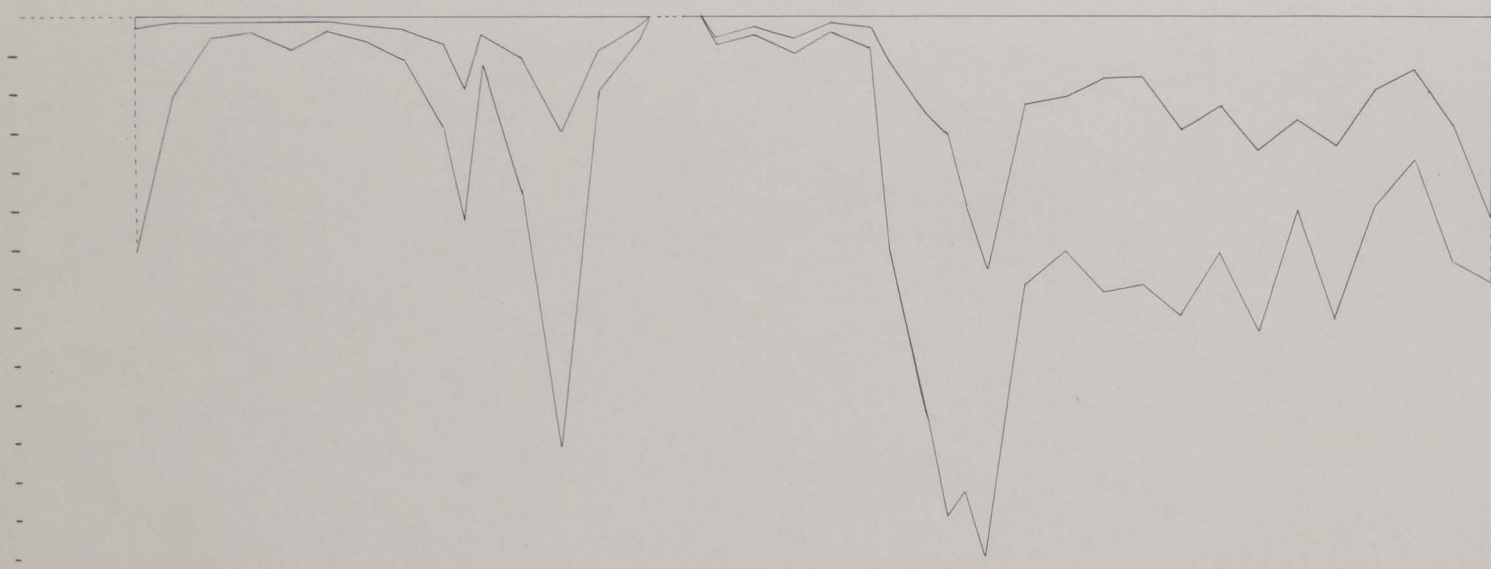
GRAMINEAE



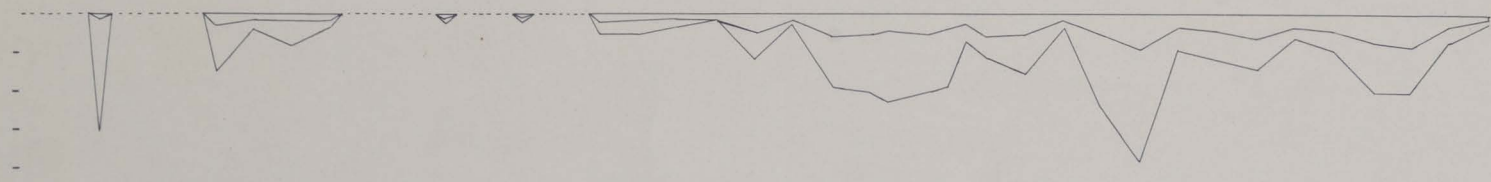
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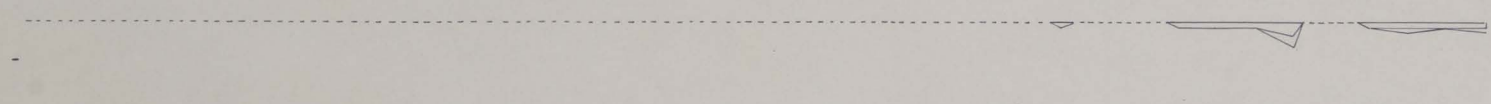
ERICACEAE



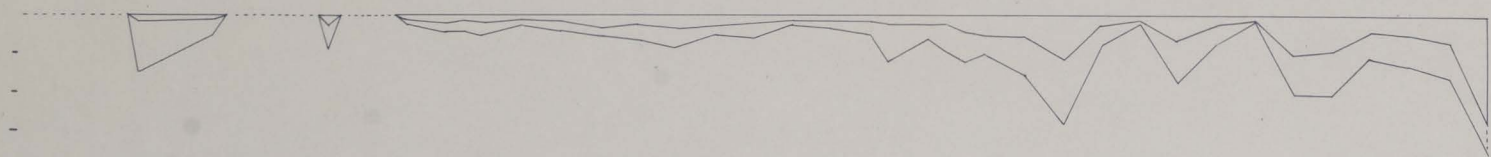
MYRICA



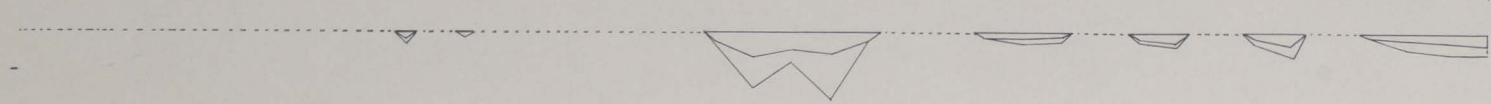
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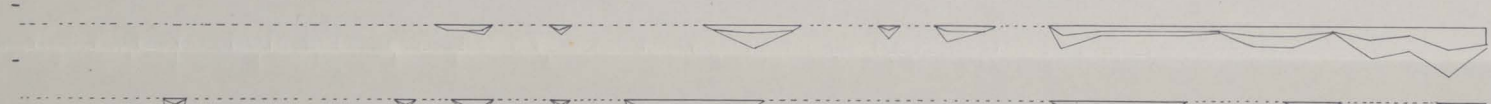
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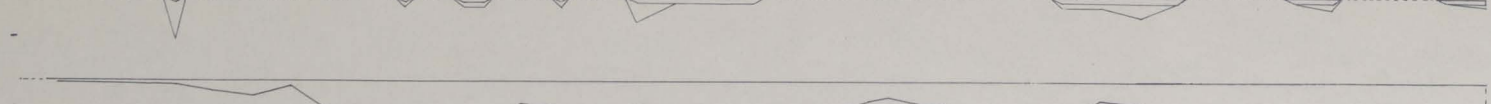
RUMEX SP.



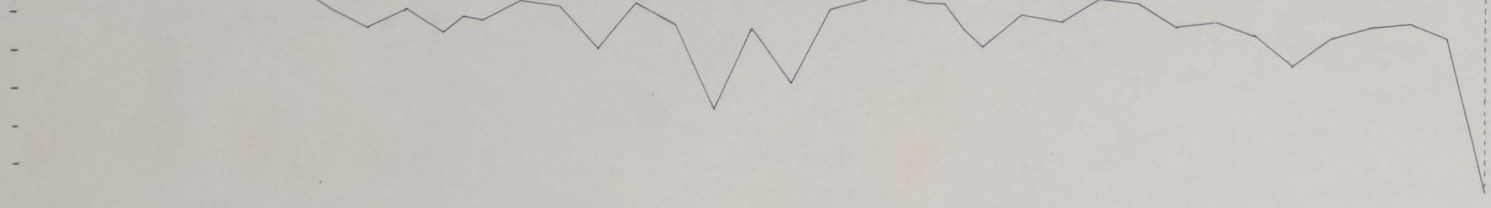
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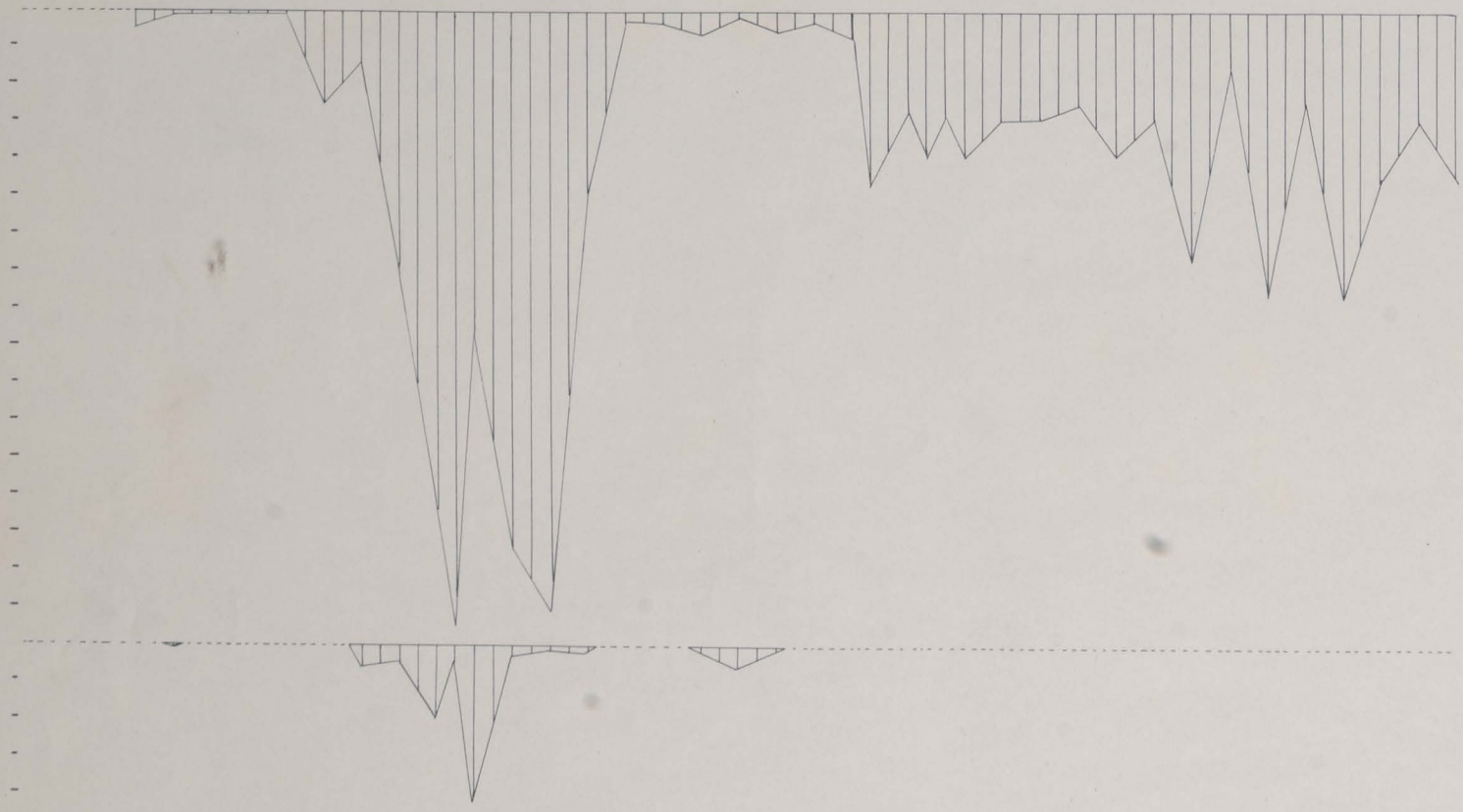
HEDERA



NAP X 10



SPHAGNUM SPORES



POTAMOGETON SP.



