A contribution to the vegetation history of upper Teesdale

Squires, Roderick Hugh.

A CONTRIBUTION TO THE VEGETATIONAL HISTORY OF UPPER TEESDALE

By

RODERICK HUGH SQUIRES, B.A. (Dunelm)
(Hatfield College)

Thesis presented for the Degree of Doctor of Philosophy in the Faculty of Science in the University of Durham.

March, 1970.

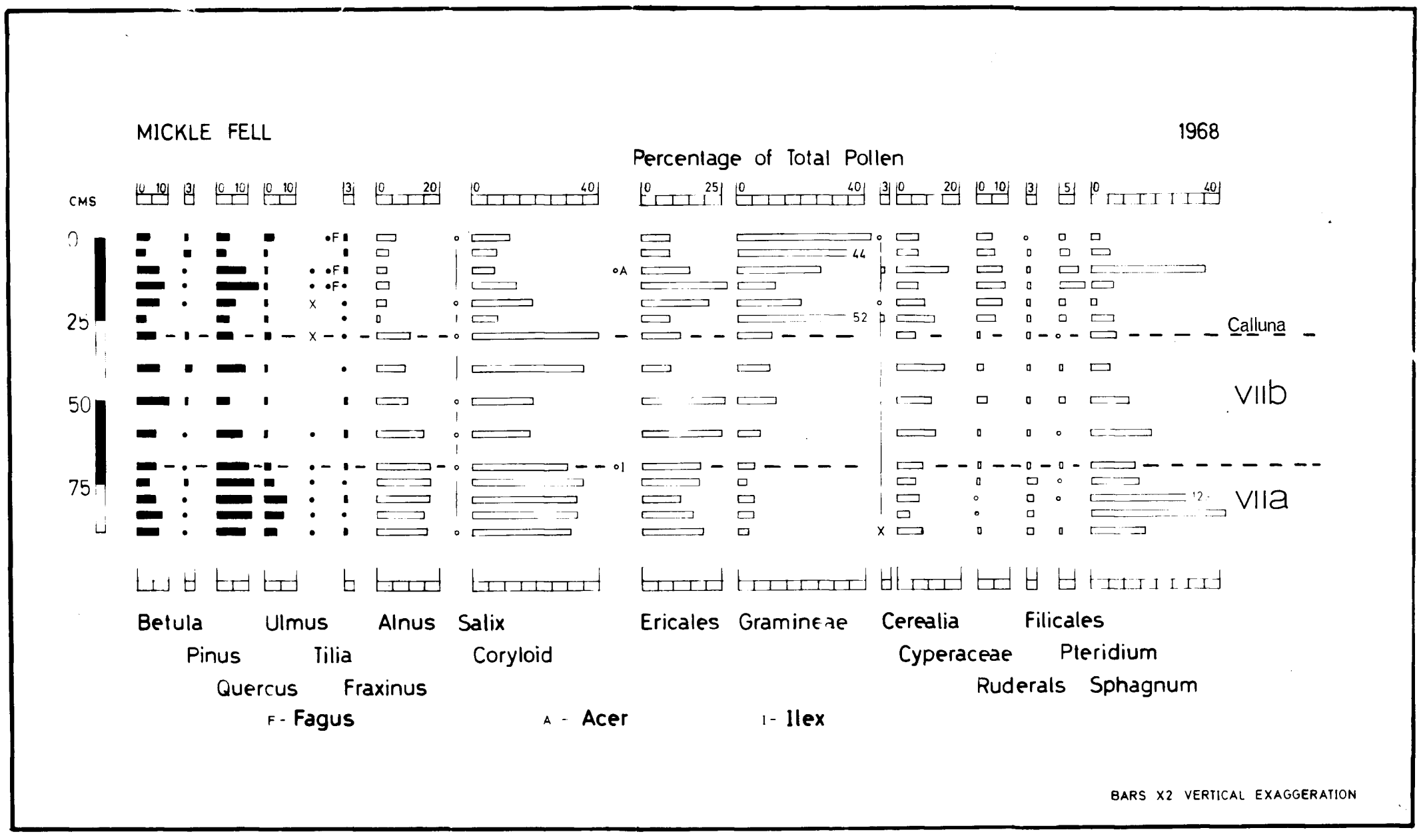


FIG. 52. Ruderals as in Figure 51.

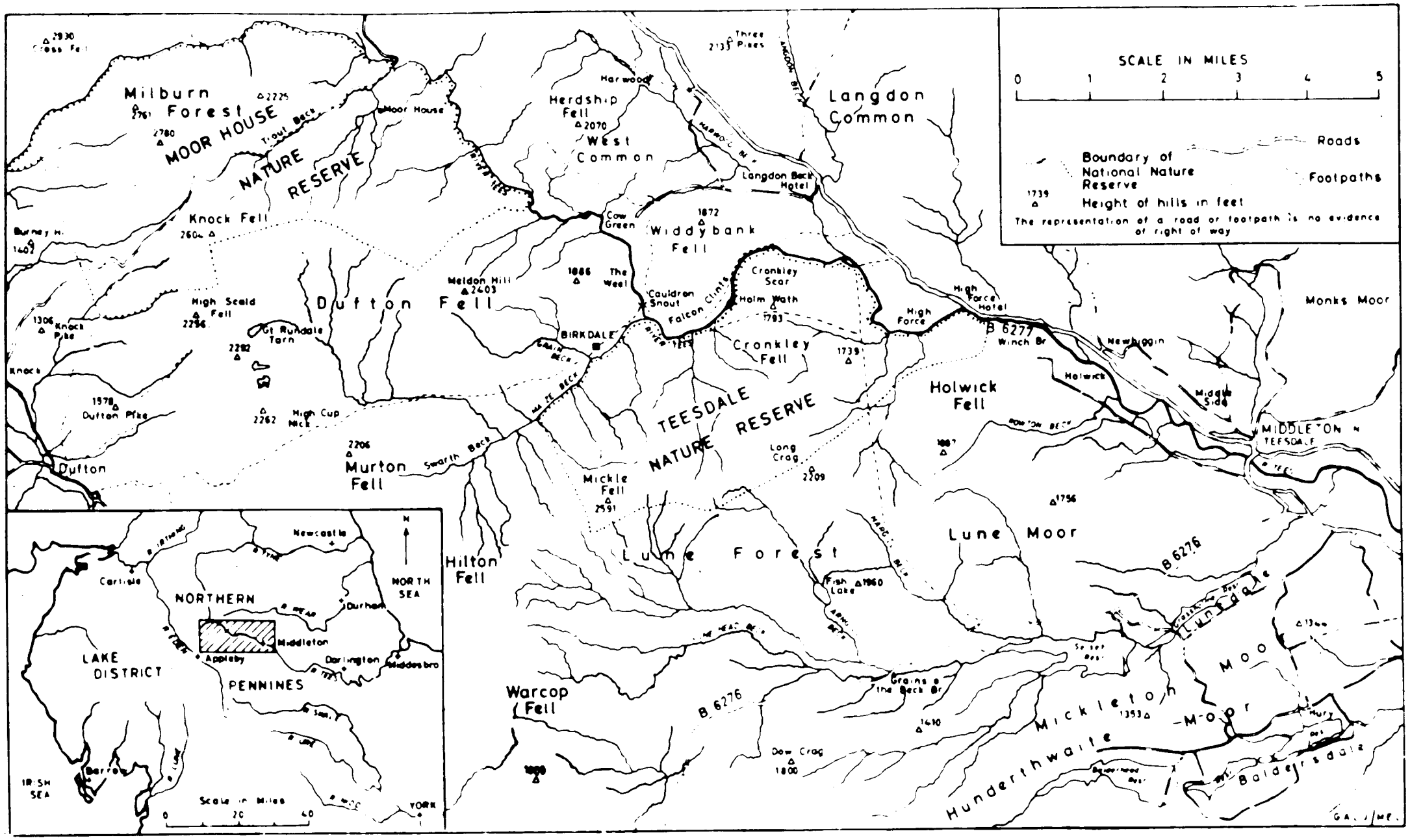


FIG. 1. Sketch map of Upper Teesdale showing the position of the National Nature Reserves. The inset map gives the position of Upper Teesdale in Northern England.

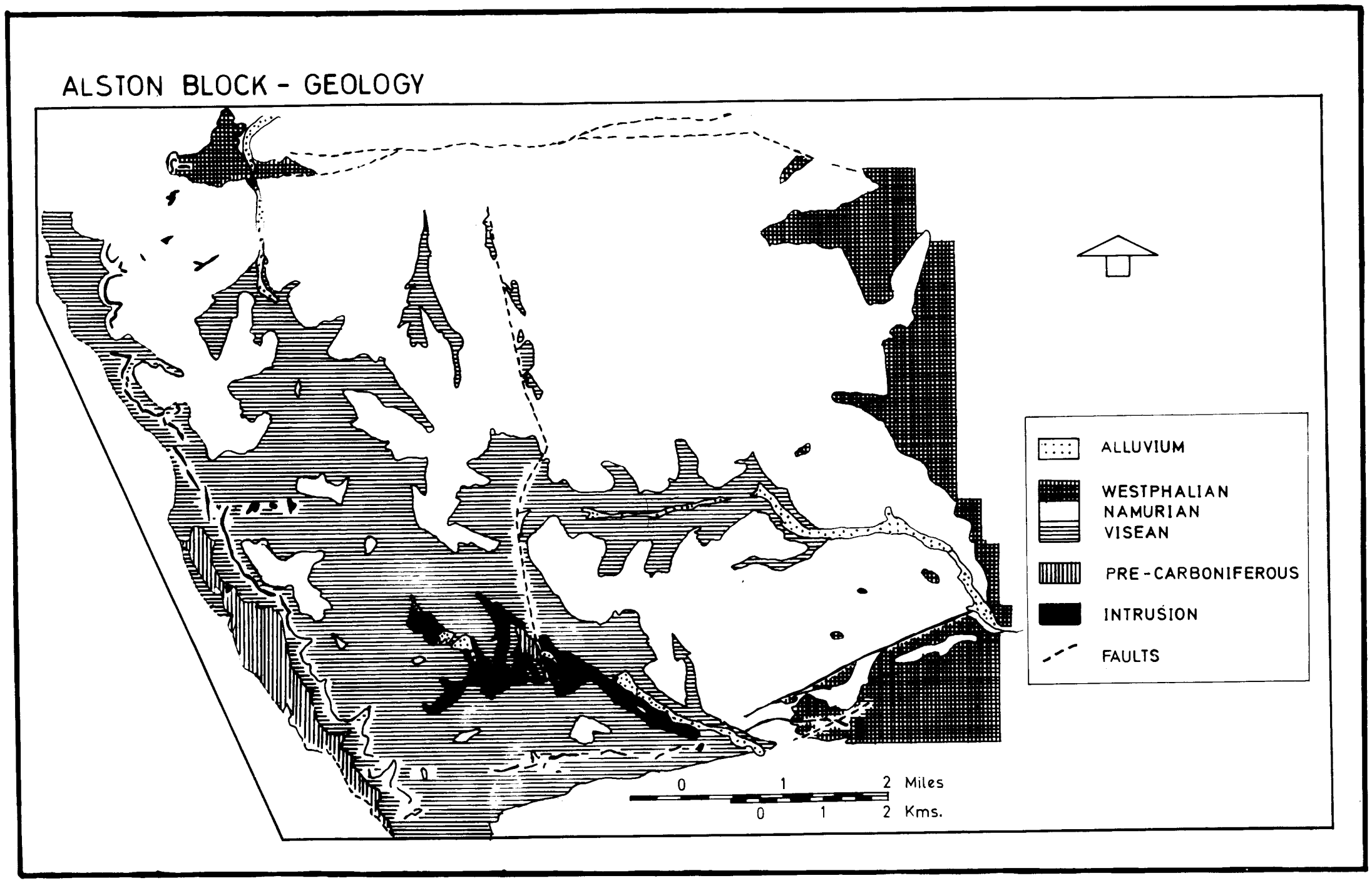

ALSTON BLOCK - GEOLOGY
ALLUVIUM
WESTPHALIAN
NAMURIAN
VISEAN
PRE-CARBONIFEROUS
INTRUSION
FAULTS
0 1 2 Miles
0 1 2 Kms.

FIG. 2.

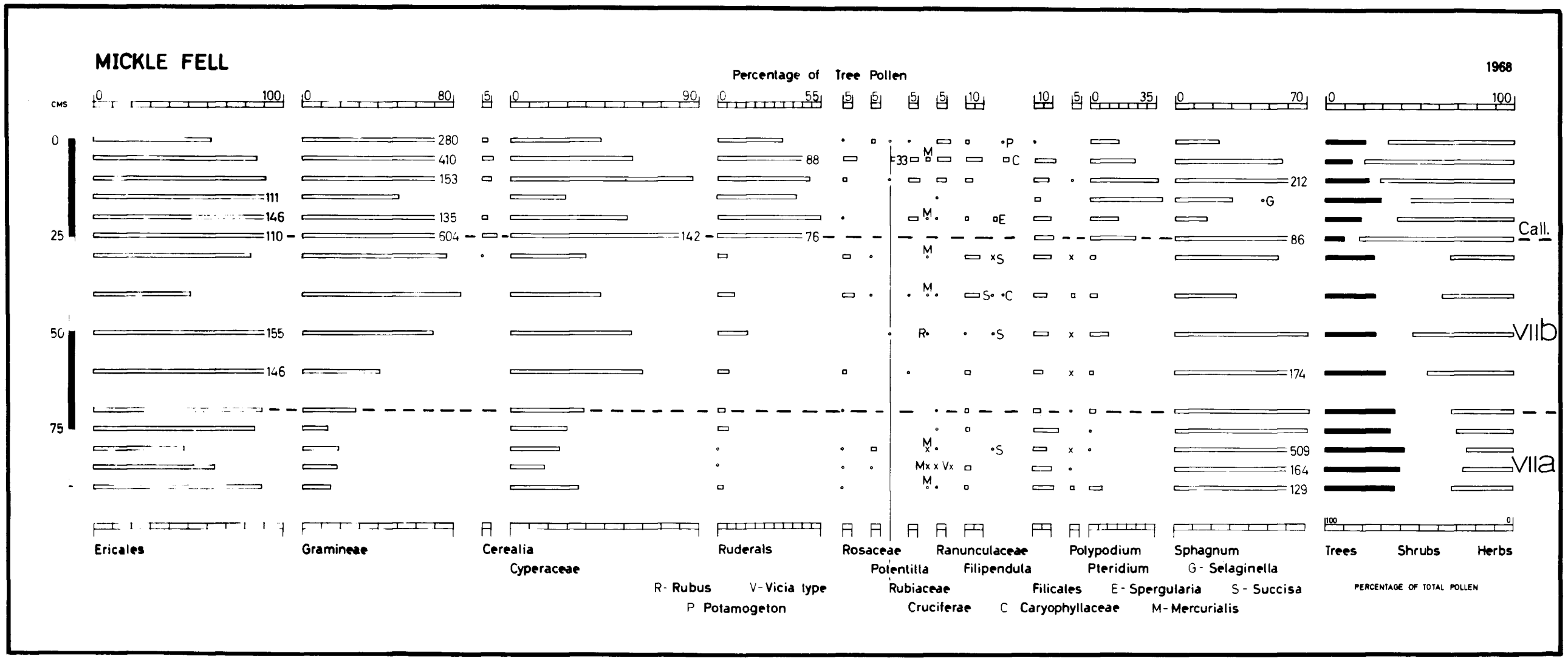


FIG. 51. Ruderals: Plantago lanceolata, P. major/media type, Rumex, Artemisia, Umbelliferae, Chenopodiaceae and Compositae.

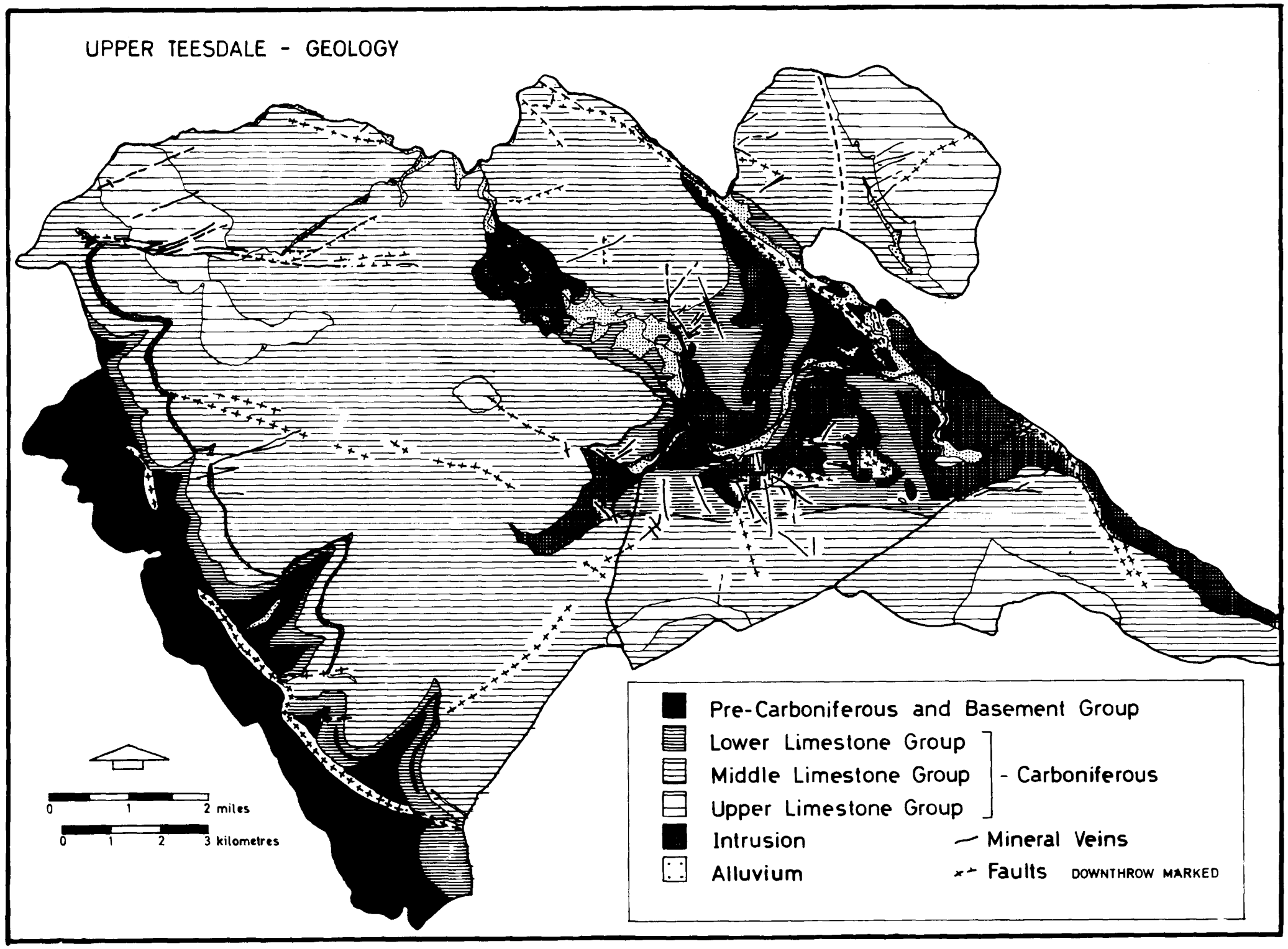

UPPER TEESDALE - GEOLOGY
0 1 2 miles
0 1 2 3 kilometres
Pre-Carboniferous and Basement Group
Lower Limestone Group
Middle Limestone Group
Upper Limestone Group
- Carboniferous
Intrusion
Alluvium
Mineral Veins
Faults
DOWNTHROW MARKED

FIG. 3.

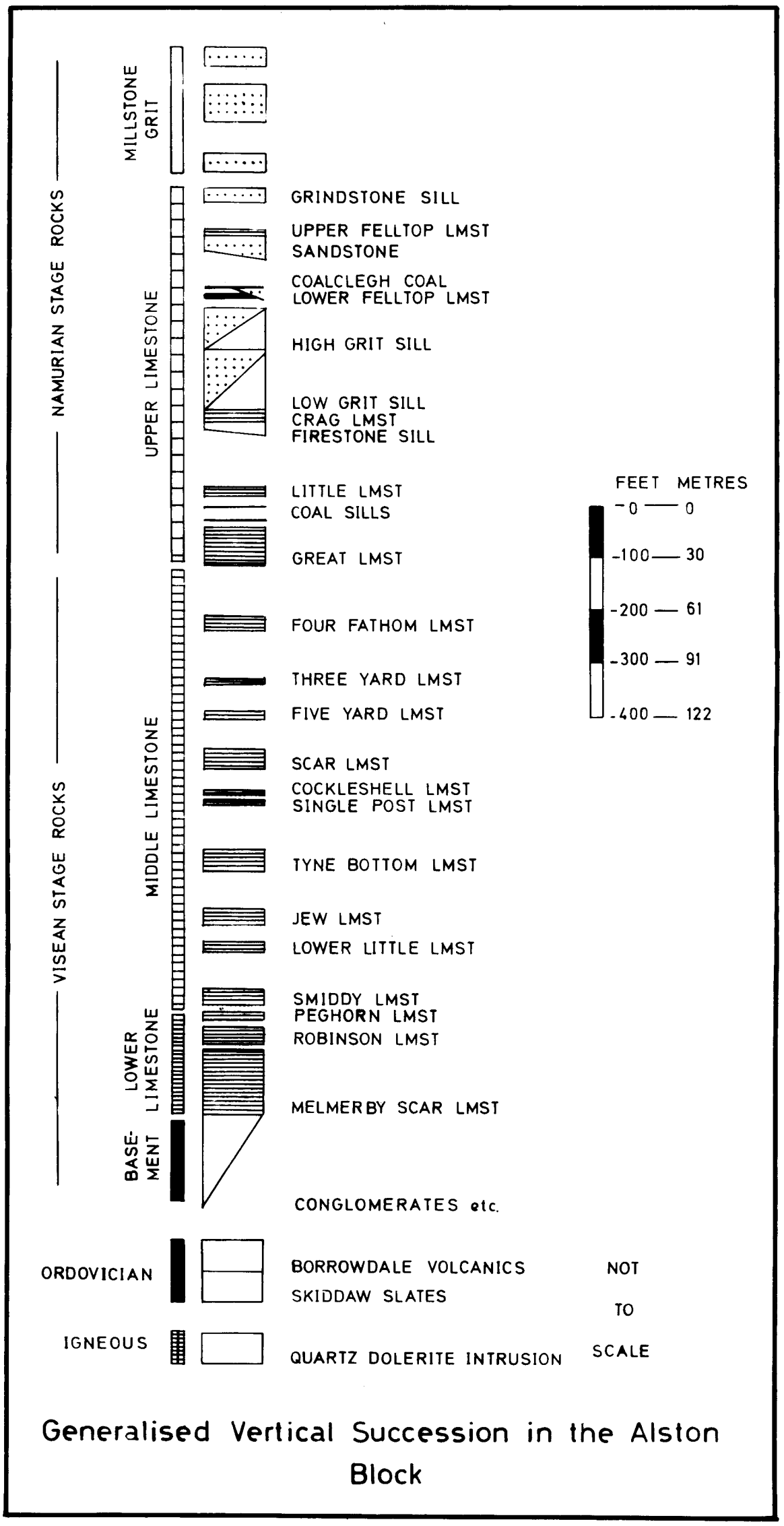


FIG. 4.

Generalised Vertical Succession in the Alston Block

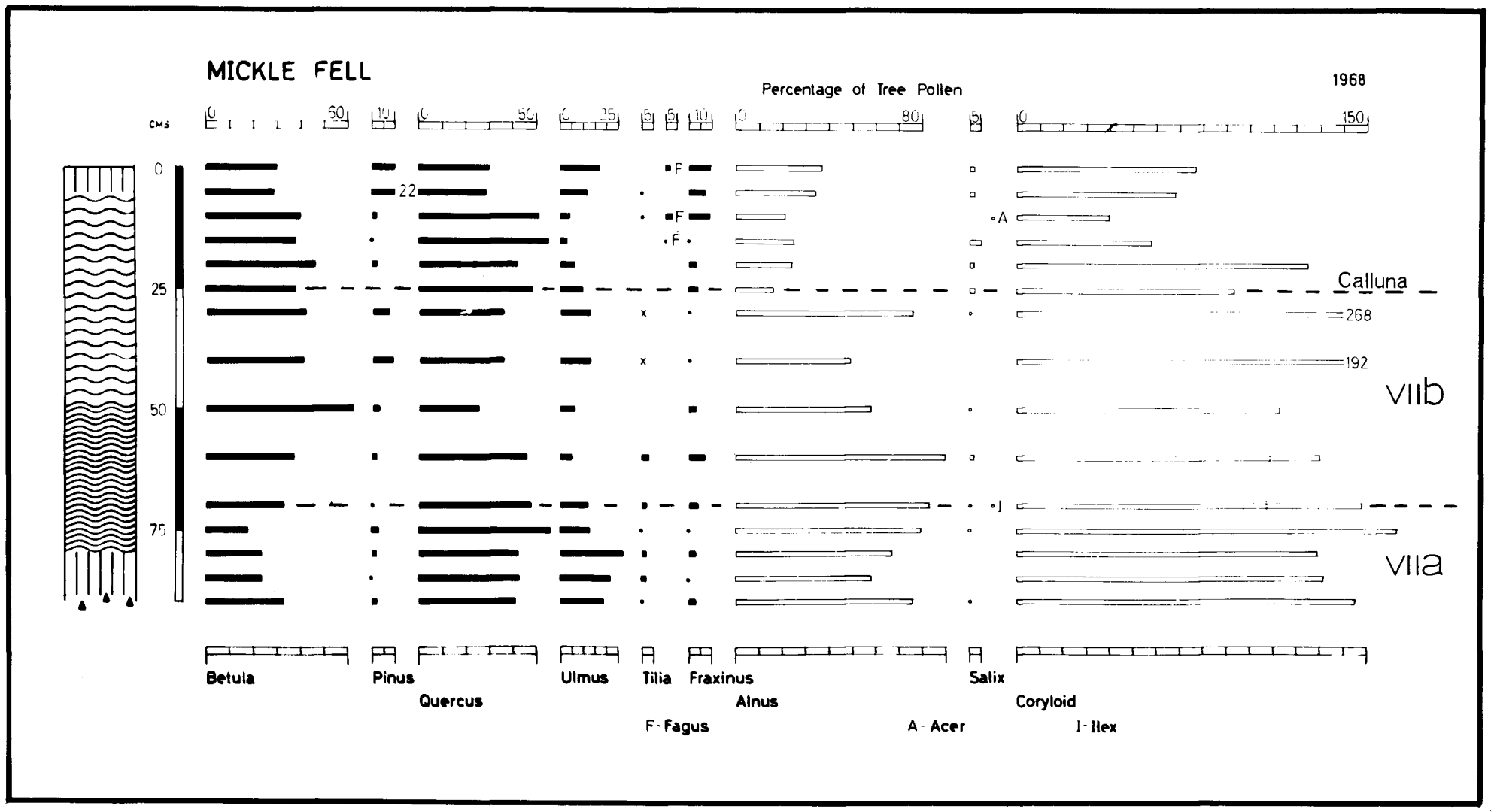

MICKLE FELL
Percentage of Tree Pollen
1968
cms
0
25
50
75
22
268
192
Calluna
VIIb
VIIa
Betula
Pinus
Quercus
Ulmus
Tilia
Fraxinus
Alnus
Salix
Coryloid
F - Fagus
A - Acer
I - Ilex

FIG. 50.

Northern Pennine Orefield (Mem Geol Surv)

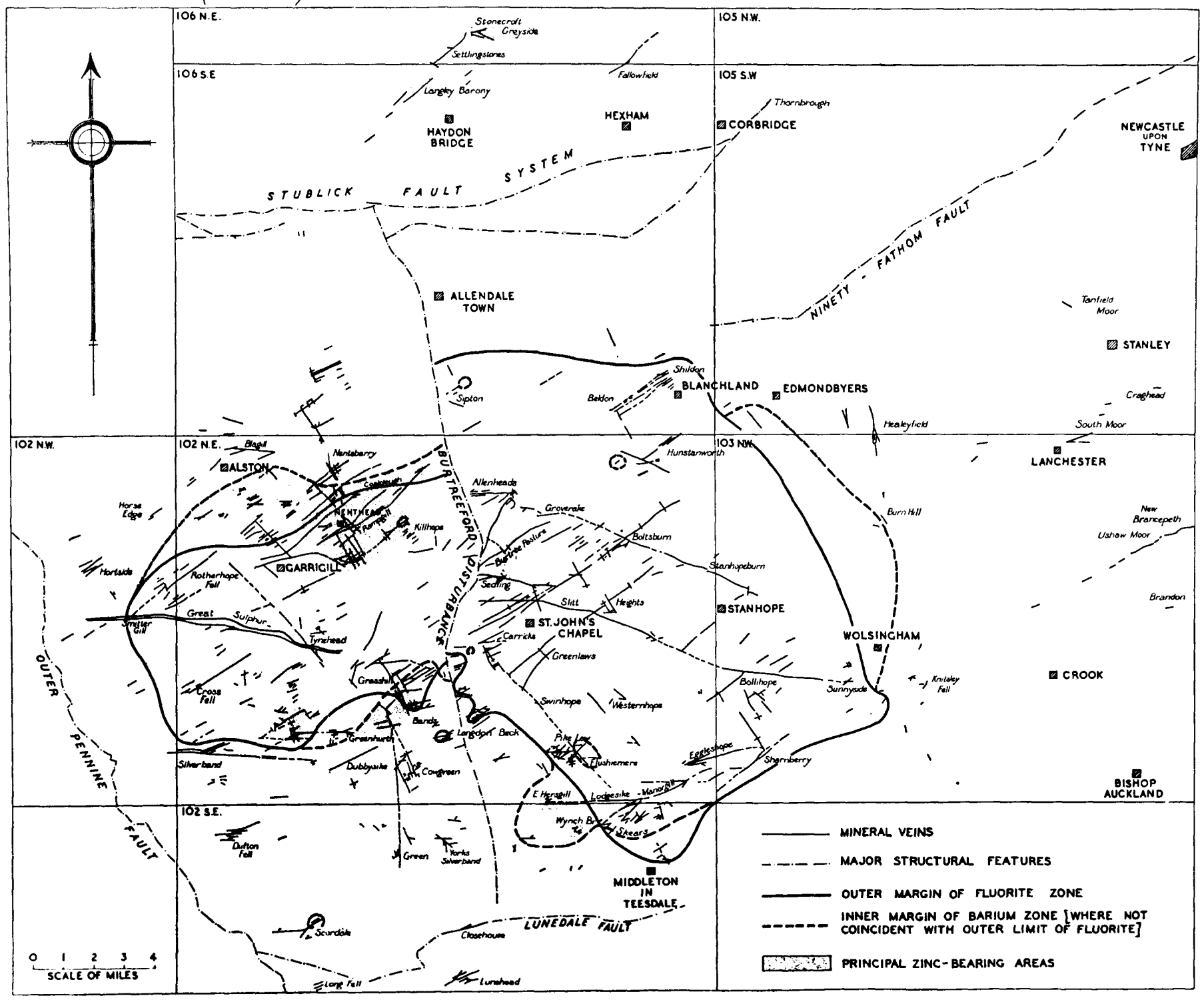


FIG. 5. MAP TO ILLUSTRATE THE DISTRIBUTION OF MINERALS

Northern Pennine Orefield *(Mem. Geol. Surv.)*

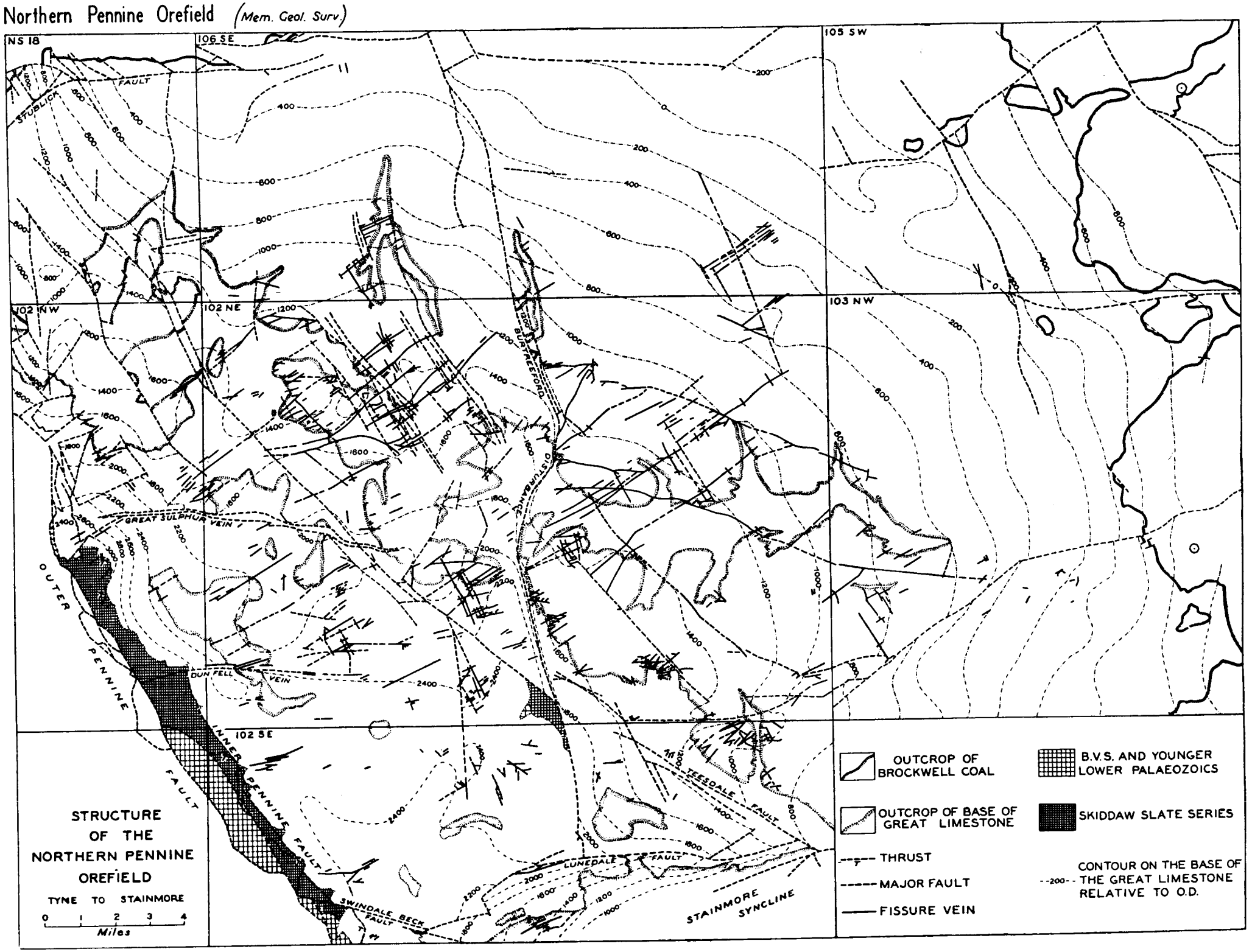


FIG. 6.

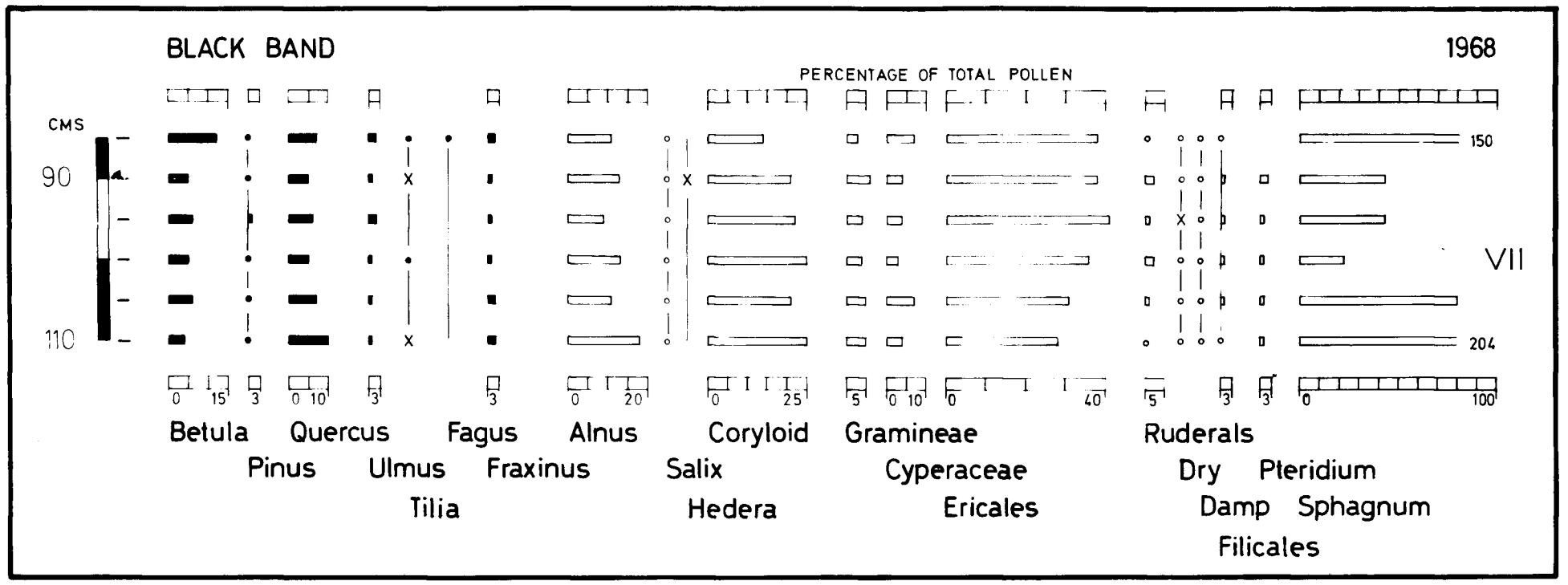


FIG. 49A. Ruderals: Plantago lanceolata, P. major/media type, Compositae, Artemisia, Umbelliferae, Chenopodiaceae and Rumex.
Dry: Rosaceae and Cruciferae. Varia: Ranunculus. Damp: Filipendula, Mercurialis & Succisa

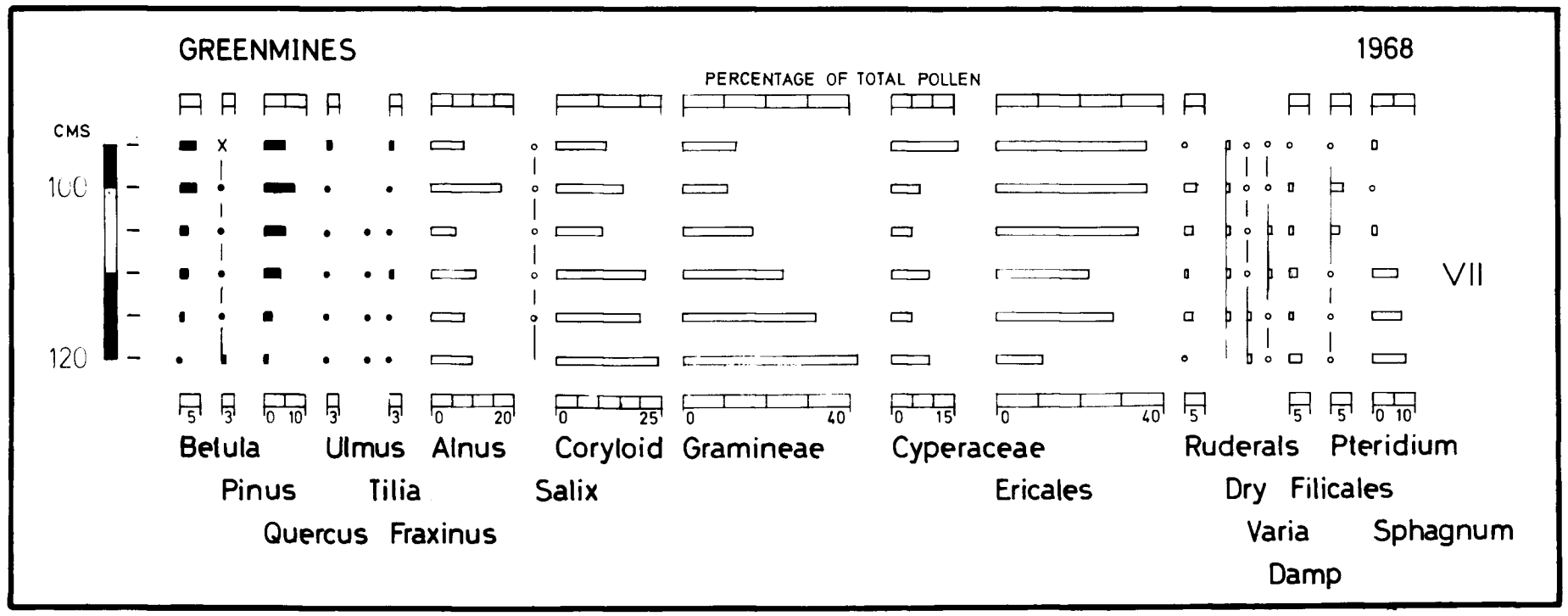


FIG. 49B. Ruderals: Plantago lanceolata, P. major/media type, Melampyrum, Compositae, Artemisia, Umbelliferae, Chenopodiaceae and Rumex.
Dry: Rosaceae, Potentilla type, Onobrychis type and Cruciferae.
Varia: Ranunculus and Caryophyllaceae.
Damp: Mercurialis, Filipendula and Succisa.

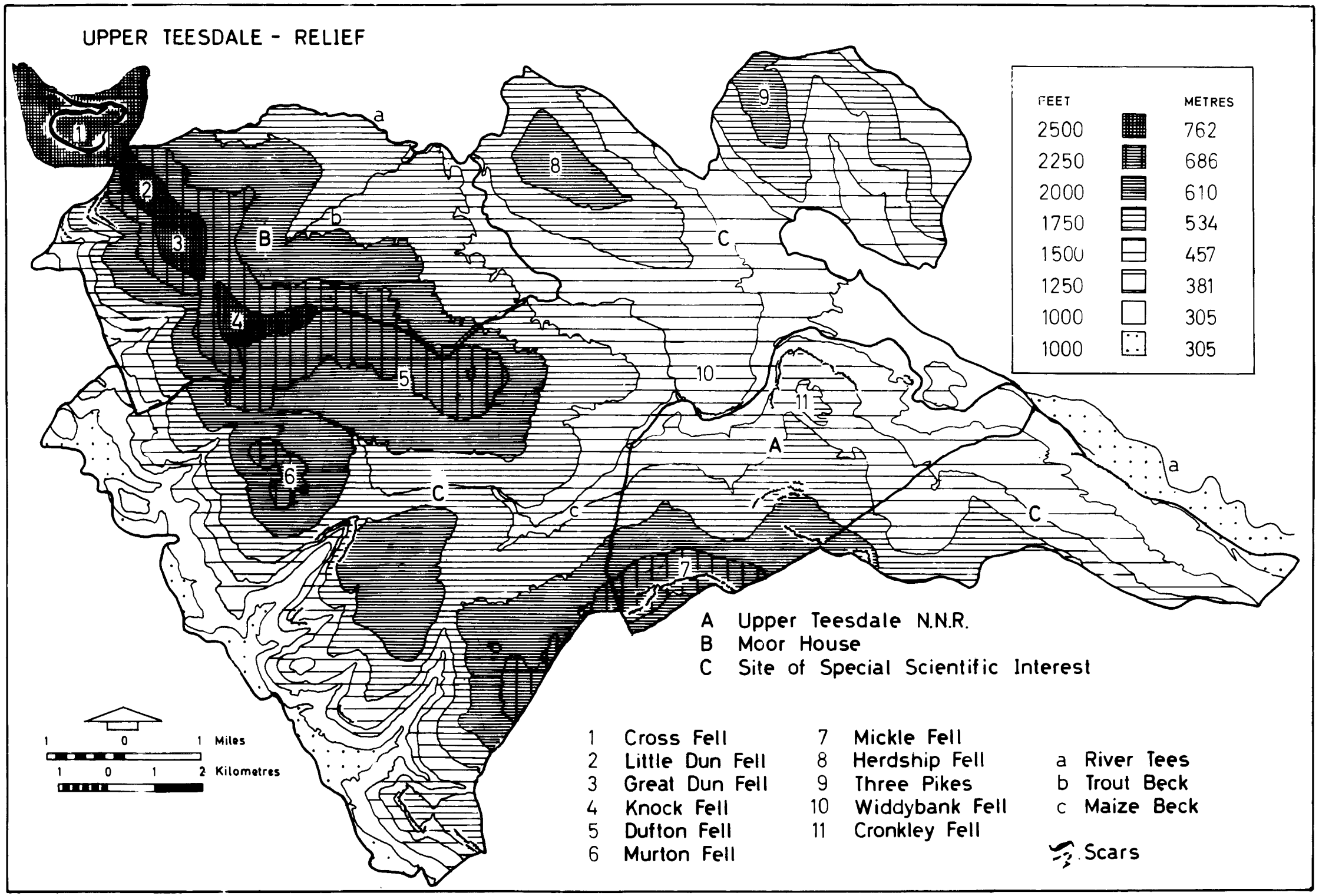

UPPER TEESDALE - RELIEF
FEET
METRES
2500
762
2250
686
2000
610
1750
534
1500
457
1250
381
1000
305
1000
305
A Upper Teesdale N.N.R.
B Moor House
C Site of Special Scientific Interest
1 Cross Fell
2 Little Dun Fell
3 Great Dun Fell
4 Knock Fell
5 Dufton Fell
6 Murton Fell
7 Mickle Fell
8 Herdship Fell
9 Three Pikes
10 Widdybank Fell
11 Cronkley Fell
a River Tees
b Trout Beck
c Maize Beck
Scars
1 0 1 Miles
1 0 1 2 Kilometres

FIG. 7.

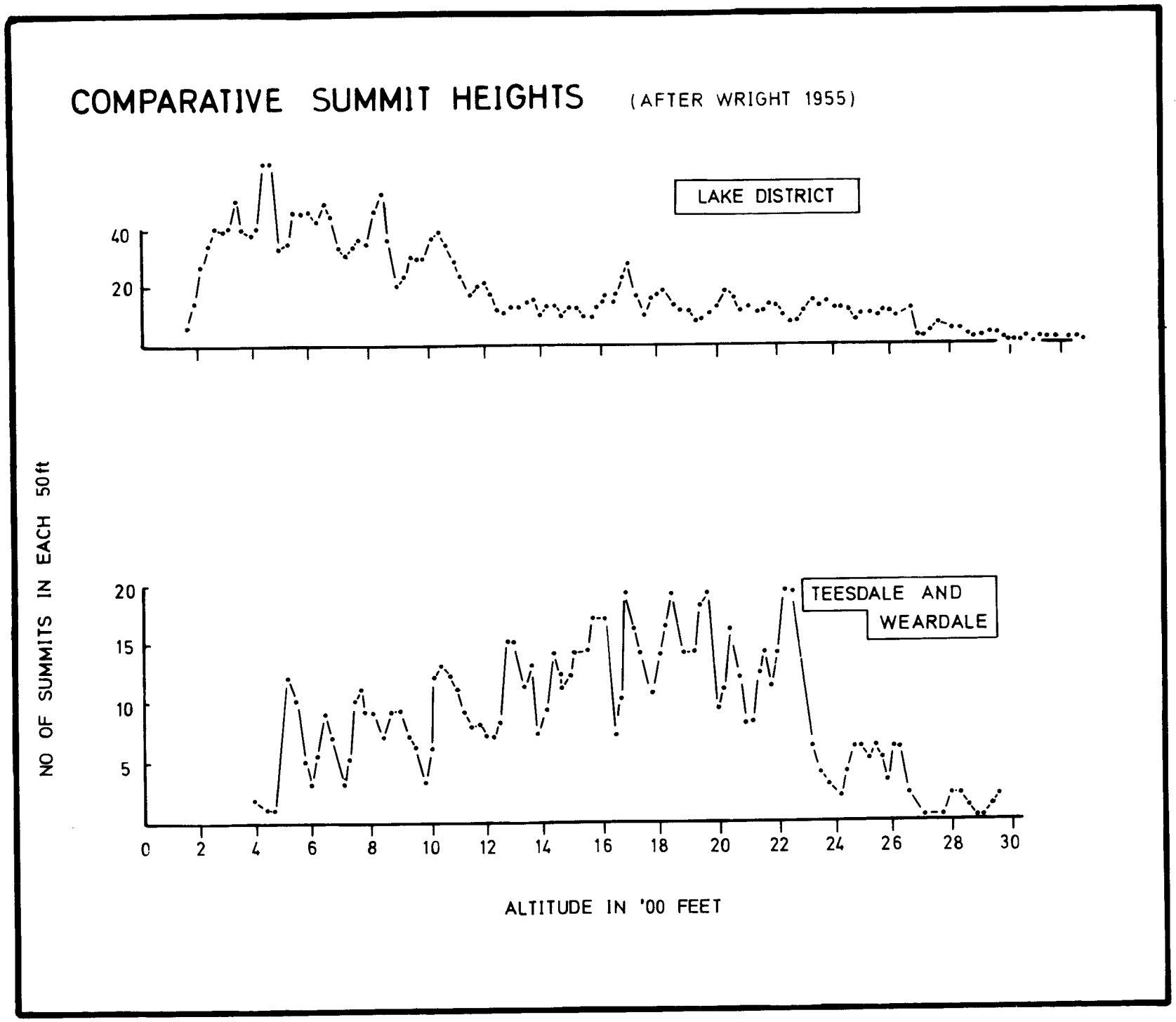

COMPARATIVE SUMMIT HEIGHTS
(AFTER WRIGHT 1955)
LAKE DISTRICT
40
20
TEESDALE AND
WEARDALE
NO OF SUMMITS IN EACH 50ft
20
15
10
5
0
2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
ALTITUDE IN '00 FEET

FIG. 8.

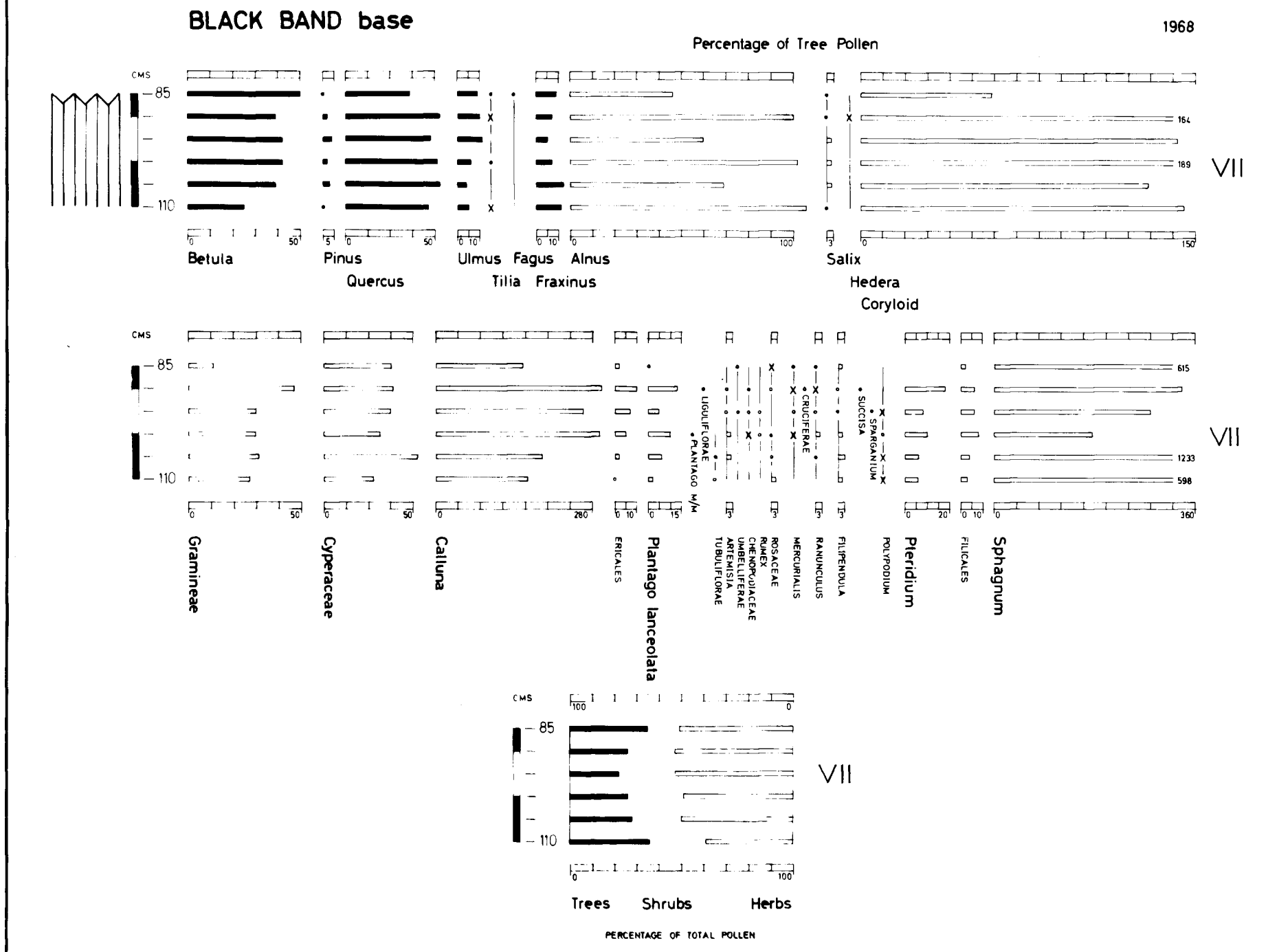


FIG. 48. Plantago lanceolata, P. major/media type, Compositae, Artemisia, Umbelliferae, Chenopodiaceae and Rumex are grouped as ruderals in data sheet 12.

