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FINE RESOLUTION POLLEN ANALYSIS OF LATE FLANDRIAN II PEAT
AT NORTH GILL, NORTH YORK MOORS.

JAMES B. INNES

VOL 2

Thesis submitted for the Degree of
Doctor of Philosophy,
University of Durham.

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Departments of Geography and Botany. June 1989.



12 JAN 1990

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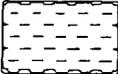
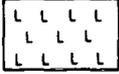
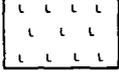
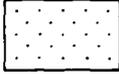
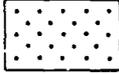
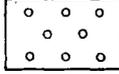
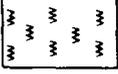
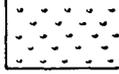
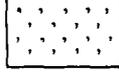
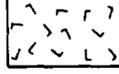
	Sh Substantia humosa {Undifferentiated organic material}		Lf Locus ferrugineus
	Tb [Sphag] Turfa bryophytica [Sphagni] {Moss peat}		As Argilla siccata {Clay}
	Tl Turfa lignosa {Roots of woody plants}		Ag Argilla granosa {Fine, medium and coarse silt}
	Th⊕ Turfa herbacea {Roots of herbaceous plants}		Gø Grana arenosa {Medium and fine sand}
	Th⊙ Turfa herbacea		Gs Grana saburralia {Coarse sand}
	Th[Meny] Turfa herbacea [Menyanthis]		Gg[min] Grana glareosa [minora] {Fine gravel}
	Th[Phra] Turfa herbacea [Phragmitis]		Gg[maj] Grana glareosa [majora] {Medium gravel}
	Th[Sche] Turfa herbacea [Scheuchzeriae]		test. [moll] testae [molluscorum] {Whole mollusc shells}
	Th[vagi] Turfa herbacea [vaginati]		part. test. [moll] particulae testarum [molluscorum] {Shell fragments}
	Dl Detritus lignosus {Wood and turf fragments}		anth anthrax {Charcoal}
	Dh Detritus herbosus {Stems and leaves of herbaceous plants}		Str Conf stratum confusum {Disturbed stratum}
	Ld⊙ Locus humosus {Fine detritus mud}		exemplum stratorum {Samples taken for pollen analysis}

Figure 1. Stratigraphic symbols and notation after Troels-Smith (1955).



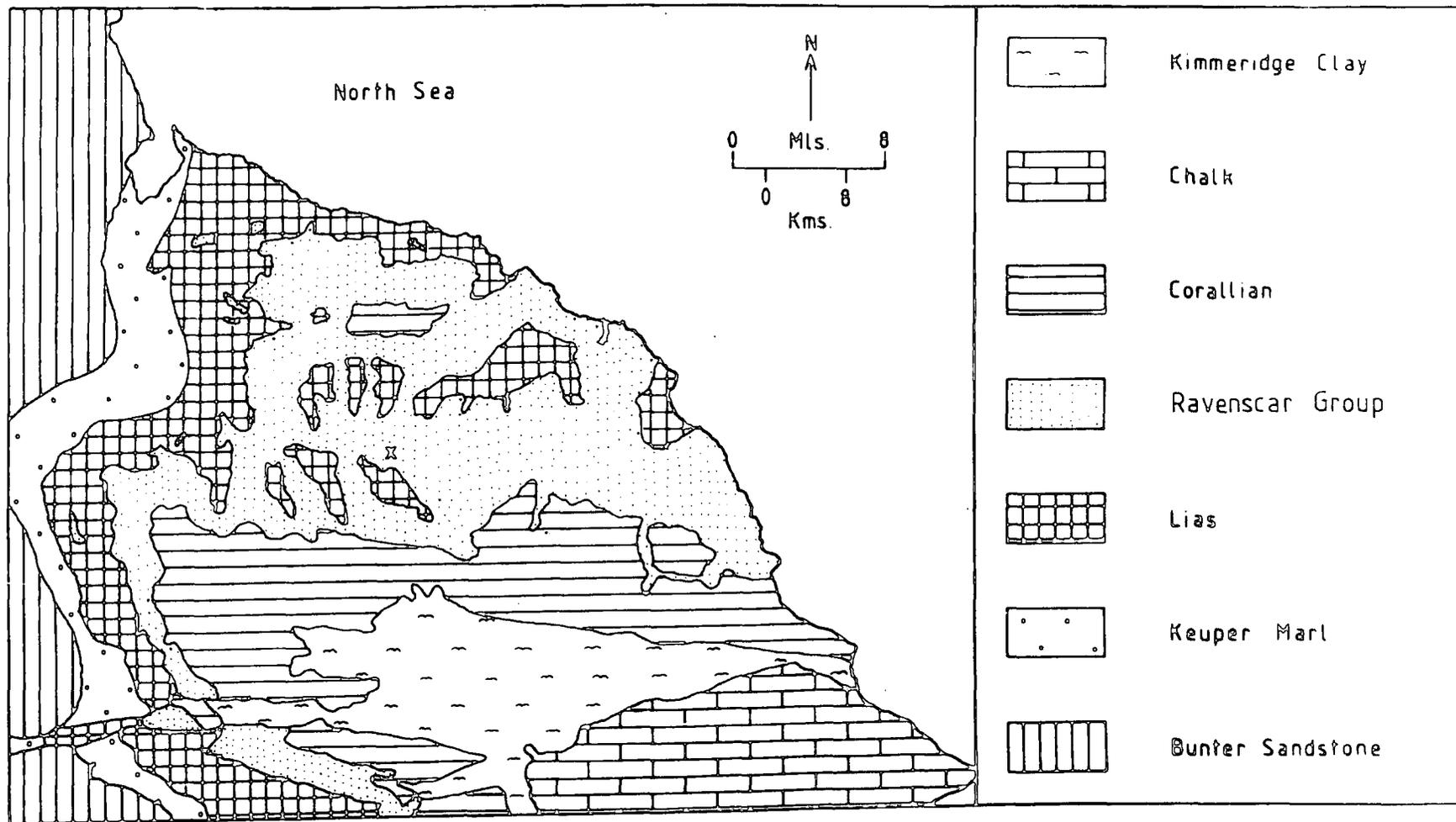


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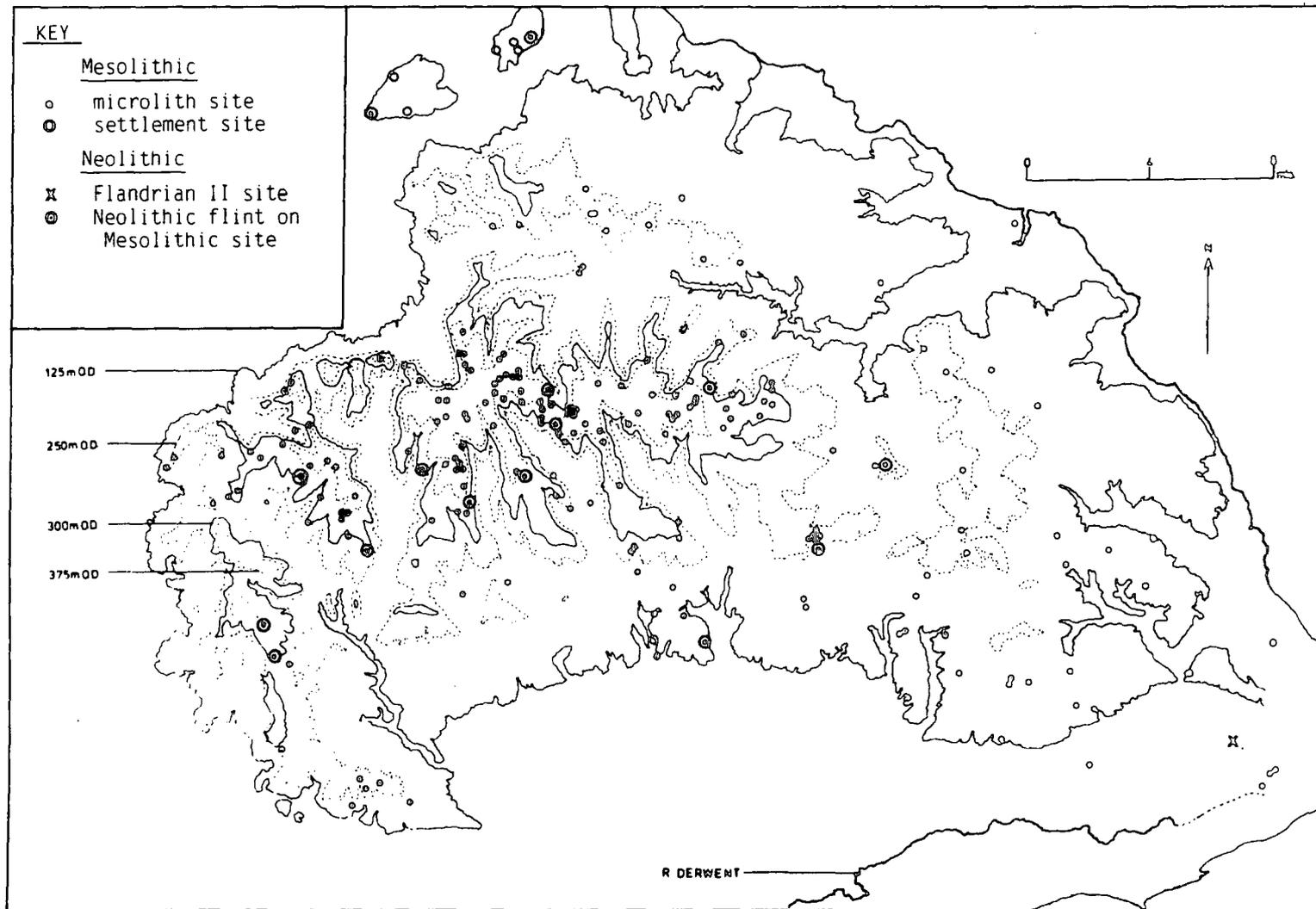


Figure 3. Late Mesolithic and Early Neolithic archaeology of the North York Moors.

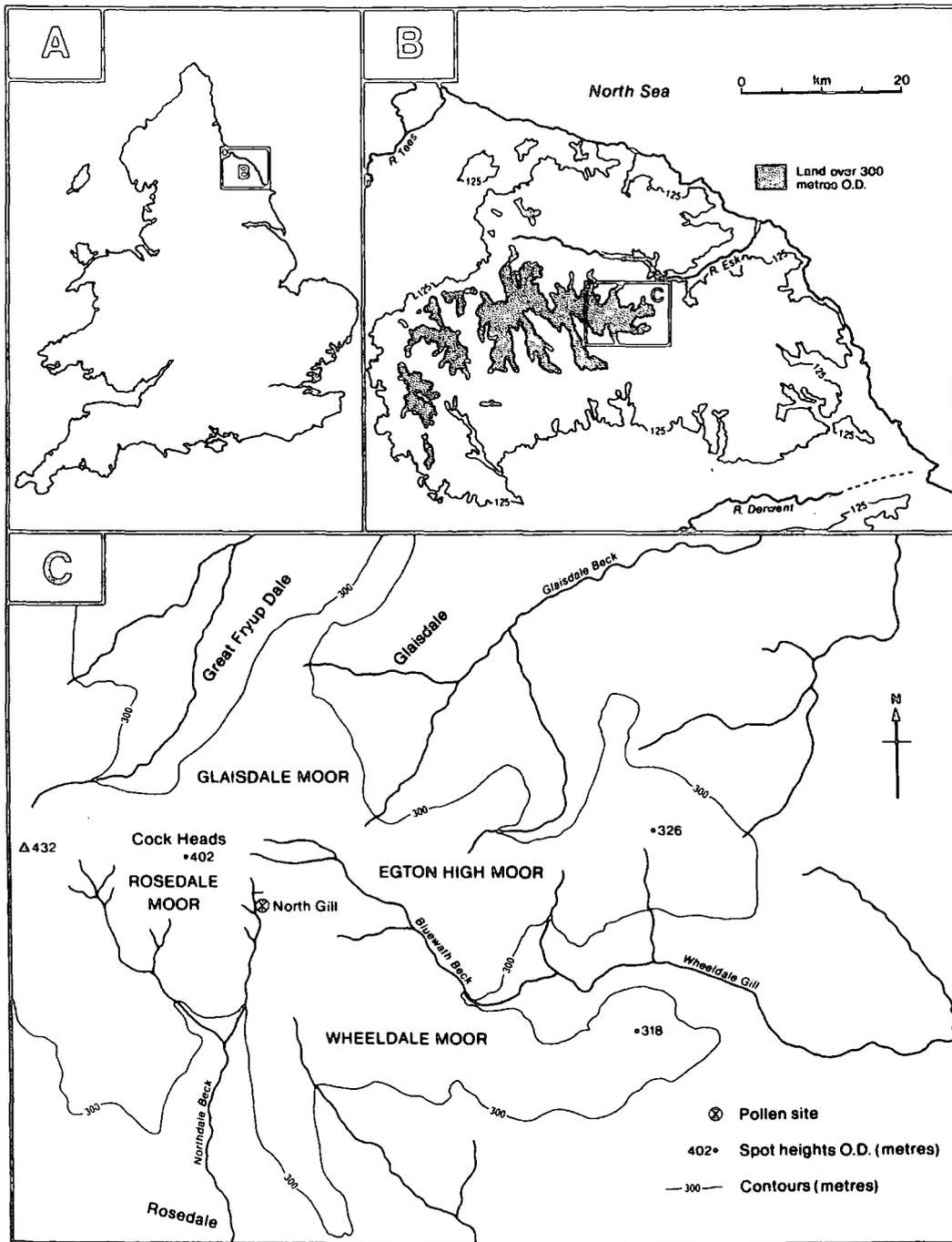


Figure 4. Location of the study site of North Gill.

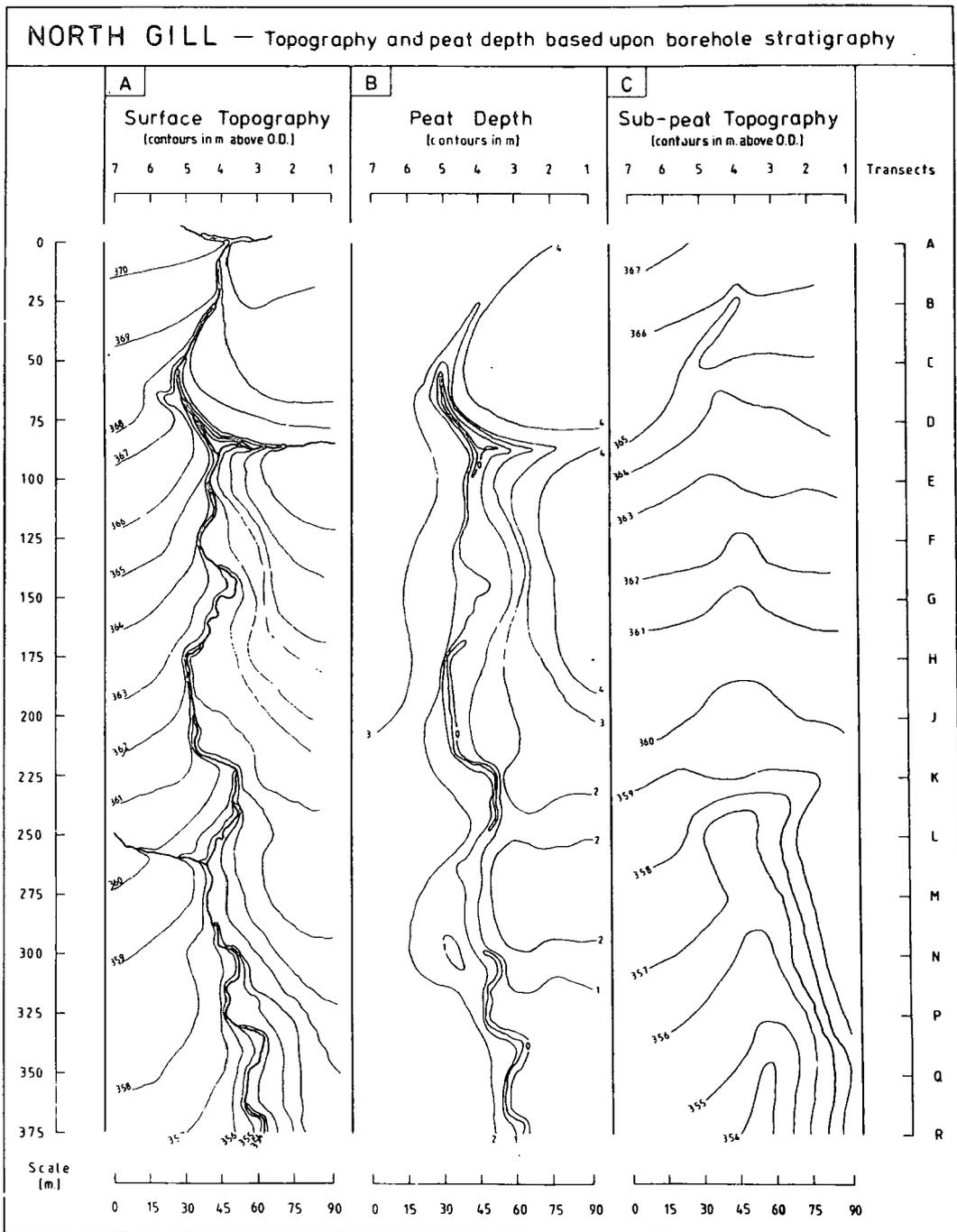


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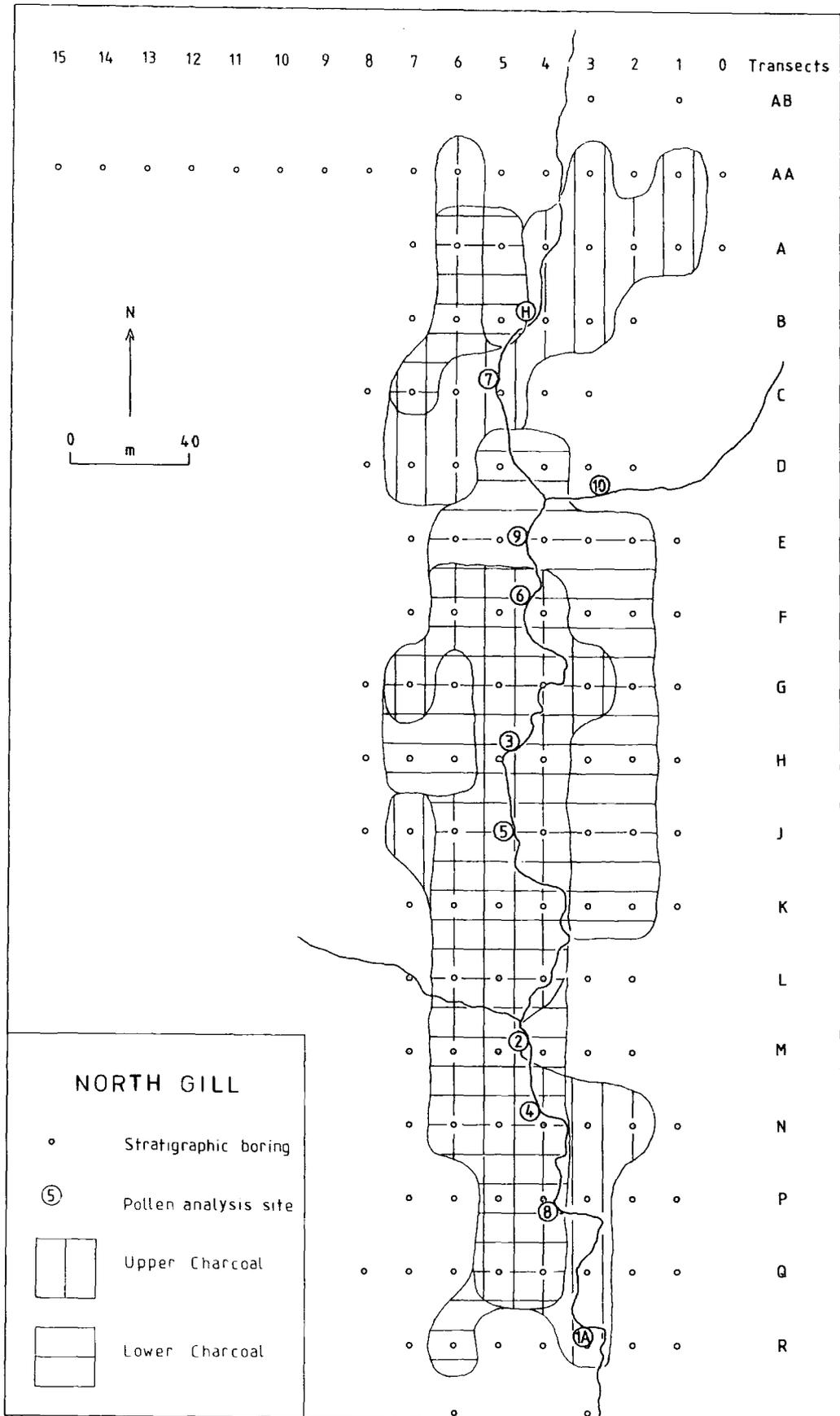


Figure 6. Location of the pollen profiles and extent of the charcoal layers at North Gill.

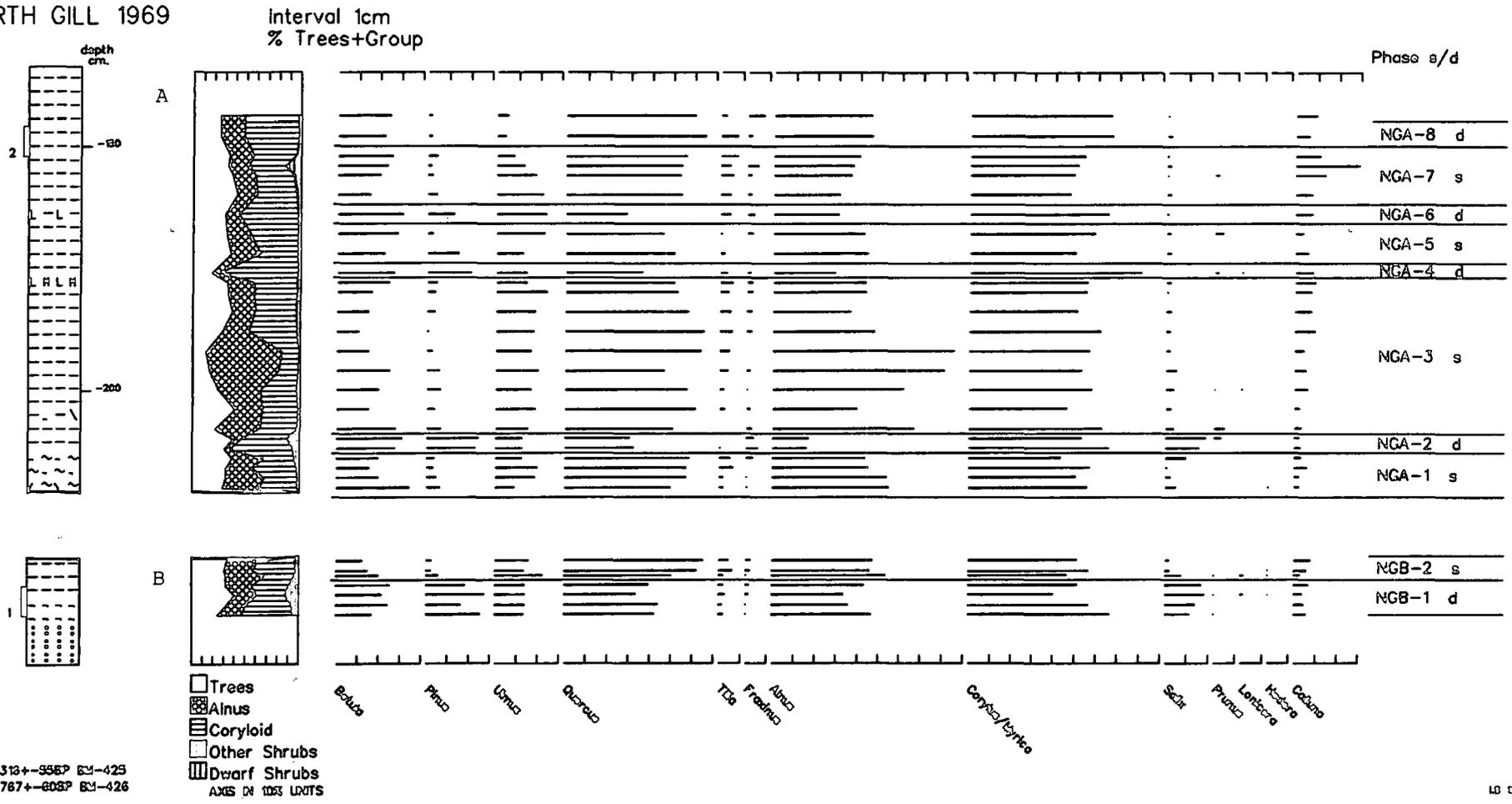
NORTH GILL

Lithostratigraphy

Conspectus Profile	Unit Designation	Unit Description
	NG - L 9	Tb[Sphag] 2 Th[vagi.] 1♦♦ TL ♦♦
	NG - L 8	Th[vagi] 2 Th 2
	NG - L 7	Sh 2 , Ag 2
	NG - L 6	Sh 2 , anth.2
	NG - L 5	Sh 3 ♦♦ Dl ♦♦
	NG - L 4	Sh 2 , anth.2
	NG - L 3	Gs 4
	NG - L 2	As 4
	NG - L 1	—

Figure 7. Conspectus lithostratigraphic succession at North Gill.

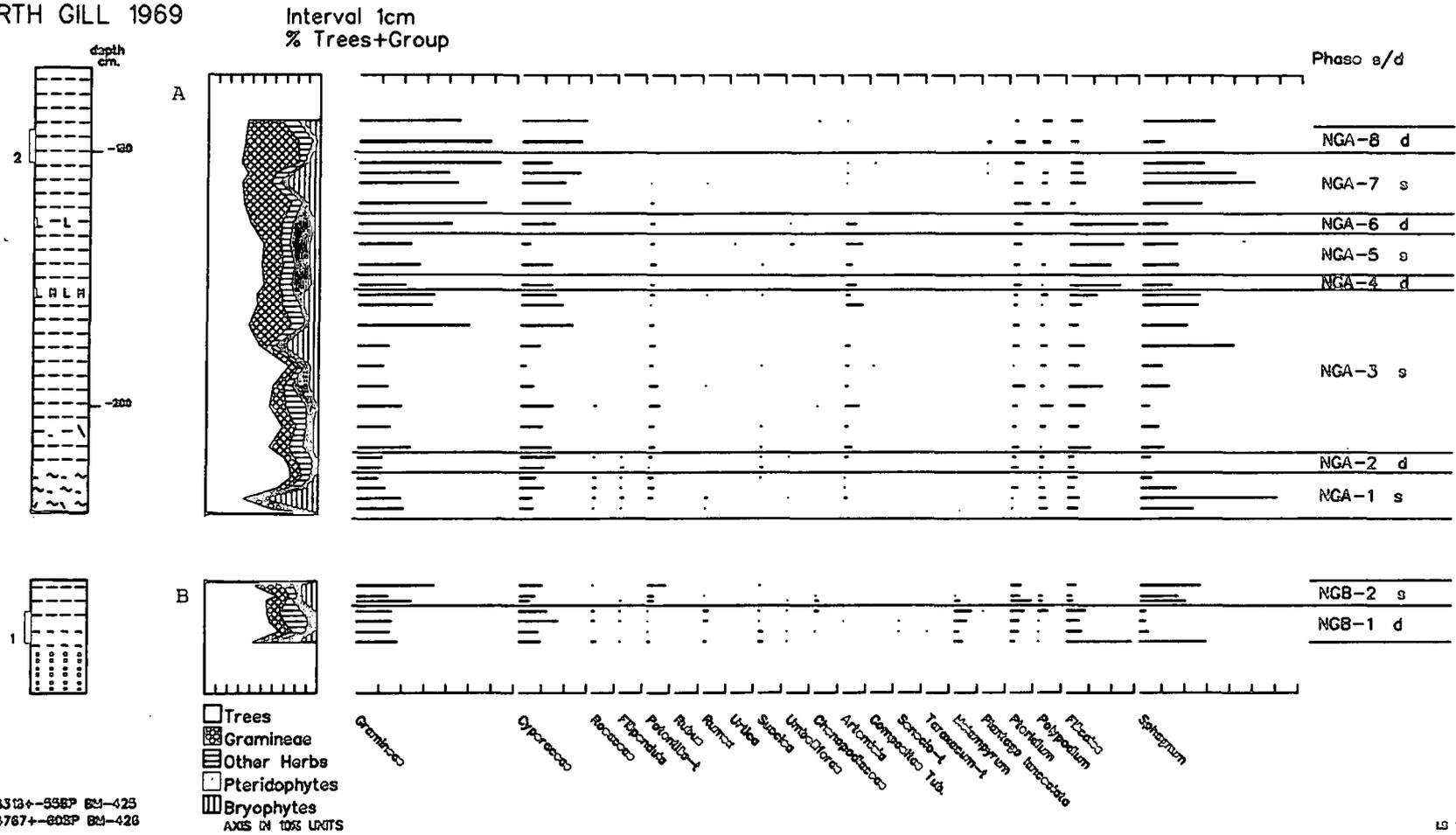
NORTH GILL 1969



1 : 6313+-956P 6M-425
2 : 4767+-608P 6M-426

Figure 8. North Gill 1969: centimetre intervals, tree and shrub pollen percentages. (after Simmons 1969a).

NORTH GILL 1969



1 : 6313+-838P BM-425
2 : 4767+-608P BM-426

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Figure 9. North Gill 1969: centimetre intervals, herb pollen and spore percentages. (after Simmons 1969a).

NORTH GILL 3

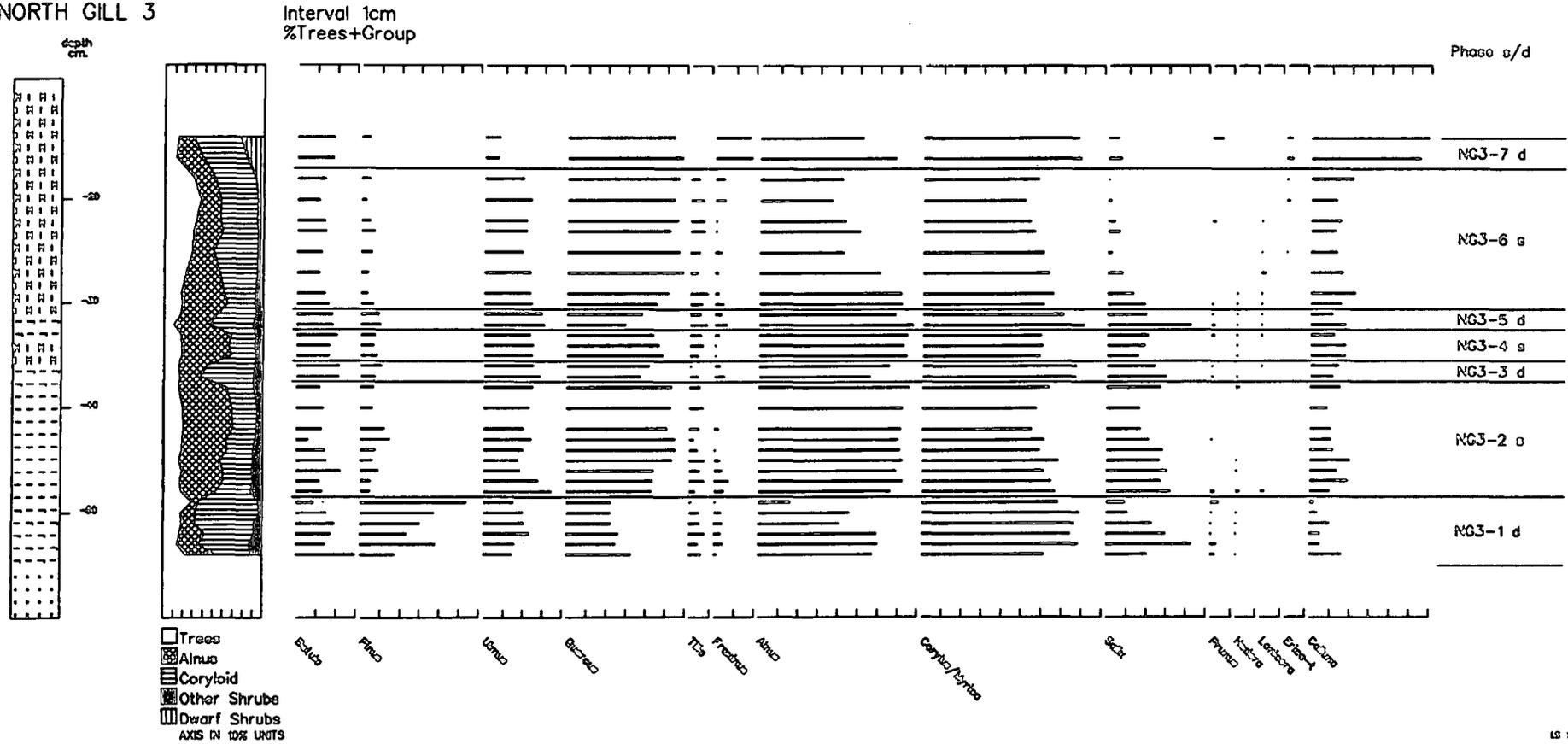


Figure 10. North Gill 3: centimetre intervals, tree and shrub pollen percentages. (after Innes 1981).

NORTH GILL 3

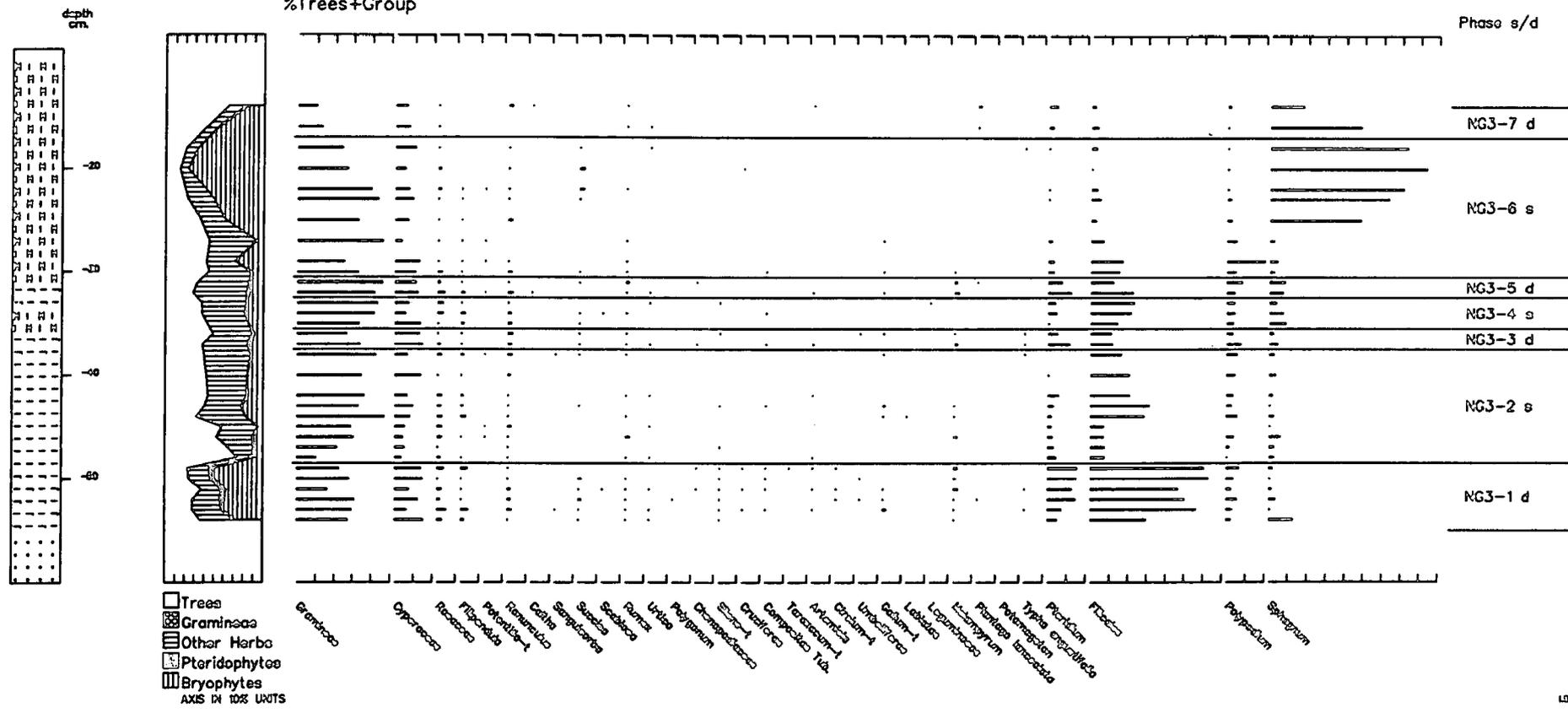


Figure 11. North Gill 3: centimetre intervals, herb pollen and spore percentages. (after Innes 1981).

NORTH GILL 1969

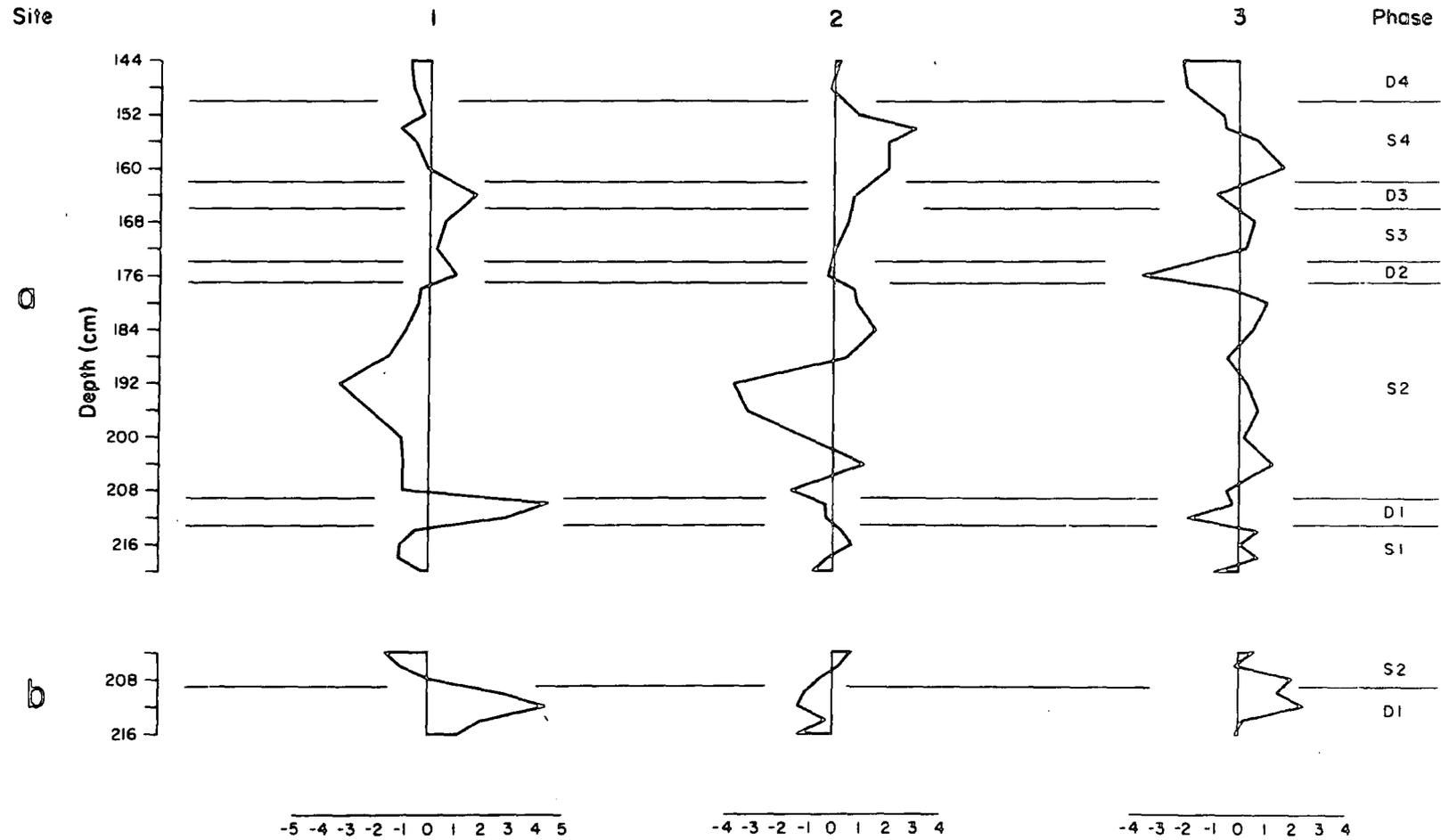
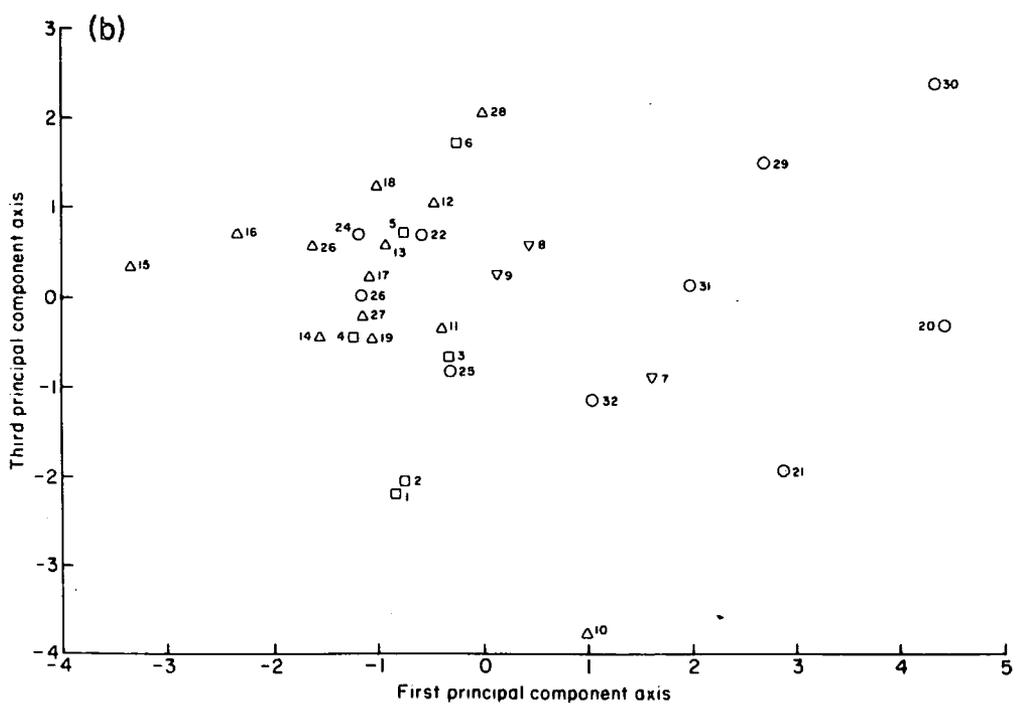
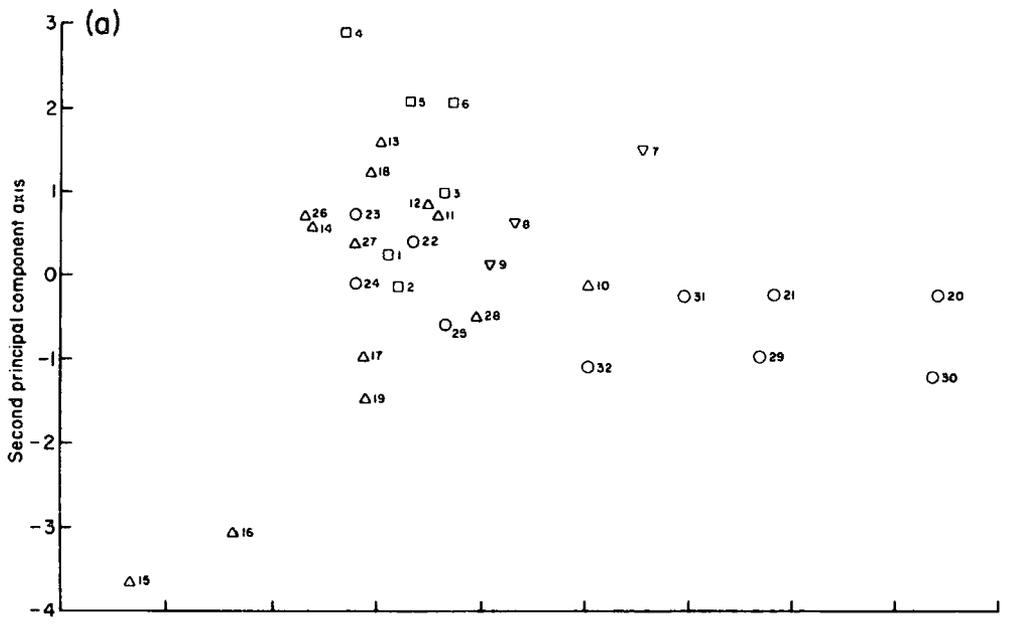


Figure 12. Stratigraphic plots of the sample scores on the first three principal components of the North Gill 1969 pollen data.



- Phase S1
- △ Phase S2
- ▽ Phase S3
- Phase S4
- Phase D1
- △ Phase D2
- ▽ Phase D3
- Phase D4

Figure 13. Scatterplot of the thirty-two pollen levels from North Gill 1969 on (a) the first and second and (b) the first and third principal component axes.

NORTH GILL 3

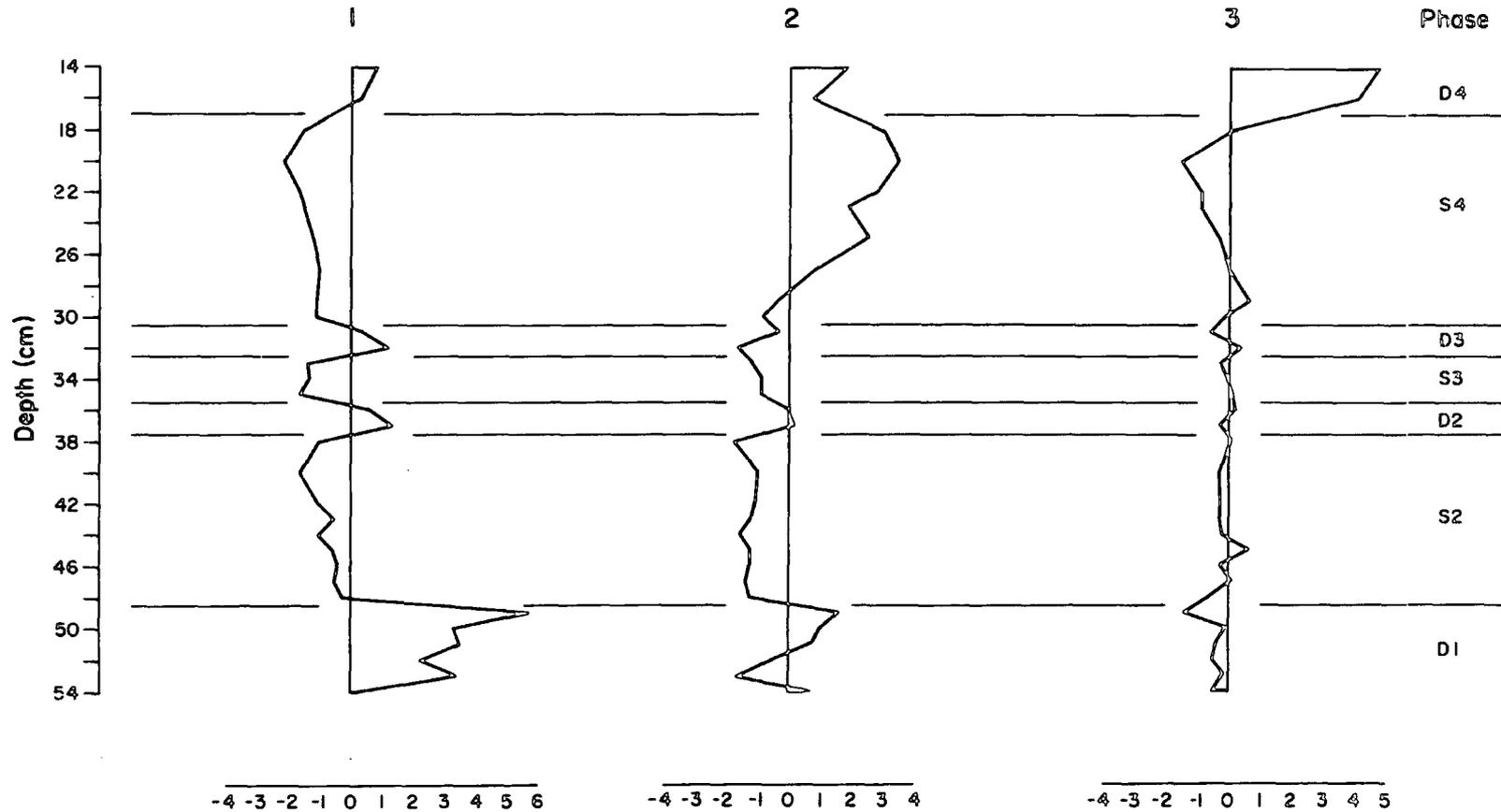


Figure 14. Stratigraphic plots of the sample scores on the first three principal components of the North Gill pollen data.