MENYANTHES POLYPODIUM SPORES



- UNIDENTIFIED NAP
- ROSACEAE
- CARYOPHYLLACEAE
- CHENOPODIACEAE
- COMPOSITAE
- CRUCIFERAE
- DIPSACACEAE
- SUCCISA PRATENSIS
- DROSERA SP.
- GALIUM SP.
- MELAMPYRUM SP.
- PLANTAGO SP.
- RANUNCULUS SP.
- UMBELLIFERAE

M NAP.

SAMPLE No.

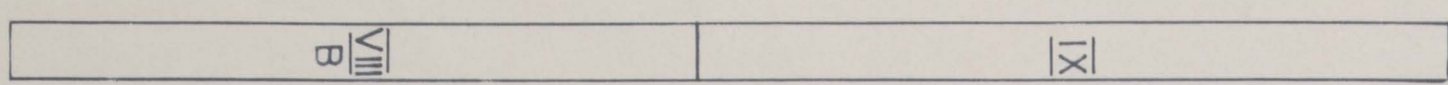
DEPTH CM.

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228	503	10
166	508	20
185	508	30
233	510	40
325	512	50
219	514	60
174	516	70
177	518	80
88	520	90
82	522	100
173	524	110
144	526	120
262	528	130
170	530	140
98	531	
67	533	155
82	534	160
125	536	170
403	538	180
197	540	190
510	542	200
185	554	210
91	546	220
270	548	230
105	550	240
84	552	250
164	554	260
152	555	
210	556	270
124	558	280
196	560	290
128	562	300
23	564	310
55	566	320
42	568	330
19	570	340
13	572	350
13	574	360
5	576	370
	578	380

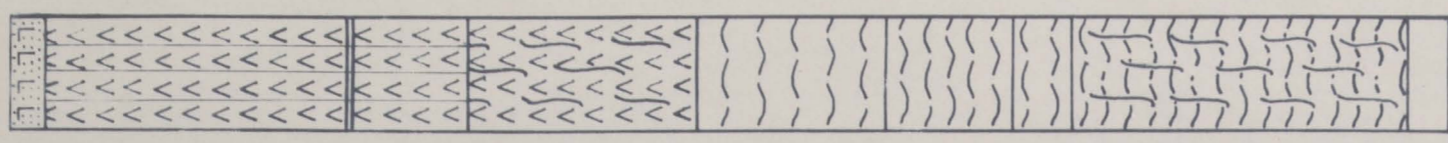
HORIZONTAL SCALE 0 5 10 15 20 25 30 35 40 45 50 PERCENT

CLONSAST

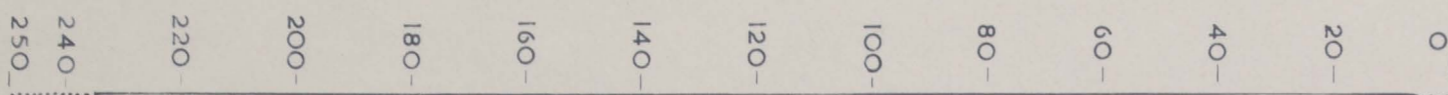
DB.2. 1956



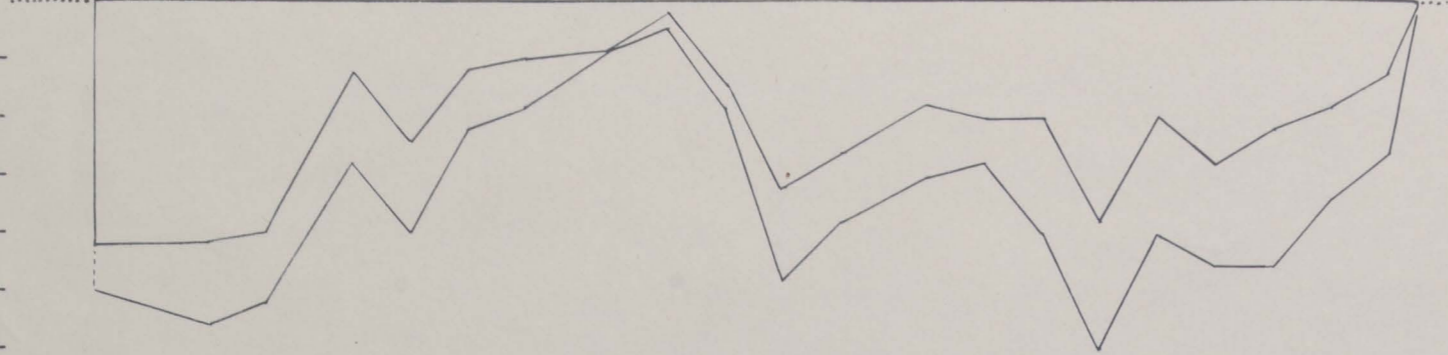
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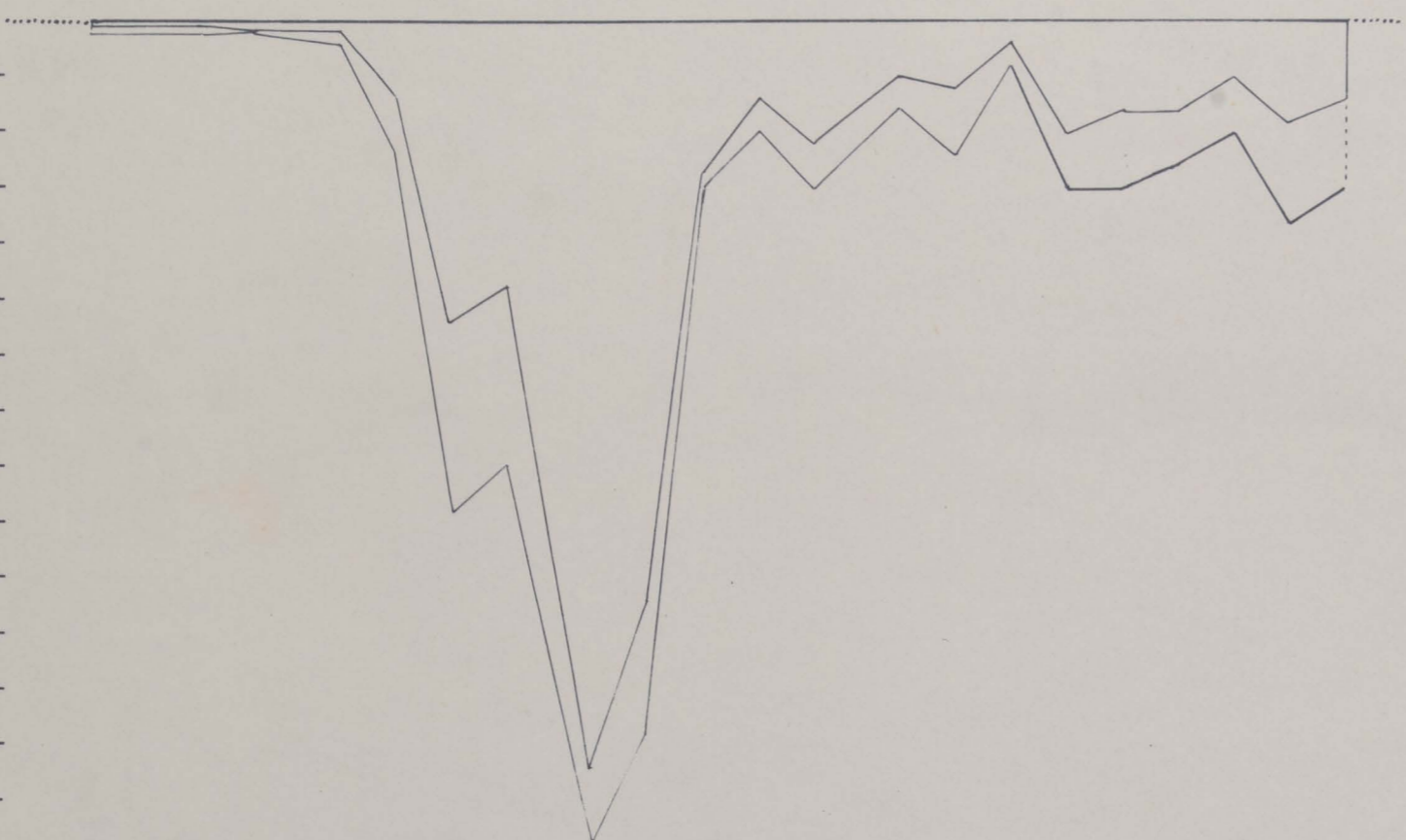
STRATIGRAPHY