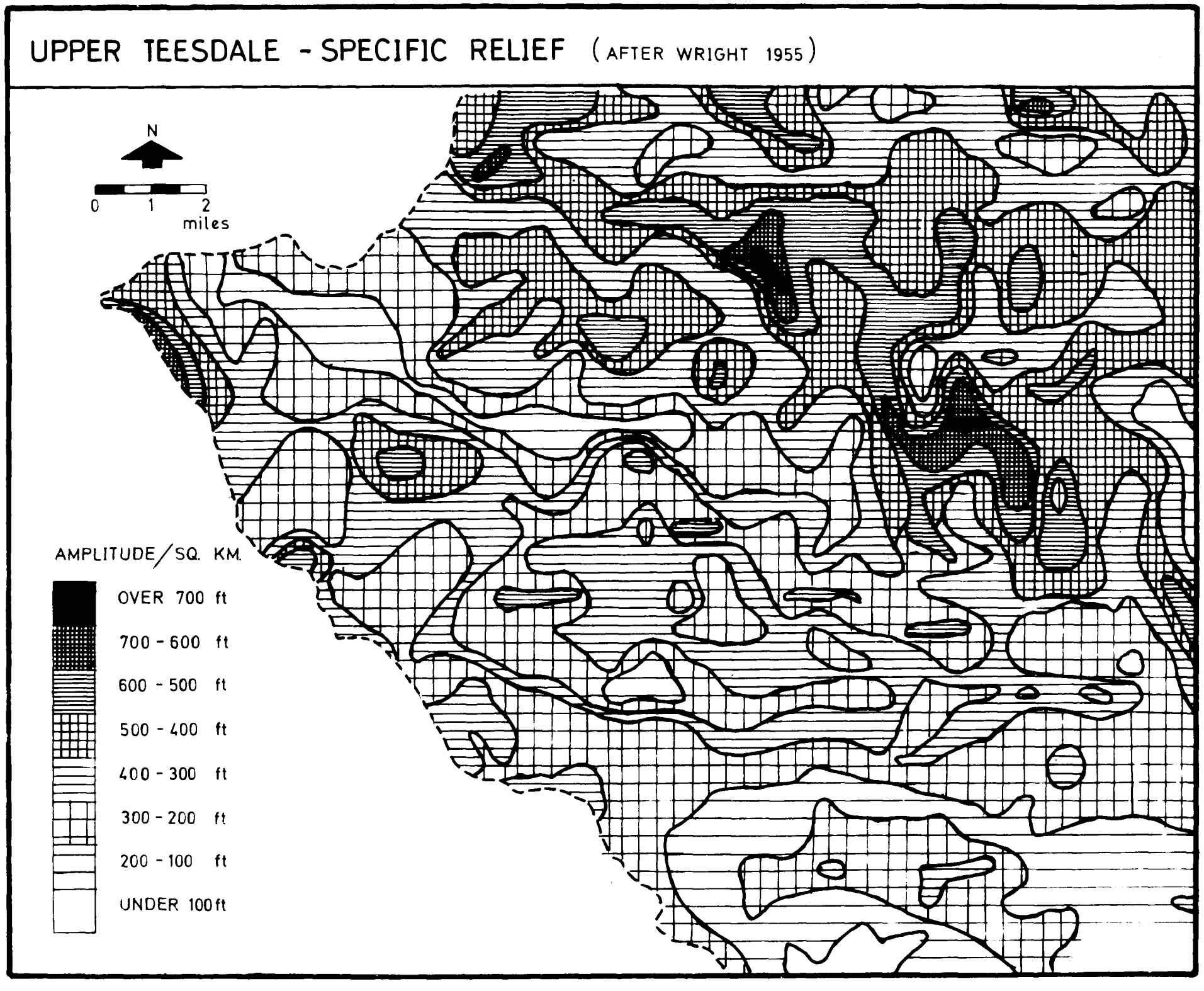

UPPER TEESDALE - SPECIFIC RELIEF (AFTER WRIGHT 1955)
N
0 1 2
miles
AMPLITUDE/SQ. KM.
OVER 700 ft
700 - 600 ft
600 - 500 ft
500 - 400 ft
400 - 300 ft
300 - 200 ft
200 - 100 ft
UNDER 100 ft

FIG. 9.

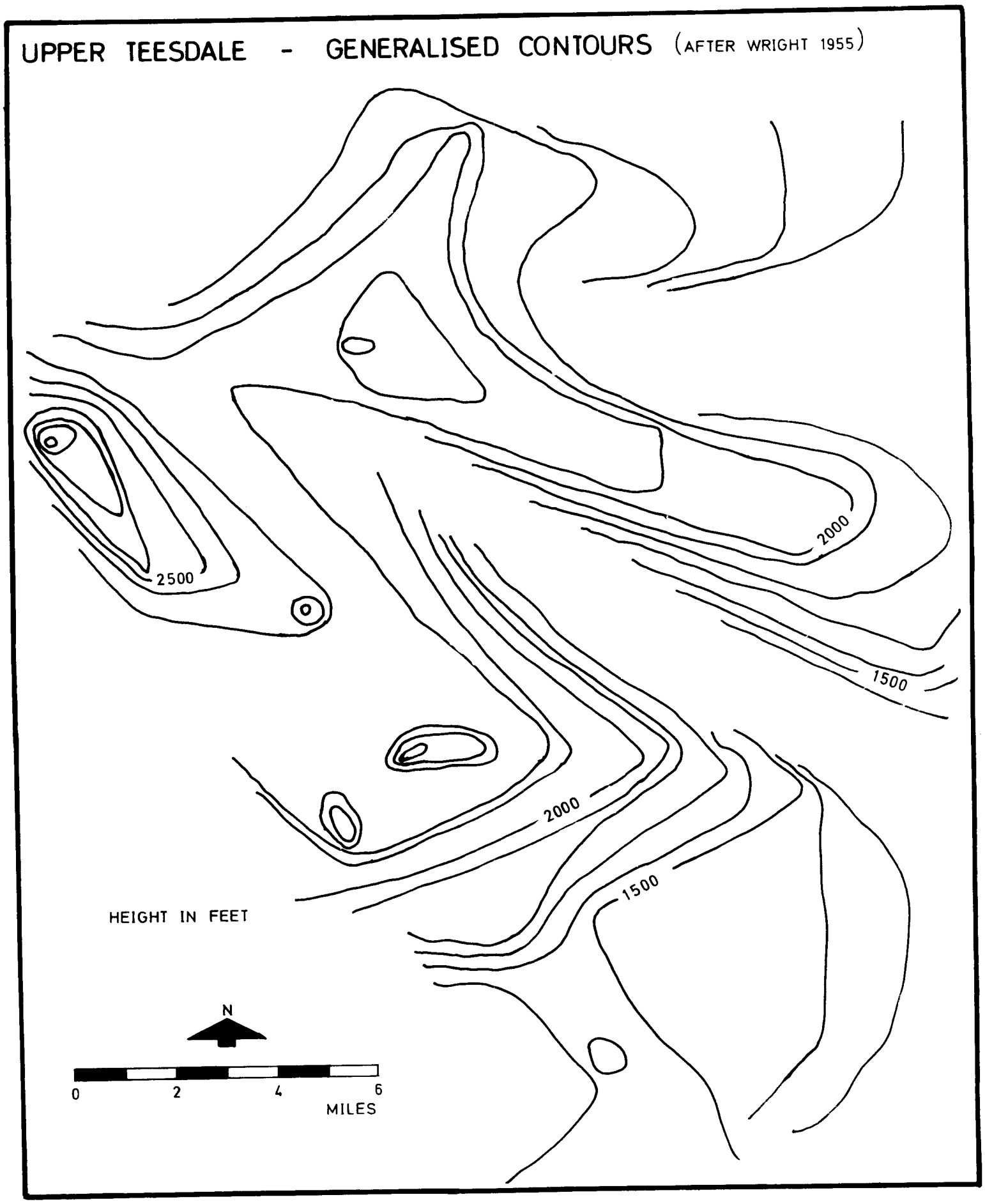

UPPER TEESDALE - GENERALISED CONTOURS (AFTER WRIGHT 1955)
2500
2000
1500
2000
1500
HEIGHT IN FEET
N
0
2
4
6
MILES

FIG. 10.

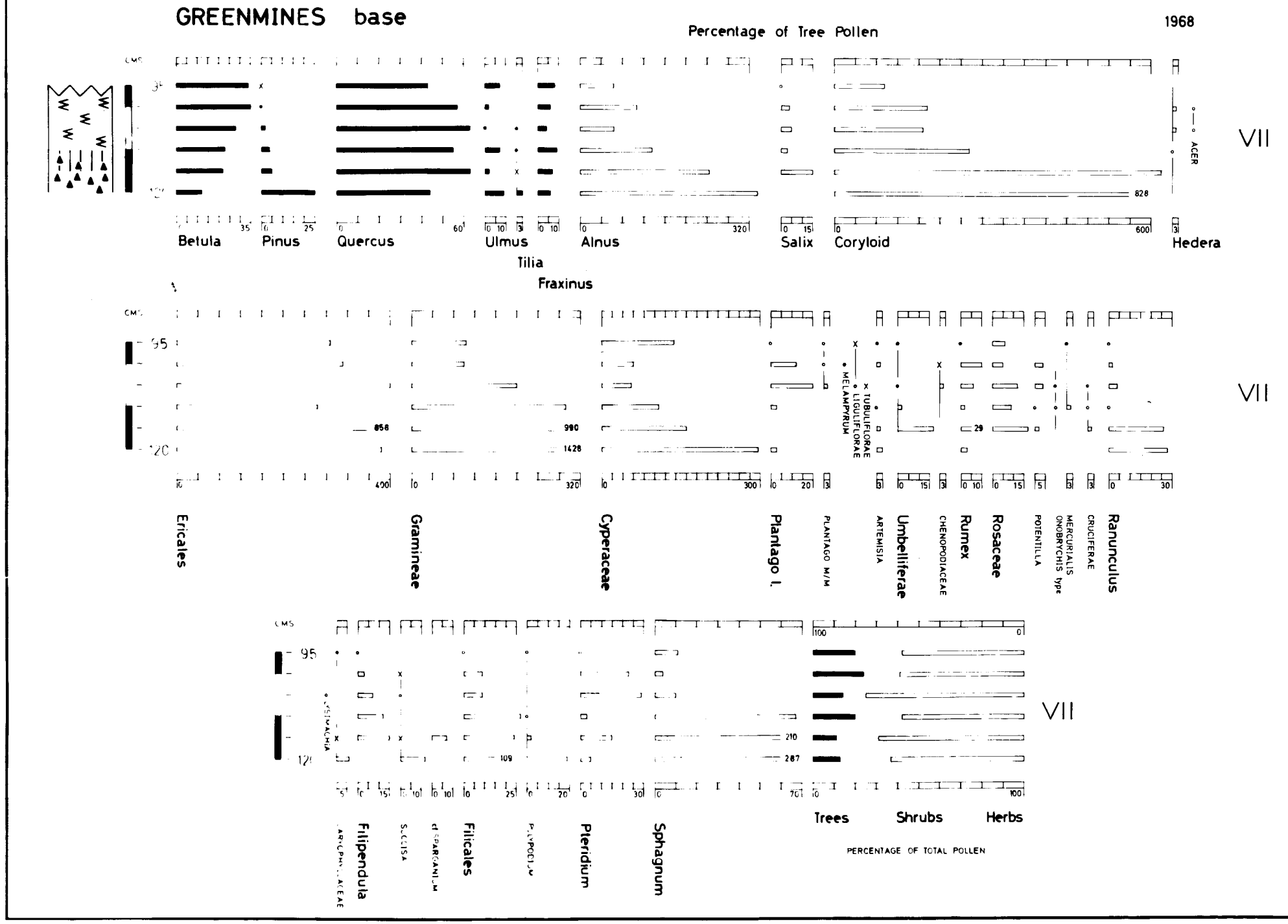


FIG. 47. Plantago lanceolata, P. major/media type, Melampyrum, Compositae, Artemisia, Umbelliferae, Chenopodiaceae and Rumex are grouped as ruderals in data sheet 11.

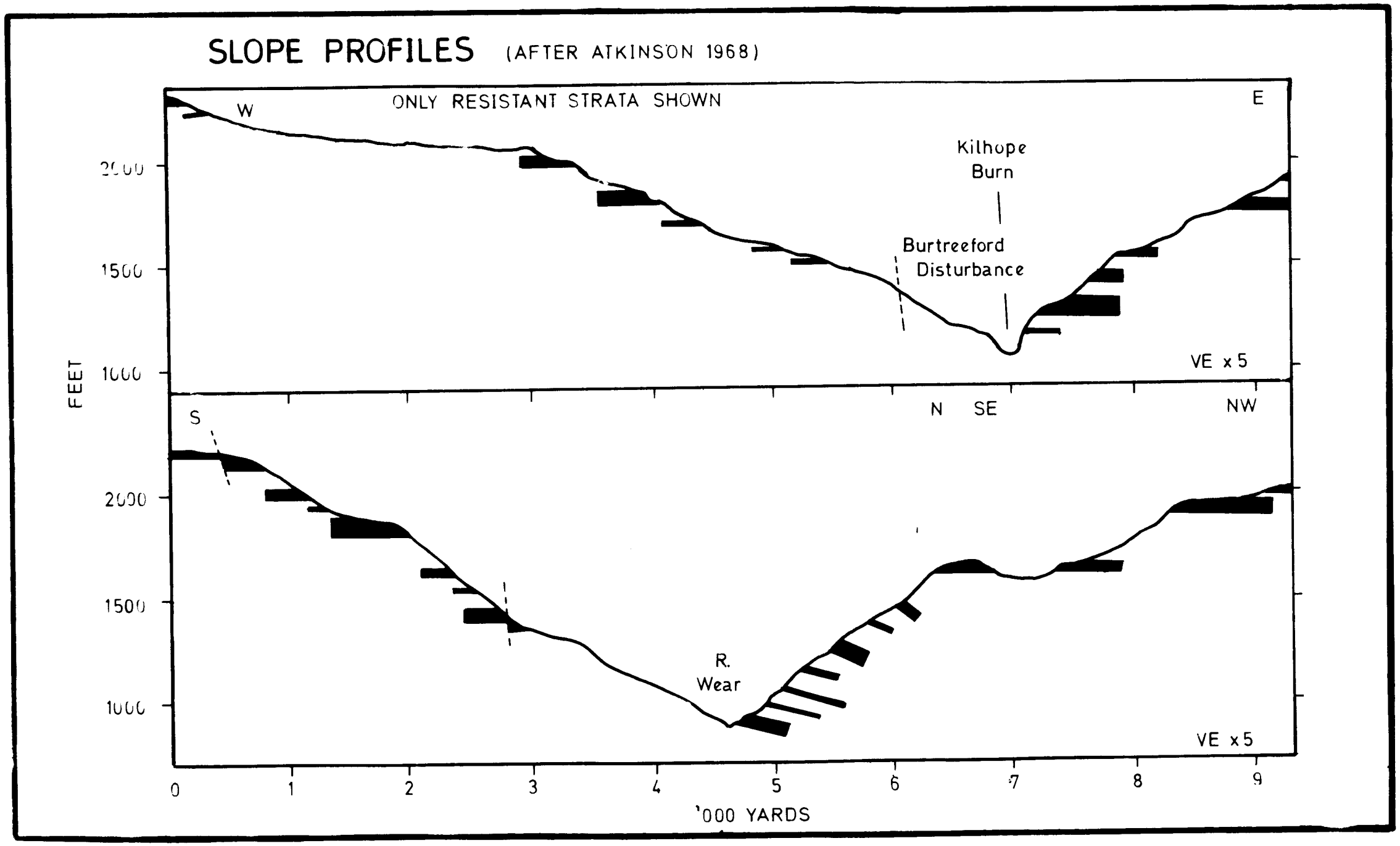

SLOPE PROFILES (AFTER ATKINSON 1968)
ONLY RESISTANT STRATA SHOWN
W
E
Kilhope
Burn
Burtreeford
Disturbance
VE x 5
FEET
2000
1500
1000
N
SE
NW
S
R.
Wear
VE x5
0
1
2
3
4
5
6
7
8
9
'000 YARDS

FIG. 11.

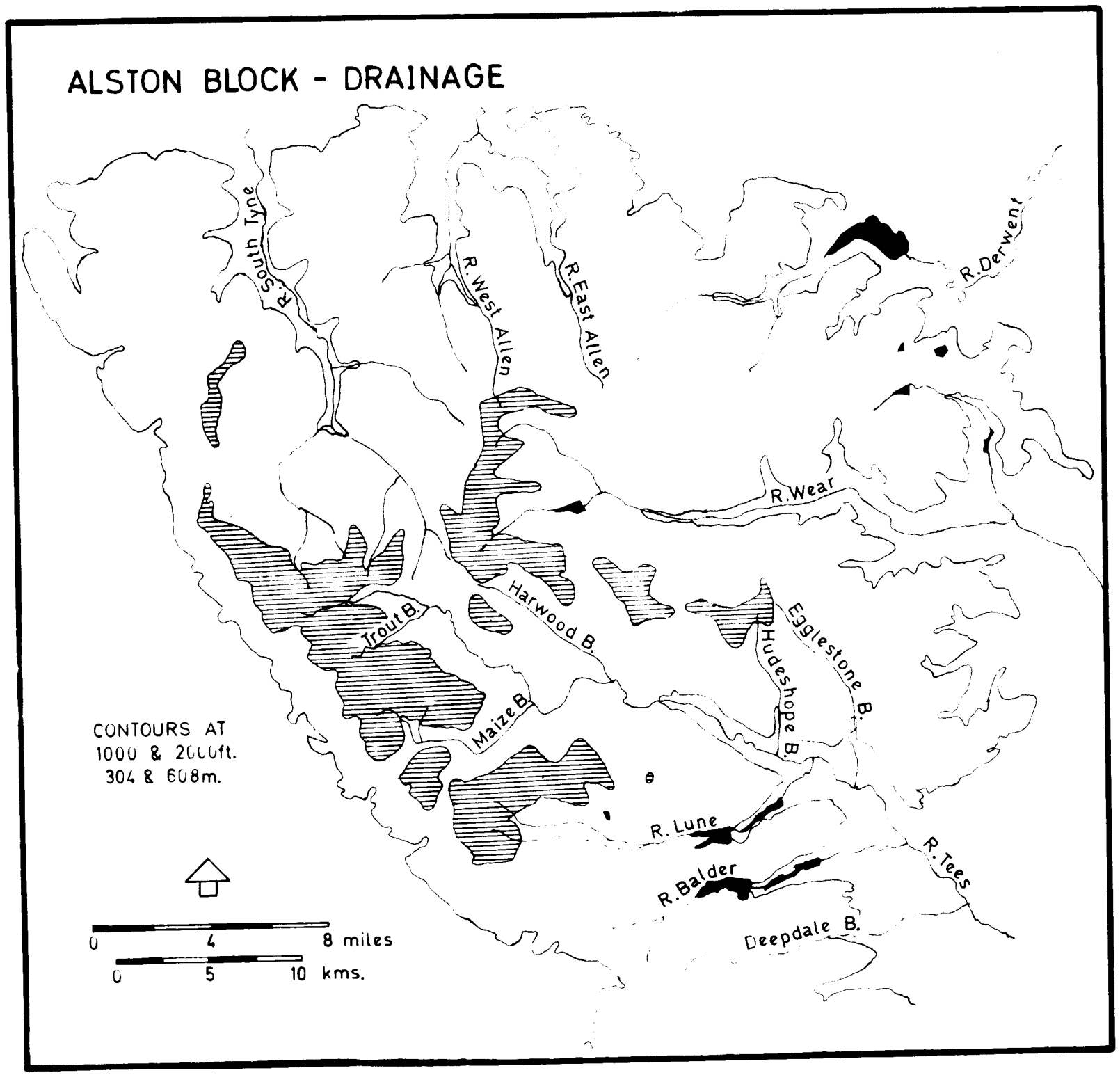
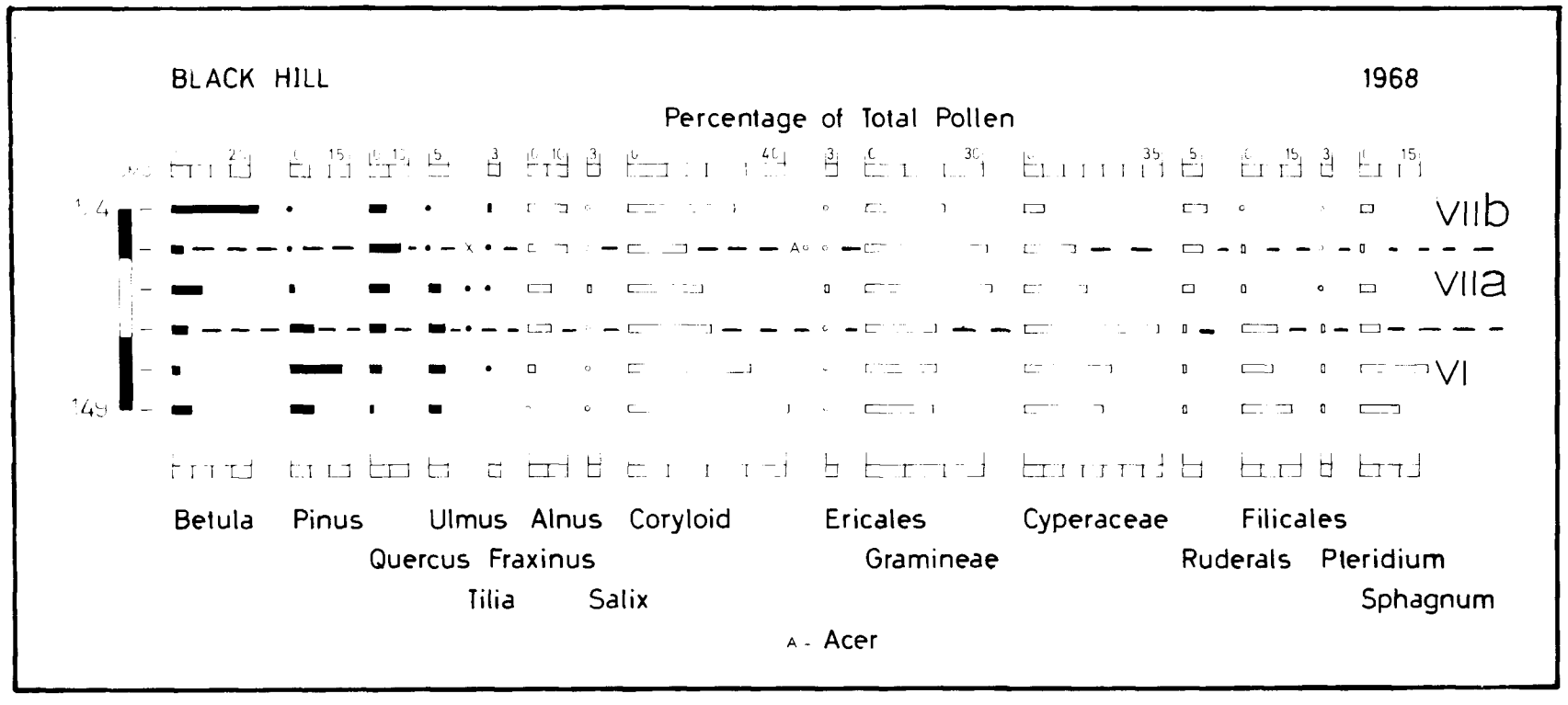

ALSTON BLOCK - DRAINAGE
R. South Tyne
R. West Allen
R. East Allen
R. Derwent
R. Wear
Harwood B.
Trout B.
Maize B.
Hudeshope B.
Eggleston B.
R. Lune
R. Balder
R. Tees
Deepdale B.
CONTOURS AT
1000 & 2000ft.
304 & 608m.
0 4 8 miles
0 5 10 kms.

FIG. 12.

FIG. 46A. Ruderals: Plantago lanceolata, P. major/media type, Melampyrum, Compositae, Umbelliferae and Rumex.



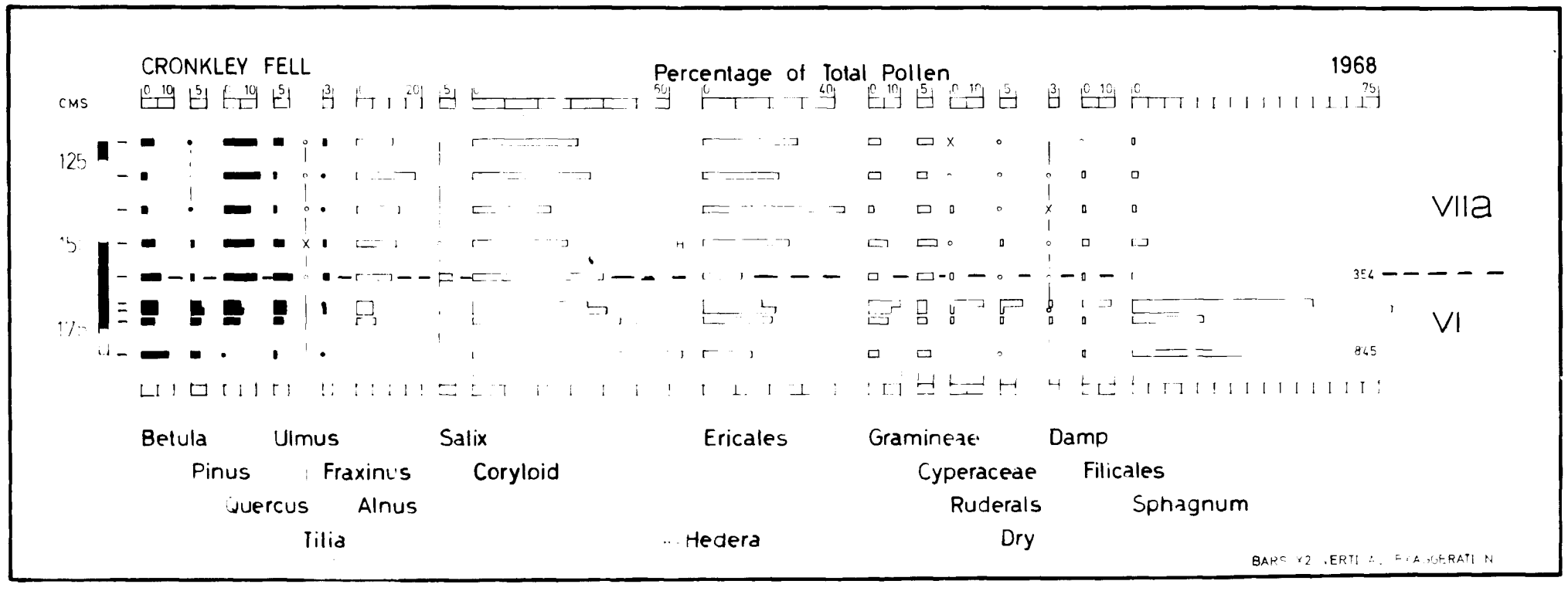


FIG. 46B. Ruderals: Plantago lanceolata, Spergula, Melampyrum, Compositae, Artemisia, Umbelliferae and Rumex.
Dry: Rosaceae, Potentilla type, Vicia type, Rubiaceae and Campanula.
Damp: Filipendula and Succisa.

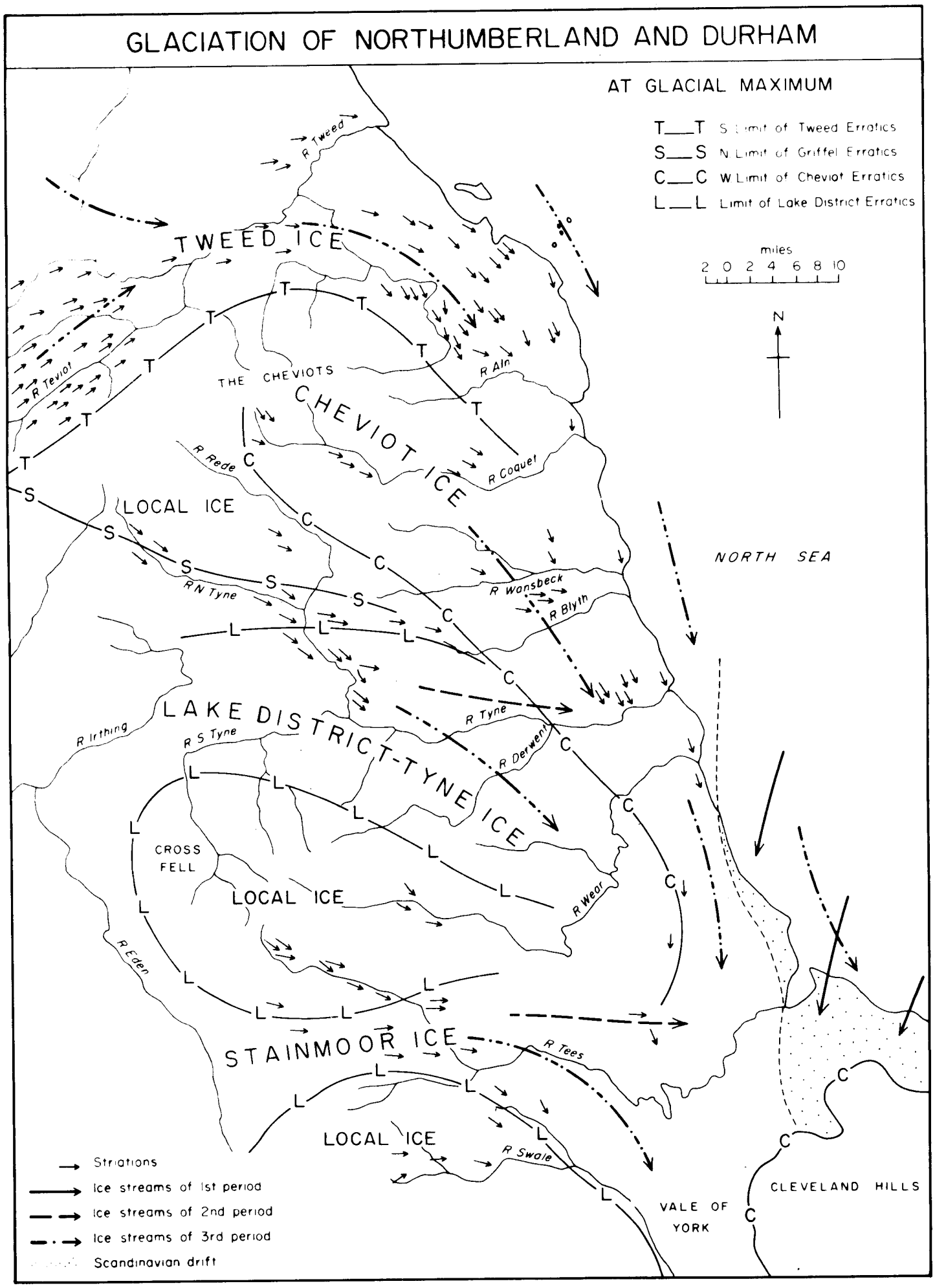

GLACIATION OF NORTHUMBERLAND AND DURHAM
AT GLACIAL MAXIMUM
T__T S. Limit of Tweed Erratics
S__S N. Limit of Griffel Erratics
C__C W. Limit of Cheviot Erratics
L__L Limit of Lake District Erratics
miles
2 0 2 4 6 8 10
N
TWEED ICE
R. Tweed
R. Teviot
THE CHEVIOTS
CHEVIOT ICE
R. Aln
R. Rede
R. Coquet
LOCAL ICE
NORTH SEA
R. N. Tyne
R. Wansbeck
R. Blyth
LAKE DISTRICT-TYNE ICE
R. Irthing
R. S. Tyne
R. Tyne
R. Derwent
CROSS FELL
LOCAL ICE
R. Wear
R. Eden
STAINMOOR ICE
R. Tees
LOCAL ICE
R. Swale
VALE OF YORK
CLEVELAND HILLS
Striations
Ice streams of 1st period
Ice streams of 2nd period
Ice streams of 3rd period
Scandinavian drift

FIG. 13.

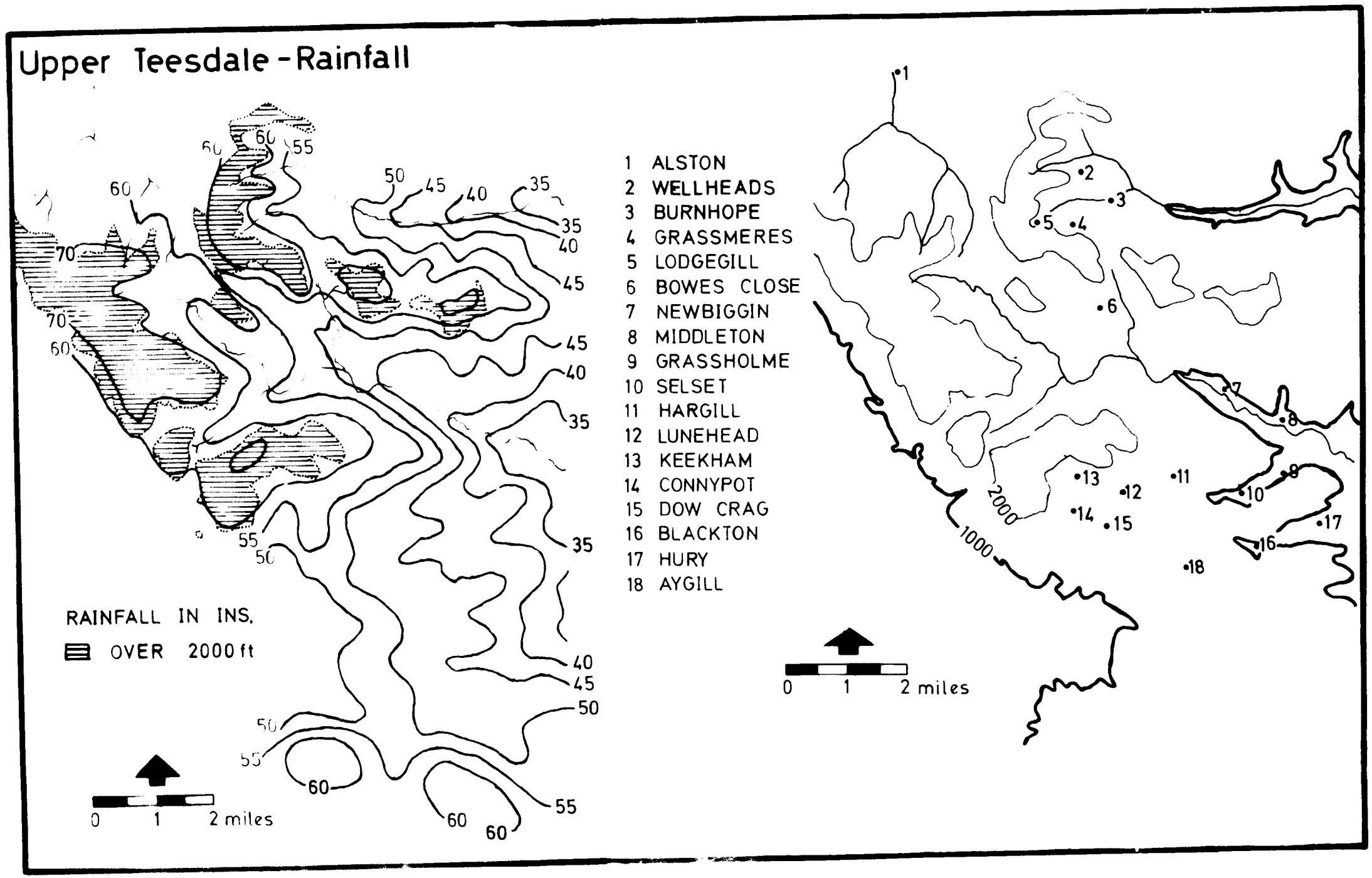

Upper Teesdale - Rainfall
1 ALSTON
2 WELLHEADS
3 BURNHOPE
4 GRASSMERES
5 LODGEGILL
6 BOWES CLOSE
7 NEWBIGGIN
8 MIDDLETON
9 GRASSHOLME
10 SELSET
11 HARGILL
12 LUNEHEAD
13 KEEKHAM
14 CONNYPOT
15 DOW CRAG
16 BLACKTON
17 HURY
18 AYGILL
RAINFALL IN INS.
OVER 2000 ft
2000
1000
0 1 2 miles
0 1 2 miles

FIG. 14.

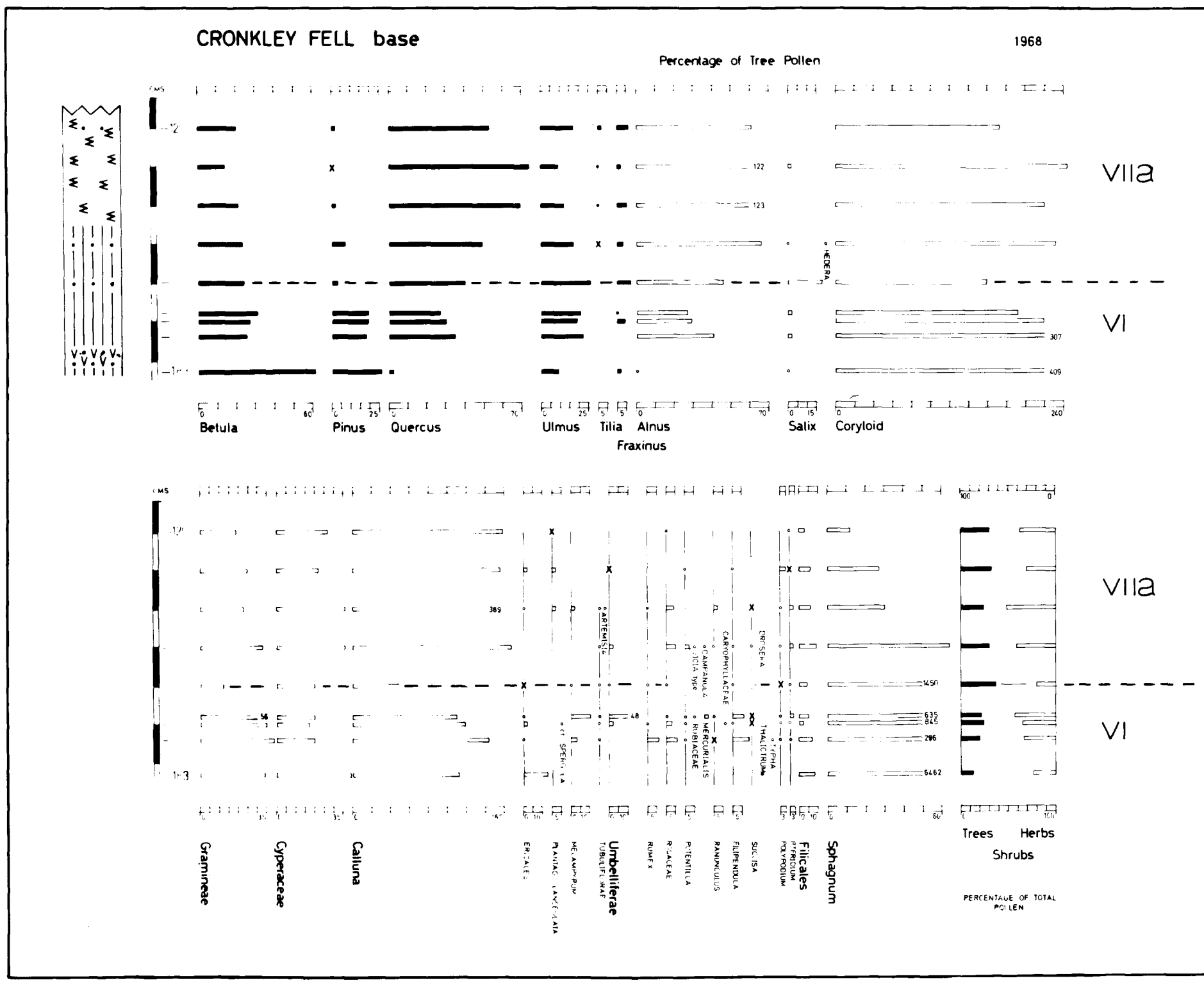


FIG. 45. Plantago lanceolata, Spergula, Melampyrum, Compositae, Artemisia, Umbelliferae and Rumex are grouped as ruderals in data sheet 10.

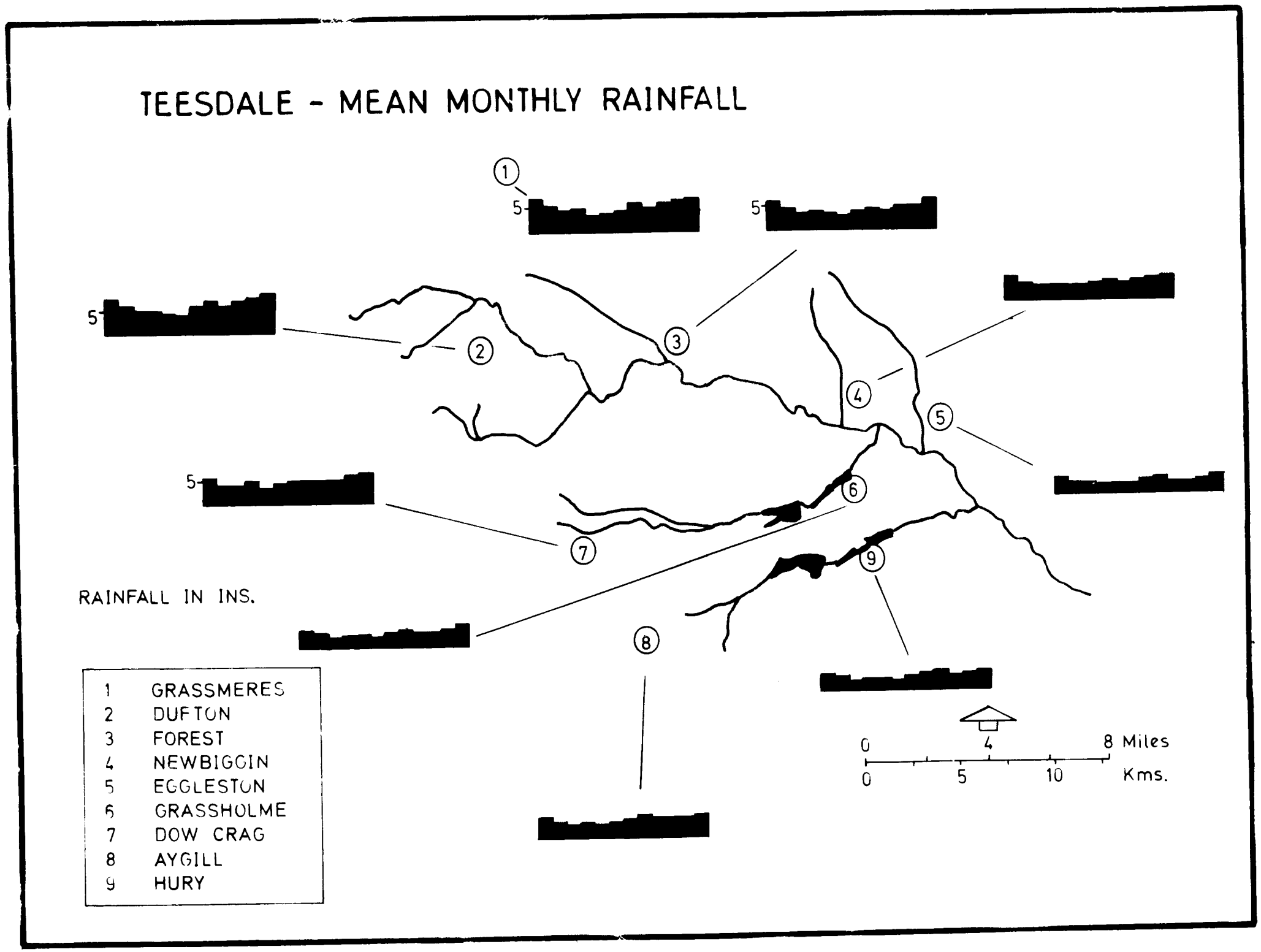

TEESDALE - MEAN MONTHLY RAINFALL
1
5
5
5
2
3
4
5
5
6
7
9
8
RAINFALL IN INS.
1 GRASSMERES
2 DUFTON
3 FOREST
4 NEWBIGGIN
5 EGGLESTON
6 GRASSHOLME
7 DOW CRAG
8 AYGILL
9 HURY
0 4 8 Miles
0 5 10 Kms.

FIG. 15.

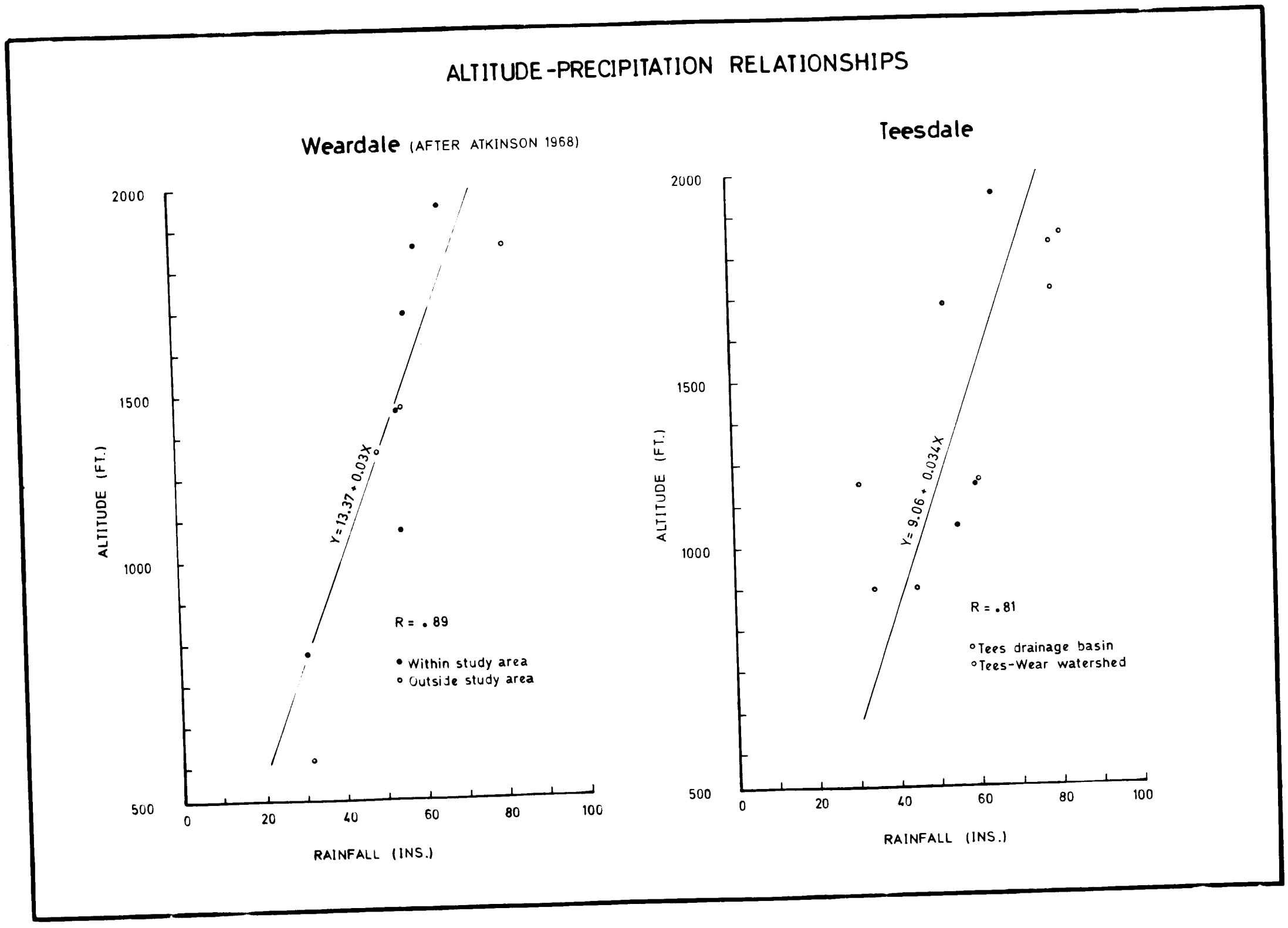

ALTITUDE-PRECIPITATION RELATIONSHIPS
Weardale (AFTER ATKINSON 1968)
Teesdale
2000
1500
1000
500
ALTITUDE (FT.)
0
20
40
60
80
100
RAINFALL (INS.)
Y= 13.37 + 0.03X
R = .89
• Within study area
◦ Outside study area
Y= 9.06 + 0.034X
R = .81
◦ Tees drainage basin
◦ Tees-Wear watershed

FIG. 16.

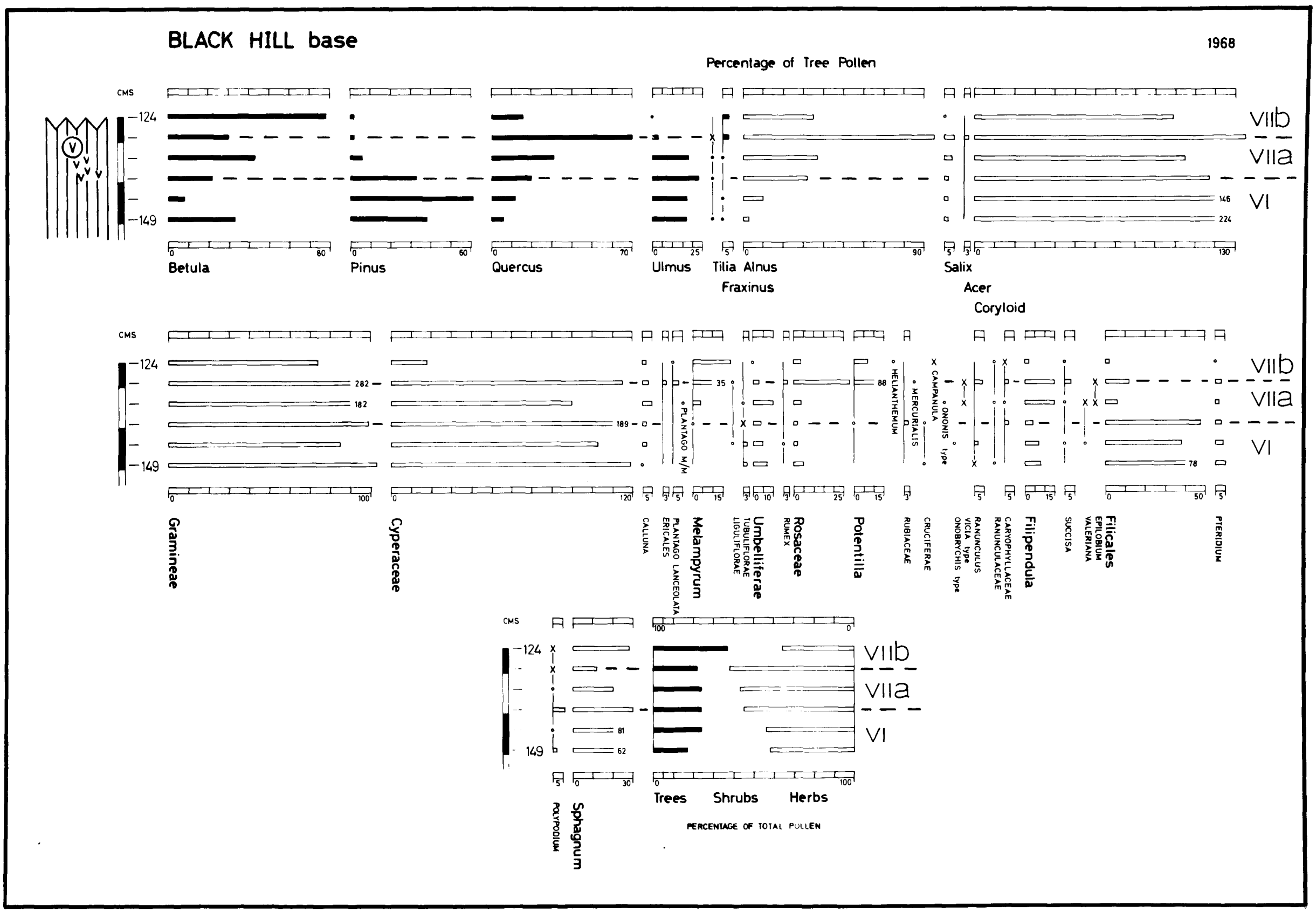
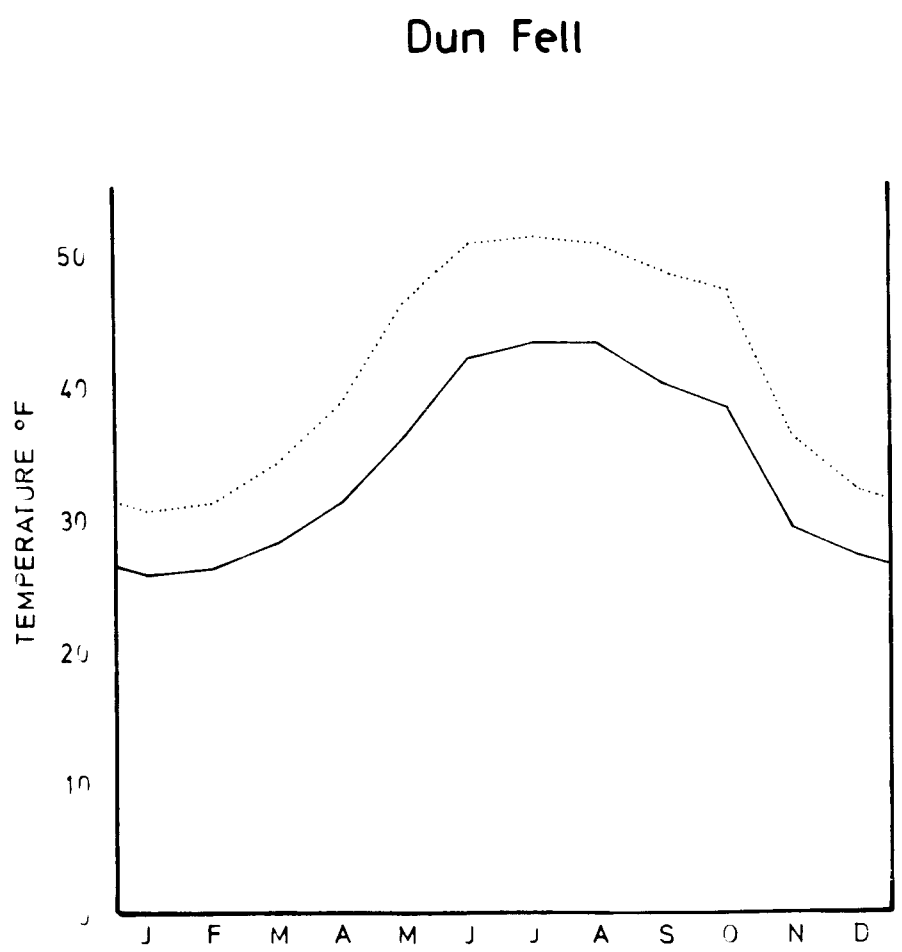


FIG. 44. Plantago lanceolata, P. major/media type, Melampyrum, Compositae, Umbelliferae and Rumex are grouped as ruderals in data sheet 9.