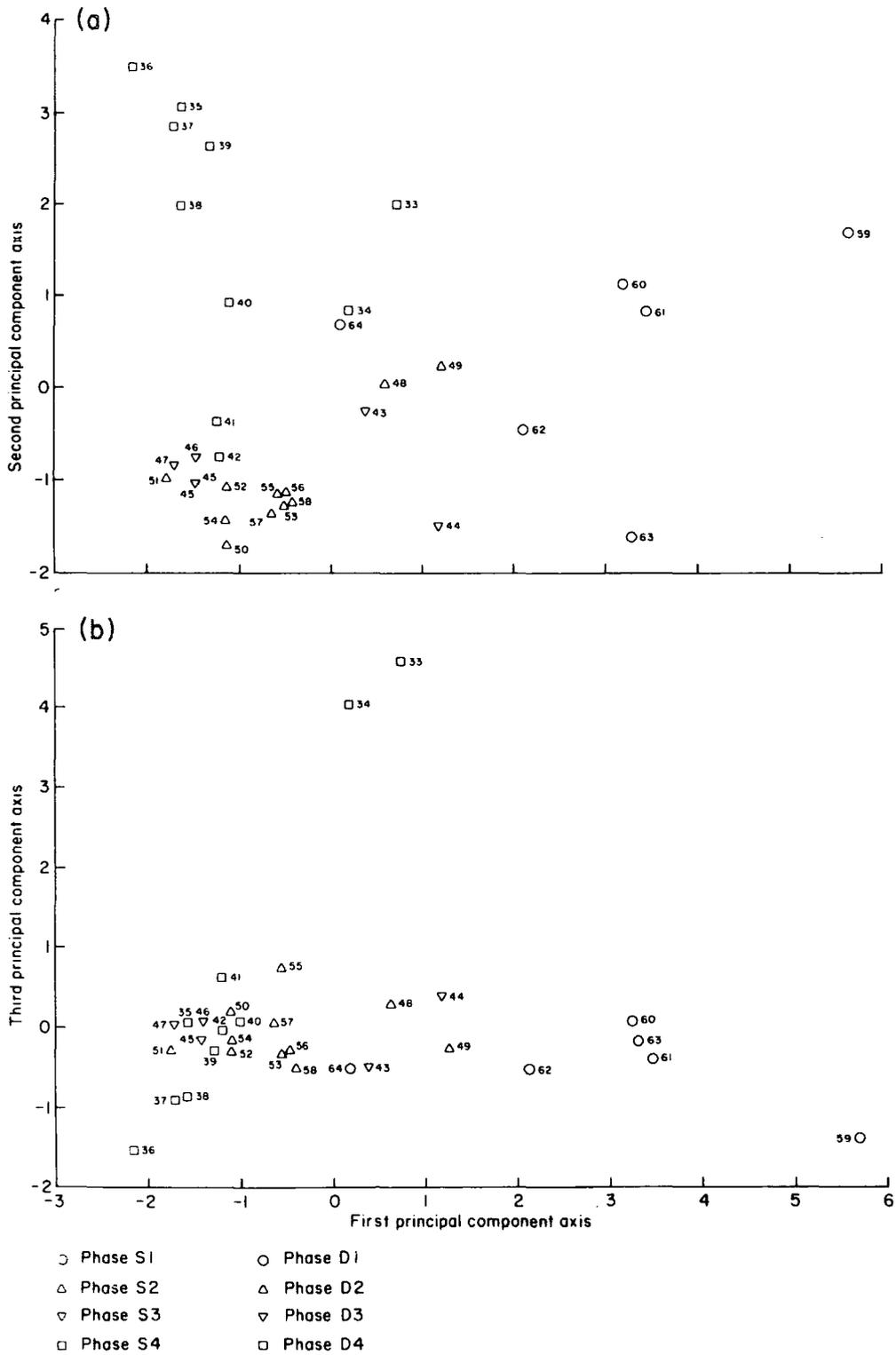


Figure 15. Scatterplot of the thirty-two pollen levels from North Gill 3 on (a) the first and second and (b) the first and third principal component axes.

NORTH GILL

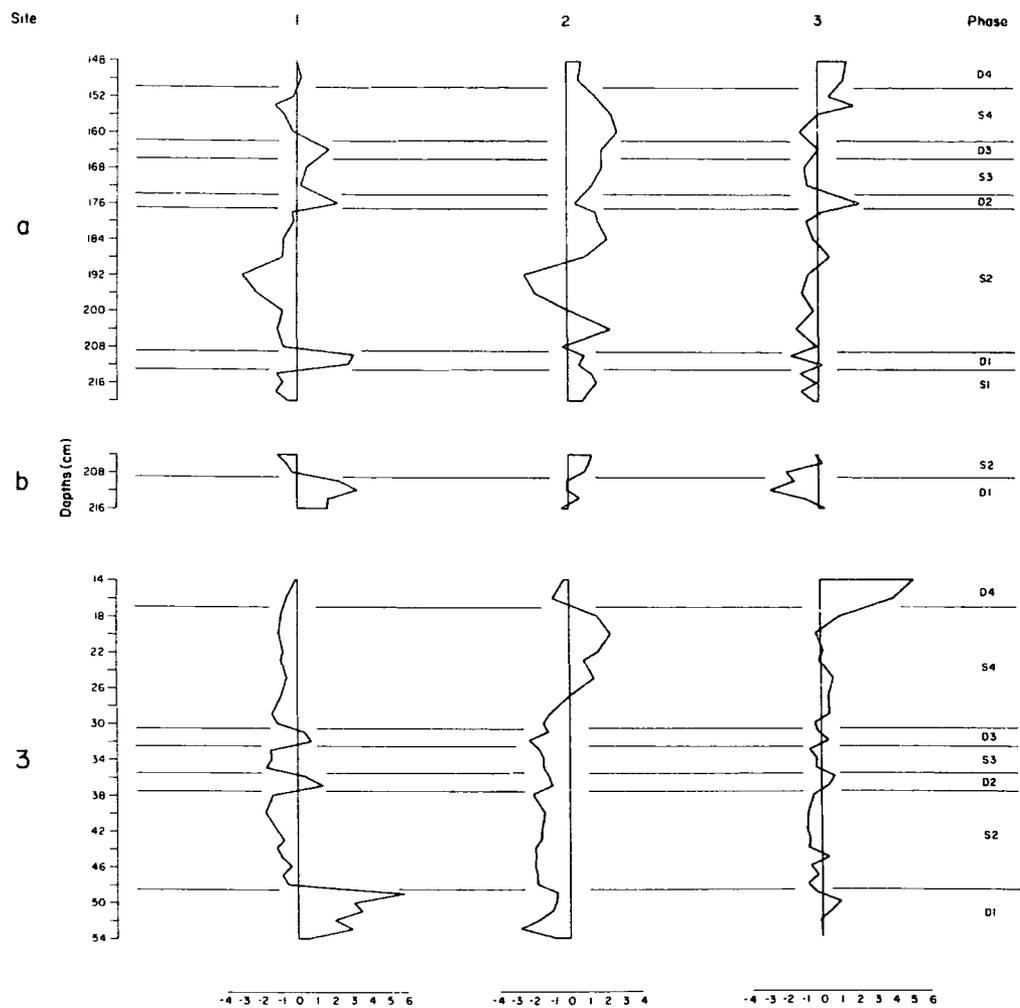


Figure 16. Stratigraphic plots of the sample scores on the first three principal components of the combined North Gill 1969 and North Gill 3 pollen data.

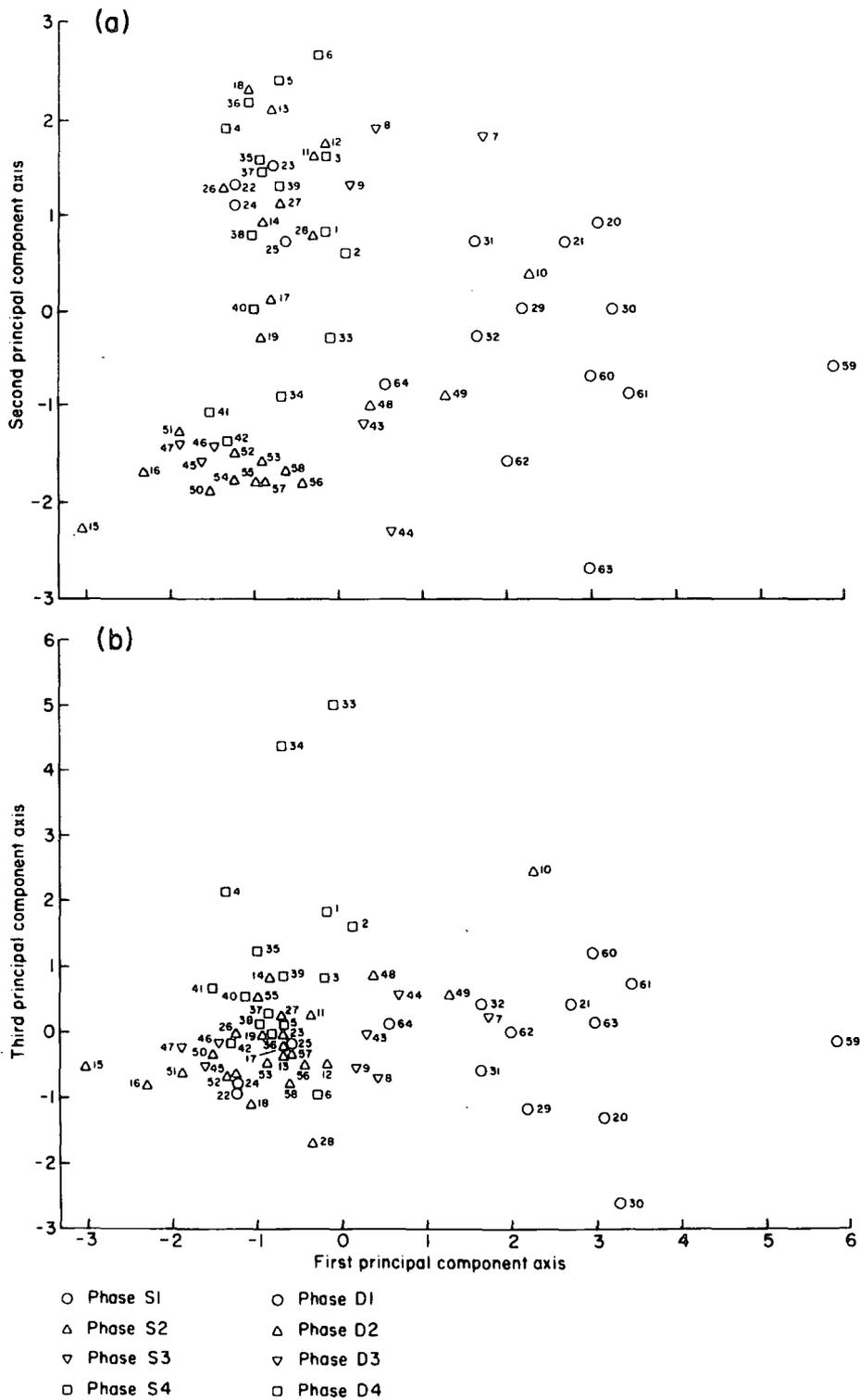


Figure 17. Scatterplot of the sixty-four pollen levels from the combined North Gill 1969 and North Gill 3 pollen data on (a) the first and second and (b) the first and third principal component scores.

NORTH GILL 5A

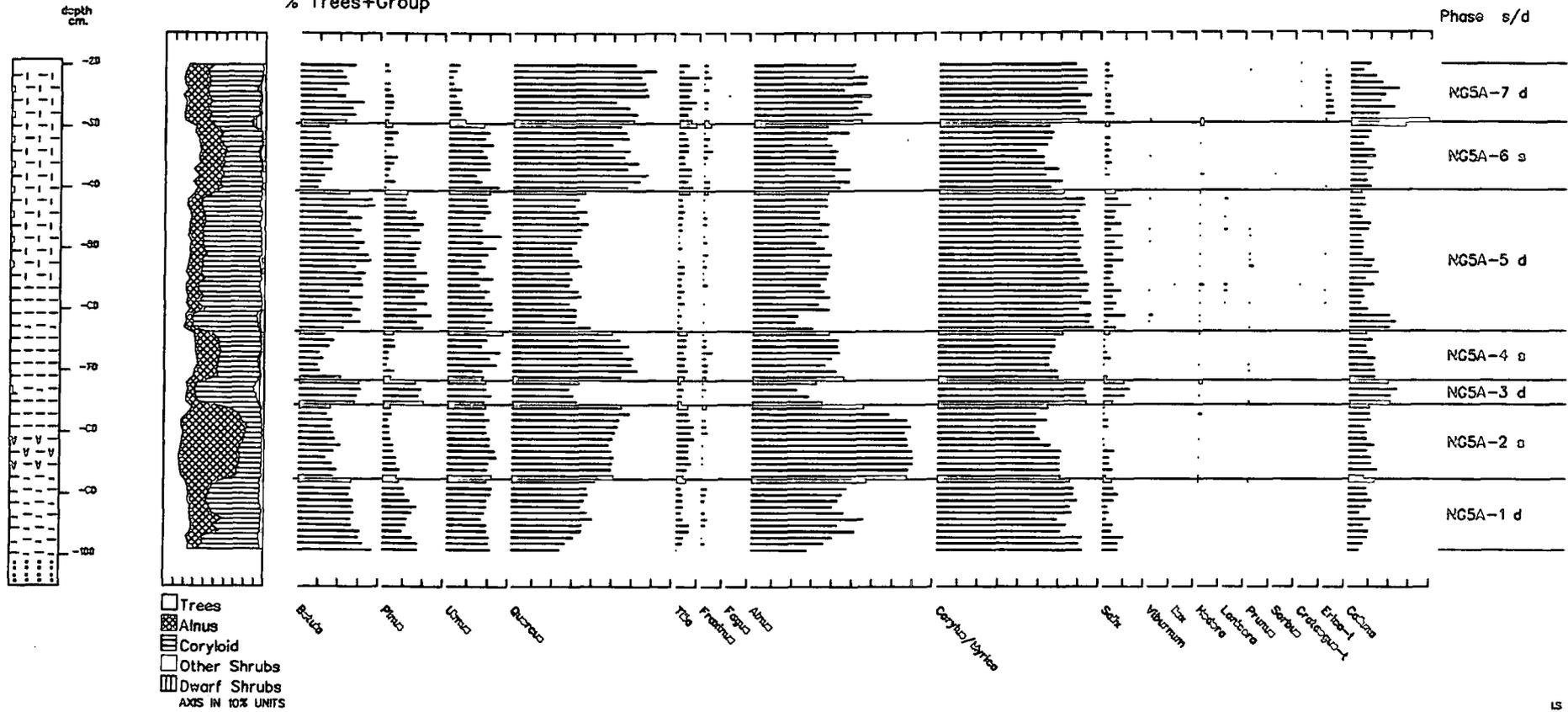


Figure 18. North Gill 5A: centimetre intervals, tree and shrub pollen percentages.

NORTH GILL 5A

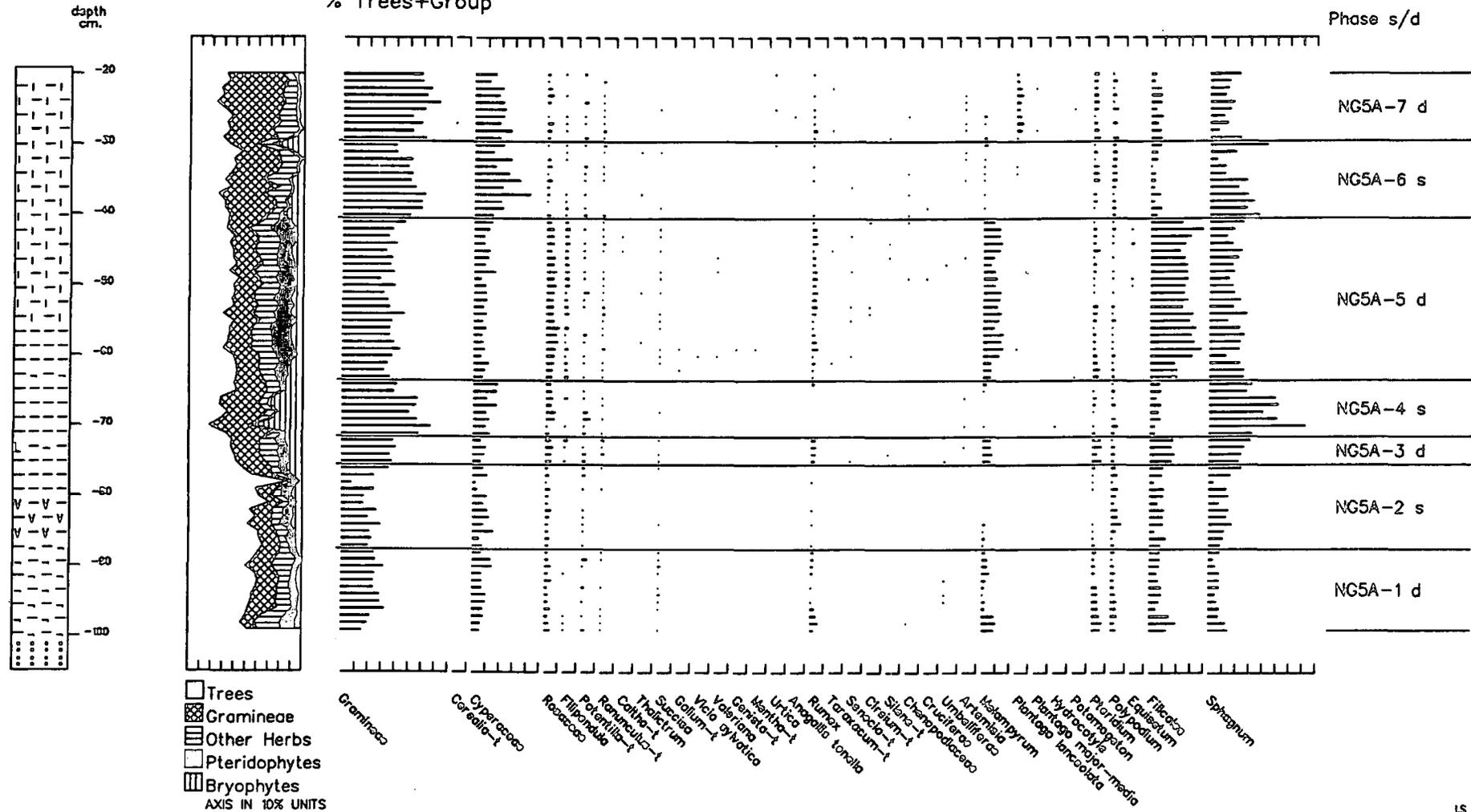
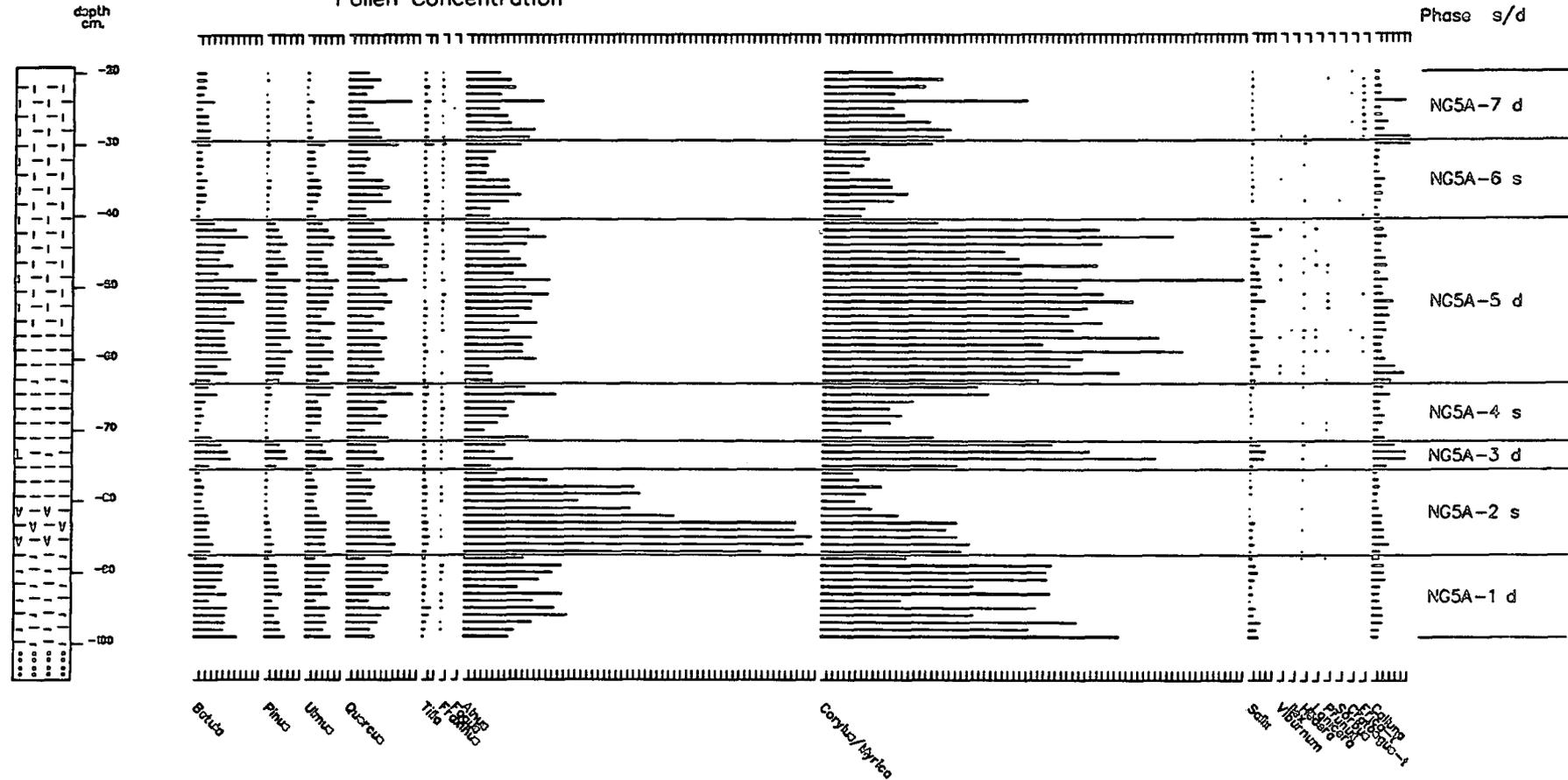


Figure 19. North Gill 5A: centimetre intervals, herb pollen and spore percentages.

NORTH GILL 5A

Interval 1 cm
Pollen Concentration



TAXA AXES IN 1000 GRAINS/CC UNITS

Figure 20. North Gill 5A: centimetre intervals, tree and shrub pollen concentrations.

NORTH GILL 5A

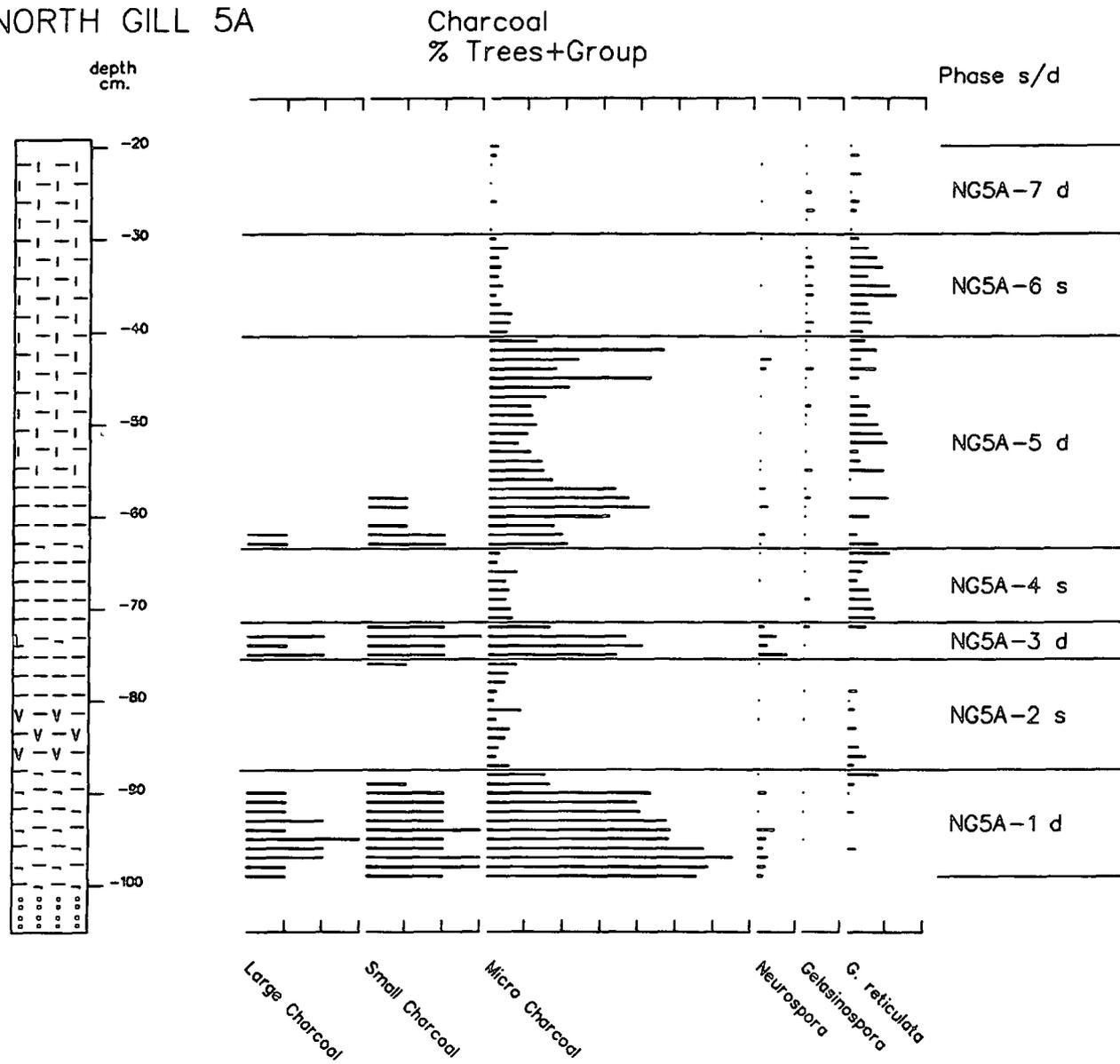
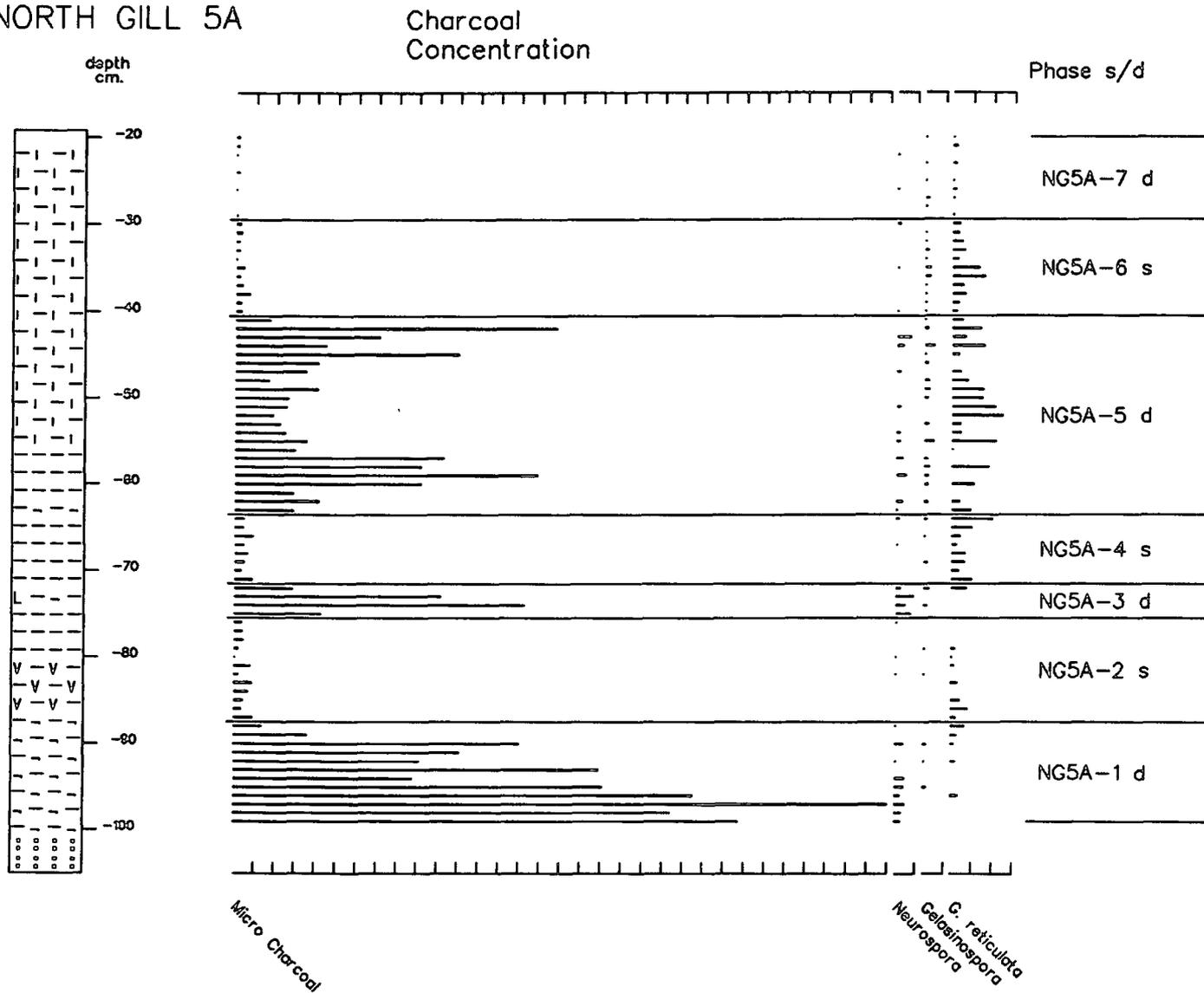


Figure 22. North Gill 5A: centimetre intervals, charcoal percentages.

NORTH GILL 5A

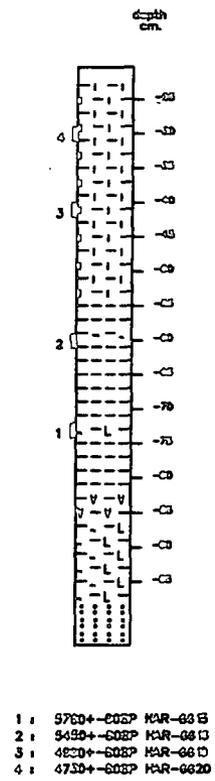


TAXA AXES IN 1000 GRAINS/CC UNITS

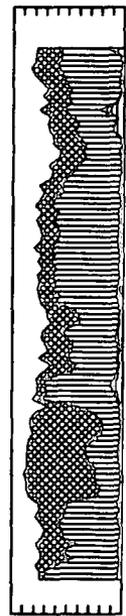
LS 1986

Figure 23. North Gill 5A: centimetre intervals, charcoal concentrations.

NORTH GILL 5B



Interval 1 cm
%Trees+Group



AVS IN 100 UNITS

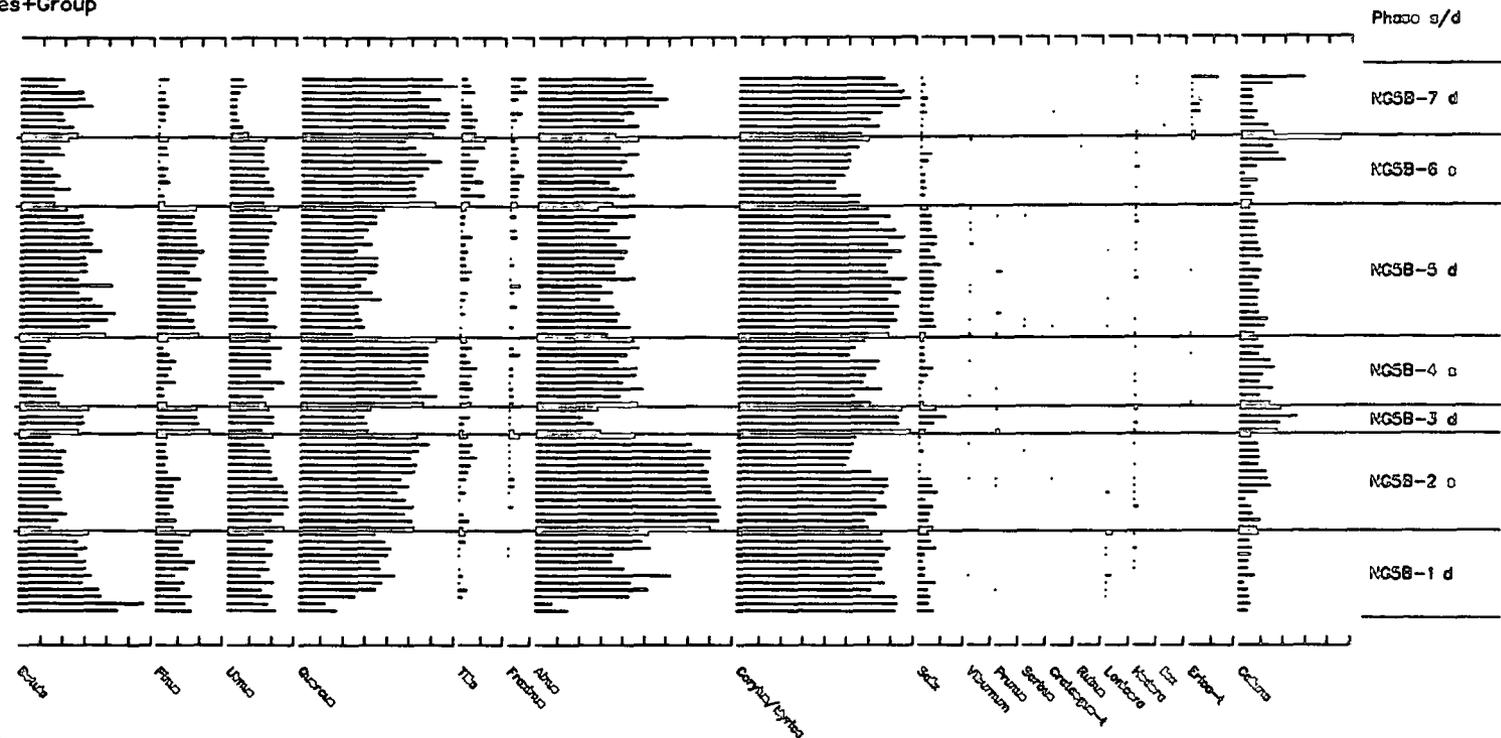


Figure 24. North Gill 5B: centimetre intervals, tree and shrub pollen percentages.

NORTH GILL 5B

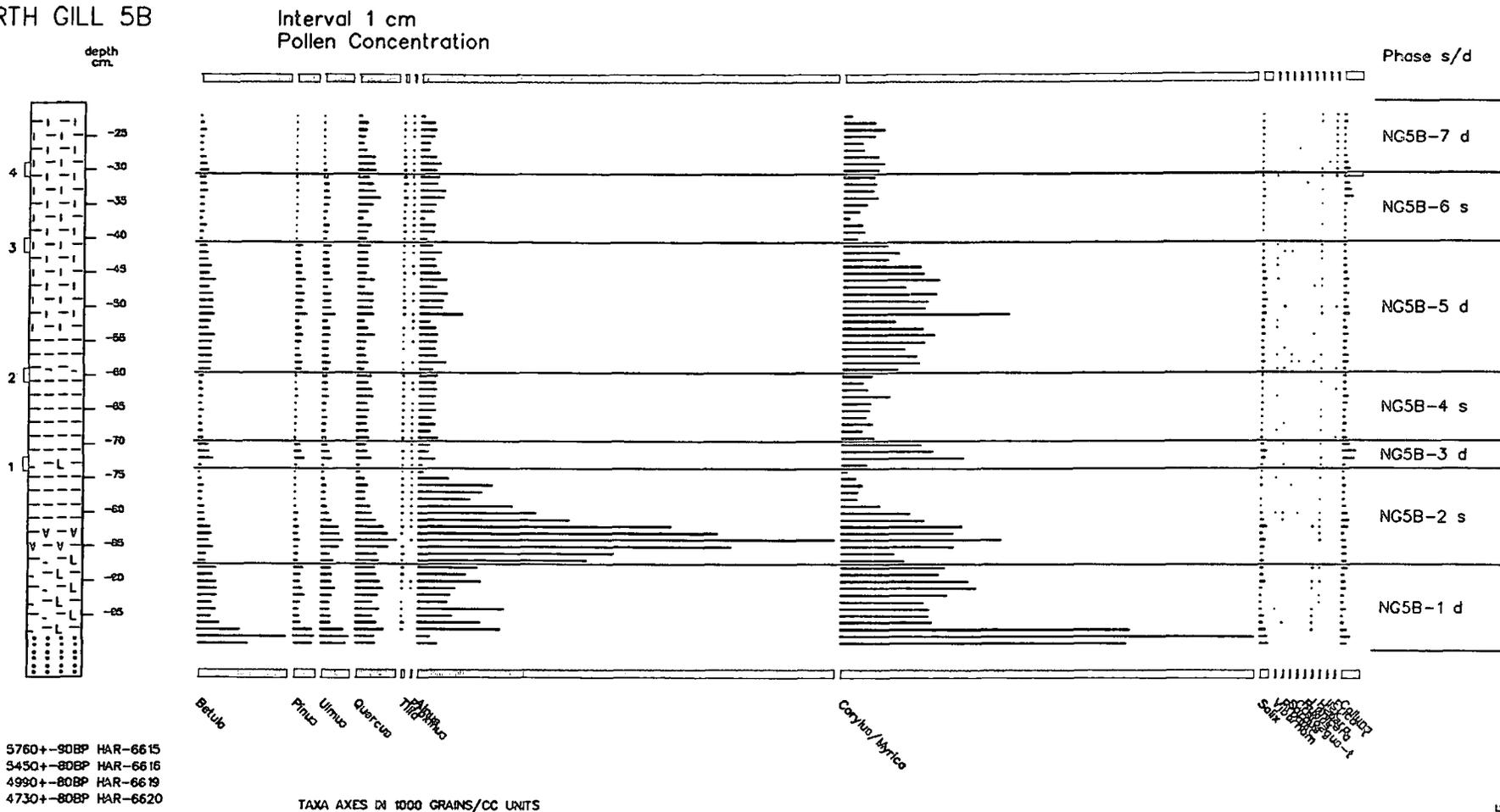


Figure 26. North Gill 5B: centimetre intervals, tree and shrub pollen concentrations.

NORTH GILL 5B

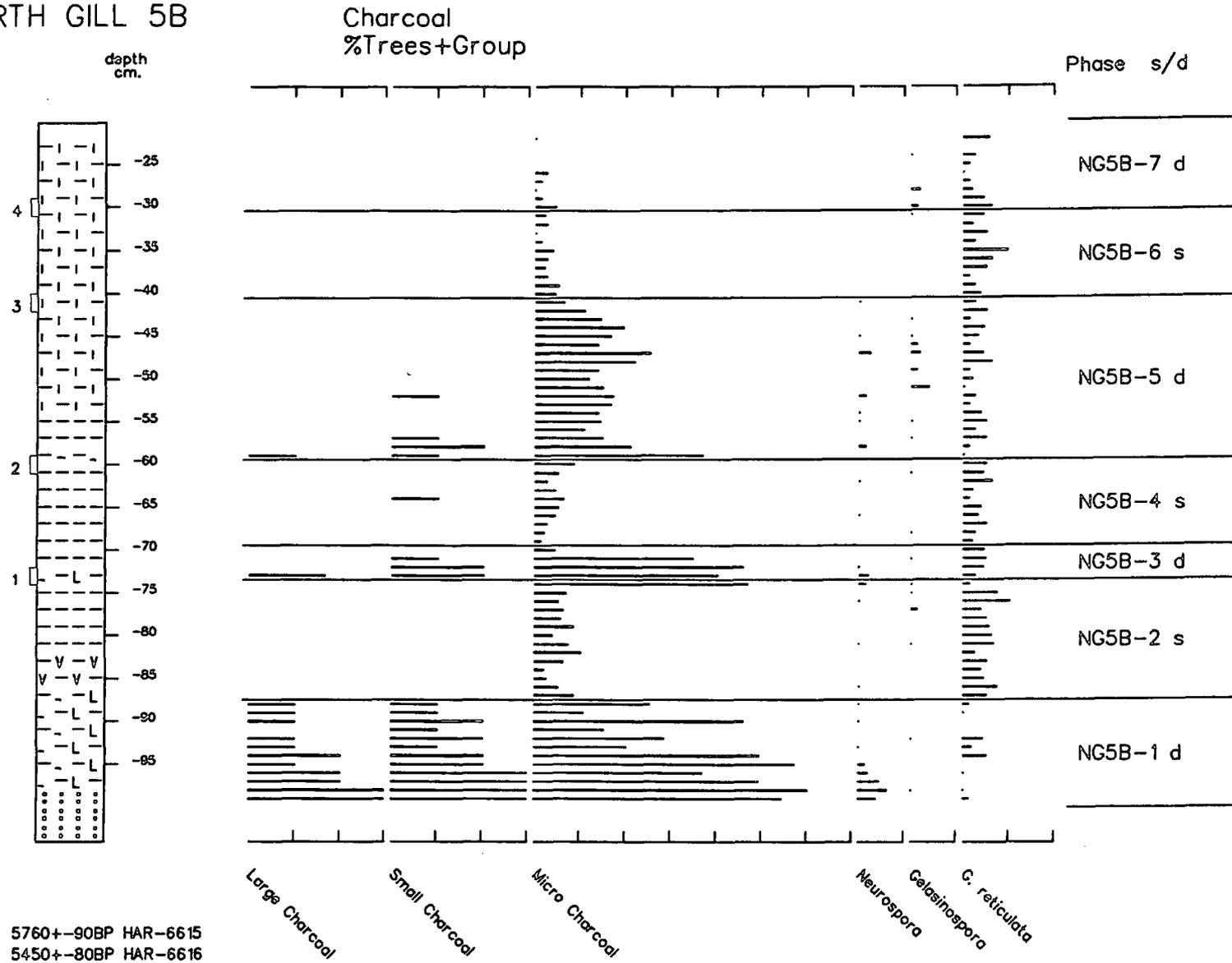
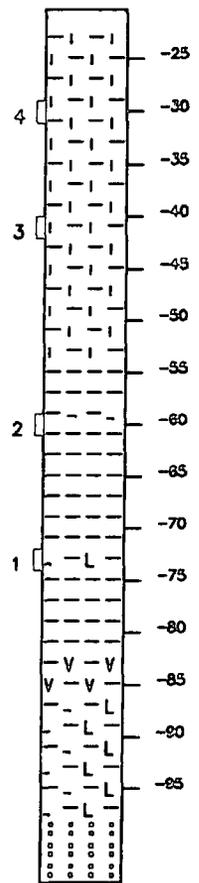
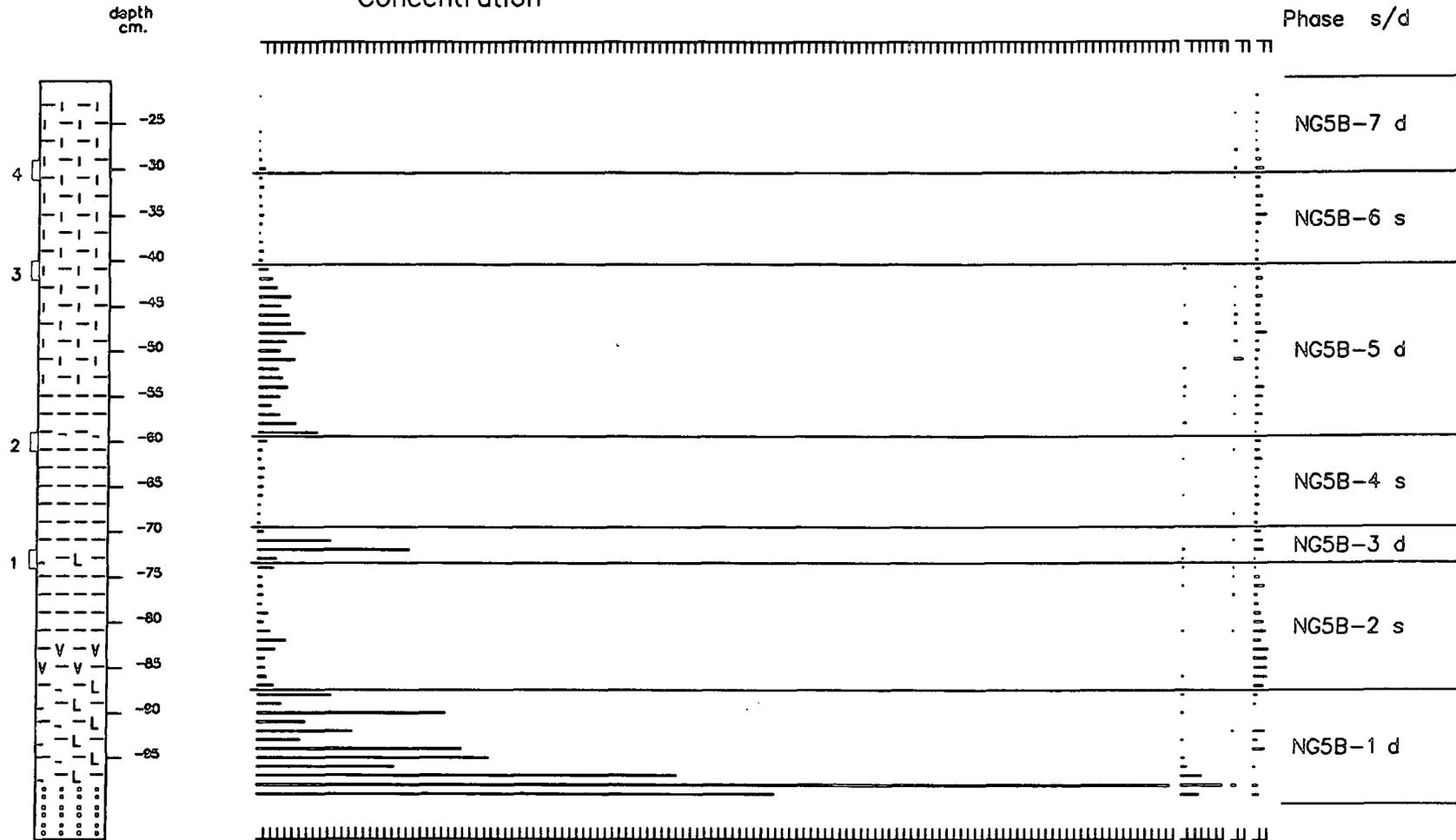


Figure 28. North Gill 5B: centimetre intervals, charcoal percentages.