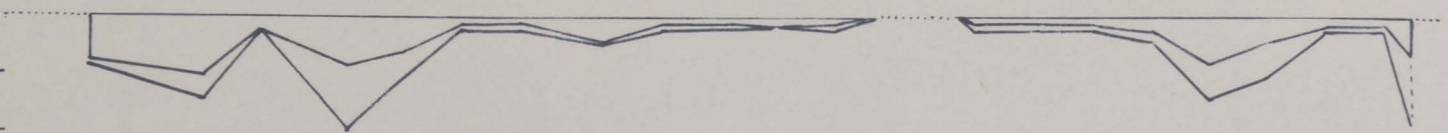
DEPTH CM.
ALNUS



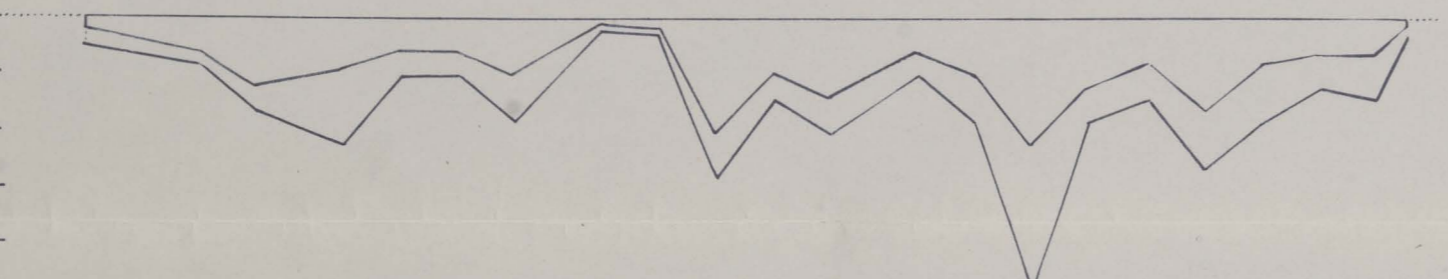
BETULA



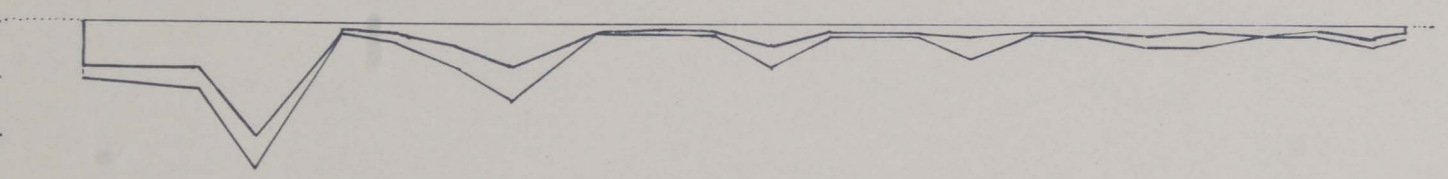
PINUS



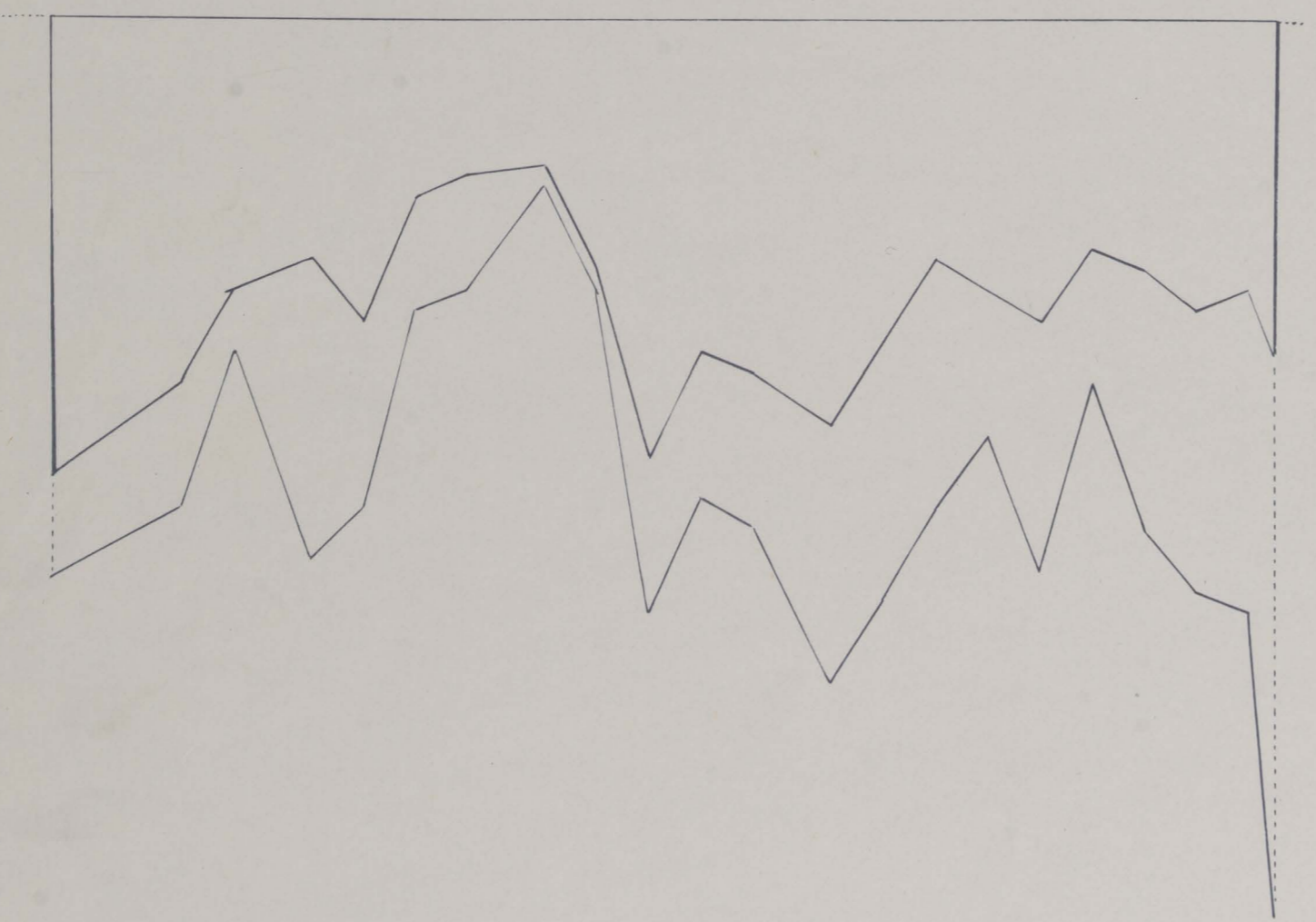
QUERCUS



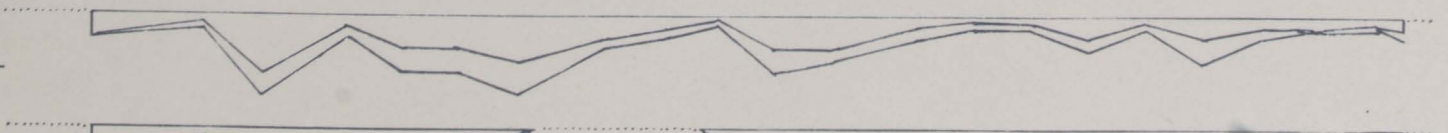
ULMUS



CORYLUS



FRAXINUS



SALIX



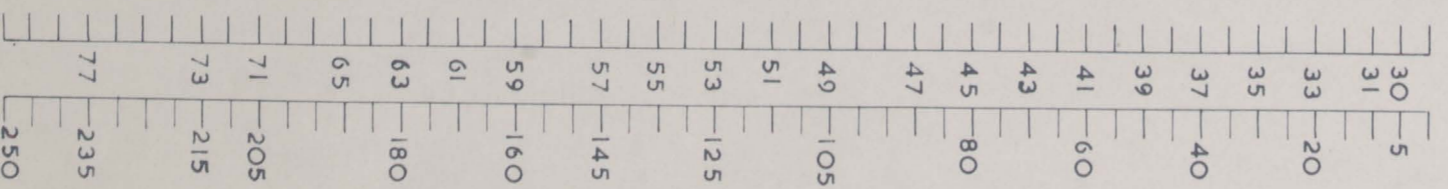
ILEX
TAXUS



FAGUS
EUONYMUS

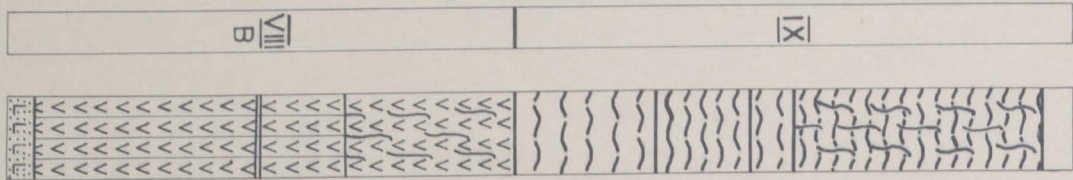


SAMPLE N°
DEPTH CM.



HORIZONTAL SCALE 0 5 10 15 20 25 30 35 40 45 50 PER-CENT

CLONSAST DB.2. 1956

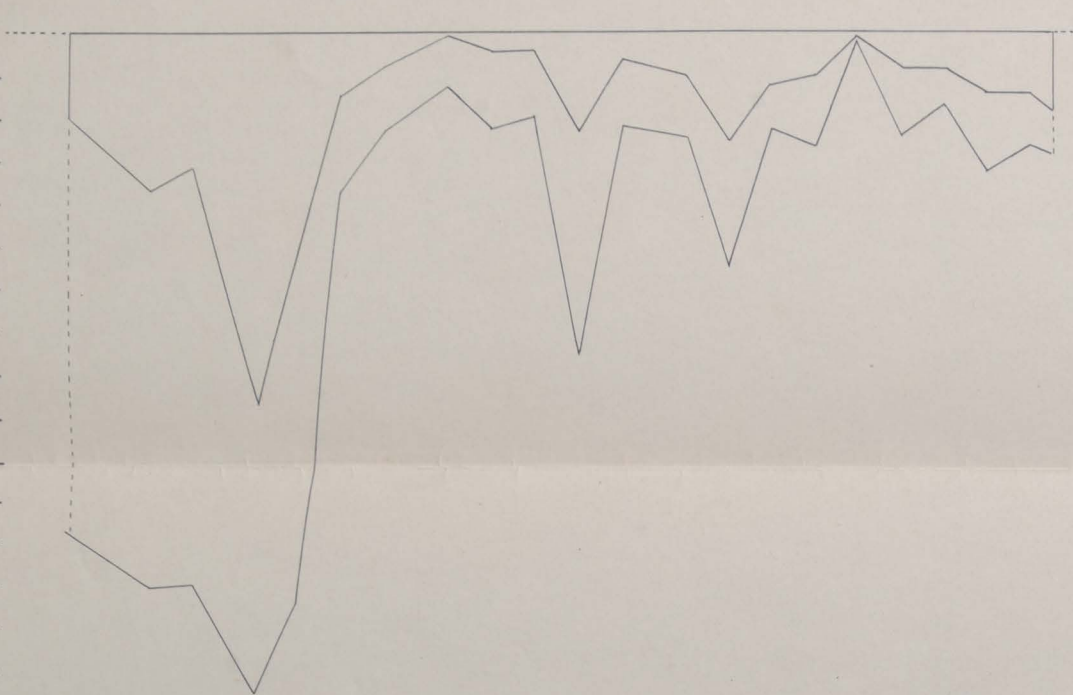


ZONE
STRATIGRAPHY

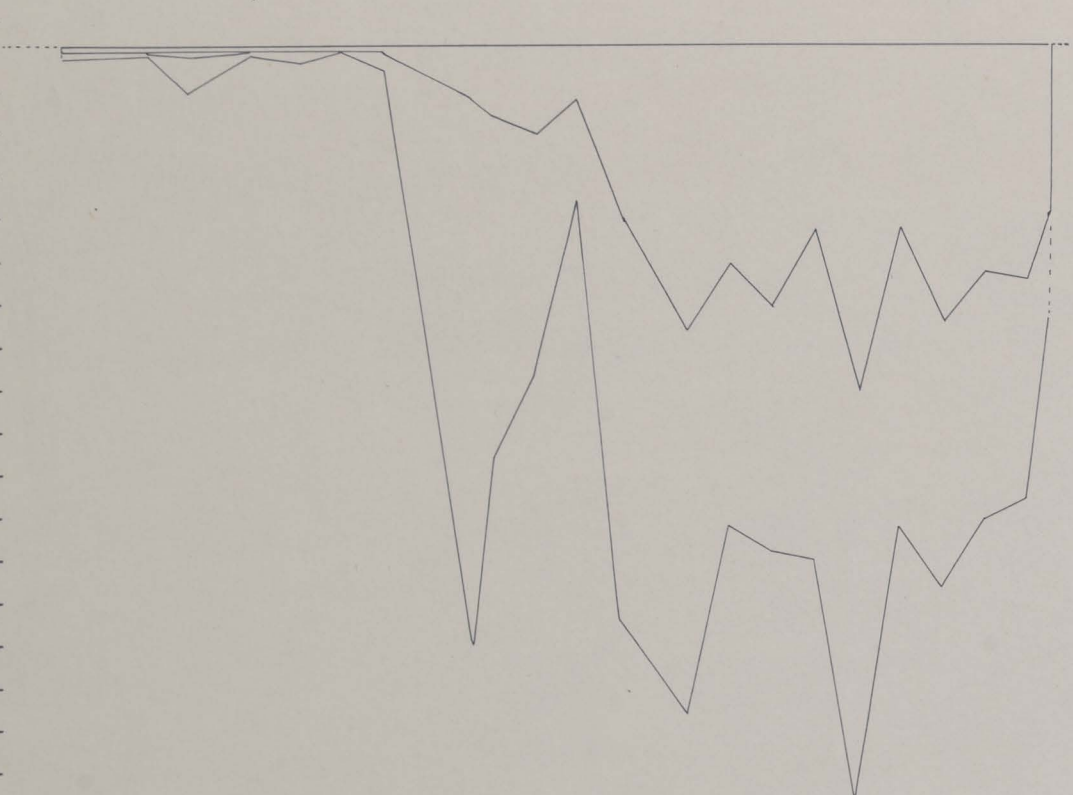
DEPTH CM.
0 20 40 60 80 100 120 140 160 180 200 220 240 250