MEAN MONTHLY TEMPERATURES 1962-67

MAXIMUM AND MINIMUM



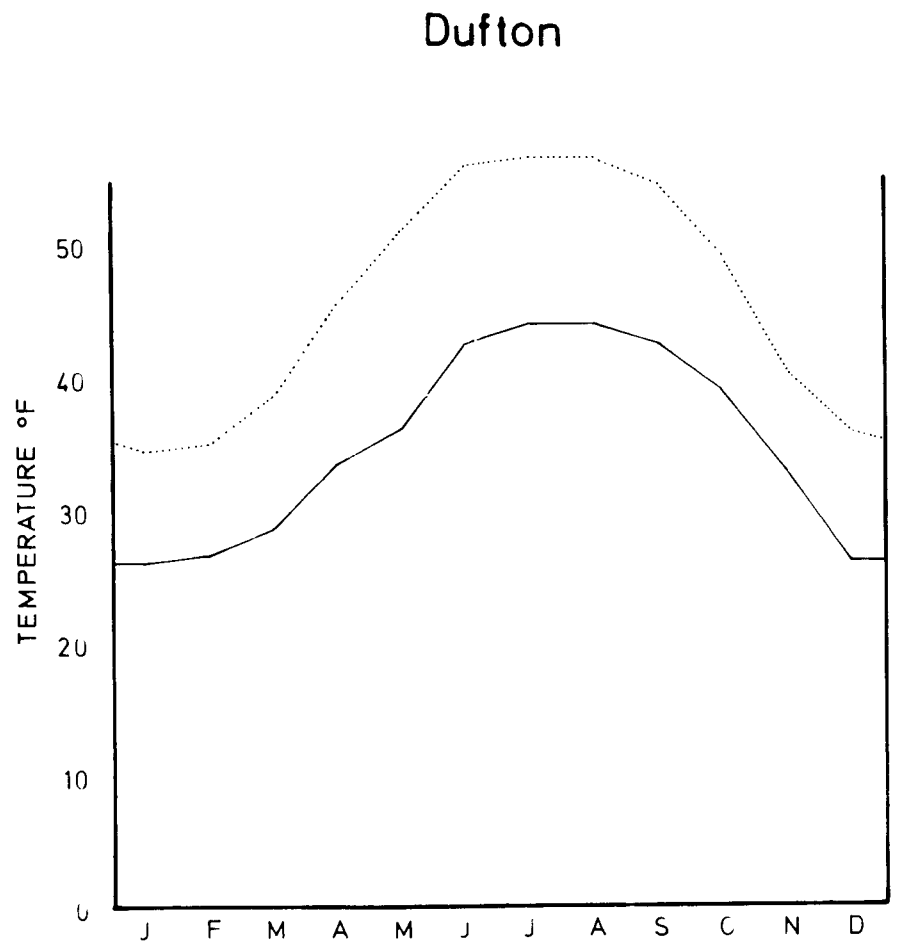


FIG. 17.

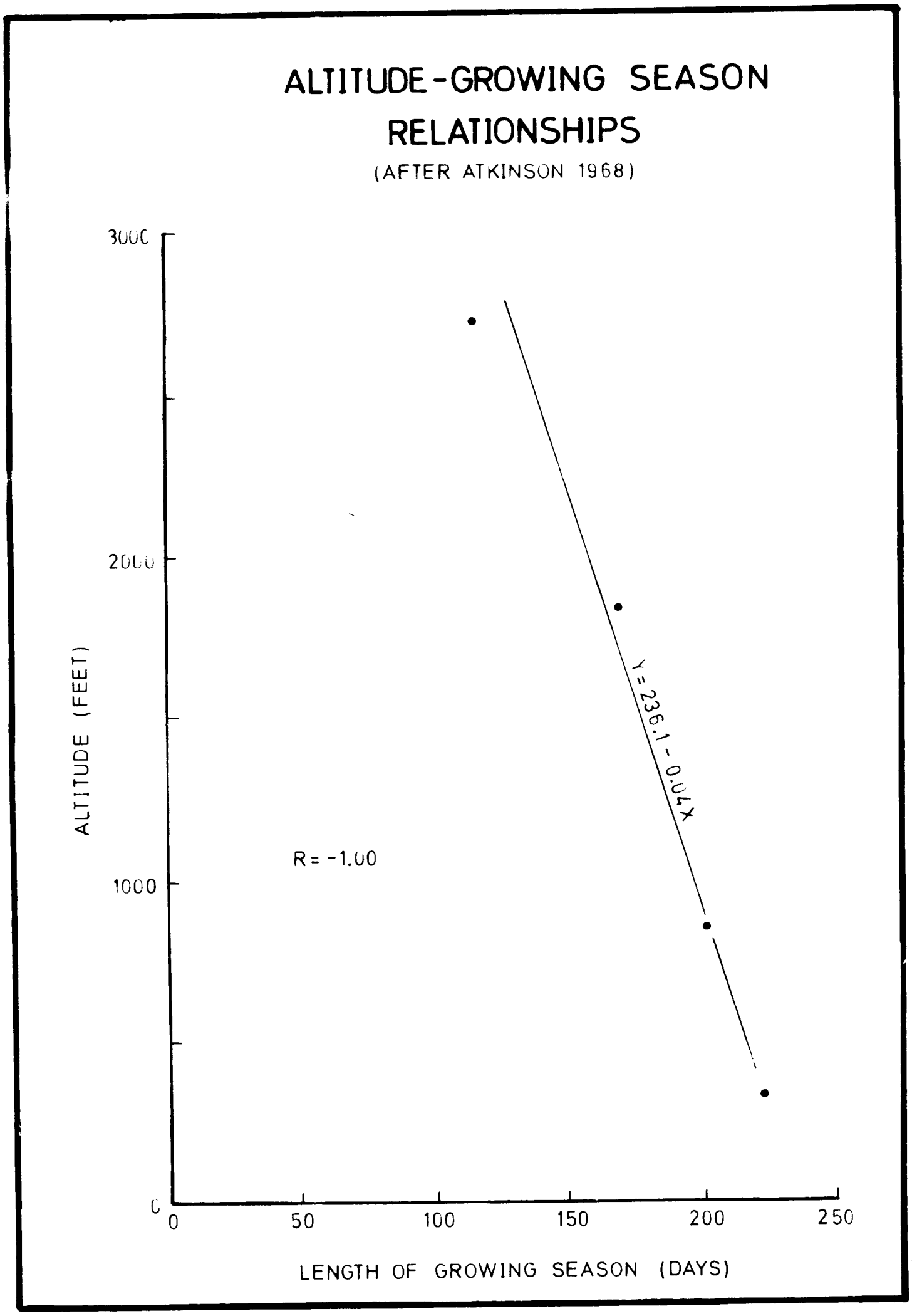

ALTITUDE-GROWING SEASON
RELATIONSHIPS
(AFTER ATKINSON 1968)
3000
2000
1000
0
ALTITUDE (FEET)
R = -1.00
Y = 236.1 - 0.04X
0
50
100
150
200
250
LENGTH OF GROWING SEASON (DAYS)

FIG. 18.

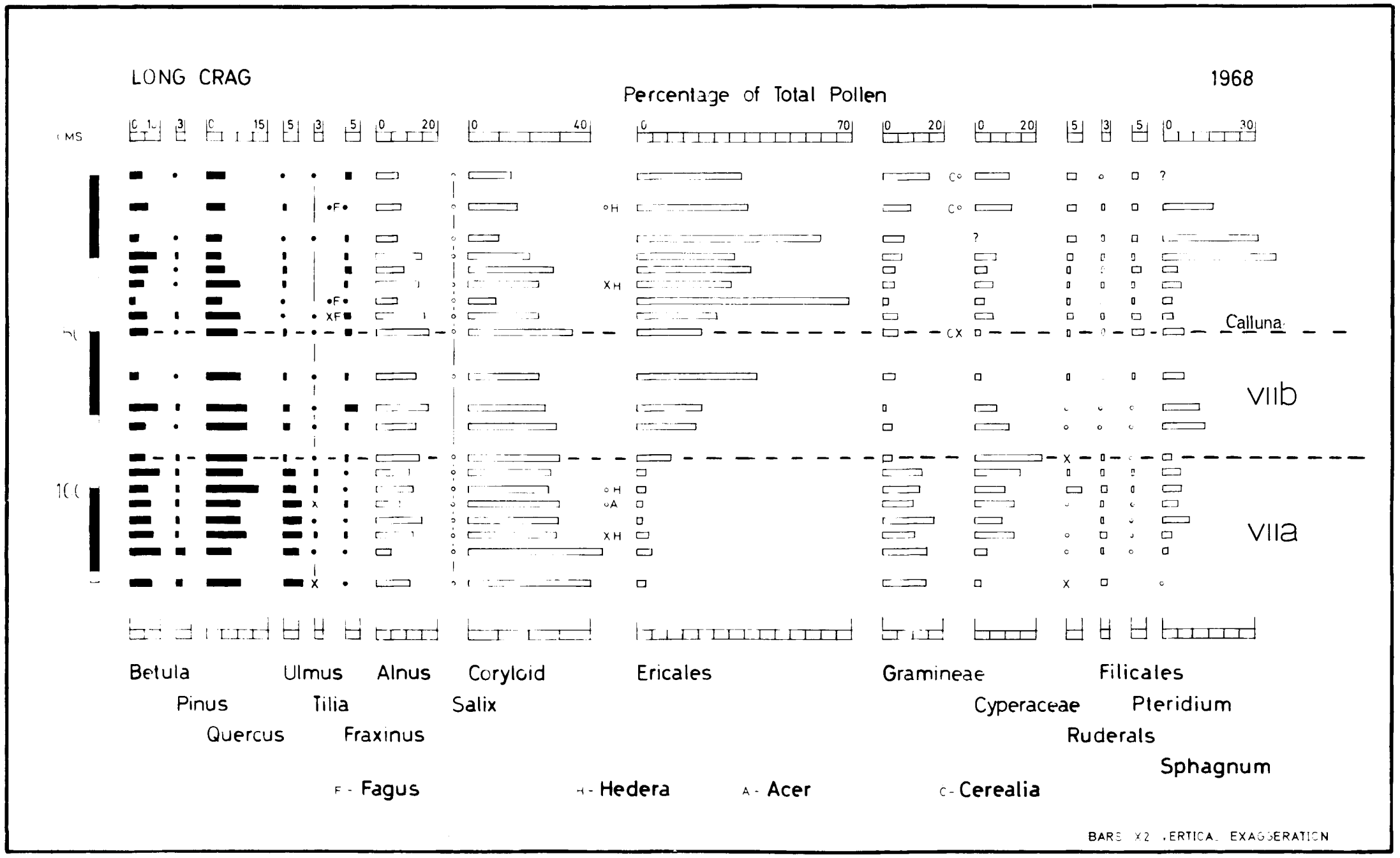


FIG. 43. Ruderals as in Figure 42.
Filipendula is omitted from the total count at 95, 100 cm.

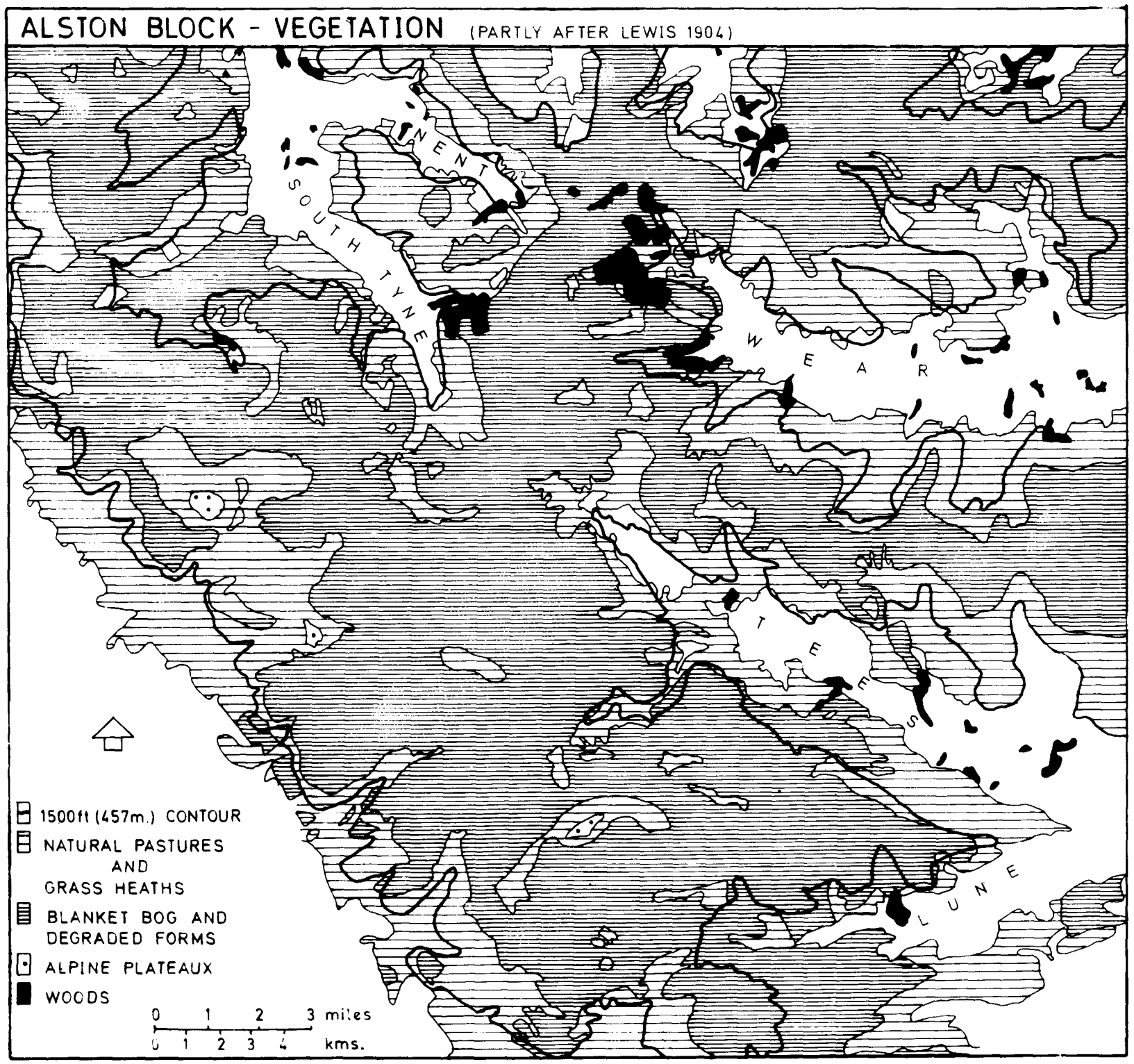

ALSTON BLOCK - VEGETATION (PARTLY AFTER LEWIS 1904)
NENT
SOUTH TYNE
WEAR
TEES
LUNE
1500ft (457m.) CONTOUR
NATURAL PASTURES AND GRASS HEATHS
BLANKET BOG AND DEGRADED FORMS
ALPINE PLATEAUX
WOODS
0 1 2 3 miles
0 1 2 3 4 kms.

FIG. 19.

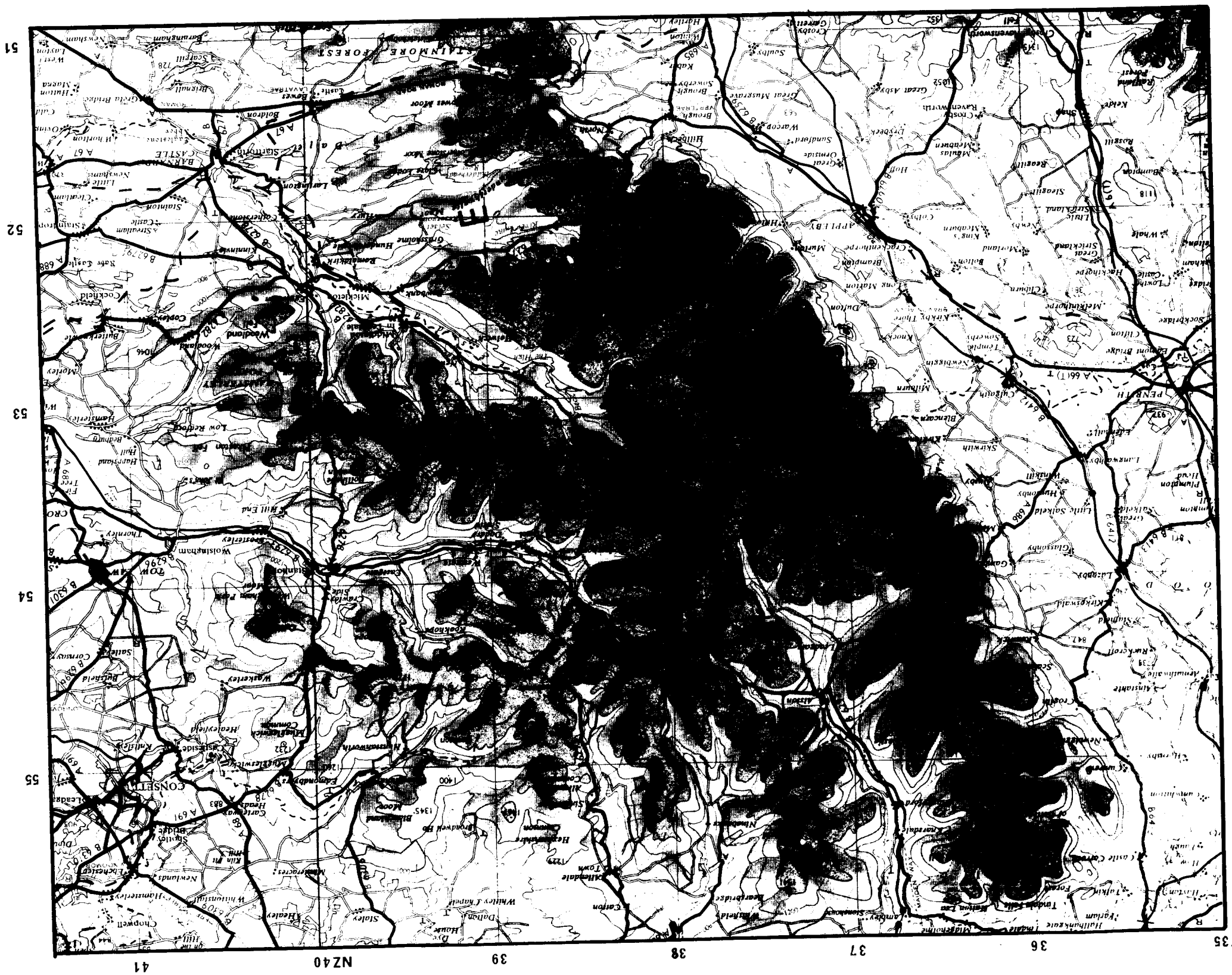


FIG. 20.

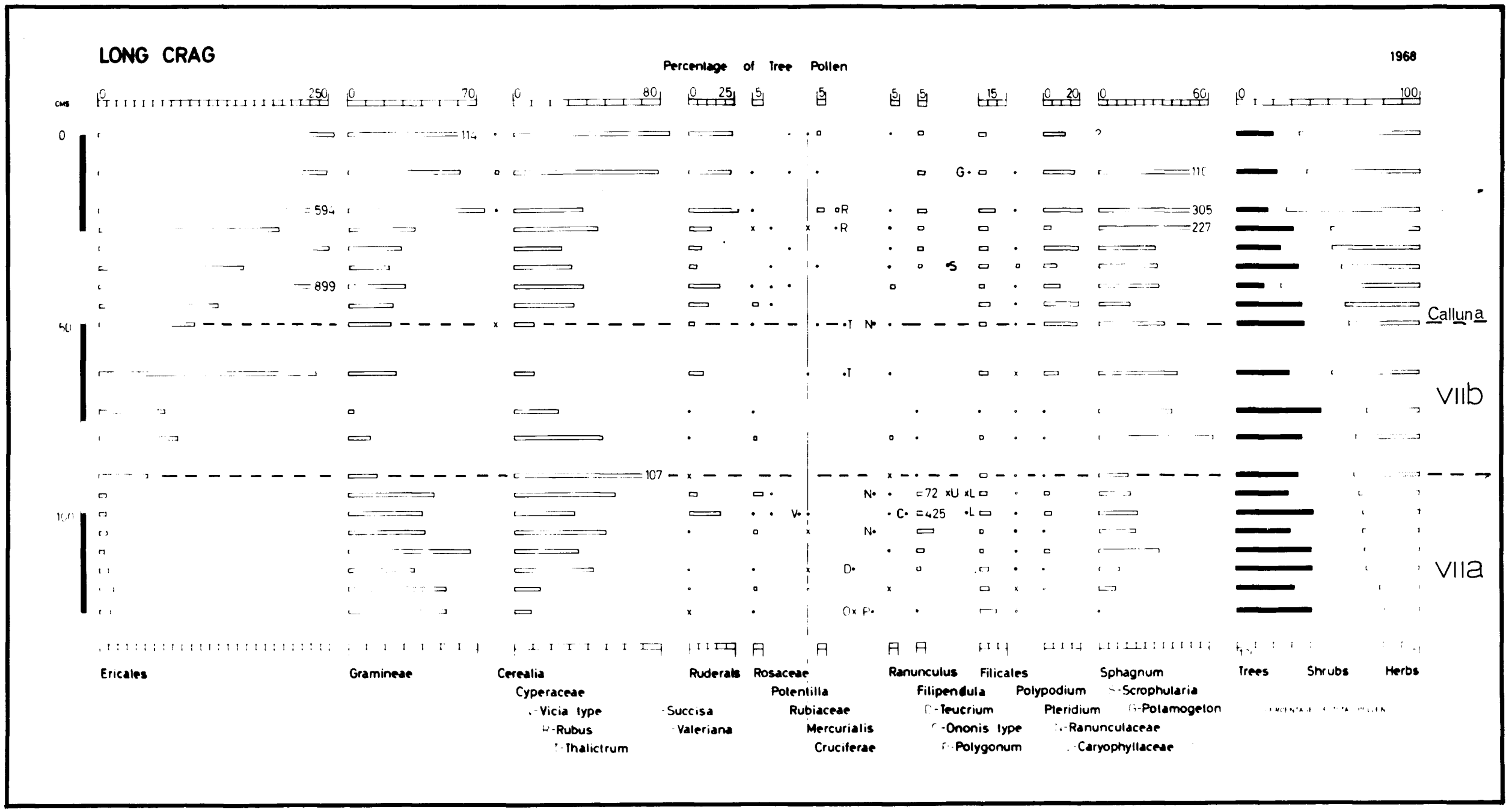


FIG. 42. Ruderals: Plantago lanceolata, P. major/media type, Rumex, Compositae, Chenopodiaceae, Artemisia, Umbelliferae and Melampyrum.

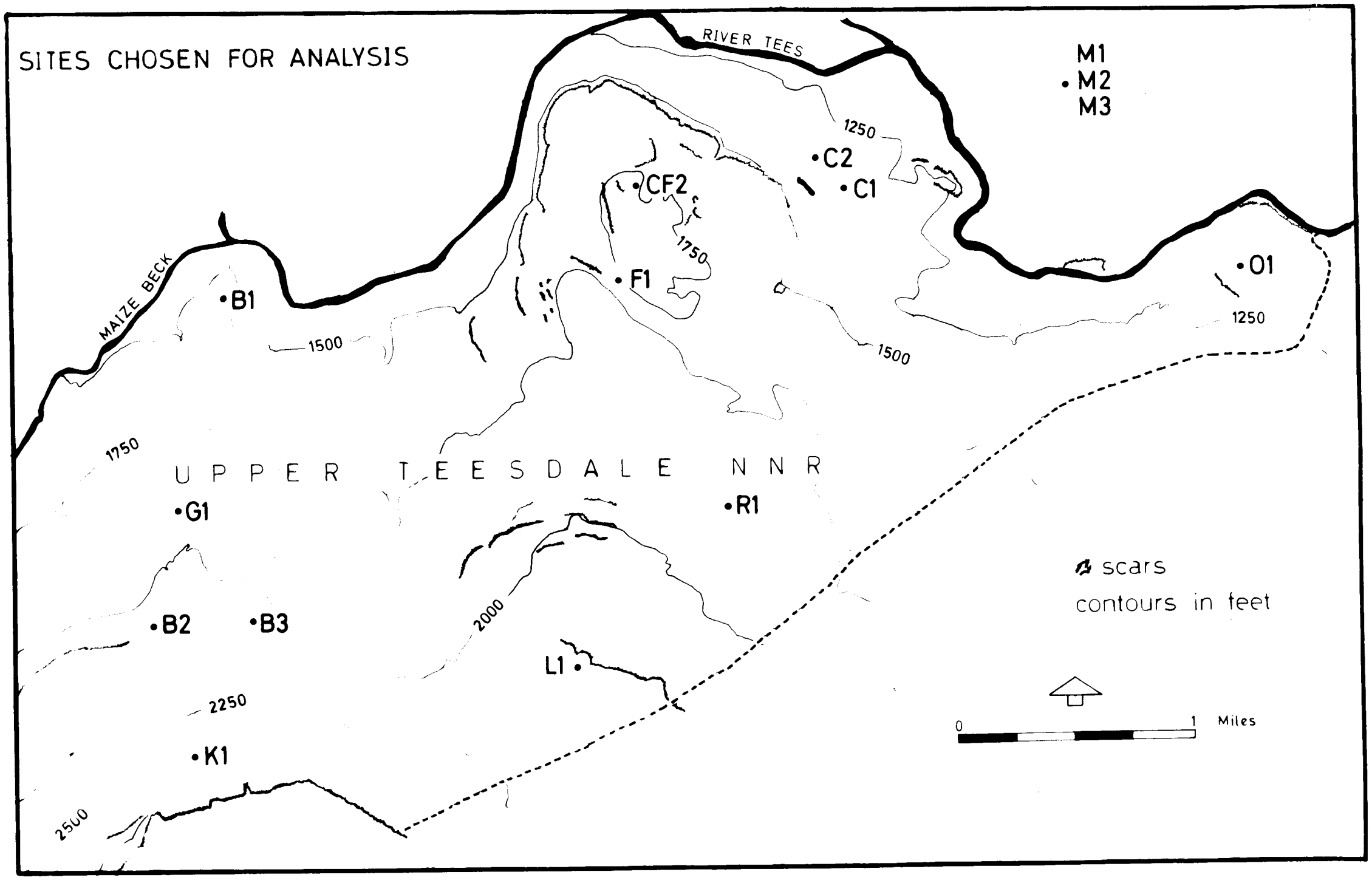
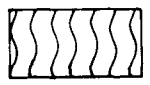
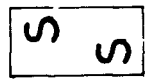

SITES CHOSEN FOR ANALYSIS
RIVER TEES
M1
M2
M3
1250
C2
C1
CF2
1750
F1
O1
1250
MAIZE BECK
B1
1500
1500
1750
U P P E R T E E S D A L E N N R
G1
R1
B2
B3
2000
L1
2250
K1
2500
scars
contours in feet
0
1
Miles

FIG. 21.

EXPLANATION OF SYMBOLS USED

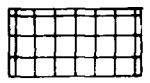

Surface root mat


Wood peat

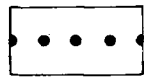

Calluna peat

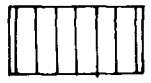

Fen peat


Eriophorum peat


Moss peat


Sphagnum peat


Charcoal


Monocotyledon peat


Quartz fragments

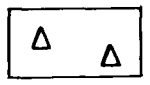

Solid obstacle

FIG. 22.

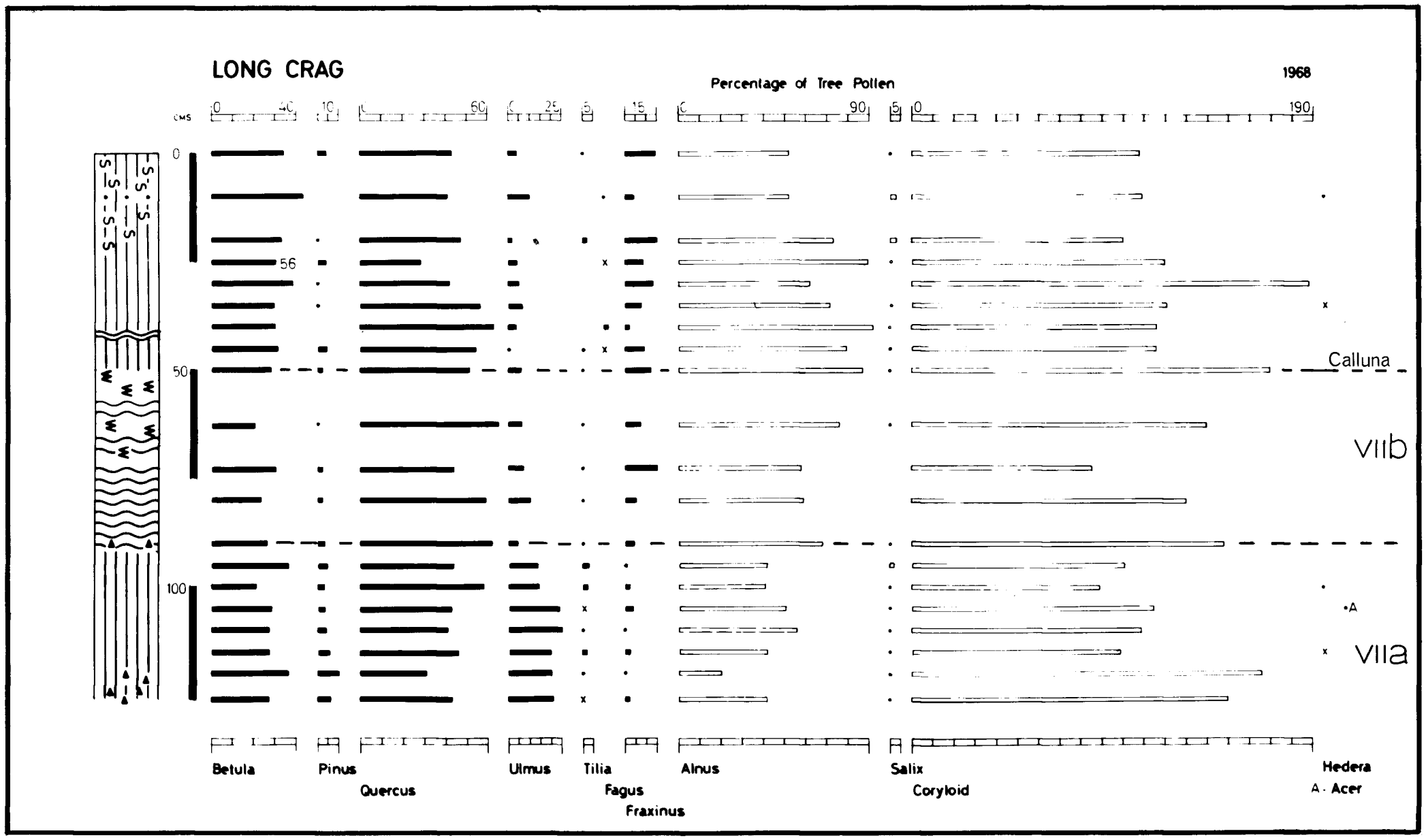

LONG CRAG
Percentage of Tree Pollen
1968
CMS
0
40
10
60
25
5
15
90
5
0
190
0
56
50
100
Calluna
VIIb
VIIa
•A
x
Betula
Pinus
Quercus
Ulmus
Tilia
Fagus
Fraxinus
Alnus
Salix
Coryloid
Hedera
A - Acer

FIG. 41.

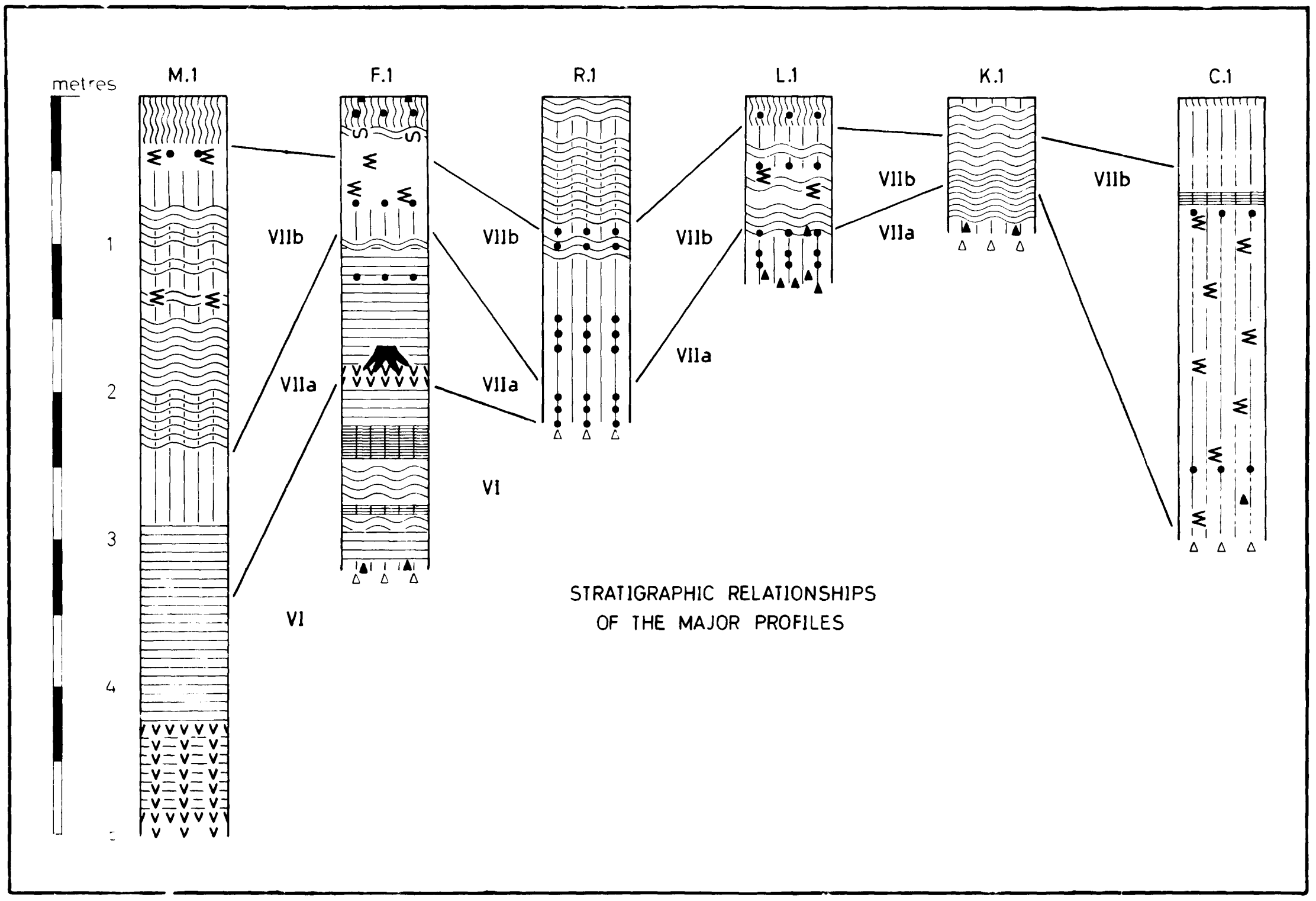

metres
M.1
F.1
R.1
L.1
K.1
C.1
1
2
3
4
VIIb
VIIa
VIIb
VIIa
VIIb
VIIa
VIIb
VI
VI
STRATIGRAPHIC RELATIONSHIPS
OF THE MAJOR PROFILES

FIG. 23.

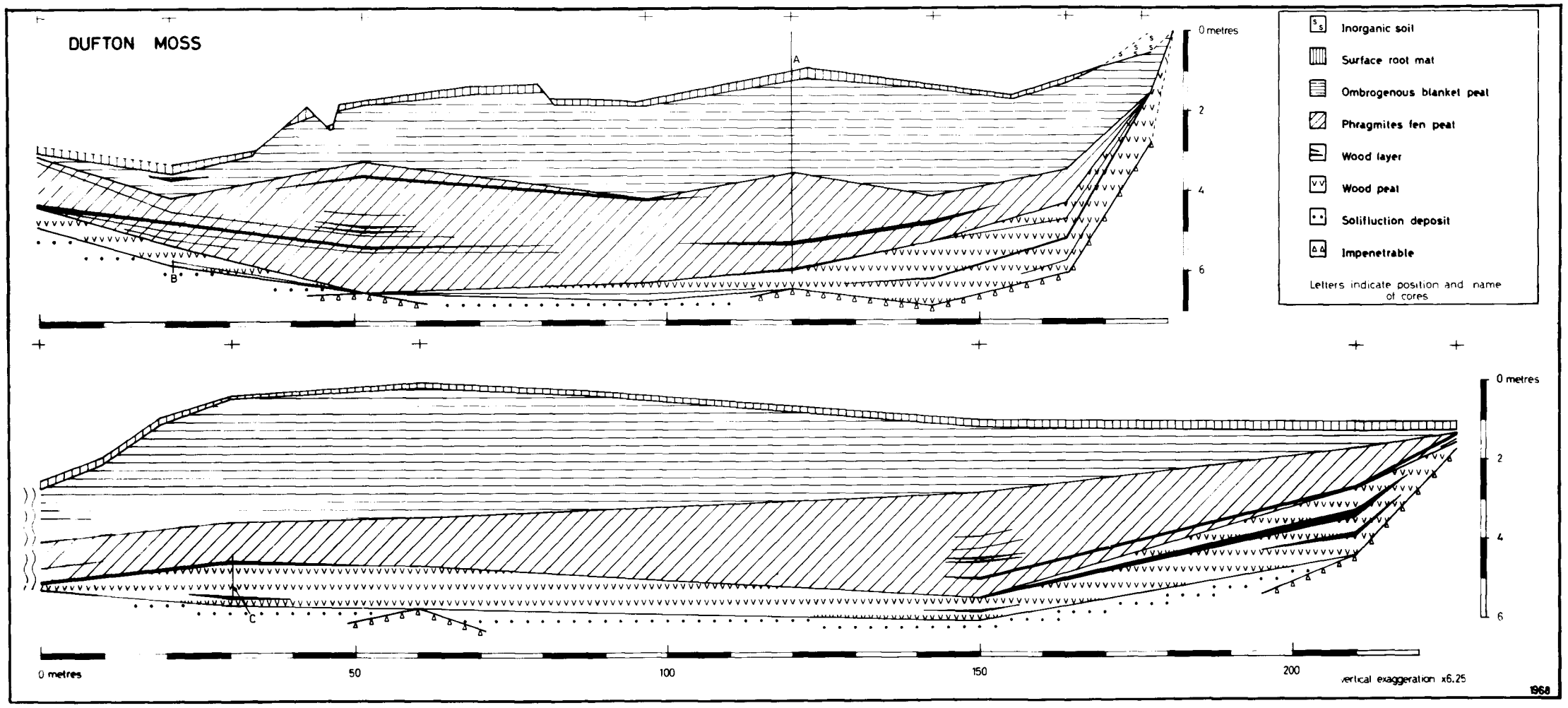

DUFTON MOSS
A
B
C
0 metres
2
4
6
Inorganic soil
Surface root mat
Ombrogenous blanket peat
Phragmites fen peat
Wood layer
Wood peat
Solifluction deposit
Impenetrable
Letters indicate position and name of cores
0 metres
50
100
150
200
Vertical exaggeration x6.25
1968

FIG. 24.

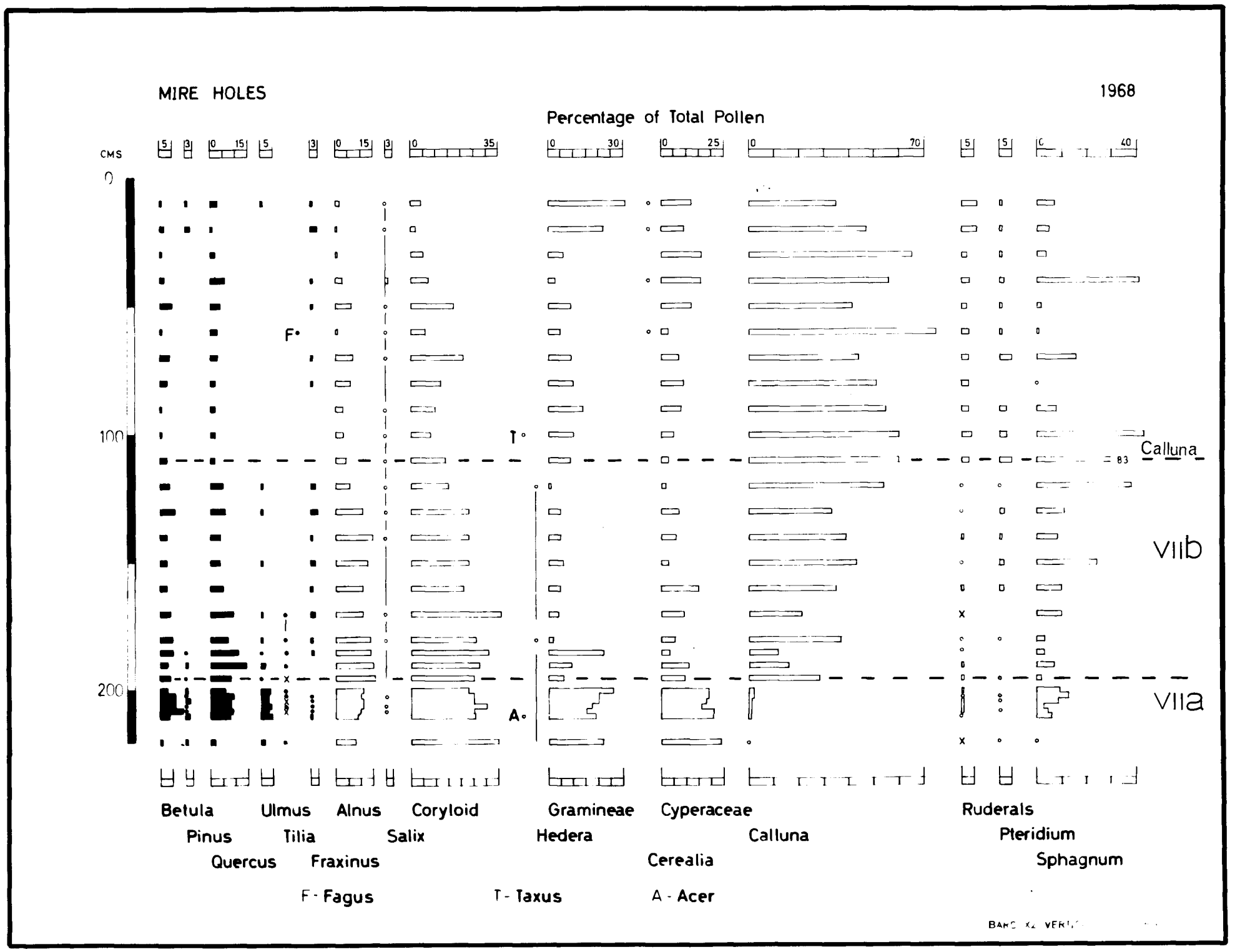


FIG. 40. Ruderals as in fig. 39.

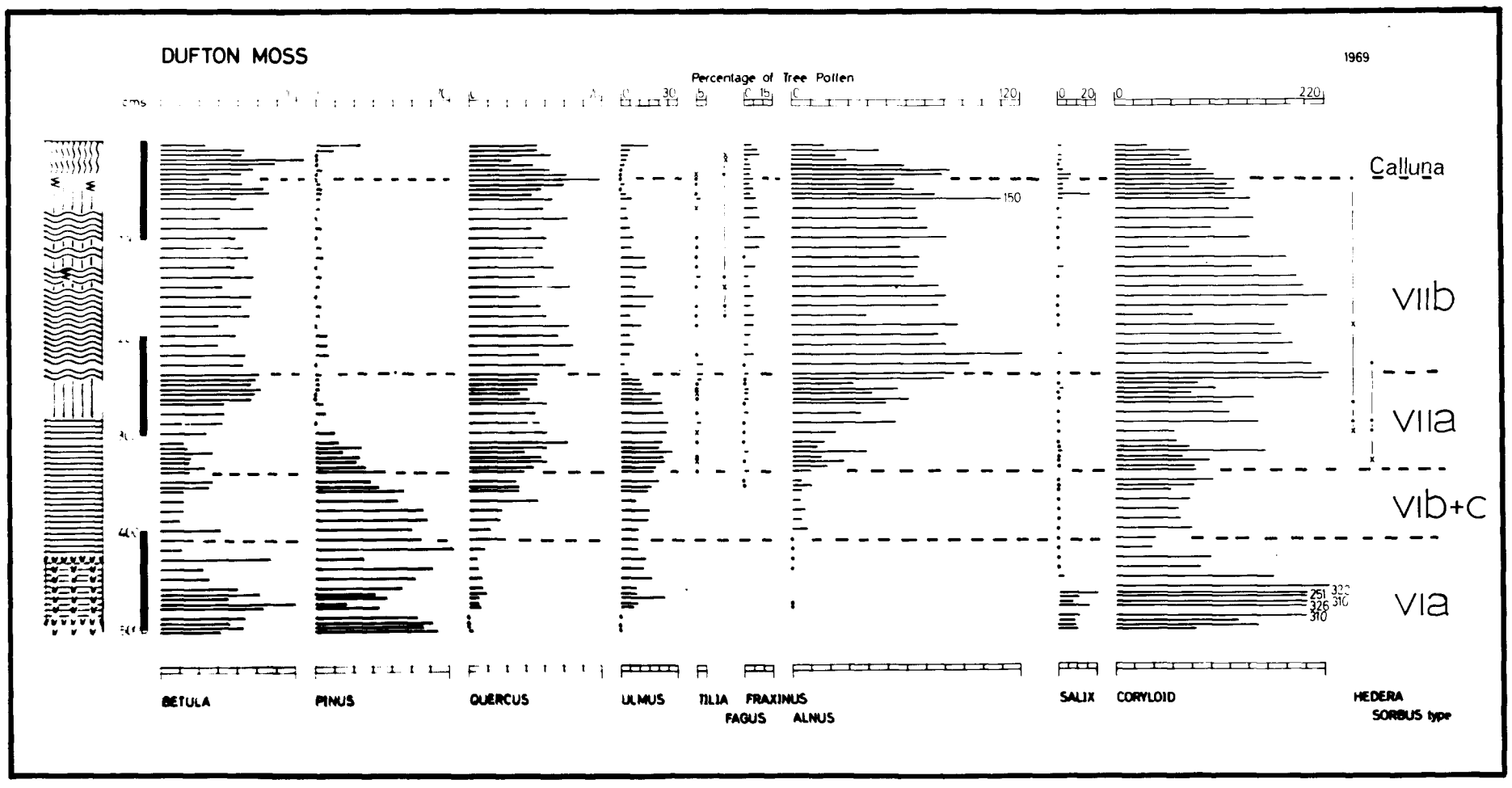

DUFTON MOSS
1969
Percentage of Tree Pollen
cms
30
15
15
120
20
0
220
150
Calluna
VIIb
VIIa
VIb+c
VIa
251
326
310
BETULA
PINUS
QUERCUS
ULMUS
TILIA
FRAXINUS
FAGUS
ALNUS
SALIX
CORYLOID
HEDERA
SORBUS type

FIG. 25.

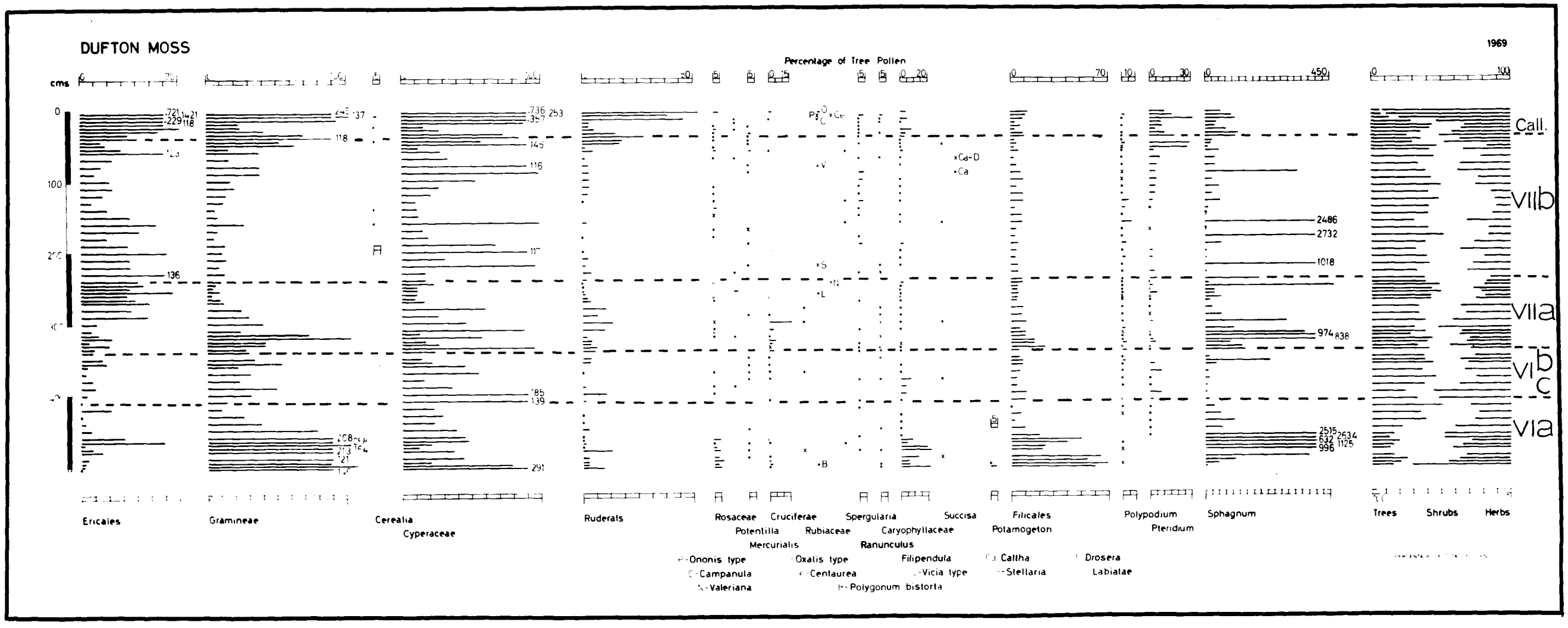


FIG. 26. Ruderals: Plantago lanceolata, P. major/media type, Rumex, Chenopodiaceae, Compositae, Artemesia, Umbelliferae and Melampyrum.