NORTH GILL 5B



- 1 : 5760+-90BP HAR-6615
- 2 : 5450+-80BP HAR-6616
- 3 : 4990+-80BP HAR-6619
- 4 : 4730+-80BP HAR-6620

Micro Charcoal

Neurospora
G. reticulata
Gelasinospora

TAXA AXES IN 1000 GRAINS/CC UNITS

LS 1223

Figure 29. North Gill 5B: centimetre intervals, charcoal concentrations.

NGSB DECORANA

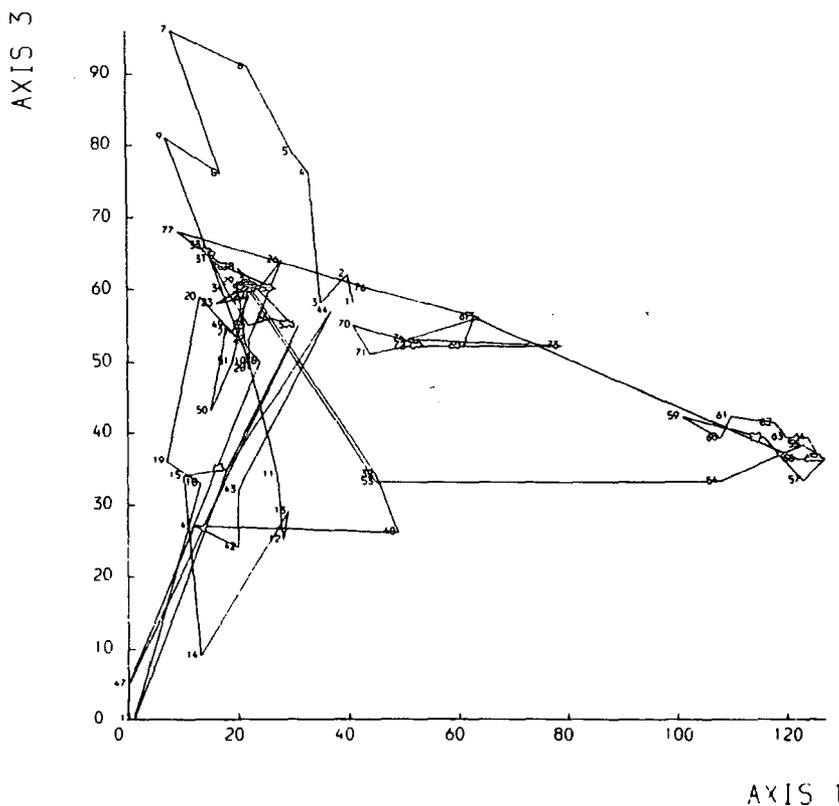
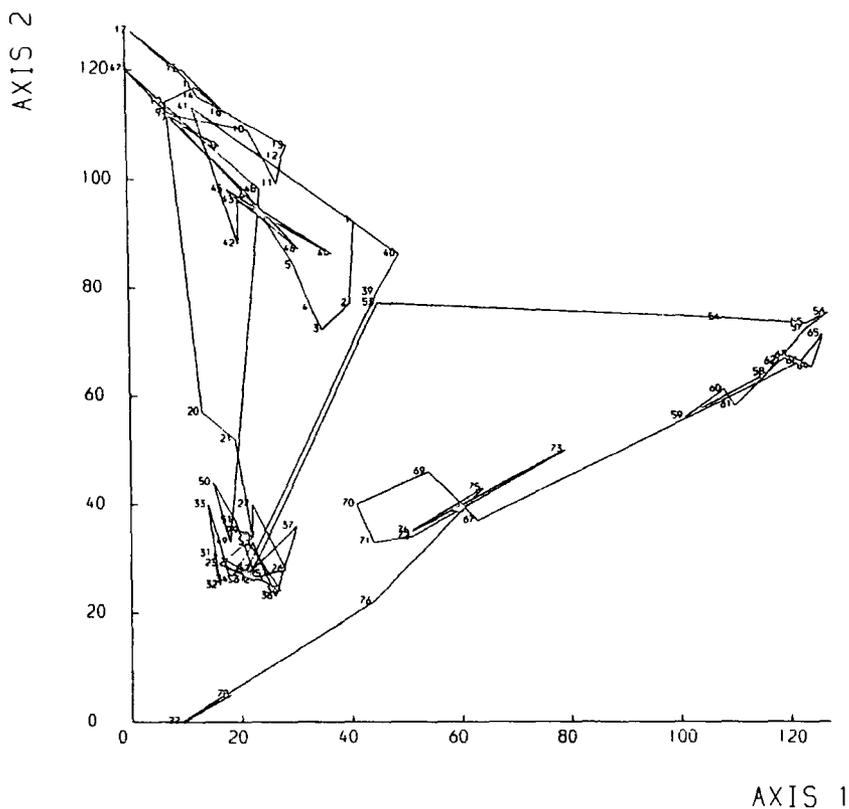


Figure 30. North Gill 5B: DECORANA plots of centimetre intervals pollen spectra.

NORTH GILL 5B (D2)

Interval 1 mm
% Trees+Group

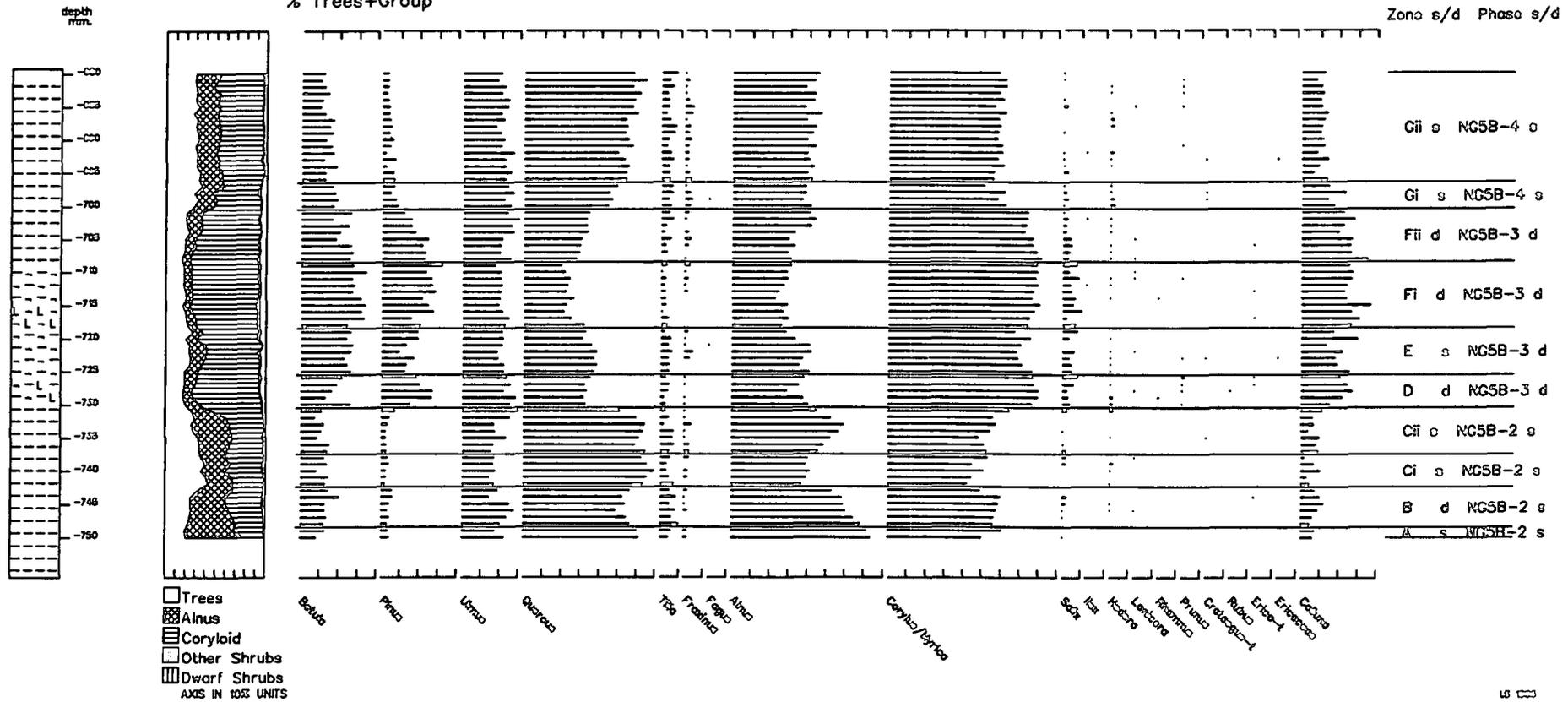
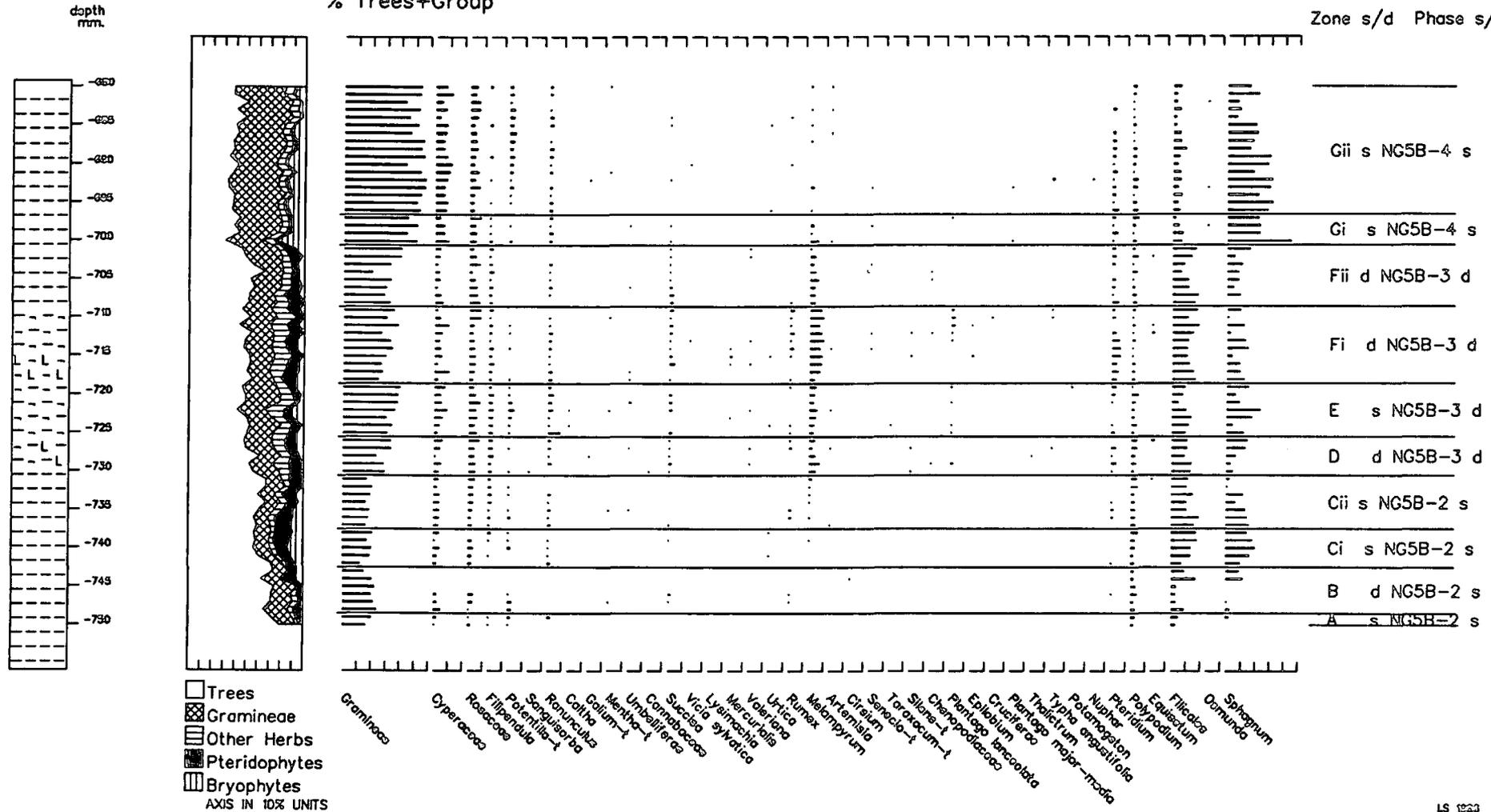


Figure 31. North Gill 5B, phase D2: millimetre intervals; tree and shrub pollen percentages.

NORTH GILL 5B (D2)

Interval 1 mm
% Trees+Group

Zone s/d Phase s/d



LS 1023

Figure 32. North Gill 5B, phase D2: millimetre intervals, herb pollen and spore percentages.

NORTH GILL 5B (D2)

Interval 1 mm
Pollen Concentration

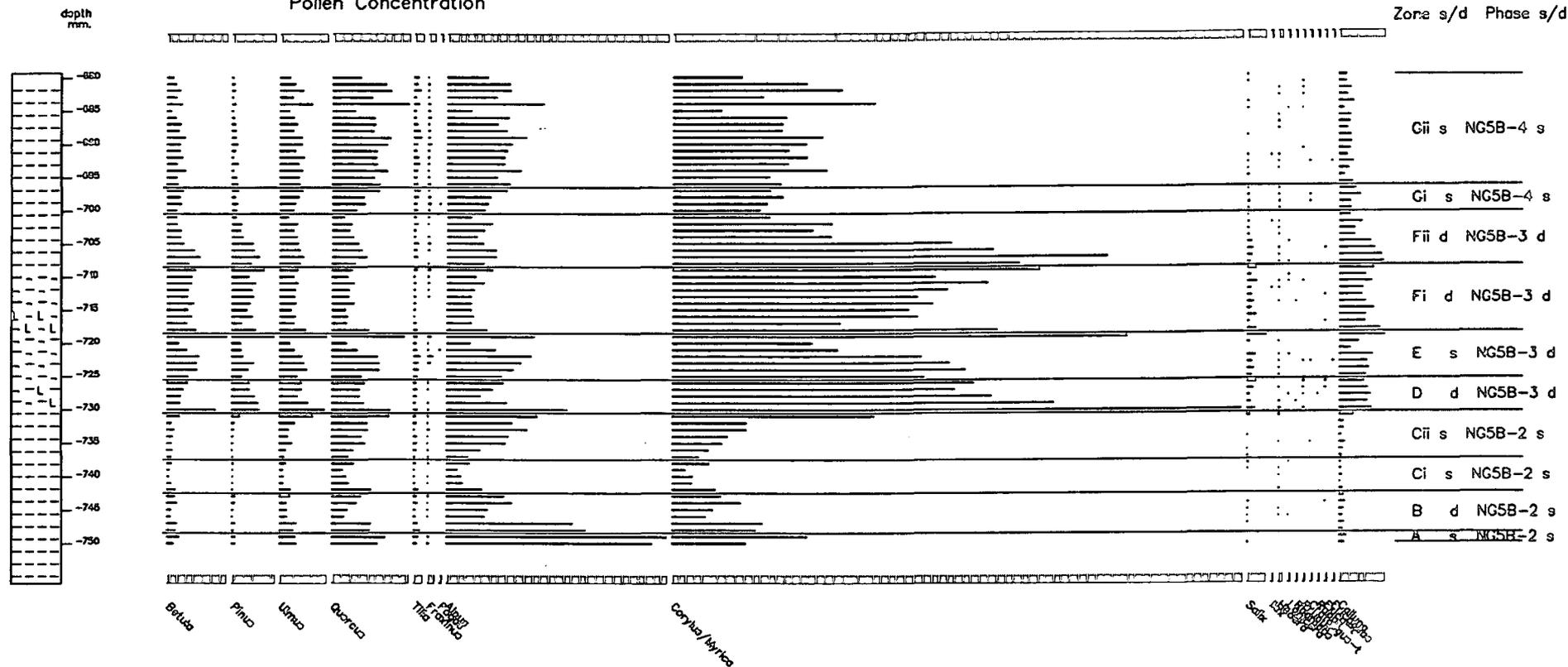


Figure 33. North Gill 5B, phase D2: millimetre intervals, tree and shrub pollen concentrations.

NORTH GILL 5B (D2)

1mm Charcoal
% Trees+Group

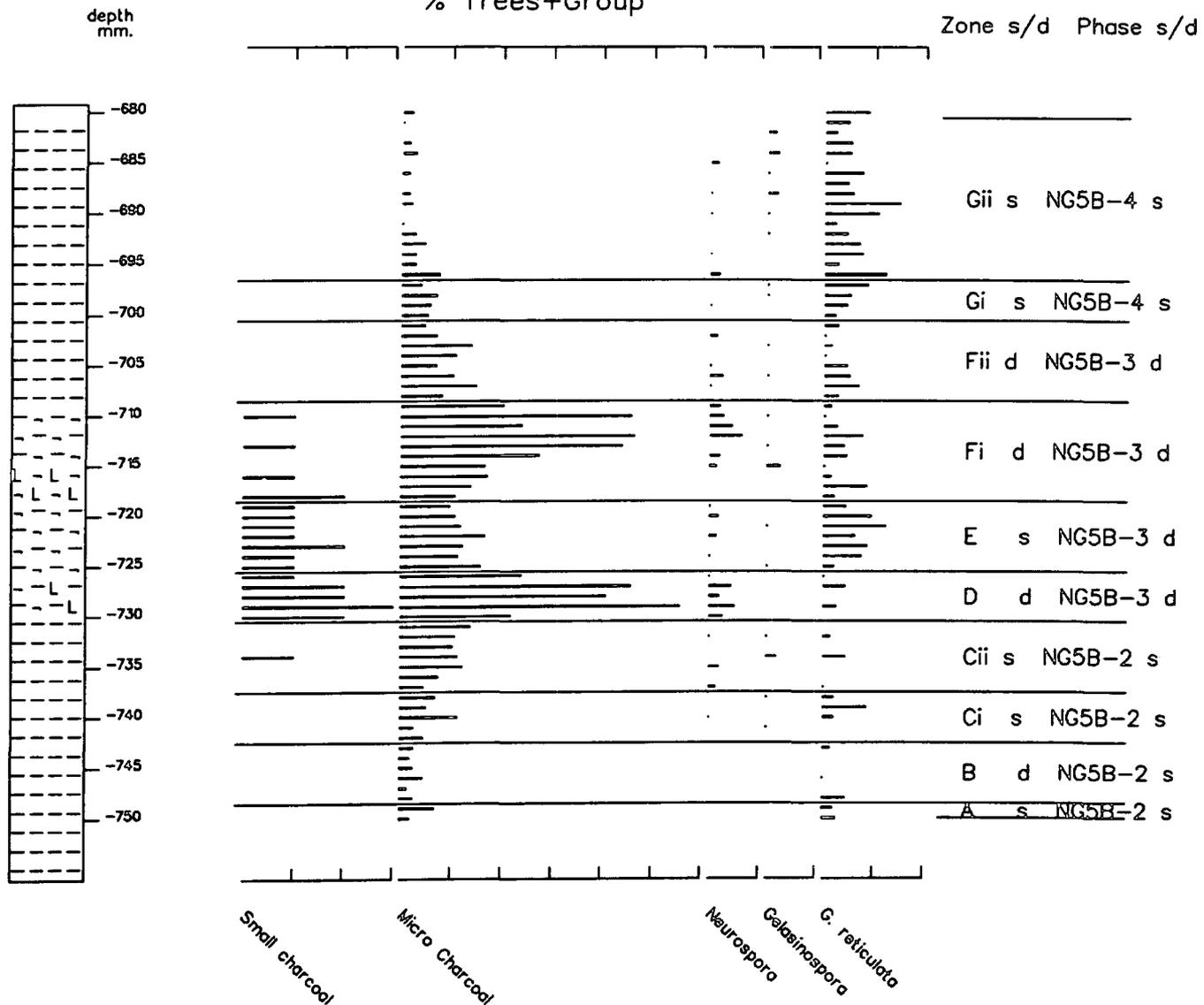


Figure 35. North Gill 5B, phase D2: millimetre intervals charcoal percentages.

NORTH GILL 5B (D2) 1mm Charcoal Concentration

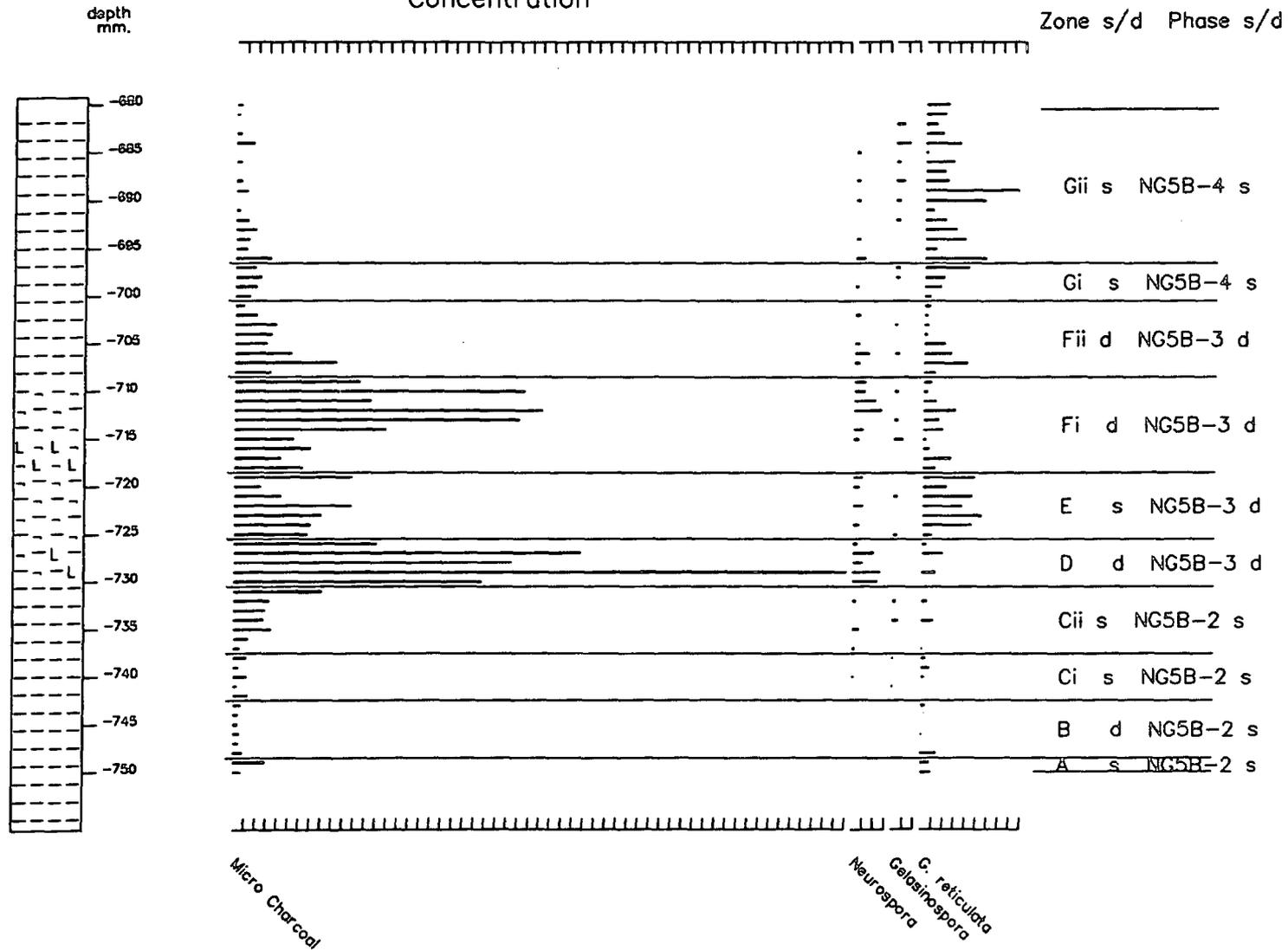


Figure 36. North Gill 5B, phase D2: millimetre intervals, charcoal concentrations.

NORTH GILL 1A

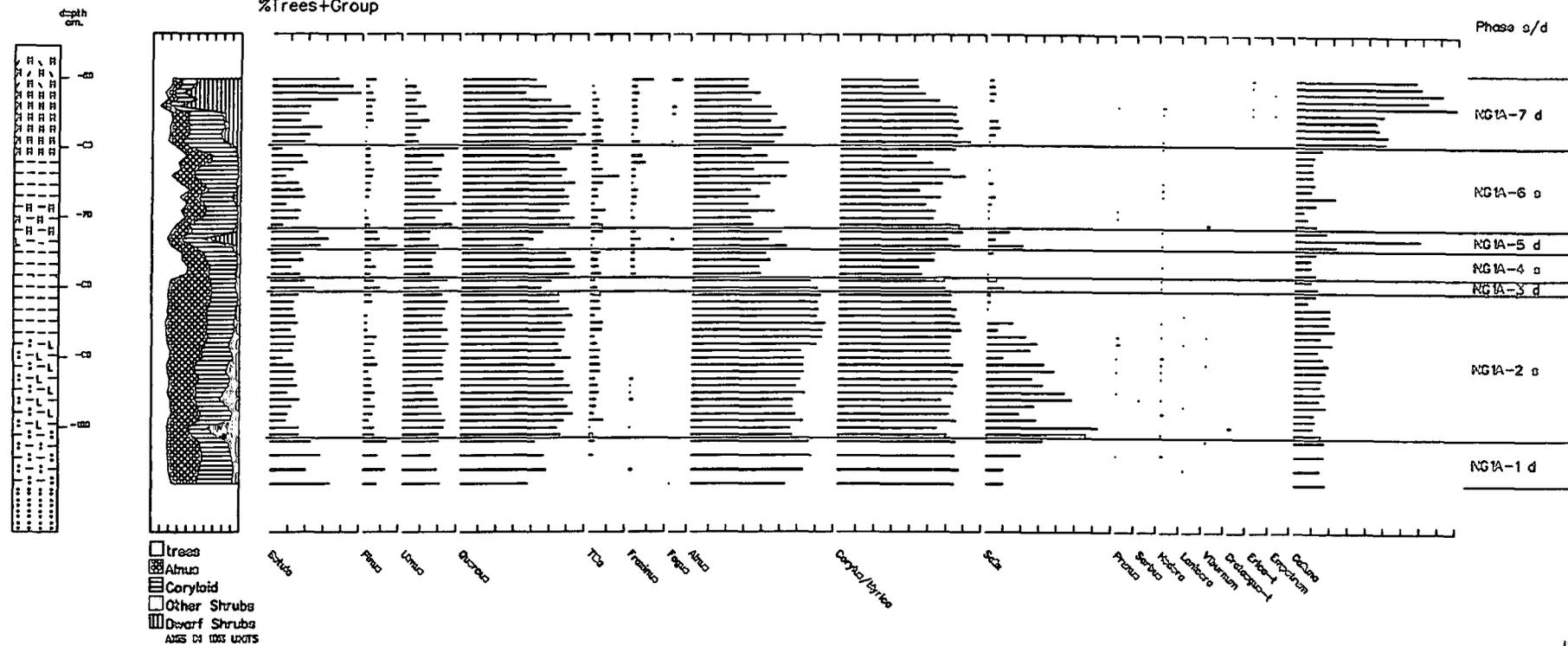
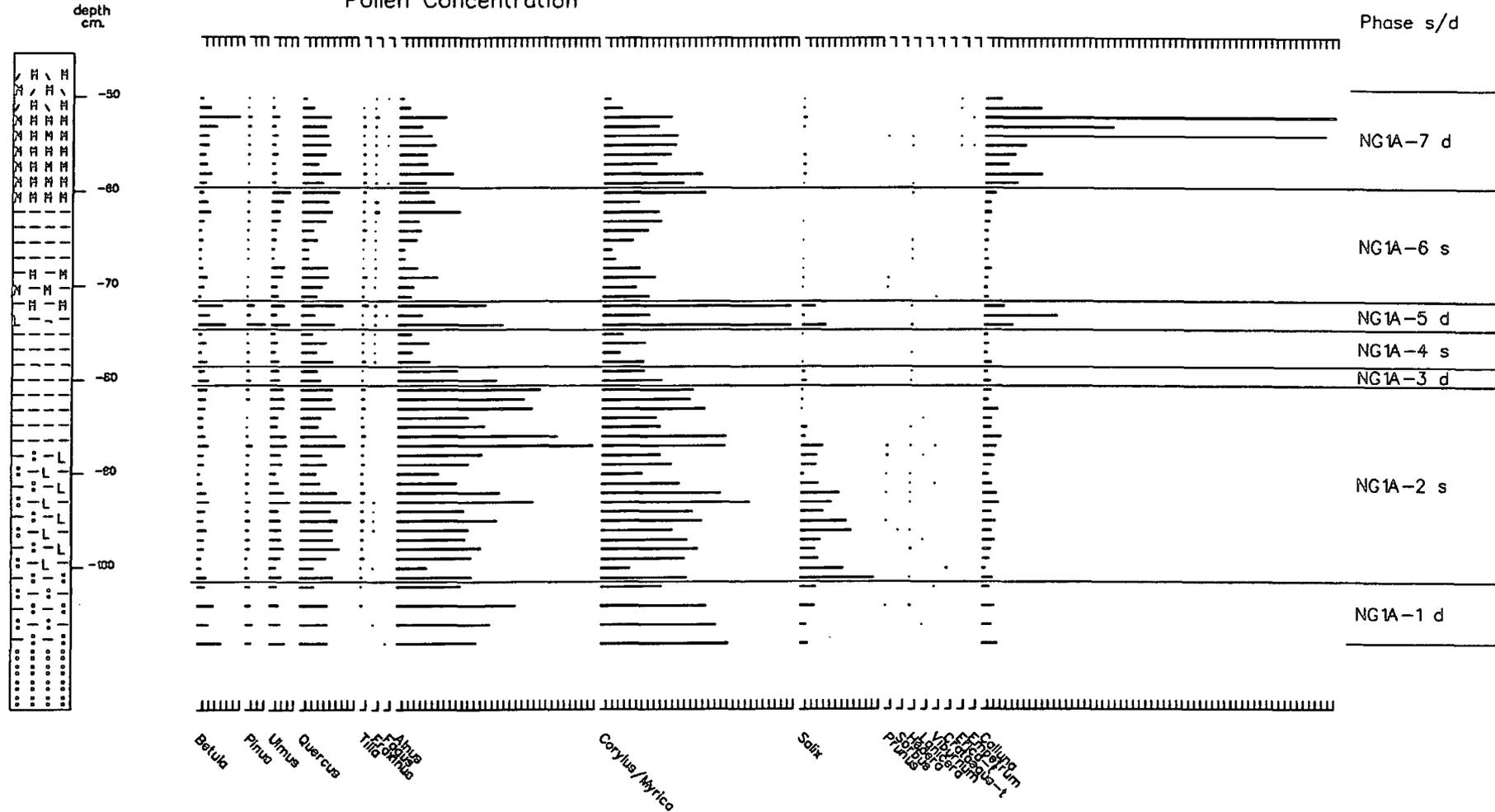


Figure 37. North Gill 1A: centimetre intervals, tree and shrub pollen percentages.

NORTH GILL 1A

Interval 1 cm
Pollen Concentration



TAXA AXES IN 1000 GRAINS/CC UNITS

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Figure 39. North Gill 1A: centimetre intervals, tree and shrub pollen concentrations.

NORTH GILL 1A

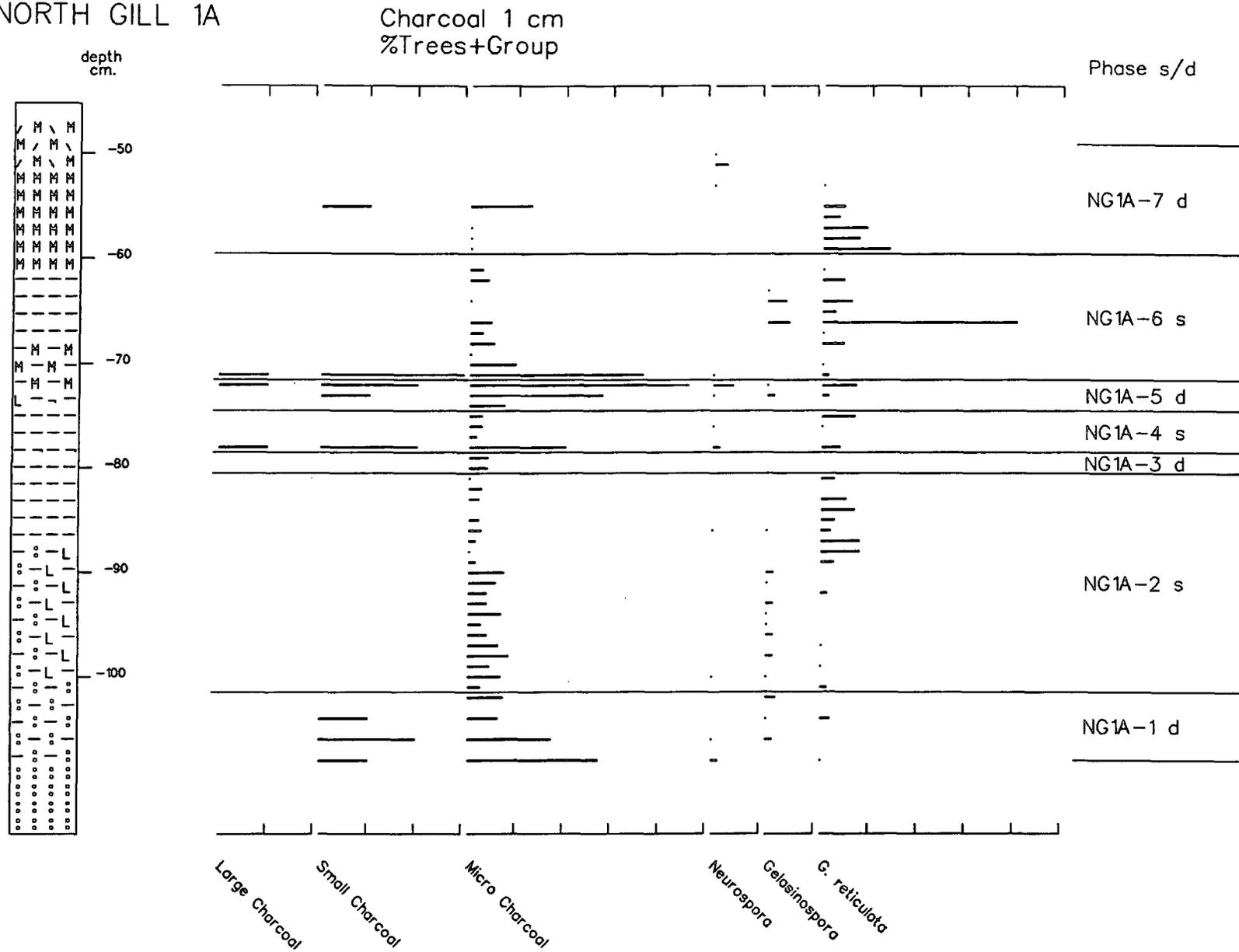
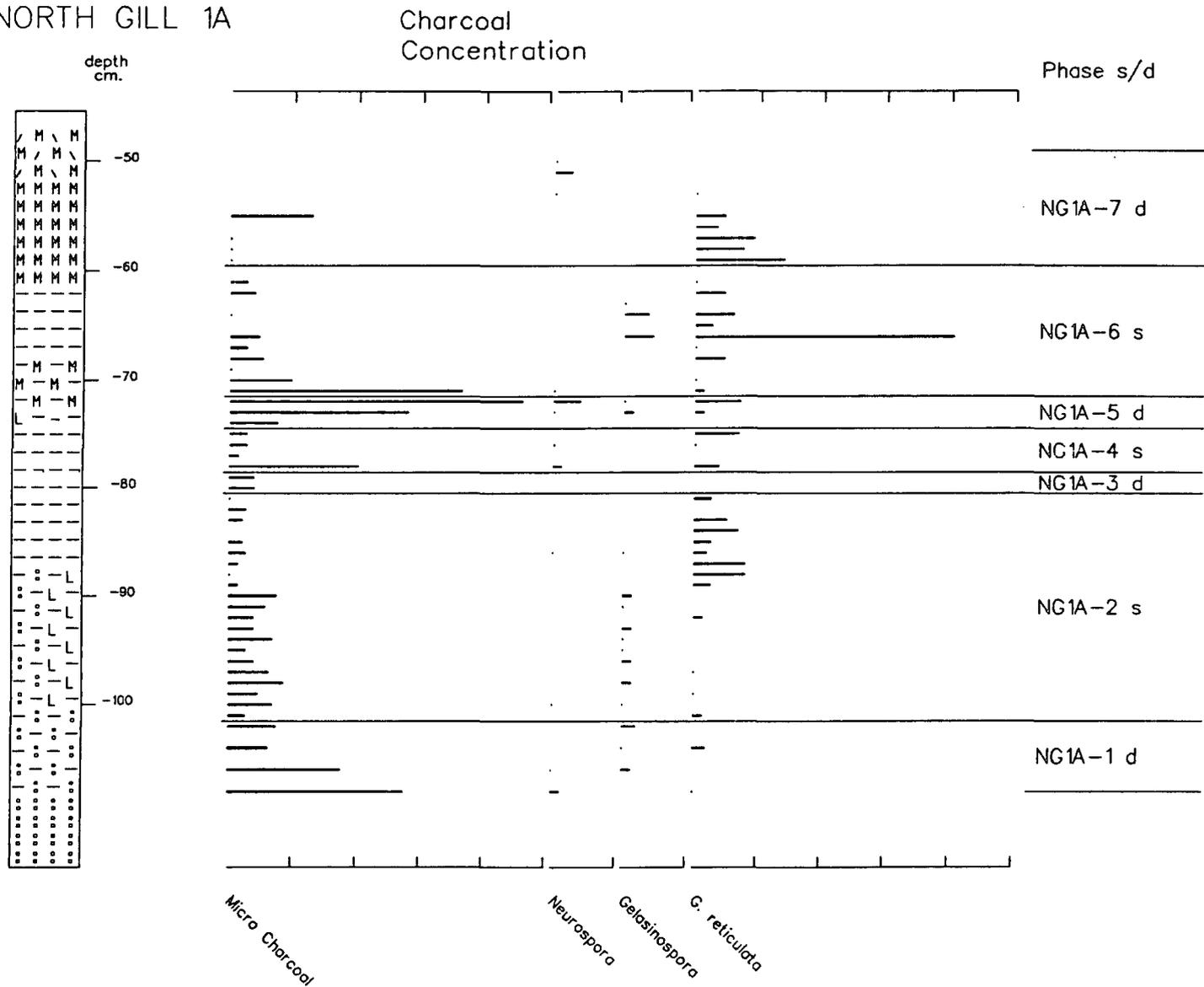


Figure 41. North Gill 1A: centimetre intervals, charcoal percentages.

NORTH GILL 1A

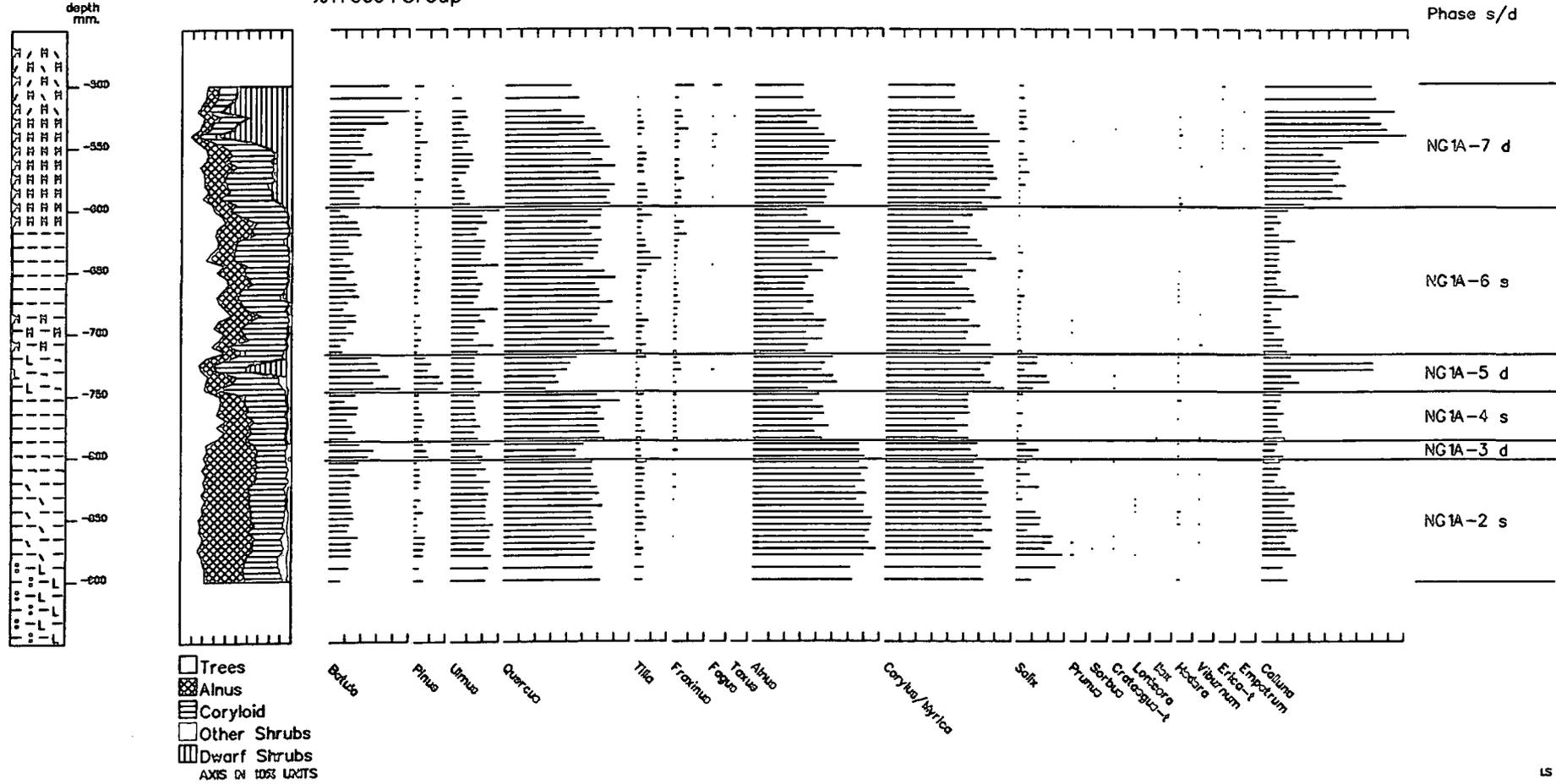


I.S. 1986

Figure 42. North Gill 1A: centimetre intervals, charcoal concentrations.

NORTH GILL 1A

Interval 5 mm
%Trees+Group



LS 1236

Figure 43. North Gill 1A: 5 millimetre intervals, tree and shrub pollen percentages.

NORTH GILL 1A

Interval 5 mm
%Trees+Group

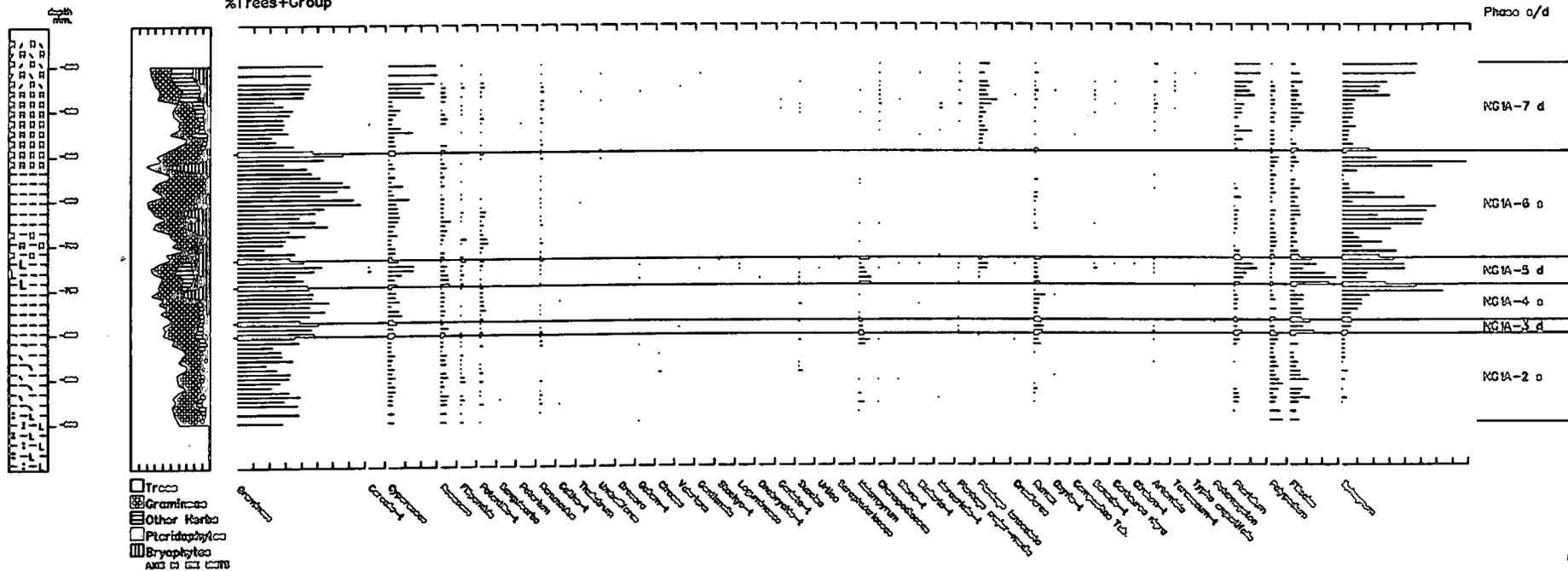
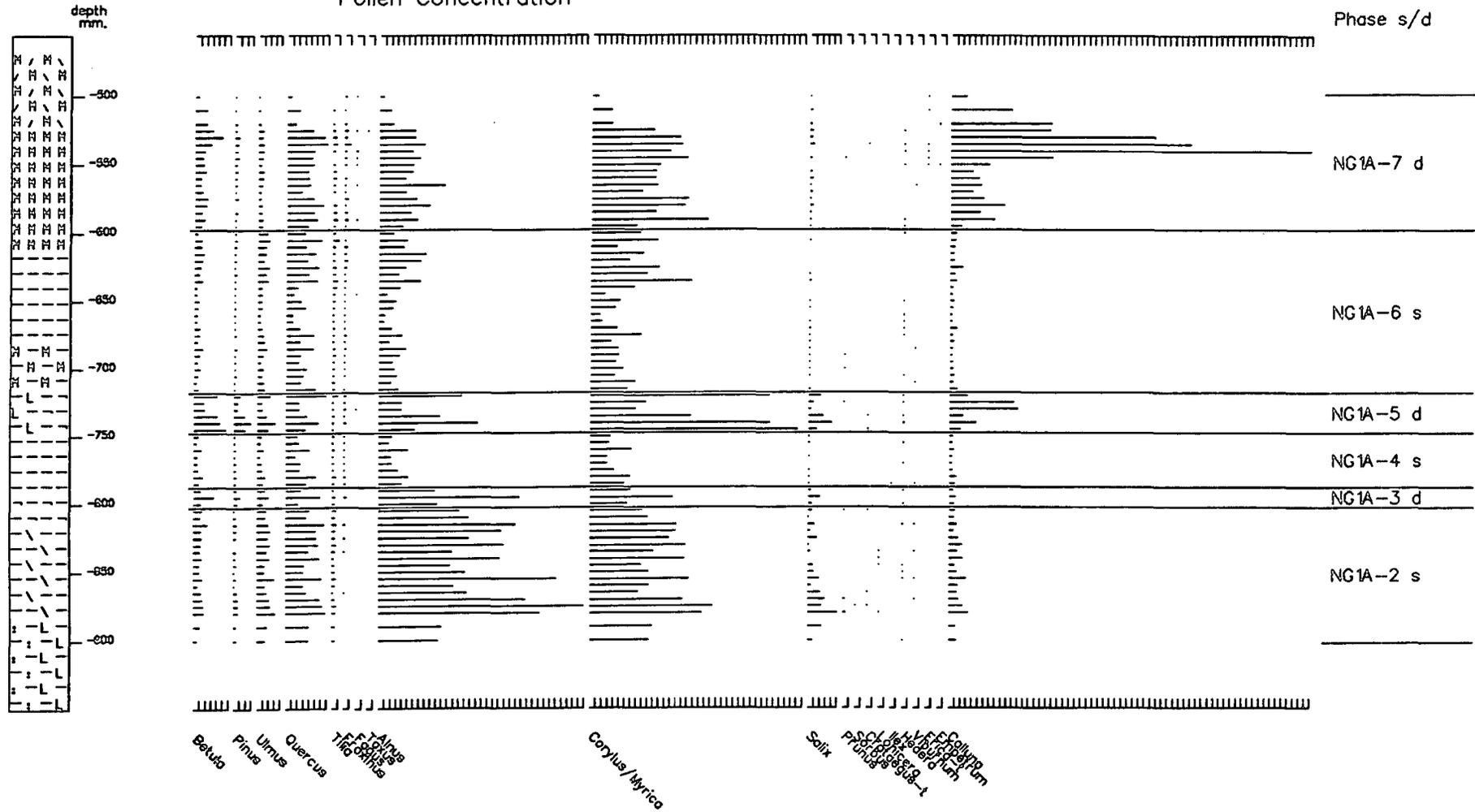


Figure 44. North Gill 1A: 5 millimetre intervals, herb pollen and spore percentages.