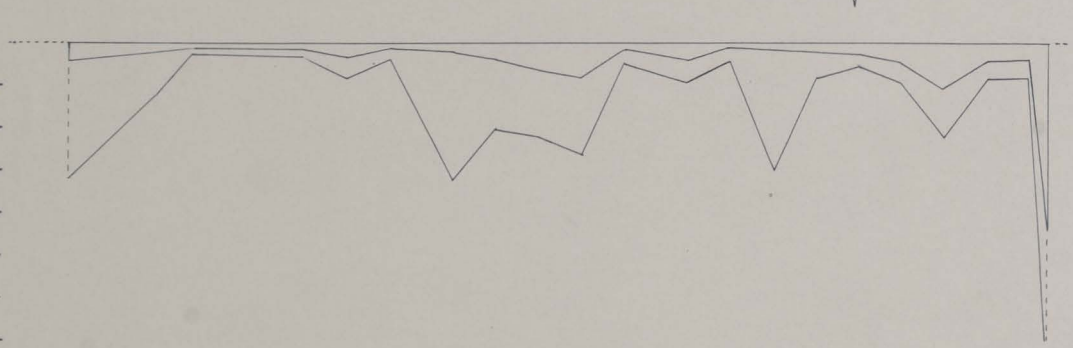
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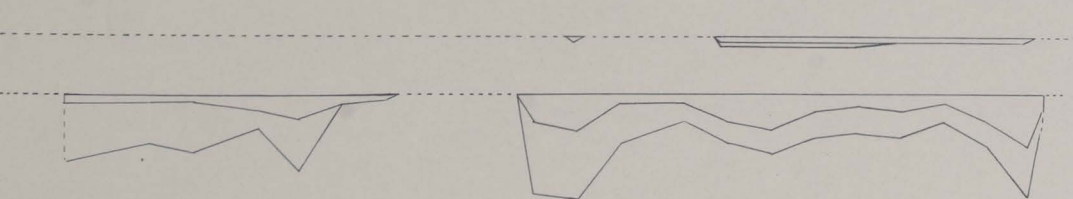
CYPERACEAE



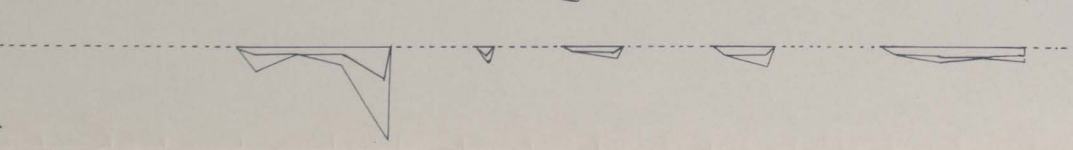
ERICACEAE



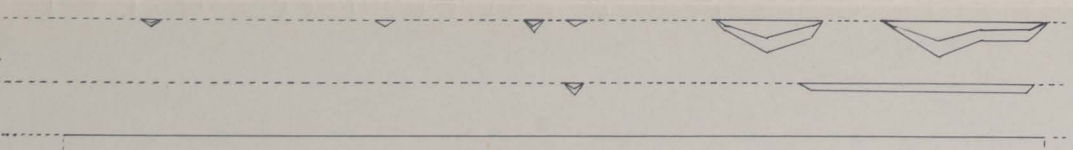
MYRICA



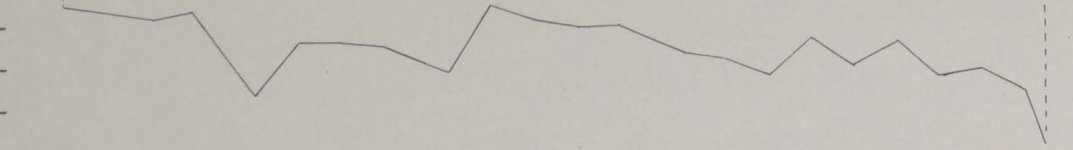
ARTEMISIA
P. LANCEOLATA



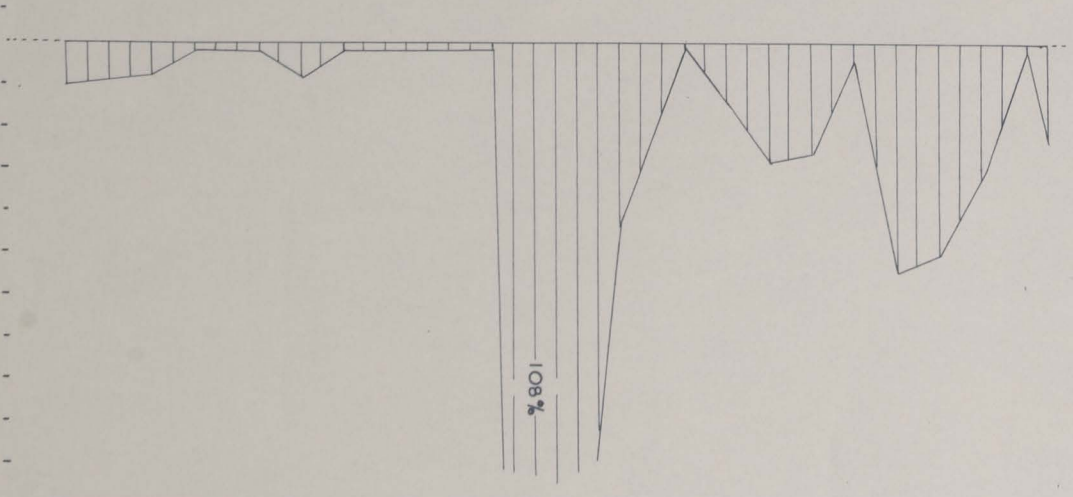
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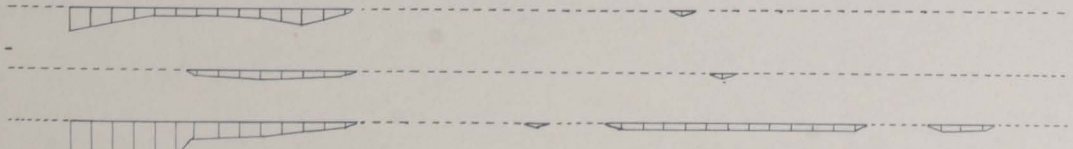
CEREALIA



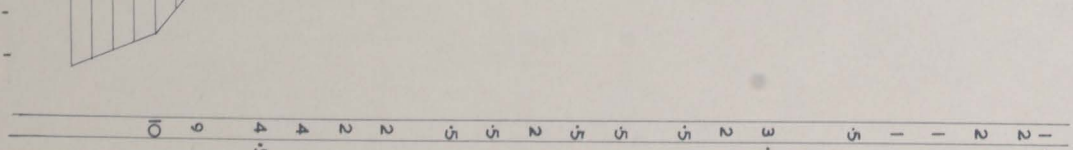
HEDERA



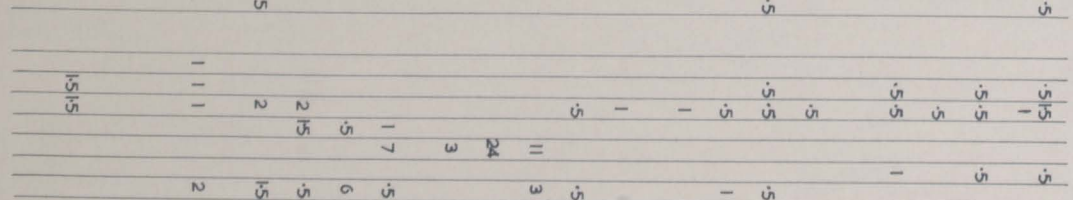
SPHAGNUM SPORES



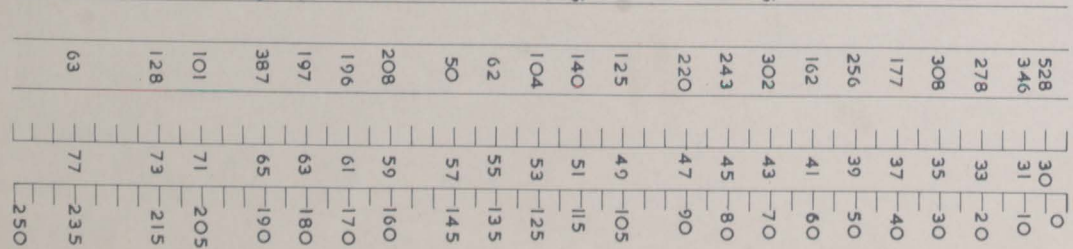
POTAMOGETON SP.



MENYANTHES



POLYPODIUM SPORES



UNIDENTIFIED NAP.
ROSACEAE



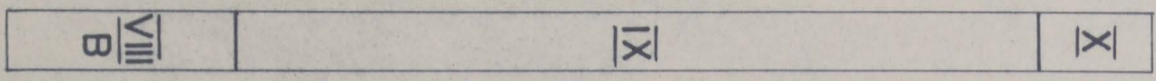
CARYOPHYLLACEAE
CHENOPODIA CEAE
COMPOSITAE
GALIUM SP
MELAMPYRUM SP
PLANTAGO SP
RANUNCULACEAE

HORIZONTAL SCALE 0 5 10 15 20 25 30 35 40 45 50 PERCENT

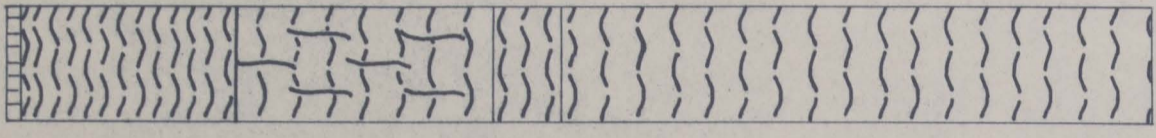
M NAP.
SAMPLE N°
DEPTH CM.

528	30
346	31
278	10
308	33
177	20
256	39
162	37
302	40
243	30
220	41
47	60
40	70
51	80
140	90
104	40
53	105
62	115
57	125
50	135
59	145
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73	
77	
63	