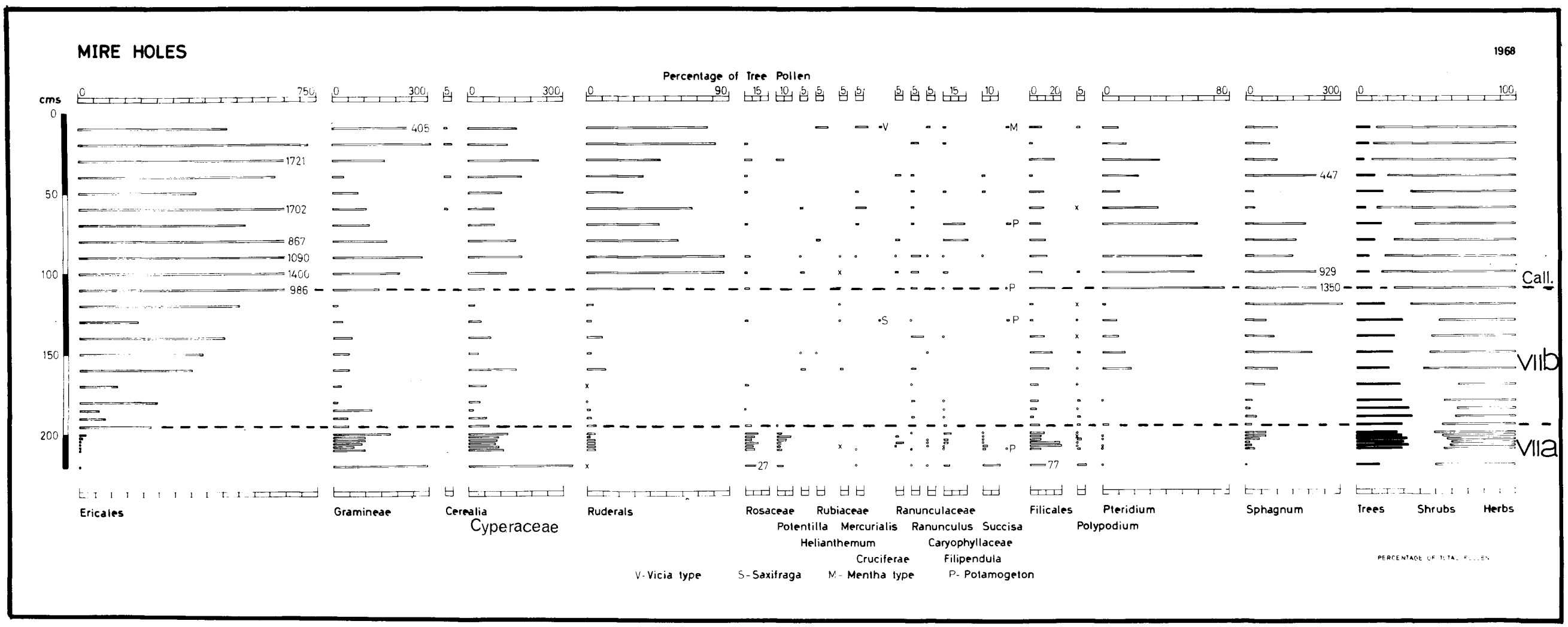


FIG. 39. Ruderals: Plantago lanceolata, P. major/media type, Compositae, Artemisia, Rumex, Umbelliferae, Chenopodiaceae, Melampyrum and Centaurea cyanus.

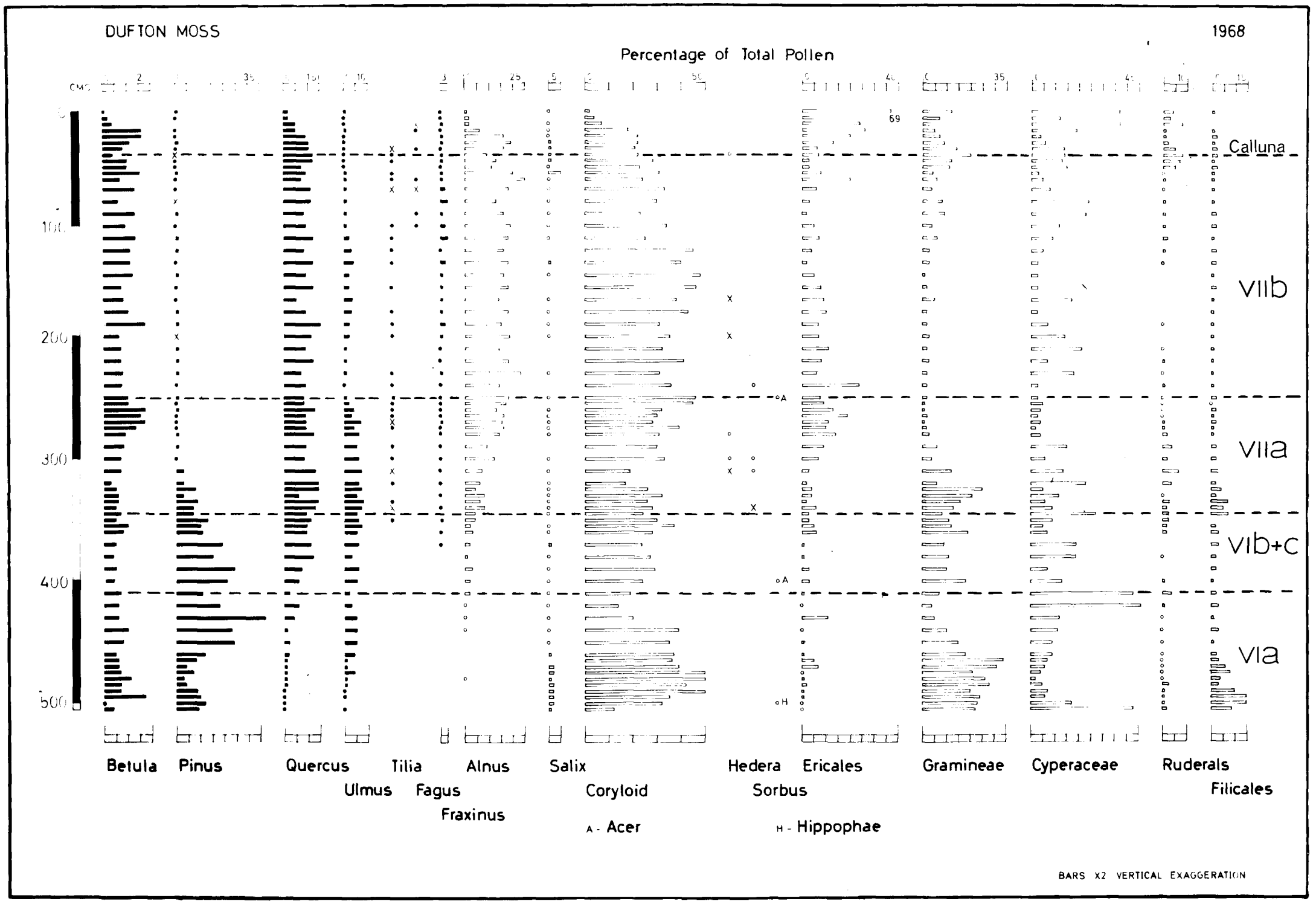


FIG. 27. Ruderals as in Fig. 26.

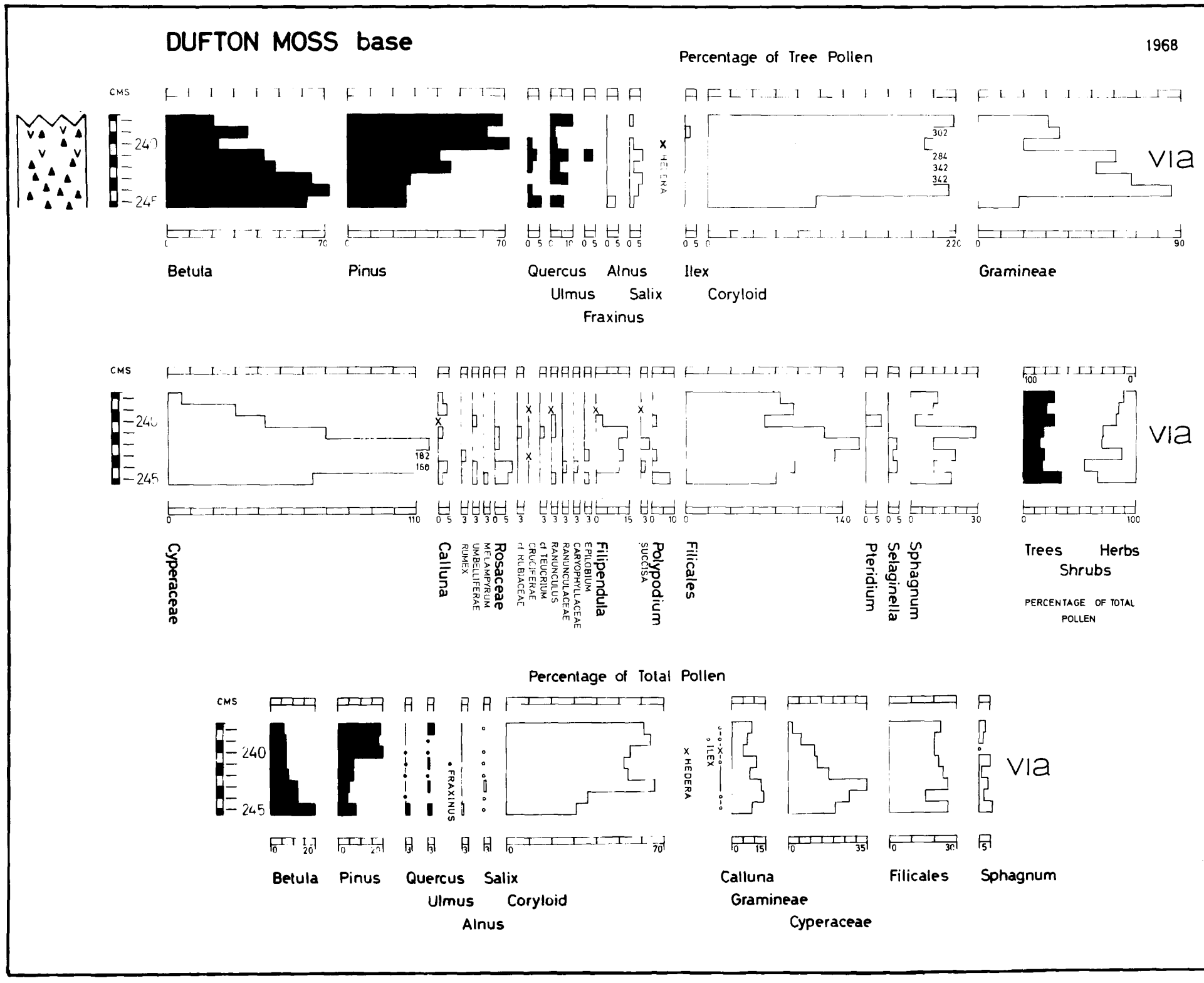


FIG. 28. Melampyrum, Umbelliferae and Rumex are grouped as ruderals in data sheet 2.

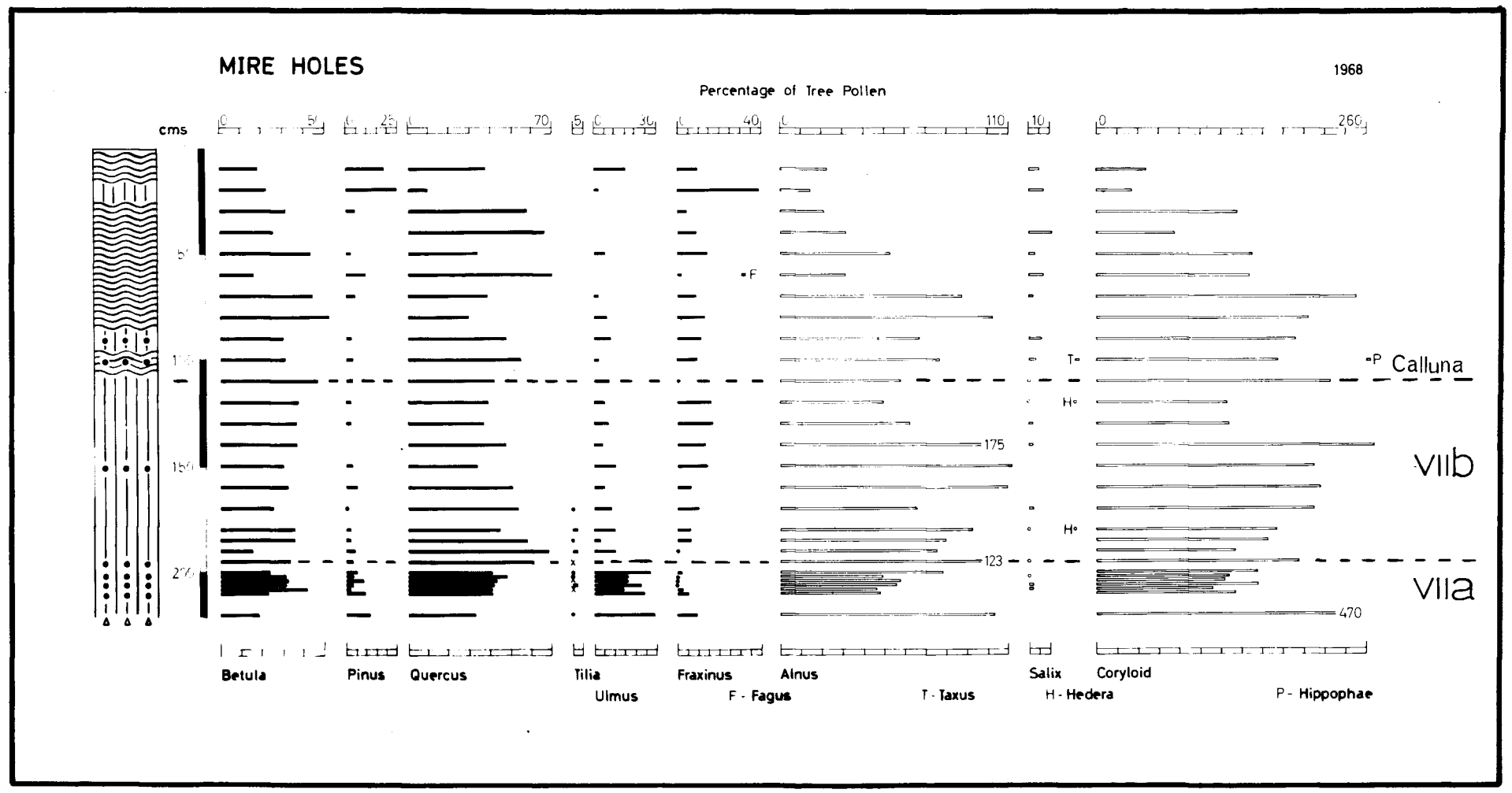

MIRE HOLES
1968
Percentage of Tree Pollen
cms
0
5
25
70
5
0
30
40
110
10
0
260
5'
1'
15'
2'
F
T
H
H
175
123
470
P Calluna
VIIb
VIIa
Betula
Pinus
Quercus
Tilia
Ulmus
Fraxinus
Alnus
Salix
Coryloid
F - Fagus
T - Taxus
H - Hedera
P - Hippophae

FIG. 38.

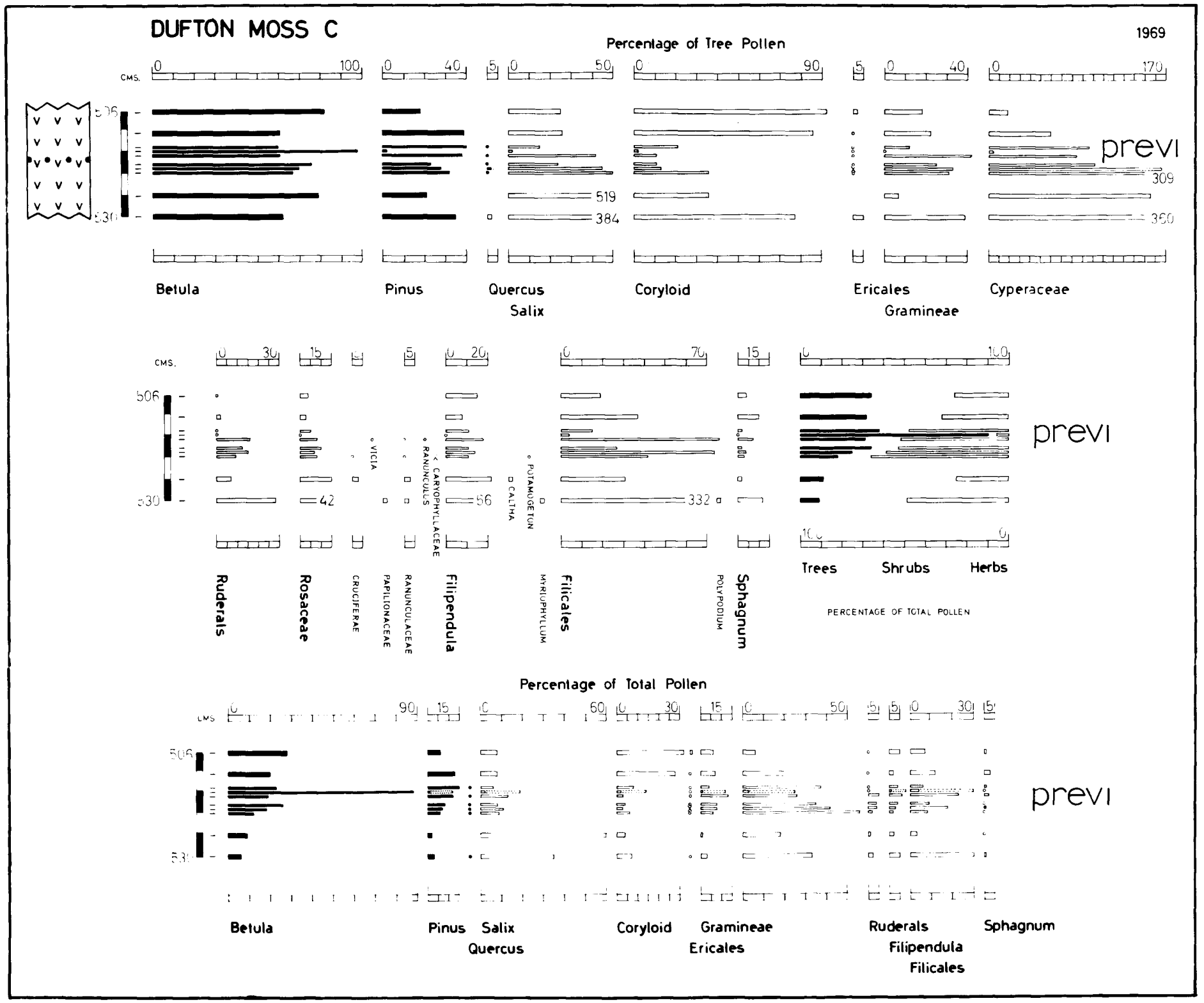


FIG. 29. Ruderals: Plantago major/media type, Rumex, Compositae, Chenopodiaceae, Umbelliferae and Melampyrum.
The dotted lines indicate the percentage occurrence with Betula excluded from the total pollen.

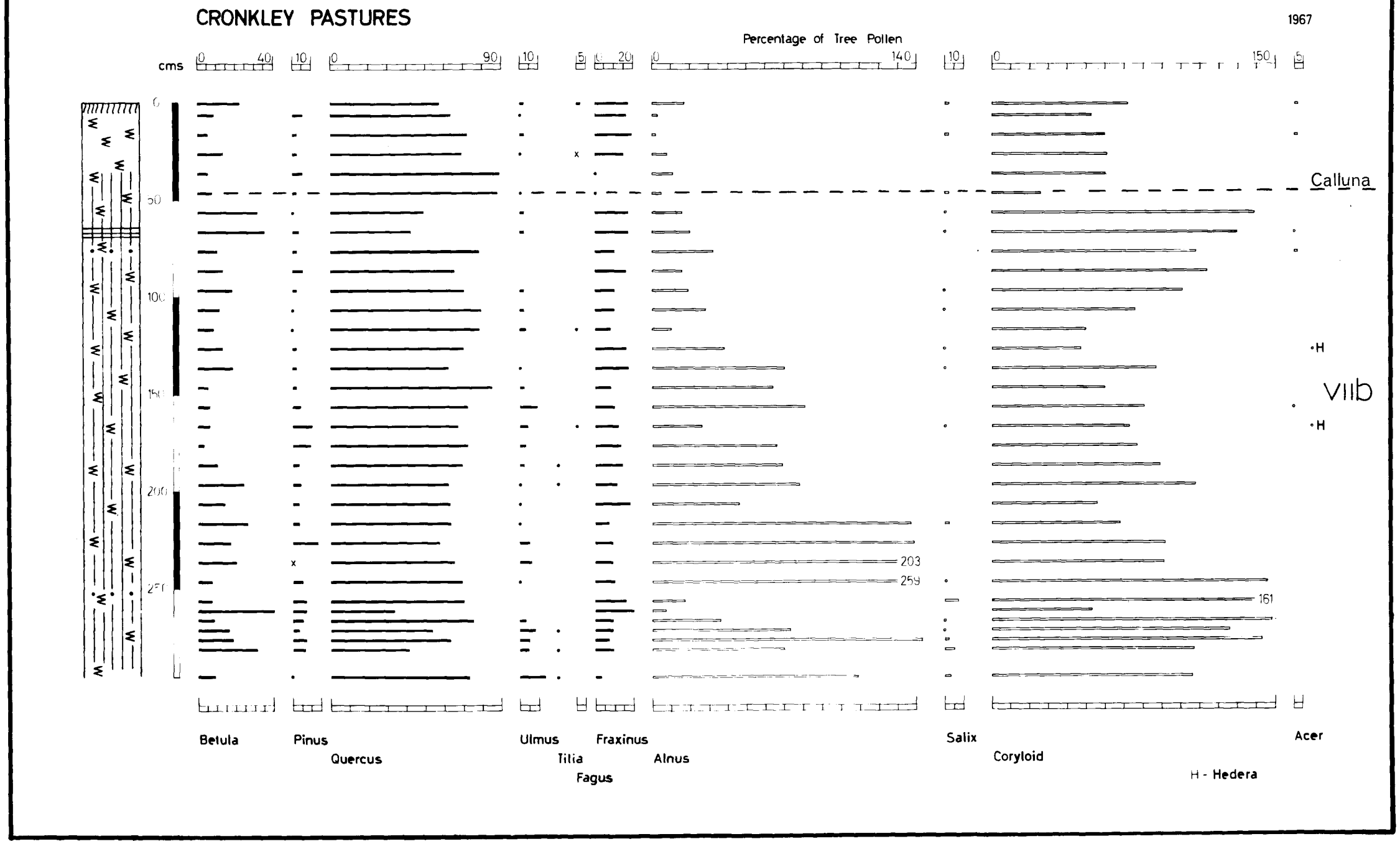

CRONKLEY PASTURES
1967
Percentage of Tree Pollen
cms
0
40
10
90
5
20
140
150
50
100
150
200
250
Calluna
VIIb
H
203
259
161
Betula
Pinus
Quercus
Ulmus
Tilia
Fagus
Fraxinus
Alnus
Salix
Coryloid
Acer
H - Hedera

FIG. 30.

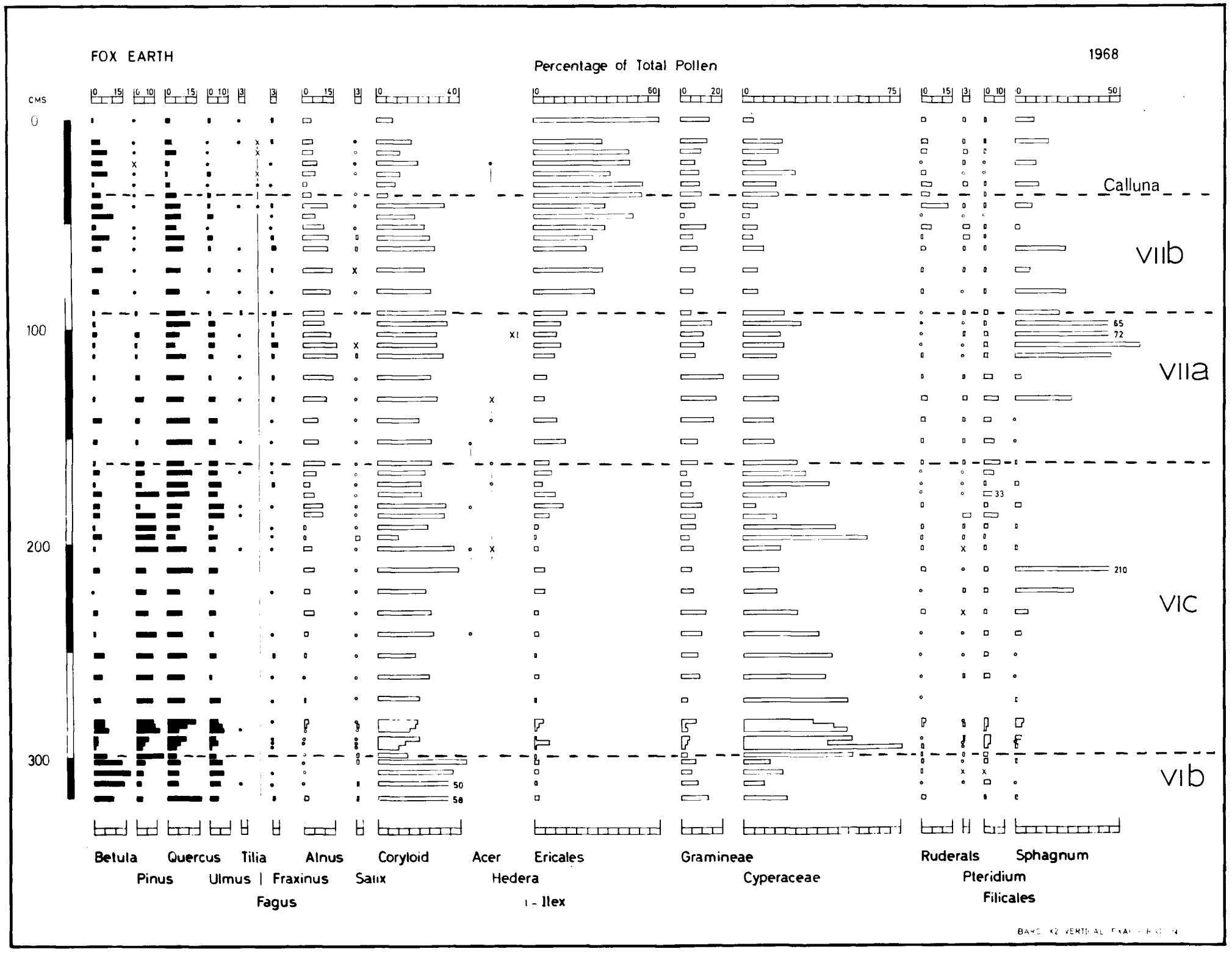


FIG. 37. Ruderals as in fig. 36.

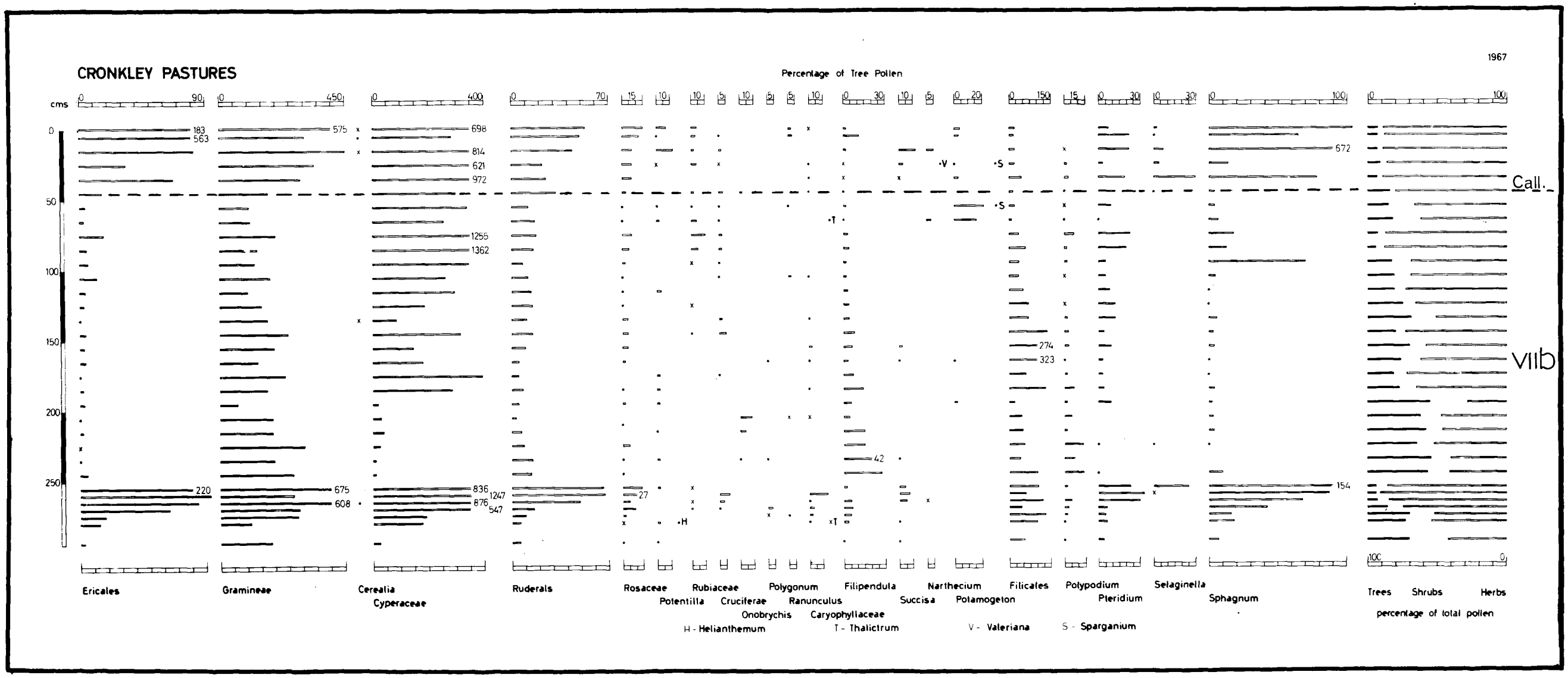


FIG. 31. Ruderals: Plantago lanceolata, P. major/media type, Artemisia, Rumex, Chenopodiaceae, Compositae, Melampyrum, Polygonum convolvulus type, Umbelliferae and Urtica.

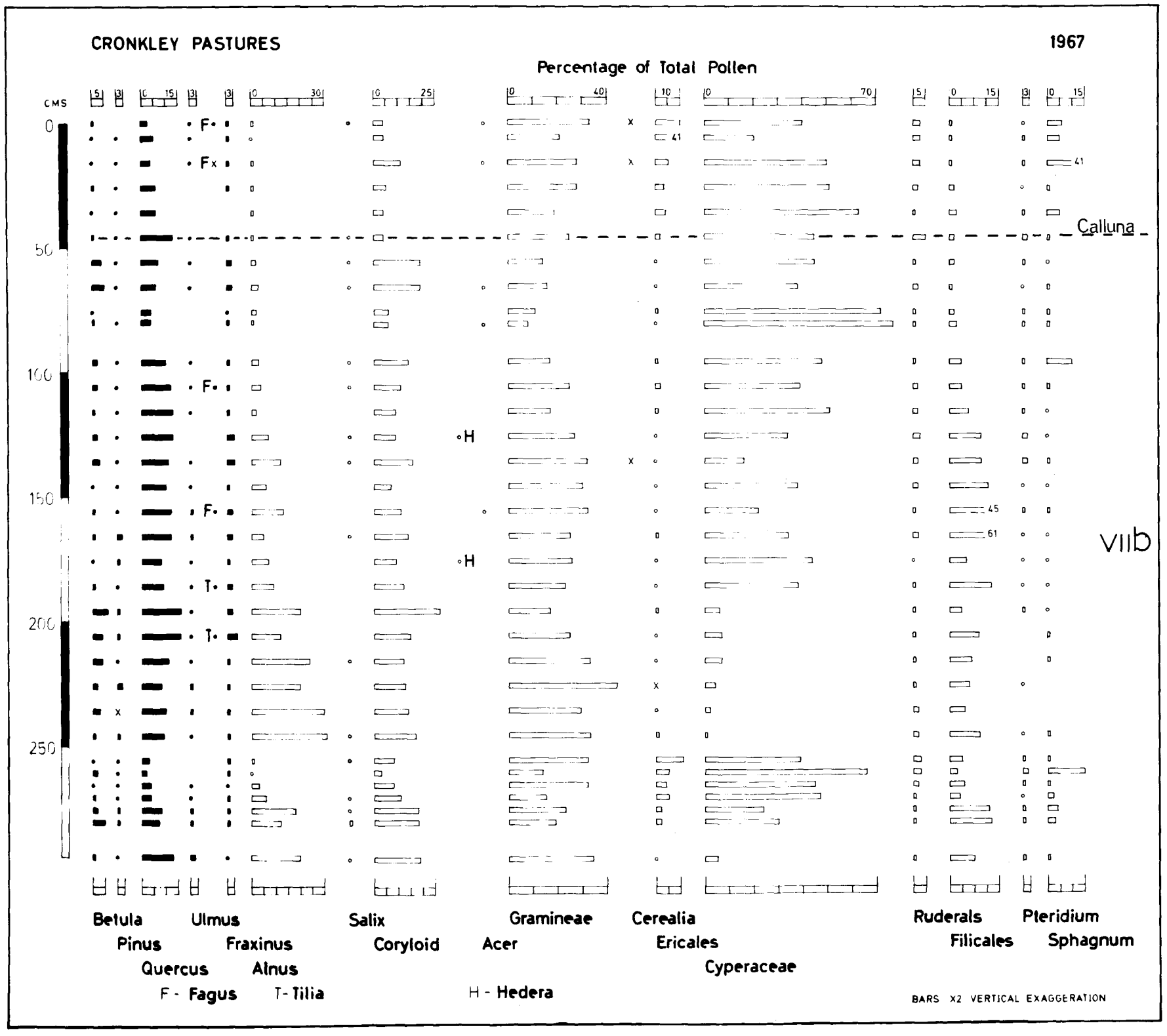


FIG. 32. Ruderals as in fig. 31.

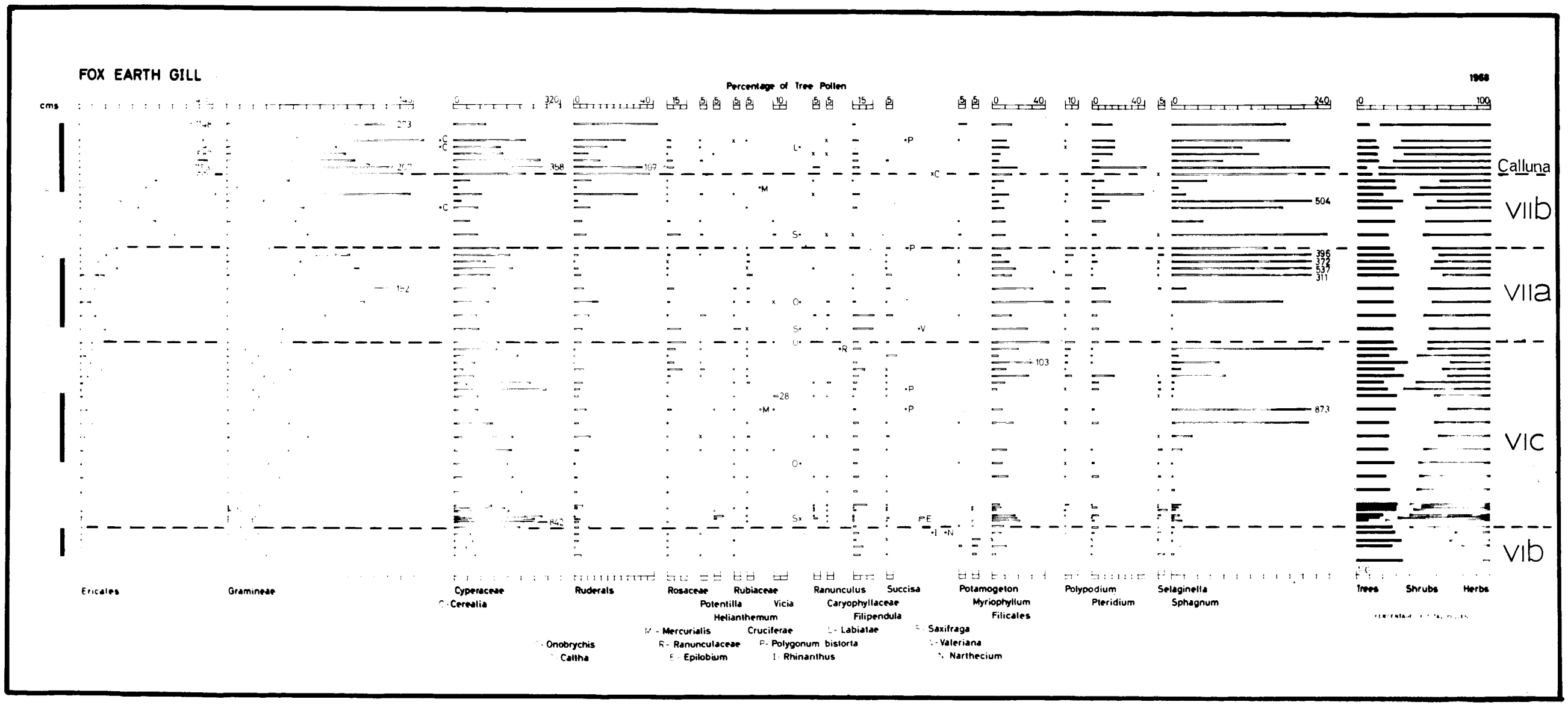


FIG. 36. Ruderals: Plantago lanceolata, P. major/media type, Compositae, Rumex, Artemisia, Umbelliferae, Chenopodiaceae, Urtica and Melampyrum.

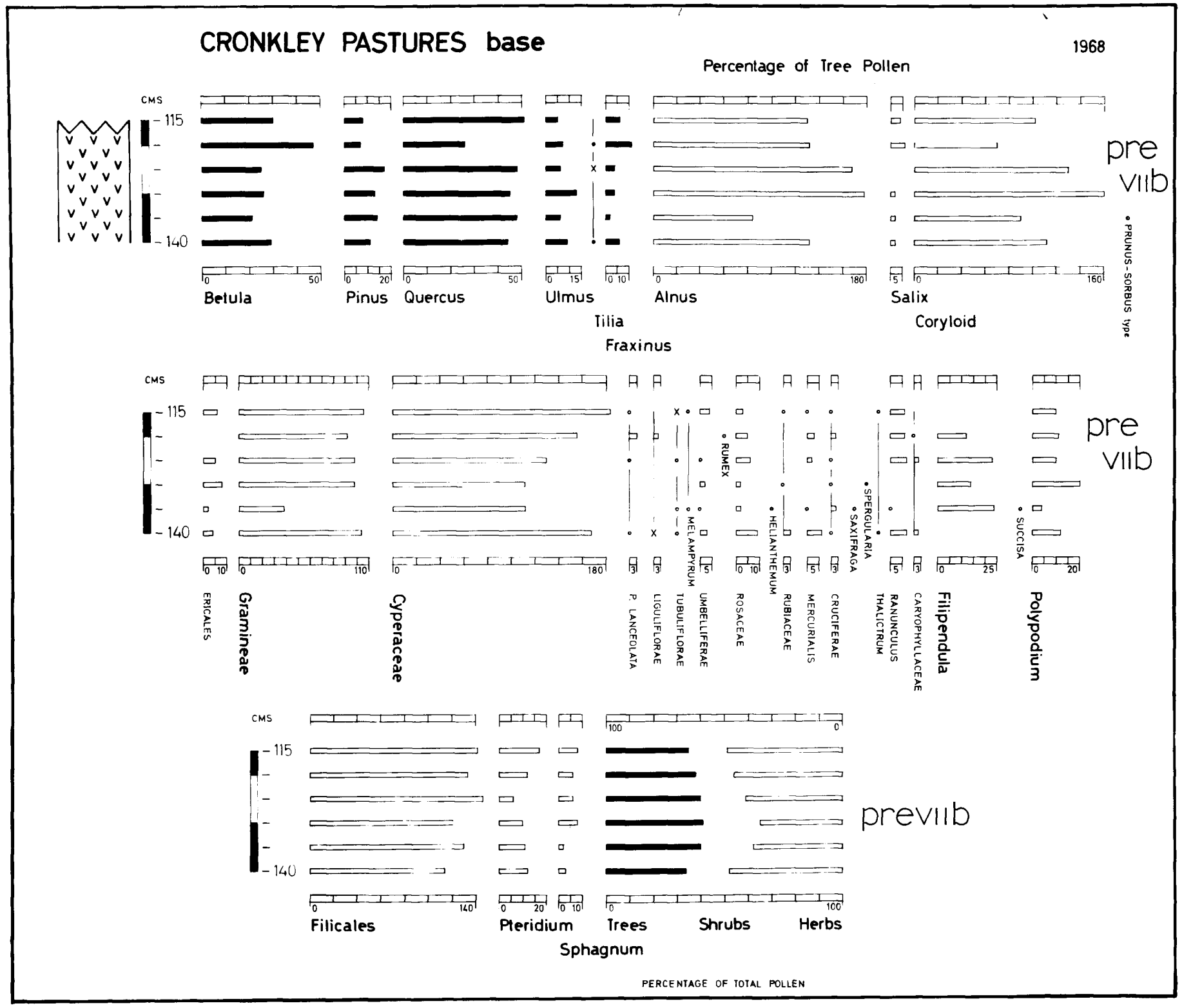


FIG. 33. Plantago lanceolata, Compositae, Melampyrum, Umbelliferae and Rumex are grouped as ruderals in data sheet 5.

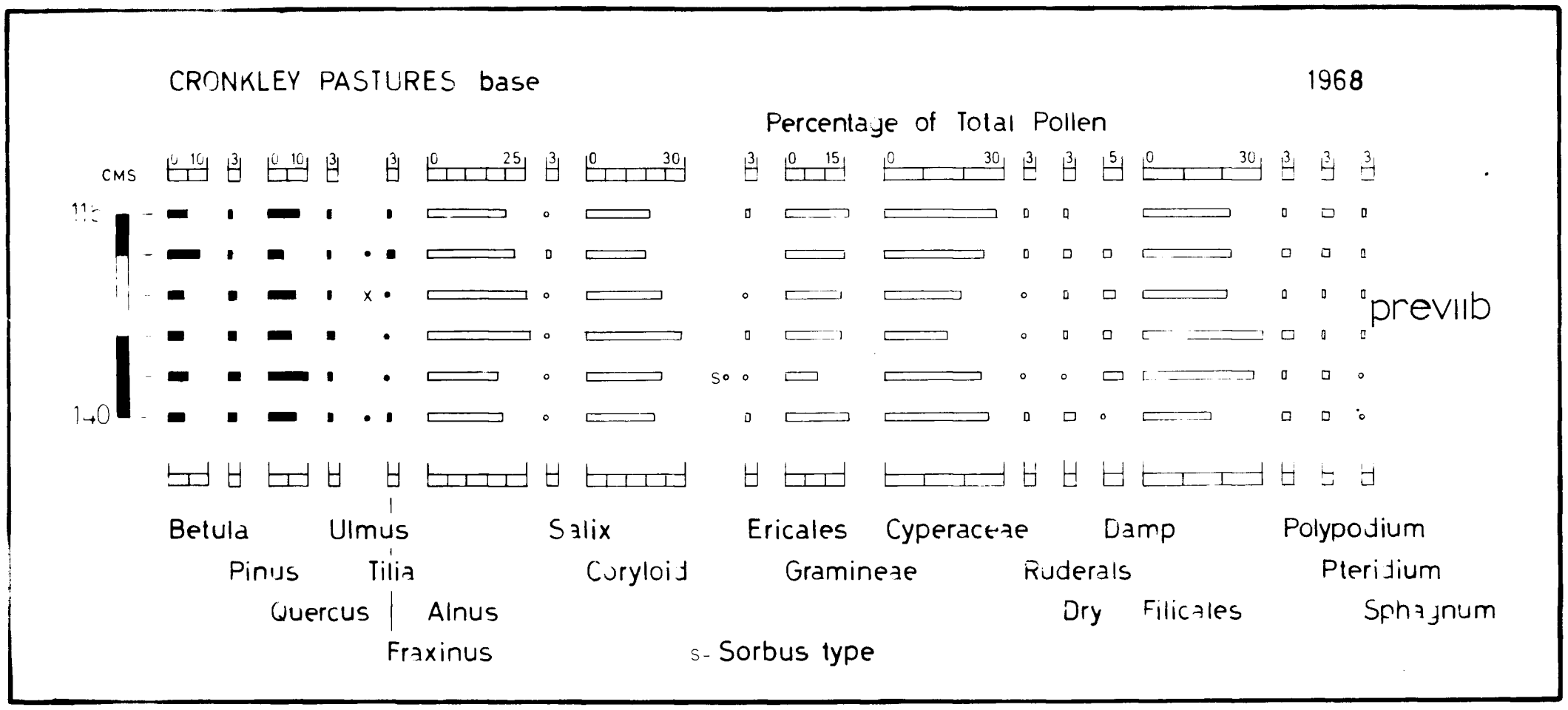


FIG. 34: Ruderals: Plantago lanceolata, Compositae, Melampyrum, Umbelliferae and Rumex.
Dry: Rosaceae, Helianthemum, Rubiaceae, Cruciferae, Saxifraga and Spergularia.
Damp: Thalictrum, Ranunculus, Caryophyllaceae, Filipendula, Succisa and Mercurialis.

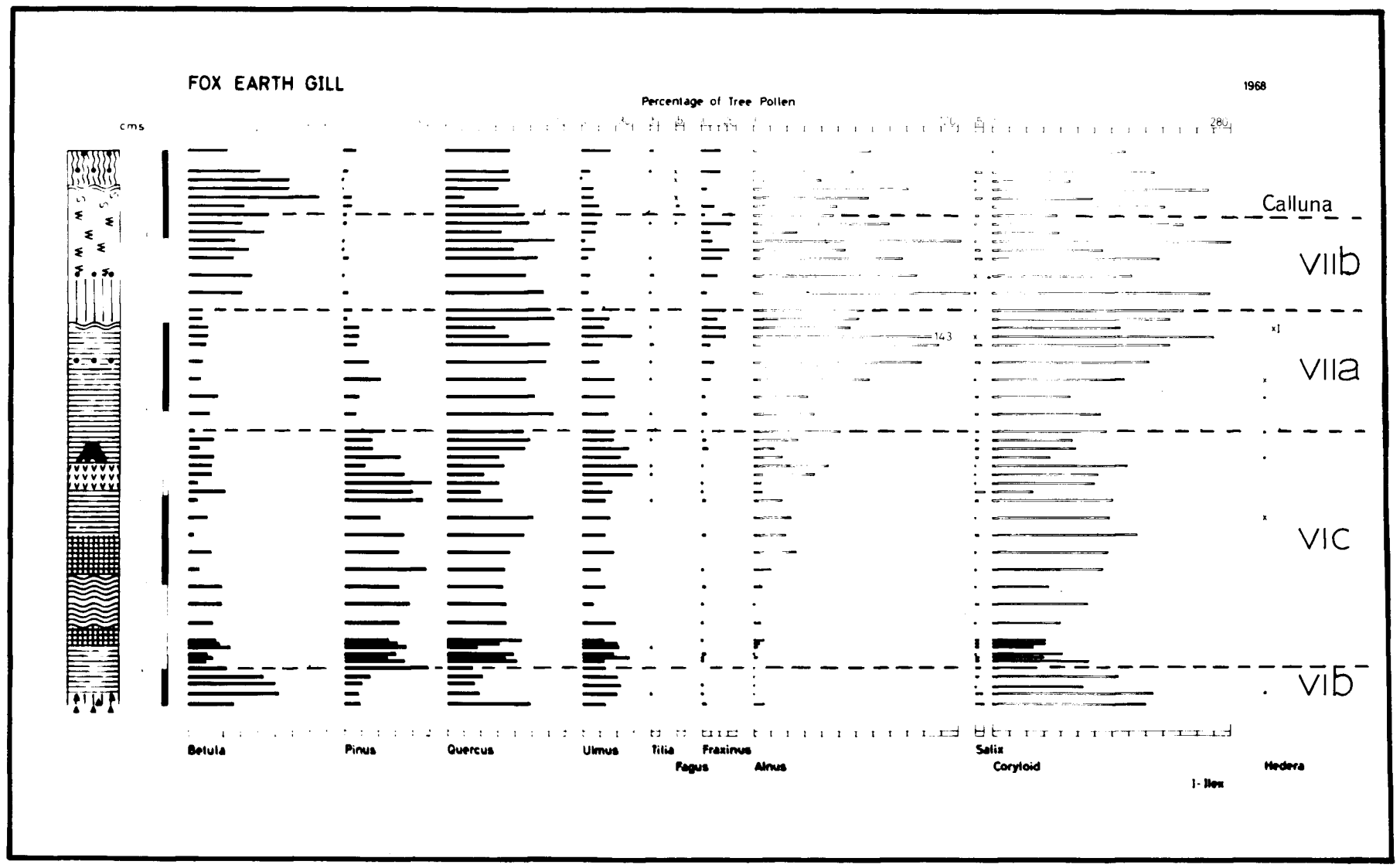

FOX EARTH GILL
1968
Percentage of Tree Pollen
cms
Calluna
VIIb
VIIa
VIC
VIb
143
Betula
Pinus
Quercus
Ulmus
Tilia
Fraxinus
Fagus
Alnus
Salix
Coryloid
I- Ilex
Hedera

FIG. 35.