NORTH GILL 1A

Interval 5 mm
Pollen Concentration



TAXA AXES IN 1000 GRAINS/CC UNITS

LS 1986

Figure 45. North Gill 1A: 5 millimetre intervals, tree and shrub pollen concentrations.

NORTH GILL 1A

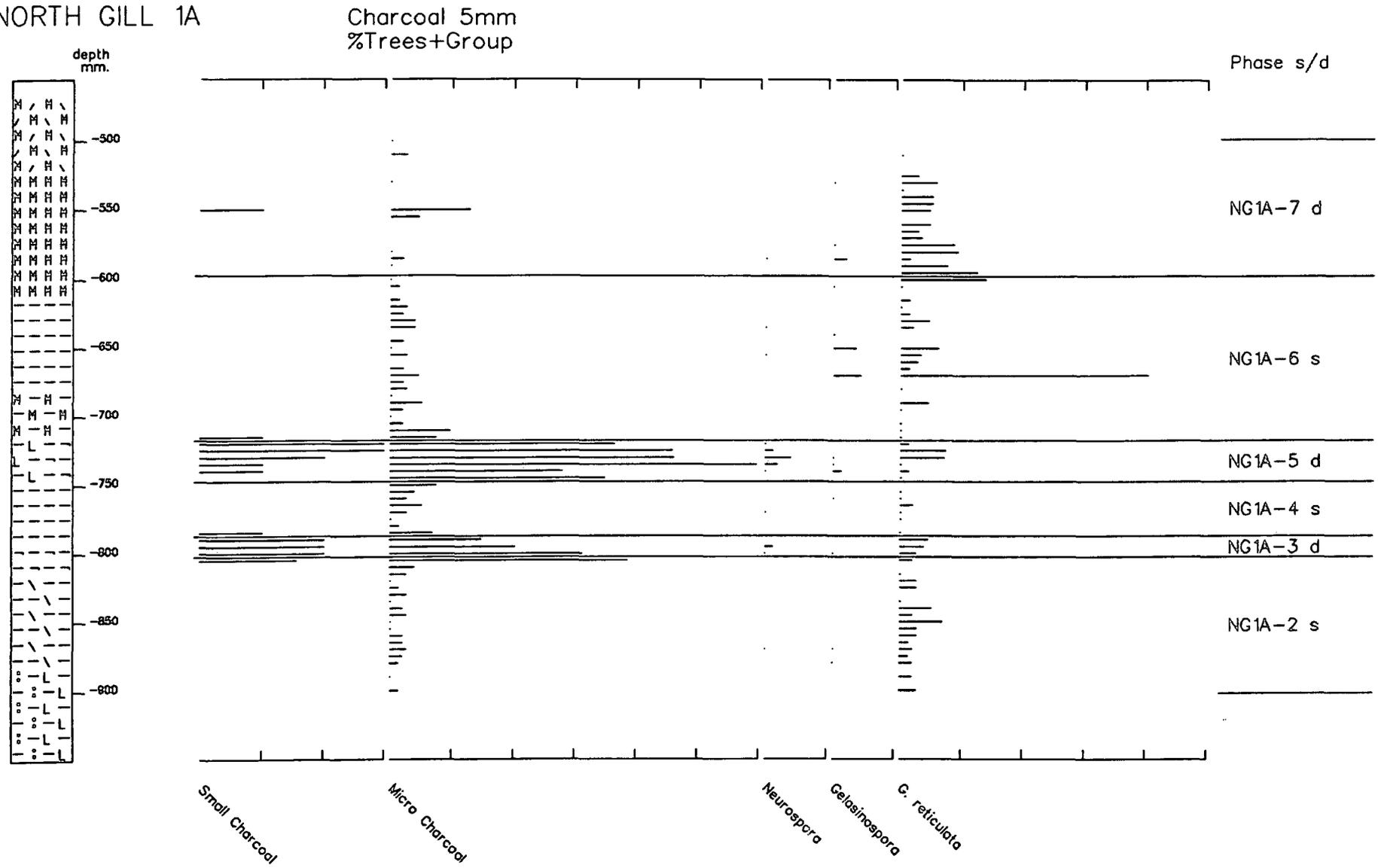
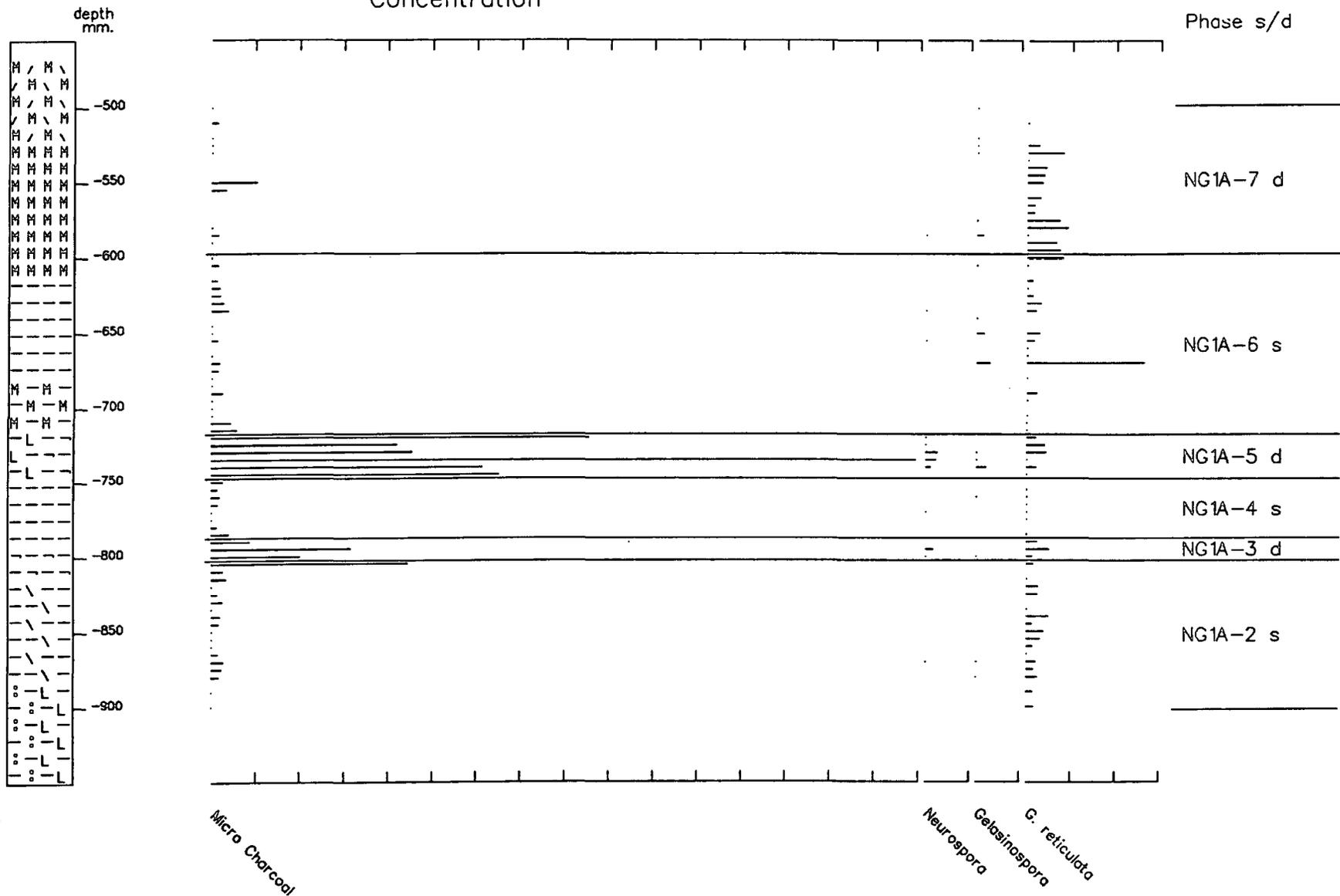


Figure 47. North Gill 1A: 5 millimetre intervals, charcoal percentages.

NORTH GILL 1A

Charcoal 5mm
Concentration



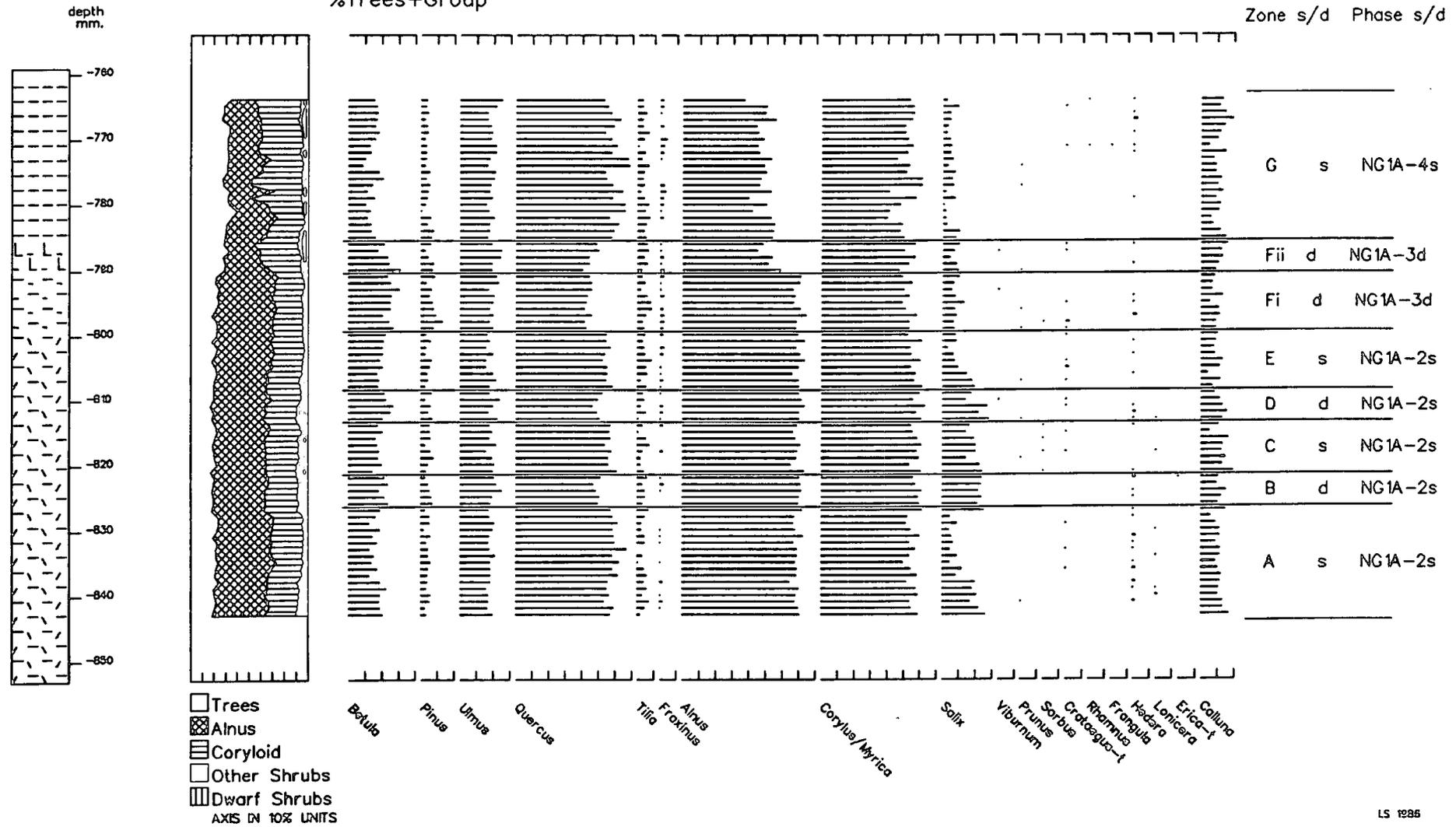
TAXA AXES IN 1000 GRAINS/CC UNITS

LS 1986

Figure 48. North Gill 1A: 5 millimetre intervals, charcoal concentrations.

NORTH GILL 1A (D2)

Interval 1 mm
%Trees+Group

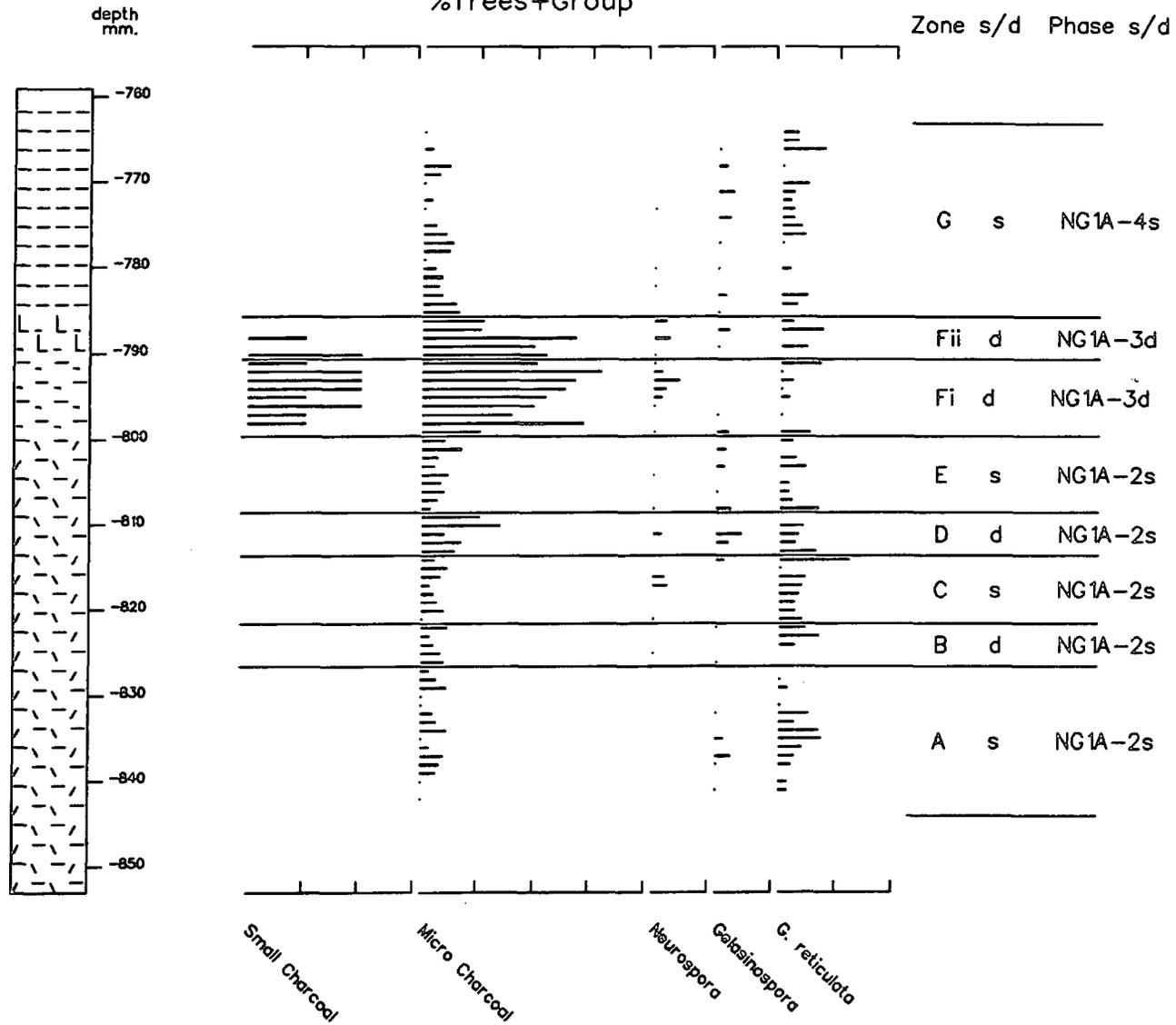


LS 1286

Figure 49. North Gill 1A: phase D2, millimetre intervals, tree and shrub pollen percentages.

NORTH GILL 1A (D2)

1mm Charcoal
%Trees+Group



LS 1986

Figure 53. North Gill 1A, phase D2: millimetre intervals, charcoal percentages.

NORTH GILL 1A (D2)

1mm Charcoal
Concentration

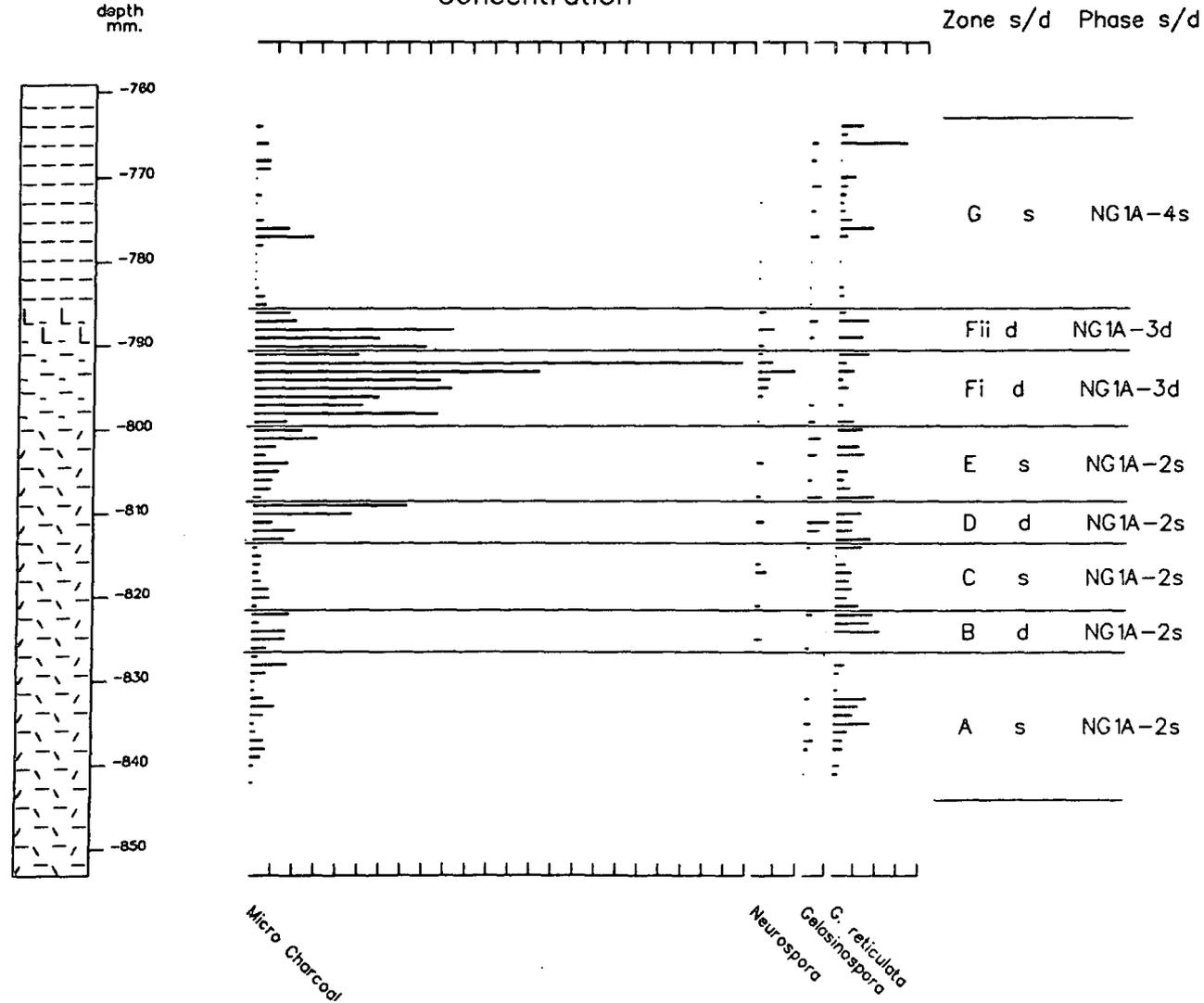


Figure 54. North Gill 1A, phase D2: millimetre intervals, charcoal concentrations.

NORTH GILL 1A (D3)

Interval 2.5 mm
%Trees+Group

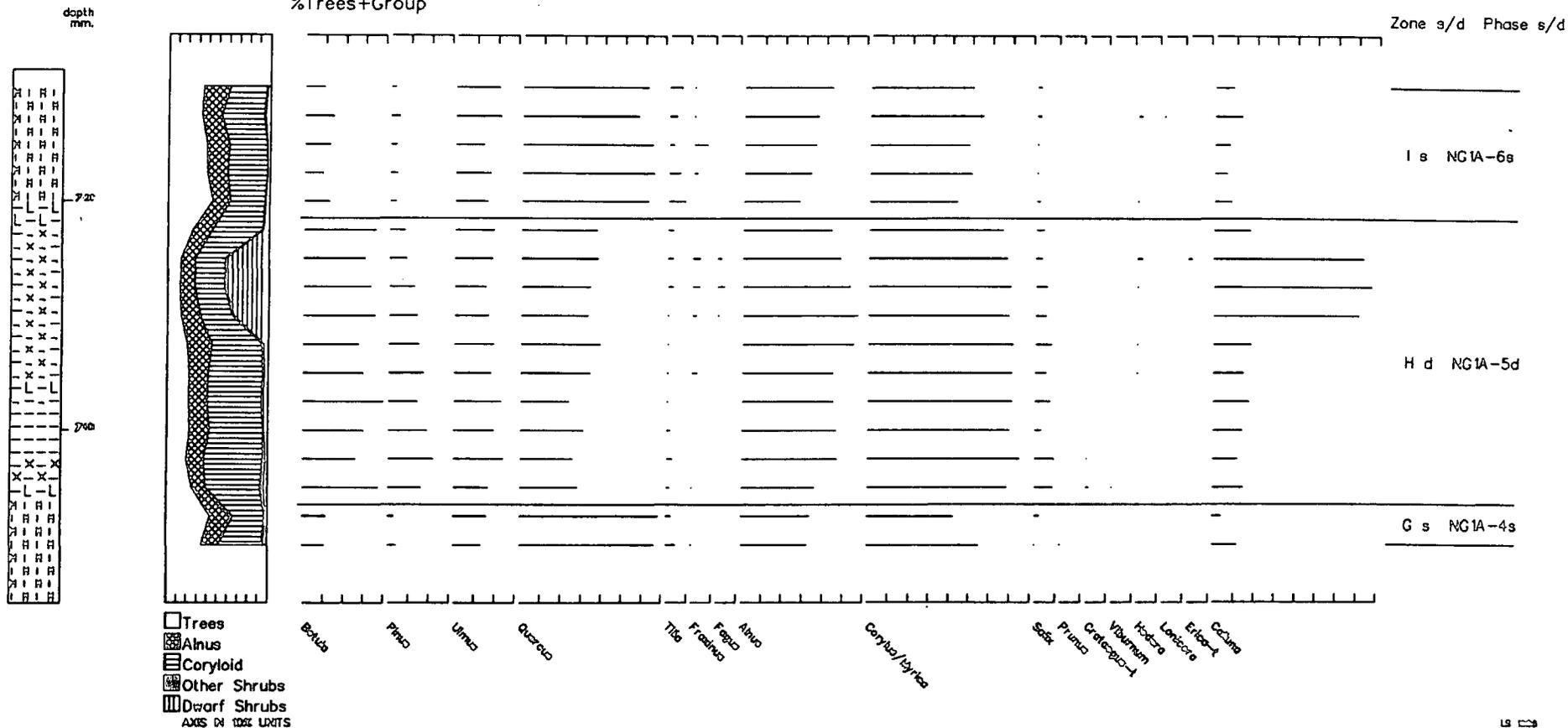


Figure 55. North Gill 1A, phase D3: 2.5 millimetre intervals, tree and shrub pollen percentages.

NORTH GILL 1A (D3)

Interval 2.5 mm
%Trees+Group

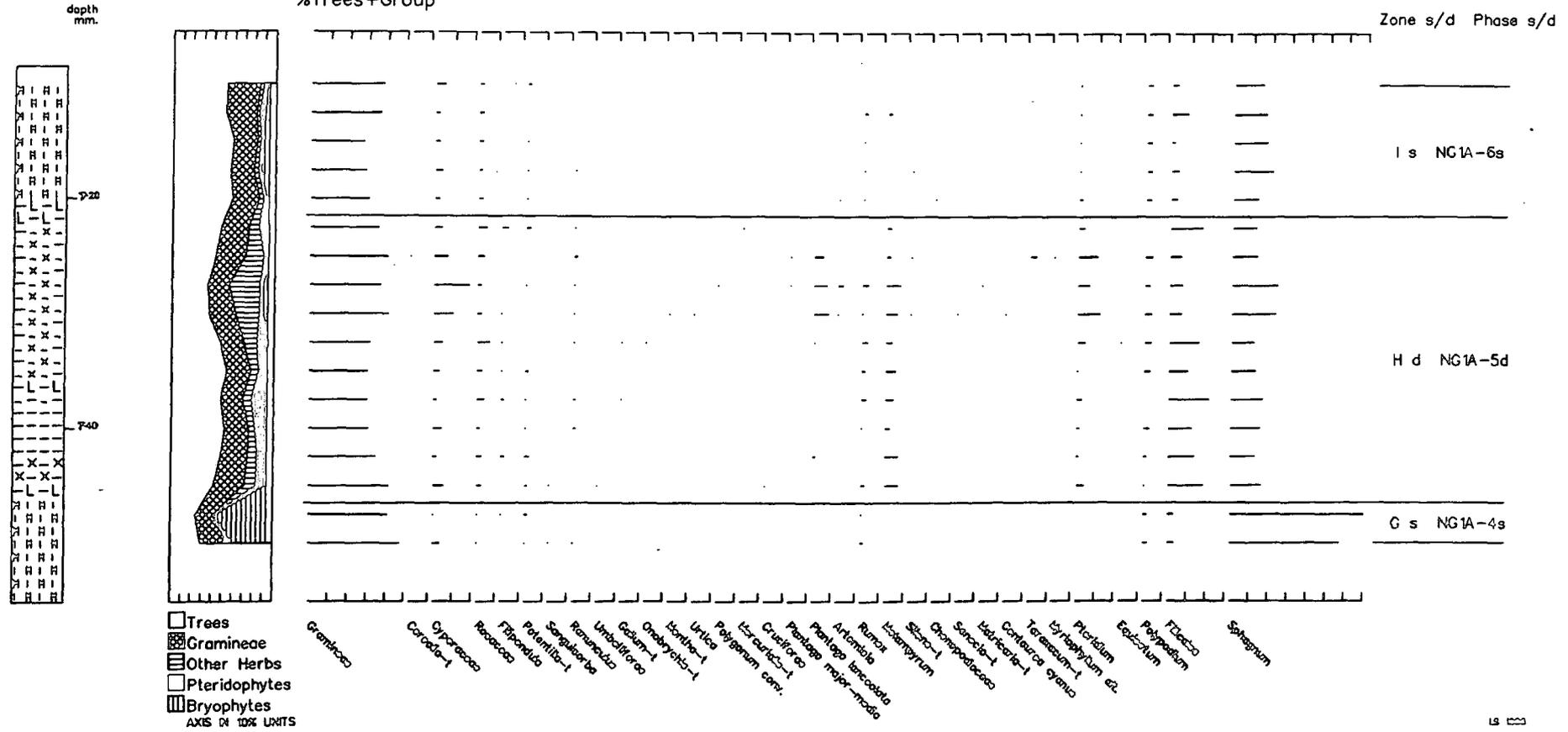
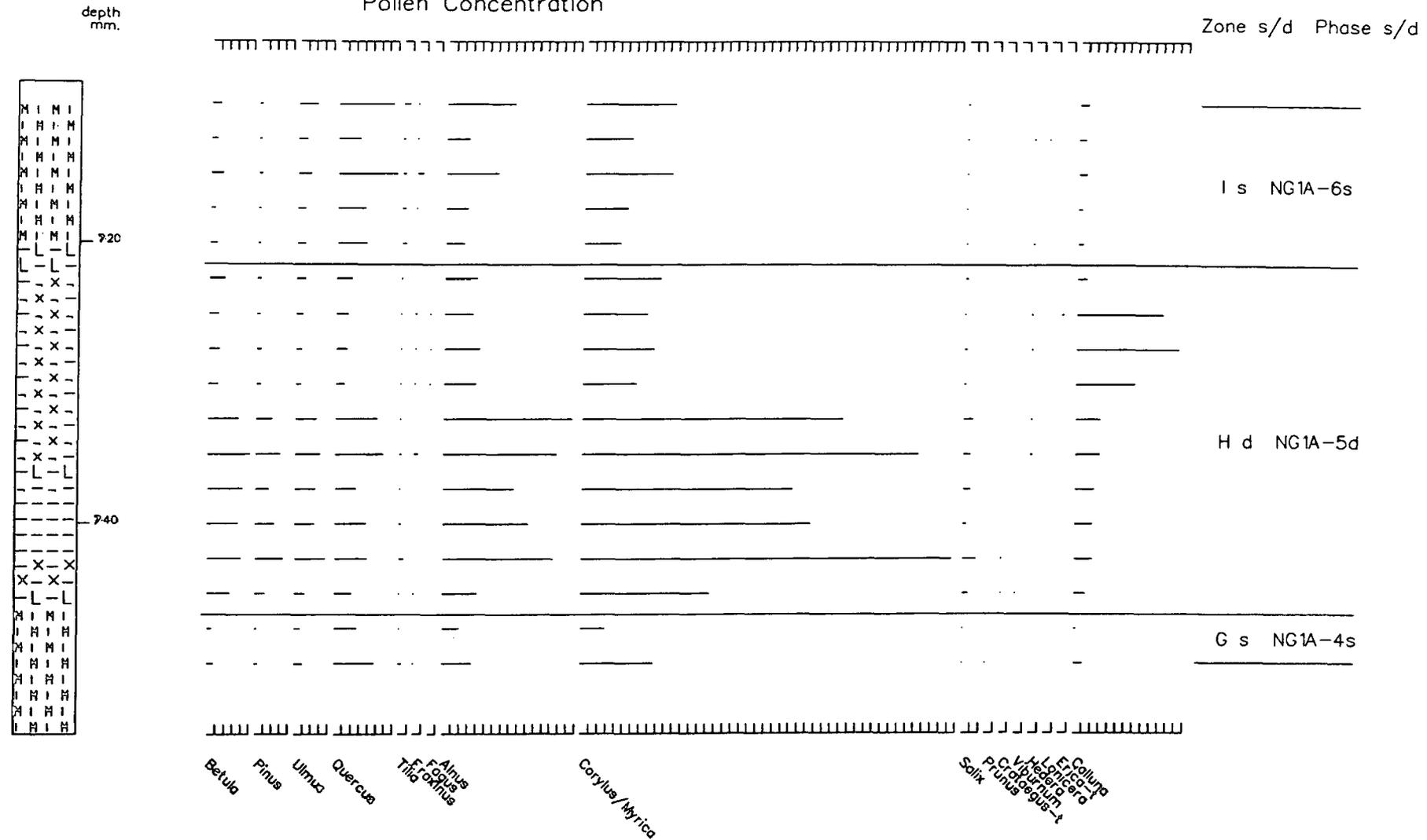


Figure 56. North Gill 1A, phase D3: 2.5 millimetre intervals, herb pollen and spore percentages.

NORTH GILL 1A (D3) Interval 2.5 mm
 Pollen Concentration



TAXA AXES IN 1000 GRAINS/CC UNITS

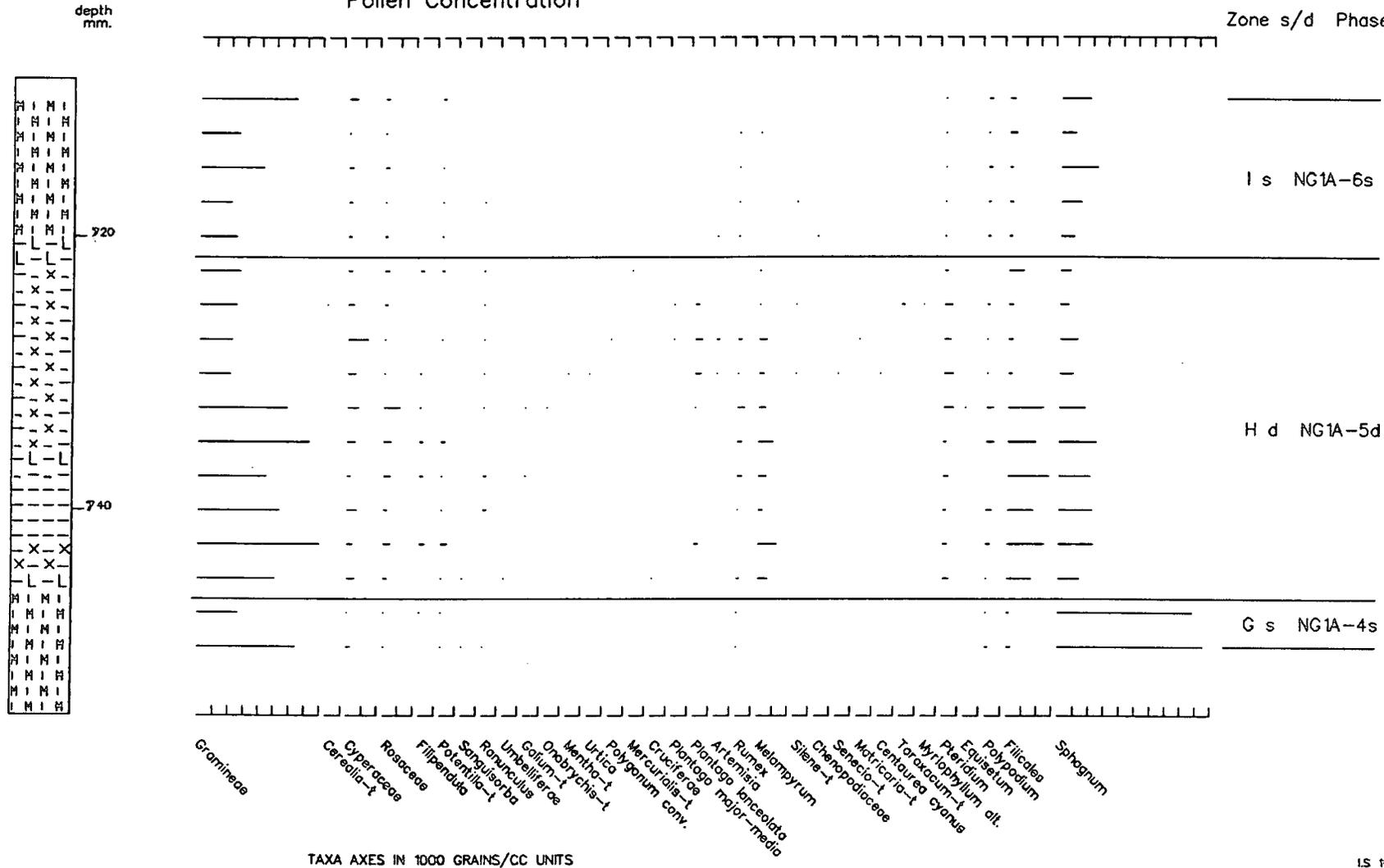
LS 1986

Figure 57. North Gill 1A, phase D3: 2.5 millimetre intervals, tree and shrub pollen concentrations.

NORTH GILL 1A (D3)

Interval 2.5 mm
Pollen Concentration

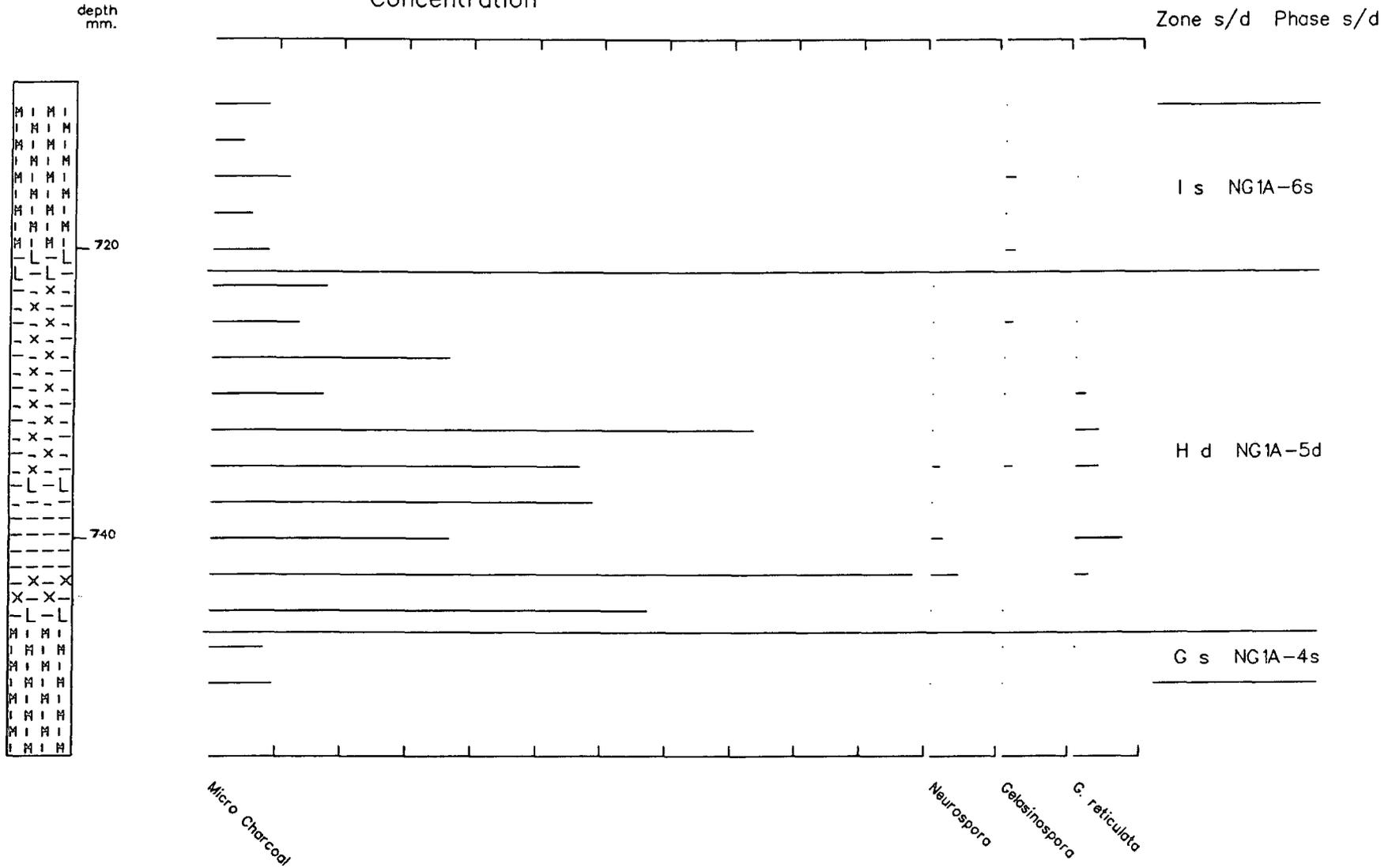
Zone s/d Phase s/d



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Figure 58. North Gill 1A, phase D3: 2.5 millimetre intervals, herb pollen and spore concentrations.

NORTH GILL 1A (D3) Charcoal 2.5 mm Concentration



TAXA AXES IN 1000 GRAINS/CC UNITS

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Figure 60. North Gill 1A, phase D3: 2.5 millimetre intervals, charcoal concentrations.

NORTH GILL 1A S3/D3 FRPA Quadrants
%Trees+Group

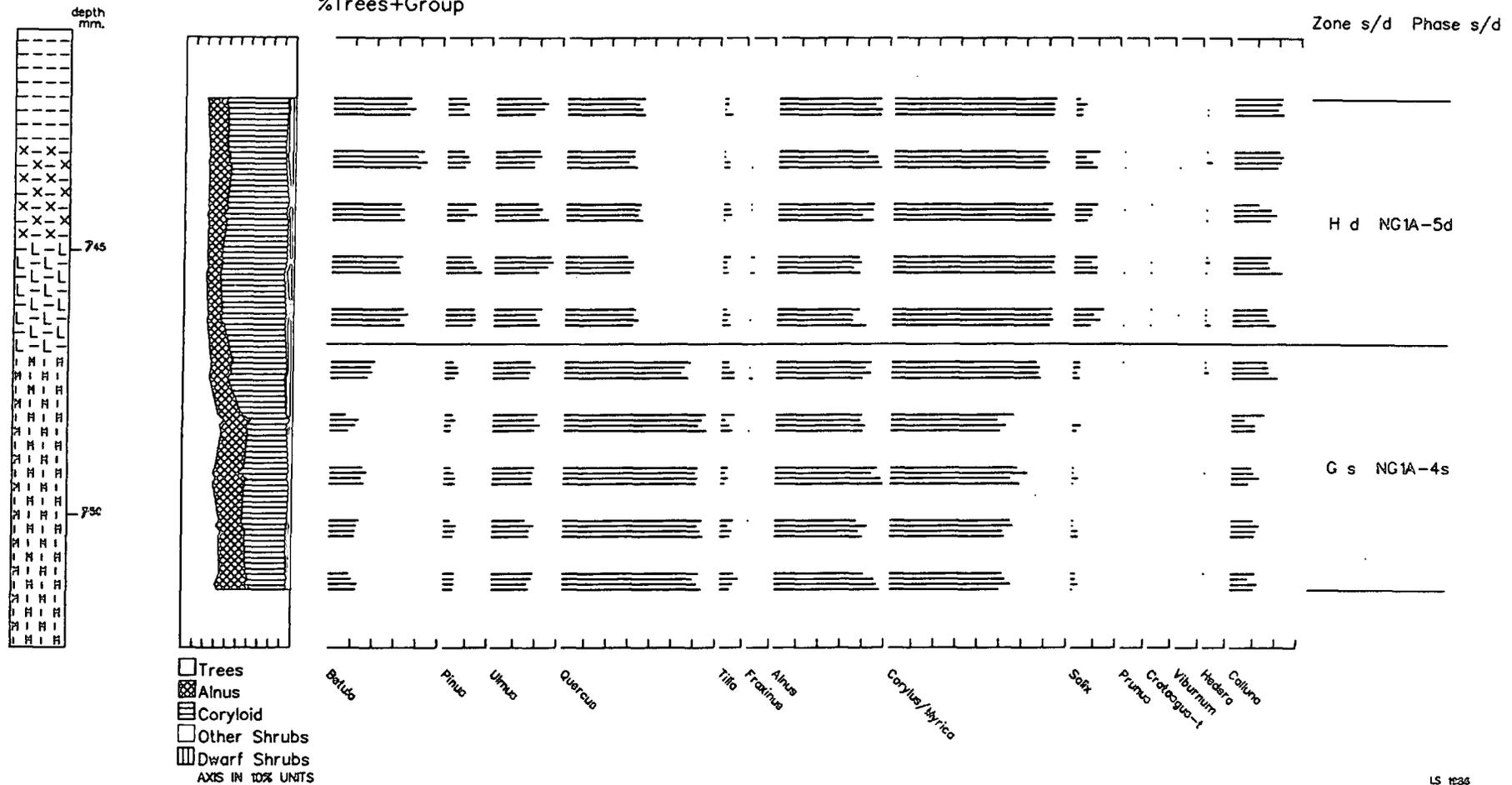
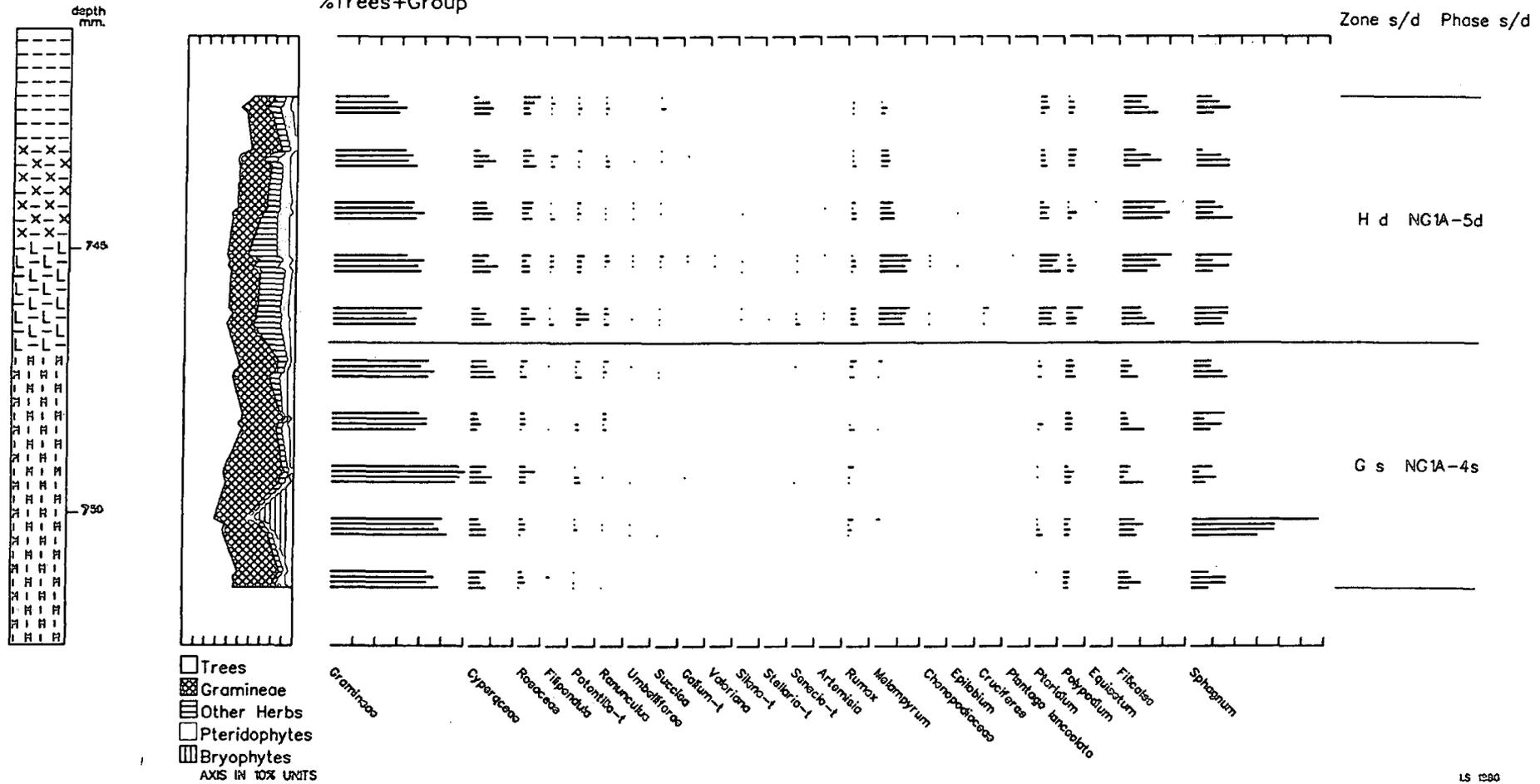


Figure 61. North Gill 1A, phase S3/D3: millimetre quadrants, tree and shrub pollen percentages.