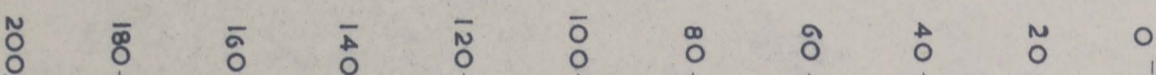
CLONSAST DB. I. 1955



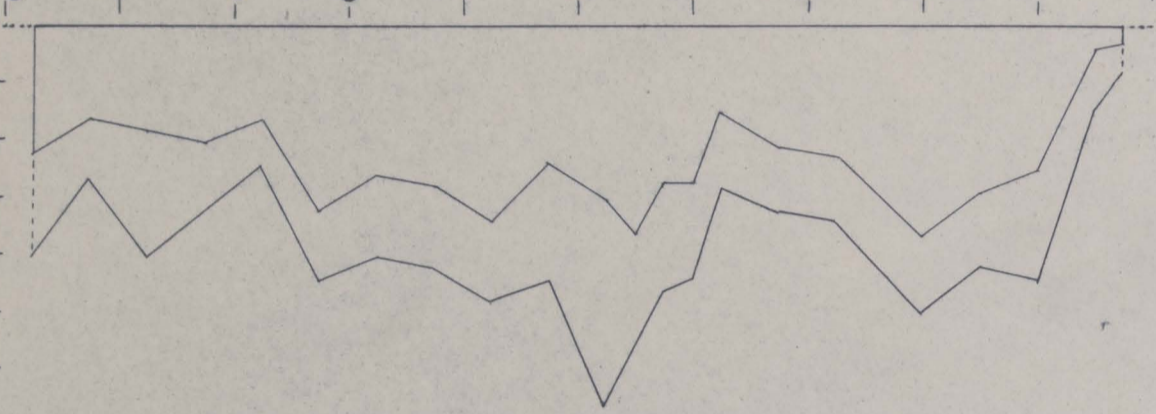
ZONE



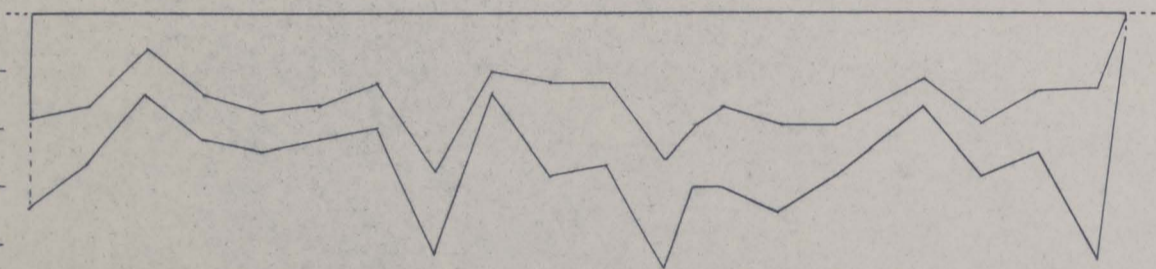
STRATIGRAPHY



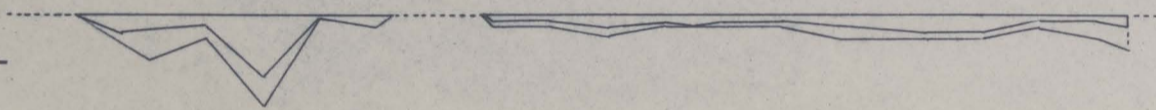
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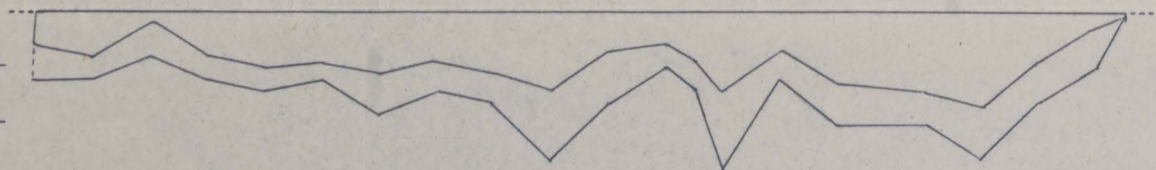
ALNUS



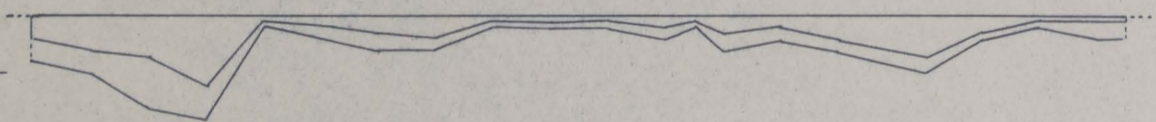
BETULA



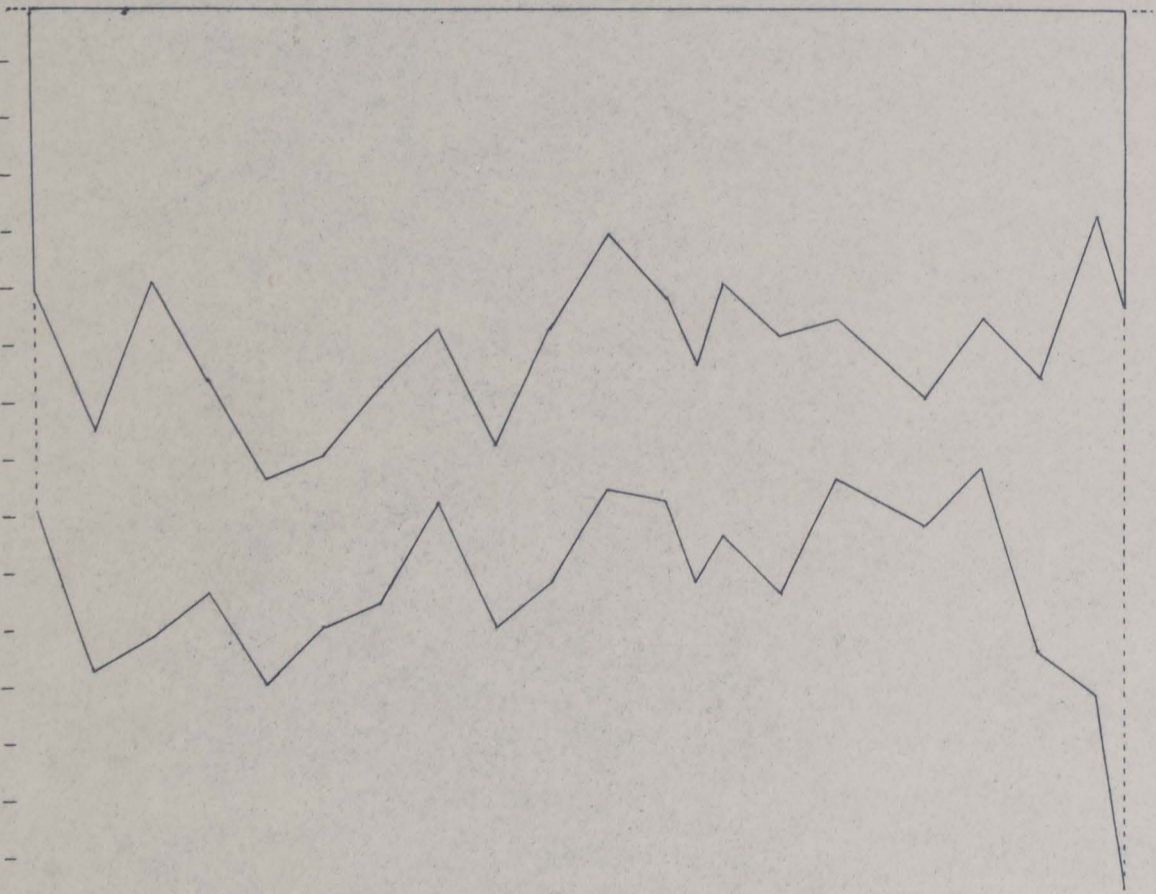
PINUS



QUERCUS



ULMUS



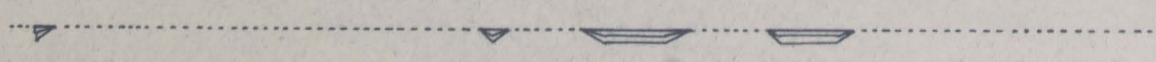
CORYLUS



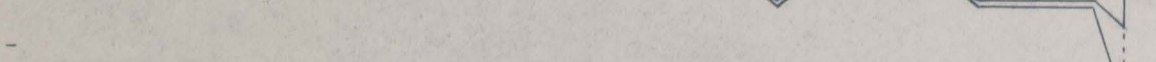
FRAXINUS



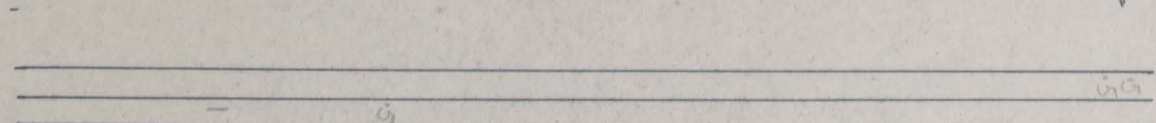
SALIX



ILEX

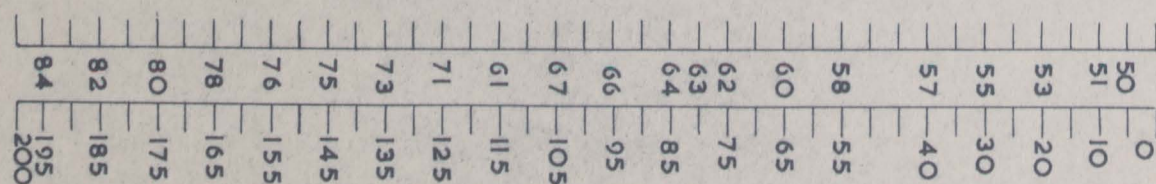


PICEA



FAGUS
TAXUS

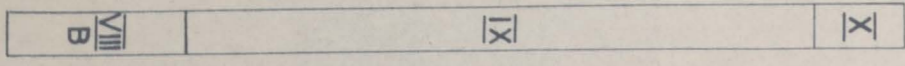
HORIZONTAL SCALE 0 5 10 15 20 25 30 35 40 45 50 PER-CENT



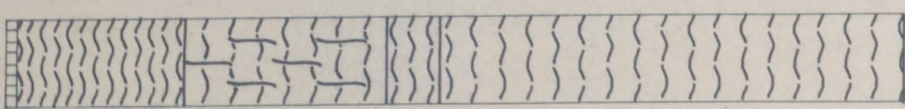
SAMPLE No.

DEPTH CM.

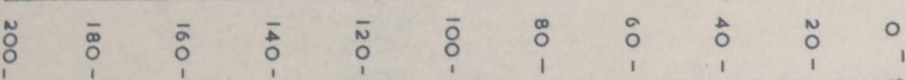
CLONSAST DB I. 1955



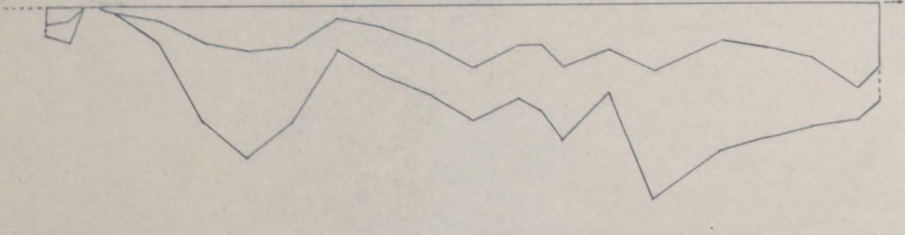
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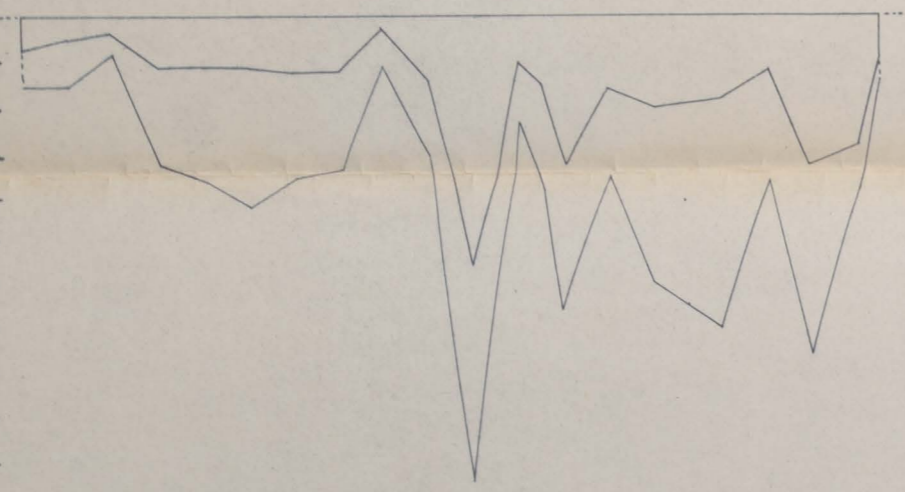
STRATIGRAPHY