DUFTON MOSS A 1969
POLLEN GRAINS COUNTED

DEPTHS											
5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	51.0	55.0	60.0
70.0	80.0	90.0	99.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
190.0	200.0	210.0	220.0	230.0	240.0	245.0	250.0	255.0	260.0	265.0	270.0
280.0	290.0	300.0	310.0	315.0	320.0	325.0	328.0	335.0	340.0	350.0	355.0
360.0	370.0	380.0	390.0	400.0	410.0	420.0	430.0	440.0	450.0	460.0	465.0
470.0	475.0	480.0	485.0	490.0	495.0	500.0					
COUNT											
BET											
11.0	24.0	45.0	124.0	89.0	68.0	58.0	35.0	63.0	78.0	83.0	47.0
77.0	42.0	78.0	59.0	67.0	64.0	58.0	75.0	50.0	35.0	66.0	69.0
44.0	53.0	44.0	65.0	71.0	77.0	65.0	79.0	90.0	71.0	74.0	50.0
58.0	51.0	41.0	23.0	22.0	40.0	25.0	23.0	36.0	25.0	53.0	40.0
24.0	21.0	24.0	20.0	53.0	35.0	23.0	53.0	52.0	53.0	62.0	33.0
69.0	56.0	71.0	74.0	96.0	83.0	31.0					
PIN											
11.0	5.0	1.0	1.0	2.0	4.0	1.0	9001.0	3.0	4.0	4.0	3.0
3.0	9001.0	4.0	2.0	5.0	6.0	2.0	5.0	4.0	1.0	5.0	5.0
9001.0	8.0	9.0	10.0	2.0	5.0	3.0	4.0	3.0	2.0	2.0	6.0
9.0	2.0	17.0	22.0	38.0	21.0	36.0	33.0	40.0	61.0	55.0	53.0
89.0	76.0	112.0	113.0	86.0	113.0	149.0	120.0	146.0	114.0	71.0	20.0
74.0	13.0	44.0	89.0	57.0	108.0	64.0					
QU											
17.0	20.0	48.0	38.0	52.0	60.0	71.0	98.0	75.0	55.0	48.0	52.0
63.0	72.0	47.0	61.0	61.0	49.0	68.0	55.0	83.0	20.0	59.0	70.0
79.0	64.0	81.0	54.0	82.0	56.0	48.0	61.0	54.0	39.0	51.0	62.0
61.0	59.0	70.0	97.0	64.0	42.0	59.0	64.0	51.0	48.0	48.0	42.0
50.0	64.0	33.0	32.0	19.0	39.0	17.0	8.0	12.0	16.0	11.0	6.0
10.0	7.0	8.0	2.0	1.0	3.0	2.0					
ULM											
6.0	3.0	4.0	5.0	3.0	2.0	2.0	1.0	3.0	1.0	5.0	7.0
5.0	5.0	7.0	10.0	10.0	19.0	22.0	13.0	13.0	13.0	29.0	7.0
17.0	7.0	10.0	8.0	4.0	6.0	13.0	19.0	21.0	31.0	27.0	33.0
39.0	40.0	40.0	41.0	31.0	39.0	34.0	36.0	28.0	28.0	34.0	29.0
28.0	15.0	29.0	28.0	15.0	18.0	19.0	28.0	28.0	36.0	17.0	5.0
45.0	4.0	9.0	2.0	2.0	0.0	1.0					
TIL											
0.0	0.0	0.0	0.0	0.0	0.0	9001.0	1.0	1.0	0.0	2.0	12.0
9001.0	0.0	0.0	1.0	1.0	2.0	3.0	0.0	2.0	0.0	1.0	11.0
1.0	0.0	0.0	1.0	5.0	5.0	3.0	2.0	1.0	9001.0	2.0	1.0
2.0	3.0	9001.0	1.0	0.0	0.0	1.0	9001.0	0.0	1.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					
FA											
0.0	0.0	9001.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0
9001.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					
FX											
2.0	4.0	9.0	4.0	5.0	6.0	4.0	7.0	5.0	3.0	0.0	2.0
12.0	18.0	5.0	16.0	13.0	2.0	10.0	4.0	4.0	4.0	0.0	0.0
7.0	4.0	3.0	8.0	1.0	3.0	1.0	2.0	3.0	3.0	0.0	0.0
4.0	2.0	1.0	2.0	0.0	3.0	0.0	1.0	0.0	0.0	0.0	0.0
1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					
ALN											
8.0	26.0	25.0	49.0	89.0	117.0	109.0	77.0	55.0	45.0	33.0	22.0
104.0	91.0	101.0	122.0	89.0	94.0	101.0	77.0	121.0	53.0	33.0	17.0
129.0	104.0	119.0	177.0	133.0	129.0	109.0	54.0	70.0	52.0	46.0	60.0
63.0	85.0	39.0	41.0	20.0	56.0	23.0	42.0	33.0	17.0	7.0	9.0
9.0	8.0	14.0	9.0	14.0	2.0	1.0	1.0	1.0	0.0	0.0	0.0
0.0	1.0	1.0	0.0	0.0	1.0	0.0					

SX
1.0 0.0 2.0 4.0 2.0 4.0 10.0 9.0 4.0 4.0 25.0 2.0
2.0 3.0 2.0 1.0 1.0 0.0 5.0 1.0 0.0 1.0 1.0 1.0
1.0 0.0 0.0 3.0 0.0 1.0 0.0 2.0 3.0 2.0 2.0 0.0
1.0 1.0 1.0 1.0 2.0 3.0 1.0 1.0 2.0 0.0 1.0 1.0
3.0 2.0 2.0 2.0 2.0 3.0 2.0 2.0 1.0 7.0 0.0 13.0
20.0 6.0 21.0 18.0 12.0 16.0 10.0
COR
16.0 44.0 74.0 138.0 122.0 136.0 144.0 180.0 179.0 186.0 169.0 169.0
194.0 201.0 143.0 214.0 123.0 257.0 220.0 295.0 312.0 164.0 284.0 159.0
249.0 238.0 273.0 238.0 342.0 340.0 286.0 144.0 179.0 118.0 226.0 170.0
210.0 237.0 107.0 122.0 120.0 229.0 107.0 140.0 126.0 137.0 201.0 132.0
112.0 139.0 133.0 131.0 141.0 89.0 80.0 212.0 211.0 365.0 348.0 206.0
497.0 248.0 434.0 518.0 198.0 294.0 84.0
HED
0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 9001.0 0.0 0.0
9001.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
0.0 2.0 9001.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0
SOR
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 2.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 2.0 1.0 0.0 0.0 0.0 0.0 9001.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0
ACE
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0
HIPP
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 1.0 0.0
ERI
339.0 796.0 245.0 202.0 107.0 81.0 44.0 59.0 23.0 26.0 [illegible] [illegible]
37.0 20.0 14.0 31.0 36.0 23.0 12.0 29.0 55.0 40.0 [illegible] [illegible]
50.0 85.0 52.0 51.0 225.0 62.0 60.0 59.0 114.0 48.0 [illegible] [illegible]
62.0 48.0 18.0 13.0 20.0 32.0 9.0 32.0 16.0 13.0 [illegible] [illegible]
7.0 6.0 16.0 19.0 7.0 2.0 43.0 2.0 7.0 15.0 [illegible] [illegible]
5.0 7.0 20.0 8.0 4.0 4.0 1.0
GRA
115.0 77.0 100.0 39.0 37.0 58.0 95.0 167.0 [illegible] [illegible] [illegible] [illegible]
25.0 52.0 55.0 26.0 31.0 20.0 19.0 9.0 [illegible] [illegible] [illegible] [illegible]
20.0 15.0 21.0 13.0 21.0 16.0 8.0 7.0 [illegible] [illegible] [illegible] [illegible]
[illegible] 30.0 67.0 45.0 113.0 150.0 66.0 66.0 [illegible] [illegible] [illegible] [illegible]
[illegible] 55.0 45.0 97.0 54.0 28.0 20.0 55.0 [illegible] [illegible] [illegible] [illegible]
204.0 131.0 284.0 202.0 137.0 210.0 146.0
[illegible]
0.0 1.0 0.0 0.0 1.0 0.0 0.0 0.0 [illegible] [illegible] [illegible] [illegible]
0.0 0.0 2.0 0.0 1.0 0.0 0.0 0.0 [illegible] [illegible] [illegible] [illegible]
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 [illegible] [illegible] [illegible] [illegible]
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 [illegible] [illegible] [illegible] [illegible]
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 [illegible] [illegible] [illegible] [illegible]
0.0 0.0 0.0 0.0 0.0 0.0 0.0
CYP
346.0 146.0 382.0 150.0 24.0 38.0 100.0 121.0 [illegible] [illegible] [illegible] [illegible]
[illegible] 159.0 140.0 80.0 43.0 30.0 16.0 17.0 [illegible] [illegible] [illegible] [illegible]
100.0 159.0 45.0 140.0 28.0 26.0 31.0 18.0 [illegible] [illegible] [illegible] [illegible]
104.0 41.0 78.0 164.0 21.0 83.0 26.0 43.0 [illegible] [illegible] [illegible] [illegible]
86.0 37.0 32.0 69.0 320.0 286.0 49.0 61.0 [illegible] [illegible] [illegible] [illegible]
41.0 10.0 49.0 73.0 32.0 153.0 291.0

RUD

39.0	35.0	78.0	8.0	8.0	13.0	33.0	64.0	44.0	39.0	3.0	10.
3.0	6.0	7.0	7.0	8.0	6.0	1.0	0.0	0.0	2.0	0.0	2.
0.0	1.0	6.0	3.0	10.0	4.0	1.0	1.0	2.0	3.0	5.0	9.
29.0	17.0	37.0	30.0	0.0	4.0	11.0	10.0	15.0	15.0	12.0	10.
0.0	1.0	0.0	4.0	29.0	4.0	1.0	3.0	2.0	4.0	2.0	1.
4.0	1.0	28.0	7.0	5.0	7.0	15.0					

PLA

28.0	24.0	53.0	4.0	6.0	8.0	28.0	44.0	25.0	24.0	2.0	8.
2.0	1.0	6.0	4.0	4.0	2.0	0.0	0.0	0.0	0.0	0.0	0.
0.0	0.0	4.0	3.0	7.0	1.0	0.0	0.0	0.0	0.0	0.0	0.
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
0.0	0.0	0.0	1.0	0.0	0.0	0.0					

PMM

1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.
0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.
0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

RX

4.0	5.0	5.0	3.0	1.0	0.0	0.0	6.0	2.0	9.0	0.0	1.
1.0	2.0	0.0	1.0	1.0	0.0	1.0	0.0	0.0	2.0	0.0	1.
0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	1.0	1.0	3.0	8.
25.0	14.0	36.0	29.0	0.0	1.0	11.0	9.0	15.0	14.0	7.0	8.
0.0	1.0	0.0	0.0	9.0	2.0	0.0	0.0	0.0	0.0	0.0	1.
1.0	0.0	0.0	1.0	3.0	1.0	1.0					

CHE

1.0	1.0	4.0	0.0	0.0	2.0	2.0	4.0	3.0	1.0	0.0	0.
0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	9001.0	0.
0.0	0.0	0.0	0.0	0.0	0.0	1.0					

COT

2.0	3.0	4.0	1.0	1.0	0.0	1.0	1.0	0.0	0.0	0.0	0.
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.
0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	4.0	0.0	0.
0.0	0.0	0.0	1.0	0.0	0.0	0.0					

COL

0.0	1.0	3.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.
0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

ART

1.0	0.0	4.0	0.0	0.0	1.0	2.0	2.0	4.0	0.0	0.0	0.
0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
0.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.0	1.0	0.0	0.
0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.
0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0	0.0	0.
0.0	0.0	0.0	0.0	0.0	0.0	3.0					

UMB

1.0	1.0	3.0	0.0	0.0	2.0	0.0	1.0	0.0	0.0	0.0	0.
0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.
0.0	1.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	1.0	1.0	1.
0.0	1.0	0.0	1.0	0.0	2.0	0.0	1.0	0.0	1.0	0.0	1.
0.0	0.0	0.0	4.0	19.0	2.0	0.0	1.0	2.0	0.0	0.0	0.
3.0	1.0	27.0	4.0	2.0	9001.0	10.0					

CENT

0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

MEL

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
0.0	0.0	1.0	0.0	0.0	0.0	0.0					

ROS

2.0	0.0	5.0	0.0	1.0	3.0	1.0	2.0	1.0	0.0	1.0	2.0
2.0	0.0	0.0	0.0	2.0	1.0	1.0	3.0	9001.0	0.0	1.0	2.0
0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	2.0	2.0
0.0	0.0	9001.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	1.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
2.0	2.0	6.0	6.0	9.0	6.0	5.0					

POT

0.0	0.0	1.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

MER

0.0	0.0	0.0	0.0	1.0	0.0	3.0	2.0	1.0	1.0	0.0	2.0
0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0
1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
3.0	0.0	1.0	2.0	0.0	0.0	0.0					

CRUC

1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
0.0	1.0	27.0	6.0	0.0	1.0	8.0	4.0	9001.0	6.0	0.0	0.0
2.0	2.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0
2.0	0.0	0.0	1.0	1.0	5.0	1.0					

RUB

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	9001.0	0.0	0.0	0.0	0.0					

OXA

1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

ONO

0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

CAM

0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

SPER

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

VIC

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

LAB

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

POB

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	1.0	0.0					

STEL

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

RAN

0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	1.0	0.0	0.0
1.0	0.0	6.0	4.0	1.0	1.0	5.0	2.0	2.0	0.0	0.0	1.0
3.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
0.0	0.0	0.0	2.0	0.0	0.0	0.0	1.0	2.0	2.0	0.0	0.0
0.0	0.0	1.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	2.0	0.0	0.0	0.0	1.0	2.0	2.0	0.0	0.0
0.0	0.0	1.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	1.0	0.0	0.0	0.0	0.0					

CARY

0.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	1.0	9001.0	0.0	0.0	9001.0	0.0	0.0	2.0	1.0	0.0	0.0
0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
0.0	0.0	1.0	0.0	0.0	1.0	1.0					

FIL

2.0	0.0	5.0	2.0	0.0	13.0	6.0	5.0	2.0	2.0	0.0	0.0
2.0	1.0	0.0	2.0	1.0	1.0	2.0	0.0	1.0	0.0	0.0	0.0
3.0	1.0	1.0	1.0	0.0	0.0	3.0	1.0	1.0	1.0	0.0	0.0
2.0	2.0	2.0	2.0	0.0	0.0	0.0	9001.0	2.0	1.0	0.0	0.0
1.0	1.0	14.0	8.0	7.0	1.0	0.0	1.0	1.0	3.0	1.0	0.0
9.0	15.0	30.0	22.0	10.0	12.0	21.0					

SUCC

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	9001.0	0.0	0.0	0.0	0.0					

CAL

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9001.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

VAL

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

DRO

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

SCR

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

POTA

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	9.0	0.0					

FILI

6.0	6.0	0.0	6.0	10.0	5.0	12.0	14.0	4.0	14.0	5.0	7.0
4.0	5.0	10.0	14.0	6.0	13.0	9.0	5.0	2.0	6.0	6.0	6.0
8.0	5.0	4.0	8.0	8.0	13.0	11.0	9.0	5.0	8.0	5.0	5.0
15.0	12.0	19.0	13.0	17.0	14.0	27.0	27.0	38.0	10.0	12.0	14.0
15.0	10.0	8.0	8.0	19.0	20.0	3.0	15.0	5.0	23.0	32.0	33.0
19.0	19.0	29.0	107.0	86.0	135.0	60.0					

POLY

2.0	1.0	1.0	0.0	1.0	0.0	2.0	1.0	1.0	3.0	9001.0	2.0
1.0	1.0	9001.0	9001.0	1.0	2.0	5.0	3.0	1.0	5.0	2.0	2.0
4.0	2.0	3.0	1.0	2.0	1.0	2.0	2.0	2.0	2.0	9001.0	1.0
1.0	2.0	2.0	3.0	3.0	1.0	9001.0	5.0	2.0	5.0	3.0	2.0
3.0	1.0	2.0	1.0	0.0	2.0	2.0	9001.0	0.0	0.0	1.0	0.0
9001.0	0.0	9001.0	0.0	0.0	9001.0	0.0					

PTR

5.0	1.0	33.0	13.0	13.0	6.0	15.0	26.0	44.0	39.0	.0	9.0
12.0	7.0	6.0	7.0	7.0	6.0	2.0	1.0	0.0	0.0	3.0	9001.0
0.0	3.0	3.0	0.0	5.0	8.0	2.0	3.0	2.0	6.0	1.0	1.0
2.0	9001.0	3.0	0.0	0.0	1.0	0.0	6.0	4.0	1.0	.0	1.0
5.0	15.0	1.0	1.0	14.0	5.0	2.0	2.0	2.0	3.0	1.0	9.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

SPA

27.0	53.0	116.0	65.0	50.0	104.0	166.0	155.0	141.0	31.0	17.	17.
54.0	46.0	475.0	34.0	82.0	37.0	82.0	18.0	0.0	189.0	.	7.
38.0	7.0	11.0	1486.0	9.0	299.0	19.0	773.0	58.0	97.0	.	.
44.0	73.0	502.0	196.0	560.0	1412.0	1299.0	141.0	215.0	241.0	.	7.
14.0	17.0	26.0	4.0	4.0	33.0	59.0	118.0	248.0	132.0	37.	.
1700.0	700.0	1325.0	625.0	180.0	96.0	2.0					

DUFTON MOSS A 1969
PERCENTAGE OF POLLEN SUM

DEPTHS

5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	51.0	55.0	60.0
70.0	80.0	90.0	99.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
190.0	200.0	210.0	220.0	230.0	240.0	245.0	250.0	255.0	260.0	265.0	270.0
280.0	290.0	300.0	310.0	315.0	320.0	325.0	328.0	335.0	340.0	350.0	355.0
360.0	370.0	380.0	390.0	400.0	410.0	420.0	430.0	440.0	450.0	460.0	465.0
470.0	475.0	480.0	485.0	490.0	495.0	500.0					

PERCENTAGES

BET

23.4	42.8	42.0	72.5	58.9	48.5	42.3	24.6	41.7	53.4	56.4	23.6
48.1	30.6	54.9	39.3	42.6	45.0	37.1	48.3	31.8	47.2	42.3	46.1
29.7	38.9	29.9	44.5	43.0	50.6	48.8	47.3	52.3	48.6	46.8	32.8
33.5	32.4	24.2	12.3	14.1	27.5	16.1	14.6	23.2	14.9	27.1	24.6
12.5	11.9	12.1	10.3	30.6	17.0	11.0	25.3	21.8	24.2	39.7	51.5
34.8	70.0	53.3	44.3	61.5	43.6	31.6					

PIN

23.4	8.9	0.9	0.5	1.3	2.8	0.7	9001.0	1.9	2.7	2.7	1.5
1.8	9001.0	2.8	1.3	3.1	4.2	1.2	3.2	2.5	1.3	3.2	2.5
9001.0	5.8	6.1	6.8	1.2	3.2	2.2	2.3	1.7	1.3	1.2	3.9
5.2	1.2	10.0	11.8	24.5	14.4	23.2	21.0	25.8	36.5	28.2	32.7
46.3	43.1	56.5	58.5	49.7	55.1	71.6	57.4	61.3	52.0	45.5	31.2
37.3	16.2	33.0	53.2	36.5	55.6	65.3					

QU

36.1	35.7	44.8	22.2	34.4	42.8	51.8	69.0	49.6	37.6	32.6	26.1
39.3	52.5	33.0	40.6	38.8	34.5	43.5	35.4	52.8	27.0	37.8	40.9
53.3	47.0	55.1	36.9	49.6	36.8	36.0	36.5	31.3	26.7	32.2	40.7
35.2	37.5	41.4	52.1	41.2	28.9	38.0	40.7	32.9	28.7	24.6	25.9
26.0	36.3	16.6	16.5	10.9	19.0	8.1	3.8	5.0	7.3	7.0	9.3
5.0	8.7	6.0	1.1	0.6	1.5	2.0					

ULM

12.7	5.3	3.7	2.9	1.9	1.4	1.4	0.7	1.9	0.6	3.4	3.5
3.1	3.6	4.9	6.6	6.3	13.3	14.1	8.3	8.2	17.5	12.8	4.6
11.4	5.1	6.8	5.4	2.4	3.9	9.7	11.3	12.2	21.2	16.4	21.7
22.5	25.4	23.6	22.0	20.0	26.8	21.9	22.9	18.0	16.7	20.0	16.0
14.5	8.5	14.6	14.5	8.6	8.7	9.1	13.3	11.7	16.4	7.6	7.8
22.7	5.0	6.7	1.1	1.2	0.0	1.0					

TIL

0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.7	0.6	0.0	1.3	1.0
9001.0	0.0	0.0	0.6	0.6	1.4	1.9	0.0	1.2	0.0	0.6	0.5
0.6	0.0	0.0	0.6	3.0	3.2	2.2	1.1	0.5	9001.0	1.2	0.0
1.1	1.9	9001.0	0.5	0.0	0.0	0.6	9001.0	0.0	0.5	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

FA

0.0	0.0	9001.0	0.5	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.5
9001.0	0.0	0.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

FX

4.2	7.1	8.4	2.3	3.3	4.2	2.9	4.9	3.3	1.3	3.4	3.5
7.5	13.1	3.5	10.6	8.2	1.4	6.4	2.5	3.1	5.4	3.2	5.1
4.7	2.9	2.0	5.4	0.6	1.9	0.7	1.1	1.7	2.0	1.8	0.6
2.3	1.2	0.5	1.0	0.0	2.0	0.0	0.6	0.0	2.3	0.0	0.6
0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

ALN

17.0	46.4	23.3	28.6	58.9	83.5	79.5	54.2	54.3	63.6	74.8	89.9
65.0	66.4	71.1	81.3	56.6	66.1	64.7	63.8	77.0	81.0	76.9	39.3
87.1	76.4	80.9	121.2	80.6	84.8	78.9	32.3	54.6	42.4	61.3	48.6
36.4	54.1	23.0	22.0	12.9	38.6	14.8	26.7	14.1	10.1	4.6	10.4

SX

2.1	0.0	1.8	2.3	1.3	2.8	7.2	6.3	2.6	2.7	17.0	1.0
1.2	2.1	1.4	0.6	0.8	3.0	3.2	0.8	0.0	1.3	0.6	0.5
0.6	0.0	0.0	2.0	0.0	0.8	0.0	1.1	1.7	1.3	1.2	0.0
0.5	0.6	0.5	0.5	1.2	2.0	0.6	0.8	1.2	0.0	0.5	0.8
1.5	1.1	1.0	1.0	1.1	1.4	0.9	0.9	0.4	3.1	0.0	20.3
10.1	7.5	15.7	10.7	7.6	8.2	10.2					

COR

34.0	78.5	69.1	80.7	80.7	97.1	105.1	126.7	118.5	127.3	114.9	84.9
121.2	146.7	100.7	142.6	78.3	180.9	141.0	190.3	198.7	221.6	182.0	82.3
168.2	175.0	185.7	163.0	207.2	223.6	215.0	86.2	104.0	80.8	144.3	111.8
121.3	150.9	63.3	65.5	77.4	157.9	69.0	89.1	81.2	82.0	103.0	81.4
58.3	78.9	67.1	67.8	81.5	43.4	38.4	101.4	88.6	166.6	223.0	321.8
251.0	310.0	326.3	310.1	126.9	151.5	85.7					

HED

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	0.0
9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
0.0	1.2	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

SOR

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	1.2	0.5	0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

ACE

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

HIPP

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.5	0.0					

ERI

721.2	1421.4	228.9	118.1	70.8	57.8	32.1	41.5	15.2	17.8	29.9	72.8
23.1	14.5	9.8	20.6	22.9	16.1	7.6	18.7	35.0	54.0	42.3	19.1
33.7	62.5	35.3	34.9	136.3	40.7	45.1	35.3	66.2	32.8	39.2	48.6
35.8	30.5	10.6	6.9	12.9	22.0	5.8	20.3	10.3	7.7	14.8	17.9
3.6	3.4	8.0	9.8	4.0	0.9	20.6	0.9	2.9	6.8	30.7	59.3
2.5	8.7	15.0	4.7	2.5	2.0	1.0					

GRA

244.6	137.5	93.4	22.8	24.5	41.4	69.3	117.6	52.3	63.0	16.3	22.6
15.6	37.9	38.7	17.3	19.7	14.0	12.1	5.8	8.2	27.0	7.6	5.1
13.5	11.0	14.2	8.9	12.7	10.5	6.0	4.1	8.7	2.7	9.4	11.8
23.6	19.1	39.6	24.1	72.9	103.4	42.5	42.0	28.3	29.9	33.8	54.3
22.3	31.2	22.7	50.2	31.2	13.6	9.6	26.3	39.0	78.9	207.6	257.8
103.0	163.7	213.5	120.9	87.8	108.2	148.9					

CER

0.0	1.7	0.0	0.0	0.6	0.0	0.0	0.0	0.6	0.0	0.0	0.0
0.0	0.0	1.4	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

CYP

736.1	260.7	357.0	87.7	15.8	27.1	72.9	85.2	56.9	84.9	12.2	16.5
30.0	116.0	98.5	53.3	27.3	21.1	10.2	10.9	12.1	98.6	14.7	18.6
67.5	116.9	30.6	95.8	16.9	17.1	23.3	10.7	11.6	10.9	8.8	15.7
60.1	26.1	46.1	88.1	13.5	57.2	16.7	27.3	94.8	23.9	14.3	21.8
44.7	55.1	16.1	35.7	184.9	139.5	23.5	29.1	22.6	38.8	44.8	46.8
20.7	12.5	36.8	43.7	20.5	78.8	296.9					

ROD

82.9	62.5	72.8	4.6	5.2	9.2	24.0	45.0	29.1	26.7	2.0	5.0
1.8	4.3	4.9	4.6	5.0	4.2	0.6	0.0	0.0	2.7	0.0	1.0
0.0	0.7	4.0	2.0	6.0	2.6	0.7	0.5	1.1	2.0	3.1	5.9
16.7	10.8	21.8	16.1	0.0	2.7	7.0	6.3	9.6	8.9	6.1	6.1
0.0	0.5	0.0	2.0	16.7	1.9	0.4	1.4	0.8	1.8	1.2	1.5
2.0	1.2	21.0	4.1	3.2	3.6	15.3					

ROS

4.2	0.0	0.9	0.0	0.6	2.1	0.7	1.4	0.6	0.0	0.6	1.0
1.2	0.0	0.0	0.0	1.2	0.7	0.6	1.9	9001.0	0.0	0.6	1.0
0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	1.2	1.3
0.0	0.0	9001.0	0.5	0.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.5	0.0	0.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	4.6
1.0	2.5	4.5	3.5	5.7	3.0	5.1					

POT

0.0	0.0	0.9	0.5	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	3.4	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

MER

0.0	0.0	0.0	0.0	0.0	0.0	2.1	1.4	0.6	0.6	0.0	1.0
0.0	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0
0.6	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0
1.5	0.0	0.7	1.1	0.0	0.0	0.0					

CRUC

2.1	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0
0.0	0.6	15.9	3.2	0.0	0.6	5.1	2.5	9001.0	3.5	0.0	0.0
1.0	1.1	0.5	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	1.5
1.0	0.0	0.0	0.5	0.6	2.5	1.0					

RUB

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	9001.0	0.0	0.0	0.0	0.0					

OXA

2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

ONO

0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

CAM

0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

SPER

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

VIC

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

LAB

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

POB

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.5	0.0					

STEL

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

RAN

0.0	1.7	0.9	0.5	0.6	0.7	0.7	0.7	0.0	0.6	0.0	0.0
0.6	0.0	4.2	2.6	0.6	0.7	3.2	1.2	1.2	0.0	0.0	0.5
2.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.6
0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.6	1.2	1.1	0.0	0.0
0.0	0.0	0.5	0.0	0.0	0.4	0.4	0.0	0.0	0.0	1.2	0.0
0.0	0.0	0.7	0.0	0.0	0.0	0.0					

CARY

0.0	3.5	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	0.6	9001.0	0.0	0.0	9001.0	0.0	0.0	1.2	0.5	1.0	0.0
0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0
0.0	0.0	0.7	0.0	0.0	0.5	1.0					

FIL

4.2	0.0	4.6	1.1	0.0	9.2	4.3	3.5	1.3	1.3	1.3	1.5
1.2	0.7	0.0	1.3	0.6	0.7	1.2	0.0	0.6	0.0	0.6	0.0
2.0	0.7	0.6	0.6	0.0	0.0	2.2	0.5	0.5	0.6	0.6	0.6
1.1	1.2	1.1	1.0	0.0	0.0	0.0	9001.0	1.2	0.5	0.0	0.0
0.5	0.5	7.0	4.1	4.0	0.4	0.0	0.4	0.4	1.3	0.6	9.3
4.5	18.7	22.5	13.1	6.4	6.1	21.4					

SUCC

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	9001.0	0.0	0.0	0.0	0.0					

CAL

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9001.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

VAL

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

```
DRU
     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
     1.8     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
     0.0     0.0     0.0     0.0     0.0     0.0     0.0
SCR
     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
     0.0     0.0     0.0     0.0     0.0     0.0     0.0
POTA
     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
     0.0     0.0     0.0     0.0     0.0     4.6     0.0
FILI
    12.7    10.7     0.0     3.5     6.6     3.5     8.7     9.8     2.6     9.5     3.4     3.5
     2.5     3.6     7.0     9.3     3.8     9.1     5.7     3.2     1.2     8.1     3.8     3.1
     5.4     3.6     2.7     5.4     4.8     8.5     8.2     5.3     2.9     5.4     3.1     3.9
     8.6     7.6    11.2     6.9    10.9     9.6    17.4    17.1    24.5     5.9     6.1     8.6
     7.8     5.6     4.0     4.1    10.9     9.7     1.4     7.1     2.1    10.5    20.5    51.5
    39.8    23.7    21.8    64.0    55.1    69.5    61.2
POLY
     4.2     1.7     0.9     0.0     0.6     0.0     1.4     0.7     0.6     2.0  9001.0     1.0
     0.6     0.7  9001.0  9001.0     0.6     1.4     3.2     1.9     0.6     6.7     1.2     1.0
     2.7     1.4     2.0     0.6     1.2     0.6     1.5     1.1     1.1     1.3  9001.0     0.6
     0.5     1.2     1.1     1.6     1.9     0.6  9001.0     3.1     1.2     2.9     1.5     1.2
     1.5     0.5     1.0     0.5     0.0     0.9     0.9  9001.0     0.0     0.0     0.6     0.0
  9001.0     0.0  9001.0     0.0     0.0  9001.0     0.0
PTR
    10.6     1.7    30.8     7.6     8.6     4.2    10.9    18.3    29.1    26.7     0.0     2.0
     7.5     5.1     4.2     4.6     4.4     4.2     1.2     0.6     0.0     0.0     0.0  9001.0
     0.0     2.2     2.0     0.0     3.0     5.2     1.5     1.7     1.1     4.1     0.6     0.6
     1.1  9001.0     1.7     0.0     0.0     0.6     0.0     3.8     2.5     0.5     0.0     0.6
     2.6     8.5     0.5     0.5     8.0     2.4     0.9     0.9     0.8     1.3     0.6     0.0
     0.0     0.0     0.0     0.0     0.0     0.0     0.0
SP-
[illegible] [illegible] [illegible]    33.0    33.1    74.2   121.1   109.1    93.3    21.2    11.5    28.6
[illegible] [illegible]   354.5    12.6    52.2    26.0    52.5    11.6     0.0  2486.4     0.0  2732.1
    29.4     5.1     7.4  1017.8     5.4   196.7    14.2   462.8    33.7    39.0    58.8    15.7
[illegible]    59.2   297.0   105.3   361.2   973.7   838.0    89.8   135.4   144.3   149.2   233.3
[illegible]     9.5    13.1     2.0     2.3    16.0    28.3    56.4   104.2    60.2  2515.3  2634.3
[illegible] [illegible]   956.2   374.2   115.3    49.4     2.0


[illegible]
[illegible]


 DEPTHS
     5.0    10.0    15.0    20.0    25.0    30.0    35.0    40.0    45.0    51.0    55.0    60.0
    70.0    80.0    90.0    99.0   110.0   120.0   130.0   140.0   150.0   160.0   170.0   180.0
   190.0   200.0   210.0   220.0   230.0   240.0   245.0   250.0   255.0   260.0   265.0   270.
   280.0   290.0   300.0   310.0   315.0   320.0   325.0   328.0   335.0   340.0   350.0   355.
   360.0   370.0   380.0   390.0   400.0   410.0   420.0   430.0   440.0   450.0   460.0   465.
   470.0   475.0   480.0   485.0   490.0   495.0   500.0

 PERCENTAGES
PLA
    59.5    42.8    49.5     2.3     3.9     5.7    20.4    30.9    16.5    16.4     1.3     4.
     1.2     0.7     4.2     2.6     2.5     1.4     0.0     0.0     0.0     0.0     0.0     0.
     0.0     0.0     2.7     2.0     4.2     0.6     0.0     0.0     0.0     0.0     0.0     0.
     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.
```

PMM

2.1	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0
0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

RX

8.5	8.9	4.6	1.7	0.6	0.0	0.0	4.2	1.3	6.1	0.0	0.5
0.6	1.4	0.0	0.6	0.6	0.0	0.6	0.0	0.0	2.7	0.0	0.5
0.0	0.0	0.0	0.0	0.6	0.6	0.0	0.0	0.5	0.6	1.8	5.2
14.4	8.9	21.3	15.5	0.0	0.6	7.0	5.7	9.6	8.3	3.5	4.9
0.0	0.5	0.0	0.0	5.2	0.9	0.0	0.0	0.0	0.0	0.0	1.5
0.5	0.0	0.0	0.5	1.9	0.5	1.0					

CHE

2.1	1.7	3.7	0.0	0.0	1.4	1.4	2.8	1.9	0.6	0.0	0.0
0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	9001.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	1.0					

COT

4.2	5.3	3.7	0.5	0.6	0.0	0.7	0.7	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	1.8	0.0	0.0
0.0	0.0	0.0	0.5	0.0	0.0	0.0					

COL

0.0	1.7	2.8	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0
0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

ART

2.1	0.0	3.7	0.0	0.0	0.7	1.4	1.4	2.6	0.0	0.0	0.0
0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.6	0.0	0.6	0.0	0.0	0.0	0.5	0.6	0.0	0.0
0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	3.0					

UMB

2.1	1.7	2.8	0.0	0.0	1.4	0.0	0.7	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.7	0.0	0.0	0.0	0.6	0.7	0.5	0.0	0.6	0.6	0.6
0.0	0.6	0.0	0.5	0.0	1.3	0.0	0.6	0.0	0.5	0.0	0.6
0.0	0.0	0.0	2.0	10.9	0.9	0.0	0.4	0.8	1.8	0.0	0.0
1.5	1.2	20.3	2.3	1.2	9001.0	10.2					

CENT

0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

MEL

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0
0.0	0.0	0.7	0.0	0.0	0.0	0.0					

DUFTON MOSS A 1969
PERCENTAGE OF TOTAL POLLEN

DEPTHS

5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	51.0	55.0	60.0
70.0	80.0	90.0	99.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
190.0	200.0	210.0	220.0	230.0	240.0	245.0	250.0	255.0	260.0	265.0	270.0
280.0	290.0	300.0	310.0	315.0	320.0	325.0	328.0	335.0	340.0	350.0	355.0
360.0	370.0	380.0	390.0	400.0	410.0	420.0	430.0	440.0	450.0	460.0	465.0
470.0	475.0	480.0	485.0	490.0	495.0	500.0					

PERCENTAGES

BET											
1.1	2.0	4.4	16.1	16.3	11.2	8.4	4.2	9.7	9.7	15.2	6.6
13.2	6.2	12.6	9.2	13.5	11.1	10.6	12.2	7.3	8.0	9.9	17.2
6.2	7.1	6.6	8.4	7.4	10.5	10.3	17.4	15.0	17.1	12.6	9.5
8.2	7.1	7.4	3.2	4.8	5.6	6.1	4.6	6.7	5.5	9.7	8.4
5.2	4.1	5.2	3.7	7.0	5.6	5.6	9.7	8.5	5.4	6.5	6.2
6.9	11.2	6.9	7.2	16.9	14.6	4.5					
PIN											
1.1	0.4	0.0	0.1	0.3	0.6	0.1	9001.0	0.4	0.4	0.7	0.4
0.5	9001.0	0.6	0.3	1.0	1.0	0.3	0.8	0.5	0.2	0.7	0.9
9001.0	1.0	1.3	1.2	0.2	0.6	0.4	0.8	0.5	0.4	0.3	1.1
1.2	0.2	3.1	3.1	8.4	2.9	8.8	6.6	7.5	13.5	10.1	11.2
19.5	14.9	24.3	21.1	11.4	18.1	36.8	21.9	24.0	11.6	7.4	3.7
7.5	2.6	4.3	8.6	10.0	11.8	9.4					
QU											
1.8	1.7	4.7	4.9	9.5	9.9	10.3	11.8	11.6	6.8	8.8	7.3
10.8	10.7	7.6	9.5	12.3	8.5	12.4	9.0	12.2	4.6	8.8	15.2
11.2	8.6	12.1	6.9	8.6	7.6	7.6	13.4	9.0	9.4	8.7	11.7
8.7	8.2	12.7	13.7	14.1	5.9	14.5	12.9	9.5	10.6	8.8	8.8
10.9	12.5	7.1	5.9	2.5	6.2	4.2	1.4	1.9	1.6	1.1	1.1
1.0	1.4	0.7	0.1	0.1	0.3	0.2					
ULM											
0.6	0.2	0.3	0.6	0.5	0.3	0.2	0.1	0.4	0.1	0.9	0.9
0.8	0.7	1.1	1.5	2.0	3.3	4.0	2.1	1.9	3.0	3.0	1.7
2.4	0.9	1.5	1.0	0.4	0.8	2.0	4.1	3.5	7.4	4.4	6.2
5.5	5.6	7.2	5.8	6.8	5.5	8.3	7.2	5.2	6.2	7.1	5.4
6.1	2.9	6.3	5.2	2.0	2.8	4.7	5.1	4.6	3.6	1.2	0.9
4.5	0.8	0.8	0.1	0.3	0.0	0.1					
TIL											
0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.1	0.1	0.0	0.3	0.2
9001.0	0.0	0.0	0.1	0.2	0.3	0.5	0.0	0.2	0.0	0.1	0.1
0.1	0.0	0.0	0.1	0.5	0.6	0.4	0.4	0.1	9001.0	0.3	0.0
0.2	0.4	9001.0	0.1	0.0	0.0	0.2	9001.0	0.0	0.2	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					
FA											
0.0	0.0	9001.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1
9001.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					
FX											
0.2	0.3	0.8	0.5	0.9	0.9	0.5	0.8	0.7	0.2	0.9	0.9
2.0	2.6	0.8	2.5	2.6	0.3	1.8	0.6	0.7	0.9	0.7	1.9
0.9	0.5	0.4	1.0	0.1	0.4	0.1	0.4	0.5	0.7	0.5	0.1
0.5	0.2	0.1	0.2	0.0	0.4	0.0	0.2	0.0	0.8	0.0	0.2
0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

ALN

0.8	2.2	2.4	6.3	16.3	19.3	15.8	9.2	12.7	11.5	20.2	25.2
17.8	13.5	16.4	19.1	18.0	16.3	18.5	16.2	17.7	13.8	18.0	14.7
18.3	14.0	17.8	22.8	14.0	17.6	16.7	11.9	15.6	14.9	16.5	14.0
9.0	11.9	7.1	5.8	4.4	7.9	5.6	8.4	4.1	3.7	1.6	3.5
1.9	1.5	3.0	1.6	1.8	0.3	0.2	0.1	0.1	0.0	0.0	0.0
0.0	0.2	0.0	0.0	0.0	0.0	0.0					

SX

0.1	0.0	0.1	0.5	0.3	0.6	1.4	1.0	0.6	0.4	4.6	0.2
0.3	0.4	0.3	0.1	0.2	0.0	0.9	0.1	0.0	0.2	0.1	0.1
0.1	0.0	0.0	0.3	0.0	0.1	0.0	0.4	0.5	0.4	0.3	0.0
0.1	0.1	0.1	0.1	0.4	0.4	0.2	0.2	0.3	0.0	0.1	0.2
0.6	0.3	0.4	0.3	0.2	0.4	0.4	0.3	0.1	0.7	0.0	2.4
2.0	1.2	2.0	1.7	2.1	1.7	1.4					

CGR

1.7	3.7	7.2	17.9	22.4	22.4	20.9	21.6	27.8	23.1	31.1	23.8
33.2	29.9	23.2	33.6	24.9	44.6	40.3	48.3	45.8	37.8	42.6	30.7
35.3	32.2	41.0	30.7	36.0	46.5	45.5	31.7	29.8	28.5	38.9	32.3
30.0	33.3	19.5	17.3	26.5	32.4	26.3	28.2	23.6	30.5	37.0	27.9
24.5	27.3	28.9	24.5	18.8	14.3	19.8	38.8	34.7	37.3	36.5	39.0
50.4	49.6	42.5	50.5	34.9	32.2	12.4					

HED

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	0.0
9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
0.0	0.2	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

SOR

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.2	0.1	0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

ACE

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

HIPP

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.1	0.0					

ERI

36.8	68.6	24.0	26.2	19.7	13.3	6.3	7.1	3.5	3.2	8.1	20.4
6.3	2.9	2.2	4.8	7.3	4.0	2.2	4.7	8.0	9.2	9.9	7.1
7.1	11.5	7.8	6.5	23.7	8.4	9.5	13.0	19.0	11.5	10.5	14.0
8.8	6.7	3.2	1.8	4.4	4.5	2.2	6.4	3.0	2.8	5.3	6.1
1.5	1.1	3.4	3.5	0.9	0.3	10.6	0.3	1.1	1.5	5.0	7.2
0.5	1.4	1.9	0.7	0.7	0.4	0.1					

GRA

12.4	6.6	9.8	5.0	6.8	9.5	13.8	20.1	12.2	11.4	4.4	6.3
4.2	7.7	8.9	4.0	6.2	3.4	3.4	1.4	1.9	4.6	1.8	1.9
2.8	2.0	3.1	1.6	2.2	2.1	1.2	1.5	2.5	0.9	2.5	3.4
5.8	4.2	12.2	6.4	25.0	21.2	16.2	13.3	8.2	11.1	12.1	18.6
9.4	10.8	9.7	18.1	7.2	4.5	4.9	10.0	15.2	17.6	34.0	31.3
20.6	26.2	27.8	19.7	24.2	23.0	21.6					

CER

0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
0.0	0.0	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

CYP

37.5	12.5	37.4	19.5	4.4	6.2	14.5	14.5	13.3	15.4	3.3	4.6
8.2	23.6	22.7	12.5	8.7	5.2	2.9	2.7	2.7	16.8	3.4	6.9
14.2	21.5	6.7	18.1	2.9	3.5	4.9	3.9	3.3	3.8	2.3	4.5
14.8	5.7	14.2	23.3	4.6	11.7	6.4	8.6	27.5	8.9	5.1	7.3
18.8	19.0	6.9	12.9	42.6	45.9	12.1	11.1	8.8	8.6	7.3	5.6
4.1	2.0	4.8	7.1	5.6	16.7	43.1					

RUD

4.2	3.0	7.6	1.0	1.4	2.1	4.7	7.7	6.8	4.8	0.5	1.4
0.5	0.8	1.1	1.1	1.6	1.0	0.1	0.0	0.0	0.4	0.0	0.3
0.0	0.1	0.9	0.3	1.0	0.5	0.1	0.2	0.3	0.7	0.8	1.7
4.1	2.3	6.7	4.2	0.0	0.5	2.7	2.0	2.8	3.3	2.2	2.1
0.0	0.1	0.0	0.7	3.8	0.6	0.2	0.5	0.3	0.4	0.2	0.1
0.4	0.2	2.7	0.6	0.8	0.7	2.2					

ROS

0.2	0.0	0.0	0.0	0.1	0.4	0.1	0.2	0.1	0.0	0.1	0.2
0.3	0.0	0.0	0.0	0.4	0.1	0.1	0.4	9001.0	0.0	0.1	0.3
0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.3
0.0	0.0	9001.0	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.1	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5
0.2	0.4	0.5	0.5	1.5	0.6	0.7					

POT

0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	1.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

MER

0.0	0.0	0.0	0.0	0.1	0.0	0.4	0.2	0.1	0.1	0.0	0.2
0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0
0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.2	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
0.3	0.0	0.0	0.1	0.0	0.0	0.0					

CRUC

0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
0.0	0.1	4.9	0.8	0.0	0.1	1.9	0.8	9001.0	1.3	0.0	0.0
0.4	0.3	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
0.2	0.0	0.0	0.0	0.1	0.5	0.1					

RUB

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	9001.0	0.0	0.0	0.0	0.0					

OXA

0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

DNO

0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

CAM

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

SPER

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

VIC

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

LAB

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

PCB

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.1	0.0					

STEL

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

RAN

0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0
0.1	0.0	0.9	0.6	0.2	0.1	0.9	0.3	0.2	0.0	0.0	0.1
0.4	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1
0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.3	0.4	0.0	0.0
0.0	0.0	0.2	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.2	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

CARY

0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.1	0.1	9001.0	0.0	0.0	9001.0	0.0	0.0	0.3	0.2	0.3	0.0
0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.1	0.1					

FIL

0.2	0.0	0.4	0.2	0.0	2.1	0.8	0.0	0.3	0.2	0.3	0.4
0.3	0.1	0.0	0.3	0.2	0.1	0.3	0.0	0.1	0.0	0.1	0.0
0.4	0.1	0.1	0.1	0.0	0.0	0.4	0.2	0.1	0.2	0.1	0.1
0.2	0.2	0.3	0.2	0.0	0.0	0.0	9001.0	0.3	0.2	0.0	0.0
0.2	0.1	3.0	1.4	0.9	0.1	0.0	0.1	0.1	0.3	0.1	1.1
0.9	3.0	2.9	2.1	1.7	1.3	3.1					

SUCC

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	9001.0	0.0	0.0	0.0	0.0					

CAL

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9001.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

VAL

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

DRO

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

SCR

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.1	0.0	0.0	0.0	0.0	0.0	0.0					

POTA

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.9	0.0					

FILI

0.6	0.5	0.0	0.7	1.8	0.8	1.7	1.6	0.6	1.7	0.9	0.9
0.6	0.7	1.6	2.2	1.2	2.2	1.6	0.8	1.7	1.3	0.9	1.1
1.1	0.6	0.6	1.0	0.8	1.7	0.1	1.9	0.8	1.9	0.8	1.1
2.1	1.6	3.4	1.8	3.7	1.9	6.6	5.4	7.1	0.0	2.2	2.9
3.2	1.9	1.7	1.4	2.5	3.2	0.7	2.7	0.8	2.3	3.3	6.2
8.0	3.8	2.8	10.4	15.1	14.7	8.8					

POLY

0.2	0.0	0.0	0.0	0.1	0.0	0.2	0.1	0.1	0.3	9001.0	0.2
0.1	0.1	9001.0	9001.0	0.2	0.3	0.9	0.4	0.1	1.1	0.3	0.3
0.5	0.2	0.4	0.1	0.2	0.1	0.3	0.4	0.3	0.4	9001.0	0.1
0.1	0.2	0.3	0.4	0.6	0.1	9001.0	1.0	0.3	1.1	0.5	0.4
0.6	0.1	0.4	0.1	0.0	0.3	0.4	9001.0	0.0	0.0	0.1	0.0
9001.0	0.0	9001.0	0.0	0.0	9001.0	0.0					

PTR

0.5	0.0	3.2	1.6	2.3	0.9	2.1	3.1	6.8	4.8	0.0	0.5
2.0	1.0	0.9	1.1	1.4	1.0	0.3	0.1	0.0	0.0	0.0	9001.0
0.0	0.4	0.4	0.0	0.5	1.0	0.3	0.6	0.3	1.4	0.1	0.1
0.2	9001.0	0.5	0.0	0.0	0.1	0.0	1.2	0.7	0.2	0.0	0.2
1.0	2.9	0.2	0.1	1.8	0.8	0.4	0.3	0.3	0.3	0.1	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0					

APO

5.9	7.0	12.9	28.8	44.1	42.4	35.7	26.3	36.2	29.8	47.3	41.9
45.2	33.9	39.5	42.7	49.8	41.0	48.2	41.6	40.8	30.7	41.4	52.0
39.3	32.4	40.0	41.7	33.5	38.4	37.8	48.7	44.3	50.2	43.5	42.9
33.7	34.0	37.4	30.8	38.7	28.4	43.8	40.1	33.2	40.9	37.5	37.8
44.0	36.1	46.0	37.8	24.9	33.2	51.7	38.4	39.3	21.6	16.4	12.1
20.0	16.2	13.0	16.3	27.5	22.1	14.8					

SPO

1.8	3.7	7.4	18.4	22.8	23.1	22.3	22.8	28.4	23.6	35.7	24.0
33.6	30.4	24.0	33.8	25.1	44.6	41.2	48.5	45.8	38.1	42.7	30.9
35.5	32.2	41.0	31.1	36.2	46.7	45.5	32.2	30.3	29.2	39.3	33.6
30.1	34.0	19.8	17.4	26.9	32.8	26.6	28.4	23.6	30.5	37.2	27.9
25.2	31.2	29.5	24.9	19.0	14.7	20.2	39.1	34.8	38.0	36.5	41.5
52.4	50.8	44.6	52.3	37.4	33.9	13.9					

NAP

92.1	89.1	79.6	52.6	32.9	34.3	41.8	50.7	35.3	47.1	16.9	33.9
21.0	35.6	36.9	23.4	24.9	14.2	10.4	9.8	13.2	31.1	15.7	17.0
25.1	35.3	18.9	27.0	30.2	14.7	16.5	18.9	26.3	20.0	17.0	24.5
36.0	26.3	42.1	51.6	34.2	38.6	29.5	31.4	43.1	28.5	25.2	34.2
30.7	32.6	24.3	37.2	56.0	51.9	27.9	22.3	25.8	39.5	47.0	46.4
27.4	33.0	42.3	31.3	34.9	43.9	71.2					

DUFTON MOSS B 1969
POLLEN GRAINS COUNTED

DEPTHS	38.0	39.0	40.0	41.0	42.0	43.0	44.0	45.0
COUNT								
BET	11.0	18.0	14.0	22.0	24.0	32.0	36.0	31.0
PIN	35.0	31.0	43.0	21.0	23.0	14.0	13.0	13.0
QU	0.0	0.0	1.0	2.0	1.0	0.0	1.0	3.0
ULM	5.0	1.0	2.0	4.0	2.0	4.0	0.0	3.0
FX	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0
ALN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
SX	1.0	0.0	1.0	3.0	1.0	3.0	2.0	1.0
COR	111.0	151.0	116.0	145.0	171.0	171.0	107.0	48.0
HED	0.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0
IL	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
CALL	1.0	2.0	9001.0	1.0	0.0	0.0	2.0	1.0
GRA	16.0	18.0	12.0	31.0	26.0	34.0	43.0	14.0
CYP	3.0	15.0	26.0	36.0	58.0	91.0	80.0	32.0
RUD	0.0	0.0	1.0	0.0	0.0	1.0	1.0	2.0
RX	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
UMB	0.0	0.0	1.0	0.0	0.0	0.0	1.0	1.0
MEL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
ROS	0.0	0.0	0.0	1.0	1.0	0.0	4.0	3.0
RUB	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
CRUC	0.0	9001.0	0.0	0.0	0.0	9001.0	0.0	0.0
TEU	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
RANE	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
RAN	0.0	9001.0	1.0	0.0	0.0	0.0	0.0	1.0
CARY	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
EPIL	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0
FIL	0.0	9001.0	2.0	7.0	5.0	6.0	5.0	0.0
SUCC	0.0	1.0	0.0	0.0	2.0	0.0	4.0	0.0
FIL1	43.0	48.0	42.0	63.0	77.0	66.0	48.0	40.0
POLY	0.0	0.0	1.0	0.0	0.0	1.0	0.0	4.0
PTR	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0
SEL	0.0	0.0	0.0	0.0	2.0	1.0	2.0	0.0
SPH	0.0	5.0	1.0	15.0	5.0	1.0	3.0	4.0

DUFTON MOSS B 1969
PERCENTAGE OF POLLEN SUM

DEPTHS							
38.0	39.0	40.0	41.0	42.0	43.0	44.0	45.0
PERCENTAGES							
BET							
21.5	36.0	23.3	43.1	48.0	64.0	72.0	62.0
PIN							
68.6	62.0	71.6	41.1	46.0	28.0	26.0	26.0
QU							
0.0	0.0	1.6	3.9	2.0	0.0	2.0	6.0
ULM							
9.8	2.0	3.3	7.8	4.0	8.0	0.0	6.0
FX							
0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0
ALN							
0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
SX							
1.9	0.0	1.6	5.8	2.0	6.0	4.0	2.0
COR							
217.6	302.0	193.3	284.3	342.0	342.0	214.0	96.0
HED							
0.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0
IL							
0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
CALL							
1.9	4.0	9001.0	1.9	0.0	0.0	4.0	2.0
GRA							
31.3	36.0	20.0	60.7	52.0	68.0	86.0	28.0
CYP							
5.8	30.0	43.3	70.5	116.0	182.0	160.0	64.0
RUD							
0.0	0.0	1.6	0.0	0.0	2.0	2.0	4.0
ROS							
0.0	0.0	0.0	1.9	2.0	0.0	8.0	6.0
RUB							
0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0
CRUC							
0.0	9001.0	0.0	0.0	0.0	9001.0	0.0	0.0
TEU							
0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0
RANE							
0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
RAN							
0.0	9001.0	1.6	0.0	0.0	0.0	0.0	2.0
CARY							
0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
EPIL							
0.0	0.0	0.0	0.0	0.0	2.0	0.0	2.0
FIL							
0.0	9001.0	3.3	13.7	10.0	12.0	10.0	0.0
SUCC							
0.0	2.0	0.0	0.0	4.0	0.0	8.0	0.0
FILI							
84.3	96.0	70.0	123.5	154.0	132.0	96.0	80.0
POLY							
0.0	0.0	1.6	0.0	0.0	2.0	0.0	8.0
PTR							
0.0	0.0	6.6	0.0	0.0	0.0	0.0	0.0
SEL							
0.0	0.0	0.0	0.0	4.0	2.0	4.0	0.0
SPH							
11.7	10.0	1.6	29.4	10.0	20.0	10.0	18.0

DUFTON MOSS B 1969
PERCENTAGE OF POLLEN SUM

DEPTHS	38.0	39.0	40.0	41.0	42.0	43.0	44.0	45.0
PERCENTAGES								
RX	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
UMB	0.0	0.0	1.6	0.0	0.0	0.0	2.0	2.0
MEL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0

DUFTON MOSS B 1969
PERCENTAGE OF TOTAL POLLEN

DEPTHS	38.0	39.0	40.0	41.0	42.0	43.0	44.0	45.0
PERCENTAGES								
BET	6.0	7.5	6.6	7.9	7.6	12.4	12.1	20.1
PIN	19.1	13.0	20.2	7.5	7.3	5.4	4.3	8.4
QU	0.0	0.0	0.4	0.7	0.3	0.0	0.3	1.9
ULM	2.7	0.4	0.9	1.4	0.6	1.5	0.0	1.9
FX	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0
ALN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
SX	0.5	0.0	0.4	1.0	0.3	1.1	0.6	0.6
COR	60.6	63.7	54.7	52.1	54.4	66.5	36.0	31.1
HED	0.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0
IL	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
CALL	0.5	0.8	9001.0	0.3	0.0	0.0	0.6	0.6
GRA	8.7	7.5	5.6	11.1	8.2	13.2	14.4	9.0
CYP	1.6	6.3	12.2	12.9	18.4	35.4	26.9	20.7
RUD	0.0	0.0	0.4	0.0	0.0	0.3	0.3	1.2
ROS	0.0	0.0	0.0	0.3	0.3	0.0	1.3	1.9
RUB	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
CRUC	0.0	9001.0	0.0	0.0	0.0	9001.0	0.0	0.0
TEU	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
RANE	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
RAN	0.0	9001.0	0.4	0.0	0.0	0.0	0.0	0.6

KT							
0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
EPIL							
0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.6
FIL							
0.0	9001.0	0.9	2.5	1.5	2.3	1.6	0.0
SUCC							
0.0	0.4	0.0	0.0	0.6	0.0	1.3	0.0
FILI							
23.4	20.2	19.8	22.6	24.5	25.6	16.1	25.9
POLY							
0.0	0.0	0.4	0.0	0.0	0.3	0.0	2.5
PTR							
0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0
SEL							
0.0	0.0	0.0	0.0	0.6	0.3	0.6	0.0
SPH							
3.2	2.1	0.4	5.3	1.5	3.8	1.6	5.8
ANA SPO							
27.8	21.0	28.3	20.5	15.9	19.4	16.8	33.7
SBO NAP							
61.2	63.7	55.1	53.2	54.7	67.7	36.7	31.1
NAR APO							
10.9	15.1	19.8	28.4	29.2	51.7	46.4	35.0

DUFTON MOSS C 1969
PERCENTAGE OF POLLEN SUM

DEPTHS	6.0	11.0	14.0	15.0	16.0	18.0	19.0	20.0	25.0	30.0
PERCENTAGES										
BET	81.8	60.7	59.6	98.2	61.4	75.9	70.4	67.0	79.3	62.7
PI	18.1	39.2	39.9	1.6	37.8	22.9	27.8	31.9	20.6	34.8
QU	0.0	0.0	0.4	0.0	0.6	1.0	1.6	1.0	0.0	2.3
SX	24.6	25.9	14.7	2.5	42.5	24.0	45.0	50.5	518.9	383.7
COR	92.2	86.1	21.1	1.8	10.8	11.4	13.1	36.0	36.2	76.7
ERIC	2.5	0.5	0.4	0.1	1.3	0.5	9001.0	1.0	0.0	4.6
GRA	18.1	22.0	11.8	1.4	41.8	25.1	32.7	30.9	6.8	39.5
CYP	18.1	60.2	97.0	3.4	83.7	102.7	167.2	309.2	156.8	360.4
RUD	1.2	1.6	1.4	0.2	16.2	12.0	14.7	9.2	6.8	27.9
ROS	3.8	2.7	4.9	0.5	8.1	10.3	7.3	8.2	15.5	41.8
CRUC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.4	0.0
VIC	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0
PAP	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0
RANE	0.0	0.0	0.0	0.0	0.6	0.0	0.0	1.0	3.4	2.3
RAN	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0
CARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	0.0
FIL	15.5	7.7	11.3	1.0	18.2	11.4	13.9	11.3	22.4	55.8
CAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0
POTA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
MYR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
FILI	19.4	37.5	15.2	4.0	76.3	26.7	73.7	42.2	31.0	332.5
POLY	0.0	0.0	0.0	0.0	0.6	1.0	0.8	0.0	0.0	2.3
SPH	3.8	9.9	2.4	0.1	6.7	1.6	4.0	3.0	1.7	11.6