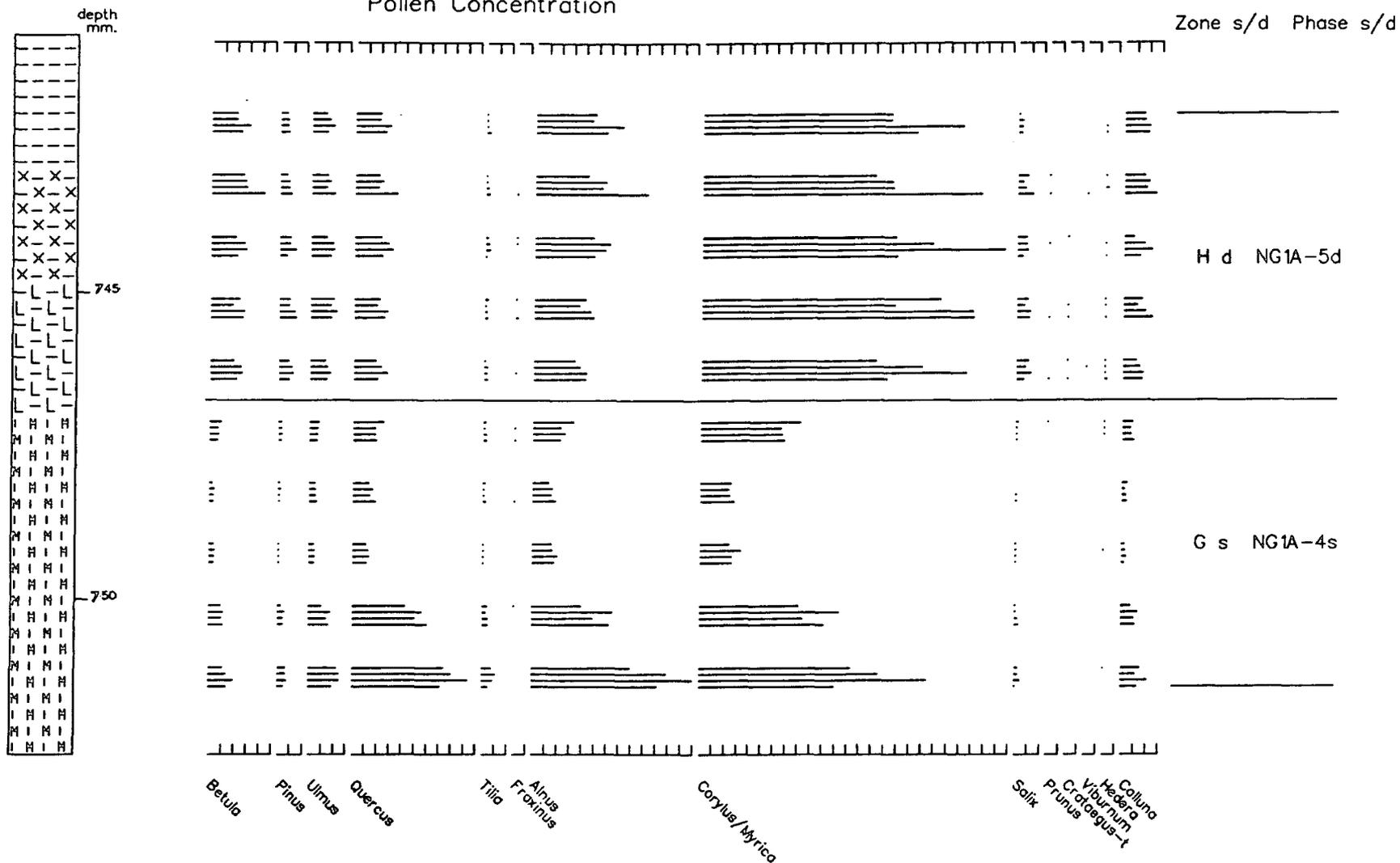
NORTH GILL 1A S3/D3 FRPA Quadrants
%Trees+Group



LS 1590

Figure 62. North Gill 1A, phase S3/D3: millimetre quadrants, herb pollen and spore percentages.

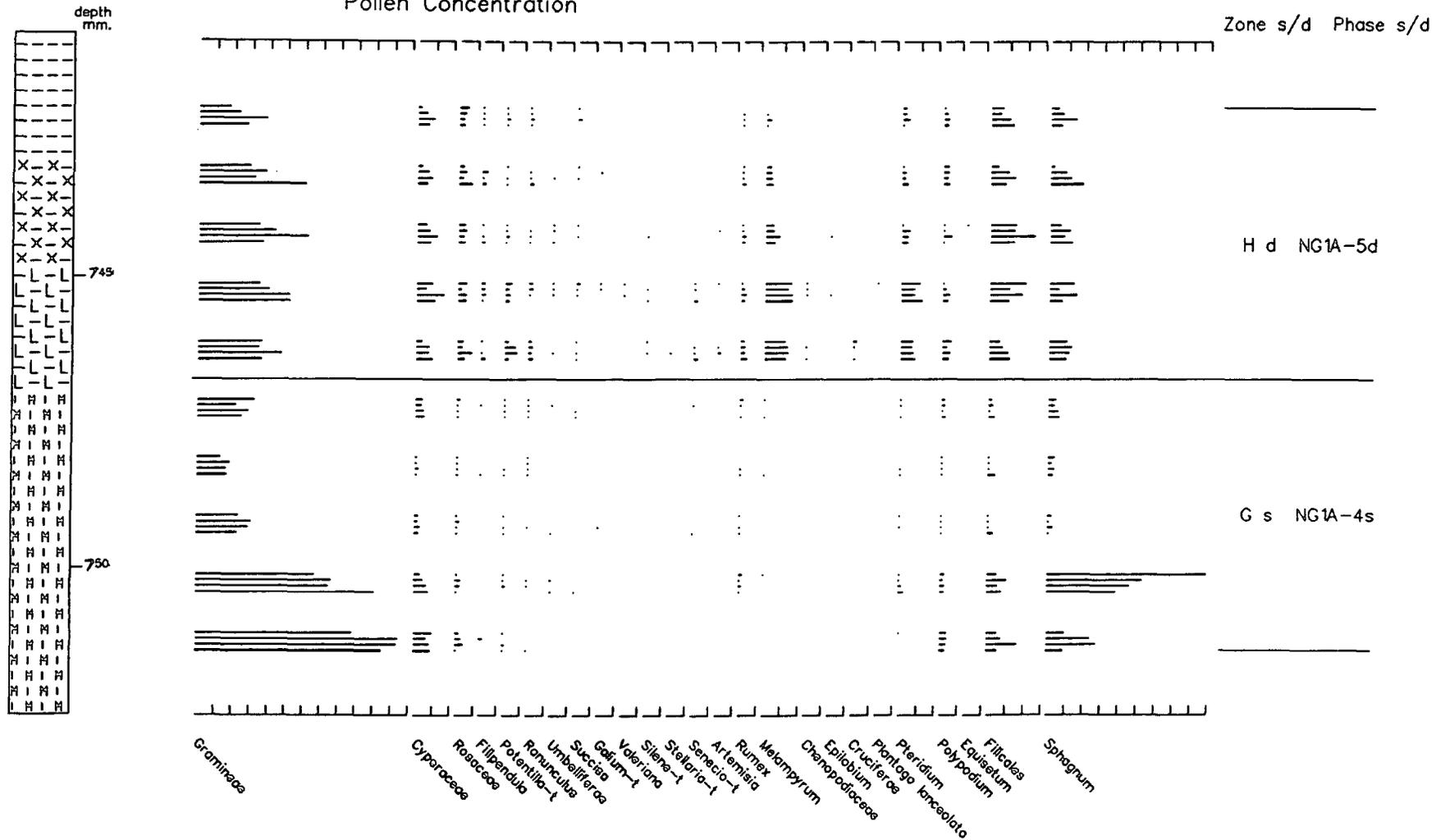
NORTH GILL 1A S3/D3 FRPA Quadrants
Pollen Concentration



LS 1986

Figure 63. North Gill 1A, phase S3/D3: millimetre quadrants, tree and shrub pollen concentrations.

NORTH GILL 1A S3/D3 FRPA Quadrants
Pollen Concentration



TAXA AXES IN 1000 GRAINS/CC UNITS

LS 1238

Figure 64. North Gill 1A, phase S3/D3: millimetre quadrants, herb pollen and spore concentrations.

NORTH GILL 1A S3/D3 FRPA Quadrants
%Trees+Group

depth
mm.

Zone s/d Phase s/d

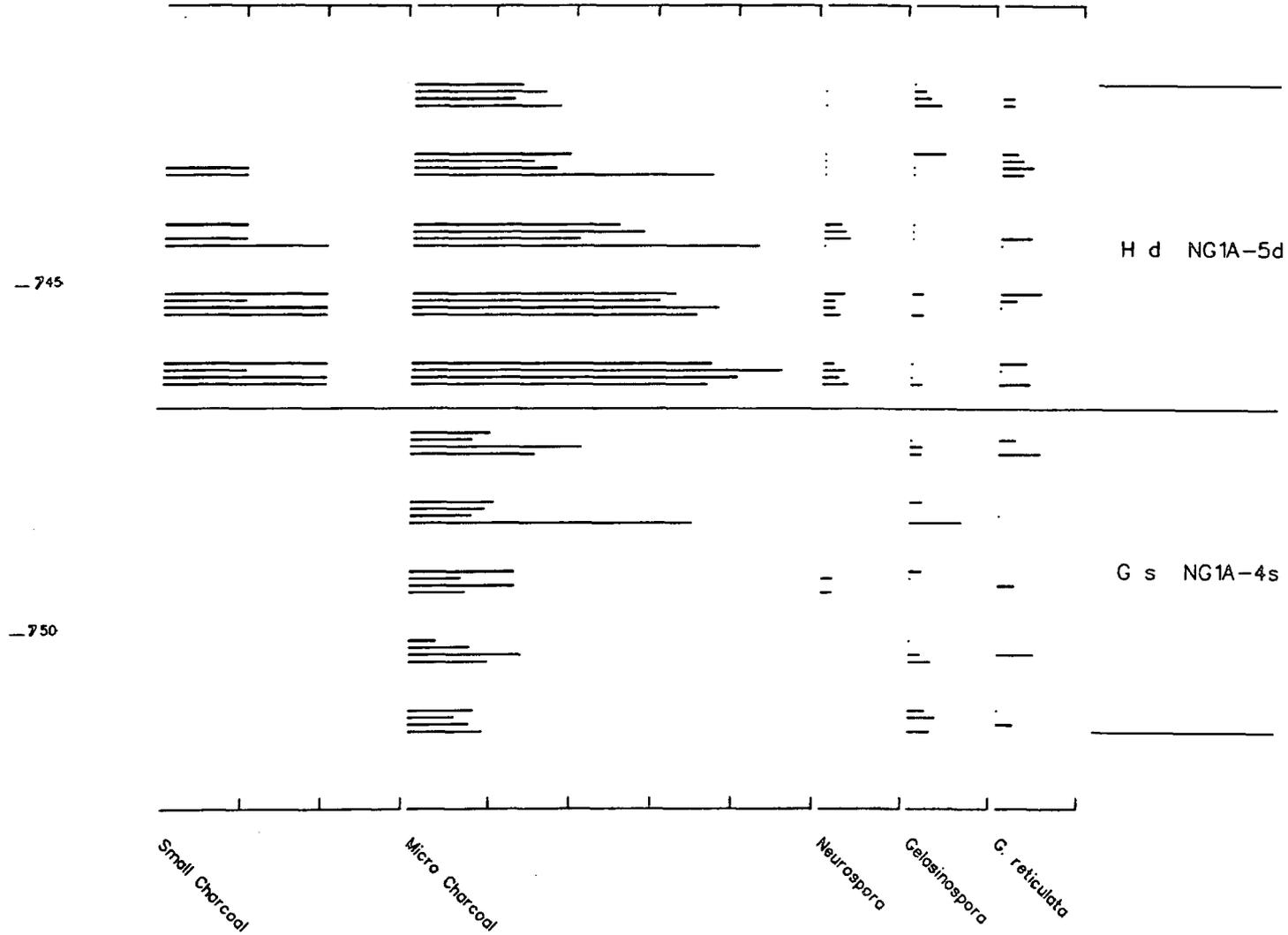
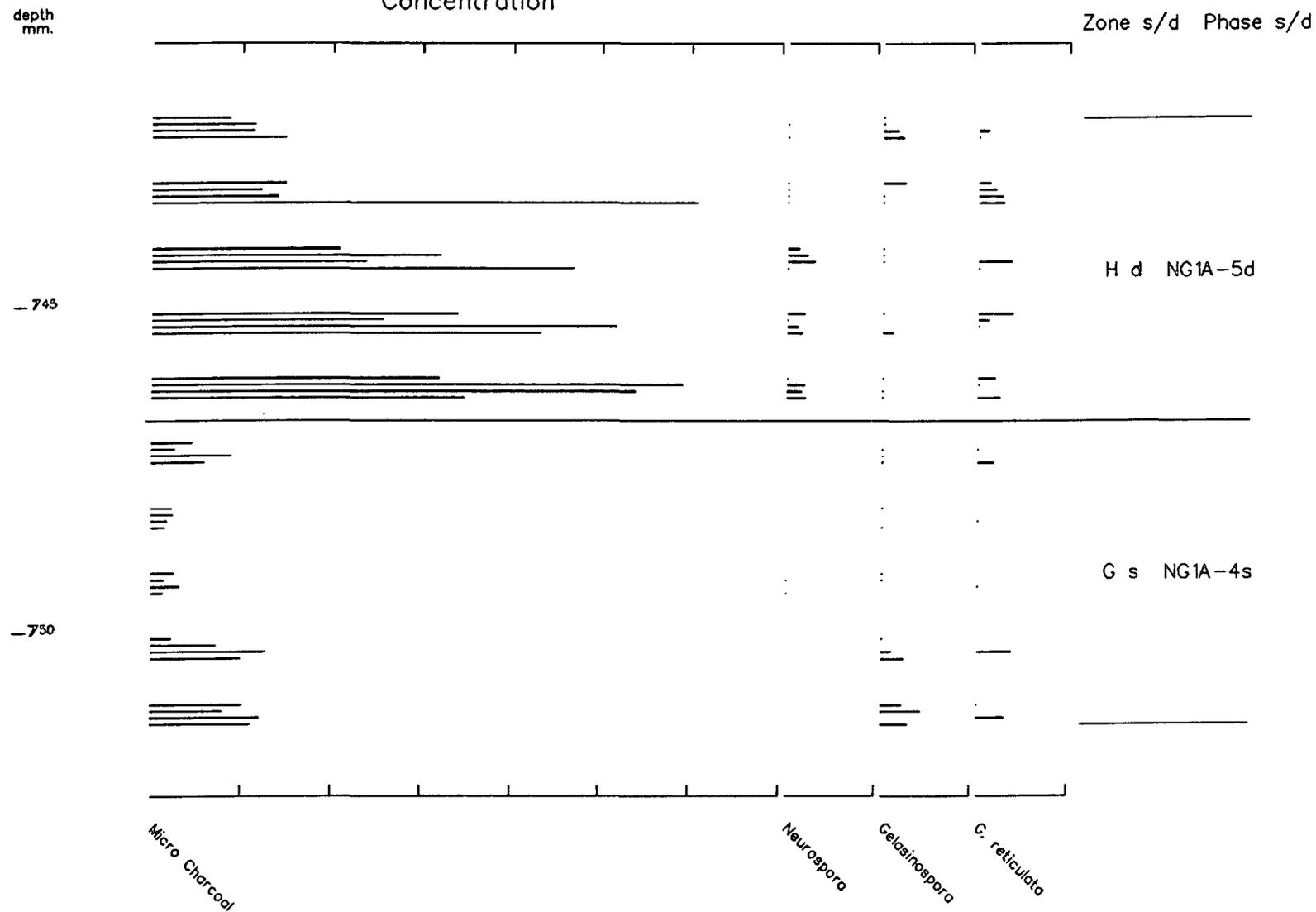


Figure 65. North Gill 1A, phase S3/D3: millimetre quadrants, charcoal percentages. ^{LS 1986}

NORTH GILL 1A S3/D3 FRPA Quadrants
Concentration



TAXA AXES IN 1000 GRAINS/CC UNITS

LS 1986

Figure 66. North Gill 1A, phase S3/D3: millimetre quadrants, charcoal concentrations.

NORTH GILL 1A (D3)

Interval 1 mm
%Trees+Group

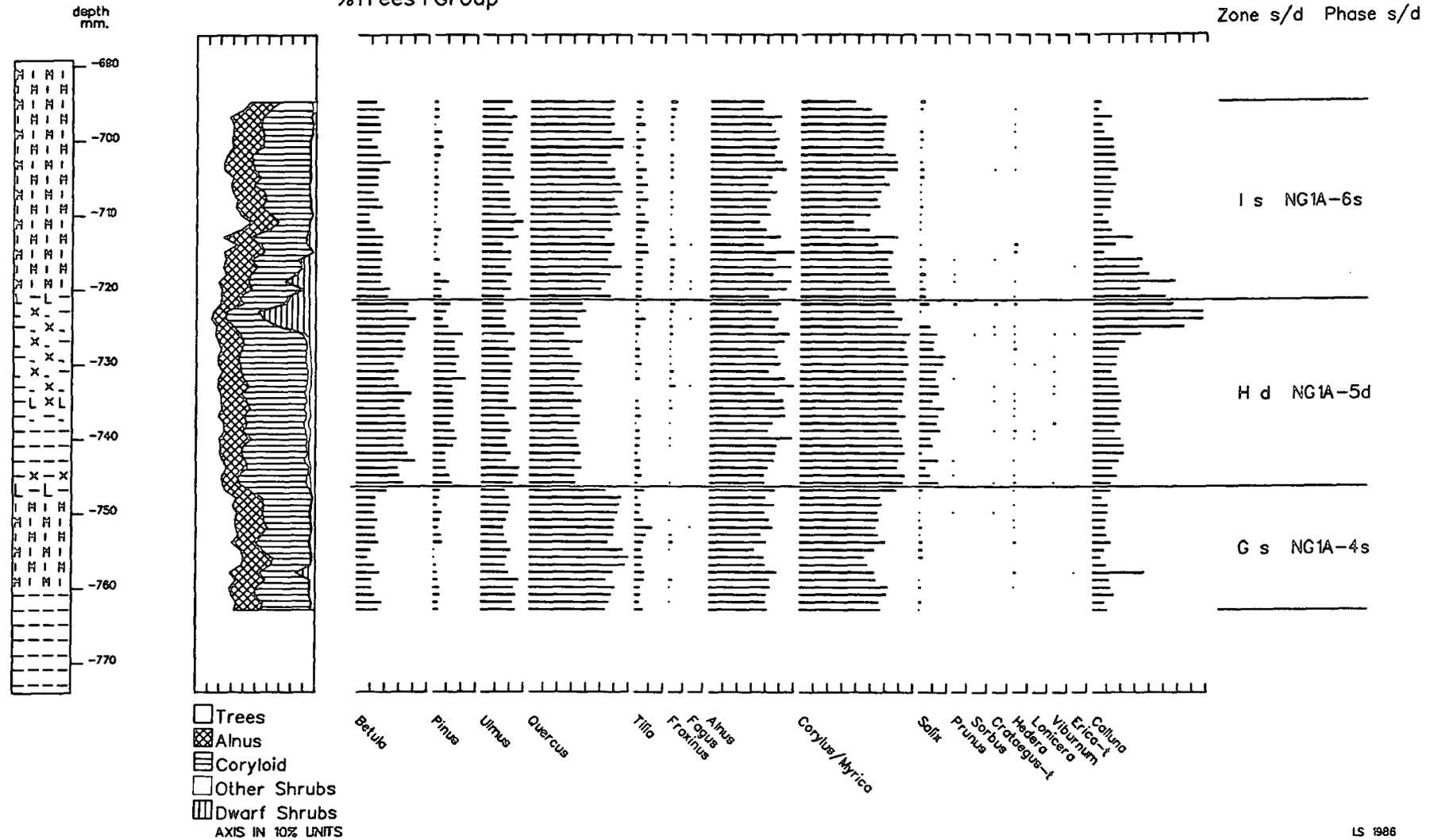


Figure 67. North Gill 1A, phase D3: millimetre intervals, tree and shrub pollen percentages.

NORTH GILL 1A (D3)

Interval 1 mm
Pollen Concentration

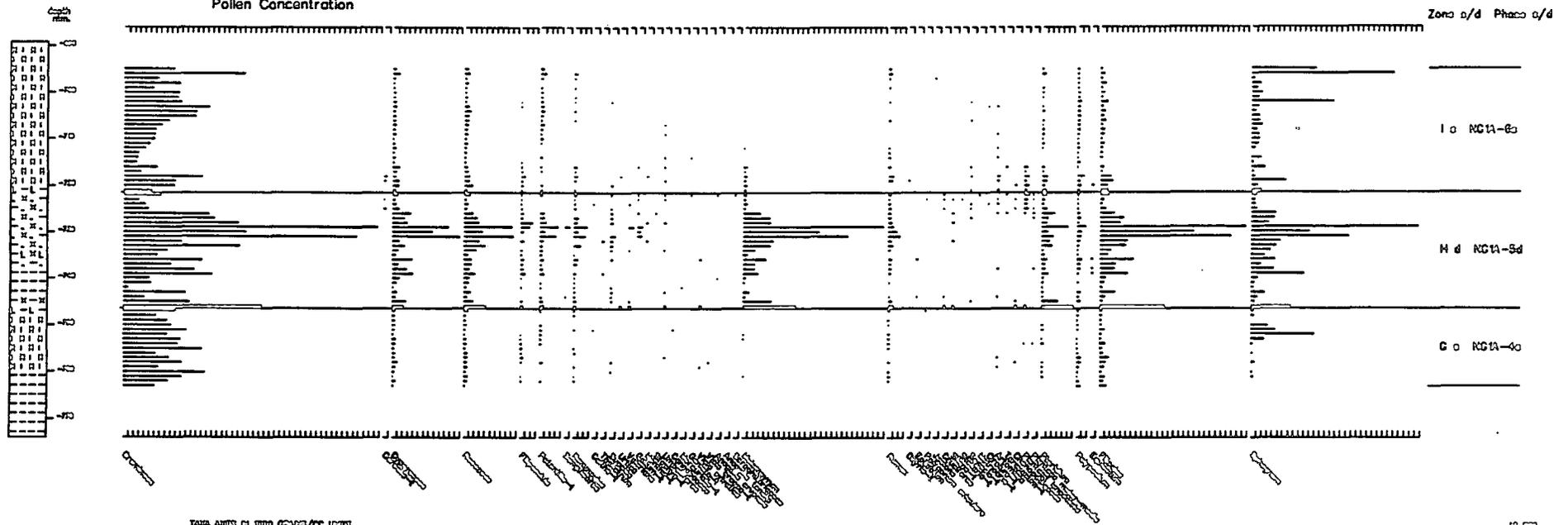


Figure 70. North Gill 1A, phase D3: millimetre intervals, herb pollen and spore concentrations.

NORTH GILL 1A (D3)

1mm Charcoal
%Trees+Group

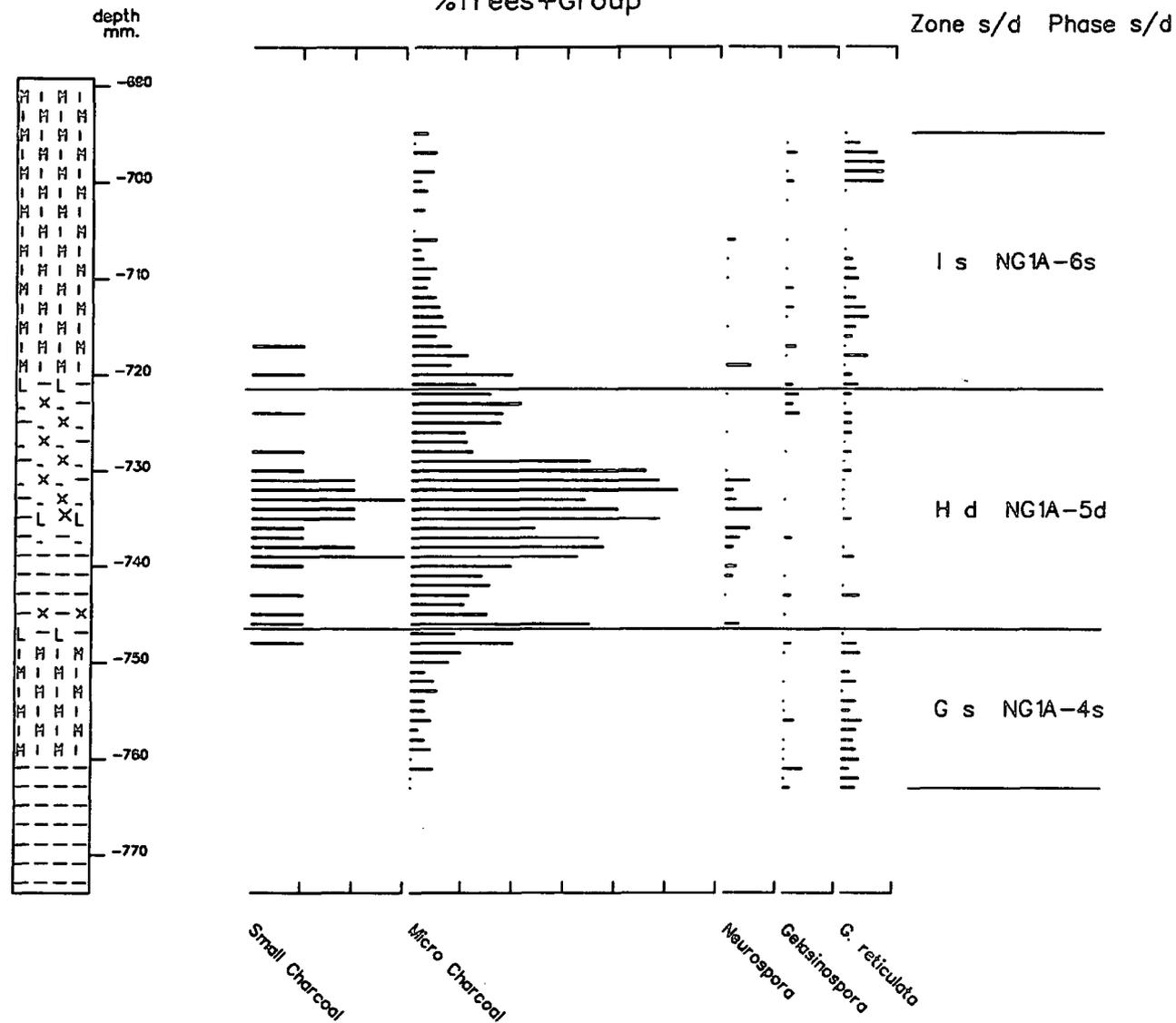
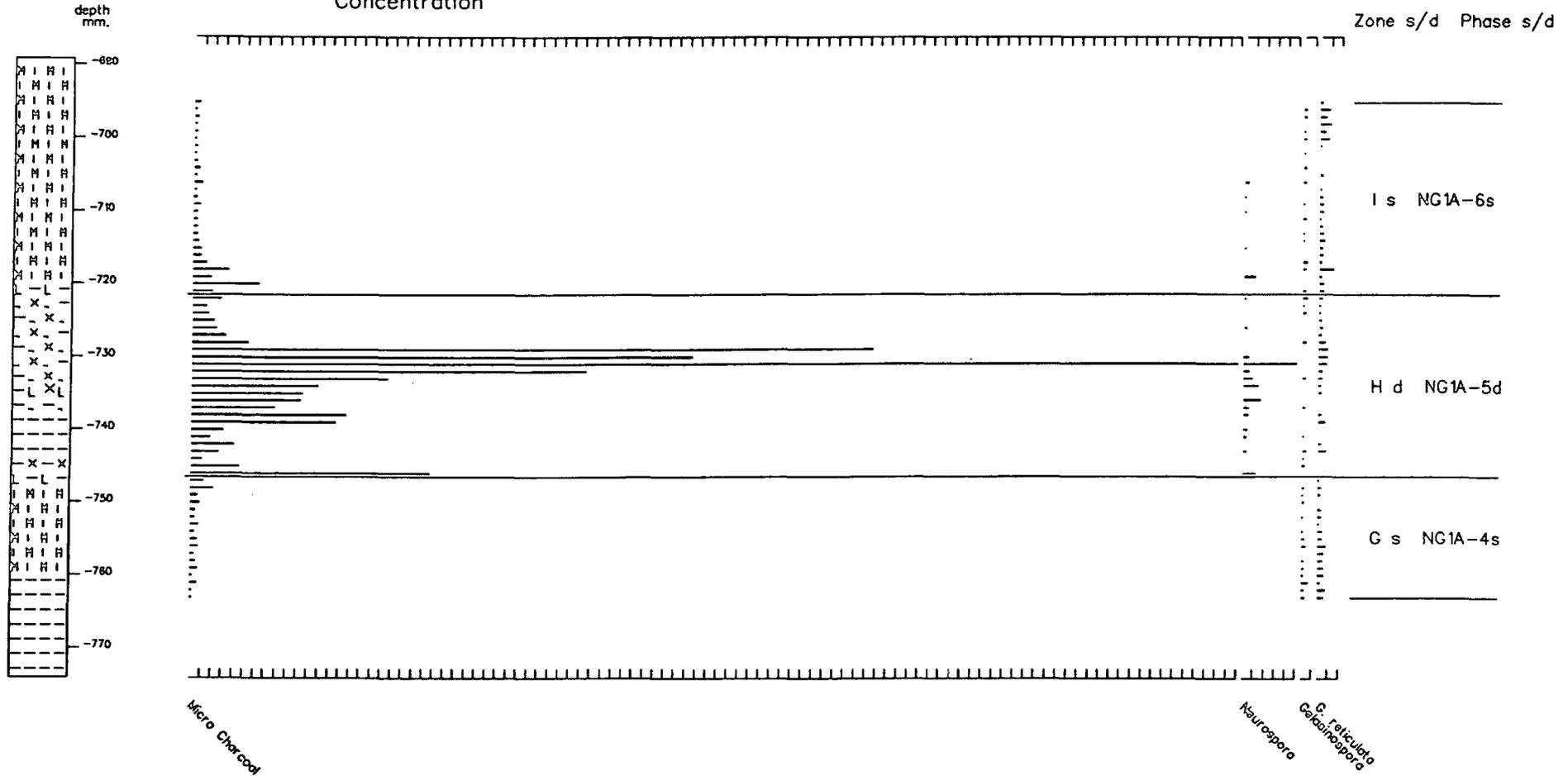


Figure 71. North Gill 1A, phase D3: millimetre intervals, 1986
charcoal percentages.

NORTH GILL 1A (D3)

1mm Charcoal
Concentration

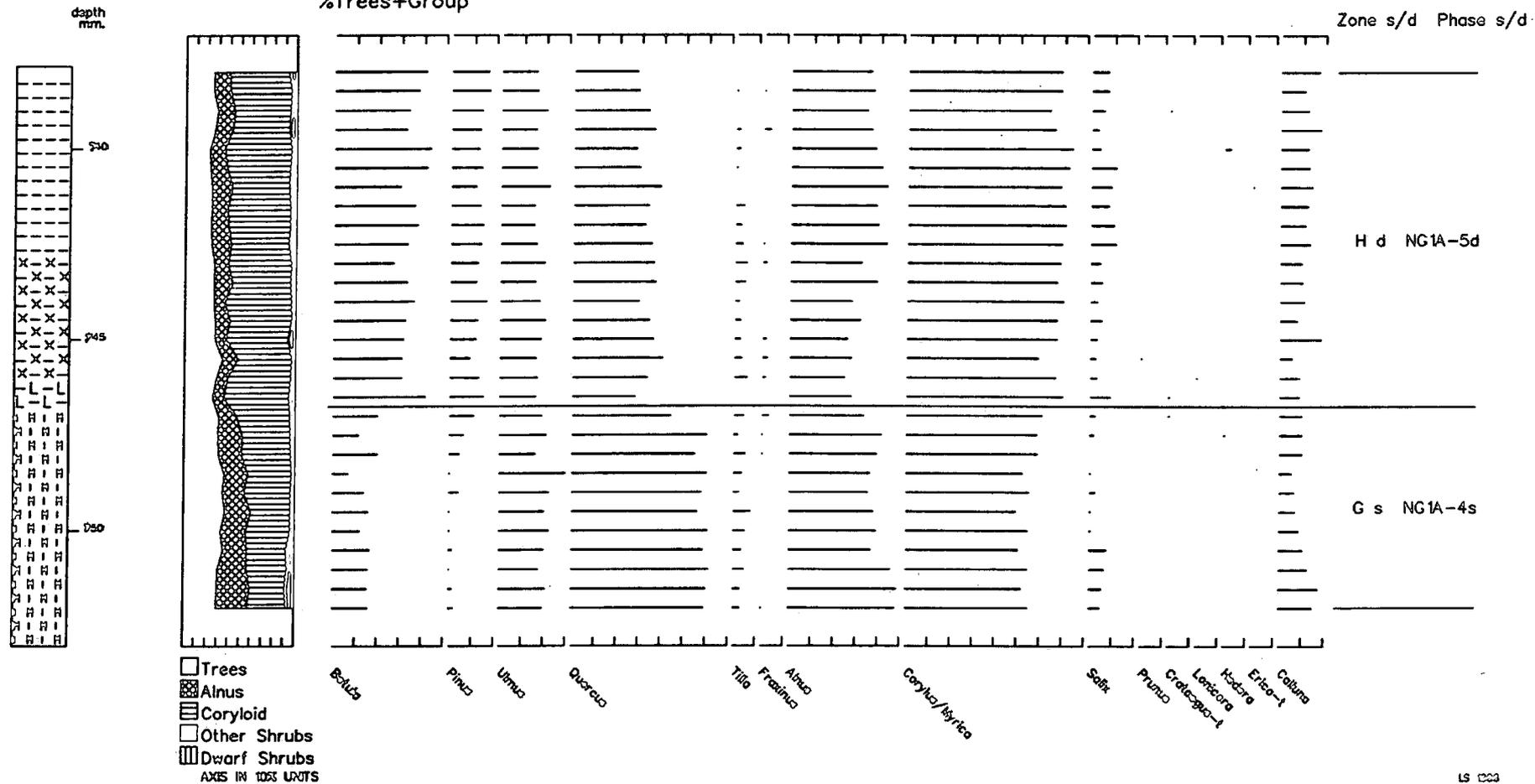


TAXA AXES IN 1000 GRAINS/CC UNITS

I.S. 1938

Figure 72. North Gill 1A, phase D3: millimetre intervals, charcoal concentrations.

NORTH GILL 1A S3/D3 Interval 0.5 mm
 %Trees+Group



LS 222

Figure 73. North Gill 1A, phase D3: 0.5 millimetre intervals, tree and shrub pollen percentages.

NORTH GILL 1A S3/D3

Interval 0.5 mm
%Trees+Group

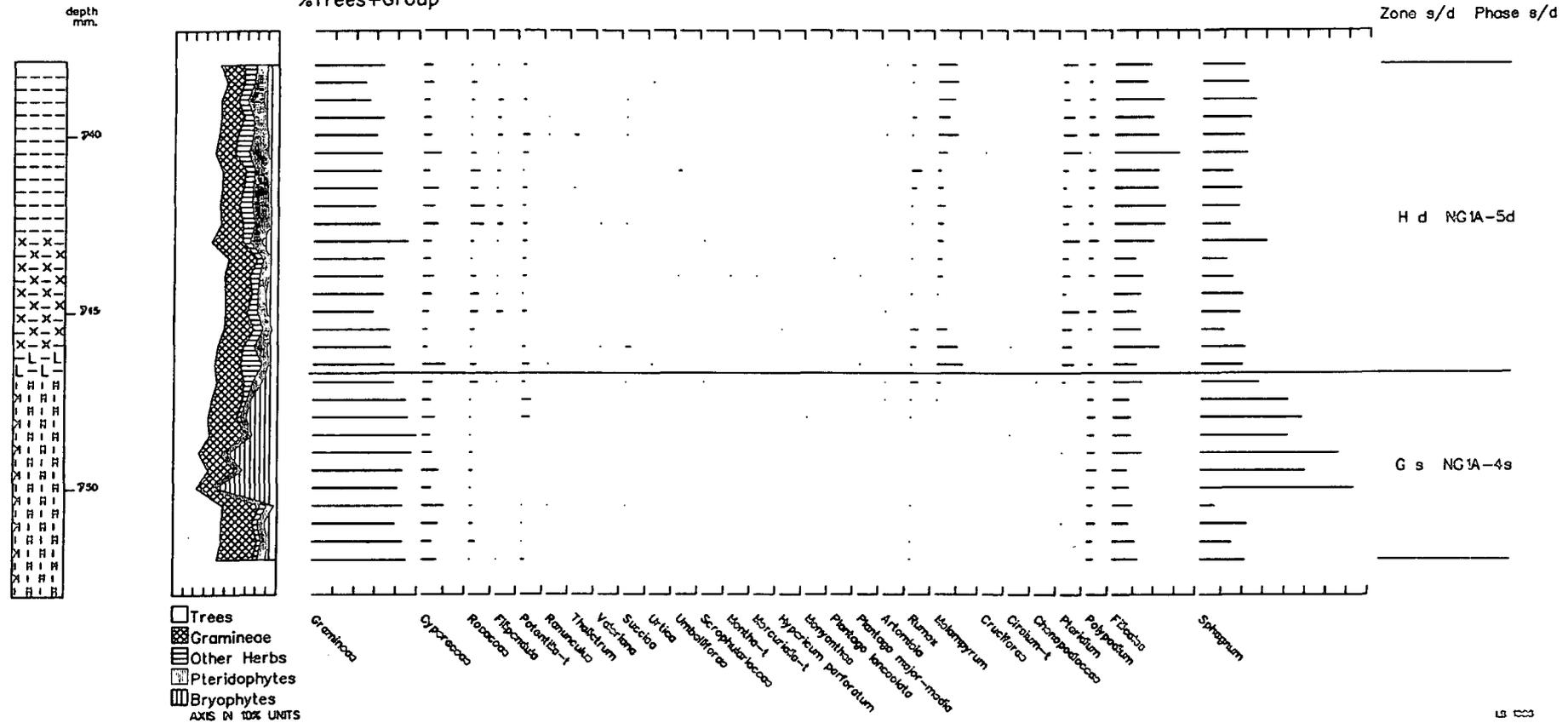
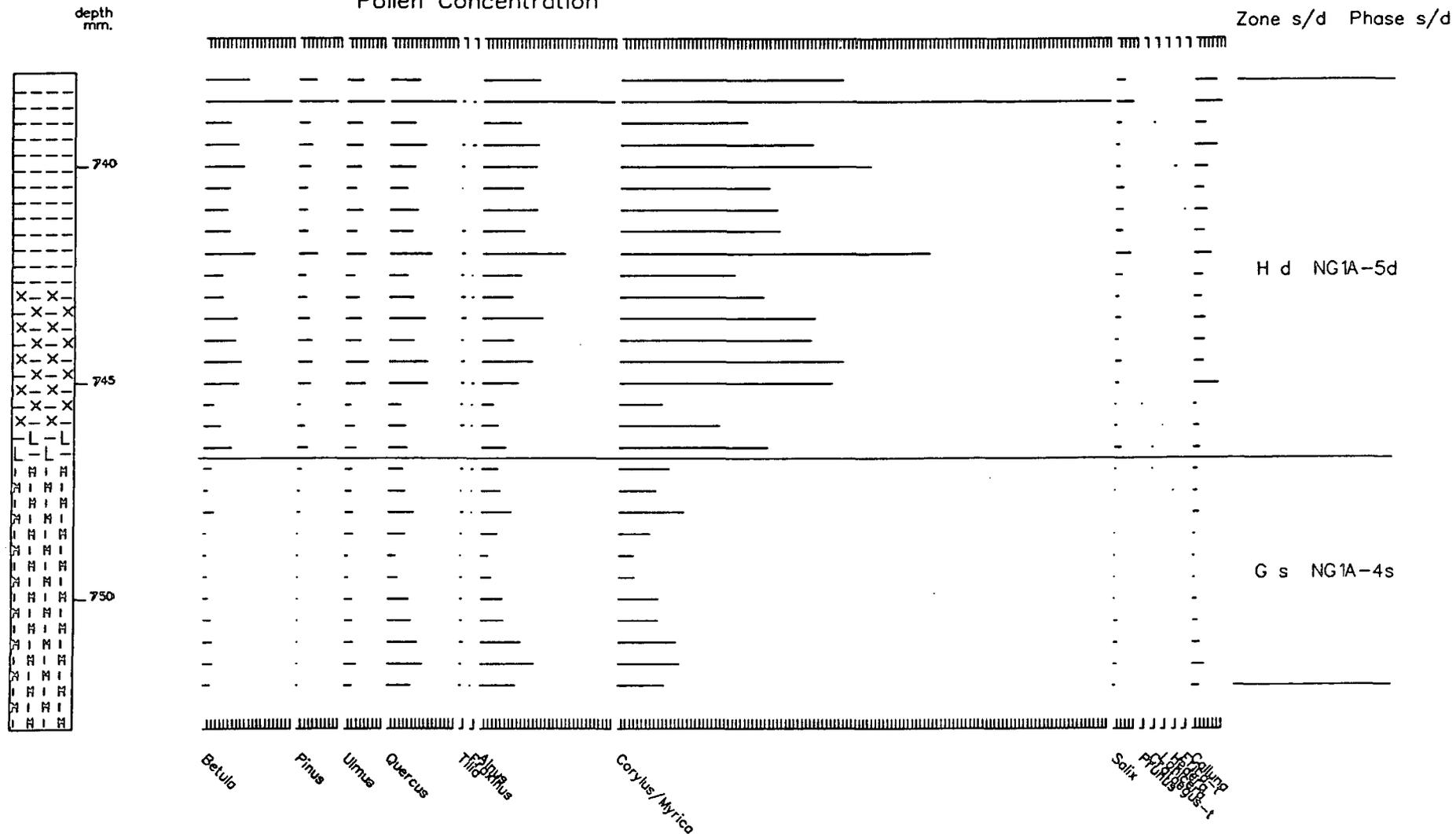


Figure 74. North Gill 1A, phase D3: 0.5 millimetre intervals, herb pollen and spore percentages.

NORTH GILL 1A S3/D3 Interval 0.5 mm
Pollen Concentration



LS 1986

Figure 75. North Gill 1A, phase D3: 0.5 millimetre intervals, tree and shrub pollen concentrations.

NORTH GILL 1A S3/D3 Interval 0.5 mm
Pollen Concentration

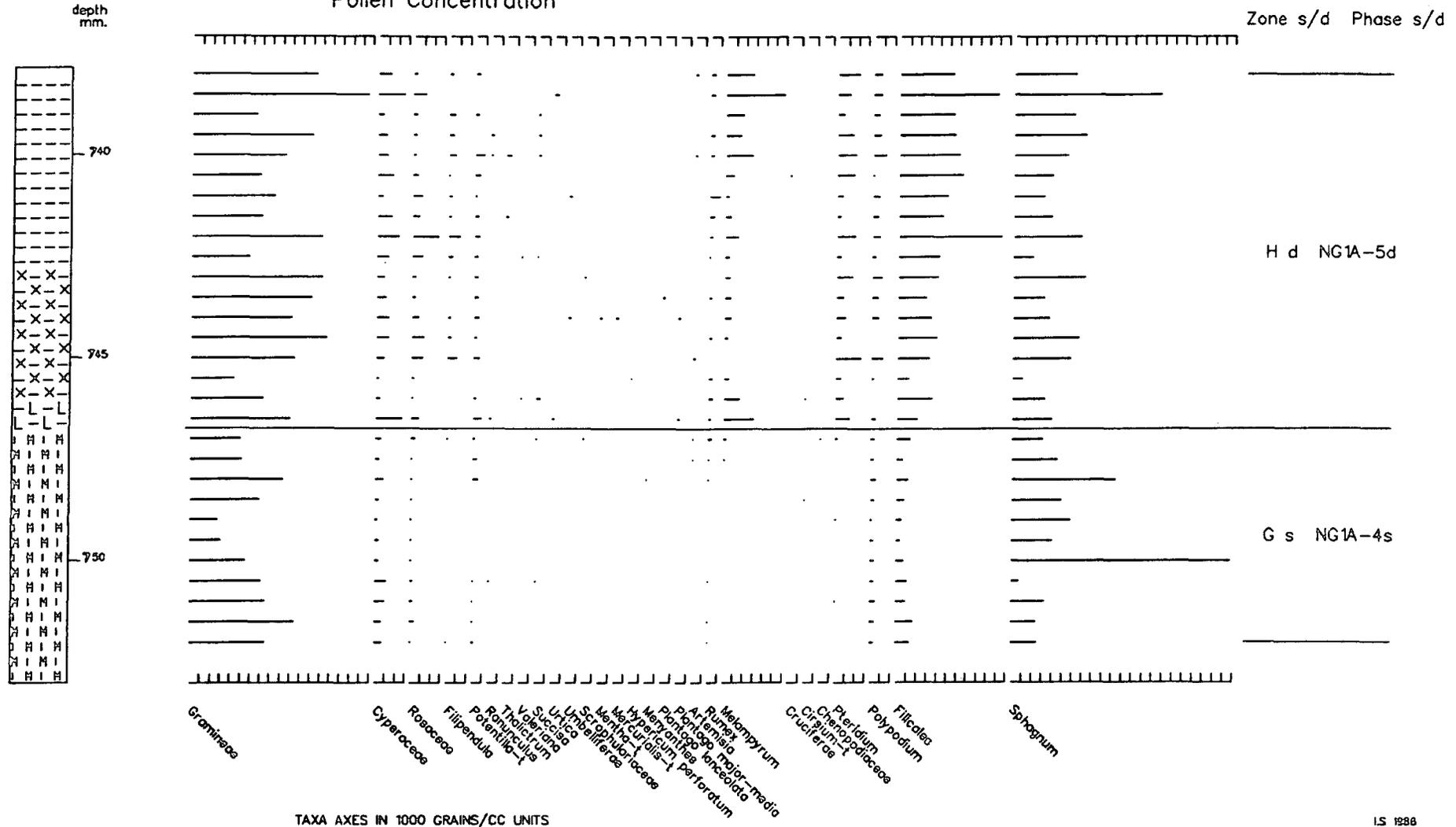
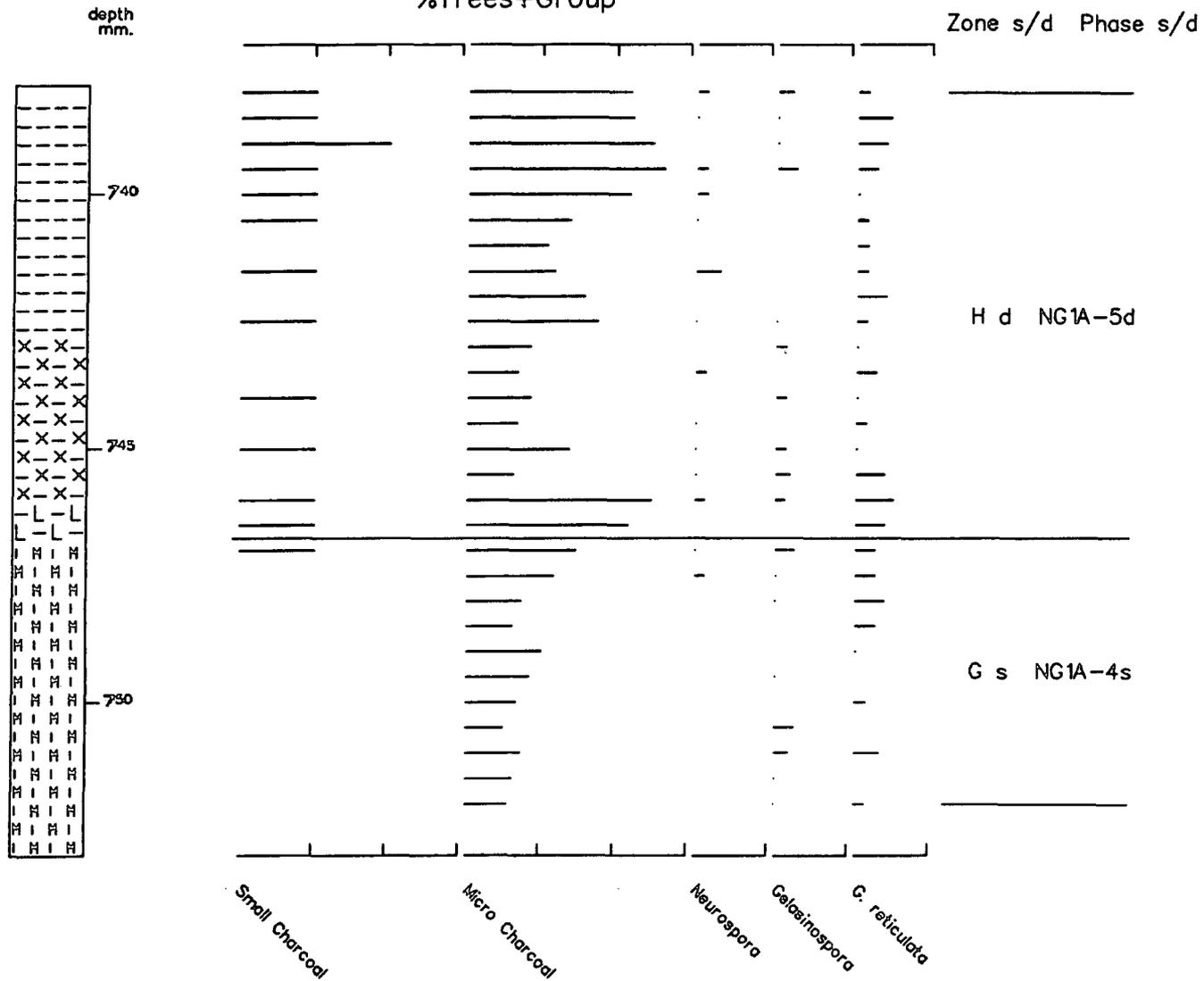


Figure 76. North Gill 1A, phase D3: 0.5 millimetre intervals, herb pollen and spore concentrations.