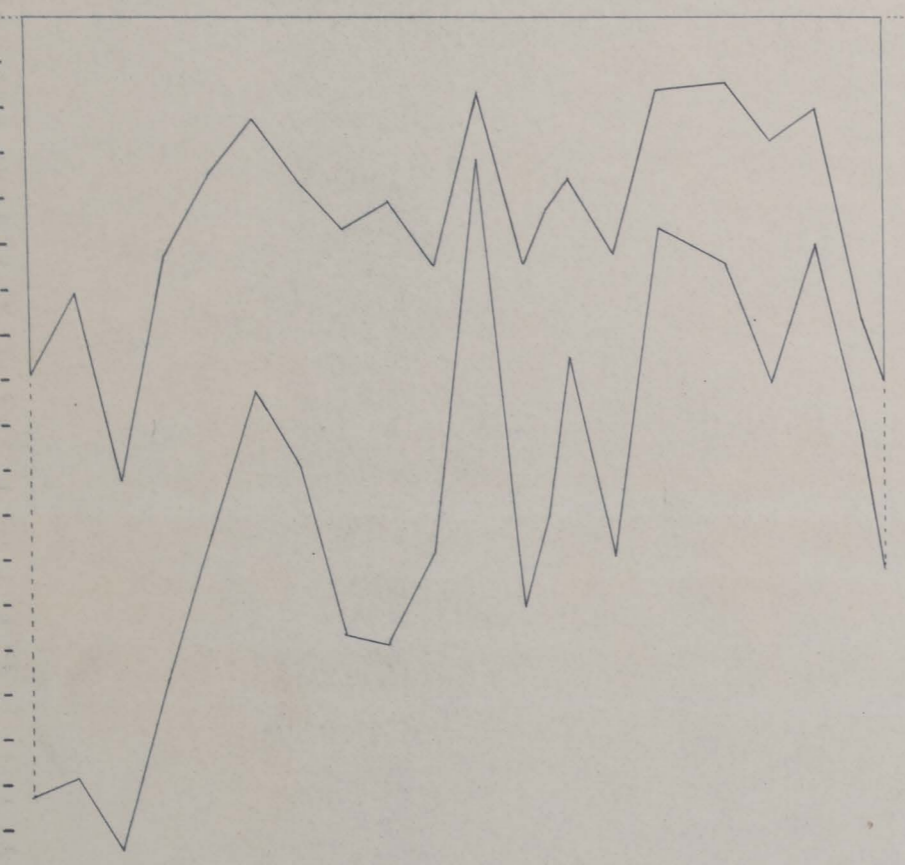
DEPTH CM.



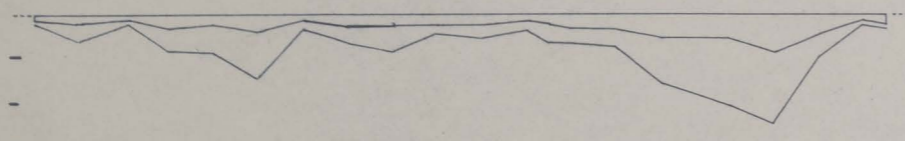
GRAMINEAE



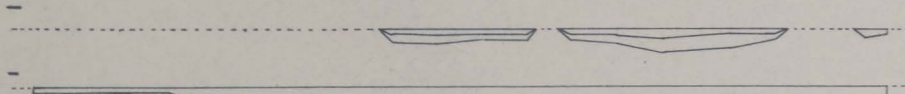
CYPERACEAE



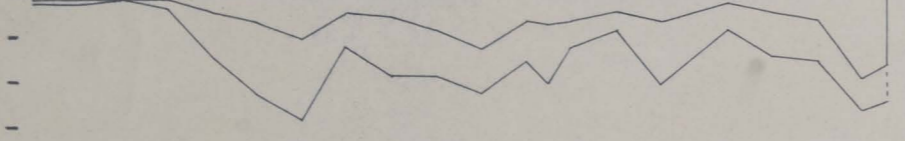
ERICACEAE



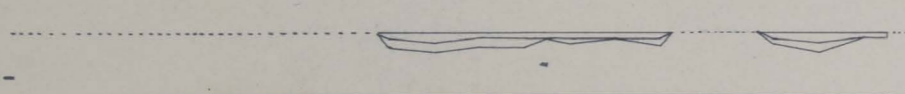
MYRICA



ARTEMISIA



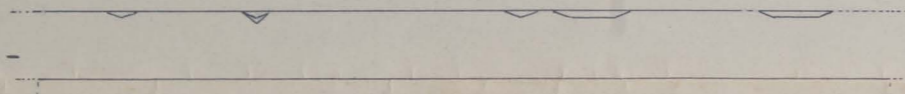
P. LANCEOLATA



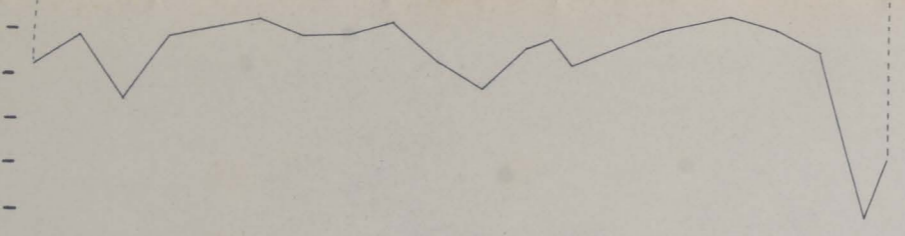
RUMEX SP.



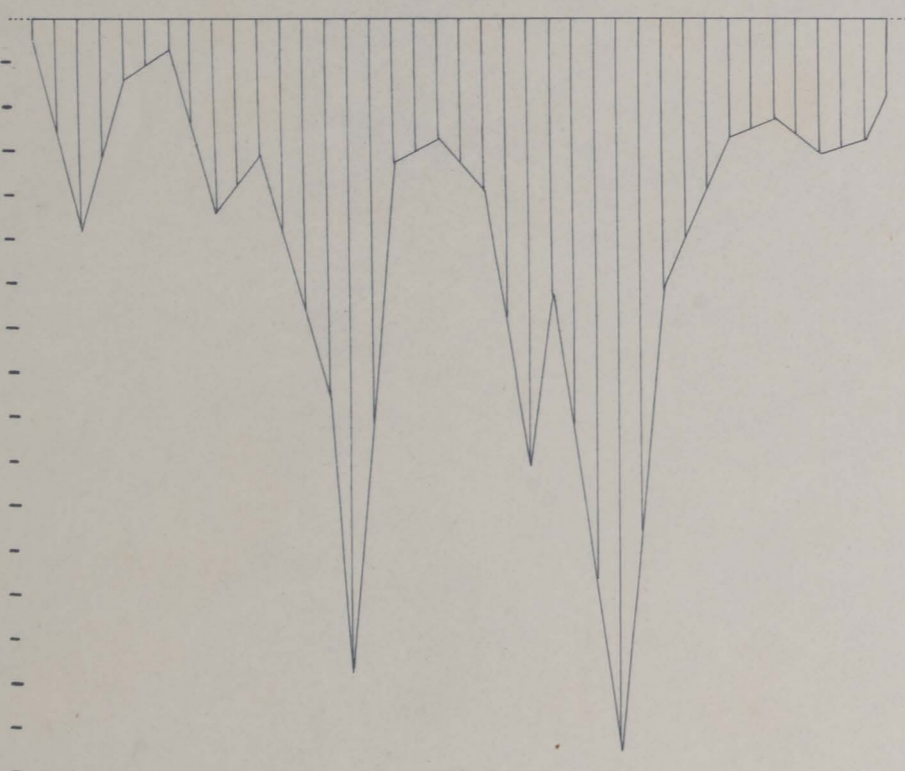
CEREALIA



HEDERA



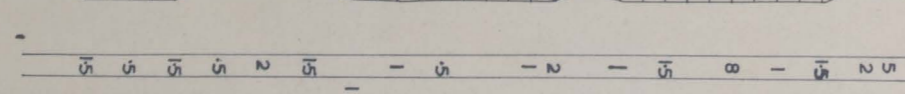
NAP
AP X10



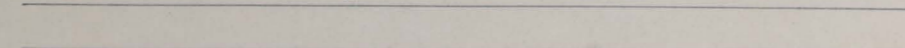
SPHAGNUM SPORES



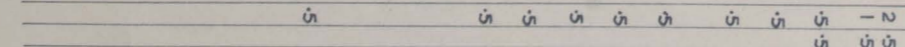
POTAMOGETON SP.



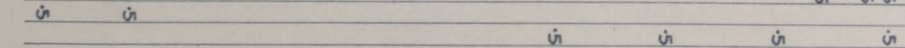
POLYPODIUM SPORES



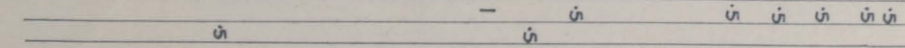
UNIDENTIFIED NAP.



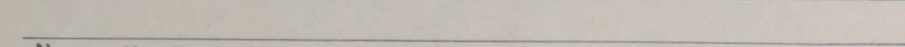
ROSACEAE



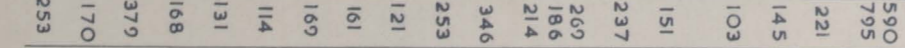
COMPOSITAE



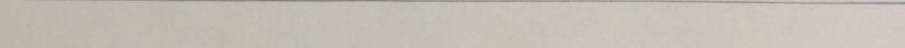
CHENOPODIACEAE



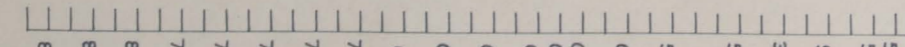
MELAMPYRUM SP.



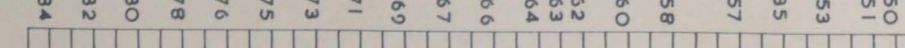
PLANTAGO SP.



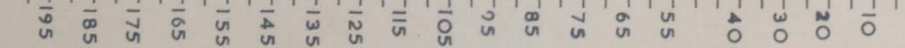
RANUNCULACEAE



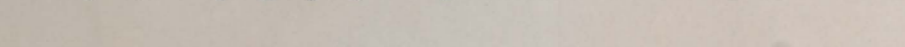
RUBIACEAE



M NAP.

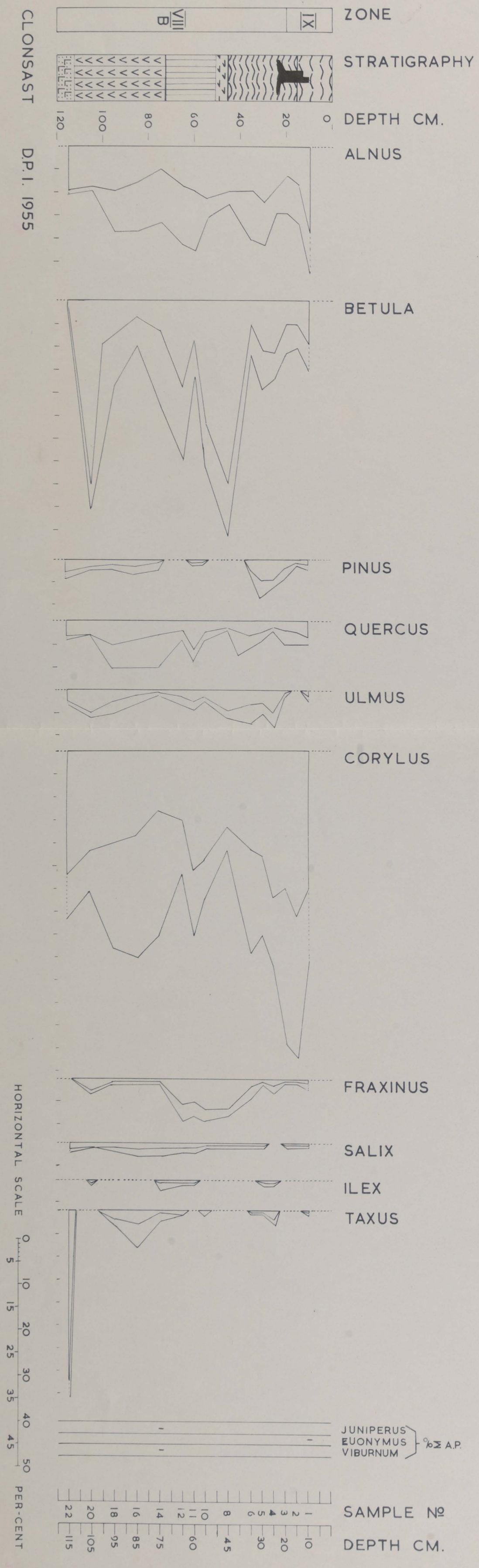


SAMPLE NO.