DUFTON MOSS C 1969
PERCENTAGE OF POLLEN SUM

DEPTHS	6.0	11.0	14.0	15.0	16.0	18.0	19.0	20.0	25.0	30.0
PERCENTAGES										
PPM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
RX	0.0	0.5	0.0	0.0	1.3	0.5	0.0	1.0	0.0	0.0

COT									
0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0
COL									
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
UMB									
1.2	1.1	1.4	0.1	14.0	6.5	13.1	7.2	0.0	24.7
CHE									
0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
HEL									
0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0

DUFTON MOSS C 1969
PERCENTAGE OF TOTAL POLLEN

DEPTHS									
6.0	11.0	14.0	15.0	16.0	18.0	19.0	20.0	25.0	30.0
PERCENTAGES									
BET									
28.2	19.7	22.6	88.2	18.9	25.8	17.7	12.1	9.1	5.7
PI									
6.2	12.7	15.1	1.4	11.6	7.8	7.0	5.8	2.3	3.1
QU									
0.0	0.0	0.1	0.0	0.2	0.3	0.4	0.1	0.0	0.2
SX									
8.5	8.4	5.6	2.2	13.1	8.1	11.3	9.1	59.6	34.8
COR									
31.8	28.0	8.0	1.6	3.3	3.9	3.2	6.5	4.1	6.9
ERIC									
0.8	0.1	0.1	0.1	0.4	0.1	1855.8	0.1	0.0	0.4
GRA									
6.2	7.1	4.4	1.3	12.9	8.5	8.2	5.6	0.7	3.5
CYP									
6.2	19.6	36.8	3.0	25.8	35.0	42.0	56.1	18.0	32.7
RUD									
0.4	0.5	0.5	0.2	5.0	4.0	3.7	1.6	0.7	2.5
ROS									
1.3	0.8	1.8	0.5	2.5	3.5	1.8	1.4	1.7	3.8
CRUC									
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.0
VIC									
0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
LEG									
0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
RANE									
0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.3	0.2
RAN									
0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
CARY									
0.0	0.0	0.0	0.0	0.0	0.0	0.0	1685.5	0.0	0.0
FIL									
5.3	2.5	4.3	0.9	5.6	3.9	3.5	2.0	2.5	5.0
CAL									
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
POTA									
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
MYR									
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
FILI									
6.7	12.2	5.8	3.6	23.5	9.1	18.5	7.6	3.5	30.2
POLY									
0.0	0.0	0.0	0.0	0.2	0.3	0.2	0.0	0.0	0.2
SPH									
1.3	3.2	0.9	0.1	2.0	0.5	1.0	0.5	0.1	1.0
APO									
34.5	32.5	38.0	89.7	30.8	34.0	25.1	18.1	11.4	9.0
SPO									
40.3	36.5	13.6	4.0	16.4	12.1	14.6	15.7	65.7	41.8
NAP									
25.1	30.9	48.3	6.1	52.7	53.4	60.2	66.1	24.7	49.0

CRONKLEY PASTURES 1967
POLLEN GRAINS COUNTED

DEPTHS											
	0.0	6.0	16.0	26.0	36.0	46.0	56.0	66.0	76.0	86.0	96.0	106.0
	116.0	126.0	136.0	146.0	156.0	166.0	176.0	186.0	196.0	206.0	216.0	226.0
	236.0	246.0	256.0	261.0	266.0	271.0	276.0	281.0	286.0			
COUNT												
BET												
	12.0	6.0	2.0	11.0	3.0	7.0	39.0	48.0	6.0	7.0	22.0	16.0
	6.0	14.0	22.0	5.0	7.0	7.0	3.0	12.0	28.0	20.0	23.0	14.0
	18.0	4.0	3.0	6.0	5.0	10.0	15.0	38.0	9.0			
PIN												
	0.0	4.0	1.0	2.0	3.0	2.0	1.0	4.0	1.0	3.0	2.0	1.0
	1.0	2.0	2.0	2.0	4.0	11.0	9.0	4.0	5.0	4.0	3.0	11.0
9001.0		3.0	3.0	1.0	3.0	2.0	6.0	8.0	1.0			
QU												
	30.0	47.0	31.0	60.0	58.0	106.0	62.0	57.0	47.0	36.0	87.0	113.0
	56.0	76.0	76.0	87.0	80.0	72.0	76.0	81.0	73.0	89.0	56.0	49.0
	57.0	44.0	31.0	5.0	47.0	34.0	52.0	51.0	76.0			
ULM												
	1.0	3.0	1.0	1.0	0.0	1.0	3.0	3.0	0.0	0.0	2.0	3.0
	2.0	0.0	1.0	2.0	6.0	5.0	3.0	3.0	1.0	2.0	1.0	4.0
	5.0	1.0	0.0	0.0	2.0	1.0	4.0	5.0	14.0			
TIL												
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
FA												
	1.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
FX												
	9.0	12.0	8.0	13.0	1.0	5.0	21.0	23.0	6.0	9.0	12.0	10.0
	6.0	17.0	21.0	8.0	11.0	14.0	14.0	17.0	11.0	26.0	6.0	8.0
	8.0	6.0	7.0	3.0	6.0	6.0	6.0	11.0	3.0			
ALN												
	11.0	2.0	9.0	7.0	7.0	6.0	20.0	27.0	19.0	9.0	24.0	40.0
	7.0	42.0	83.0	55.0	90.0	30.0	69.0	82.0	92.0	65.0	122.0	120.0
	179.0	150.0	12.0	1.0	33.0	47.0	119.0	87.0	113.0			
SX												
	1.0	0.0	0.0	0.0	0.0	2.0	1.0	2.0	0.0	0.0	1.0	2.0
	0.0	1.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	2.0	0.0
	0.0	1.0	3.0	0.0	1.0	1.0	2.0	6.0	3.0			
COR												
	38.0	38.0	76.0	53.0	39.0	31.0	175.0	176.0	63.0	63.0	126.0	109.0
	36.0	51.0	108.0	61.0	73.0	84.0	81.0	105.0	128.0	80.0	61.0	79.0
	80.0	85.0	71.0	8.0	93.0	81.0	118.0	133.0	110.0			
HED												
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
ACE												
	1.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0	0.0	0.0
	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
ERI												
	97.0	421.0	35.0	29.0	45.0	20.0	5.0	4.0	10.0	3.0	9.0	17.0
	3.0	3.0	1.0	4.0	3.0	5.0	1.0	2.0	4.0	2.0	2.0	9001.0
	1.0	3.0	95.0	14.0	55.0	41.0	15.0	18.0	3.0			
GRA												
	305.0	220.0	193.0	298.0	193.0	202.0	135.0	149.0	119.0	75.0	156.0	241.0
	73.0	163.0	211.0	248.0	214.0	153.0	248.0	199.0	78.0	135.0	167.0	261.0
	173.0	159.0	297.0	40.0	383.0	119.0	150.0	139.0	195.0			

CER											
9001.0	1.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0			
CYP											
370.0	207.0	350.0	540.0	651.0	361.0	426.0	344.0	753.0	749.0	431.0	375.0
213.0	200.0	103.0	322.0	149.0	206.0	415.0	334.0	26.0	41.0	34.0	23.0
11.0	5.0	368.0	187.0	552.0	350.0	157.0	219.0	28.0			
RUD											
28.0	35.0	23.0	19.0	16.0	39.0	15.0	23.0	11.0	9.0	10.0	17.0
10.0	17.0	14.0	15.0	11.0	6.0	5.0	10.0	6.0	5.0	6.0	8.0
13.0	8.0	29.0	10.0	31.0	10.0	8.0	7.0	6.0			
PLA											
10.0	22.0	8.0	5.0	7.0	31.0	4.0	4.0	4.0	4.0	3.0	4.0
1.0	3.0	4.0	6.0	3.0	1.0	0.0	1.0	3.0	2.0	1.0	1.0
1.0	0.0	18.0	6.0	15.0	8.0	1.0	4.0	1.0			
PMM											
2.0	0.0	0.0	3.0	0.0	1.0	1.0	0.0	1.0	0.0	0.0	1.0
0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	1.0	0.0	9001.0	0.0			
RX											
1.0	2.0	0.0	0.0	1.0	4.0	3.0	6.0	2.0	1.0	2.0	3.0
2.0	2.0	4.0	2.0	2.0	0.0	1.0	5.0	1.0	3.0	4.0	4.0
11.0	5.0	2.0	2.0	3.0	0.0	3.0	0.0	4.0			
ART											
0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0			
CCT											
4.0	5.0	1.0	0.0	1.0	0.0	1.0	2.0	0.0	0.0	0.0	1.0
1.0	3.0	2.0	2.0	9001.0	9001.0	9001.0	9001.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0			
CCL											
8.0	1.0	13.0	8.0	5.0	2.0	0.0	0.0	0.0	3.0	0.0	0.0
1.0	1.0	1.0	0.0	0.0	2.0	0.0	1.0	0.0	0.0	0.0	1.0
1.0	1.0	3.0	0.0	7.0	0.0	3.0	1.0	0.0			
UMB											
1.0	0.0	1.0	1.0	0.0	0.0	1.0	1.0	9001.0	1.0	0.0	7.0
4.0	6.0	1.0	2.0	9001.0	0.0	3.0	0.0	0.0	0.0	1.0	0.0
0.0	1.0	3.0	0.0	2.0	0.0	0.0	1.0	1.0			
MEL											
0.0	1.0	0.0	0.0	1.0	0.0	2.0	2.0	2.0	0.0	2.0	1.0
1.0	1.0	0.0	1.0	3.0	2.0	1.0	3.0	0.0	0.0	0.0	4.0
1.0	1.0	2.0	0.0	0.0	0.0	1.0	0.0	0.0			
CHE											
0.0	2.0	0.0	1.0	0.0	1.0	2.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	9001.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0			
RCS											
8.0	9.0	3.0	6.0	5.0	4.0	2.0	1.0	4.0	3.0	3.0	2.0
1.0	1.0	5.0	4.0	5.0	2.0	0.0	1.0	2.0	0.0	1.0	4.0
1.0	1.0	6.0	4.0	3.0	6.0	2.0	9001.0	1.0			
PCT											
4.0	1.0	5.0	9001.0	0.0	0.0	2.0	3.0	0.0	0.0	0.0	0.0
2.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	2.0	0.0	1.0	0.0
2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.0			
MCL											
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0			
[illegible]											
1.0	2.0	1.0	4.0	0.0	3.0	1.0	6.0	6.0	3.0	9001.0	2.0
0.0	9001.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	9001.0	0.0	9001.0	1.0	0.0	0.0	0.0			
[illegible]											
0.0	1.0	1.0	9001.0	0.0	3.0	1.0	2.0	1.0	1.0	1.0	2.0
0.0	0.0	2.0	1.0	2.0	1.0	0.0	0.0	0.0			

ONOB
0.0 0.0 0.0 0.0 0.0 2.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 11.0 4.0 0.0
9001.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
RAN
1.0 2.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0 0.0 0.0 3.0
1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 9001.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0
CARY
9001.0 0.0 0.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 1.0
0.0 0.0 1.0 0.0 2.0 1.0 0.0 1.0 0.0 9001.0 0.0 0.0
0.0 0.0 0.0 2.0 1.0 2.0 2.0 1.0 0.0
FIL
1.0 8.0 1.0 9001.0 9001.0 1.0 3.0 2.0 2.0 2.0 3.0 3.0
2.0 5.0 5.0 8.0 7.0 3.0 7.0 17.0 5.0 6.0 13.0 13.0
37.0 16.0 1.0 0.0 3.0 4.0 4.0 4.0 2.0
SUCC
0.0 0.0 5.0 3.0 9001.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 2.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0
1.0 0.0 2.0 1.0 3.0 0.0 0.0 1.0 1.0
THA
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 9001.0 0.0
NAR
0.0 0.0 2.0 0.0 0.0 0.0 0.0 4.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0
0.0 0.0 0.0 0.0 9001.0 0.0 0.0 0.0 0.0
PCB
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0
1.0 0.0 0.0 0.0 0.0 2.0 9001.0 1.0 0.0
VAL
0.0 0.0 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
POTA
2.0 2.0 0.0 1.0 2.0 0.0 26.0 22.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 9001.0 0.0 0.0 2.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
SPA
0.0 0.0 0.0 1.0 0.0 0.0 1.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
FILI
10.0 11.0 9.0 19.0 31.0 16.0 24.0 14.0 21.0 32.0 41.0 48.0
35.0 75.0 86.0 136.0 304.0 371.0 65.0 151.0 24.0 66.0 46.0 46.0
34.0 57.0 46.0 9.0 78.0 28.0 109.0 128.0 57.0
PCLY
0.0 0.0 9001.0 2.0 2.0 1.0 9001.0 1.0 4.0 1.0 3.0 9001.0
0.0 9001.0 2.0 3.0 3.0 1.0 2.0 8.0 3.0 7.0 2.0 12.0
7.0 8.0 1.0 5.0 3.0 2.0 4.0 2.0 3.0
PTR
4.0 16.0 10.0 3.0 13.0 15.0 11.0 2.0 14.0 11.0 6.0 8.0
6.0 13.0 11.0 4.0 9.0 3.0 2.0 5.0 5.0 0.0 0.0 1.0
0.0 1.0 10.0 5.0 19.0 4.0 4.0 7.0 9.0
SEL
1.0 1.0 3.0 4.0 20.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
0.0 0.0 11.0 10.0 9001.0 42.0 0.0 0.0 0.0
SPH
55.0 47.0 289.0 12.0 52.0 5.0 5.0 9.0 11.0 7.0 87.0 7.0
1.0 1.0 7.0 3.0 5.0 1.0 1.0 5.0 2.0 4.0 4.0 0.0
0.0 6.0 8.0 43.0 13.0 13.0 27.0 23.0 7.0

CRONKLEY PASTURES 1967
PERCENTAGE OF POLLEN SUM

DEPTHS											
0.0	6.0	16.0	26.0	36.0	46.0	56.0	66.0	76.0	86.0	96.0	106.0
116.0	126.0	136.0	146.0	156.0	166.0	176.0	186.0	196.0	206.0	216.0	226.0
236.0	246.0	256.0	261.0	266.0	271.0	276.0	281.0	295.0			
PERCENTAGES											
BET											
22.6	8.3	4.6	12.6	4.6	5.7	30.9	35.5	10.0	12.7	17.6	11.1
8.3	12.8	18.0	4.4	6.3	8.0	2.8	10.1	23.7	14.0	25.8	16.2
20.4	6.8	6.8	40.0	7.9	15.6	18.0	30.6	8.6			
PIN											
0.0	5.5	2.3	2.2	4.6	1.6	0.7	2.9	1.6	5.4	1.6	0.6
1.3	1.8	1.6	1.7	3.6	9.5	6.5	3.3	4.2	2.8	3.3	12.7
9001.0	5.1	6.8	6.6	4.7	3.1	7.2	6.4	0.9			
QU											
56.6	65.2	72.0	68.9	89.2	87.6	49.2	42.2	78.3	65.4	69.6	79.0
77.7	69.7	62.2	77.6	72.0	62.6	72.3	68.6	61.8	62.6	62.9	56.9
64.7	75.8	70.4	33.3	74.6	55.1	62.6	41.1	73.0			
ULM											
1.8	4.1	2.3	1.1	0.0	0.8	2.3	2.2	0.0	0.0	1.6	2.0
2.7	0.0	0.8	1.7	7.2	4.3	2.8	2.5	0.6	1.4	1.1	4.6
5.6	1.7	0.0	0.0	3.1	1.5	4.8	4.0	13.4			
TIL											
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.7	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
FA											
1.8	0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
FX											
16.9	16.6	18.6	14.9	1.5	4.1	16.6	17.0	10.0	16.3	9.6	6.9
8.3	15.5	17.2	7.1	9.9	12.1	13.3	14.4	9.3	18.3	6.7	9.3
9.0	10.3	15.9	20.0	9.5	9.3	7.2	8.8	2.8			
ALN											
20.7	2.7	20.9	8.0	10.7	4.9	15.8	20.0	31.6	16.3	19.2	27.9
9.7	38.5	68.0	49.1	81.0	26.0	65.7	69.4	77.9	45.7	137.0	139.5
203.4	258.6	27.2	6.6	52.3	73.4	143.3	70.1	108.6			
SX											
1.8	0.0	0.0	0.0	0.0	1.6	0.7	1.4	0.0	0.0	0.8	1.3
0.0	0.9	0.8	0.0	0.0	0.8	0.0	0.0	0.0	0.0	2.2	0.0
0.0	1.7	6.8	0.0	1.5	1.5	2.4	4.6	2.8			
COR											
71.6	52.7	176.7	60.9	60.0	25.6	138.8	130.3	108.3	114.5	100.8	76.2
50.0	46.7	88.5	54.4	65.7	73.0	77.1	88.9	108.4	56.3	68.5	91.8
90.9	146.5	161.3	53.3	147.6	126.5	142.1	107.2	105.7			
HED											
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.9	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
ACE											
1.8	0.0	2.3	0.0	0.0	0.0	0.0	0.7	0.0	1.8	0.0	0.0
0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
ERI											
183.0	584.7	81.3	33.3	69.2	16.5	3.9	2.9	16.6	5.4	7.2	11.8
4.1	2.7	0.8	3.5	2.7	4.3	0.9	1.6	3.3	1.4	2.2	9001.0
1.1	5.1	215.9	93.3	87.3	64.0	18.0	14.5	2.8			
GRA											
575.4	305.5	448.8	342.5	296.9	166.9	107.1	110.3	198.3	136.3	124.8	168.3
101.3	149.5	172.9	221.4	192.7	133.0	236.1	168.6	66.1	95.0	187.6	303.4
196.5	274.1	675.0	266.6	207.9	185.9	180.7	112.0	187.5			

CER
9001.0 1.3 9001.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 9001.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 1.5 0.0 0.0 0.0 0.0
CYP
698.1 287.5 813.9 620.6 1001.5 298.3 538.0 254.8 1255.0 1301.8 344.8 262.2
295.8 183.4 84.4 287.5 134.2 179.1 395.2 283.0 22.0 28.8 38.2 26.7
12.5 8.6 836.3 1246.6 876.1 546.8 189.1 176.6 26.9
RUB
52.8 48.6 53.4 21.8 24.6 32.2 11.9 17.0 19.3 18.3 8.0 11.8
13.8 15.5 11.4 13.3 9.9 5.2 4.7 8.4 5.0 3.5 6.7 9.3
14.7 13.7 65.9 66.6 49.2 15.6 9.6 5.8 5.7
RGS
15.0 12.5 6.9 6.8 7.6 3.3 1.5 0.7 0.8 5.4 2.4 1.3
1.3 0.9 4.0 3.5 4.5 1.7 0.0 0.8 1.8 0.0 1.1 4.8
1.1 1.7 13.6 26.6 4.7 9.3 2.4 9001.0 0.9
PGT
7.5 1.3 11.6 9001.0 0.0 0.0 1.5 2.2 0.0 0.0 0.0 0.0
2.7 0.0 0.0 0.0 0.0 0.0 1.9 1.8 1.8 0.0 1.1 0.0
2.2 0.0 0.0 0.0 0.0 0.0 0.0 -1.6 0.9
HEL
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
RUB
3.7 2.7 2.3 4.5 6.1 2.4 3.7 4.4 10.0 5.4 9001.0 0.0
0.0 9001.0 0.0 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 9001.1 0.2 9001.1 1.5 1.0 0.0 0.3
CRUC
0.0 1.3 2.3 9001.6 3.1 1.4 3.7 1.4 1.8 1.8 0.8 1.3
0.0 0.0 1.5 4.4 0.0 0.0 0.9 0.3 0.0 0.0 0.0 0.0
0.0 0.0 0.0 6.6 3.1 1.5 0.0 0.0 0.3
ONCB
0.0 0.0 0.0 0.0 0.0 1.8 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 7.7 4.4 0.0
9001.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
RAN
1.8 2.7 0.0 0.0 0.0 0.0 0.7 0.3 0.0 0.0 0.0 2.0
1.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 9001.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 1.2 0.0 0.0
CARY
9001.0 0.0 0.0 1.1 1.5 0.8 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.8 0.0 1.8 0.8 0.0 0.8 0.0 9001.0 0.0 0.0
0.0 0.0 0.0 13.3 1.5 3.1 2.4 0.8 0.0
FIL
1.8 11.1 2.3 9001.0 9001.0 0.8 2.3 1.4 3.3 3.6 2.4 2.0
2.7 4.5 4.0 7.1 6.3 2.6 6.6 14.4 5.0 4.2 14.0 15.1
42.0 27.5 2.2 0.0 4.7 6.2 4.8 3.2 1.9
SUCC
0.0 0.0 11.6 3.4 9001.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 1.8 0.8 0.0 0.0 0.0 0.0 0.0 0.0
1.1 0.0 4.5 6.6 4.7 0.0 0.0 0.8 0.9
THA
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 9001.0 0.0
NAR
0.0 0.0 4.6 0.0 0.0 0.0 0.0 2.9 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.7 0.0 0.0
0.0 0.0 0.0 0.0 9001.0 0.0 0.0 0.0 0.0
PCB
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.8 0.0 0.0 0.0 0.0 0.0 0.0
1.1 0.0 0.0 0.0 0.0 3.1 9001.0 0.8 0.0
VAL
0.0 0.0 0.0 1.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

POTA
3.7 2.7 0.0 1.1 3.0 0.0 20.6 16.2 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 9001.0 0.0 0.0 1.6 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
SPA
0.0 0.0 0.0 1.1 0.0 0.0 0.7 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
FILI
18.8 15.2 20.9 21.8 47.6 13.2 19.0 10.3 35.0 58.1 32.8 33.5
48.6 68.8 70.4 121.4 273.8 322.6 61.9 127.9 20.3 46.4 51.6 53.4
38.6 98.2 104.5 60.0 123.8 43.7 131.3 103.2 54.8
POLY
0.0 0.0 9001.0 2.2 3.0 0.8 9001.0 0.7 6.6 1.8 2.4 9001.0
0.0 9001.0 1.6 2.6 2.7 0.8 1.9 6.7 2.5 4.9 2.2 13.9
7.9 13.7 2.2 33.3 4.7 3.1 4.8 1.6 2.8
PTR
7.5 22.2 23.2 3.4 20.0 12.3 8.7 1.4 23.3 20.0 4.8 5.5
8.3 11.9 9.0 3.5 8.1 2.6 1.9 4.2 4.2 0.0 0.0 1.1
0.0 1.7 22.7 33.3 30.1 6.2 4.8 5.6 8.6
SEL
1.8 1.3 6.9 4.3 30.7 0.8 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.1
0.0 0.0 25.0 66.6 9001.0 65.6 0.0 0.0 0.0
SPH
103.7 65.2 672.0 13.7 80.0 4.1 3.9 6.8 18.3 12.7 69.6 4.8
1.3 0.9 5.7 2.6 4.3 0.8 0.9 4.2 1.6 2.8 4.4 0.0
0.0 10.3 12.1 206.6 30.6 20.3 32.5 18.5 6.7

CRONKLEY PASTURES 1967
PERCENTAGE OF POLLEN SUM

DEPTHS
0.0 6.0 16.0 26.0 36.0 46.0 56.0 66.0 76.0 80.0 96.0 106.0
116.0 126.0 136.0 146.0 156.0 166.0 176.0 186.0 196.0 206.0 216.0 226.0
236.0 246.0 256.0 261.0 266.0 271.0 276.0 281.0 295.0

PERCENTAGES
PLA
18.8 30.5 18.6 5.7 10.7 25.6 3.1 2.9 6.6 7.2 2.4 2.7
1.3 2.7 3.2 5.3 2.7 0.8 0.0 0.8 2.5 1.4 1.1 1.1
1.1 0.0 40.9 40.0 23.8 12.5 1.2 3.2 0.9
PMM
3.7 0.0 0.0 3.4 0.0 0.8 0.7 0.0 1.6 0.0 0.0 0.6
0.0 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 1.5 0.0 9001.0 0.0
RX
1.8 2.7 0.0 0.0 1.5 3.3 2.3 4.4 3.3 1.8 1.6 2.0
2.7 1.8 3.2 1.7 1.8 0.0 0.9 4.2 0.8 2.1 4.4 4.6
12.5 8.6 4.5 13.3 4.7 0.0 3.6 0.0 3.8
ART
0.0 0.0 0.0 9001.0 0.0 0.0 0.0 0.0 0.0 9001.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 2.2 0.0 0.0 1.5 0.0 0.0 0.0
COT
7.5 6.9 2.3 0.0 1.5 0.0 0.7 1.4 0.0 0.0 0.0 0.6
1.3 2.7 1.6 1.7 9001.0 9001.0 9001.0 9001.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 1.5 0.0 0.0 0.0 0.0
COL
15.0 1.3 30.2 9.1 7.6 1.6 0.0 10.0 0.0 5.4 0.0 0.0
1.3 0.9 0.8 0.0 0.0 1.7 0.0 0.8 0.0 0.0 0.0 1.1
1.1 1.7 6.8 0.0 11.1 0.0 3.6 0.8 0.0

UMB											
1.8	0.0	2.3	1.1	0.0	0.0	0.7	0.7	9001.0	1.8	0.0	4.8
5.5	5.5	0.8	1.7	9001.0	0.0	2.8	0.0	0.0	0.0	1.1	0.0
0.0	1.7	6.8	0.0	3.1	0.0	0.0	0.8	0.9			
MEL											
0.0	1.3	0.0	0.0	1.5	0.0	1.5	1.4	3.3	0.0	1.6	0.6
1.3	0.9	0.0	0.8	2.7	1.7	0.9	2.5	0.0	0.0	0.0	4.6
1.1	1.7	4.5	0.0	0.0	0.0	1.2	0.0	0.0			
CHE											
0.0	2.7	0.0	1.1	0.0	0.8	1.5	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	9001.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0			

CRONKLEY PASTURES 1967

PERCENTAGE OF TOTAL POLLEN

DEPTHS											
0.0	6.0	16.0	26.0	36.0	46.0	56.0	66.0	76.0	86.0	96.0	106.0
116.0	126.0	136.0	146.0	156.0	166.0	176.0	186.0	196.0	206.0	216.0	226.0
236.0	246.0	256.0	261.0	266.0	271.0	276.0	281.0	295.0			

PERCENTAGES											
BET											
1.3	0.5	0.2	1.0	0.2	0.8	4.1	5.3	0.5	0.7	2.4	1.6
1.4	2.3	3.3	0.5	1.0	1.1	0.3	1.3	6.0	3.6	4.5	2.3
3.0	0.8	0.3	2.1	0.4	1.3	2.2	5.1	1.5			
PIN											
0.0	0.3	0.1	0.1	0.2	0.2	0.1	0.4	0.0	0.3	0.2	0.1
0.2	0.3	0.3	0.2	0.5	1.8	0.9	0.4	1.0	0.7	0.5	1.8
9001.0	0.6	0.3	0.3	0.2	0.2	0.9	1.0	0.1			
QU											
3.2	4.6	4.4	5.7	5.6	13.3	6.6	6.3	4.4	3.7	9.7	11.8
13.3	12.7	11.5	10.4	11.8	11.8	8.1	9.2	15.7	16.3	11.1	8.2
9.7	9.0	3.3	1.7	3.8	4.5	7.8	6.9	13.4			
ULM											
0.1	0.2	0.1	0.0	0.0	0.1	0.3	0.3	0.0	0.0	0.2	0.3
0.4	0.0	0.1	0.2	1.1	0.8	0.3	0.3	0.2	0.3	0.1	0.6
0.8	0.2	0.0	0.0	0.1	0.1	0.6	0.6	2.4			
TIL											
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
FA											
0.1	0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

FX
0.9 1.1 1.1 1.2 0.0 0.6 2.2 2.5 0.5 0.9 1.3 1.0
1.4 2.8 3.1 0.9 1.6 2.2 1.4 1.9 2.3 4.7 1.1 1.3
1.3 1.2 0.7 1.0 0.4 0.8 0.9 1.5 0.5
ALN
1.1 0.1 1.2 0.6 0.6 0.7 2.1 2.9 1.8 0.9 2.6 4.1
1.6 7.0 12.5 6.5 13.3 4.9 7.3 9.4 19.8 11.9 24.3 20.2
30.4 30.8 1.2 0.3 2.7 6.3 17.9 11.8 19.9
SX
0.1 0.0 0.0 0.0 0.0 0.2 0.1 0.2 0.0 0.0 0.1 0.2
0.0 0.1 0.1 0.0 0.0 0.1 0.0 0.0 0.0 0.0 0.3 0.0
0.0 0.2 0.3 0.0 0.0 0.1 0.3 0.8 0.5
CCR
4.1 3.7 10.9 5.0 3.8 3.8 18.6 19.4 6.1 6.4 14.1 11.4
8.5 8.5 16.3 7.3 10.7 13.7 8.6 12.0 27.5 14.6 12.1 13.2
13.6 17.4 7.6 2.8 7.6 10.8 17.8 18.1 19.4
HED
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.1 0.0 0.0 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
ACE
0.1 0.0 0.1 0.0 0.0 0.0 0.0 0.1 0.0 0.1 0.0 0.0
0.0 0.0 0.0 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
ERI
10.5 41.2 5.0 2.7 4.3 2.5 0.5 0.4 0.9 0.3 1.0 1.7
0.7 0.5 0.1 0.4 0.4 0.8 0.1 0.2 0.8 0.3 0.3 9001.0
0.1 0.6 10.2 4.9 4.5 5.4 2.2 2.4 0.5
GRA
33.0 21.5 27.6 28.3 18.8 25.3 14.3 16.4 11.3 7.7 17.5 25.2
17.3 27.4 31.9 29.7 31.6 25.1 26.5 22.8 16.8 24.7 33.2 43.9
29.4 32.7 31.9 14.1 31.6 15.9 22.6 18.9 34.3
CER
9001.0 0.0 9001.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 9001.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
CYP
40.0 20.2 50.2 51.3 63.5 45.3 45.3 38.0 71.6 77.2 48.4 39.3
50.7 33.6 15.6 38.5 22.0 33.8 44.4 38.3 5.6 7.5 6.7 3.8
1.8 1.0 39.5 66.0 45.5 46.9 23.7 29.9 4.9
RUC
3.0 3.4 3.2 1.8 1.5 4.8 1.5 2.5 1.0 0.9 1.1 1.7
2.3 2.8 2.1 1.7 1.6 0.9 0.5 1.1 1.2 0.9 1.1 1.3
2.2 1.6 3.1 3.5 2.5 1.3 1.2 0.9 1.0
RCS
0.8 0.8 0.4 0.5 0.4 0.5 0.2 0.1 0.3 0.3 0.3 0.2
0.2 0.1 0.7 0.4 0.7 0.3 0.0 0.1 0.4 0.0 0.1 0.6
0.1 0.2 0.6 1.4 0.2 0.8 0.3 9001.0 0.1
PCT
0.4 0.0 0.7 9001.0 0.0 0.0 0.2 0.3 0.0 0.0 0.0 0.0
0.4 0.0 0.0 0.0 0.0 0.0 0.2 0.2 0.4 0.0 0.1 0.0
0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.2 0.1
HEL
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.0
RUB
0.2 0.1 0.1 0.3 0.0 0.3 0.1 0.6 0.5 0.3 9001.0 0.0
0.0 9001.0 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 9001.0 0.0 9001.0 0.1 0.0 0.0 0.0
CRUC
0.0 0.0 0.1 9001.0 0.0 0.3 0.1 0.2 0.0 0.1 0.1 0.2
0.0 0.0 0.3 0.5 0.0 0.0 0.1 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.3 0.1 0.1 0.0 0.0 0.0
CNCB
0.0 0.0 0.0 0.0 0.0 0.2 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2.0 0.7 0.0
9001.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

RAN

0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.3
0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0			

CARY

9001.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
0.0	0.0	0.1	0.0	0.2	0.1	0.0	0.1	0.0	9001.0	0.0	0.0
0.0	0.0	0.0	0.7	0.0	0.2	0.3	0.1	0.0			

FIL

0.1	0.7	0.1	9001.0	9001.0	0.1	0.3	0.2	0.1	0.2	0.3	0.3
0.4	0.8	0.7	0.9	1.0	0.4	0.7	1.9	1.2	1.1	2.5	2.1
6.3	3.2	0.1	0.0	0.2	0.5	0.6	0.5	0.3			

SUCC

0.0	0.0	0.7	0.2	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
0.1	0.0	0.2	0.3	0.2	0.0	0.0	0.1	0.1			

THA

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0			

NAR

0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0			

PCB

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
0.1	0.0	0.0	0.0	0.0	0.2	9001.0	0.1	0.0			

VAL

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

PGTA

0.2	0.1	0.0	0.0	0.1	0.0	2.7	2.4	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.4	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

SPA

0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

FILI

1.0	1.0	1.2	1.8	3.0	2.0	2.5	1.5	1.9	3.2	4.6	5.0
8.3	12.6	13.0	16.2	44.9	60.9	6.9	17.3	5.1	12.1	9.1	7.7
5.7	11.7	4.9	3.1	6.4	3.7	16.4	17.4	10.0			

PCLY

0.0	0.0	9001.0	0.1	0.1	0.1	9001.0	0.1	0.3	0.1	0.3	9001.0
0.0	9001.0	0.3	0.3	0.4	0.1	0.2	0.9	0.6	1.2	0.3	2.0
1.1	1.6	0.1	1.7	0.2	0.2	0.6	0.2	0.5			

PTR

0.4	1.5	1.4	0.2	1.2	1.8	1.1	0.2	1.3	1.1	0.6	0.8
1.4	2.1	1.6	0.4	1.3	0.4	0.2	0.5	1.0	0.0	0.0	0.1
0.0	0.2	1.0	1.7	1.5	0.5	0.6	0.9	1.5			

SEL

0.1	0.0	0.4	0.3	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
0.0	0.0	1.1	3.5	9001.0	5.6	0.0	0.0	0.0			

SPH

5.9	4.6	41.4	1.1	5.0	0.6	0.5	0.9	1.0	0.7	9.7	0.7
0.2	0.1	1.0	0.3	0.7	0.1	0.1	0.5	0.4	0.7	0.7	0.0
0.0	1.2	0.8	15.1	1.0	1.7	4.0	3.1	1.2			

APC

6.9	7.2	7.4	8.9	7.0	15.9	15.5	17.9	7.5	6.5	16.7	19.1
18.8	25.4	31.0	12.8	29.7	23.8	18.6	22.9	45.2	37.9	42.0	34.6
45.4	42.7	6.0	5.6	7.1	14.2	30.5	27.4	38.2			

SPC

4.3	3.7	3.8	5.0	3.8	4.1	18.7	19.8	6.1	6.5	14.2	11.6
8.5	8.7	16.5	7.3	12.7	13.9	8.6	12.0	27.5	14.6	12.5	13.2
13.6	17.6	7.9	2.8	7.7	10.9	18.2	18.9	19.9			

NAP

88.6	89.0	88.6	86.0	89.1	79.8	65.7	62.3	86.2	87.1	68.9	69.1
72.6	65.8	52.4	72.6	58.1	62.2	72.6	64.9	27.1	47.3	45.4	52.0
40.8	39.5	86.0	91.5	85.1	74.7	51.2	53.5	49.0			

CRONKLEY PASTURES B 1968
POLLEN GRAINS COUNTED

DEPTHS					
15.0	20.0	25.0	30.0	35.0	40.0
COUNT					
BET					
31.0	45.0	25.0	20.0	26.0	27.0
PIN					
8.0	7.0	17.0	10.0	17.0	10.0
QU					
53.0	25.0	48.0	35.0	58.0	41.0
ULM					
5.0	7.0	6.0	10.0	7.0	9.0
TIL					
0.0	1.0	9001.0	0.0	0.0	1.0
FX					
6.0	11.0	4.0	3.0	3.0	6.0
ALN					
135.0	128.0	169.0	139.0	103.0	116.0
SX					
4.0	6.0	1.0	2.0	3.0	2.0
CCR					
105.0	87.0	131.0	126.0	108.0	106.0
SCR					
0.0	0.0	0.0	0.0	1.0	0.0
ERI					
6.0	0.0	5.0	6.0	3.0	4.0
GRA					
110.0	88.0	98.0	77.0	44.0	99.0
CYP					
190.0	150.0	129.0	87.0	136.0	158.0
RUD					
6.0	6.0	3.0	2.0	3.0	5.0
PLA					
1.0	3.0	1.0	0.0	0.0	1.0
RX					
0.0	1.0	0.0	0.0	0.0	0.0
CCT					
9001.0	0.0	1.0	0.0	1.0	1.0
CCL					
0.0	2.0	0.0	0.0	0.0	9001.0
UMB					
4.0	0.0	1.0	2.0	1.0	3.0
MEL					
1.0	0.0	0.0	0.0	1.0	0.0
RCS					
0.0	0.0	0.0	0.0	0.0	0.0
HEL					
3.0	5.0	6.0	2.0	3.0	9.0
RUB					
0.0	0.0	0.0	0.0	1.0	0.0
MER					
1.0	0.0	0.0	1.0	0.0	3.0
CRUC					
1.0	3.0	2.0	0.0	1.0	6.0
SPER					
1.0	2.0	1.0	1.0	2.0	1.0
SAX					
0.0	0.0	0.0	1.0	0.0	0.0
RANE					
0.0	0.0	0.0	0.0	1.0	0.0
RAN					
0.0	0.0	0.0	0.0	0.0	3.0
CARY					
1.0	6.0	7.0	0.0	1.0	4.0
FIL					
0.0	1.0	2.0	0.0	0.0	2.0

SUCC					
0.0	12.0	23.0	11.0	29.0	0.0
THA					
0.0	0.0	0.0	0.0	1.0	0.0
FILI					
1.0	0.0	0.0	0.0	0.0	1.0
POLY					
147.0	130.0	146.0	161.0	156.0	107.0
PTR					
10.0	11.0	10.0	16.0	5.0	11.0
SPH					
18.0	12.0	6.0	8.0	14.0	11.0

CRONKLEY PASTURES B 1968
PERCENTAGE OF POLLEN SUM

DEPTHS					
15.0	20.0	25.0	30.0	35.0	40.0
PERCENTAGES					
BET					
30.0	46.8	25.0	25.6	21.4	28.7
PIN					
7.7	7.2	17.0	12.8	14.0	10.6
QU					
51.4	26.0	48.0	44.8	47.9	43.6
ULM					
4.8	7.2	6.0	12.8	5.7	9.5
TIL					
0.0	1.0	9001.0	0.0	0.0	1.0
FX					
5.8	11.4	4.0	3.8	2.4	6.3
ALN					
131.0	133.3	169.0	178.2	85.1	123.4
SX					
3.8	6.2	1.0	2.5	2.4	2.1
COR					
101.9	90.6	131.0	161.5	89.2	112.7
SGR					
0.0	0.0	0.0	0.0	0.8	0.0
ERI					
5.8	0.0	5.0	7.6	2.4	4.2
GRA					
106.7	91.6	98.0	98.7	36.3	105.3
CYP					
184.4	156.2	129.0	111.5	112.3	168.0
RUD					
5.8	6.2	3.0	2.5	2.4	5.3
ROS					
2.9	5.2	6.0	2.5	2.4	9.5
HEL					
0.0	0.0	0.0	0.0	0.8	0.0
RUB					
0.9	0.0	0.0	1.2	0.0	3.1
MER					
0.9	3.1	2.0	0.0	0.8	6.3
CRUC					
0.9	2.0	1.0	1.2	1.6	1.0
SPER					
0.0	0.0	0.0	1.2	0.0	0.0
SAX					
0.0	0.0	0.0	0.0	0.8	0.0
RANE					
0.0	0.0	0.0	0.0	0.0	3.1
RAN					
0.9	6.2	7.0	0.0	0.8	4.2
CARY					
0.0	1.0	2.0	0.0	0.0	2.1
FIL					
0.0	12.5	23.0	14.1	23.9	0.0

SUC					
0.0	0.0	0.0	0.0	0.8	0.0
THA					
0.9	0.0	0.0	0.0	0.0	1.0
FILI					
142.7	135.4	146.0	206.4	128.9	113.8
POLY					
9.7	11.4	10.0	20.5	4.1	11.7
PTR					
17.4	12.5	6.0	10.2	11.5	11.7
SPH					
7.7	6.2	6.0	7.6	2.4	3.1

CRONKLEY PASTURES B 1968
PERCENTAGE OF POLLEN SUM

DEPTHS					
15.0	20.0	25.0	30.0	35.0	40.0
PERCENTAGES					
PLA					
0.9	3.1	1.0	0.0	0.0	1.0
RX					
0.0	1.0	0.0	0.0	0.0	0.0
COT					
9001.0	0.0	1.0	0.0	0.8	1.0
COL					
0.0	2.0	0.0	0.0	0.0	9001.0
UMB					
3.8	0.0	1.0	2.5	0.8	3.1
MEL					
0.9	0.0	0.0	0.0	0.8	0.0

CRONKLEY PASTURES B 1968
PERCENTAGE OF TOTAL POLLEN

DEPTHS					
15.0	20.0	25.0	30.0	35.0	40.0
PERCENTAGES					
BET					
4.6	7.6	3.6	3.7	4.6	4.4
PIN					
1.1	1.1	2.5	1.8	3.0	1.6
QU					
7.8	4.2	7.0	6.5	10.3	6.6
ULM					
0.7	1.1	0.8	1.8	1.2	1.4
TIL					
0.0	0.1	9001.0	0.0	0.0	0.1
FX					
0.8	1.8	0.5	0.5	0.5	0.9
ALN					
20.0	21.6	24.9	26.0	18.3	18.9
SX					
0.5	1.0	0.1	0.3	0.5	0.3
COR					
15.6	14.7	19.3	23.6	19.2	17.2
SOR					
0.0	0.0	0.0	0.0	0.1	0.0
ERI					
0.8	0.0	0.7	1.1	0.5	0.6
GRA					
16.3	14.9	14.4	14.4	7.8	16.1

CYP					
28.2	25.4	19.0	16.3	24.2	25.7
RUD					
0.8	1.0	0.4	0.3	0.5	0.8
ROS					
0.4	0.8	0.8	0.3	0.5	1.4
HEL					
0.0	0.0	0.0	0.0	0.1	0.0
RUB					
0.1	0.0	0.0	0.1	0.0	0.4
MER					
0.1	0.5	0.2	0.0	0.1	0.9
CRUC					
0.1	0.3	0.1	0.1	0.3	0.1
SPER					
0.0	0.0	0.0	0.1	0.0	0.0
SAX					
0.0	0.0	0.0	0.0	0.1	0.0
RANE					
0.0	0.0	0.0	0.0	0.0	0.4
RAN					
0.1	1.0	1.0	0.0	0.1	0.6
CARY					
0.0	0.1	0.2	0.0	0.0	0.3
FIL					
0.0	2.0	3.3	2.0	5.1	0.0
SUCC					
0.0	0.0	0.0	0.0	0.1	0.0
THA					
0.1	0.0	0.0	0.0	0.0	0.1
FILI					
21.8	22.0	21.5	30.2	27.8	17.4
POLY					
1.4	1.8	1.4	3.0	0.8	1.7
PTR					
2.6	2.0	0.8	1.5	2.4	1.7
SPH					
1.1	1.0	0.8	1.1	0.5	0.4
APO					
35.4	37.9	39.7	40.7	39.9	34.2
SPO					
16.2	15.7	19.4	24.0	19.9	17.6
NAP					
49.4	46.4	40.9	35.3	40.2	49.2

FOX EARTH GILL 1968
POLLEN GRAINS COUNTED

DEPTHS											
0.0	12.0	17.0	22.0	27.0	32.0	37.0	42.0	47.0	52.0	57.0	62.0
72.0	82.0	92.0	97.0	102.0	107.0	112.0	122.0	132.0	142.0	152.0	162.0
167.0	172.0	177.0	182.0	187.0	192.0	197.0	202.0	212.0	222.0	232.0	242.0
252.0	262.0	273.0	283.0	285.0	287.0	291.0	293.0	295.0	299.0	303.0	307.0
313.0	320.0										
COUNT											
BET											
12.0	38.0	44.0	42.0	41.0	13.0	19.0	29.0	52.0	23.0	36.0	28.0
46.0	27.0	9.0	7.0	15.0	10.0	13.0	8.0	7.0	30.0	18.0	6.0
17.0	10.0	23.0	20.0	18.0	9.0	23.0	10.0	19.0	4.0	22.0	12.0
40.0	41.0	30.0	31.0	29.0	42.0	21.0	12.0	9.0	33.0	87.0	92.0
109.0	24.0										
PIN											
4.0	3.0	1.0	9001.0	3.0	2.0	1.0	2.0	0.0	1.0	1.0	3.0
1.0	3.0	6.0	2.0	12.0	8.0	10.0	16.0	26.0	15.0	10.0	35.0
19.0	28.0	55.0	18.0	47.0	98.0	45.0	82.0	35.0	47.0	56.0	92.0
66.0	82.0	70.0	49.0	50.0	62.0	57.0	21.0	31.0	72.0	29.0	19.0
17.0	8.0										
QU											
20.0	33.0	28.0	22.0	6.0	18.0	19.0	45.0	39.0	55.0	43.0	59.0
58.0	50.0	73.0	56.0	39.0	32.0	78.0	62.0	56.0	89.0	93.0	66.0
57.0	77.0	52.0	52.0	29.0	60.0	22.0	60.0	83.0	61.0	65.0	65.0
69.0	75.0	77.0	84.0	49.0	32.0	75.0	30.0	36.0	23.0	41.0	30.0
40.0	45.0										
ULM											
9.0	5.0	1.0	5.0	4.0	4.0	5.0	8.0	10.0	2.0	9.0	5.0
6.0	4.0	8.0	14.0	18.0	25.0	16.0	11.0	22.0	33.0	22.0	28.0
21.0	46.0	36.0	48.0	39.0	21.0	19.0	23.0	27.0	18.0	31.0	19.0
26.0	14.0	42.0	24.0	32.0	36.0	34.0	24.0	11.0	20.0	39.0	41.0
42.0	12.0										
TIL											
1.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0
2.0	1.0	6.0	0.0	1.0	0.0	3.0	1.0	1.0	0.0	1.0	0.0
1.0	0.0	0.0	1.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	0.0										
FA											
0.0	9001.0	9001.0	0.0	9001.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										
FX											
6.0	10.0	0.0	2.0	0.0	3.0	1.0	16.0	6.0	5.0	17.0	13.0
11.0	3.0	17.0	8.0	19.0	12.0	7.0	7.0	6.0	4.0	4.0	2.0
2.0	6.0	0.0	2.0	0.0	3.0	1.0	3.0	0.0	3.0	0.0	2.0
5.0	2.0	1.0	3.0	0.0	0.0	4.0	1.0	1.0	0.0	0.0	1.0
2.0	2.0										
ALN											
36.0	53.0	30.0	65.0	37.0	20.0	19.0	74.0	31.0	105.0	58.0	96.0
119.0	112.0	77.0	54.0	77.0	125.0	139.0	104.0	80.0	55.0	53.0	75.0
30.0	21.0	28.0	67.0	49.0	7.0	6.0	30.0	37.0	26.0	43.0	20.0
11.0	3.0	8.0	11.0	5.0	3.0	3.0	2.0	0.0	2.0	1.0	2.0
2.0	6.0										
SX											
0.0	4.0	1.0	1.0	2.0	0.0	1.0	1.0	0.0	1.0	3.0	5.0
9001.0	1.0	1.0	0.0	0.0	9001.0	5.0	3.0	1.0	4.0	3.0	3.0
2.0	4.0	3.0	2.0	1.0	1.0	7.0	3.0	2.0	3.0	1.0	1.0
3.0	4.0	2.0	4.0	4.0	3.0	2.0	2.0	2.0	5.0	5.0	1.0
8.0	4.0										

COR

81.0	172.0	69.0	180.0	64.0	83.0	27.0	207.0	92.0	240.0	121.0	214.0
203.0	226.0	266.0	162.0	204.0	227.0	279.0	198.0	208.0	159.0	192.0	199.0
112.0	165.0	109.0	241.0	167.0	233.0	53.0	255.0	228.0	228.0	238.0	248.0
138.0	241.0	178.0	121.0	100.0	85.0	194.0	71.0	102.0	78.0	293.0	194.0
397.0	163.0										

ACE

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9001.0	0.0										

HED

0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9001.0	2.0	0.0	1.0
0.0	1.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	0.0										

IL

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

ERI

597.0	334.0	281.0	417.0	207.0	473.0	264.0	214.0	236.0	351.0	136.0	192.0
285.0	249.0	127.0	69.0	76.0	99.0	90.0	45.0	37.0	85.0	114.0	53.0
41.0	30.0	51.0	99.0	30.0	18.0	4.0	17.0	37.0	48.0	21.0	19.0
11.0	16.0	9.0	24.0	11.0	6.0	10.0	38.0	10.0	6.0	11.0	10.0
8.0	5.0										

GRA

142.0	134.0	61.0	63.0	52.0	89.0	53.0	43.0	9.0	119.0	30.0	63.0
64.0	54.0	38.0	80.0	75.0	66.0	65.0	160.0	122.0	126.0	62.0	61.0
16.0	40.0	32.0	72.0	37.0	67.0	22.0	43.0	33.0	62.0	107.0	88.0
64.0	84.0	24.0	46.0	13.0	19.0	41.0	17.0	17.0	15.0	46.0	25.0
61.0	36.0										

CER

0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

CYP

50.0	199.0	104.0	105.0	141.0	147.0	86.0	45.0	14.0	72.0	24.0	79.0
62.0	65.0	160.0	146.0	128.0	154.0	138.0	132.0	122.0	115.0	112.0	200.0
148.0	326.0	109.0	42.0	83.0	437.0	303.0	126.0	116.0	154.0	236.0	330.0
329.0	377.0	453.0	216.0	241.0	284.0	504.0	210.0	741.0	290.0	93.0	104.0
77.0	58.0										

RUD

33.0	35.0	18.0	4.0	11.0	44.0	23.0	12.0	2.0	41.0	3.0	13.0
7.0	8.0	4.0	3.0	2.0	3.0	6.0	7.0	21.0	19.0	9.0	8.0
1.0	2.0	1.0	10.0	0.0	12.0	4.0	6.0	15.0	4.0	21.0	6.0
3.0	5.0	5.0	11.0	4.0	0.0	3.0	4.0	3.0	4.0	6.0	5.0
2.0	5.0										

PLA

10.0	19.0	10.0	3.0	8.0	30.0	18.0	8.0	0.0	28.0	0.0	5.0
2.0	5.0	1.0	1.0	0.0	1.0	1.0	2.0	0.0	0.0	0.0	1.0
0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

PMM

0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	2.0	0.0	0.0
0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

RX

0.0	3.0	6.0	1.0	0.0	9.0	4.0	0.0	2.0	3.0	2.0	2.0
3.0	0.0	1.0	0.0	0.0	0.0	3.0	0.0	1.0	1.0	5.0	1.0
0.0	0.0	1.0	1.0	0.0	1.0	0.0	6.0	12.0	3.0	16.0	1.0
0.0	1.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	2.0
1.0	1.0										

CCT

1.0	3.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	9001.0	0.0	1.0	9001.0	0.0	0.0	0.0	0.0	2.0	1.0	0.0
1.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	1.0	0.0	1.0	0.0	0.0	0.0	2.0	1.0	0.0	0.0	0.0
0.0	1.0										

COL

0.0	9001.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	1.0										

ART

0.0	3.0	2.0	0.0	0.0	2.0	1.0	0.0	0.0	4.0	0.0	1.0
9001.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

UMB

1.0	1.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	1.0	0.0	1.0
0.0	1.0	0.0	1.0	0.0	0.0	0.0	2.0	11.0	12.0	2.0	2.0
0.0	0.0	0.0	1.0	0.0	4.0	3.0	9001.0	0.0	0.0	1.0	1.0
0.0	2.0	0.0	0.0	3.0	0.0	3.0	2.0	3.0	1.0	3.0	2.0
1.0	1.0										

CHE

2.0	1.0	0.0	1.0	0.0	3.0	0.0	1.0	0.0	0.0	0.0	1.0
9001.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	2.0
1.0	0.0	2.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

URT

0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
0.0	0.0										

MEL

1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0
0.0	0.0	1.0	0.0	0.0	1.0	0.0	2.0	0.0	3.0	0.0	2.0
0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	2.0	2.0
0.0	1.0	3.0	2.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	1.0
0.0	0.0										

ROS

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

POT

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	2.0	1.0
2.0	2.0	0.0	1.0	1.0	1.0	1.0	0.0	2.0	9.0	1.0	2.0
9001.0	1.0	2.0	5.0	3.0	2.0	15.0	20.0	7.0	2.0	8.0	17.0
3.0	1.0										

HEL

0.0	1.0	5.0	2.0	1.0	1.0	0.0	1.0	1.0	0.0	2.0	0.0
0.0	0.0	1.0	0.0	1.0	1.0	1.0	1.0	0.0	1.0	1.0	0.0
1.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	1.0	2.0	0.0	1.0
0.0	0.0	0.0	0.0	0.0	7.0	0.0	1.0	1.0	0.0	1.0	4.0
2.0	0.0										