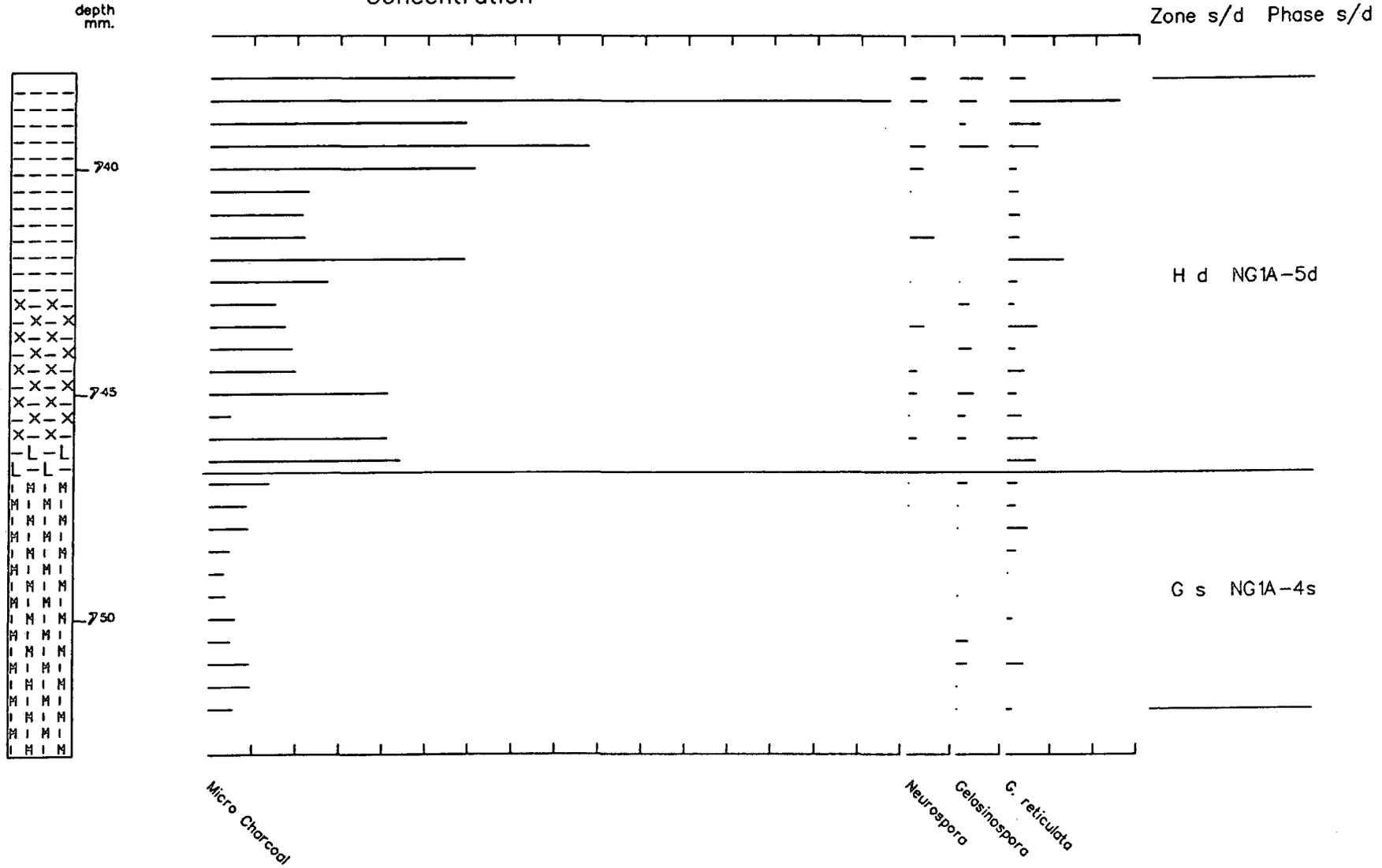
NORTH GILL 1A S3/D3 Charcoal 0.5 mm
%Trees+Group



LS 1986

Figure 77. North Gill 1A, phase D3: 0.5 millimetre intervals, charcoal percentages.

NORTH GILL 1A S3/D3 Charcoal 0.5 mm
Concentration



TAXA AXES IN 1000 GRAINS/CC UNITS

LS 1986

Figure 78. North Gill 1A, phase D3: 0.5 millimetre intervals, charcoal concentrations.

NORTH GILL 4

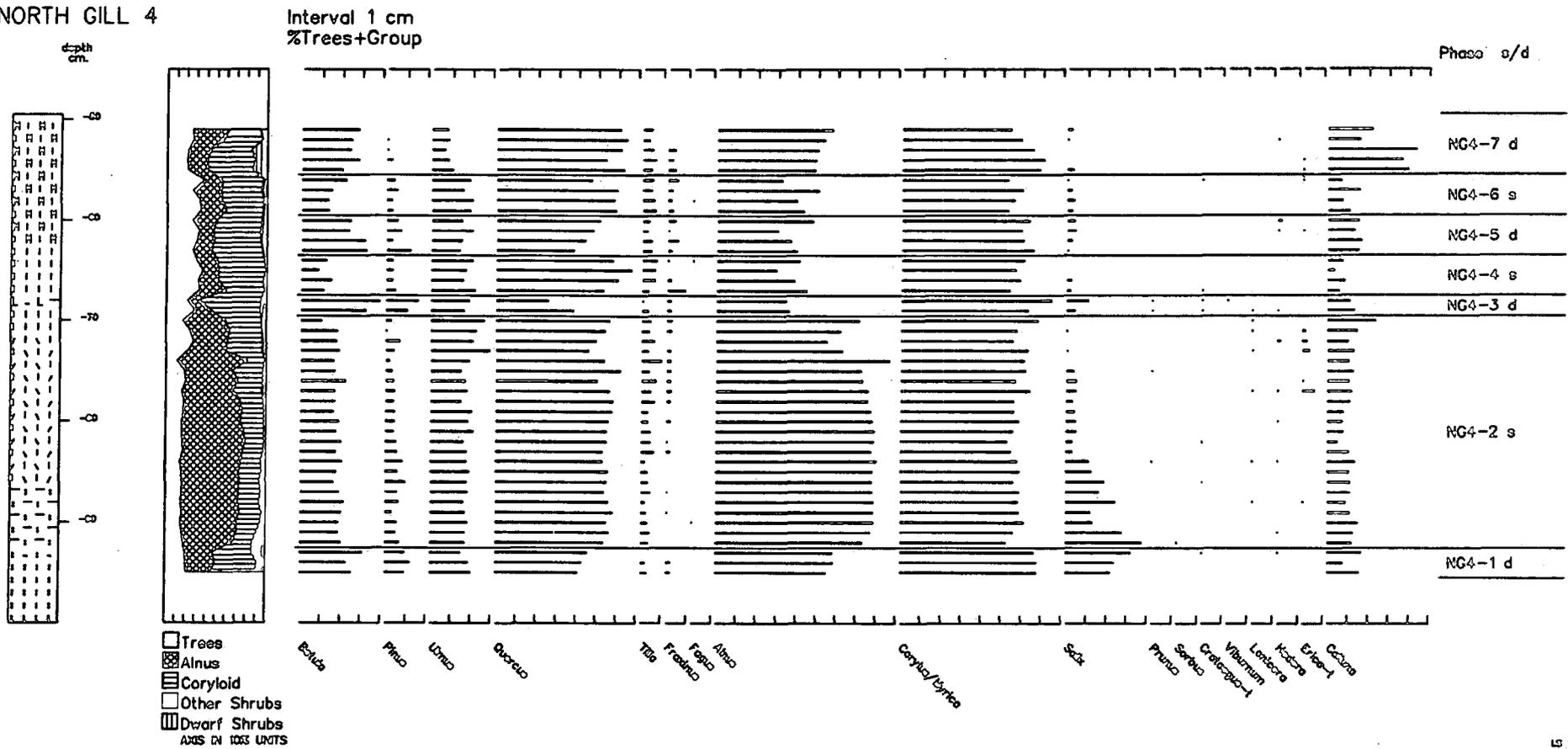


Figure 79. North Gill 4: centimetre intervals, tree and shrub pollen percentages.

NORTH GILL 4

Interval 1 cm
Pollen Concentration

Phase s/d

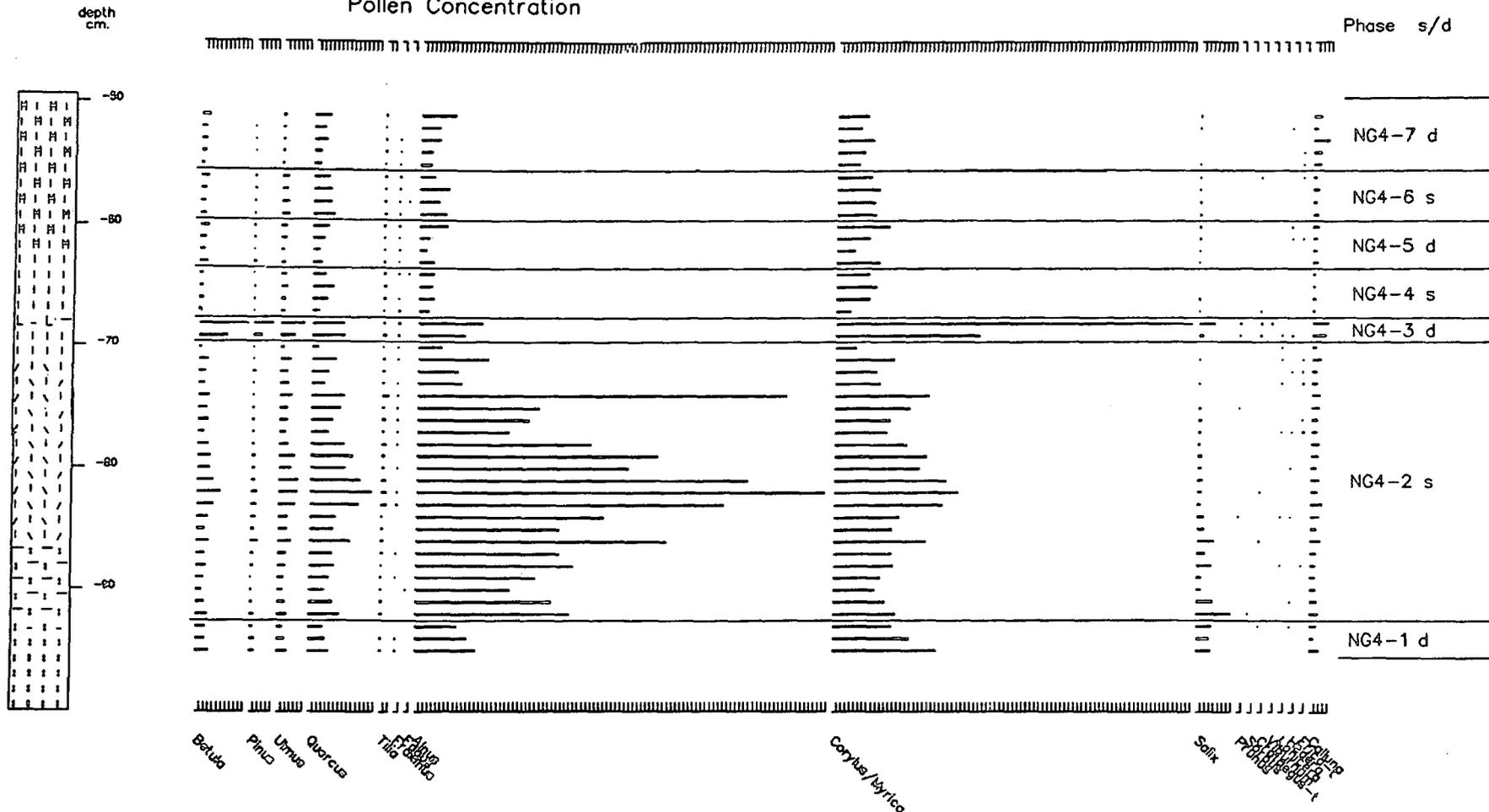


Figure 81. North Gill 4: centimetre intervals, tree and shrub pollen concentrations.

NORTH GILL 4

Interval 1 cm
Pollen Concentration

Phase s/d

depth
cm.

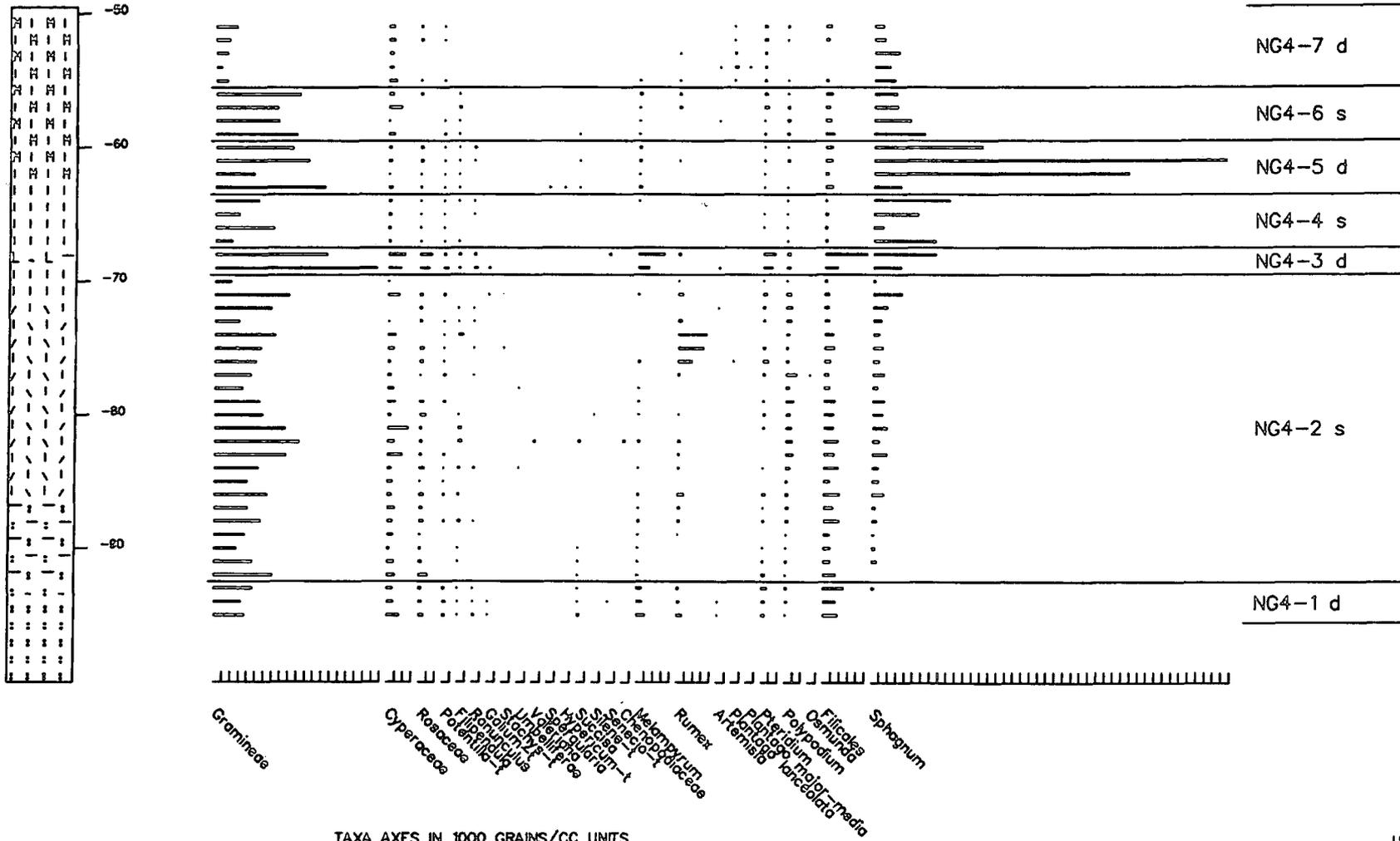


Figure 82. North Gill 4: centimetre intervals, herb pollen and spore concentrations.

NORTH GILL 4

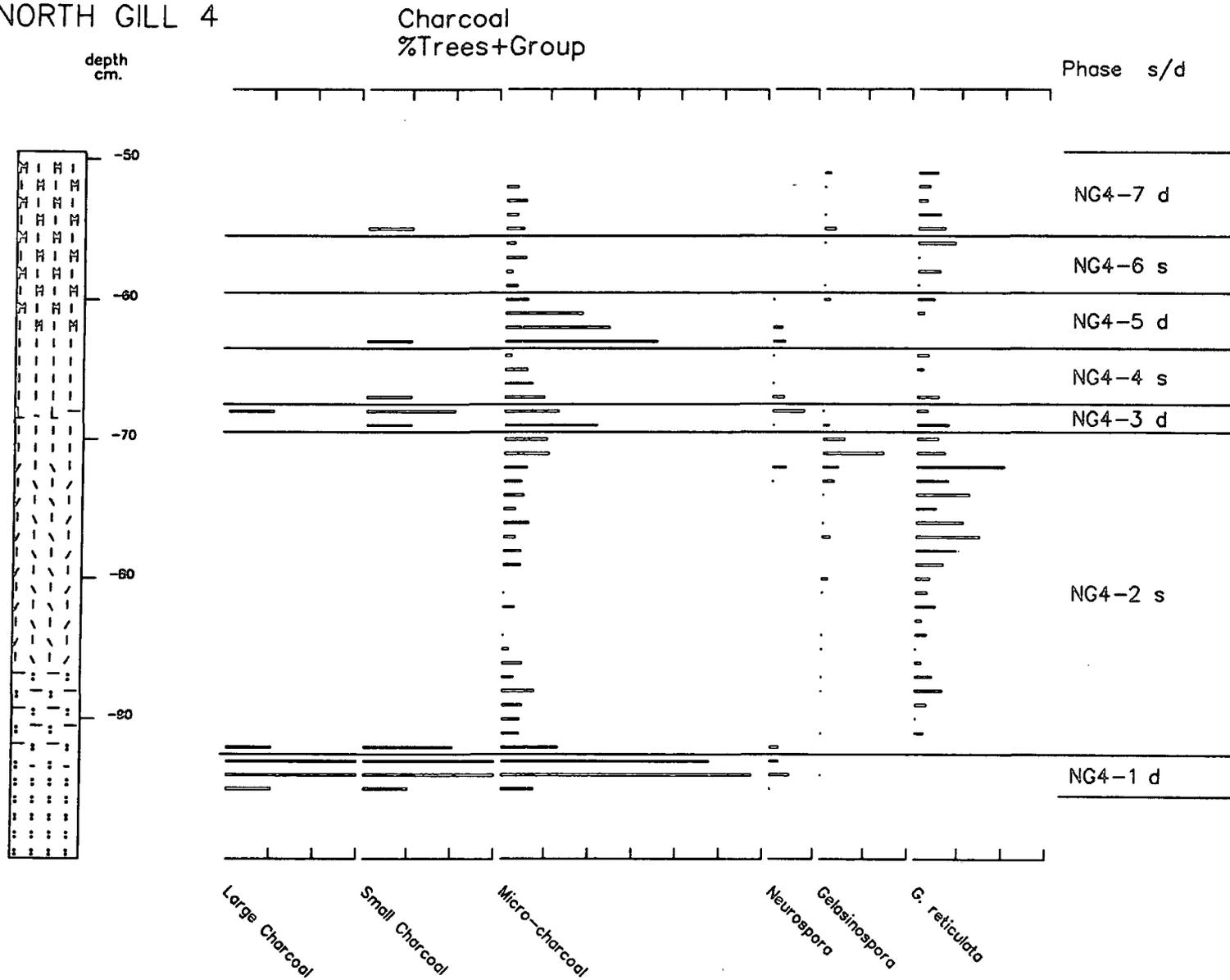
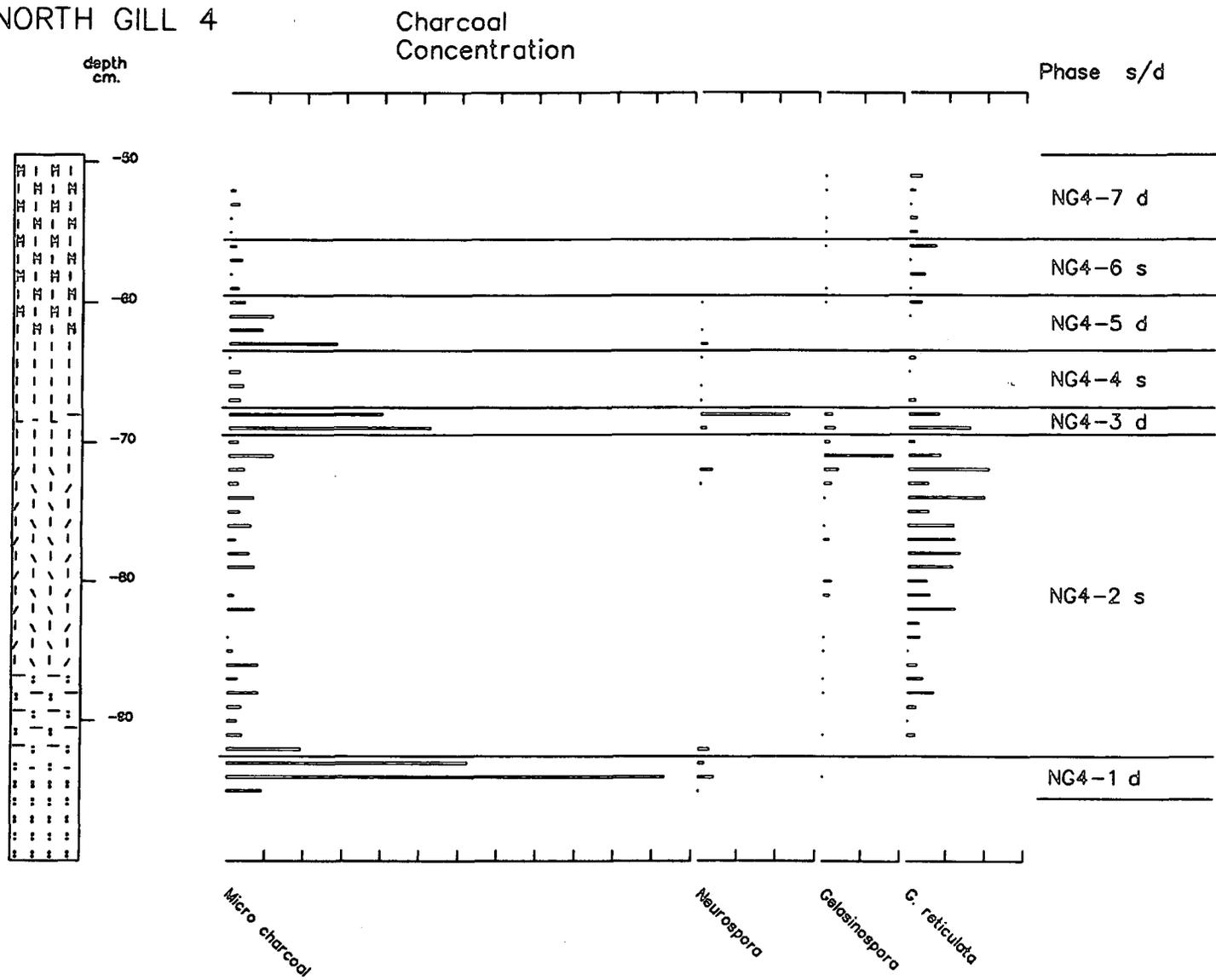


Figure 83. North Gill 4: centimetre intervals, charcoal percentages.

NORTH GILL 4



TAXA AXES IN 1000 GRAINS/CC UNITS

LS 1383

Figure 84. North Gill 4: centimetre intervals, charcoal concentration.

NORTH GILL 4 (D2)

Interval 1 mm
%Trees+Group

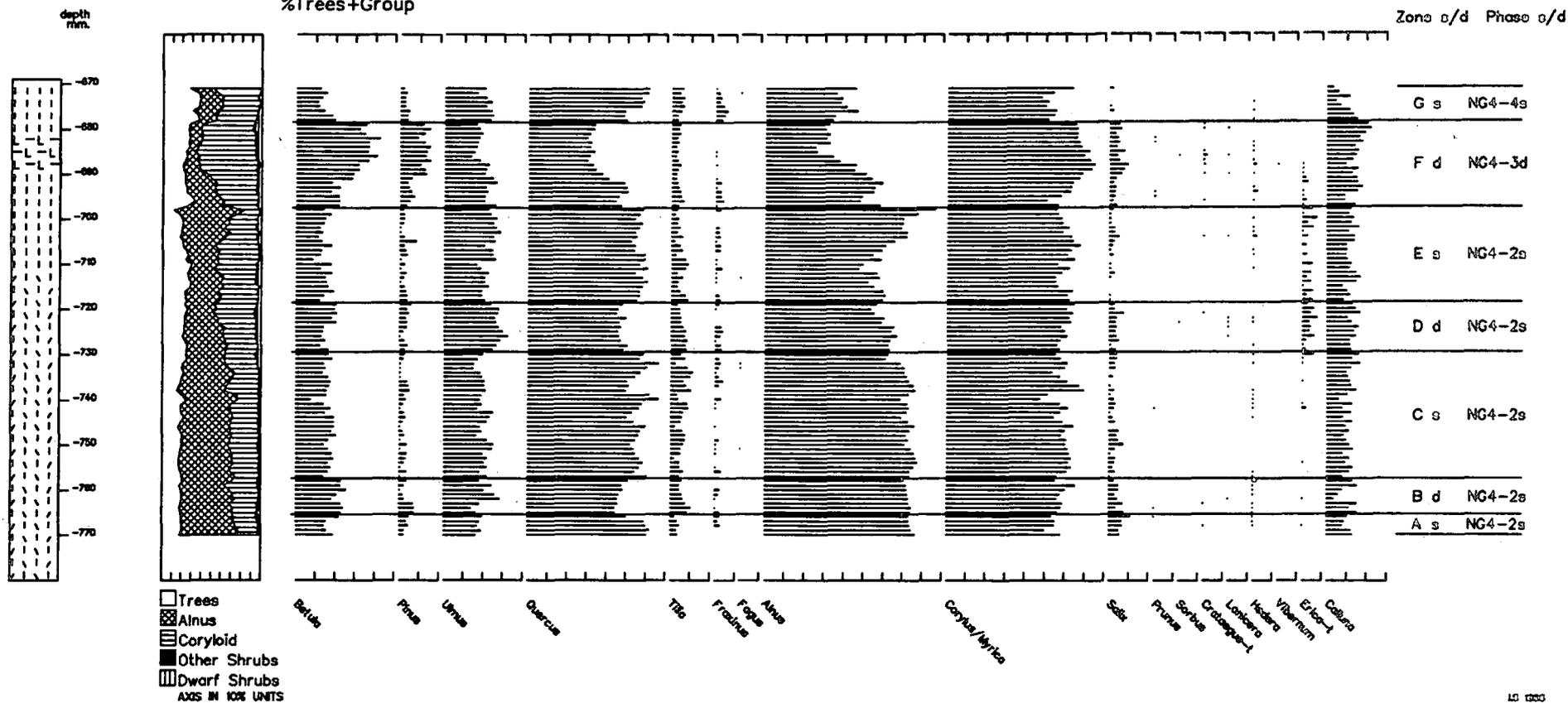


Figure 85. North Gill 4, phase D2: millimetre intervals, tree and shrub pollen percentages.

NORTH GILL 4 (D2)

Interval 1 mm
Pollen Concentration

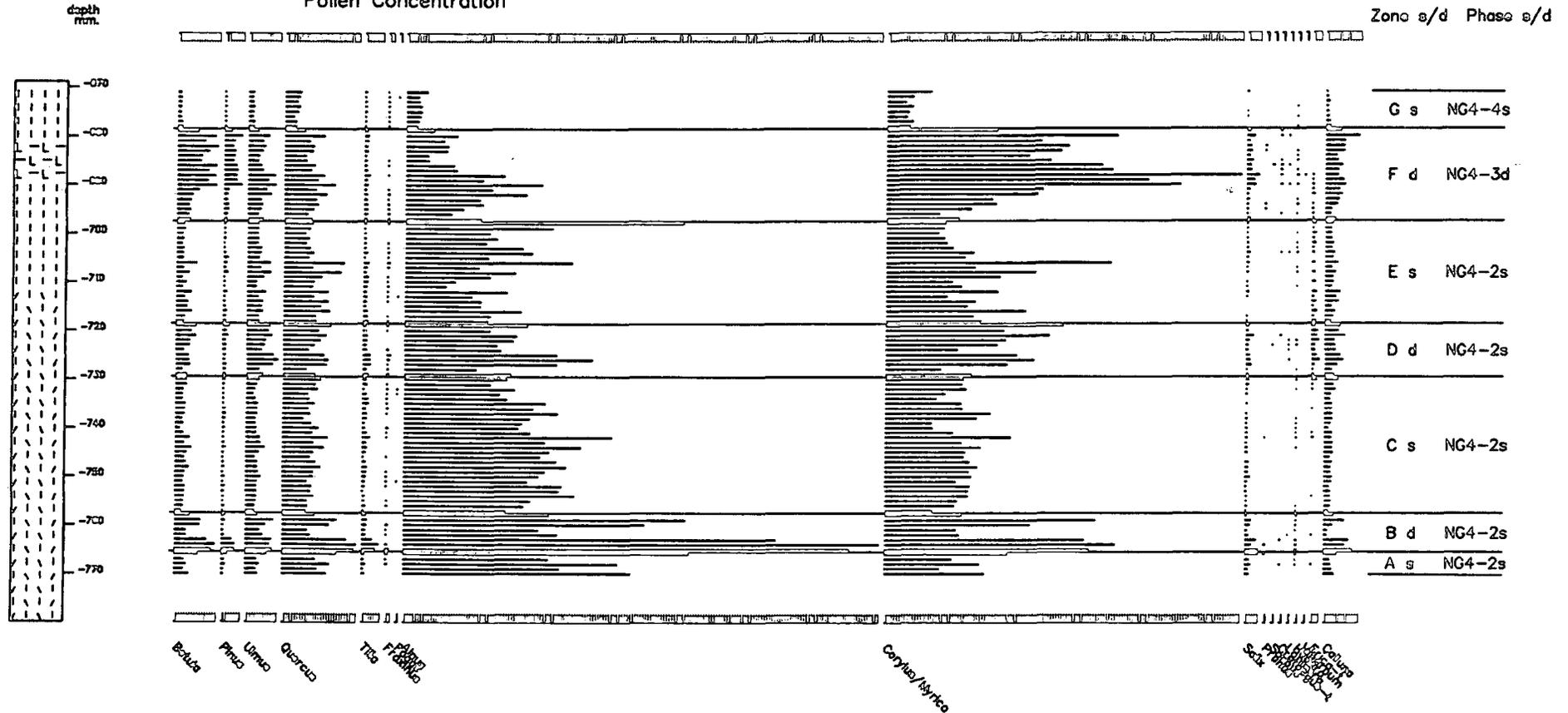


Figure 87. North Gill 4, phase D2: millimetre intervals, tree and shrub pollen concentrations.

NORTH GILL 4 (D2)

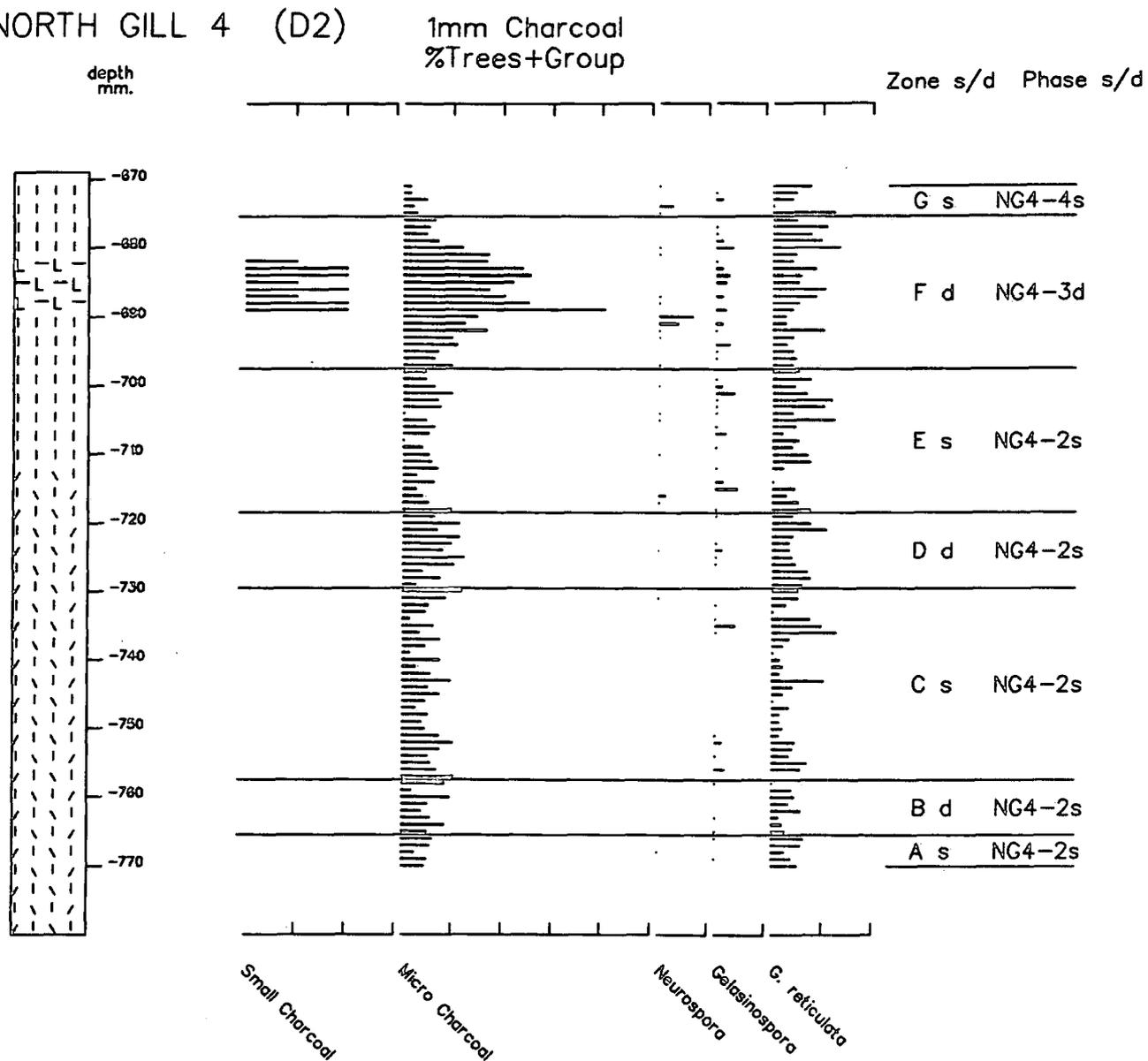
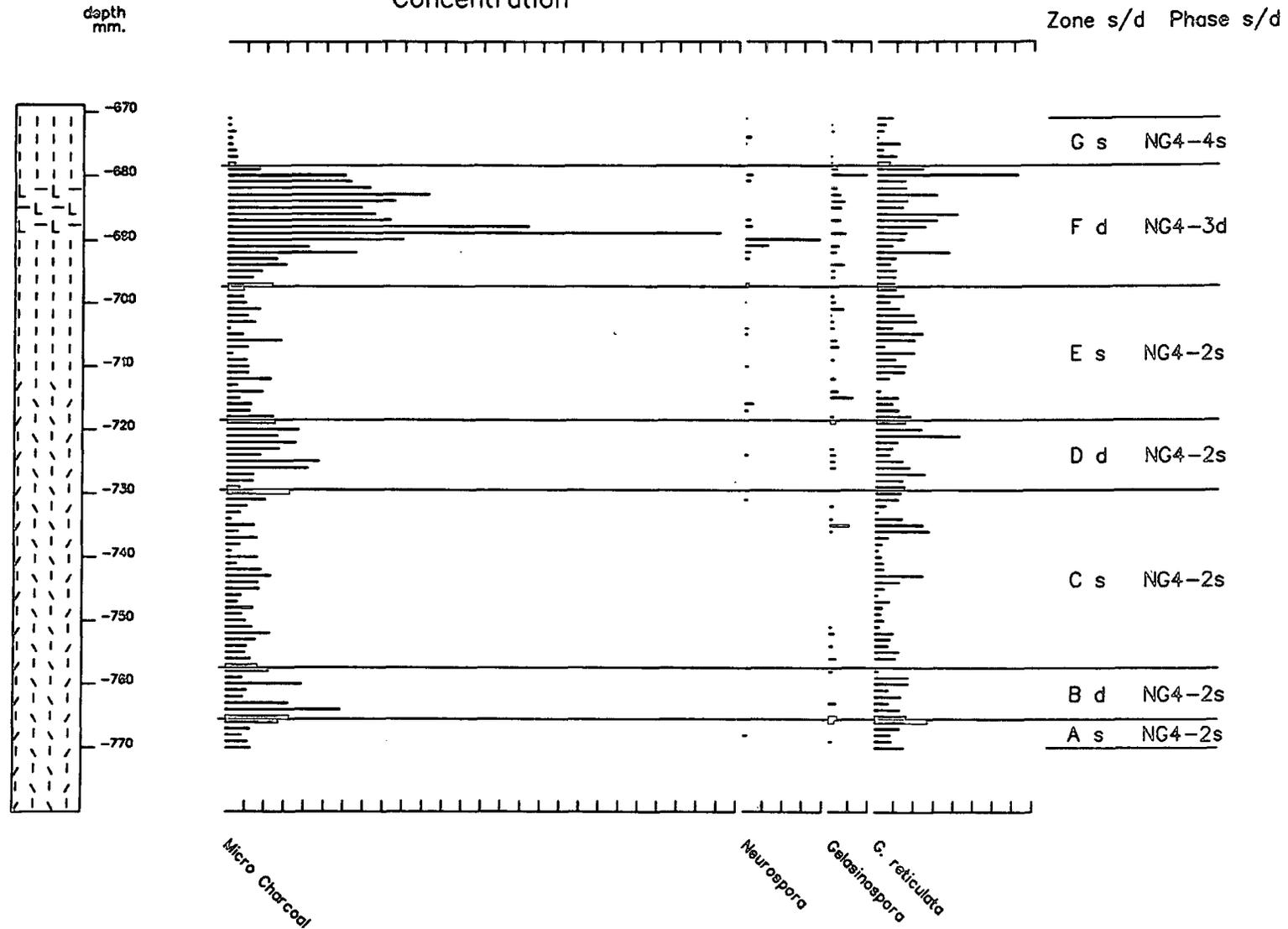


Figure 89. North Gill 4, phase D2: millimetre intervals, charcoal percentages.

NORTH GILL 4 (D2) 1mm Charcoal Concentration



TAXA AXES IN 1000 GRAINS/CC UNITS

15 1988

Figure 90. North Gill 4, phase D2: millimetre intervals, charcoal concentrations.

NORTH GILL 6

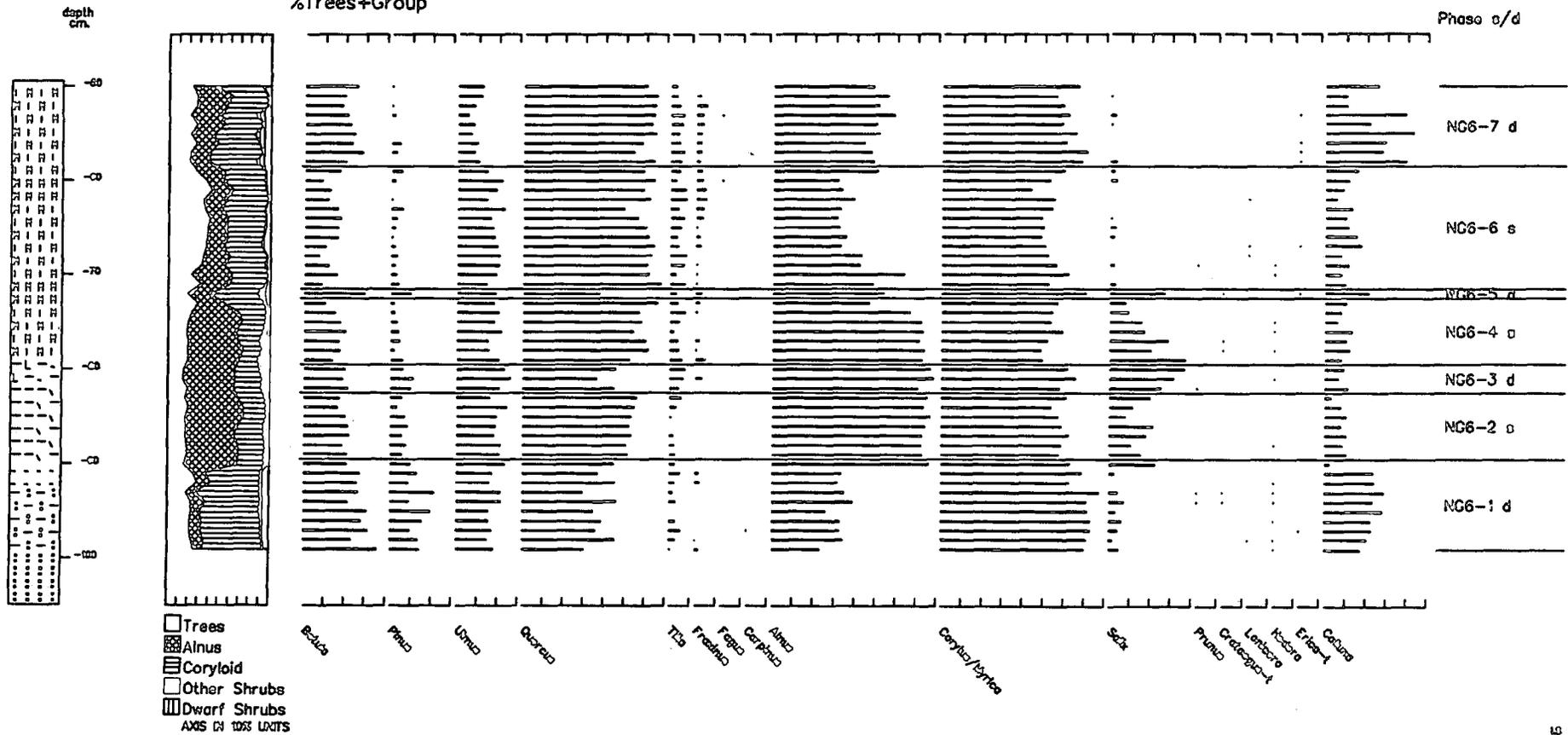
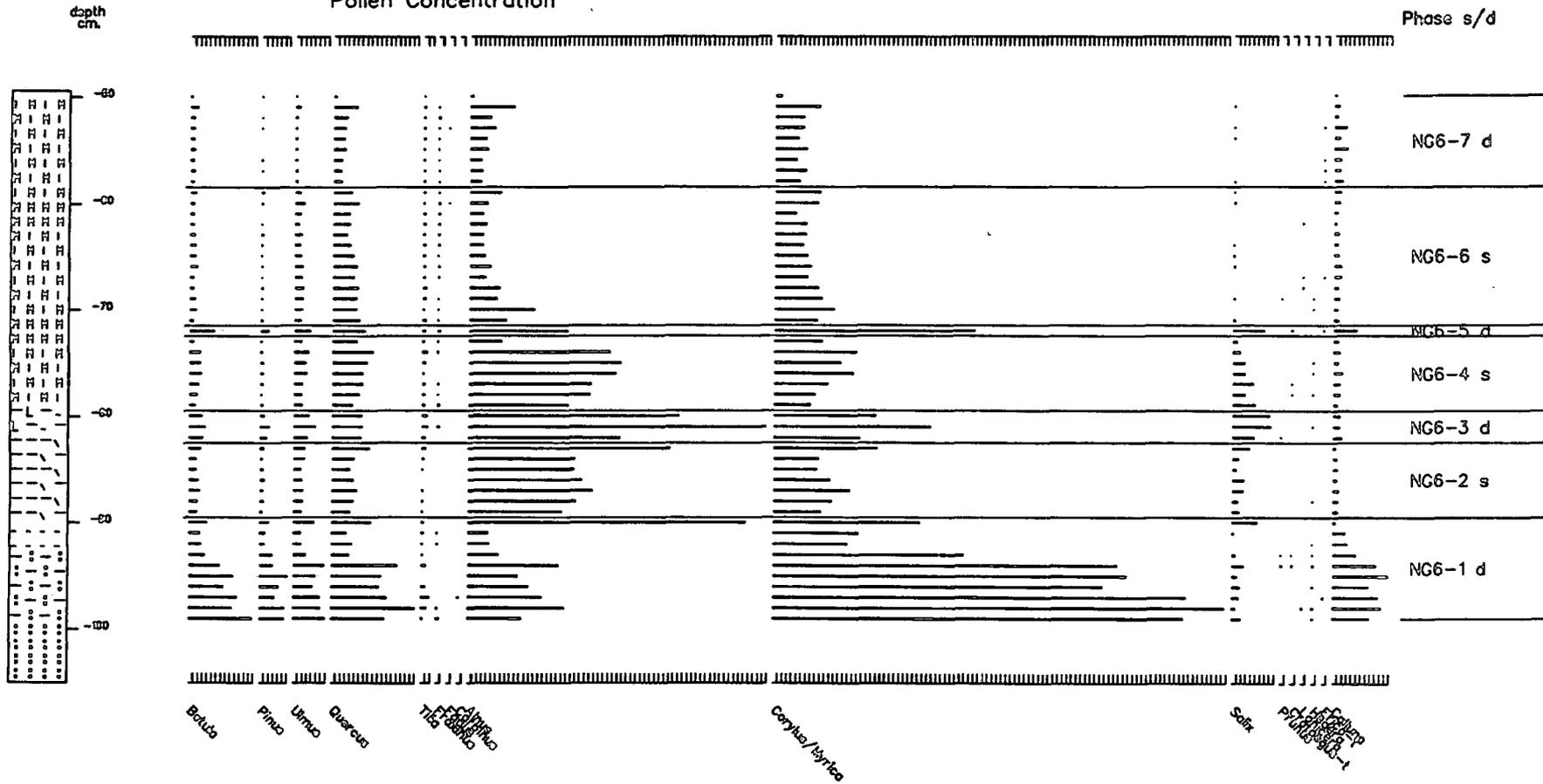


Figure 91. North Gill 6: centimetre intervals, tree and shrub pollen percentages.