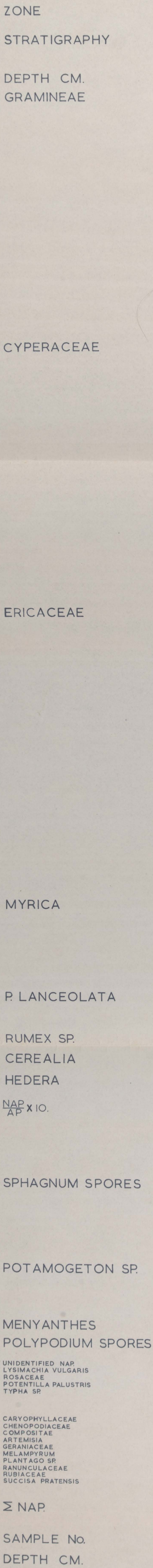
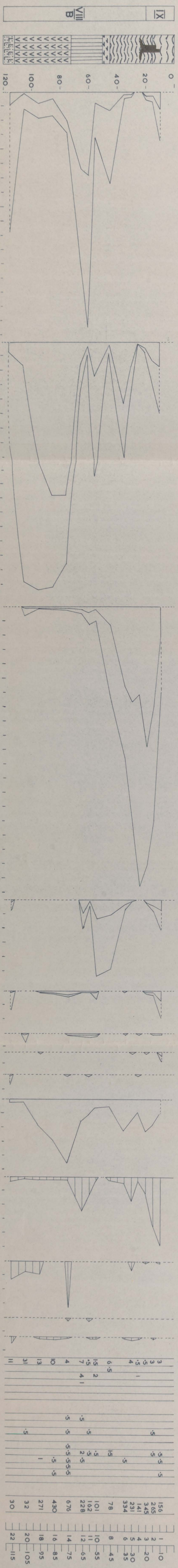


DEPTH CM.

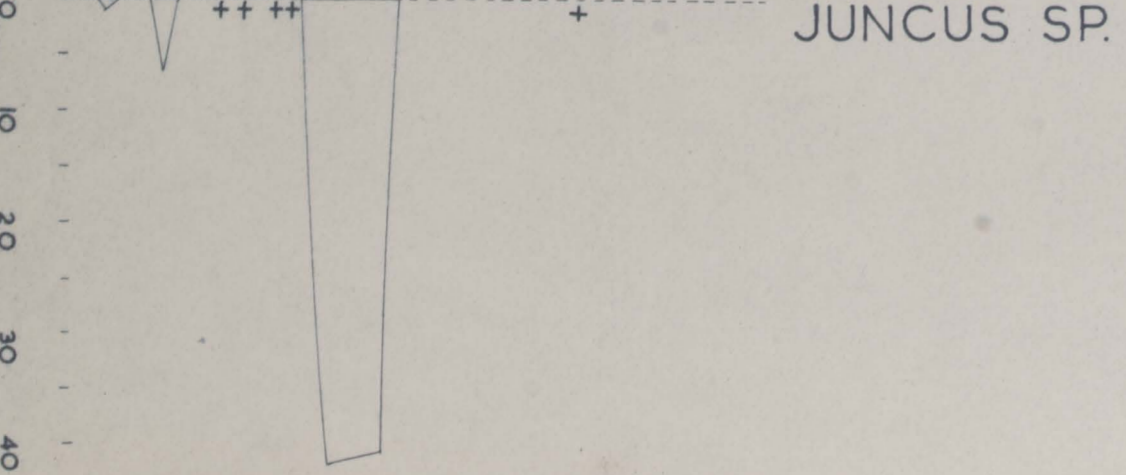
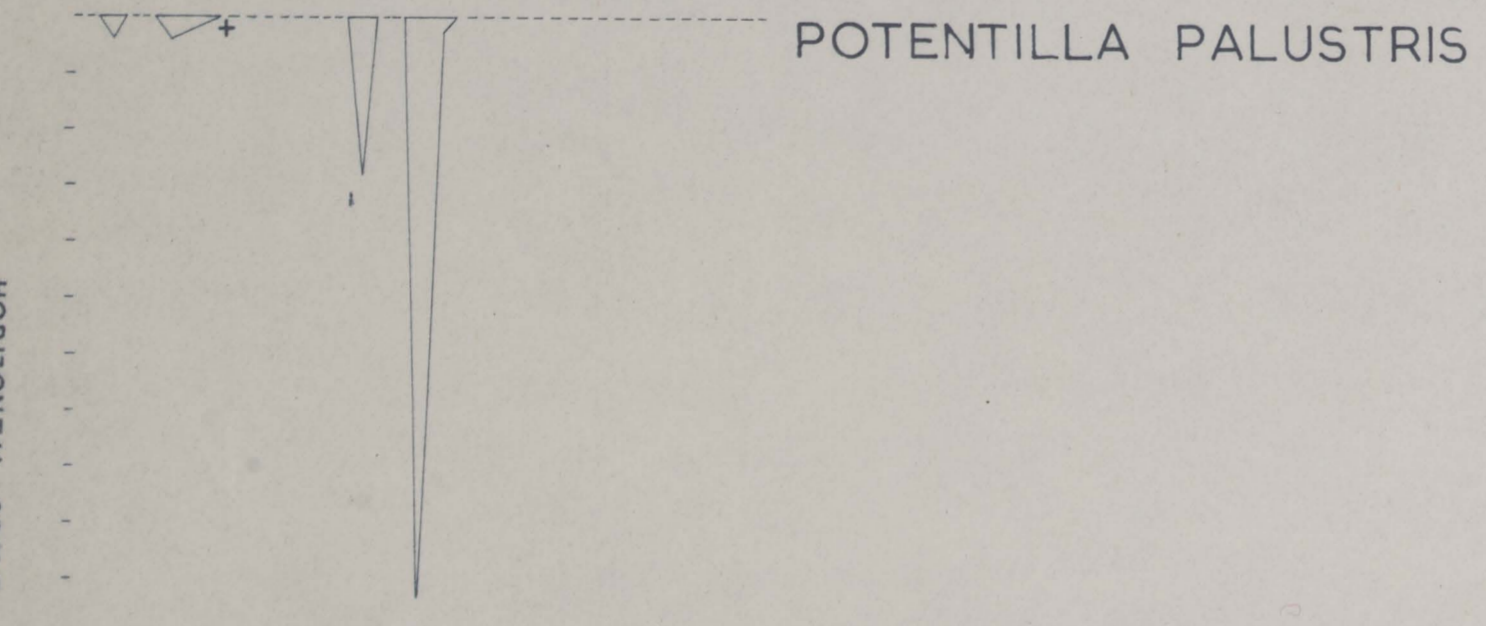
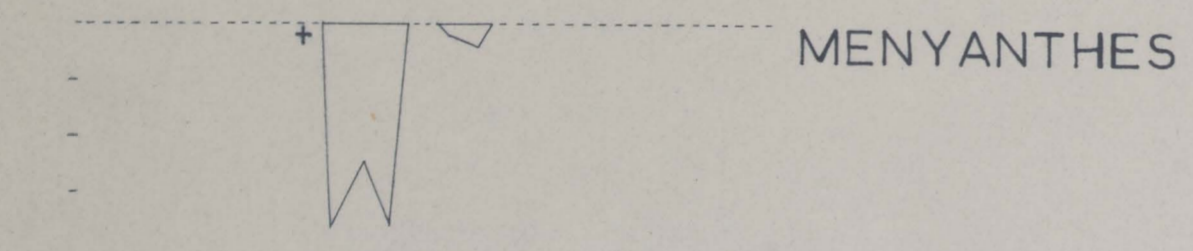
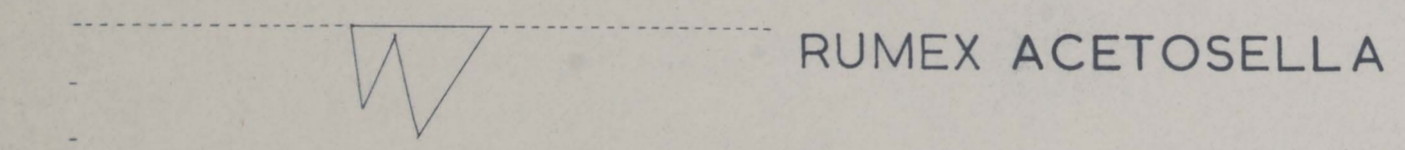
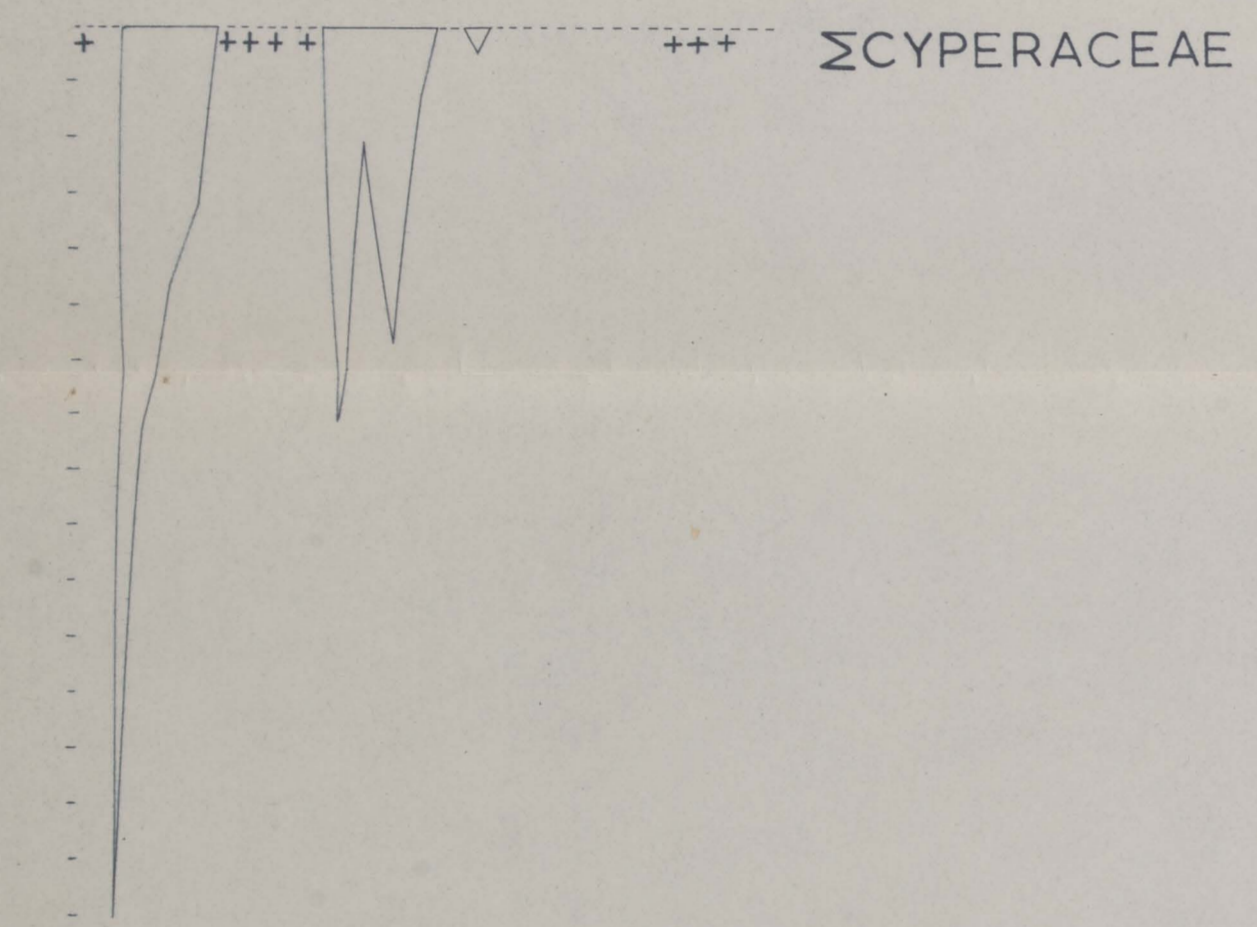
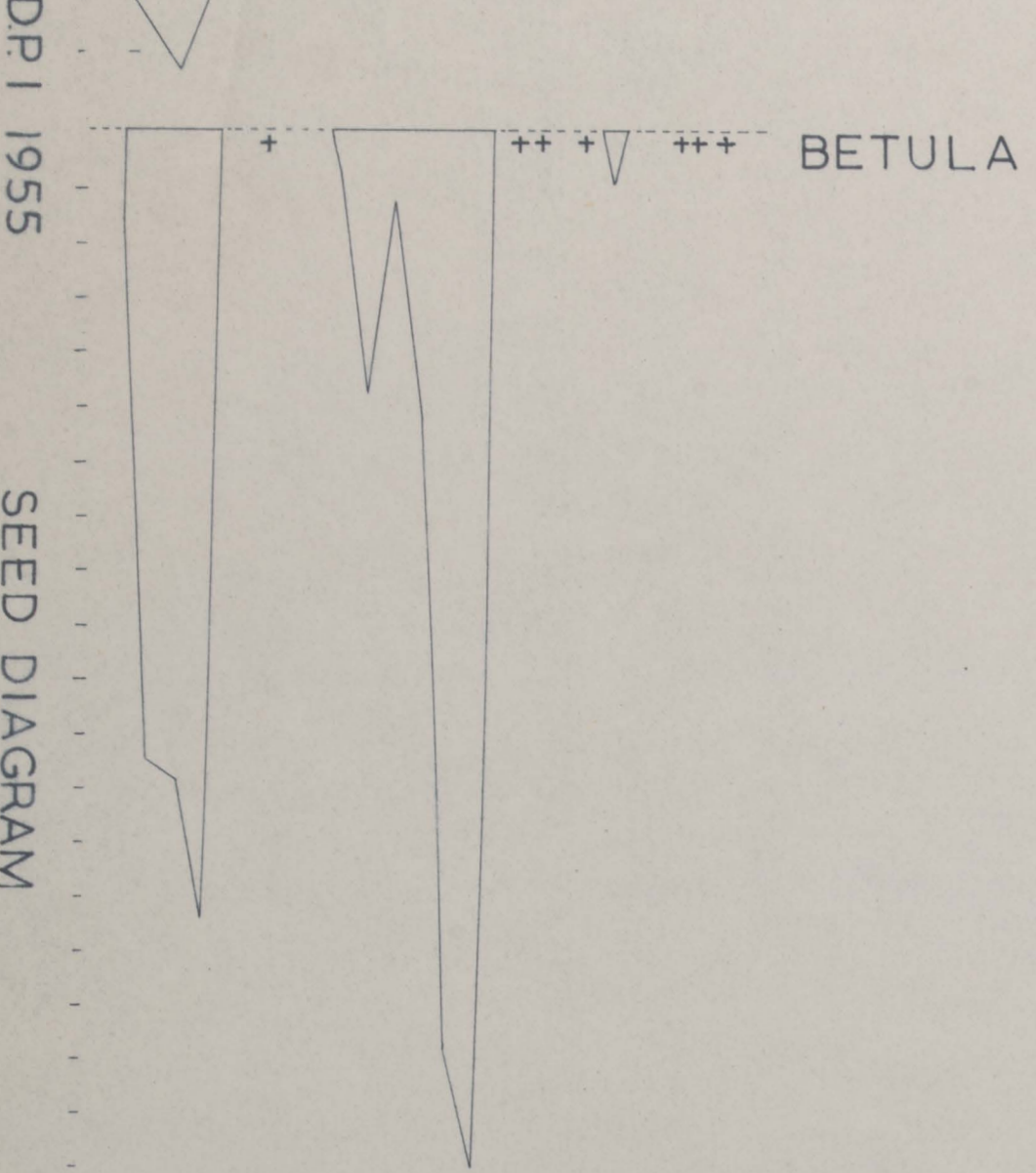
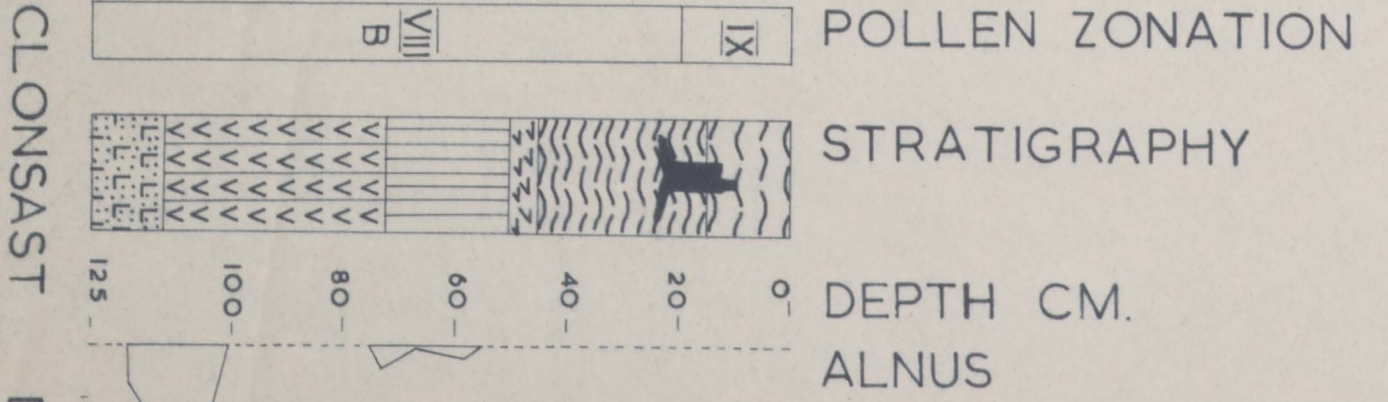
HORIZONTAL SCALE 0 5 10 15 20 25 30 35 40 45 50 PER-CENT