RUB

0.0	0.0	0.0	0.0	9001.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	2.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

CRUC

0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	6.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	2.0	1.0	1.0	7.0	4.0	0.0	0.0	0.0	1.0
0.0	1.0										

MER

0.0	2.0	1.0	0.0	1.0	3.0	2.0	2.0	0.0	0.0	1.0	0.0
0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0	2.0
3.0	9001.0	5.0	2.0	3.0	0.0	9001.0	1.0	1.0	1.0	0.0	1.0
1.0	4.0										

VIC

0.0	0.0	0.0	1.0	3.0	1.0	0.0	1.0	1.0	0.0	1.0	0.0
3.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

ONOB

0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	0.0	0.0
0.0	0.0	0.0	0.0	9001.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0
0.0	0.0										

SAX

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
0.0	0.0										

LAB

0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

RANE

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

RAN

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
0.0	0.0										

CARY

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9001.0
0.0	2.0	0.0	1.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	1.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	1.0										

FIL

0.0	1.0	0.0	0.0	1.0	0.0	0.0	2.0	0.0	1.0	1.0	1.0
2.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	9001.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	0.0
0.0	0.0	0.0	0.0	2.0	4.0	2.0	0.0	0.0	0.0	0.0	0.0
0.0	5.0										

SUCC

0.0	1.0	0.0	0.0	9001.0	0.0	0.0	1.0	1.0	1.0	0.0	1.0
2.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	4.0	0.0	3.0
2.0	2.0	0.0	1.0	0.0	4.0	0.0	3.0	0.0	9001.0	0.0	0.0
0.0	0.0	1.0	1.0	3.0	27.0	23.0	6.0	7.0	0.0	5.0	13.0
6.0	6.0										

POB

2.0	2.0	3.0	5.0	5.0	7.0	6.0	8.0	7.0	19.0	1.0	3.0
3.0	9001.0	1.0	3.0	8.0	3.0	15.0	5.0	0.0	0.0	0.0	0.0
1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	1.0
2.0	1.0	5.0	3.0	1.0	9.0	0.0	3.0	0.0	13.0	0.0	9001.0
1.0	1.0										

EPIL

1.0	2.0	0.0	1.0	3.0	2.0	0.0	3.0	1.0	2.0	1.0	1.0
0.0	22.0	1.0	2.0	0.0	9001.0	0.0	1.0	0.0	1.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

VAL

0.0	2.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

RHI

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	4.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

NAR

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

CAL

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

POTA

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

MYR

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	1.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	1.0	0.0
9001.0	0.0	2.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

FILI

0.0	0.0	0.0	1.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	1.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

POLY

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0
0.0	0.0	1.0	1.0	0.0	11.0	9.0	3.0	8.0	10.0	10.0	4.0
3.0	8.0	6.0	8.0	3.0	11.0	6.0	10.0	12.0	9.0	17.0	6.0
17.0	16.0	19.0	33.0	54.0	25.0	40.0	64.0	24.0	9.0	171.0	17.0
37.0	20.0										

PTR

5.0	0.0	13.0	21.0	0.0	21.0	16.0	26.0	0.0	12.0	12.0	5.0
34.0	17.0	19.0	13.0	14.0	9001.0	23.0	3.0	1.0	1.0	9001.0	0.0
0.0	0.0	0.0	2.0	0.0	2.0	1.0	0.0	2.0	2.0	10.0	5.0
3.0	0.0	7.0	3.0	4.0	9001.0	1.0	11.0	5.0	3.0	3.0	2.0
7.0	0.0										

SEL

9001.0	0.0	3.0	9001.0	0.0	3.0	9001.0	1.0	0.0	5.0	0.0	1.0
1.0	0.0	0.0	1.0	1.0	0.0	1.0	0.0	8.0	15.0	13.0	11.0
3.0	17.0	0.0	8.0	3.0	34.0	14.0	8.0	13.0	3.0	7.0	2.0
5.0	1.0	2.0	11.0	17.0	7.0	7.0	8.0	1.0	2.0	1.0	0.0
21.0	10.0										

SPH

6.0	0.0	3.0	7.0	0.0	1.0	4.0	10.0	0.0	2.0	6.0	0.0
9.0	1.0	2.0	7.0	4.0	9001.0	3.0	1.0	0.0	0.0	0.0	0.0
0.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	9001.0	5.0	4.0
9001.0	1.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	4.0										

FOX EARTH GILL 1968
PERCENTAGE OF POLLEN SUM

DEPTHS

0.0	12.0	17.0	22.0	27.0	32.0	37.0	42.0	47.0	52.0	57.0	62.0
72.0	82.0	92.0	97.0	102.0	107.0	112.0	122.0	132.0	142.0	152.0	162.0
167.0	172.0	177.0	182.0	187.0	192.0	197.0	202.0	212.0	222.0	232.0	242.0
252.0	262.0	273.0	283.0	285.0	287.0	291.0	293.0	295.0	299.0	303.0	307.0
313.0	320.0										

PERCENTAGES

BET

23.0	42.2	59.4	59.1	75.9	31.7	47.5	31.5	44.4	26.7	35.1	25.0
37.0	30.6	7.6	8.0	11.1	11.4	10.2	7.6	5.9	17.5	12.1	4.0
14.5	5.9	13.8	13.2	13.4	4.7	20.9	5.5	11.5	3.0	12.6	16.3
19.4	19.1	13.6	16.2	18.1	24.2	10.9	13.6	10.2	22.2	44.3	50.2
51.6	26.3										

PIN

7.6	3.3	1.3	9001.0	5.5	4.8	2.5	2.1	0.0	1.1	0.9	2.7
0.8	3.4	5.0	2.2	8.9	9.1	7.8	15.2	22.0	8.7	6.7	23.0
16.2	16.6	33.1	11.9	35.0	31.3	40.9	45.8	21.5	55.3	32.1	48.4
32.0	38.3	31.8	25.6	31.2	35.8	29.8	23.8	35.2	48.6	14.7	10.3
8.0	8.7										

QU

38.4	36.6	37.8	30.9	11.1	43.9	47.5	48.9	33.3	63.9	39.8	54.1
46.7	56.8	61.8	64.3	29.1	38.7	61.4	39.0	47.4	52.0	62.8	44.8
48.7	45.8	31.3	34.4	21.8	31.4	20.0	33.5	50.6	45.8	37.3	34.2
33.4	35.0	35.0	43.9	30.8	18.4	39.2	34.0	40.9	15.5	20.9	16.3
18.9	49.4										

ULM

17.3	5.5	1.3	7.0	7.4	9.7	12.5	8.0	8.5	2.3	8.3	4.5
4.8	4.5	6.7	16.0	13.4	28.7	12.5	10.4	18.8	19.2	14.8	19.0
17.9	27.3	21.8	31.7	29.1	10.9	17.2	12.8	10.4	13.5	17.8	10.0
12.6	6.5	19.0	12.5	20.0	20.8	17.8	27.2	12.5	13.5	19.8	22.4
19.9	13.1										

TIL

1.9	1.1	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.9
1.6	1.1	5.0	0.0	0.7	0.0	2.3	0.9	0.8	0.0	0.8	0.0
0.8	0.0	0.0	0.6	0.7	0.0	0.0	0.5	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
0.4	0.0										

FA

0.0	9001.0	9001.0	0.0	9001.0	2.4	0.0	1.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

FX

11.5	11.1	0.0	2.8	0.0	7.3	2.5	17.3	5.1	5.8	15.7	11.9
8.8	3.4	14.4	9.1	14.1	13.7	5.5	6.6	5.0	2.3	2.7	1.3
1.7	3.5	0.0	1.3	0.0	1.5	0.9	1.6	0.0	2.2	0.0	1.0
2.4	0.9	0.4	1.5	0.0	0.0	2.0	1.1	1.1	0.0	0.0	0.5
0.9	2.1										

ALN

69.2	58.8	40.5	91.5	68.5	48.7	47.5	80.4	26.4	122.0	53.7	88.5
95.9	127.2	65.2	62.0	57.4	148.6	109.4	99.0	67.7	32.1	35.8	51.0
25.6	12.5	16.8	44.3	36.5	3.6	5.4	16.7	22.5	19.5	24.7	10.5
5.3	1.4	3.6	5.7	3.1	1.7	1.5	2.2	0.0	1.3	0.5	1.0
0.9	6.5										

SX

0.0	4.4	1.3	1.4	3.7	0.0	2.5	1.0	0.0	1.1	2.7	4.5
9001.0	1.1	0.8	0.0	0.0	9001.0	3.9	2.8	0.8	2.3	2.0	2.0
1.7	2.3	1.8	1.3	0.7	0.5	0.3	1.0	1.2	2.2	0.5	0.5
1.4	1.8	0.9	2.0	2.5	1.7	1.0	2.2	2.2	3.3	2.5	0.5
3.7	4.3										

CCR

155.7	191.1	93.2	253.5	118.5	202.4	67.5	225.0	76.5	279.0	112.0	196.5
103.7	256.8	225.4	209.1	152.2	208.9	219.6	188.5	170.2	92.9	129.7	135.5
95.7	98.2	65.6	159.6	124.6	121.9	48.1	142.4	139.0	171.4	136.7	150.5
66.9	112.6	80.9	83.3	62.5	49.1	101.5	80.6	115.9	52.7	149.4	108.0
108.1	179.1										

ACE

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0
0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9001.0	0.0										

HED

0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9001.0	1.1	0.0	0.0
0.0	0.5	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	0.0										

IL

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

ERI

1148.0	371.1	379.7	587.3	383.3	1153.6	660.0	232.6	201.7	408.1	125.9	176.1
229.8	282.9	107.6	79.3	56.7	115.7	70.8	42.8	31.3	49.7	77.0	36.0
35.0	17.8	30.7	65.5	22.3	9.4	3.6	9.4	22.5	30.0	12.0	10.0
5.3	7.4	4.0	12.5	6.8	3.4	5.2	43.1	11.3	4.0	5.6	5.4
3.7	5.4										

GRA

273.0	148.8	82.4	88.7	96.2	207.3	132.5	46.7	7.6	138.3	27.7	57.7
51.6	61.3	32.2	91.9	55.9	98.8	51.1	152.3	103.3	73.6	41.8	41.4
13.6	23.8	19.2	47.6	27.6	35.0	20.0	24.0	20.1	46.6	61.4	46.3
31.0	39.2	10.9	24.0	8.1	10.9	21.4	19.3	19.3	10.1	23.4	15.6
28.9	39.5										

CER

0.0	1.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

CYP

96.1	221.1	140.5	147.8	261.1	358.5	215.0	48.9	11.9	83.7	22.2	72.4
50.0	73.8	135.5	167.8	95.5	177.0	108.6	125.7	103.3	67.2	79.6	136.0
126.4	194.0	65.6	27.8	61.9	228.7	275.4	70.3	71.9	115.7	139.6	173.8
159.7	176.1	205.9	113.0	150.6	164.1	263.8	238.6	842.0	195.9	47.4	56.8
36.4	63.7										

RUD

63.4	58.8	24.3	5.6	20.3	107.3	57.5	13.0	1.7	47.6	2.7	11.9
5.6	9.0	3.3	3.4	1.4	3.4	4.7	6.6	17.7	11.1	6.0	5.4
0.8	1.1	0.6	6.6	0.0	6.2	3.6	3.3	9.1	3.0	12.0	3.1
1.4	2.3	2.2	5.7	2.5	0.0	1.5	4.5	3.4	2.7	5.0	2.7
0.9	5.4										

RCS

0.0	3.3	2.7	1.4	5.7	4.8	0.0	1.0	0.8	1.1	0.9	0.0
1.5	10.2	0.8	2.2	9001.0	1.1	1.5	4.7	2.5	1.1	10.1	13.6
5.9	1.1	4.8	11.2	2.2	0.5	0.0	0.5	3.0	1.5	0.5	0.5
0.0	0.4	0.4	0.0	1.2	0.0	0.0	0.0	1.1	0.0	0.5	0.5
0.4	1.0										

PBI

0.0	1.1	1.3	0.0	1.8	0.0	0.0	0.0	0.0	2.3	0.0	0.0
0.8	2.2	0.0	1.1	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
0.8	0.0	0.6	2.6	1.4	0.0	0.0	0.0	0.0	0.0	9001.0	0.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
0.0	1.0										

HEL

0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.5	16.8	2.2	0.0	0.0	0.0
0.0	0.0										

RUB

0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0
0.0	0.0	2.5	0.0	0.0	0.0	0.0	1.9	0.8	0.5	4.7	2.7
0.0	0.0	0.0	0.6	0.0	0.5	0.0	1.1	0.6	0.0	1.5	1.5
0.9	0.9	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.5
0.0	1.0										

CRUC

0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
0.0	0.0	0.8	2.2	2.2	9001.0	3.9	1.9	2.5	0.0	9001.0	0.8
0.8	0.5	0.0	0.6	0.7	2.0	0.0	0.0	0.0	0.7	1.7	0.5
0.0	0.4	0.4	0.0	0.6	0.0	1.5	0.0	1.1	0.0	0.0	0.0
0.0	0.0										

MER

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

VIC

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	2.2	0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	0.6	0.0
0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.4	1.1	0.0	0.0	0.5
0.0	0.0										

ONOB

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

SAX

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0
0.0	0.0										

LAB

0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

RANE

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

RAN

0.0	0.0	0.0	9001.0	0.0	4.8	0.0	1.0	0.0	9001.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	1.7	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.5	0.0
0.0	0.9	0.0	0.5	0.6	0.5	1.0	3.4	0.0	0.0	0.0	0.0
0.0	0.0										

CARY

0.0	9001.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.3	1.3	0.0
0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.5	0.0	0.0	9001.0	0.0
0.0	0.4	0.4	0.5	0.0	0.5	1.0	0.0	1.1	0.0	0.0	0.0
0.0	0.0										

FIL

1.9	4.4	0.0	4.2	3.7	4.8	0.0	1.0	0.0	4.6	0.0	2.7
0.0	9001.0	0.0	0.0	0.0	0.0	0.7	0.9	2.5	15.7	15.5	4.0
5.9	0.0	3.0	8.6	4.4	3.1	1.8	1.1	1.8	3.7	2.8	3.8
2.9	3.7	3.1	9.9	0.8	1.7	1.5	9001.0	1.1	2.0	4.0	1.8
7.1	5.4										

SUCC

0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	3.3	1.1	1.4	1.1	3.9	2.8	0.8	5.2	0.0	2.0
0.0	7.7	0.0	9001.0	0.7	0.5	0.9	1.1	0.0	0.7	1.7	1.0
0.0	1.4	0.4	1.0	0.8	0.5	0.0	25.0	1.1	1.3	0.0	9001.0
0.0	1.0										

PCB

0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.7	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

EPIL

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	1.3	0.0	0.0
0.0	0.0										

VAL

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

RHI

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
0.0	0.0										

NAR

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
0.0	0.0										

CAL

0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

PCTA

5.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	2.2	0.8	0.0	9001.0	0.0	1.5	0.0	0.0	0.5	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0
0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0
1.8	0.0										

MYR

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.6	0.0	0.0
4.2	3.2										

FILI

15.3	11.1	13.5	5.6	5.5	19.5	15.0	8.6	2.5	12.7	5.5	9.1
9.6	10.2	14.4	6.8	12.6	18.3	14.9	31.4	45.7	14.6	27.0	43.5
20.5	5.3	103.0	11.2	27.6	10.4	4.5	0.0	7.9	15.7	0.0	11.0
7.7	12.1	0.0	6.2	7.5	2.8	17.8	19.3	21.5	8.7	7.1	9001.0
10.9	3.2										

POLY

1.9	1.1	9001.0	0.0	0.0	0.0	0.0	2.1	0.0	2.3	0.9	0.0
1.6	2.2	8.4	5.7	2.2	0.0	5.5	2.8	3.3	9001.0	0.0	7.4
4.2	1.7	1.8	1.3	5.2	0.0	9001.0	0.0	1.8	9001.0	0.0	1.5
9001.0	0.4	0.0	2.6	0.0	0.5	0.5	0.0	0.0	0.6	0.5	0.0
0.4	0.0										

PTR

15.3	16.6	17.5	15.4	5.5	41.4	0.0	8.6	2.5	39.5	12.9	7.3
10.4	3.4	5.9	2.2	3.7	1.1	1.5	10.4	14.4	4.0	4.7	5.4
0.8	1.1	0.6	0.0	15.6	5.2	5.4	0.0	1.8	5.2	0.0	0.5
1.9	4.6	0.0	1.0	3.7	0.0	4.7	1.1	2.2	4.7	2.0	9001.0
1.4	1.0										

SEL

0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0
0.0	9001.0	4.2	4.5	9001.0	1.1	1.5	1.9	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	1.4	2.0	1.8	9001.0	0.0	0.0	9001.0	3.1
0.9	2.3	0.4	1.0	0.8	6.9	2.0	11.1	0.0	0.8	2.0	9001.0
0.0	5.4										

SPH

175.0	178.8	106.7	132.3	77.7	234.1	202.5	55.4	11.1	22.0	504.0	167.8
48.3	235.2	143.2	396.5	372.3	537.9	311.8	21.9	168.8	1.1	1.3	9.5
230.7	10.1	72.2	14.5	82.0	3.1	3.6	2.7	873.7	208.2	31.6	10.3
1.4	2.8	3.6	15.1	10.0	7.5	15.0	3.4	17.0	13.5	3.5	2.1
1.8	4.3										

FOX EARTH GILL 1968
PERCENTAGE OF POLLEN SUM

DEPTHS

0.0	12.0	17.0	22.0	27.0	32.0	37.0	42.0	47.0	52.0	57.0	62.0
72.0	82.0	92.0	97.0	102.0	107.0	112.0	122.0	132.0	142.0	152.0	162.0
167.0	172.0	177.0	182.0	187.0	192.0	197.0	202.0	212.0	222.0	232.0	242.0
252.0	262.0	273.0	283.0	285.0	287.0	291.0	293.0	295.0	299.0	303.0	307.0
313.0	320.0										

PERCENTAGES

PLA

19.2	21.1	13.6	4.2	14.8	73.1	45.0	6.6	0.0	32.5	0.0	4.5
1.6	5.6	0.8	1.1	0.0	1.1	0.7	1.9	0.0	0.0	0.0	0.6
0.0	0.0	0.0	0.0	0.0	0.5	0.9	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

PMM

0.0	1.1	0.0	0.0	1.6	0.0	0.0	1.0	0.0	2.3	0.0	0.0
0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.6	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

RX

0.0	3.3	8.1	1.4	0.0	21.9	10.0	0.0	1.7	3.4	1.8	1.8
2.4	0.0	0.8	0.0	0.0	0.0	2.3	0.0	0.8	0.5	3.3	0.6
0.0	0.0	0.6	0.6	0.0	0.5	0.0	3.3	7.3	2.2	9.1	0.5
0.0	0.4	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.6	0.0	1.0
0.4	1.0										

CCT

1.9	3.3	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	9001.0	0.0	1.1	9001.0	0.0	0.0	0.0	7.6	1.1	0.6	0.0
0.8	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.4	0.0	0.6	0.0	0.0	0.0	2.2	1.1	0.0	0.0	0.0
0.0	1.0										

COL

0.0	9001.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	1.0										

ART

0.0	3.3	2.7	0.0	0.0	4.8	2.5	0.0	0.0	4.6	0.0	0.9
9001.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

UMB

1.9	1.1	0.0	1.4	0.0	0.0	0.0	1.0	0.0	1.1	0.0	0.9
0.0	1.1	0.0	1.1	0.0	0.0	0.0	1.9	9.3	7.0	1.3	1.3
0.0	0.0	0.0	0.6	0.0	2.0	2.7	9001.0	0.0	0.0	0.5	0.5
0.0	0.9	0.0	0.0	1.8	0.0	1.5	2.2	3.4	0.6	1.5	1.0
0.4	1.0										

CHE

3.8	1.1	0.0	1.4	0.0	7.3	0.0	1.0	0.0	0.0	0.0	0.9
9001.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	1.0
0.4	0.0	0.9	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

URT

0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.1	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0
0.0	0.0										

MEL

1.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.7
0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.9	0.0	1.7	0.0	1.3
0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	1.1	1.0
0.0	0.4	1.3	1.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.5
0.0	0.0										

FOX EARTH GILL 1968
PERCENTAGE OF TOTAL POLLEN

DEPTHS

0.0	12.0	17.0	22.0	27.0	32.0	37.0	42.0	47.0	52.0	57.0	62.0
72.0	82.0	92.0	97.0	102.0	107.0	112.0	122.0	132.0	142.0	152.0	162.0
167.0	172.0	177.0	182.0	187.0	192.0	197.0	202.0	212.0	222.0	232.0	242.0
252.0	262.0	273.0	283.0	285.0	287.0	291.0	293.0	295.0	299.0	303.0	307.0
313.0	320.0										

PERCENTAGES

BET

1.2	3.6	6.9	4.5	7.1	1.4	3.7	4.7	10.3	2.2	7.8	3.6
5.2	3.1	1.1	1.3	2.1	1.2	1.5	1.0	0.9	3.8	2.4	0.7
3.5	1.2	4.4	2.7	3.5	0.9	4.4	1.4	2.7	0.5	2.4	1.3
5.1	4.2	3.2	4.7	5.2	7.2	2.1	2.2	0.9	5.9	13.0	17.0
13.6	6.3										

PIN

0.4	0.2	0.1	9001.0	0.5	0.2	0.1	0.3	0.0	0.0	0.2	0.3
0.1	0.3	0.7	0.3	1.7	1.0	1.1	2.0	3.6	1.9	1.3	4.5
3.9	3.5	10.7	2.4	9.1	9.9	8.7	11.9	5.1	7.0	6.2	10.0
8.5	8.5	7.6	7.5	8.9	10.7	5.9	3.9	3.2	12.9	4.3	3.5
2.1	2.1										

QU

2.0	3.2	4.4	2.4	1.0	2.0	3.7	7.2	7.7	5.3	8.8	7.6
6.6	5.7	9.0	10.6	5.6	4.0	9.0	8.0	7.7	11.2	12.4	8.5
11.7	9.7	10.1	7.1	5.6	6.0	4.2	8.7	12.1	9.0	7.2	7.0
8.8	7.8	8.4	12.9	8.7	5.5	7.8	5.6	3.7	4.1	6.1	5.5
5.0	11.8										

ULM

0.9	0.4	0.1	0.5	0.6	0.4	0.9	1.2	1.9	0.1	1.8	0.6
0.6	0.4	0.9	2.6	2.6	3.1	1.8	1.4	3.0	4.1	2.9	3.6
4.3	5.8	7.0	6.5	7.5	2.1	3.7	3.3	3.9	2.6	3.4	2.0
3.3	1.4	4.6	3.7	5.7	6.2	3.5	4.5	1.1	3.5	5.8	7.5
5.2	3.1										

TIL

0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
0.2	0.1	0.7	0.0	0.1	0.0	0.3	0.1	0.1	0.0	0.1	0.0
0.2	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
0.1	0.0										

FA

0.0	9001.0	9001.0	0.0	9001.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

FX

0.6	0.9	0.0	0.2	0.0	0.3	0.1	2.5	1.1	0.4	3.5	1.6
1.2	0.3	2.1	1.5	2.7	1.5	0.8	0.9	0.8	0.5	0.5	0.2
0.4	0.7	0.0	0.2	0.0	0.3	0.1	0.4	0.0	0.4	0.0	0.2
0.6	0.2	0.1	0.4	0.0	0.0	0.4	0.1	0.1	0.0	0.0	0.1
0.2	0.5										

ALN

3.6	5.1	4.7	7.1	6.4	2.2	3.7	11.9	6.1	10.2	11.9	12.3
13.6	12.8	9.5	10.2	11.1	15.9	16.0	13.5	11.0	6.9	7.0	9.7
6.1	2.6	5.4	9.2	9.5	0.7	1.1	4.3	5.4	3.8	4.8	2.1
1.4	0.3	0.8	1.7	0.8	0.5	0.3	0.3	0.0	0.3	0.1	0.3
0.2	1.5										

SX

0.0	0.3	0.1	0.1	0.3	0.0	0.1	0.1	0.0	0.0	0.6	0.6
9001.0	0.1	0.1	0.0	0.0	9001.0	0.5	0.3	0.1	0.5	0.4	0.3
0.4	0.5	0.5	0.2	0.1	0.1	1.3	0.4	0.2	0.4	0.1	0.1
0.3	0.4	0.2	0.6	0.7	0.5	0.2	0.3	0.2	0.8	0.7	0.1
1.0	1.0										

CCR

8.1	16.6	10.9	19.6	11.1	9.2	5.2	33.5	18.2	23.4	25.0	27.5
23.3	26.0	33.1	34.4	29.5	28.9	32.2	25.8	28.8	20.1	25.6	25.7
23.0	20.8	21.2	33.1	32.4	23.6	10.3	37.0	33.3	33.9	26.5	27.0
17.7	25.0	19.5	18.7	17.9	14.6	20.2	13.4	10.5	14.0	43.8	35.8
49.8	43.0										

ACE

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0
0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9001.0	0.0										

HED

0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.2	0.0	0.1
0.0	0.1	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.1	0.0										

IL

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

ERI

60.3	32.4	44.4	45.5	36.0	52.6	51.4	34.6	46.9	34.2	28.0	24.7
32.7	28.6	15.8	13.0	10.9	12.6	10.4	5.8	5.1	10.7	15.2	6.8
8.4	3.7	9.9	13.5	5.8	1.8	0.7	2.4	5.4	7.1	2.3	2.0
1.4	1.6	0.9	3.7	1.9	1.0	1.0	7.2	1.0	1.0	1.6	1.8
1.0	1.3										

GRA

14.3	13.0	9.6	6.8	9.0	9.4	10.3	6.9	1.7	11.6	6.1	8.1
7.3	6.2	4.7	15.1	10.8	10.9	7.5	20.8	16.8	15.9	8.2	7.8
3.2	5.0	6.2	9.8	7.1	6.8	4.2	6.2	4.8	9.2	11.9	9.5
8.2	8.7	2.6	7.1	2.3	3.2	4.2	3.2	1.7	2.6	6.8	4.6
7.6	9.4										

CER

0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

CYP

5.0	19.3	16.4	11.4	24.5	16.3	16.7	7.2	2.7	7.0	4.9	10.1
7.1	7.4	19.9	27.6	18.5	19.6	15.9	17.2	16.8	14.5	14.9	25.8
30.5	41.1	21.2	5.7	16.1	44.3	59.1	18.3	17.2	22.9	26.3	35.9
42.3	39.2	49.7	33.3	43.2	49.0	52.5	39.8	76.5	52.0	13.9	19.2
9.6	15.3										

RUD

3.3	3.3	2.8	0.4	1.9	4.8	4.4	1.9	0.3	4.0	0.6	1.6
0.8	0.9	0.4	0.5	0.2	0.3	0.6	0.9	2.9	2.4	1.2	1.0
0.2	0.2	0.1	1.3	0.0	1.2	0.7	0.8	2.1	0.5	2.3	0.6
0.3	0.5	0.5	1.7	0.7	0.0	0.3	0.7	0.3	0.7	0.8	0.9
0.2	1.3										

ROS

0.0	0.2	0.3	0.1	0.3	0.2	0.0	0.1	0.1	0.0	0.2	0.0
0.2	1.0	0.1	0.3	9001.0	0.1	0.2	0.6	0.4	0.2	2.0	2.5
1.4	0.2	1.5	2.3	0.5	0.1	0.0	0.1	0.7	0.2	0.1	0.1
0.0	0.1	0.1	0.0	0.3	0.0	0.0	0.0	0.1	0.0	0.1	0.1
0.1	0.2										

PCT

0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0
0.1	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.1
0.2	0.0	0.1	0.5	0.3	0.0	0.0	0.0	0.0	0.0	9001.0	0.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
0.0	0.2										

HEL

0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.1	0.2	0.0	0.0	0.0
0.0	0.0										

RLB

0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.5	0.5
0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.2	0.1	0.0	0.1	0.3
0.2	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
0.0	0.2										

CRUC

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
0.0	0.0	0.1	0.3	0.4	9001.0	0.5	0.2	0.4	0.0	9001.0	0.1
0.2	0.1	0.0	0.1	0.1	0.4	0.0	0.0	0.0	0.1	0.3	0.1
0.0	0.1	0.1	0.0	0.1	0.0	0.3	0.0	0.1	0.0	0.0	0.0
0.0	0.0										

MER

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

VIC

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	0.1	0.0
0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.1	0.0	0.0	0.1
0.0	0.0										

ONOB

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

SAX

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0
0.0	0.0										

LAB

0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

RANE

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

RAN

0.0	0.0	0.0	9001.0	0.0	0.2	0.0	0.1	0.0	9001.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.0
0.0	0.2	0.0	0.1	0.1	0.1	0.2	0.5	0.0	0.0	0.0	0.0
0.0	0.0										

CARY

0.0	9001.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	9001.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.2	0.0
0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.1	0.0	0.0	9001.0	0.0
0.0	0.1	0.1	0.1	0.0	0.1	0.2	0.0	0.1	0.0	0.0	0.0
0.0	0.0										

FIL

0.1	0.3	0.0	0.3	0.3	0.2	0.0	0.1	0.0	0.3	0.0	0.3
0.0	9001.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	3.4	3.0	0.7
1.4	0.0	0.9	1.7	1.1	0.6	0.3	0.2	0.4	0.7	0.5	0.7
0.7	0.8	0.7	2.9	0.1	0.5	0.3	9001.0	0.1	0.5	1.1	0.5
1.8	1.3										

SUCC

0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.4	0.1	0.2	0.1	0.5	0.3	0.1	1.1	0.0	0.3
0.0	1.6	0.0	9001.0	0.1	0.1	0.5	0.1	0.2	0.0	0.1	0.3
0.2	0.0	0.3	0.1	0.1	0.1	0.0	4.1	0.1	0.3	0.0	9001.0
0.0	0.2										

PCB

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0
0.0	0.0										

EPIL

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.0	0.0
0.0	0.0										

VAL

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

RHI

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
0.0	0.0										

NAR

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
0.0	0.0										

CAL

0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0										

PCTA

0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.1	0.2	0.1	0.0	9001.0	0.0	0.2	0.0	0.0	0.1	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
0.5	0.0										

MYR

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0	2.0
1.1	0.7										

FILI

0.8	0.9	1.5	0.4	0.5	0.8	1.1	1.2	0.5	1.0	1.2	1.2
1.3	1.0	2.1	1.1	2.4	2.0	2.1	4.3	7.4	3.1	5.3	8.2
4.9	1.1	33.3	2.3	7.1	2.0	0.9	0.0	1.9	3.1	0.0	2.2
2.0	2.7	0.0	1.8	2.1	0.8	3.5	3.2	1.9	2.3	2.0	9001.0
2.8	0.7										

POLY

0.1	0.0	9001.0	0.0	0.0	0.0	0.0	0.3	0.0	0.1	0.2	0.0
0.2	0.2	1.2	0.9	0.4	0.0	0.8	0.3	0.5	9001.0	0.1	1.4
1.0	0.3	0.5	0.2	1.3	0.0	9001.0	0.0	0.4	9001.0	0.0	0.3
9001.0	0.1	0.0	0.7	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0
0.1	0.0										

PTR

0.8	1.4	2.0	1.2	0.5	1.8	0.0	1.2	0.5	3.3	2.8	1.0
1.4	0.3	0.8	0.3	0.7	0.1	0.2	1.4	2.3	0.8	0.9	1.0
0.2	0.2	0.1	0.0	4.0	1.0	1.1	0.0	0.4	1.0	0.0	0.1
0.5	1.0	0.0	0.3	1.0	0.0	0.9	0.1	0.2	1.2	0.5	9001.0
0.3	0.2										

SEL

0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0
0.0	9001.0	0.6	0.7	9001.0	0.1	0.2	0.2	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.3	0.4	0.3	9001.0	0.0	0.0	9001.0	0.6
0.2	0.5	0.1	0.3	0.1	2.0	0.4	0.1	0.0	0.1	0.5	9001.0
0.0	1.3										

APO

8.8	13.8	16.4	14.8	15.8	6.7	11.5	28.5	29.4	18.6	34.2	26.4
27.9	23.0	24.2	26.7	29.0	26.8	30.7	27.2	27.4	28.7	26.8	27.4
30.3	23.8	37.8	29.9	35.6	20.1	22.6	30.3	29.4	23.6	24.2	22.8
27.9	22.5	25.0	31.2	29.6	30.3	20.2	17.0	9.0	26.9	29.4	34.1
26.7	25.5										

SPU

9.2	17.0	11.0	19.8	11.4	9.2	5.4	33.7	18.2	23.5	25.6	28.2
23.3	31.9	33.2	34.4	29.5	28.9	32.8	26.2	28.9	21.4	26.6	26.2
23.5	21.4	21.8	33.5	32.6	23.7	11.7	37.6	39.0	34.4	26.7	27.2
18.1	25.4	19.7	19.3	18.6	15.1	20.4	13.8	10.7	14.9	44.6	36.0
51.0	44.0										

NAP

81.9	69.0	74.0	65.2	72.6	84.0	83.0	51.3	52.2	57.8	40.0	45.3
48.7	44.9	42.4	38.8	41.3	44.1	36.3	46.5	43.6	50.3	46.5	46.3
46.1	54.6	40.3	36.5	31.7	56.1	65.6	31.9	31.4	41.8	49.0	49.8
53.8	51.9	55.1	49.4	51.7	54.4	59.3	69.0	80.1	58.1	25.8	29.7
21.0	30.3										

MIRE HOLES 1968
POLLEN GRAINS COUNTED

DEPTHS											
10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0
130.0	140.0	150.0	160.0	170.0	180.0	185.0	190.0	195.0	200.0	202.0	204.0
206.0	208.0	210.0	220.0								
COUNT											
BET											
7.0	9.0	6.0	12.0	24.0	7.0	19.0	16.0	17.0	19.0	31.0	50.0
44.0	27.0	31.0	30.0	28.0	39.0	55.0	18.0	43.0	27.0	52.0	52.0
51.0	68.0	31.0	14.0								
PIN											
7.0	10.0	1.0	0.0	1.0	4.0	2.0	0.0	1.0	2.0	2.0	3.0
3.0	0.0	3.0	5.0	1.0	2.0	4.0	5.0	4.0	6.0	5.0	13.0
5.0	4.0	13.0	9.0								
QU											
15.0	4.0	11.0	31.0	20.0	30.0	17.0	9.0	31.0	34.0	28.0	53.0
45.0	27.0	35.0	48.0	61.0	51.0	91.0	84.0	78.0	49.0	78.0	68.0
68.0	68.0	55.0	25.0								
ULM											
6.0	1.0	0.0	0.0	3.0	0.0	1.0	2.0	3.0	1.0	5.0	7.0
9.0	3.0	10.0	5.0	9.0	11.0	5.0	11.0	5.0	32.0	27.0	26.0
36.0	23.0	33.0	23.0								
TIL											
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	1.0	2.0	2.0	2.0	9001.0	1.0	2.0	9001.0
3.0	9001.0	0.0	1.0								
FA											
0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0								
FX											
4.0	16.0	1.0	4.0	8.0	1.0	4.0	4.0	7.0	6.0	1.0	21.0
21.0	10.0	15.0	6.0	11.0	7.0	10.0	1.0	0.0	3.0	2.0	2.0
2.0	4.0	5.0	6.0								
ALN											
9.0	6.0	4.0	15.0	30.0	14.0	38.0	32.0	42.0	48.0	59.0	67.0
78.0	135.0	117.0	101.0	73.0	104.0	125.0	92.0	160.0	92.0	81.0	93.0
93.0	78.0	67.0	81.0								
SX											
2.0	3.0	0.0	5.0	2.0	3.0	1.0	0.0	4.0	2.0	1.0	1.0
2.0	2.0	0.0	0.0	2.0	1.0	0.0	0.0	1.0	0.0	1.0	0.0
3.0	4.0	0.0	0.0								
COR											
19.0	14.0	26.0	36.0	85.0	64.0	108.0	63.0	121.0	108.0	151.0	171.0
157.0	206.0	218.0	204.0	233.0	196.0	261.0	162.0	254.0	184.0	212.0	209.0
253.0	189.0	183.0	367.0								
HED											
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0								
ACE											
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	1.0	0.0								
TAX											
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0								
HIPP											
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0								
ERI											
184.0	291.0	327.0	292.0	207.0	732.0	225.0	269.0	667.0	858.0	441.0	0.0
229.0	354.0	405.0	335.0	184.0	274.0	95.0	99.0	297.0	91.0	1.0	1.0
7.0	5.0	5.0	3.0								

GRA
158.0 125.0 31.0 16.0 45.0 46.0 49.0 53.0 175.0 131.0 97.0 17.0
35.0 46.0 54.0 47.0 28.0 17.0 188.0 57.0 66.0 211.0 166.0 163.0
149.0 110.0 139.0 229.0
CER
1.0 2.0 0.0 2.0 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0
CYP
60.0 51.0 78.0 81.0 59.0 34.0 34.0 47.0 107.0 75.0 32.0 24.0
51.0 55.0 32.0 143.0 60.0 38.0 23.0 65.0 84.0 151.0 160.0 143.0
140.0 156.0 153.0 258.0
RUD
30.0 33.0 9.0 17.0 13.0 29.0 20.0 18.0 55.0 54.0 29.0 5.0
4.0 8.0 3.0 11.0 9001.0 1.0 3.0 4.0 5.0 6.0 4.0 5.0
8.0 9.0 7.0 9001.0
PLA
17.0 16.0 4.0 8.0 5.0 10.0 10.0 10.0 19.0 11.0 20.0 2.0
3.0 4.0 1.0 6.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0
PMM
4.0 5.0 2.0 0.0 1.0 9.0 2.0 3.0 12.0 1.0 0.0 0.0
1.0 1.0 0.0 4.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0
RX
3.0 5.0 3.0 5.0 4.0 6.0 4.0 2.0 4.0 1.0 5.0 0.0
0.0 0.0 2.0 0.0 9001.0 1.0 0.0 2.0 0.0 1.0 1.0 1.0
4.0 8.0 7.0 0.0
COT
3.0 3.0 0.0 1.0 1.0 1.0 0.0 1.0 1.0 1.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2.0 1.0 4.0
1.0 0.0 0.0 0.0
COL
1.0 0.0 0.0 0.0 0.0 1.0 1.0 0.0 1.0 2.0 0.0 2.0
0.0 0.0 0.0 0.0 0.0 9001.0 0.0 0.0 0.0 2.0 0.0 2.0
2.0 0.0 9001.0 0.0
ART
2.0 1.0 0.0 0.0 0.0 1.0 3.0 0.0 1.0 2.0 1.0 1.0
0.0 2.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0
CHE
0.0 1.0 0.0 1.0 0.0 1.0 0.0 1.0 3.0 0.0 2.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0
UMB
1.0 2.0 0.0 1.0 1.0 0.0 0.0 1.0 2.0 0.0 1.0 0.0
0.0 1.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0 1.0 2.0 1.0
1.0 1.0 0.0 9001.0
MEL
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0
0.0 0.0 0.0 1.0 0.0 0.0 0.0 2.0 7.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0
CENT
0.0 0.0 0.0 1.0 0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0
ROS
0.0 1.0 1.0 1.0 1.0 0.0 1.0 0.0 2.0 1.0 2.0 0.0
2.0 0.0 0.0 0.0 2.0 0.0 2.0 0.0 5.0 9.0 10.0 6.0
14.0 9.0 9.0 21.0
POT
0.0 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2.0 4.0 15.0 10.0
5.0 4.0 4.0 3.0
HEL
0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0 1.0 2.0 0.0 0.0
0.0 0.0 1.0 3.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0
RUB
3.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0 0.0 0.0
0.0 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0

MER
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0 9001.0 0.0 1.0
1.0 0.0 0.0 2.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 9001.0 0.0 0.0
CRUC
3.0 0.0 0.0 0.0 1.0 3.0 1.0 0.0 1.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 1.0 1.0
VIC
1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0
SAX
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0
RANE
0.0 0.0 0.0 2.0 0.0 0.0 0.0 1.0 1.0 1.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.0 0.0
8.0 1.0 0.0 0.0
RAN
0.0 2.0 0.0 1.0 1.0 1.0 1.0 0.0 4.0 3.0 3.0 0.0
1.0 6.0 0.0 3.0 1.0 2.0 0.0 2.0 0.0 1.0 0.0 0.0
0.0 0.0 1.0 1.0
CARY
1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0 0.0
0.0 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
2.0 1.0 0.0 1.0
FIL
1.0 1.0 0.0 0.0 1.0 0.0 6.0 5.0 1.0 2.0 1.0 0.0
0.0 1.0 0.0 0.0 0.0 1.0 2.0 1.0 3.0 6.0 0.0 5.0
5.0 2.0 2.0 3.0
SUCC
0.0 0.0 0.0 1.0 1.0 0.0 0.0 0.0 1.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0 2.0 1.0
1.0 6.0 3.0 9.0
MEN
1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0
POTA
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.0
0.0 0.0 0.0 1.0 0.0 2.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 1.0 0.0
FILI
3.0 1.0 3.0 1.0 5.0 4.0 3.0 3.0 7.0 5.0 11.0 3.0
3.0 7.0 15.0 11.0 6.0 6.0 6.0 2.0 8.0 11.0 12.0 11.0
31.0 34.0 10.0 60.0
POLY
1.0 0.0 0.0 0.0 0.0 9001.0 0.0 0.0 0.0 1.0 0.0 9001.0
1.0 9001.0 3.0 1.0 1.0 2.0 2.0 2.0 3.0 1.0 9001.0 3.0
1.0 2.0 3.0 5.0
PTR
4.0 6.0 7.0 11.0 6.0 15.0 26.0 0.0 40.0 36.0 52.0 3.0
11.0 8.0 15.0 17.0 0.0 1.0 0.0 0.0 3.0 0.0 1.0 1.0
0.0 1.0 1.0 1.0
SPH
39.0 30.0 19.0 210.0 13.0 13.0 81.0 50.0 96.0 576.0 305.0 412.0
78.0 70.0 221.0 96.0 64.0 21.0 27.0 40.0 26.0 74.0 104.0 71.0
22.0 30.0 42.0 1.0

MIRE HOLES 1968
PERCENTAGE OF POLLEN SUM

DEPTHS

10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0
130.0	140.0	150.0	160.0	170.0	180.0	185.0	190.0	195.0	200.0	202.0	204.0
206.0	208.0	210.0	220.0								

PERCENTAGES

BET

17.9	22.5	31.5	25.5	42.6	16.2	44.1	51.6	30.1	30.6	46.2	37.3
36.0	35.0	29.8	31.9	25.2	34.8	35.0	14.8	33.0	22.8	31.3	32.2
30.9	40.7	22.6	17.9								

PIN

17.9	25.0	5.2	0.0	1.7	9.3	4.6	0.0	1.5	3.2	2.9	2.2
2.4	0.0	2.8	5.3	0.9	1.7	2.5	4.1	3.0	5.0	3.0	8.0
3.0	2.3	9.4	11.5								

QU

38.4	10.0	57.8	65.9	35.7	69.7	39.5	29.0	49.2	54.8	41.7	39.5
36.8	35.0	33.6	51.0	54.9	45.5	57.9	69.4	60.0	41.5	46.9	42.2
41.2	40.7	40.1	32.0								

ULM

15.3	2.5	0.0	0.0	5.3	0.0	2.3	6.4	7.9	1.6	7.4	5.2
7.3	3.8	9.6	5.3	8.1	9.8	3.1	9.0	3.8	27.1	16.2	16.1
21.8	13.7	24.0	29.4								

TIL

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.9	1.7	1.2	1.6	9001.0	0.8	1.2	9001.0
1.8	9001.0	0.0	1.2								

FA

0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0								

FX

10.2	40.0	5.2	8.5	14.2	2.3	9.3	12.9	11.1	9.6	1.4	15.6
17.2	12.9	14.4	6.3	9.9	6.2	6.3	0.8	0.0	2.5	1.2	1.2
1.2	2.3	3.6	7.6								

ALN

23.0	15.0	21.0	31.9	53.5	32.5	88.3	103.2	66.6	77.4	58.2	50.0
63.9	175.3	112.5	107.4	65.7	92.8	79.6	76.0	123.0	77.9	48.7	57.7
56.3	46.7	48.9	103.8								

SX

5.1	7.5	0.0	10.6	3.5	6.9	2.3	0.0	6.3	3.2	1.4	0.7
1.6	2.5	0.0	0.0	1.8	0.8	0.0	0.0	0.7	0.0	0.6	0.0
1.8	2.3	0.0	0.0								

COR

48.7	35.0	136.8	76.5	151.7	148.8	251.1	203.2	192.0	174.1	225.3	126.8
128.6	267.5	209.6	217.0	209.9	175.0	166.2	133.8	195.3	155.9	127.7	124.2
153.3	113.1	133.5	470.5								

HED

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0								

ACE

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.7	0.0								

TAX

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0								

HIPP

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0								

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0								

ERI

471.7	727.5	1721.0	621.2	369.6	1702.3	523.2	867.7	1090.4	1400.0	986.5	504.4
187.7	459.7	389.4	356.3	120.7	244.6	60.5	81.8	228.4	17.7	8.4	7.4
4.2	2.9	5.6	3.8								

ORA											
405.1	312.5	163.1	34.0	80.3	106.9	113.9	170.9	277.7	211.2	144.7	12.6
28.6	59.7	51.9	50.0	25.2	15.1	119.7	47.1	50.7	178.8	100.0	101.2
90.3	65.8	101.4	293.5								
CER											
2.5	5.0	0.0	4.2	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0								
CYP											
153.8	127.5	410.5	172.3	105.3	79.0	79.0	151.6	169.8	120.9	47.7	17.9
41.8	71.4	30.7	152.1	54.0	33.9	14.6	53.7	64.6	127.9	96.3	88.8
84.8	93.4	111.6	330.7								
RUD											
76.9	82.5	47.3	36.1	23.2	67.4	46.5	58.0	87.3	87.0	43.2	3.7
3.2	10.3	2.8	11.7	9001.0	0.8	1.9	3.3	6.1	5.0	2.4	4.9
4.8	5.3	5.1	9001.0								
ROS											
0.0	2.5	5.2	2.1	1.7	0.0	2.3	0.0	3.1	1.6	2.9	0.0
1.6	0.0	0.0	0.0	1.8	0.0	1.2	0.0	3.8	7.6	6.0	3.7
8.4	5.3	6.5	26.9								
POT											
0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.3	9.0	6.2
3.0	2.3	2.9	3.8								
HEL											
0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	1.5	3.2	0.0	0.0
0.0	0.0	0.9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0								
RUB											
7.6	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0
0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0								
MER											
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	9001.0	0.0	0.7
0.8	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	9001.0	0.0	0.0								
CRUC											
7.6	0.0	0.0	0.0	1.7	6.9	2.3	0.0	1.5	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.7	1.2								
VIC											
2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0								
SAX											
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0								
RANE											
0.0	0.0	0.0	4.2	0.0	0.0	0.0	3.2	1.5	1.6	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0
4.8	0.5	0.0	0.0								
RAN											
0.0	5.0	0.0	2.1	1.7	2.3	2.3	0.0	6.3	4.8	4.4	0.0
0.8	7.7	0.0	3.1	0.9	1.7	0.0	1.6	0.0	0.8	0.0	0.0
0.0	0.0	0.7	1.2								
CARY											
2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0
0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	0.5	0.0	1.2								
FIL											
2.5	2.5	0.0	0.0	1.7	0.0	13.9	16.1	1.5	3.2	1.4	0.0
0.0	1.2	0.0	0.0	0.0	0.8	1.2	0.8	2.3	5.0	0.0	3.1
3.0	1.1	1.4	3.8								
SUCC											
0.0	0.0	0.0	2.1	1.7	0.0	0.0	0.0	1.5	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	3.5	2.1	11.5								
MEN											
2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0								

PCTA
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2.9
0.0 0.0 0.0 1.0 0.0 1.7 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.7 0.0
FILI
7.6 2.5 15.7 2.1 8.9 9.3 6.9 9.6 11.1 8.0 16.4 2.2
2.4 9.0 14.4 11.7 5.4 5.3 3.8 1.6 6.1 9.3 7.2 6.8
18.7 20.3 7.2 76.9
POLY
2.5 0.0 0.0 0.0 0.0 9001.0 0.0 0.0 0.0 1.6 0.0 9001.0
0.8 9001.0 2.8 1.0 0.9 1.7 1.2 1.6 2.3 0.8 9001.0 3.1
0.6 1.1 2.1 6.4
PTR
10.2 15.0 36.8 23.4 10.7 34.8 60.4 0.0 63.4 58.0 77.6 2.2
9.0 10.3 14.4 18.0 0.0 0.8 0.0 0.0 3.8 0.0 0.6 0.6
0.0 0.5 0.7 1.2
SPH
100.0 75.0 100.0 446.8 23.2 30.2 188.3 161.2 152.3 929.0 1350.7 307.4
63.9 90.9 212.5 102.1 57.6 18.7 17.1 33.0 20.0 62.7 62.6 44.0
13.3 17.9 30.6 1.2

MIRE HOLES 1968
PERCENTAGE OF POLLEN SUM

DEPTHS
10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0 100.0 110.0 120.0
130.0 140.0 150.0 160.0 170.0 180.0 185.0 190.0 195.0 200.0 202.0 204.0
206.0 208.0 210.0 220.0

PERCENTAGES
PLA
43.5 40.0 21.0 17.0 8.9 23.2 23.2 32.2 30.1 17.7 29.8 1.4
2.4 5.1 0.9 6.3 0.0 0.0 0.0 0.0 0.7 0.0 0.0 0.0
0.0 0.0 0.0 0.0
PMM
10.2 12.5 10.5 0.0 1.7 20.9 4.6 9.6 19.0 1.6 0.0 0.0
0.8 1.2 0.0 4.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0
RX
7.6 12.5 15.7 10.6 7.1 13.9 9.3 6.4 6.3 1.6 7.4 0.0
0.0 0.0 1.9 0.0 9001.0 0.8 0.0 1.6 0.0 0.8 0.6 0.6
2.4 4.7 5.1 0.0
COT
7.6 7.5 0.0 2.1 1.7 2.3 0.0 3.2 1.5 1.6 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.6 0.6 2.4
0.6 0.0 0.0 0.0
COL
2.5 0.0 0.0 0.0 0.0 2.3 2.3 0.0 1.5 3.2 0.0 1.4
0.0 0.0 0.0 0.0 0.0 9001.0 0.0 0.0 0.0 1.6 0.0 1.2
1.2 0.0 9001.0 0.0
ART
5.1 2.5 0.0 0.0 0.0 2.3 6.9 0.0 1.5 3.2 1.4 0.7
0.0 2.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0
CHE
0.0 2.5 0.0 2.1 0.0 2.3 0.0 3.2 4.7 0.0 2.9 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0
UMB
2.5 5.0 0.0 2.1 1.7 0.0 0.0 3.2 3.1 0.0 1.4 0.0
0.0 1.2 0.0 0.0 0.0 0.0 0.6 0.0 0.0 0.8 1.2 0.6
0.6 0.5 0.0 9001.0
MEL
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.6 0.0 0.0
0.0 0.0 0.0 1.0 0.0 0.0 0.0 1.5 0.3 0.0 0.0 0.0

CENT

0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0								

MIRE HOLES 1968
PERCENTAGE OF TOTAL POLLEN

DEPTHS

10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0
130.0	140.0	150.0	160.0	170.0	180.0	185.0	190.0	195.0	200.0	202.0	204.0
206.0	208.0	210.0	220.0								

PERCENTAGES

BET

1.3	1.5	1.2	2.3	4.7	0.7	3.7	3.0	1.5	1.4	2.8	4.5
6.4	3.0	3.3	3.1	4.3	5.2	6.4	2.9	4.2	3.3	6.2	6.4
5.9	9.1	4.3	1.3								

PIN

1.3	1.7	0.2	0.0	0.1	0.4	0.3	0.0	0.0	0.1	0.1	0.2
0.4	0.0	0.3	0.5	0.1	0.2	0.4	0.8	0.3	0.7	0.5	1.6
0.5	0.5	1.8	0.8								

QU

2.9	0.7	2.2	6.0	3.9	3.0	3.3	1.7	2.4	2.5	2.5	4.8
6.5	3.0	3.7	5.0	9.4	6.8	10.6	13.9	7.7	6.1	9.3	8.4
7.9	9.1	7.7	2.3								

ULM

1.1	0.1	0.0	0.0	0.5	0.0	0.1	0.3	0.3	0.0	0.4	0.6
1.3	0.3	1.0	0.5	1.3	1.4	0.5	1.8	0.4	3.9	3.2	3.2
4.2	3.1	4.6	2.1								

TIL

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	9001.0	0.1	0.2	9001.0
0.3	9001.0	0.0	0.0								

FA

0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0								

FX

0.7	2.8	0.2	0.7	1.5	0.1	0.7	0.7	0.5	0.4	0.0	1.9
3.0	1.1	1.6	0.6	1.7	0.9	1.1	0.1	0.0	0.3	0.2	0.2
0.2	0.5	0.7	0.5								

ALN

1.7	1.0	0.8	2.9	5.9	1.4	7.4	6.1	3.3	3.5	3.6	6.0
11.4	15.1	12.6	10.6	11.3	13.9	14.6	15.2	15.8	11.4	9.7	11.5
10.9	10.5	9.3	7.6								

SX

0.3	0.5	0.0	0.9	0.3	0.3	0.1	0.0	0.3	0.1	0.0	0.0
0.2	0.2	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.1	0.0
0.3	0.5	0.0	0.0								

COR

3.7	2.4	5.2	6.9	16.9	6.5	21.0	12.1	9.6	4.0	11.9	1.4
22.9	23.1	23.5	21.5	38.1	26.2	30.5	26.8	35.1	21.9	25.3	29.7
29.6	25.5	25.6	34.7								