NORTH GILL 6

Interval 1 cm
Pollen Concentration

Phase s/d



TAXA AXES IN 1000 GRAINS/CC UNITS

LS 1233

Figure 93. North Gill 6: centimetre intervals, tree and shrub pollen concentrations.

NORTH GILL 6

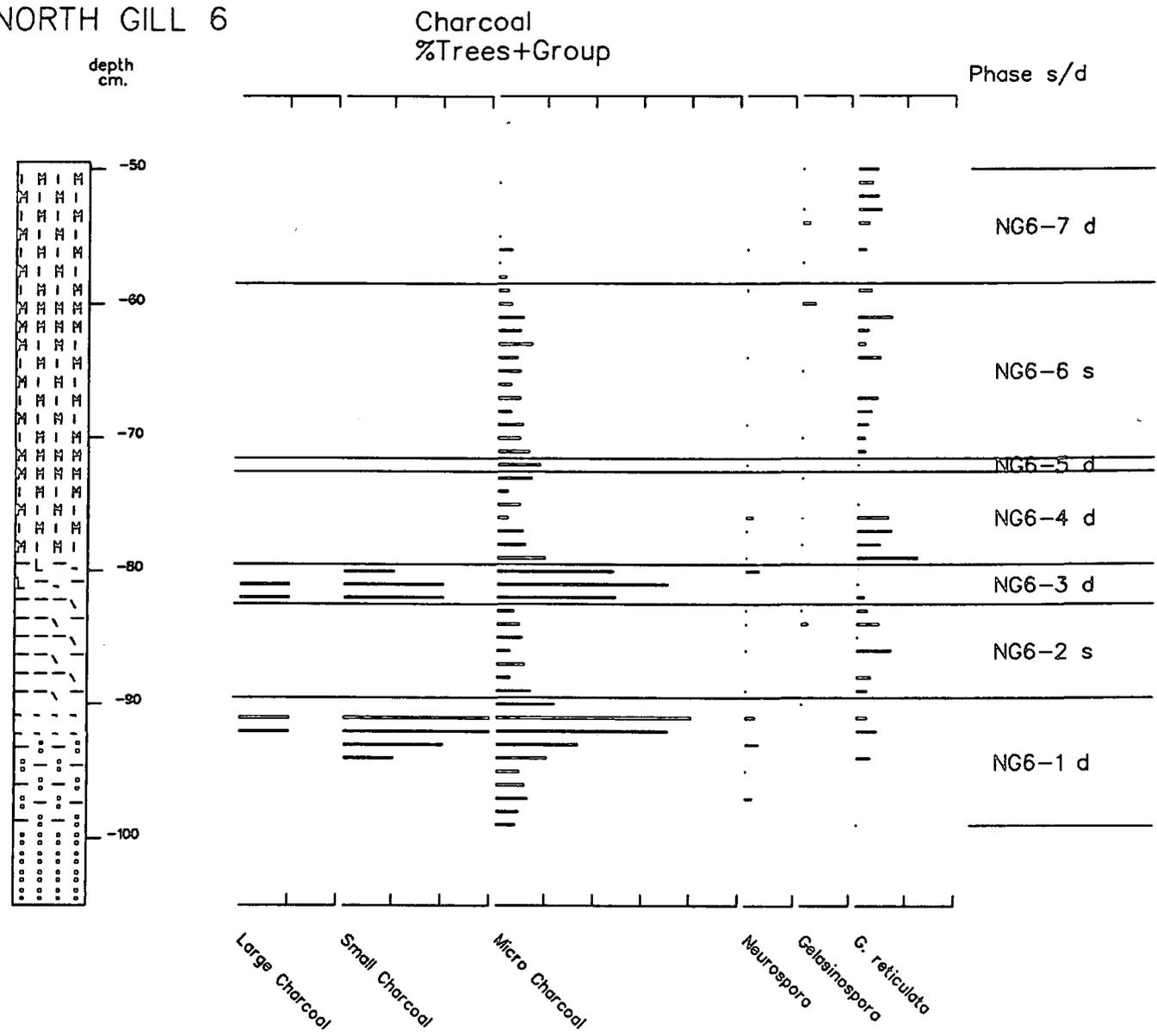
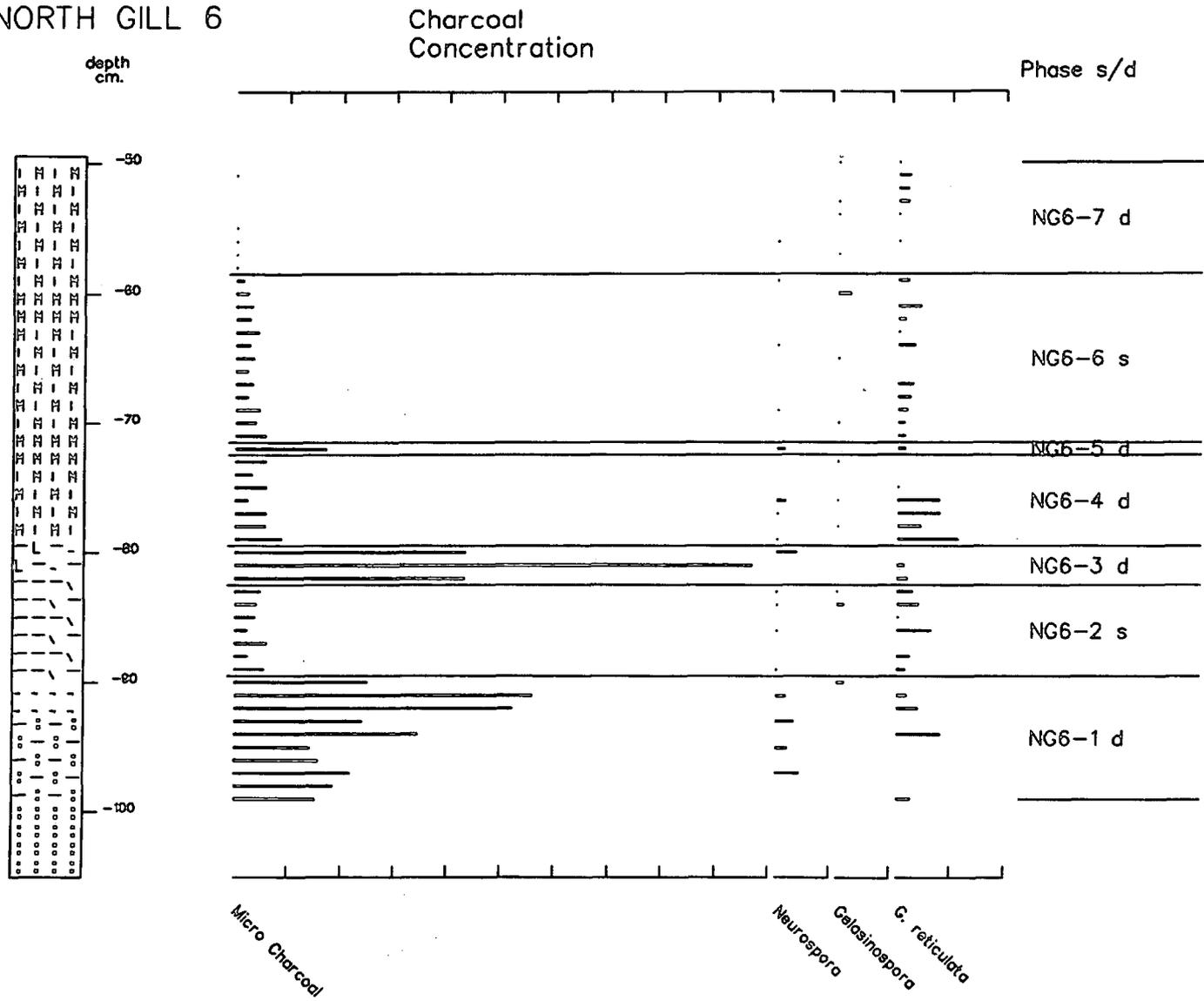


Figure 95. North Gill 6: centimetre intervals, charcoal percentages.

NORTH GILL 6



TAXA AXES IN 1000 GRAINS/CC UNITS

I.S. 1986

Figure 96. North Gill 6: centimetre intervals, charcoal concentrations.

NORTH GILL 6 (D2)

Interval 1 mm
%Trees+Group

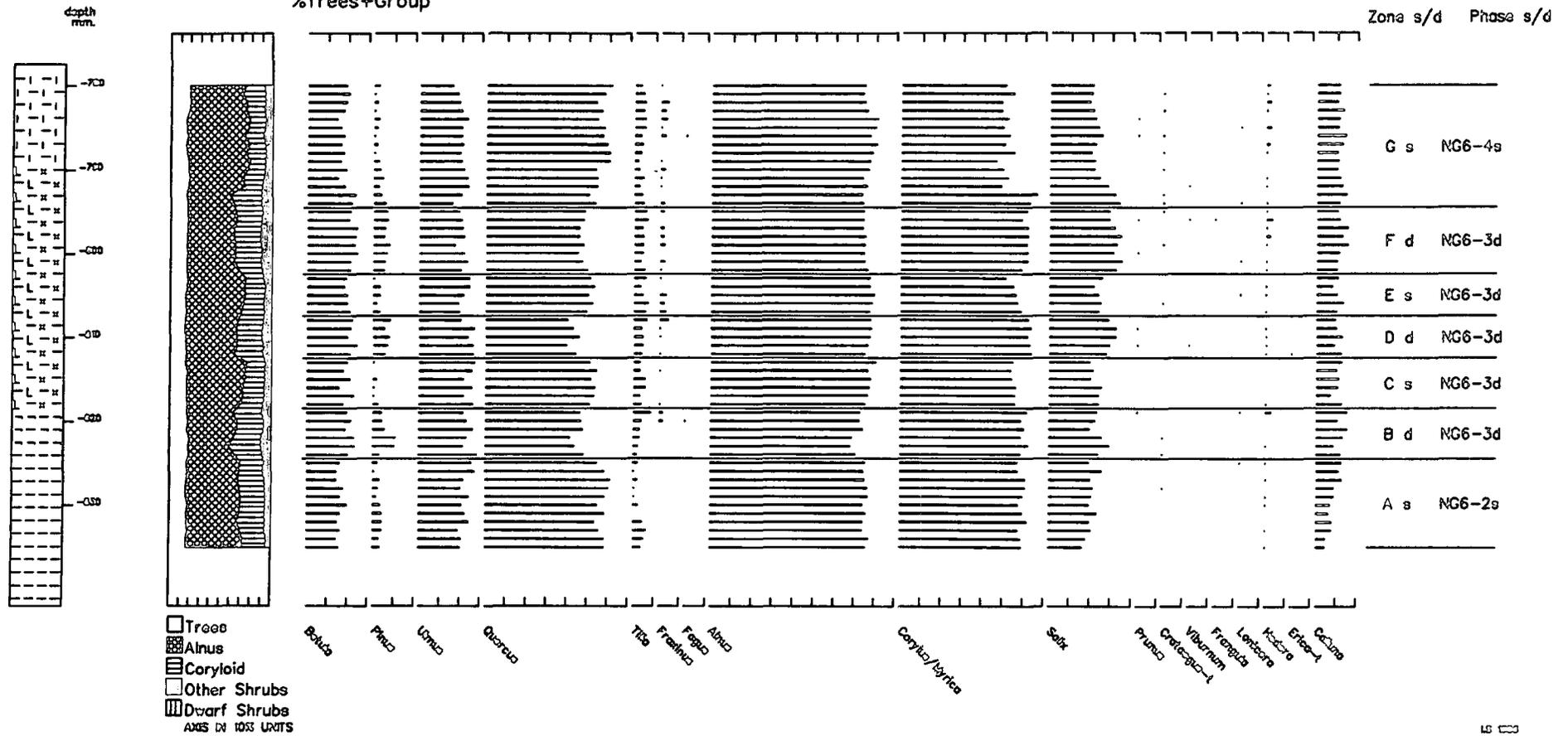
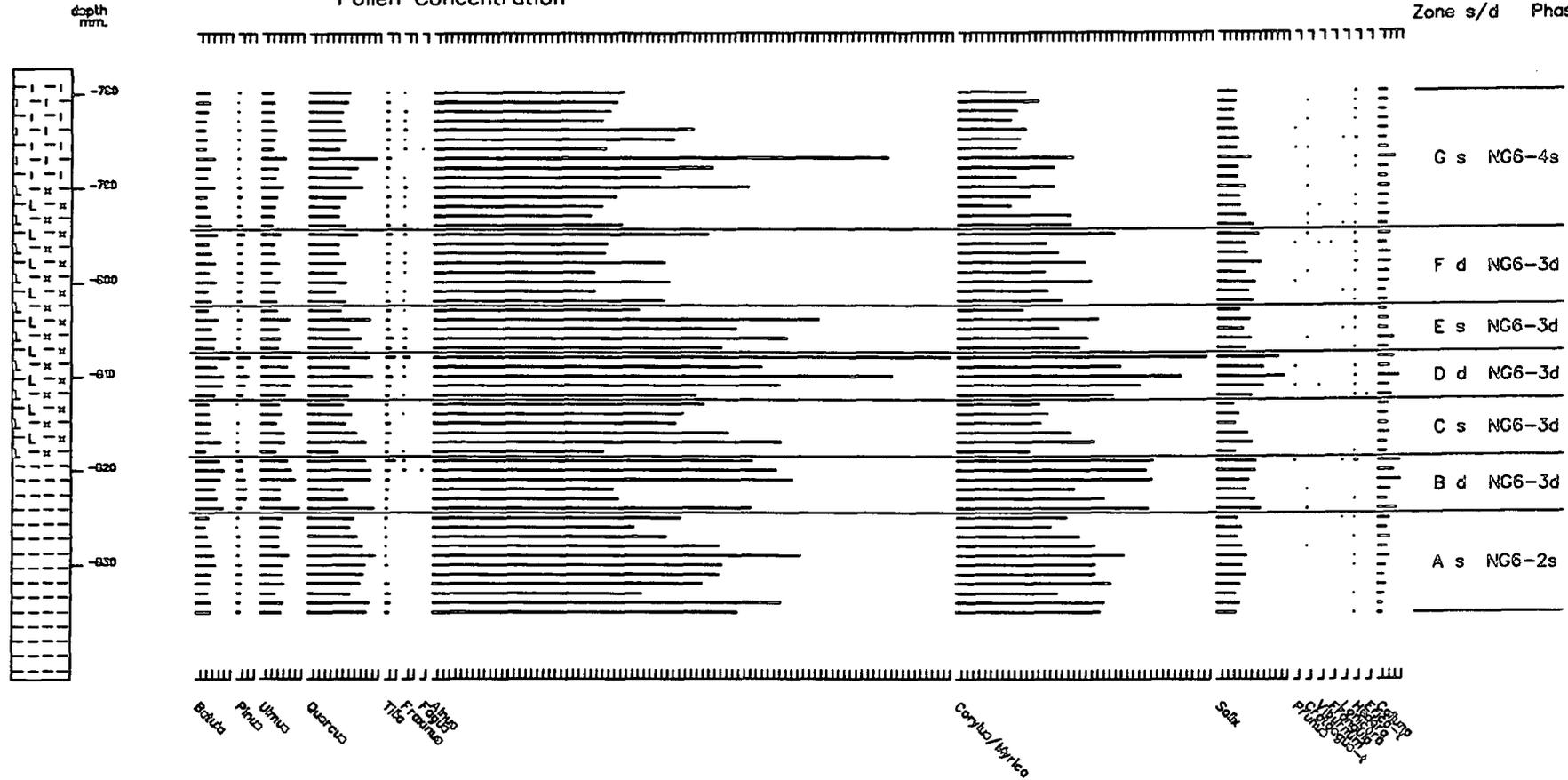


Figure 97. North Gill 6, phase D2: millimetre intervals, tree and shrub pollen percentages.

NORTH GILL 6 (D2)

Interval 1 mm
Pollen Concentration

Zone s/d Phase s/d



TAXA AXES IN 1000 GRAINS/CC UNITS

LS 230

Figure 99. North Gill 6, phase D2: millimetre intervals, tree and shrub pollen concentrations.

NORTH GILL 6 (D2)

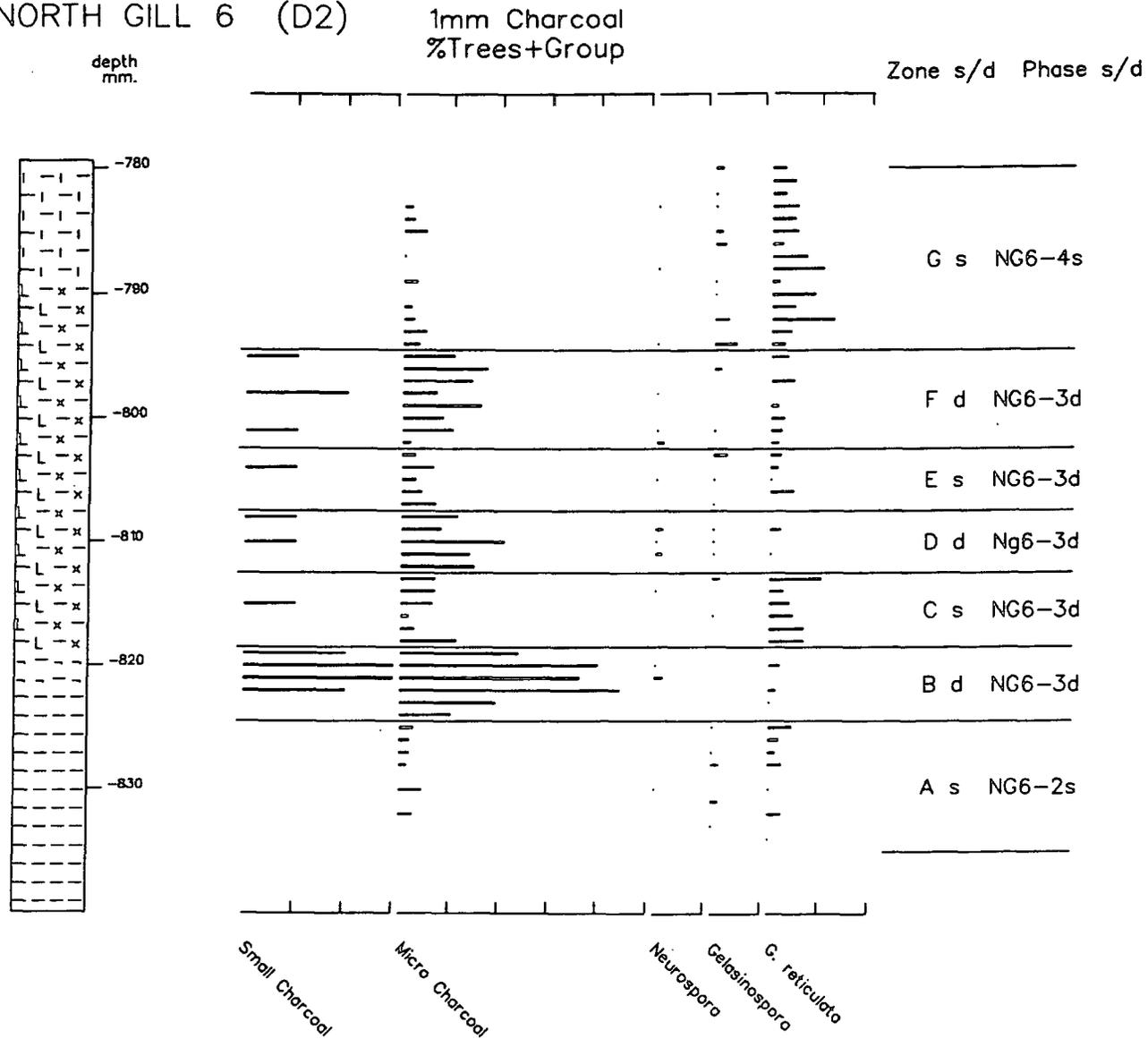
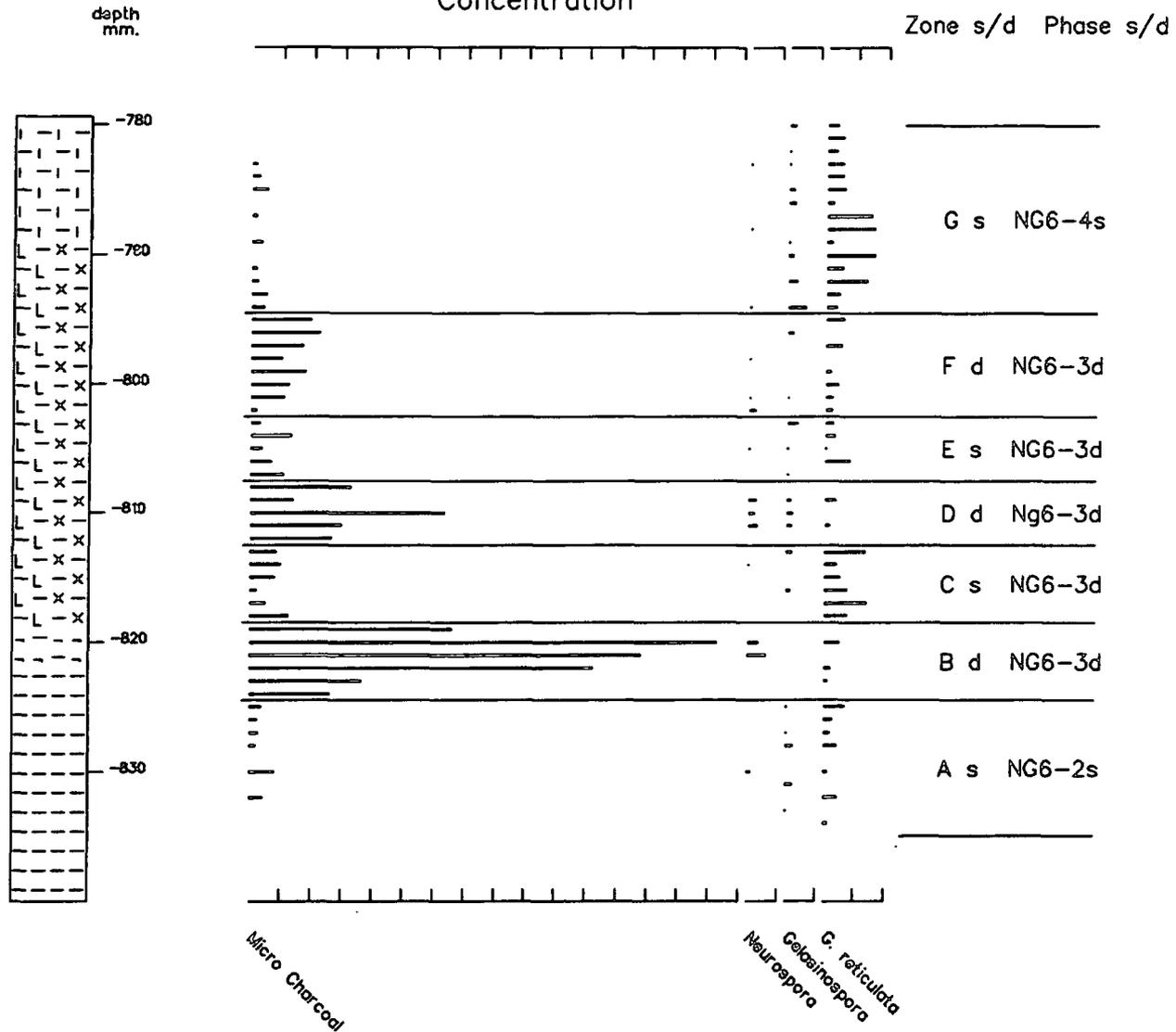


Figure 101. North Gill 6, phase D2: millimetre intervals, charcoal concentrations.

NORTH GILL 6 (D2)

1mm Charcoal
Concentration



TAXA AXES IN 1000 GRAINS/CC UNITS

I.S. 1986

Figure 102. North Gill 6, phase D2: millimetre intervals, charcoal concentrations.

NORTH GILL 7

Interval 1 cm
%Trees+Group

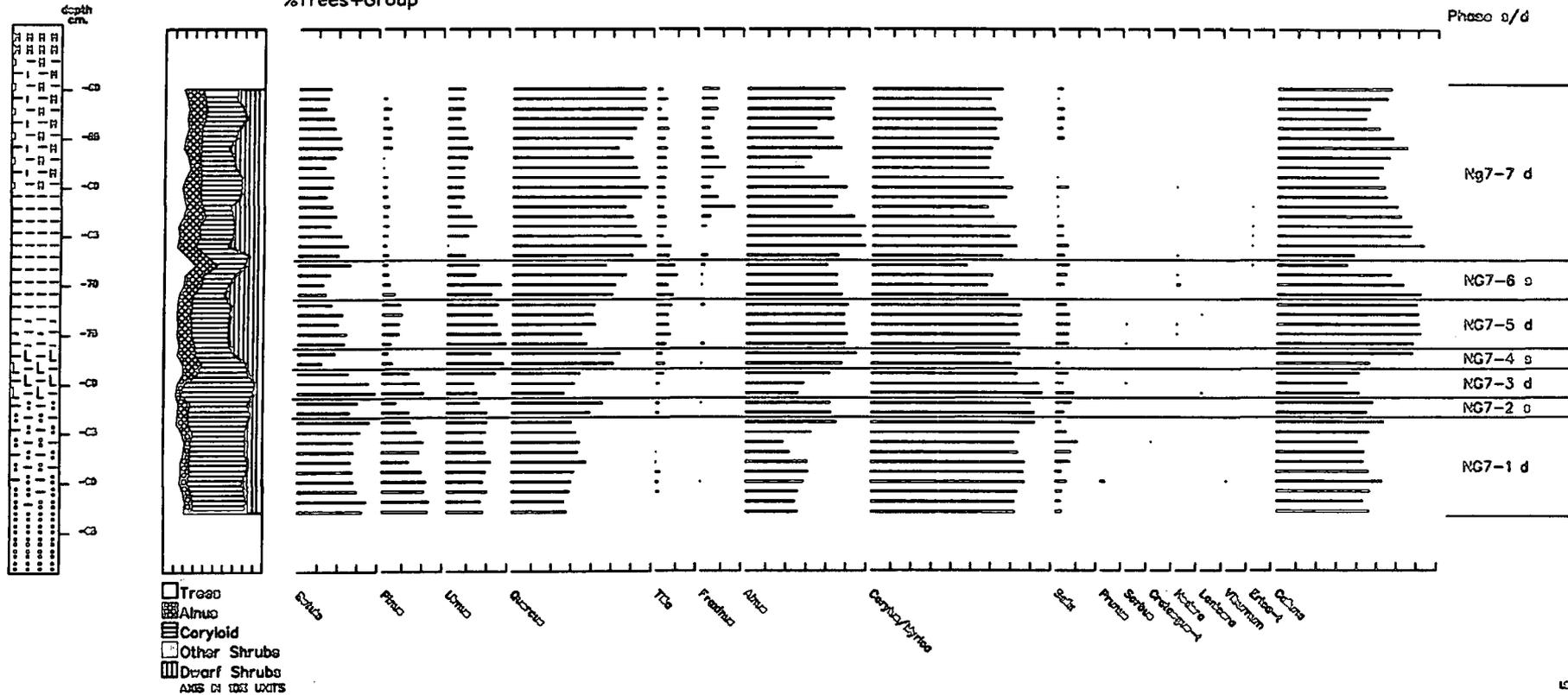


Figure 103. North Gill 7: centimetre intervals, tree and shrub pollen percentages.

NORTH GILL 7

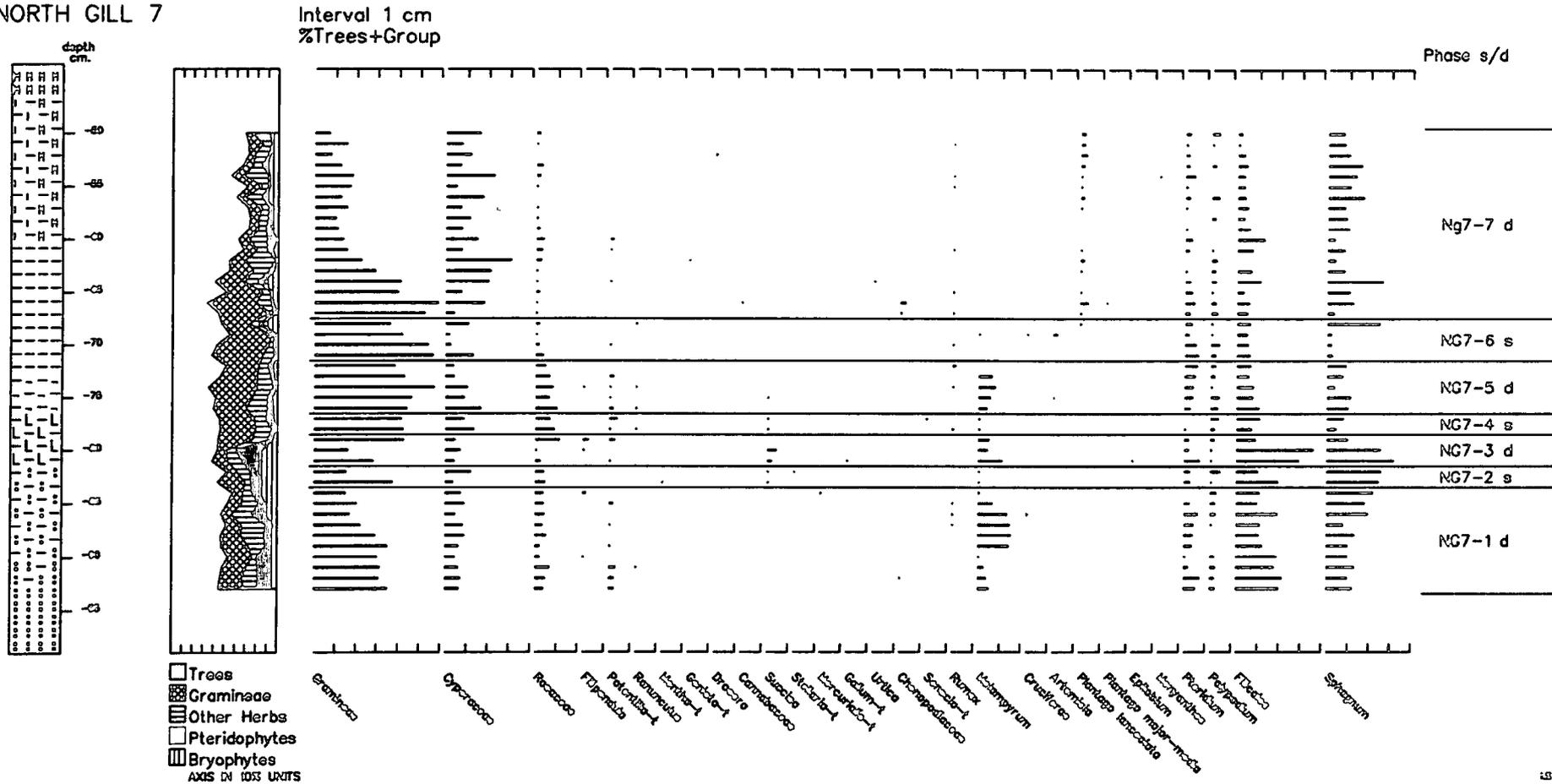


Figure 104. North Gill 7: centimetre intervals, herb pollen and spore percentages.

NORTH GILL 7

Interval 1 cm
Pollen Concentration

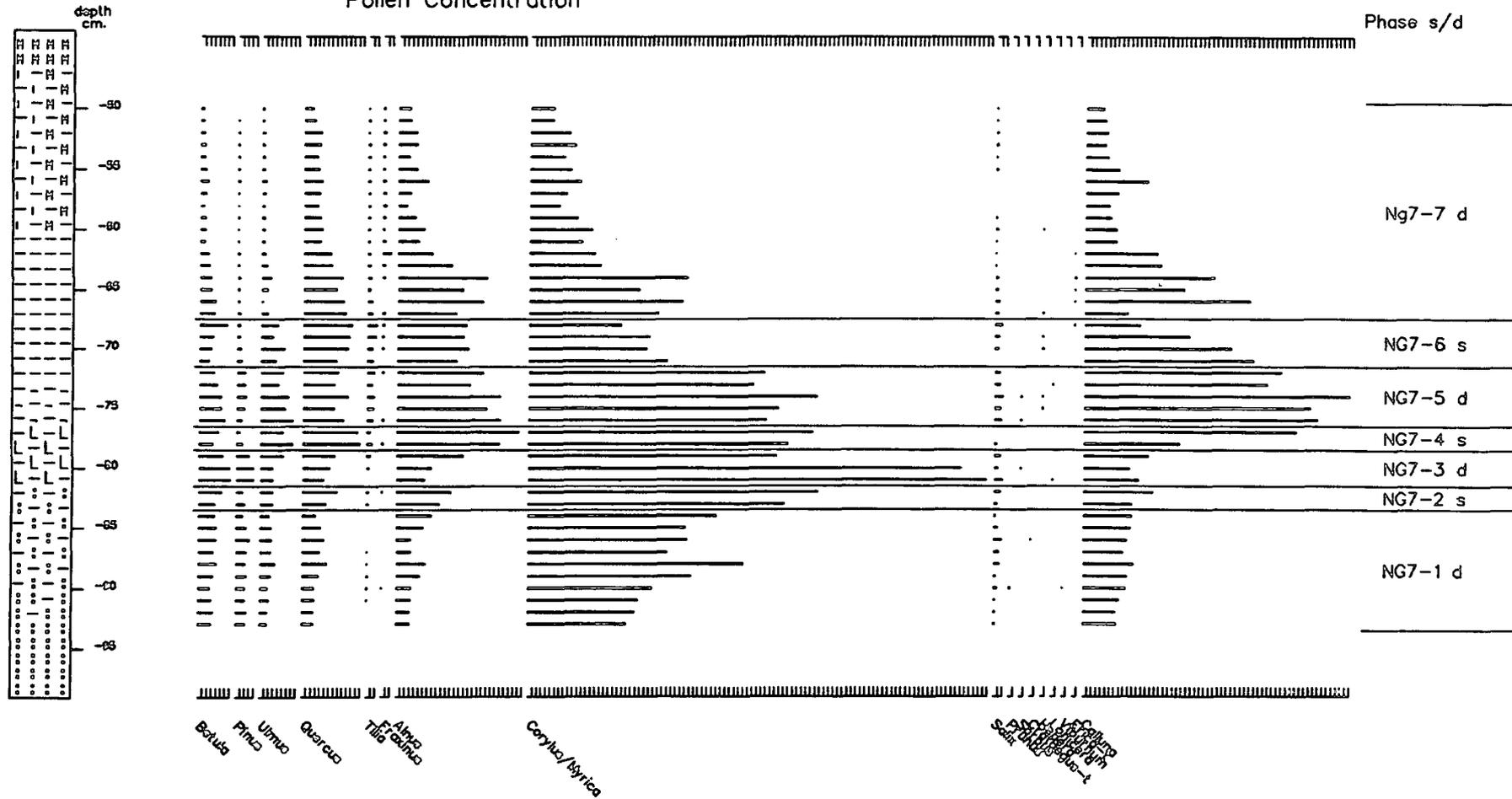


Figure 105. North Gill 7: centimetre intervals, tree and shrub pollen concentrations.

NORTH GILL 7

Interval 1 cm
Pollen Concentration

Phase s/d

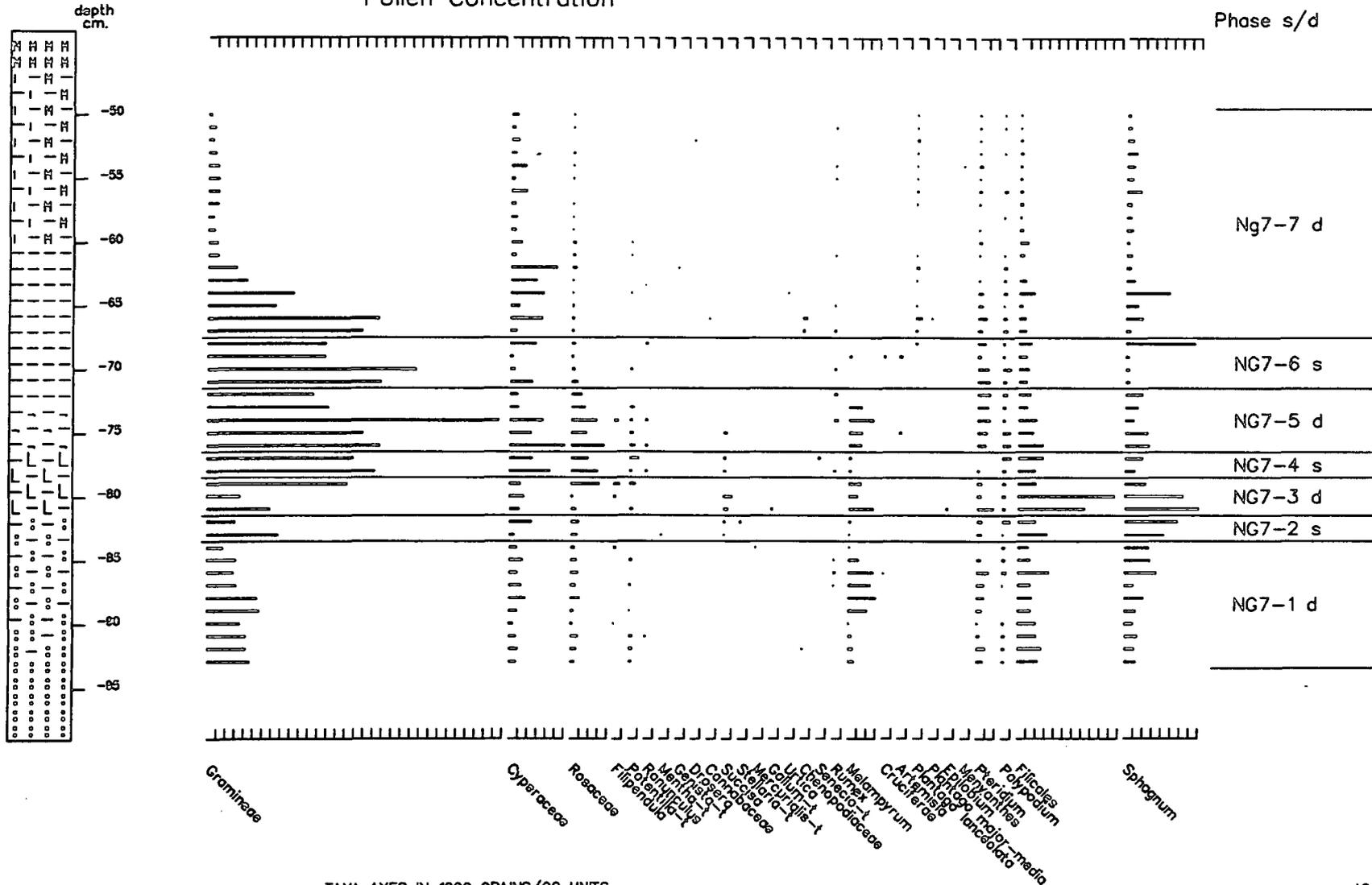


Figure 106. North Gill 7: centimetre intervals, herb pollen and spore concentrations.

NORTH GILL 7

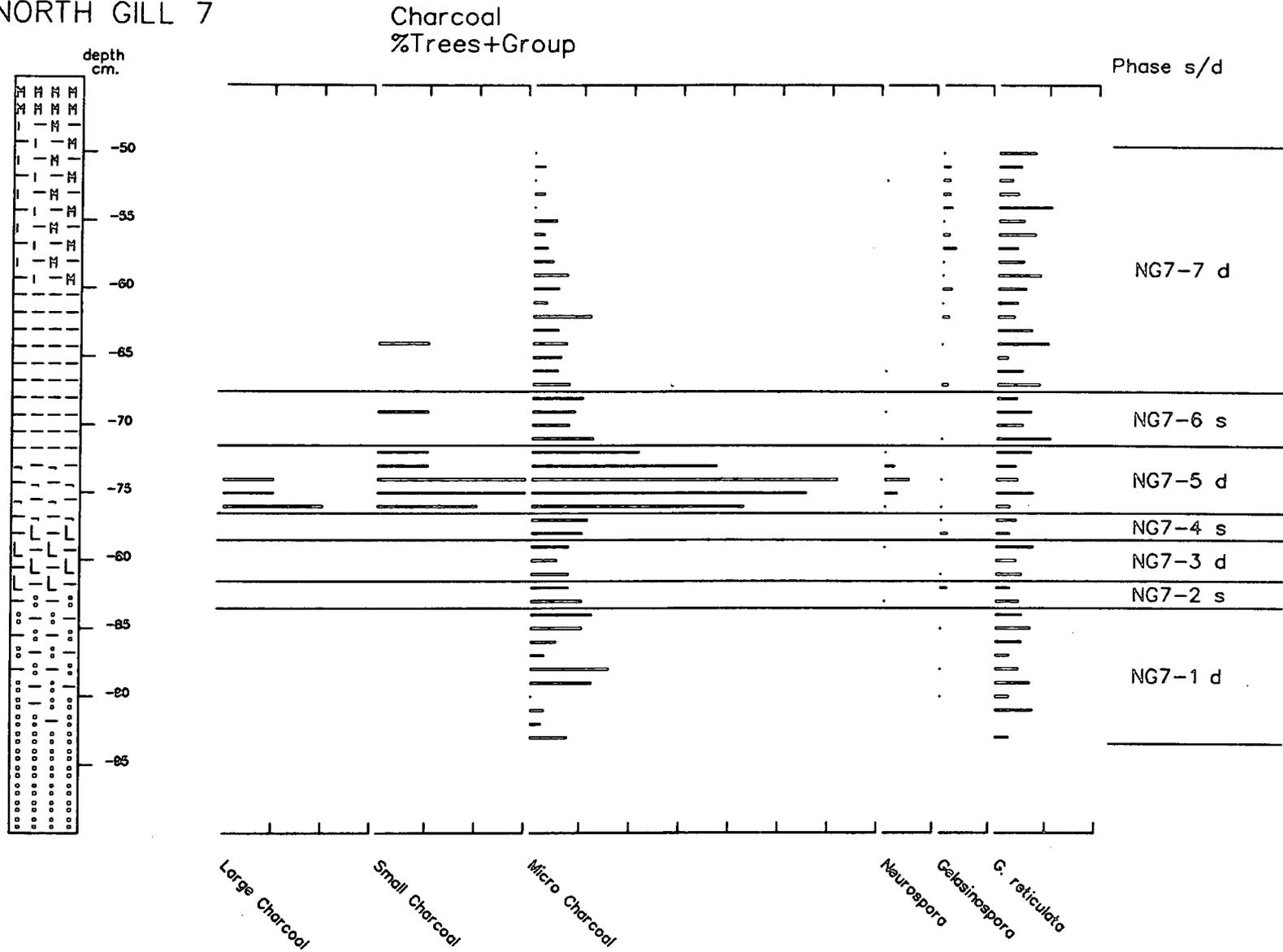
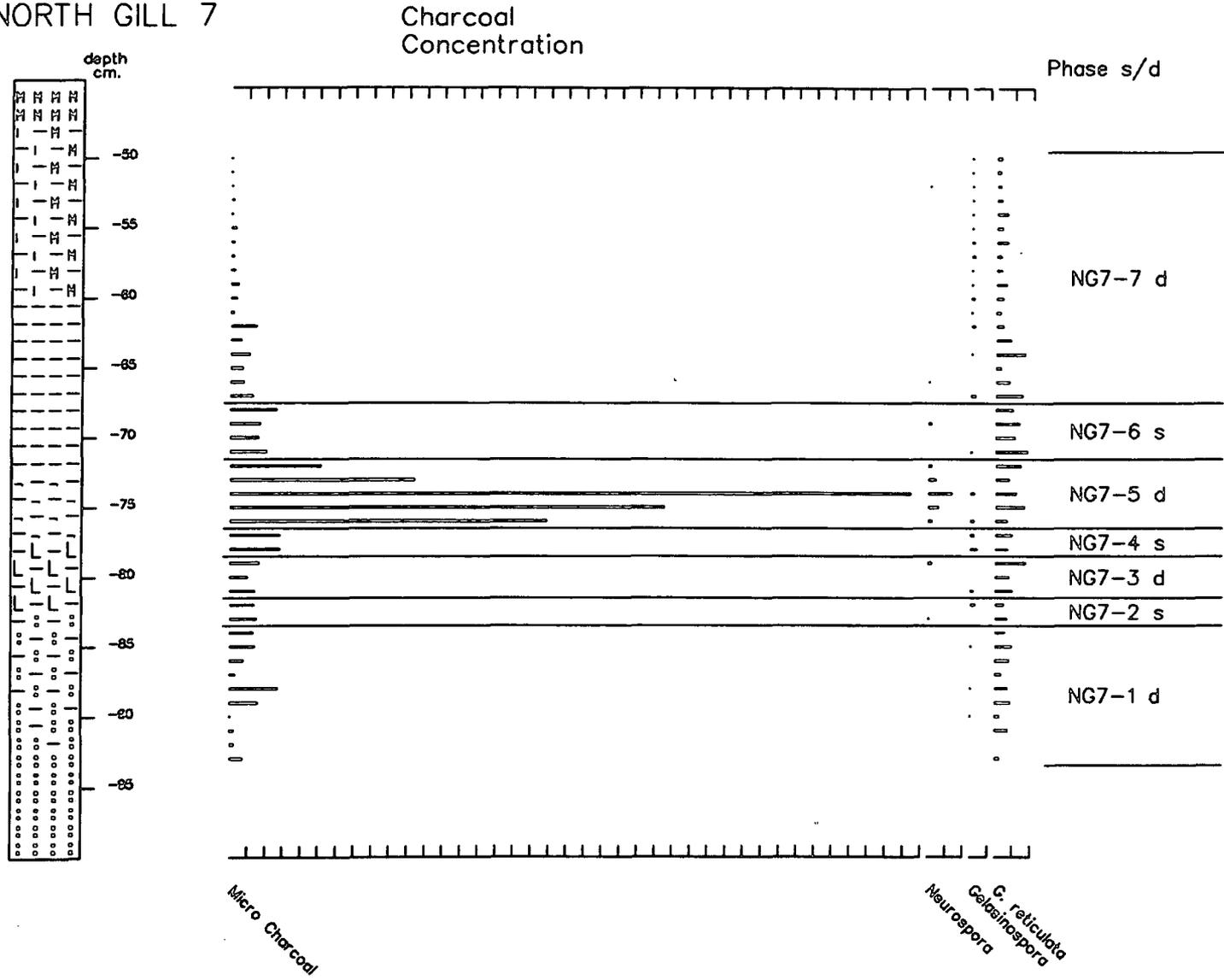


Figure 107. North Gill 7: centimetre intervals, charcoal percentages.

NORTH GILL 7



TAXA AXES IN 1000 GRAINS/CC UNITS

LS 1288

Figure 108. North Gill 7: centimetre intervals, charcoal concentrations.