CLONSAST DP I. 1955



HORIZONTAL SCALE 0 5 10 15 20 25 30 35 40 45 50 PER-CENT



HORIZONTAL SCALE

PER-CENT

14	XXIV
15	XXIII
33	XXII
135	XXI
12	XX
24	XIX
11	XVIII
18	XVII
253	VI
70	V
197	IV
165	III
129	II
305	I
8	XI
4	X
5	IX
23	VIII
134	VII
124	VI
158	V
122	IV
6	III
	II
	I
	0

Σ SEEDS (SEE TABLE ALSO)

SAMPLE NO.

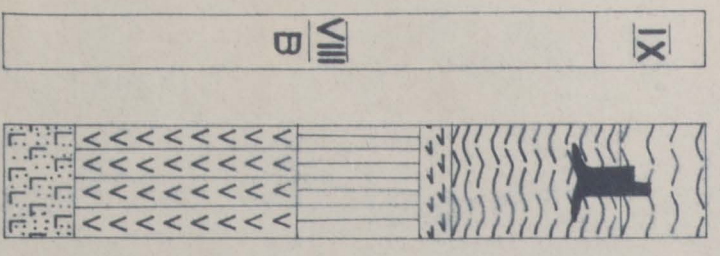
DEPTH CM.

ABBREVIATIONS USED IN TABLE.

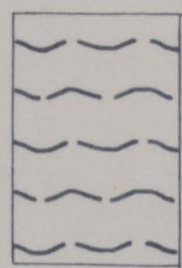
- NUMBERS INDICATE TOTAL SEEDS OR FRUITS FOUND.
 B=BUD OR BUD SCALE.
 Ba=BARK.
 Co=CONE OR CATKIN.
 FI=FLOWER (INCLUDING CATKIN SCALES OF BETULA SP.)
 L=LEAF.
 P=PERIANTH OR PERIANTH SEGMENT.
 R=WOODY ROOTS AND STEMS.
 S=SEED UNCERTAIN.
 Sh=SHOOTS AND RHIZOMES.
 T=THORN.
 U=UTRICLE.
 W=WOOD.
 X=UNSPECIFIED REMAINS.
 ?=UNCERTAIN IDENTIFICATION

CLONSAST D.P.I. 1955 TABLE OF WASHING-SAMPLE FINDS

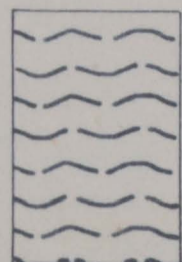
DEPTH CM.	SAMPLE NO.	UNIDENTIFIED	VIOLACEAE	TYPHACEAE	ROSACEAE	RANUNCULACEAE	POTAMOGETONACEAE	POLYGONACEAE	PINACEAE	OLEACEAE	MENYANTHACEAE	LABIATAE	JUNCACEAE	GRAMINEAE	FAGACEAE	EMPETRACEAE	ERICACEAE - UNIDENTIFIED	OXYCOCCUS PALUSTRIS	ERICA TETRALIX	ERICACEAE	RHYNCHOSPORA CF. ALBA	ERIOPHORUM SP.	CLADIUM	CYPERACEAE	CORYLACEAE	CARYOPHYLLACEAE	BETULACEAE	AQUIFOLIACEAE	DEPTH CM.
0	XXIV																												0
10	XXIII																												10
20	XXII																												20
30	XXI																												30
40	XX																												40
50	XIX																												50
60	XVIII																												60
70	XVII																												70
80	XVI																												80
90	XV																												90
100	XIV																												100
110	XIII																												110
120	XII																												120



KEY TO STRATIGRAPHY



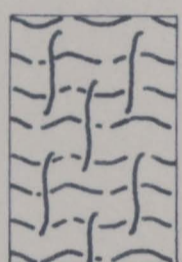
SPHAGNUM PEAT H. 0-3



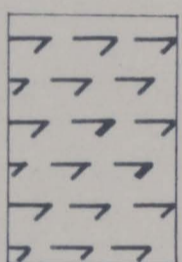
SPHAGNUM PEAT H. 4-6



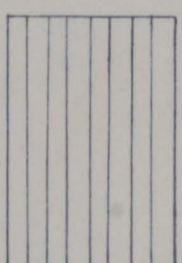
SPHAGNUM PEAT H. 7-10



SPHAGNUM PEAT WITH ERIOPHORUM



OXYCOCCUS PALUSTRIS PEAT



PHRAGMITES PEAT



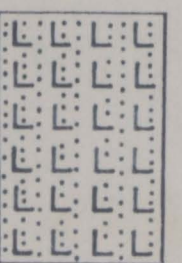
WOOD PEAT



WOOD PEAT WITH PHRAGMITES



WOOD PEAT WITH ERIOPHORUM



SANDY CLAY