HED

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0								

ACE

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.1	0.0								

TAX

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0								

HIP

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0								

ERI

35.9	51.1	65.9	56.5	41.2	75.3	43.8	51.7	54.7	64.6	61.0	61.3
33.5	39.8	43.6	35.4	20.8	36.6	11.1	16.4	29.4	2.6	1.6	1.4
0.8	0.6	0.7	0.2								

GRA

30.8	21.9	6.2	3.1	8.9	4.7	9.5	10.1	13.9	9.7	8.9	1.5
5.1	5.1	5.8	4.9	4.3	2.2	21.9	9.4	6.5	26.2	19.8	20.2
17.4	14.8	19.4	21.7								

CER

0.1	0.3	0.0	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0								

CYP

11.7	8.9	15.7	15.6	11.7	3.5	6.6	9.0	8.5	5.5	2.9	2.1
7.4	6.1	3.4	15.1	9.3	5.0	2.6	10.7	8.3	18.8	19.1	17.8
16.4	21.0	21.4	24.4								

RUD

5.8	5.7	1.8	3.2	2.5	2.9	3.8	3.4	4.3	4.0	2.6	0.4
0.5	0.8	0.3	1.1	9001.0	0.1	0.3	0.6	0.7	0.7	0.4	0.9
0.9	1.2	0.9	9001.0								

ROS

0.0	0.1	0.2	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0
0.2	0.0	0.0	0.0	0.3	0.0	0.2	0.0	0.4	1.1	1.1	0.7
1.6	1.2	1.2	1.9								

POT

0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	1.7	1.2
0.5	0.5	0.5	0.2								

HEL

0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0
0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0								

RUB

0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0								

MER

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9001.0	0.0	0.0
0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	9001.0	0.0	0.0								

CRUC

0.5	0.0	0.0	0.0	0.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.1	0.0								

VIC

0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0								

SAX

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0								

RANE

0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0
0.0	0.1	0.0	0.0								

CARY

0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
0.2	0.1	0.0	0.0								

FIL

0.1	0.1	0.0	0.0	0.1	0.0	1.1	0.9	0.0	0.1	0.0	0.0
0.0	0.1	0.0	0.0	0.0	0.1	0.2	0.1	0.2	0.7	0.0	0.6
0.5	0.2	0.2	0.2								

SUCC

0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1
0.1	0.8	0.4	0.8								

MEN

0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0								

POTA

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.1	0.0								

FILI

0.5	0.1	0.6	0.1	0.9	0.4	0.5	0.5	0.5	0.3	1.0	0.2
0.4	0.7	1.6	1.1	0.9	0.8	0.7	0.3	0.7	1.3	1.4	1.3
3.6	4.5	1.4	5.6								

POLY

0.1	0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0	0.0	9001.0
0.1	9001.0	0.3	0.1	0.1	0.2	0.2	0.3	0.2	0.1	9001.0	0.6
0.1	0.2	0.4	0.4								

PTR

0.7	1.0	1.4	2.1	1.1	1.5	5.0	0.0	3.1	2.6	4.8	0.2
1.6	0.8	1.6	1.7	0.0	0.1	0.0	0.0	0.4	0.0	0.1	0.1
0.0	0.1	0.1	0.0								

SPH

7.6	5.2	3.8	40.6	2.5	1.3	15.7	9.6	7.6	42.8	83.5	37.4
11.4	7.8	23.8	10.1	9.9	2.8	3.1	6.6	2.5	9.2	12.4	8.8
2.5	4.0	5.8	0.0								

APO

9.3	8.2	4.6	12.0	17.1	5.8	15.7	12.1	8.3	8.1	9.7	18.2
29.2	23.8	22.6	20.6	28.5	28.8	32.9	35.3	28.7	26.1	29.5	31.6
30.2	33.0	28.6	15.0								

SPO

4.1	2.9	5.2	7.9	17.3	6.9	21.2	12.1	9.9	8.1	14.0	15.7
23.2	23.1	23.5	21.5	36.4	26.4	30.5	26.8	25.2	22.9	25.5	24.9
30.0	26.0	25.8	34.7								

NAP

86.5	88.9	90.1	80.0	65.5	87.2	62.9	75.7	81.7	83.6	76.1	66.0
47.4	52.9	53.8	57.8	34.9	44.6	36.4	37.8	46.0	50.9	44.9	43.4
39.7	40.8	45.5	50.1								

MICKLE FELL 1968
POLLEN GRAINS COUNTED

DEPTHS											
	0.0	5.0	10.0	15.0	20.0	25.0	30.0	40.0	50.0	60.0	70.0	75.0
	80.0	85.0	90.0									
COUNT												
BET												
	26.0	17.0	40.0	41.0	43.0	19.0	66.0	65.0	67.0	45.0	53.0	26.0
	35.0	44.0	46.0									
PIN												
	9.0	13.0	2.0	1.0	2.0	0.0	12.0	15.0	5.0	2.0	1.0	5.0
	3.0	1.0	3.0									
QU												
	26.0	17.0	52.0	60.0	39.0	24.0	59.0	57.0	36.0	56.0	78.0	79.0
	61.0	61.0	57.0									
ULM												
	15.0	7.0	4.0	3.0	6.0	5.0	22.0	21.0	8.0	6.0	20.0	19.0
	39.0	32.0	26.0									
TIL												
	0.0	0.0	1.0	1.0	0.0	0.0	9001.0	9001.0	0.0	4.0	4.0	1.0
	3.0	3.0	2.0									
FA												
	2.0	0.0	3.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0									
FX												
	8.0	4.0	9.0	1.0	3.0	2.0	1.0	1.0	5.0	9.0	6.0	2.0
	4.0	1.0	5.0									
ALN												
	32.0	20.0	21.0	27.0	22.0	8.0	124.0	78.0	82.0	110.0	130.0	113.0
	97.0	82.0	106.0									
SX												
	2.0	1.0	0.0	6.0	2.0	1.0	2.0	0.0	1.0	2.0	1.0	1.0
	0.0	0.0	1.0									
COR												
	66.0	37.0	40.0	63.0	116.0	46.0	434.0	305.0	159.0	160.0	240.0	231.0
	187.0	186.0	202.0									
ACE												
	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0									
IL												
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
	0.0	0.0	0.0									
ERI												
	54.0	50.0	92.0	120.0	136.0	55.0	134.0	82.0	219.0	179.0	145.0	121.0
	69.0	91.0	124.0									
GRA												
	241.0	238.0	155.0	55.0	126.0	302.0	124.0	133.0	98.0	50.0	45.0	19.0
	27.0	26.0	21.0									
CER												
	3.0	4.0	5.0	0.0	3.0	4.0	0.0	1.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0									
CYP												
	41.0	38.0	98.0	31.0	58.0	71.0	69.0	77.0	91.0	86.0	84.0	43.0
	38.0	24.0	50.0									
RUD												
	29.0	51.0	49.0	45.0	51.0	38.0	8.0	14.0	23.0	7.0	7.0	7.0
	1.0	1.0	5.0									
PLA												
	10.0	34.0	24.0	26.0	27.0	19.0	1.0	1.0	9.0	4.0	5.0	4.0
	0.0	0.0	4.0									
PMM												
	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
	0.0	0.0	0.0									
RX												
	14.0	3.0	14.0	9.0	12.0	13.0	3.0	4.0	4.0	0.0	1.0	4.0
	1.0	0.0	1.0									
CYT												
	1.0	0.0	0.0	0.0	1.0	0.0	2.0	1.0	0.0	0.0	0.0	0.0

```
COL
   0.0     0.0     2.0     0.0  9001.0     1.0     0.0     0.0     1.0     1.0     0.0     0.0
   0.0     0.0     0.0
ART
   0.0     0.0     2.0     2.0  9001.0     1.0     0.0     0.0     4.0     0.0     1.0     1.0
   0.0     0.0     0.0
CHE
   2.0     0.0     0.0     2.0     1.0     1.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0
UMB
   2.0     0.0     1.0     0.0     1.0     0.0     2.0     4.0     2.0     0.0  9001.0     4.0
9001.0     1.0     0.0
MEL
   0.0     0.0     1.0     0.0     0.0     0.0     0.0     1.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0
ROS
   1.0     4.0     2.0     0.0     1.0     0.0     7.0     9.0     0.0     2.0     1.0     0.0
   2.0     1.0     1.0
POT
   2.0     0.0     0.0     0.0     0.0     0.0     2.0     1.0     0.0     0.0     0.0     0.0
   4.0     1.0     0.0
RUB
   1.0    19.0     1.0     0.0     0.0     0.0     0.0     0.0     1.0     0.0     0.0     0.0
   0.0     0.0     0.0
MER
   0.0     1.0     0.0     0.0     1.0     0.0     1.0     0.0     1.0     0.0     0.0     0.0
9001.0  9001.0     2.0
CRUC
   1.0     3.0     6.0     0.0     5.0     0.0     0.0     1.0     0.0     1.0     0.0     0.0
   0.0     0.0     0.0
VIC
   0.0     0.0     0.0     1.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0  9001.0     0.0
RCH
   0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     2.0     0.0     0.0     0.0
   0.0     0.0     0.0
SPER
   0.0     0.0     0.0     0.0     0.0     1.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0
RANE
   2.0     3.0     3.0     0.0     0.0     1.0     0.0  9001.0     0.0     0.0     2.0     0.0
   1.0  9001.0     0.0
RAN
   4.0     1.0     2.0     1.0     1.0     0.0     0.0     1.0     0.0     0.0     0.0     1.0
   0.0     0.0     1.0
CARY
   0.0     2.0     0.0     0.0     0.0     0.0     0.0     1.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0
FIL
   2.0     5.0     4.0     0.0     2.0     4.0    13.0    13.0     2.0     4.0     4.0     3.0
   0.0     4.0     3.0
SUCC
   0.0     0.0     0.0     0.0     0.0     0.0  9001.0     2.0     1.0     0.0     0.0     0.0
   1.0     0.0     0.0
POTA
   1.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0
FILI
   1.0     6.0     8.0     3.0     8.0     6.0    15.0    11.0    11.0     8.0     7.0    12.0
  13.0    13.0    15.0
POLY
   0.0     0.0     1.0     3.0     0.0     0.0  9001.0     0.0  9001.0  9001.0     1.0     0.0
9001.0     3.0     4.0
PTR
  13.0    14.0    20.0    40.0    14.0    12.0     4.0     7.0    14.0     3.0     5.0     2.0
   1.0     0.0    10.0
SEL
   0.0     0.0     0.0     1.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0     0.0
   0.0     0.0     0.0
SPH
  20.0    33.0   214.0    34.0    16.0    43.0    89.0    52.0   100.0   212.0   117.0   100.0
 738.0   234.0   180.0
```

MICKLE FELL 1968
PERCENTAGE OF POLLEN SUM

DEPTHS											
0.0	5.0	10.0	15.0	20.0	25.0	30.0	40.0	50.0	60.0	70.0	75.0
80.0	85.0	90.0									
PERCENTAGES											
BET											
30.2	29.3	39.6	37.9	46.2	38.0	41.9	40.8	61.7	36.8	32.7	18.3
24.1	30.9	33.0									
PIN											
10.4	22.4	1.9	0.9	2.1	0.0	7.4	9.4	3.5	1.6	0.6	3.5
2.0	0.7	2.1									
QU											
30.2	29.3	51.4	55.5	41.9	48.0	36.4	35.8	25.5	45.9	48.1	55.6
42.0	42.9	41.0									
ULM											
17.4	12.0	3.9	2.7	6.4	10.0	13.5	13.2	5.6	4.9	12.3	13.3
26.8	22.5	18.7									
TIL											
0.0	0.0	0.9	0.9	0.0	0.0	9001.0	9001.0	0.0	3.2	2.4	0.7
2.0	2.1	1.4									
FA											
2.3	0.0	2.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0									
FX											
9.3	6.8	8.9	0.9	3.2	4.0	0.6	0.6	3.5	7.3	3.7	1.4
2.7	0.7	3.5									
ALN											
37.2	34.4	20.7	25.0	23.6	16.0	76.5	49.0	58.1	90.1	83.3	79.5
66.8	57.7	76.2									
SX											
2.3	1.7	0.0	5.5	2.1	2.0	1.2	0.0	0.7	1.6	0.6	0.7
0.0	0.0	0.7									
COR											
76.7	63.7	39.6	58.3	124.7	92.0	267.9	191.8	112.7	131.1	148.1	162.6
128.9	130.9	145.3									
ACE											
0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0									
IL											
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0
0.0	0.0	0.0									
ERI											
62.7	86.2	91.0	111.1	146.2	110.0	82.7	51.5	155.3	146.7	89.5	85.2
47.5	64.0	89.2									
GRA											
280.2	410.3	153.4	50.9	135.4	604.0	76.5	83.6	69.5	40.9	27.7	13.3
18.6	18.3	15.1									
CER											
3.4	6.8	4.9	0.0	3.2	8.0	0.0	0.6	0.0	0.0	0.0	0.0
0.0	0.0	0.0									
CYP											
47.6	65.5	97.0	28.7	62.3	142.0	40.1	48.4	64.5	70.4	39.5	30.2
26.2	16.9	35.9									
RUD											
33.7	87.9	48.5	41.6	54.8	76.0	4.9	8.8	16.3	5.7	4.3	6.3
0.6	0.7	3.5									
ROS											
1.1	6.8	1.9	0.0	1.0	0.0	4.3	5.6	0.0	1.6	0.6	0.0
1.3	0.7	0.7									
POT											
2.3	0.0	0.0	0.0	0.0	0.0	1.2	0.6	0.0	0.0	0.0	0.0
2.7	0.7	0.0									

RUB
1.1 32.7 0.9 0.0 0.0 0.0 0.0 0.0 0.7 0.0 0.0 0.0
0.0 0.0 0.0
MER
0.0 1.7 0.0 0.0 1.0 0.0 0.6 0.0 0.7 0.0 0.0 0.0
9001.0 9001.0 1.4
CRUC
1.1 5.1 5.9 0.0 5.3 0.0 0.0 0.6 0.0 0.8 0.0 0.0
0.0 0.0 0.0
VIC
0.0 0.0 0.0 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 9001.0 0.0
RCH
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.4 0.0 0.0 0.0
0.0 0.0 0.0
SPER
0.0 0.0 0.0 0.0 0.0 2.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0
RANE
2.3 5.1 2.9 0.0 0.0 2.0 0.0 9001.0 0.0 0.0 1.2 0.0
0.6 9001.0 0.0
RAN
4.6 1.7 1.9 0.9 1.0 0.0 0.0 0.6 0.0 0.0 0.0 0.7
0.0 0.0 0.7
CARY
0.0 3.4 0.0 0.0 0.0 0.0 0.0 0.6 0.0 0.0 0.0 0.0
0.0 0.0 0.0
FIL
2.3 8.6 3.9 0.0 2.1 8.0 8.0 8.1 1.4 3.2 2.4 2.1
0.0 2.8 2.1
SUCC
0.0 0.0 0.0 0.0 0.0 0.0 9001.0 1.2 0.7 0.0 0.0 0.0
0.6 0.0 0.0
POTA
1.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0
FILI
1.1 10.3 7.9 2.7 8.6 10.0 9.2 6.9 7.8 4.9 4.3 12.6
6.8 9.1 10.7
POLY
0.0 0.0 0.9 0.0 0.0 0.0 9001.0 2.5 9001.0 9001.0 0.6 0.0
9001.0 1.4 2.1
PTR
15.1 24.1 35.6 37.0 15.0 24.0 2.4 4.4 9.9 2.4 3.0 1.4
0.6 0.0 7.1
SEL
0.0 0.0 0.0 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0
SPH
23.2 56.8 211.8 31.4 17.2 86.0 54.9 32.7 70.9 173.7 72.2 70.4
508.9 164.7 129.4

ICKLE HELL 1968
PERCENTAGE OF POLLEN SUM

DEPTHS
0.0 5.0 10.0 15.0 20.0 25.0 30.0 40.0 50.0 60.0 70.0 75.0
80.0 85.0 90.0

PERCENTAGES
PLA
11.6 56.6 23.7 24.0 29.0 38.0 0.6 0.6 6.3 3.2 1.8 2.8
0.0 0.0 2.6
PMM
1.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.8 0.0 0.0
0.0 0.0 0.0
RX
16.2 5.1 13.8 8.3 12.9 25.0 1.8 2.8 2.8 0.0 0.8 0.0
0.6 0.0 0.7

0.0	0.0	4.9	5.5	10.7	6.9	1.2	0.6	2.1	0.0	1.2	0.0
0.0	9001.0	0.5									
COL											
0.0	0.0	1.9	0.0	9001.0	2.4	0.0	0.0	0.7	0.8	0.0	0.0
0.0	0.0	0.0									
ART											
0.0	0.0	1.7	1.8	9001.0	2.3	3.0	0.0	2.5	0.0	0.6	0.7
0.0	0.0	0.5									
CHE											
2.3	0.0	0.0	1.8	1.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0									
UMB											
2.3	0.0	0.9	0.0	1.0	0.0	1.2	2.9	1.4	0.0	9001.0	2.8
9001.0	0.7	0.0									
MEL											
0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0
0.0	0.0	0.0									

NICKLE TELL 1968
PERCENTAGE OF TOTAL POLLEN

DEPTHS											
0.0	5.0	10.0	15.0	20.0	25.0	30.0	40.0	50.0	60.0	70.0	75.0
80.0	85.0	90.0									
PERCENTAGES											
BET											
4.5	3.1	6.7	9.1	6.9	3.2	6.3	7.4	10.4	6.2	6.5	3.9
6.1	7.8	7.0									
PIN											
1.5	2.4	0.3	0.2	0.3	0.0	1.1	1.7	0.6	0.2	1.1	0.7
0.5	0.1	0.4									
QU											
4.5	3.1	6.7	13.3	6.3	4.1	5.4	6.5	4.3	7.7	9.6	11.9
10.6	10.9	6.7									
ULM											
2.6	1.3	0.6	0.6	0.9	0.8	2.0	2.4	0.9	0.8	2.4	2.2
0.8	5.7	3.9									
TIL											
0.0	0.0	0.1	0.2	0.0	0.0	9001.0	9001.0	0.0	0.5	0.4	0.1
0.5	0.5	0.3									
FA											
0.1	0.0	0.5	0.7	0.1	0.0	0.0	0.1	0.1	0.0	0.2	0.1
0.0	0.0	0.0									
FX											
1.4	0.7	1.3	0.2	0.4	0.3	0.0	0.1	0.5	1.2	0.7	0.5
0.6	0.1	0.7									
ALN											
5.6	3.7	3.5	6.0	3.5	1.3	11.5	8.9	9.8	15.2	14.7	17.0
16.9	14.6	16.1									
SX											
0.3	0.1	0.0	1.3	0.3	0.1	0.1	0.0	0.1	0.2	0.1	0.1
0.0	0.0	0.1									
COR											
11.0	6.9	6.7	14.0	18.5	7.9	40.3	34.3	19.1	37.1	27.7	34.0
32.6	33.2	30.8									
ACE											
0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0									
IL											
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
0.0	0.0	0.0									
ERI											
9.3	9.3	15.5	26.6	22.0	9.4	12.4	19.3	20.3	24.7	17.9	16.2
12.0	16.2	18.9									
GRA											
42.4	44.4	26.2	12.2	20.4	32.0	11.3	15.1	11.7	8.9	1.3	2.1
4.7	4.6	3.2									

BLACK BAND 1968
POLLEN GRAINS COUNTED

DEPTHS	35.0	40.0	45.0	50.0	55.0	60.0
COUNT						
BET	84.0	47.0	54.0	52.0	49.0	32.0
PIN	1.0	3.0	5.0	3.0	4.0	2.0
QU	49.0	50.0	49.0	51.0	53.0	73.0
ULM	16.0	12.0	14.0	7.0	5.0	6.0
TIL	1.0	9001.0	0.0	1.0	0.0	9001.0
FA	1.0	0.0	0.0	0.0	0.0	0.0
FX	16.0	8.0	6.0	9.0	15.0	14.0
ALN	77.0	120.0	77.0	125.0	86.0	135.0
SX	1.0	1.0	3.0	3.0	3.0	2.0
COR	99.0	197.0	182.0	233.0	161.0	184.0
HED	0.0	9001.0	0.0	0.0	0.0	0.0
CALL	262.0	356.0	338.0	360.0	238.0	209.0
ERI	4.0	12.0	9.0	6.0	3.0	2.0
GRA	18.0	56.0	38.0	31.0	52.0	28.0
CYP	51.0	37.0	38.0	31.0	52.0	28.0
RUD	3.0	19.0	11.0	14.0	11.0	4.0
PLA	2.0	16.0	6.0	11.0	8.0	3.0
PMM	0.0	0.0	0.0	1.0	0.0	0.0
RX	0.0	0.0	2.0	1.0	0.0	0.0
COT	0.0	0.0	0.0	0.0	1.0	0.0
COL	0.0	1.0	0.0	0.0	0.0	0.0
ART	0.0	1.0	1.0	1.0	2.0	1.0
UMB	1.0	0.0	1.0	0.0	0.0	0.0
CHE	0.0	1.0	1.0	1.0	0.0	0.0
ROS	9001.0	1.0	0.0	1.0	1.0	3.0
MER	1.0	9001.0	2.0	0.0	0.0	0.0
CRUC	0.0	2.0	0.0	0.0	0.0	0.0
RAN	1.0	9001.0	1.0	2.0	1.0	0.0
FIL	3.0	2.0	2.0	3.0	4.0	3.0
SUCC	0.0	1.0	0.0	0.0	0.0	0.0
SPA	0.0	0.0	1.0	0.0	0.0	0.0
FILI	3.0	7.0	8.0	10.0	5.0	4.0

POLY					
0.0	0.0	9001.0	1.0	9001.0	9001.0
PTR					
0.0	22.0	11.0	13.0	8.0	8.0
SPH					
1033.0	403.0	358.0	218.0	1541.0	760.0

BLACK BAND 1968
PERCENTAGE OF POLLEN SUM

DEPTHS					
35.0	40.0	45.0	50.0	55.0	60.0
PERCENTAGES					
BET					
50.0	39.1	42.1	42.2	39.2	25.1
PIN					
0.5	2.5	3.9	2.4	3.2	1.5
QU					
29.1	41.6	38.2	41.4	42.4	57.4
ULM					
9.5	10.0	10.9	5.6	4.0	4.7
TIL					
0.5	9001.0	0.0	0.8	0.0	9001.0
FA					
0.5	0.0	0.0	0.0	0.0	0.0
FX					
9.5	6.6	4.6	7.3	12.0	11.0
ALN					
45.8	100.0	60.1	101.6	68.8	106.2
SX					
0.5	0.8	2.3	2.4	2.4	1.5
COR					
58.9	164.1	142.1	189.4	128.8	144.8
HED					
0.0	9001.0	0.0	0.0	0.0	0.0
CALL					
155.9	296.6	264.0	292.6	190.4	164.5
ERI					
2.3	10.0	7.0	4.8	2.4	1.5
GRA					
10.7	46.6	29.6	25.2	41.6	22.0
CYP					
30.3	30.8	29.6	25.2	41.6	22.0
RUD					
1.7	15.8	8.5	11.3	8.8	3.1
ROS					
9001.0	0.8	0.0	0.8	0.8	2.3
MER					
0.5	9001.0	1.5	0.0	0.0	0.0
CRUC					
0.0	1.6	0.0	0.0	0.0	0.0
RAN					
0.5	9001.0	0.7	1.6	0.8	0.0
FIL					
1.7	1.6	1.5	2.4	3.2	2.3
SUCC					
0.0	0.8	0.0	0.0	0.0	0.0
SPA					
0.0	0.0	0.7	0.0	0.0	0.0
FILI					
1.7	5.8	6.2	8.1	4.0	3.1
POLY					
0.0	0.0	9001.0	0.8	9001.0	9001.0
PTR					
0.0	18.3	8.5	10.5	6.4	6.2
SPH					
614.8	335.8	279.6	177.2	1232.8	598.4

BLACK BAND 1968
PERCENTAGE OF POLLEN SUM

DEPTHS	35.0	40.0	45.0	50.0	55.0	60.0
PERCENTAGES						
PLA	1.1	13.3	4.6	8.9	6.4	2.3
PMM	0.0	0.0	0.0	0.8	0.0	0.0
RX	0.0	0.0	1.5	0.8	0.0	0.0
COT	0.0	0.0	0.0	0.0	0.8	0.0
COL	0.0	0.8	0.0	0.0	0.0	0.0
ART	0.0	0.8	0.7	0.8	1.6	0.7
UMB	0.5	0.0	0.7	0.0	0.0	0.0
CHE	0.0	0.8	0.7	0.8	0.0	0.0

BLACK BAND 1968
PERCENTAGE OF TOTAL POLLEN

DEPTHS	35.0	40.0	45.0	50.0	55.0	60.0
PERCENTAGES						
BET	12.3	5.0	6.5	5.5	6.4	4.3
PIN	0.1	0.3	0.6	0.3	0.5	0.2
QU	7.2	5.4	5.9	5.4	7.0	9.9
ULM	2.3	1.2	1.6	0.7	0.6	0.8
TIL	0.1	9001.0	0.0	0.1	0.0	9001.0
FA	0.1	0.0	0.0	0.0	0.0	0.0
FX	2.3	0.8	0.7	0.9	1.9	1.9
ALN	11.3	12.9	9.2	13.2	11.3	18.4
SX	0.1	0.1	0.3	0.3	0.3	0.2
COR	14.5	21.2	21.9	24.7	21.3	25.1
HED	0.0	9001.0	0.0	0.0	0.0	0.0
CALL	38.5	38.4	40.7	38.2	31.5	28.5
ERI	0.5	1.2	1.0	0.6	0.3	0.2
GRA	2.6	6.0	4.5	3.2	6.8	3.8
CYP	7.5	4.0	4.5	3.2	6.8	3.8
RUD	0.4	2.0	1.3	1.4	1.4	0.5

ROS					
9001.0	0.1	0.0	0.1	0.1	0.4
MFR					
0.1	9001.0	0.2	0.0	0.0	0.0
CRUC					
0.0	0.2	0.0	0.0	0.0	0.0
RAN					
0.1	9001.0	0.1	0.2	0.1	0.0
FIL					
0.4	0.2	0.2	0.3	0.5	0.4
SUCC					
0.0	0.1	0.0	0.0	0.0	0.0
SPA					
0.0	0.0	0.1	0.0	0.0	0.0
FILI					
0.4	0.7	0.9	1.0	0.6	0.5
POLY					
0.0	0.0	9001.0	0.1	9001.0	9001.0
PTR					
0.0	2.3	1.3	1.3	1.0	1.0
APO					
36.0	25.9	24.6	26.3	28.0	35.7
SPO					
14.7	21.4	22.2	25.1	21.7	25.4
NAP					
50.5	52.7	53.0	48.5	50.1	38.7

GREENMINES 1968
POLLEN GRAINS COUNTED

DEPTHS	45.0	50.0	55.0	60.0	65.0	70.0
COUNT						
BET	48.0	37.0	35.0	21.0	9.0	4.0
PIN	9001.0	1.0	3.0	4.0	2.0	8.0
QU	60.0	61.0	78.0	49.0	26.0	14.0
ULM	10.0	2.0	1.0	6.0	1.0	3.0
TIL	0.0	0.0	1.0	1.0	9001.0	1.0
FX	12.0	5.0	5.0	8.0	3.0	2.0
ALN	90.0	116.0	82.0	122.0	100.0	108.0
SX	1.0	4.0	6.0	3.0	6.0	0.0
COR	133.0	145.0	156.0	229.0	255.0	265.0
HED	0.0	2.0	2.0	1.0	0.0	0.0
ACE	0.0	1.0	1.0	0.0	0.0	0.0
ERIC	403.0	331.0	493.0	234.0	352.0	123.0
GRA	149.0	100.0	246.0	261.0	406.0	457.0
CYP	184.0	64.0	70.0	95.0	65.0	95.0
RUD	6.0	28.0	37.0	9.0	20.0	3.0
PLA	1.0	13.0	25.0	3.0	0.0	1.0
PAM	1.0	1.0	2.0	0.0	0.0	0.0
MEL	0.0	1.0	0.0	0.0	0.0	0.0
CCT	0.0	0.0	0.0	0.0	0.0	0.0
CCL	9001.0	0.0	0.0	1.0	0.0	0.0
ART	1.0	2.0	0.0	1.0	1.0	1.0
UMB	1.0	0.0	1.0	2.0	7.0	0.0
RCS	8.0	5.0	15.0	8.0	7.0	0.0
PCT	0.0	4.0	5.0	1.0	1.0	0.0
MER	2.0	0.0	0.0	2.0	0.0	0.0
CRUC	0.0	0.0	1.0	1.0	1.0	0.0
ONOB	0.0	0.0	1.0	1.0	0.0	0.0
RANE	1.0	0.0	2.0	1.0	1.0	3.0
RAN	1.0	2.0	3.0	0.0	10.0	6.0
LYS	0.0	0.0	1.0	0.0	0.0	0.0
CARY	1.0	0.0	0.0	0.0	9001.0	2.0
FIL	2.0	3.0	9.0	11.0	6.0	0.0

SUCC					
0.0	9001.0	1.0	0.0	9001.0	4.0
SPA					
0.0	0.0	0.0	0.0	3.0	0.0
FILI					
2.0	9.0	11.0	24.0	10.0	35.0
PCLY					
1.0	0.0	0.0	1.0	1.0	6.0
PTR					
1.0	24.0	36.0	3.0	6.0	2.0
SPH					
15.0	4.0	13.0	60.0	86.0	92.0

GREENMINES 1968
PERCENTAGE OF POLLEN SUM

DEPTHS					
45.0	50.0	55.0	60.0	65.0	70.0
PERCENTAGES					
BET					
34.2	34.9	28.4	23.5	21.9	12.5
PIN					
9001.0	0.9	2.4	4.4	4.8	25.0
QU					
42.8	57.5	63.4	55.0	63.4	43.7
ULM					
7.1	1.8	0.8	6.7	2.4	9.3
TIL					
0.0	0.0	0.8	1.1	9001.0	3.1
FX					
8.5	4.7	4.0	8.9	7.3	6.2
ALN					
64.2	109.4	66.6	137.0	243.9	337.5
SX					
0.7	3.7	4.8	3.3	14.6	0.0
COR					
95.0	136.7	126.8	257.3	621.9	828.1
HED					
0.0	1.8	1.6	1.1	0.0	0.0
ACE					
0.0	0.9	0.8	0.0	0.0	0.0
ERIC					
287.8	312.2	400.8	262.9	858.5	384.3
GRA					
106.4	94.3	200.0	293.2	990.2	1428.1
CYP					
131.4	60.3	56.9	106.7	158.5	296.8
RUD					
4.2	26.4	30.0	10.1	48.7	9.3
ROS					
5.7	4.7	12.1	8.9	17.0	0.0
POT					
0.0	3.7	4.0	1.1	2.4	0.0
MER					
1.4	0.0	0.0	2.2	0.0	0.0
CRUC					
0.0	0.0	0.8	1.1	2.4	0.0
ONOB					
0.0	0.0	0.8	1.1	0.0	0.0
RANE					
0.7	0.0	1.6	1.1	2.4	9.3

RAN					
0.7	1.8	2.4	0.0	24.3	18.7
LYS					
0.0	0.0	0.8	0.0	0.0	0.0
CARY					
0.7	0.0	0.0	0.0	9001.0	6.2
FIL					
1.4	2.8	7.3	12.3	14.6	0.0
SUCC					
0.0	9001.0	0.8	0.0	9001.0	12.5
SPA					
0.0	0.0	0.0	0.0	7.3	0.0
FILI					
1.4	8.4	8.9	26.9	24.3	109.3
POLY					
0.7	0.0	0.0	1.1	2.4	18.7
PTR					
0.7	22.6	29.2	3.3	14.6	6.2
SPH					
10.7	3.7	10.5	67.4	209.7	287.5

GREENMINES 1968
PERCENTAGE OF POLLEN SUM

DEPTHS					
45.0	50.0	55.0	60.0	65.0	70.0
PERCENTAGES					
PLA					
0.7	12.2	20.3	3.3	0.0	3.1
PMM					
0.7	0.9	1.6	0.0	0.0	0.0
MEL					
0.0	0.9	0.0	0.0	0.0	0.0
CCT					
0.0	0.0	0.0	0.0	0.0	0.0
CCL					
9001.0	0.0	0.0	1.1	0.0	0.0
ART					
0.7	1.8	0.0	1.1	2.4	3.1
UMB					
0.7	0.0	0.8	2.2	17.0	0.0

GREENMINES 1968
PERCENTAGE OF TOTAL POLLEN

DEPTHS					
45.0	50.0	55.0	60.0	65.0	70.0
PERCENTAGES					
BET					
4.2	4.0	2.4	1.9	0.7	0.3
PIN					
9001.0	0.1	0.2	0.3	0.1	0.7
QU					
5.3	6.6	5.3	4.5	2.0	1.2
ULM					
0.8	0.2	0.0	0.5	0.0	0.2
TIL					
0.0	0.0	0.0	0.0	9001.0	0.0
FX					
1.0	0.5	0.3	0.7	0.2	0.1
ALN					
8.0	12.7	5.6	11.4	7.8	9.8

SX					
0.0	0.4	0.4	0.2	0.4	0.0
COR					
11.8	15.9	10.7	21.4	20.0	24.1
HED					
0.0	0.2	0.1	0.0	0.0	0.0
ACE					
0.0	0.1	0.0	0.0	0.0	0.0
ERIC					
35.9	36.3	34.0	21.9	27.6	11.2
GRA					
13.2	10.9	16.9	24.4	31.9	41.6
CYP					
16.4	7.0	4.8	8.8	5.1	8.6
RUD					
0.5	3.0	2.5	0.8	1.5	0.2
ROS					
0.7	0.5	1.0	0.7	0.5	0.0
POT					
0.0	0.4	0.3	0.0	0.0	0.0
MER					
0.1	0.0	0.0	0.1	0.0	0.0
CRUC					
0.0	0.0	0.0	0.0	0.0	0.0
ONOB					
0.0	0.0	0.0	0.0	0.0	0.0
RANE					
0.0	0.0	0.1	0.0	0.0	0.2
RAN					
0.0	0.2	0.2	0.0	0.7	0.5
LYS					
0.0	0.0	0.0	0.0	0.0	0.0
CARY					
0.0	0.0	0.0	0.0	0.0	0.0
CARY					
0.0	0.0	0.0	0.0	9001.0	0.1
FIL					
0.1	0.3	0.6	1.0	0.4	0.0
SUCC					
0.0	9001.0	0.0	0.0	9001.0	0.3
SPA					
0.0	0.0	0.0	0.0	0.2	0.0
FILI					
0.1	0.9	0.7	2.2	0.7	3.1
POLY					
0.0	0.0	0.0	0.0	0.0	0.5
PTR					
0.0	2.6	2.4	0.2	0.4	0.1
SPH					
1.3	0.4	0.8	5.6	6.7	8.3
APO					
20.5	24.3	14.1	19.7	11.0	12.7
SPO					
11.9	16.6	11.3	21.8	20.5	24.1
NAP					
67.5	58.9	74.4	58.4	68.3	63.1

CRONKLEY FELL 1968
POLLEN GRAINS COUNTED

DEPTHS								
20.0	30.0	40.0	50.0	60.0	68.0	70.0	74.0	83.0
COUNT								
BET								
33.0	13.0	19.0	33.0	42.0	53.0	49.0	35.0	85.0
PIN								
3.0	9001.0	2.0	10.0	5.0	32.0	35.0	25.0	36.0
QU								
89.0	69.0	64.0	70.0	70.0	47.0	55.0	48.0	3.0
ULM								
27.0	8.0	11.0	25.0	45.0	37.0	35.0	31.0	13.0
TIL								
3.0	1.0	1.0	9001.0	1.0	0.0	0.0	0.0	0.0
FX								
10.0	2.0	5.0	5.0	12.0	1.0	7.0	0.0	3.0
ALN								
98.0	114.0	113.0	94.0	80.0	47.0	53.0	57.0	1.0
SX								
0.0	2.0	0.0	1.0	31.0	4.0	0.0	2.0	1.0
COR								
275.0	225.0	204.0	232.0	279.0	348.0	397.0	427.0	686.0
HED								
0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
CALL								
254.0	145.0	358.0	206.0	85.0	183.0	216.0	200.0	156.0
ERI								
0.0	2.0	1.0	0.0	9001.0	2.0	3.0	1.0	13.0
GRA								
31.0	23.0	21.0	48.0	22.0	96.0	64.0	55.0	34.0
CYP								
43.0	21.0	33.0	52.0	36.0	34.0	31.0	28.0	39.0
RUD								
9001.0	2.0	7.0	4.0	5.0	19.0	9.0	7.0	0.0
PLA								
9001.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
RX								
0.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	0.0
COT								
0.0	0.0	1.0	1.0	1.0	1.0	1.0	2.0	0.0
UMB								
0.0	9001.0	0.0	3.0	1.0	83.0	3.0	0.0	0.0
ART								
0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
MEL								
0.0	0.0	2.0	0.0	2.0	18.0	4.0	3.0	0.0
ROS								
1.0	0.0	4.0	7.0	2.0	1.0	6.0	9.0	0.0
POT								
0.0	1.0	0.0	3.0	0.0	1.0	1.0	1.0	0.0
RUB								
0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
MER								
0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0
VIC								
0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
CAM								
0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
RAN								
0.0	0.0	2.0	1.0	0.0	1.0	0.0	9001.0	0.0
CARY								
0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
FIL								
0.0	1.0	0.0	1.0	1.0	10.0	2.0	12.0	0.0

SUCC								
0.0	0.0	9001.0	1.0	0.0	9001.0	9001.0	0.0	0.0
THA								
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
DRO								
0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0
TYP								
0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
FILI								
5.0	6.0	6.0	13.0	7.0	9.0	4.0	10.0	12.0
POLY								
2.0	3.0	1.0	2.0	9001.0	1.0	2.0	1.0	0.0
PTR								
0.0	9001.0	2.0	3.0	1.0	4.0	1.0	1.0	0.0
SPH								
19.0	25.0	28.0	91.0	2538.0	1092.0	1530.0	411.0	9048.0

CRONKLEY FELL 1968
PERCENTAGE OF POLLEN SUM

DEPTHS								
20.0	30.0	40.0	50.0	60.0	68.0	70.0	74.0	83.0
PERCENTAGES								
BET								
20.4	13.9	20.6	23.0	24.0	30.8	27.0	25.1	60.7
PIN								
1.8	9001.0	2.1	6.9	2.8	18.6	19.3	17.9	25.7
QU								
55.2	74.1	69.5	48.9	40.0	27.3	30.3	34.5	2.1
ULM								
16.7	8.6	11.9	17.4	25.7	21.5	19.3	22.3	9.2
TIL								
1.8	1.0	1.0	9001.0	0.5	0.0	0.0	0.0	0.0
FX								
6.2	2.1	5.4	3.4	6.8	0.5	3.8	0.0	2.1
ALN								
60.8	122.5	122.8	65.7	45.7	27.3	29.2	41.0	0.7
SX								
0.0	2.1	0.0	0.6	17.7	2.3	0.0	1.4	0.7
COR								
170.8	241.9	221.7	162.2	159.4	202.3	219.3	307.1	490.0
HED								
0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0
CALL								
157.7	155.9	389.1	144.0	48.5	106.3	119.3	143.8	111.4
ERI								
0.0	2.1	1.0	0.0	9001.0	1.1	1.6	0.7	9.2
GRA								
19.2	24.7	22.8	33.5	12.5	55.8	35.3	39.5	24.2
CYP								
26.7	22.5	35.8	36.3	20.5	19.7	17.1	20.1	27.8
RUD								
9001.0	2.1	7.6	2.7	2.8	11.0	4.9	5.0	0.0
ROS								
0.6	0.0	4.3	4.8	1.1	0.5	3.3	6.4	0.0
POT								
0.0	1.0	0.0	2.0	0.0	0.5	0.5	0.7	0.0
RUB								
0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0
MER								
0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0
VIC								
0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0
CAM								
0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0
RAN								
0.0	0.0	2.1	0.6	0.0	0.5	0.0	9001.0	0.0
CARY								
0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0

FIL								
0.0	1.0	0.0	0.6	0.5	5.8	1.1	8.6	0.0
SUCC								
0.0	0.0	9001.0	0.6	0.0	9001.0	9001.0	0.0	0.0
THA								
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
DRO								
0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0
TYP								
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0
FILI								
3.1	6.4	6.5	9.0	4.0	5.2	2.2	7.1	8.5
POLY								
1.2	3.2	1.0	1.3	9001.0	0.5	1.1	0.7	0.0
PTR								
0.0	9001.0	2.1	2.0	0.5	2.3	0.5	0.7	0.0
SPH								
11.8	26.8	30.4	63.6	1450.2	634.8	845.3	295.6	9048.0

CRONKLEY FELL 1968
PERCENTAGE OF POLLEN SUM

DEPTHS								
20.0	30.0	40.0	50.0	60.0	68.0	70.0	74.0	83.0
PERCENTAGES								
PLA								
9001.0	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0
RX								
0.0	0.0	1.0	0.0	0.5	0.0	0.5	0.0	0.0
COT								
0.0	0.0	1.0	0.6	0.5	0.5	0.5	1.4	0.0
UMB								
0.0	9001.0	0.0	2.0	0.5	48.2	1.6	0.0	0.0
ART								
0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
MEL								
0.0	0.0	2.1	0.0	1.1	10.4	2.2	2.1	0.0

CRONKLEY FELL 1968
PERCENTAGE OF TOTAL POLLEN

DEPTHS								
20.0	30.0	40.0	50.0	60.0	68.0	70.0	74.0	83.0
PERCENTAGES								
BET								
3.8	2.0	2.2	4.1	5.8	5.3	5.0	3.7	7.9
PIN								
0.3	9001.0	0.2	1.2	0.6	3.2	3.6	2.6	3.3
QU								
10.2	10.9	7.6	8.7	9.7	4.7	5.6	5.1	0.2
ULM								
3.1	1.2	1.3	3.1	6.2	3.7	3.6	3.2	1.2
TIL								
0.3	0.1	0.1	9001.0	0.1	0.0	0.0	0.0	0.0
FX								
1.1	0.3	0.5	0.6	1.6	0.1	0.7	0.0	0.2
ALN								
11.3	18.1	13.5	11.8	11.1	4.7	5.4	6.0	0.0
SX								
0.0	0.3	0.0	0.1	4.3	0.4	0.0	0.2	0.0

COR								
31.7	35.7	24.4	29.1	38.9	34.9	41.0	45.4	64.0
HED								
0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
CALL								
29.3	23.0	42.8	25.8	11.8	18.3	22.3	21.2	14.5
ERI								
0.0	0.3	0.1	0.0	9001.0	0.2	0.3	0.1	1.2
GRA								
3.5	3.6	2.5	6.0	3.0	9.6	6.6	5.8	3.1
CYP								
4.9	3.3	3.9	6.5	5.0	3.4	3.2	2.9	3.6
RUD								
9001.0	0.3	0.8	0.5	0.6	1.9	0.9	0.7	0.0
ROS								
0.1	0.0	0.4	0.8	0.2	0.1	0.6	0.9	0.0
PCT								
0.0	0.1	0.0	0.3	0.0	0.1	0.1	0.1	0.0
RUB								
0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
MER								
0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0
VIC								
0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
CAM								
0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
RAN								
0.0	0.0	0.2	0.1	0.0	0.1	0.0	9001.0	0.0
CARY								
0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
FIL								
0.0	0.1	0.0	0.1	0.1	1.0	0.2	1.2	0.0
SUCC								
0.0	0.0	9001.0	0.1	0.0	9001.0	9001.0	0.0	0.0
THA								
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DRO								
0.0	0.0	0.0	0.0	9001.0	0.0	0.0	0.0	0.0
TYP								
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
FILI								
0.5	0.9	0.7	1.6	0.9	0.9	0.4	1.0	1.1
POLY								
0.2	0.4	0.1	0.2	9001.0	0.1	0.2	0.1	0.0
PTR								
0.0	9001.0	0.2	0.3	0.1	0.4	0.1	0.1	0.0
APO								
29.9	32.9	24.9	29.7	35.6	21.9	24.2	20.8	13.1
SPO								
32.1	36.0	24.4	29.3	43.2	35.3	41.0	45.6	64.1
NAP								
37.9	31.0	51.0	40.8	21.0	42.6	34.6	33.4	22.6

BLACK HILL 1968
POLLEN GRAINS COUNTED

DEPTHS	24.0	29.0	34.0	39.0	44.0	49.0
COUNT						
BET	189.0	34.0	66.0	37.0	15.0	57.0
PIN	4.0	2.0	10.0	56.0	108.0	66.0
QU	38.0	79.0	47.0	34.0	22.0	11.0
ULM	3.0	4.0	27.0	39.0	31.0	29.0
TIL	0.0	9001.0	1.0	1.0	0.0	1.0
FX	7.0	3.0	1.0	0.0	1.0	1.0
ALN	84.0	107.0	56.0	53.0	18.0	6.0
SX	2.0	6.0	6.0	4.0	4.0	3.0
COR	239.0	151.0	159.0	196.0	258.0	417.0
ACE	0.0	2.0	0.0	0.0	0.0	0.0
ERI	4.0	6.0	7.0	4.0	2.0	2.0
GRA	179.0	316.0	277.0	165.0	149.0	176.0
CYP	44.0	129.0	137.0	315.0	182.0	204.0
RUD	51.0	48.0	26.0	8.0	13.0	16.0
PLA	1.0	3.0	0.0	0.0	0.0	0.0
PMM	0.0	0.0	1.0	0.0	0.0	0.0
RX	0.0	2.0	0.0	0.0	1.0	0.0
COT	0.0	0.0	2.0	9001.0	2.0	4.0
COL	0.0	1.0	0.0	0.0	1.0	0.0
UMB	3.0	3.0	16.0	7.0	9.0	12.0
MEL	46.0	39.0	6.0	1.0	0.0	0.0
ROS	9.0	31.0	6.0	3.0	2.0	8.0
POT	16.0	99.0	0.0	1.0	0.0	0.0
HEL	1.0	0.0	0.0	0.0	0.0	0.0
RUB	0.0	0.0	0.0	3.0	0.0	0.0
MER	0.0	1.0	0.0	0.0	0.0	0.0
CRUC	0.0	0.0	0.0	1.0	0.0	1.0
CAM	9001.0	0.0	0.0	0.0	0.0	0.0
ONO	0.0	0.0	1.0	0.0	0.0	0.0
ONOB	0.0	0.0	0.0	0.0	1.0	0.0
VIC	0.0	0.0	9001.0	0.0	0.0	0.0

RANE					
1.0	0.0	1.0	0.0	0.0	1.0
RAN					
0.0	5.0	0.0	0.0	2.0	9001.0
CARY					
9001.0	2.0	2.0	3.0	0.0	0.0
FIL					
4.0	17.0	23.0	7.0	12.0	13.0
SUCC					
1.0	3.0	2.0	0.0	1.0	0.0
VAL					
0.0	0.0	9001.0	0.0	1.0	0.0
EPIL					
0.0	9001.0	9001.0	0.0	0.0	0.0
FILI					
5.0	14.0	9.0	81.0	67.0	132.0
POLY					
9001.0	9001.0	2.0	11.0	1.0	2.0
PTR					
1.0	4.0	3.0	6.0	7.0	9.0
SPH					
28.0	13.0	31.0	50.0	144.0	107.0

BLACK HILL 1968
PERCENTAGE OF POLLEN SUM

DEPTHS					
24.0	29.0	34.0	39.0	44.0	49.0
PERCENTAGES					
BET					
78.4	30.3	43.4	22.1	8.4	33.3
PIN					
1.6	1.7	6.5	33.5	61.0	38.5
QU					
15.7	70.5	30.9	20.3	12.4	6.4
ULM					
1.2	3.5	17.7	23.3	17.5	16.9
TIL					
0.0	9001.0	0.6	0.5	0.0	0.5
FX					
2.9	2.6	0.6	0.0	0.5	0.5
ALN					
34.8	95.5	36.8	31.7	10.1	3.5
SX					
0.8	5.3	3.9	2.3	2.2	1.7
COR					
99.1	134.8	104.6	117.3	145.7	243.8
ACE					
0.0	1.7	0.0	0.0	0.0	0.0
ERI					
1.6	5.3	4.6	2.3	1.1	1.1
GRA					
74.2	282.1	182.2	98.8	84.1	102.9
CYP					
18.2	115.1	90.1	188.6	102.8	119.2
RUD					
21.1	42.8	17.1	4.7	7.3	9.3
ROS					
3.7	27.6	3.9	1.7	1.1	4.6
POT					
6.6	88.3	0.0	0.5	0.0	0.0
HEL					
0.4	0.0	0.0	0.0	0.0	0.0
RUB					
0.0	0.0	0.0	1.7	0.0	0.0
MER					
0.0	0.8	0.0	0.0	0.0	0.0
CRUC					
0.0	0.0	0.0	0.5	0.0	0.5
CAM					
9001.0	0.0	0.0	0.0	0.0	0.0

ONG					
0.0	0.0	0.6	0.0	0.0	0.0
ONOB					
0.0	0.0	0.0	0.0	0.5	0.0
VIC					
0.0	0.0	9001.0	0.0	0.0	0.0
RANE					
0.4	0.0	0.6	0.0	0.0	0.5
RAN					
0.0	4.4	0.0	0.0	1.1	9001.0
CARY					
9001.0	1.7	1.3	1.7	0.0	0.0
FIL					
1.6	15.1	15.1	4.1	6.7	7.6
SUCC					
0.4	2.6	1.3	0.0	0.5	0.0
VAL					
0.0	0.0	9001.0	0.0	0.5	0.0
EPIL					
0.0	9001.0	9001.0	0.0	0.0	0.0
FILI					
2.0	12.5	5.9	48.5	37.8	77.1
POLY					
9001.0	9001.0	1.3	6.5	0.5	1.1
PTR					
0.4	3.5	1.9	3.5	3.9	5.2
SPH					
11.6	11.6	20.3	29.9	81.3	62.5

BLACK HILL 1968
PERCENTAGE OF POLLEN SUM

DEPTHS					
24.0	29.0	34.0	39.0	44.0	49.0
PERCENTAGES					
PLA					
0.4	2.6	0.0	0.0	0.0	0.0
PMM					
0.0	0.0	0.6	0.0	0.0	0.0
RX					
0.0	1.7	0.0	0.0	0.5	0.0
CCT					
0.0	0.0	1.3	9001.0	1.1	2.3
CCL					
0.0	0.8	0.0	0.0	0.5	0.0
UMB					
1.2	2.6	10.5	4.1	5.0	7.0
MEL					
19.0	34.8	3.9	0.5	0.0	0.0

BLACK HILL 1968
PERCENTAGE OF TOTAL POLLEN

DEPTHS					
24.0	29.0	34.0	39.0	44.0	49.0
PERCENTAGES					
BET					
21.6	3.3	7.7	3.9	1.8	5.5
PIN					
0.4	0.1	1.1	6.0	13.1	6.4
QU					
4.3	7.7	5.5	3.6	2.6	1.0
ULM					
0.3	0.3	3.1	4.1	3.7	2.8
TIL					
0.0	9001.0	0.1	0.1	0.0	0.0

FX					
0.8	0.2	0.1	0.0	0.1	0.0
ALN					
9.6	10.5	6.5	5.6	2.1	0.5
SX					
0.2	0.5	0.7	0.4	0.4	0.2
COR					
27.3	14.8	18.6	21.0	31.3	40.9
ACE					
0.0	0.1	0.0	0.0	0.0	0.0
ERI					
0.4	0.5	0.8	0.4	0.2	0.1
GRA					
20.4	31.1	32.4	17.7	18.1	17.2
CYP					
5.0	12.7	16.0	33.8	22.1	20.0
RUD					
5.8	4.7	3.0	0.8	1.5	1.5
ROS					
1.0	3.0	0.7	0.3	0.2	0.7
POT					
1.8	9.7	0.0	0.1	0.0	0.0
HEL					
0.1	0.0	0.0	0.0	0.0	0.0
RUB					
0.0	0.0	0.0	0.3	0.0	0.0
MER					
0.0	0.0	0.0	0.0	0.0	0.0
CRUC					
0.0	0.0	0.0	0.1	0.0	0.0
CAM					
9001.0	0.0	0.0	0.0	0.0	0.0
ONO					
0.0	0.0	0.1	0.0	0.0	0.0
ONOB					
0.0	0.0	0.0	0.0	0.1	0.0
VIC					
0.0	0.0	9001.0	0.0	0.0	0.0
RANE					
0.1	0.0	0.1	0.0	0.0	0.0
RAN					
0.0	0.4	0.0	0.0	0.2	9001.0
CARY					
9001.0	0.1	0.2	0.3	0.0	0.0
FIL					
0.4	1.6	2.6	0.7	1.4	1.2
SUCC					
0.1	0.2	0.2	0.0	0.1	0.0
VAL					
0.0	0.0	9001.0	0.0	0.1	0.0
EPIL					
0.0	9001.0	9001.0	0.0	0.0	0.0
FILI					
0.5	1.3	1.0	8.7	8.1	12.9
POLY					
9001.0	9001.0	0.2	1.1	0.1	0.1
PTR					
0.1	0.3	0.3	0.6	0.8	0.8
SPH					
3.2	1.2	3.6	5.3	17.5	10.5
APO					
37.1	22.5	24.3	23.6	23.7	17.3
SPO					
27.5	15.6	19.3	21.5	32.4	41.2
NAP					
35.3	61.7	56.3	54.8	44.4	41.3