NORTH GILL 7 (D2)

Interval 1 mm
%Trees+Group

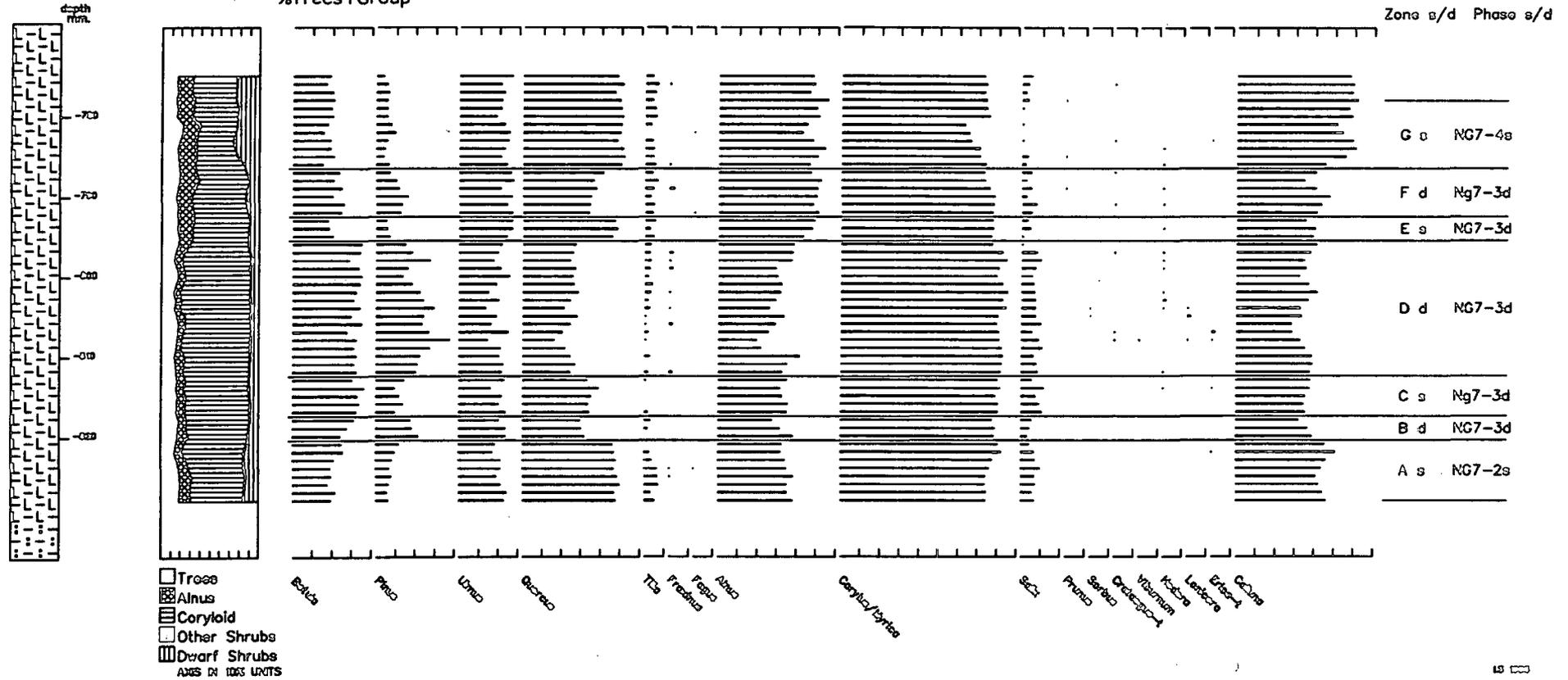


Figure 109. North Gill 7, phase D2: millimetre intervals, tree and shrub pollen percentages.

NORTH GILL 7 (D2)

Interval 1 mm
Pollen Concentration

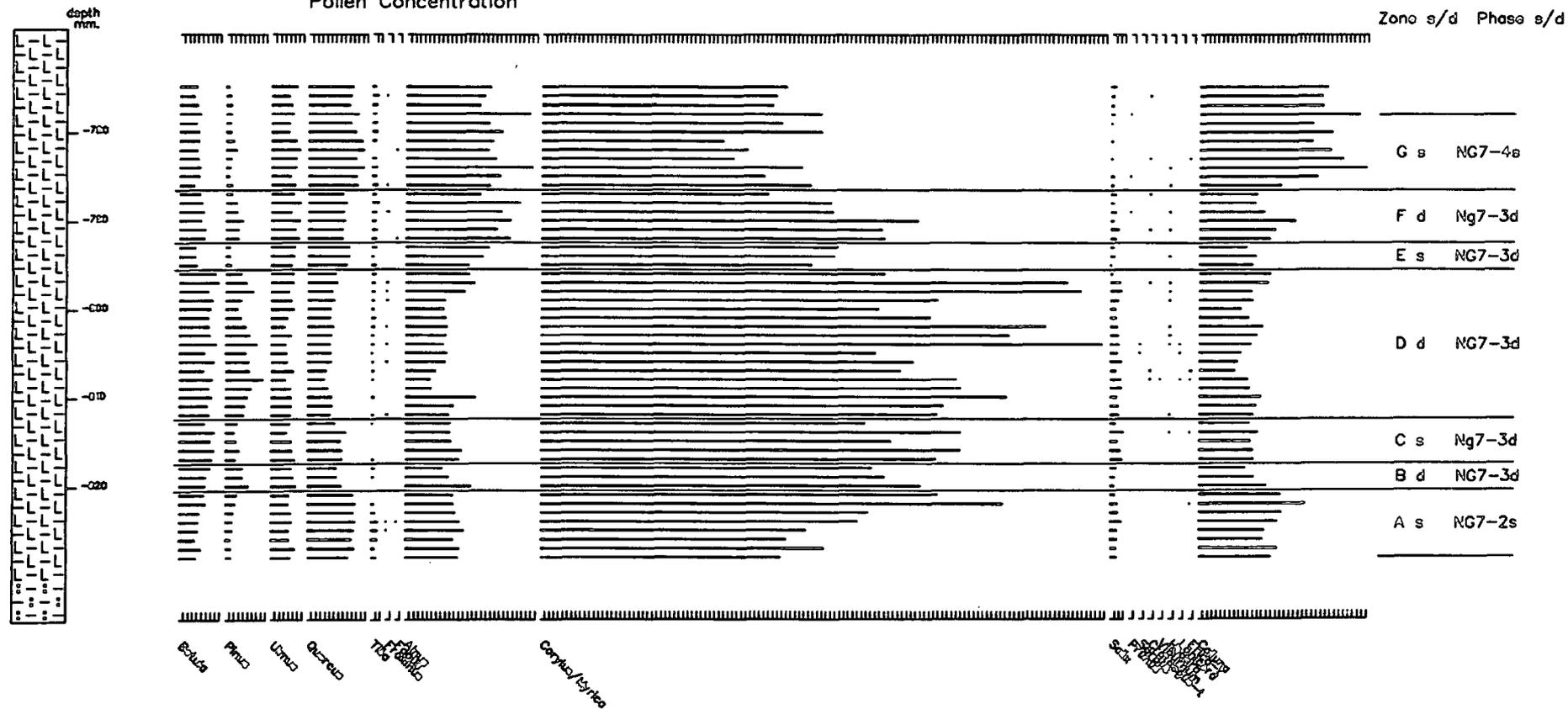
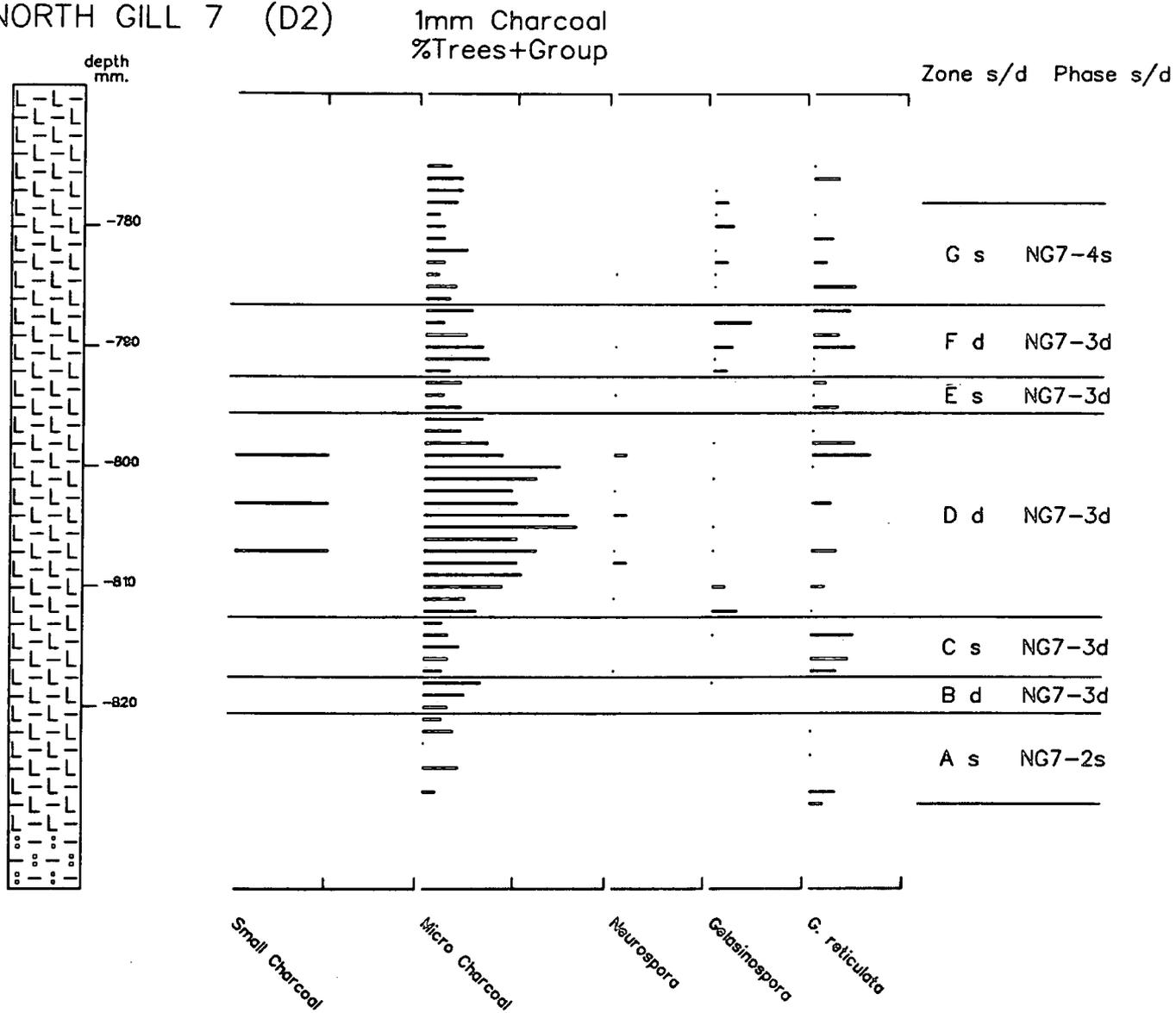


Figure 111. North Gill 7, phase D2: millimetre intervals, tree and shrub pollen concentrations.

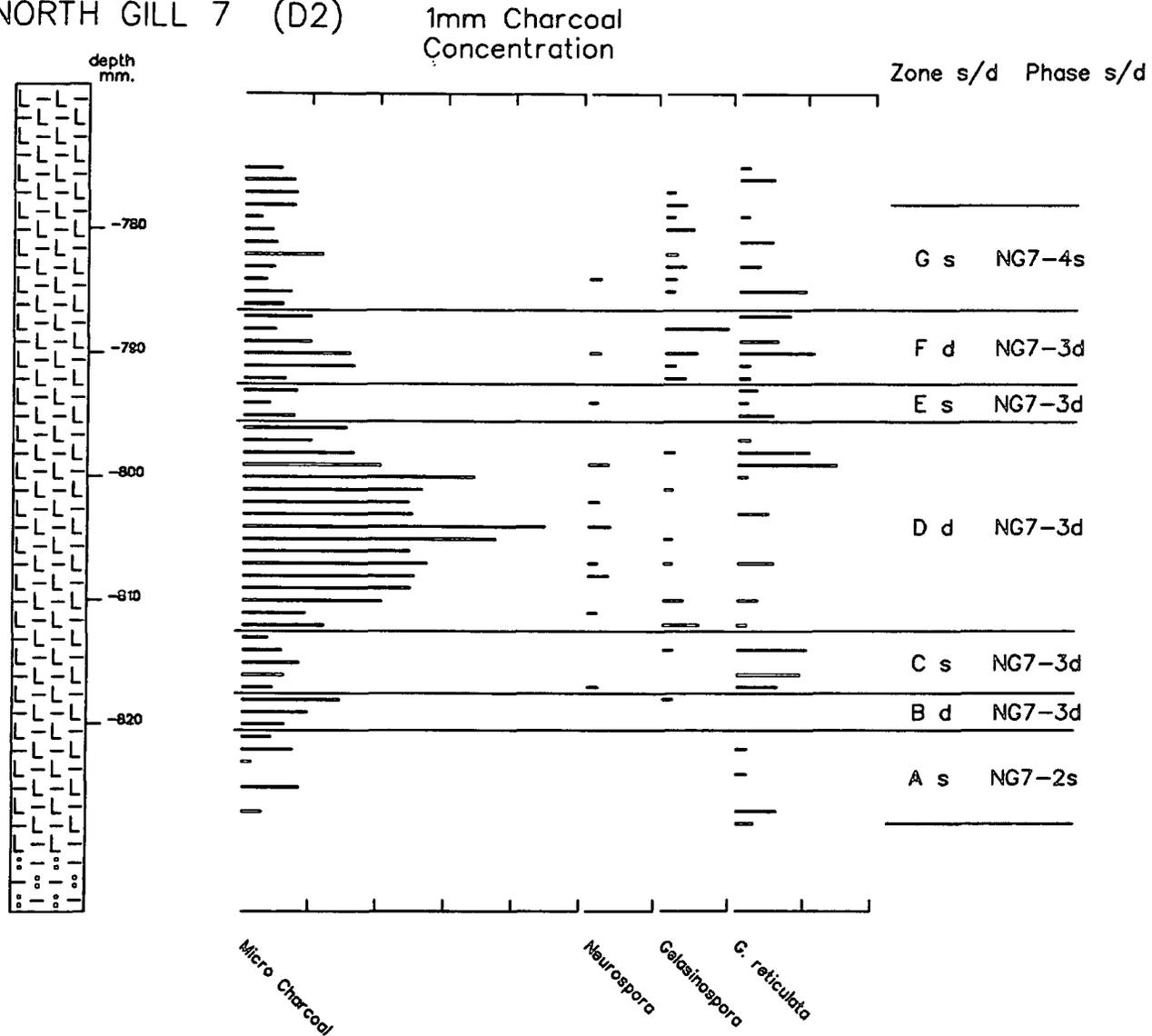
NORTH GILL 7 (D2)



LS 1986

Figure 113. North Gill 7, phase D2: millimetre intervals, charcoal percentages.

NORTH GILL 7 (D2)



TAXA AXES IN 1000 GRAINS/CC UNITS

LS 1238

Figure 114. North Gill 7, phase D2: millimetre intervals, charcoal concentrations.

NORTH GILL 8

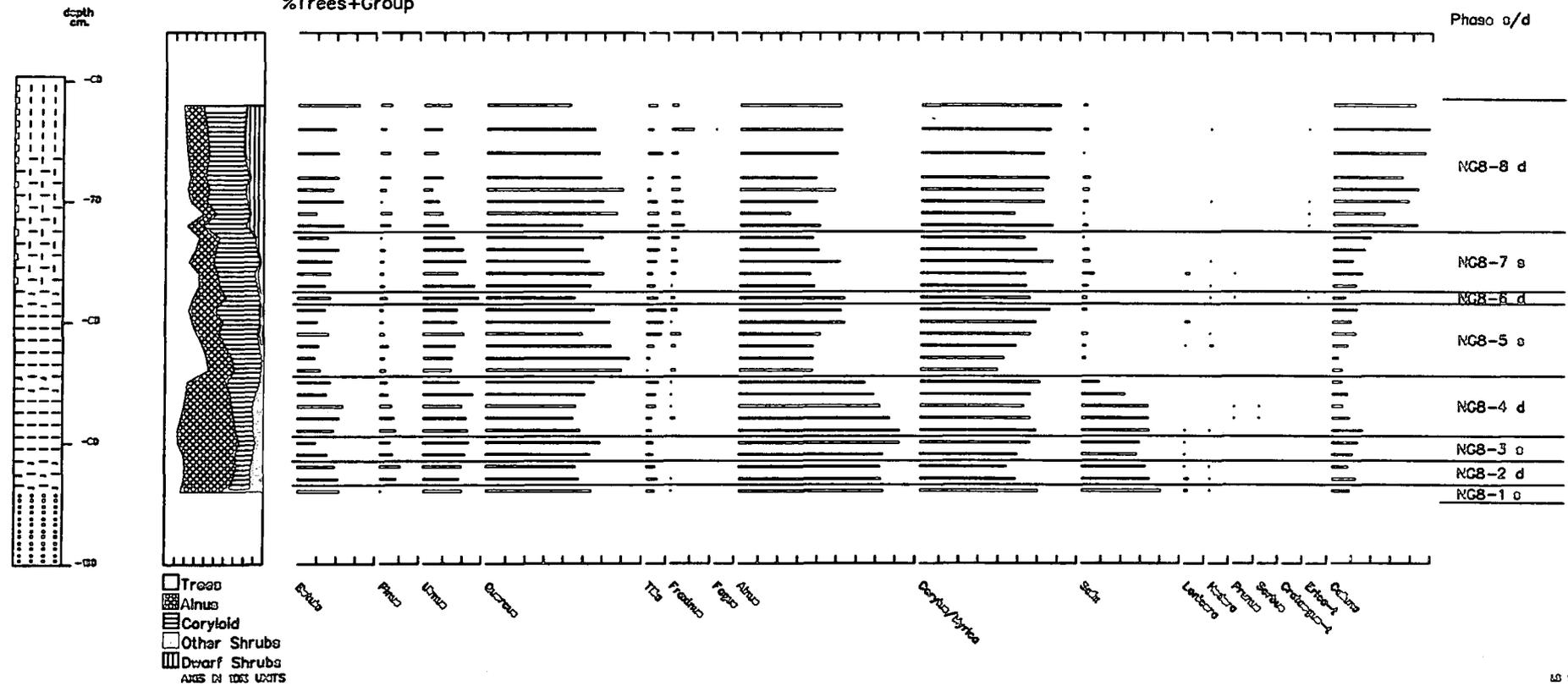


Figure 115. North Gill 8: centimetre intervals, tree and shrub pollen percentages.

NORTH GILL 8

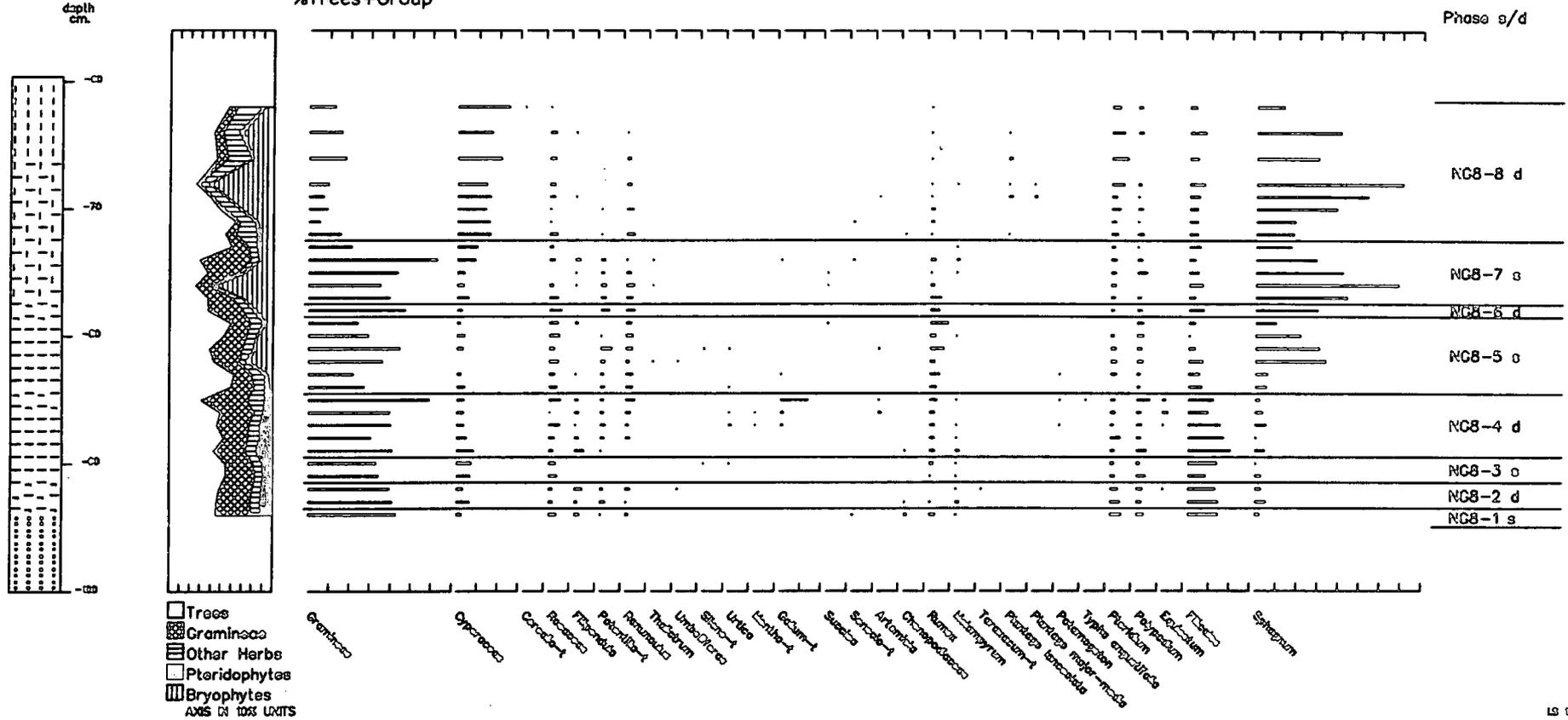


Figure 116. North Gill 8: centimetre intervals, herb pollen and shrub percentages.

NORTH GILL 8

Interval 1 cm
Pollen Concentration

Phase s/d

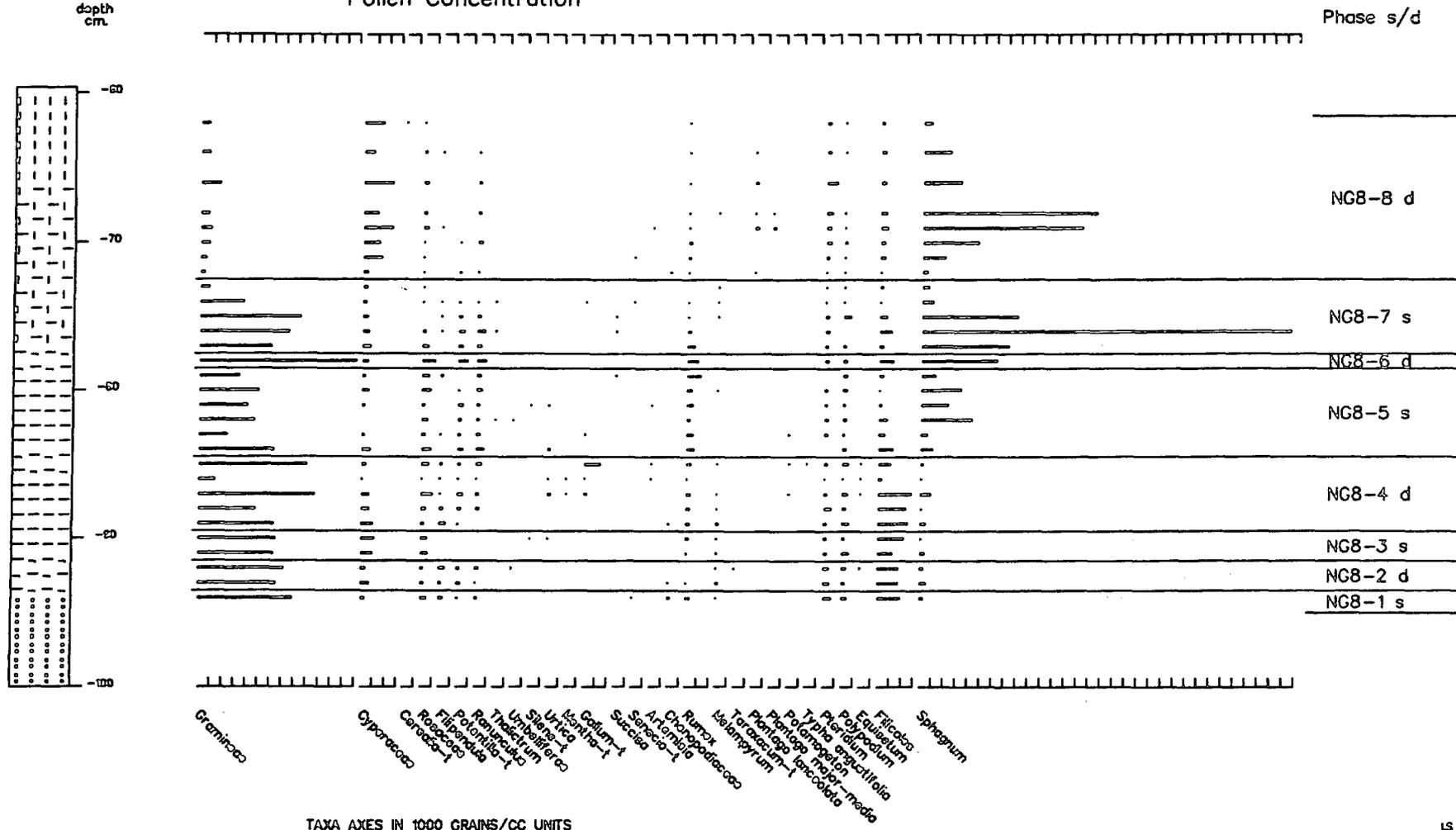


Figure 118. North Gill 8: centimetre intervals, herb pollen and shrub concentrations.

NORTH GILL 8

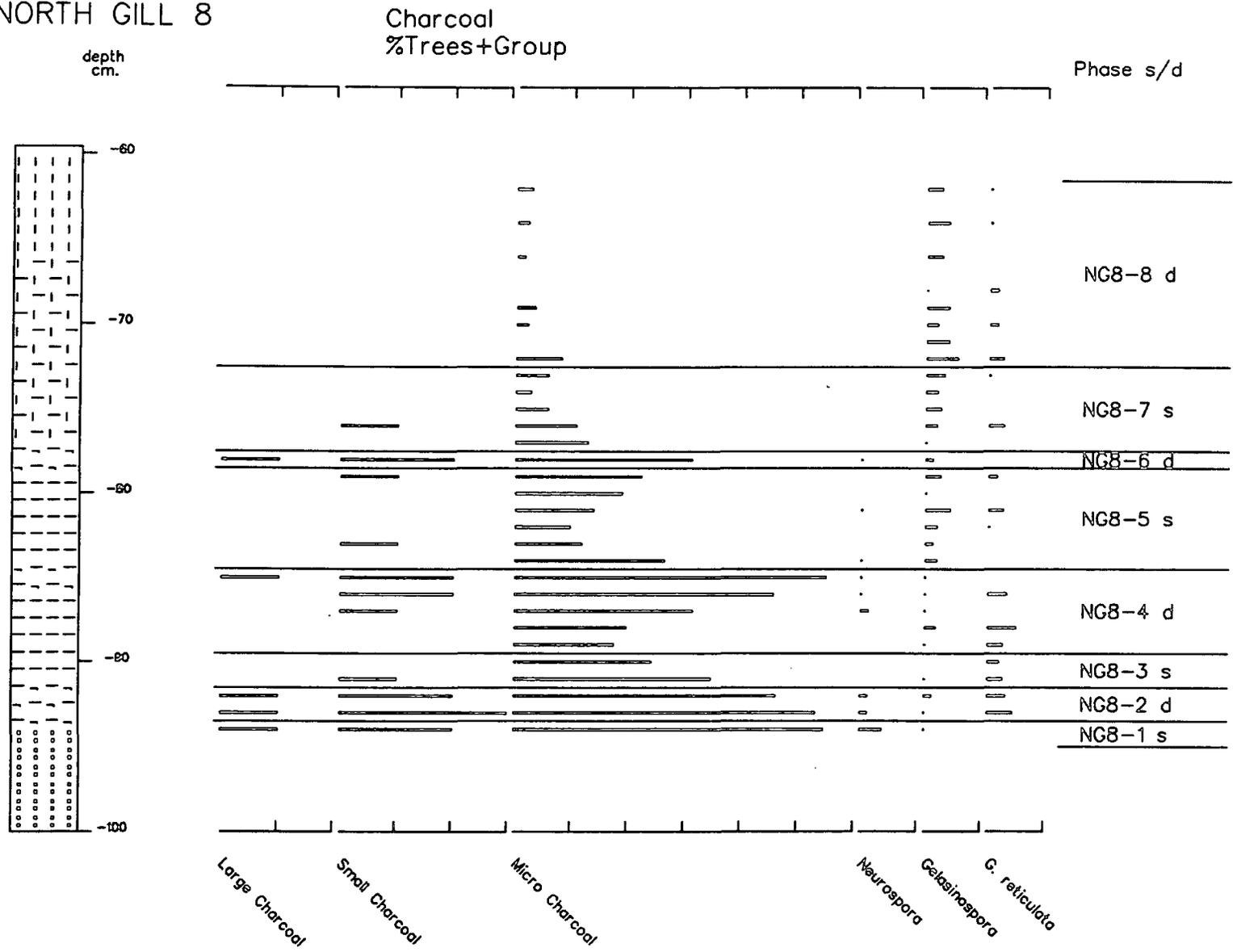
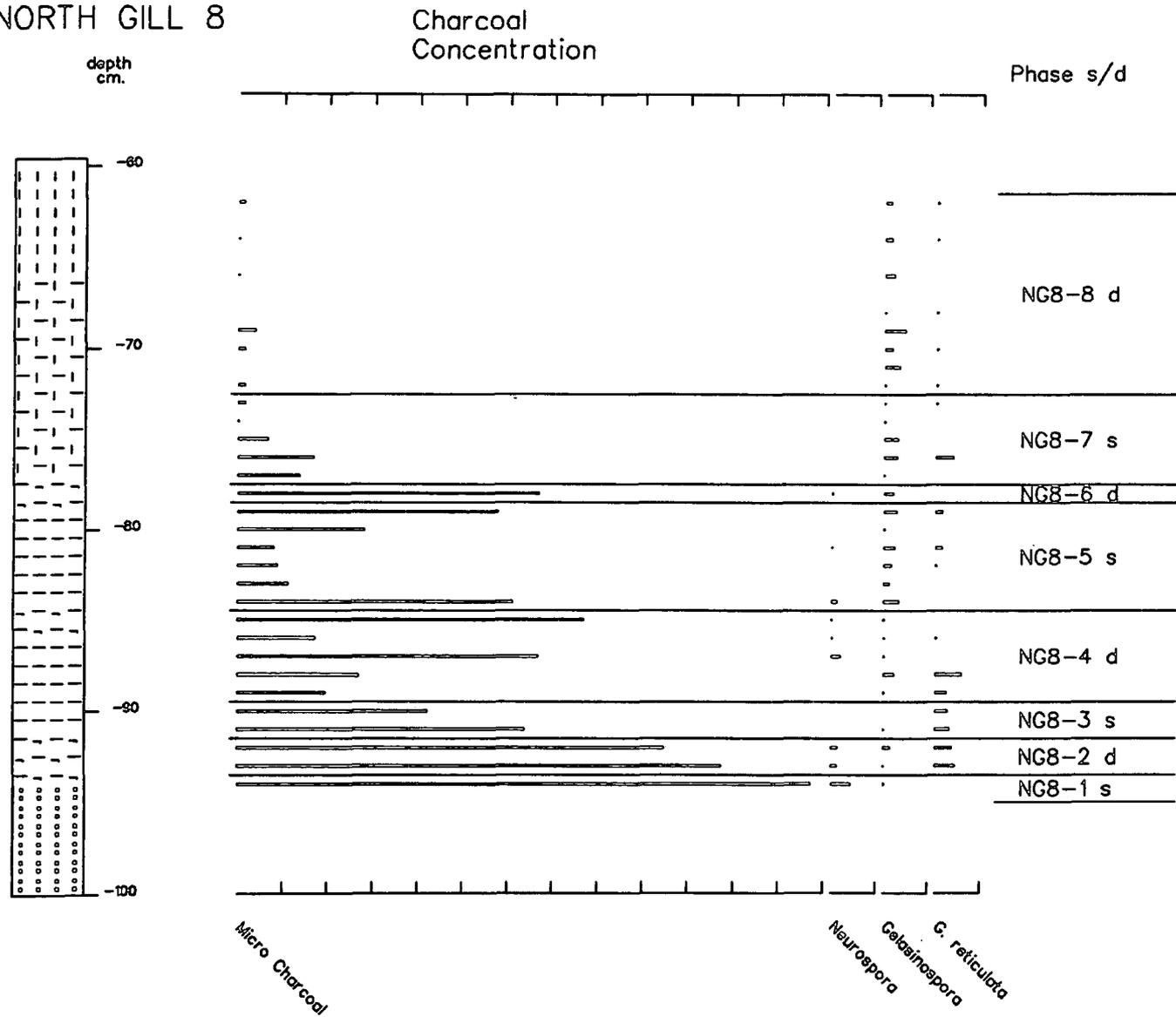


Figure 119. North Gill 8: centimetre intervals, charcoal percentages.

NORTH GILL 8

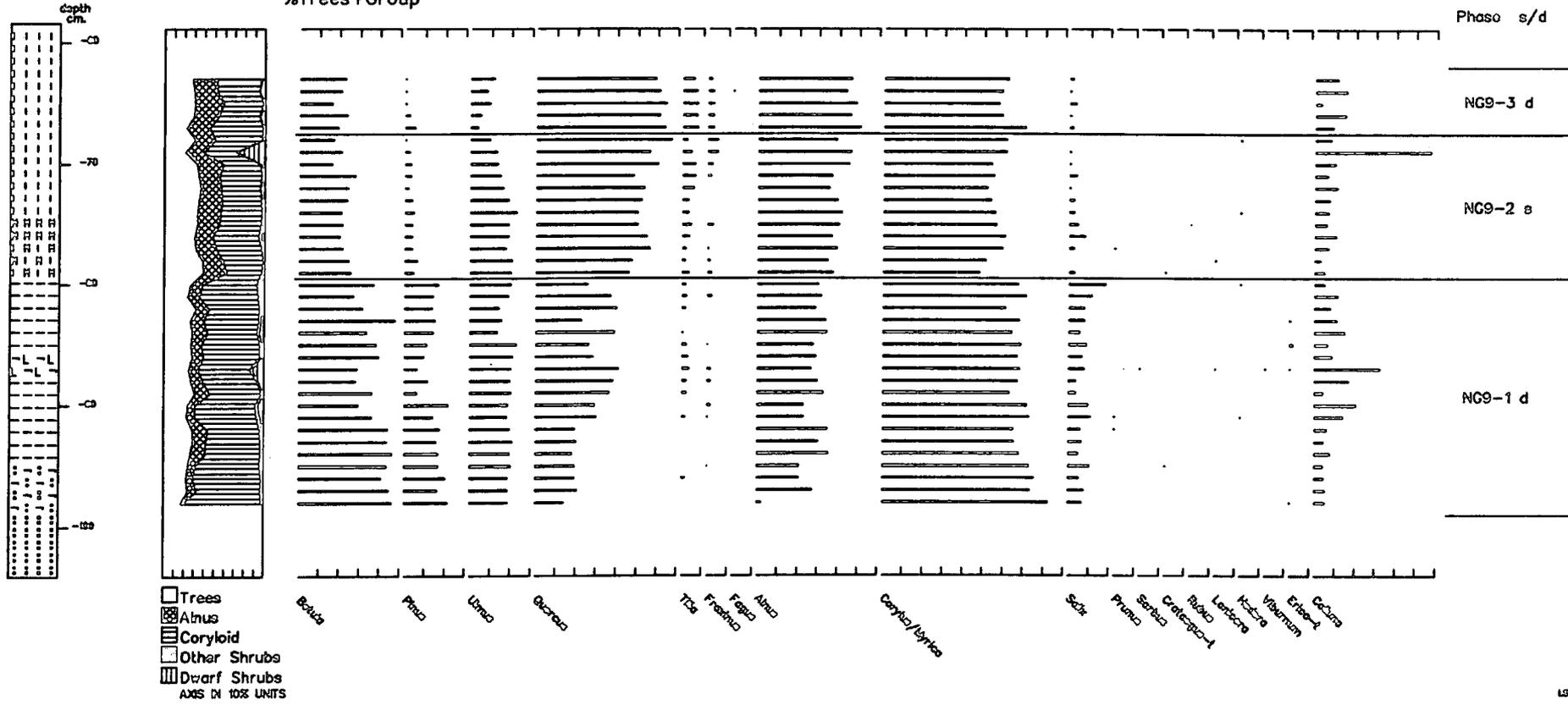


TAXA AXES IN 1000 GRAINS/CC UNITS

I.S. 1986

Figure 120. North Gill 8: centimetre intervals, charcoal concentrations.

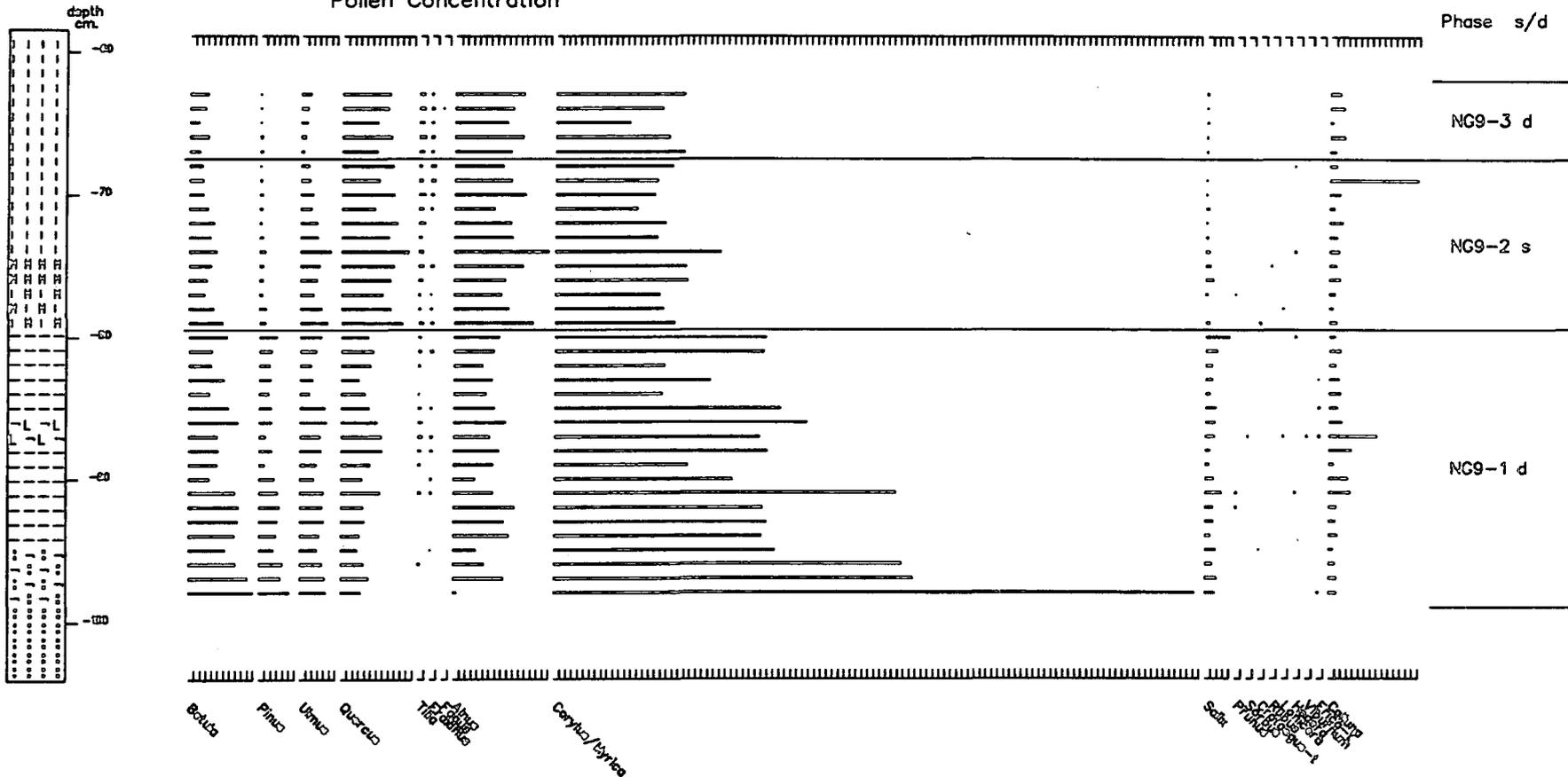
NORTH GILL 9



NORTH GILL 9

Interval 1 cm
Pollen Concentration

Phase s/d



TAXA AXES IN 1000 GRAINS/CC UNITS

LS 1124

Figure 123. North Gill 9: centimetre intervals, tree and shrub pollen concentrations.

NORTH GILL 9

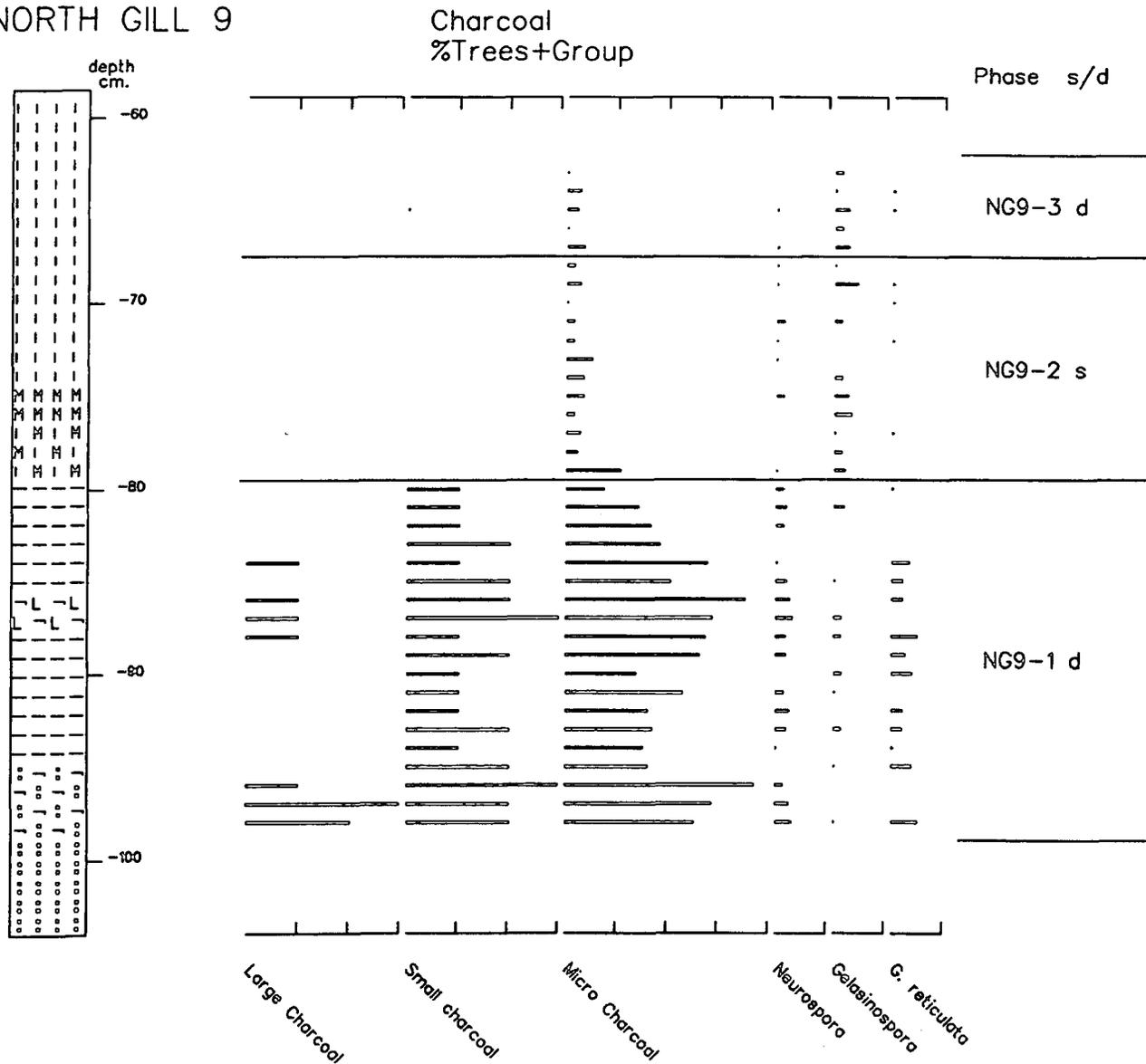
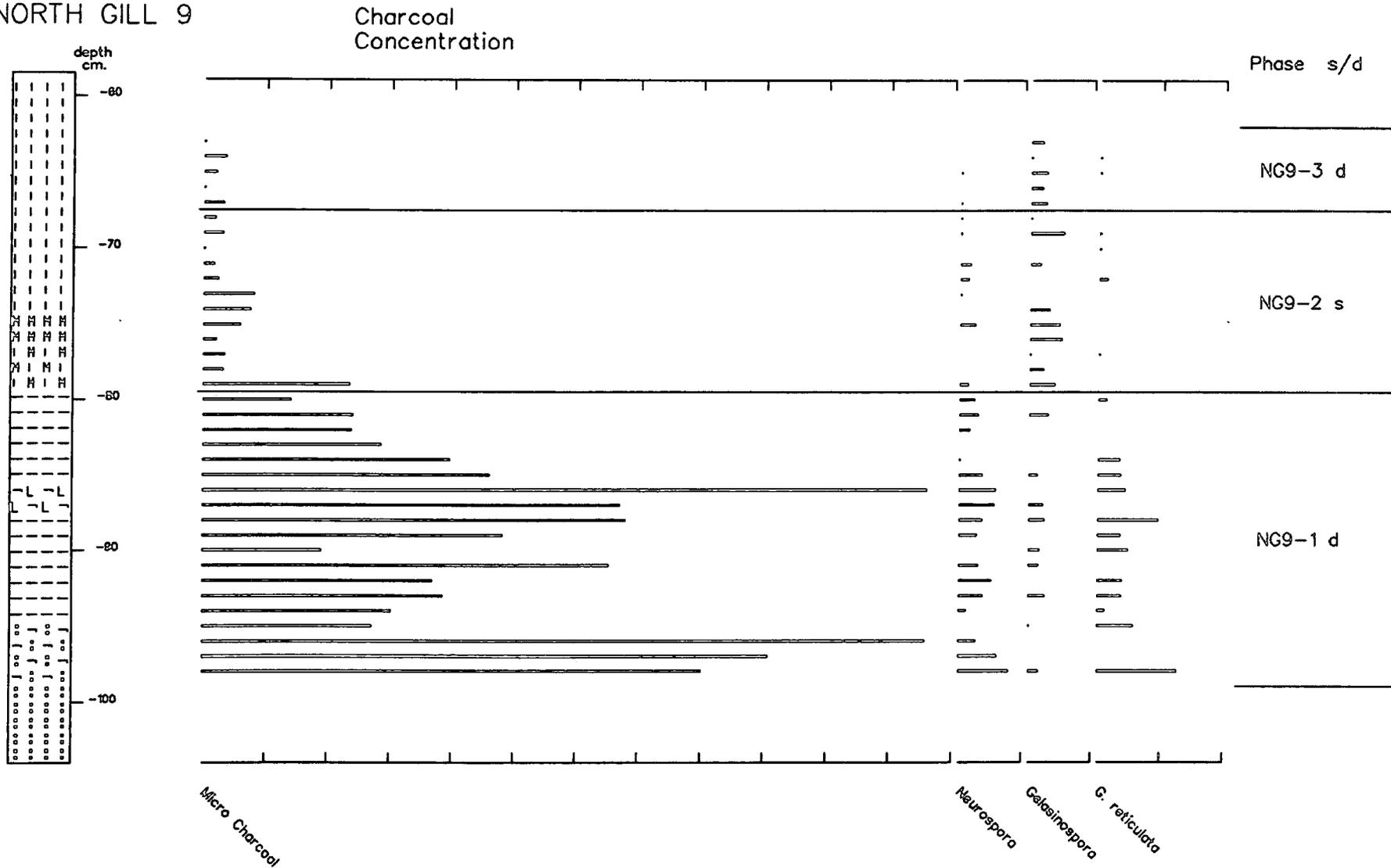


Figure 125. North Gill 9: centimetre intervals, charcoal percentages.

NORTH GILL 9



TAXA AXES IN 1000 GRAINS/CC UNITS

LS 1236

Figure 126. North Gill 9: centimetre intervals, charcoal concentrations.

NORTH GILL 9A

Interval 5mm
%Trees+Group

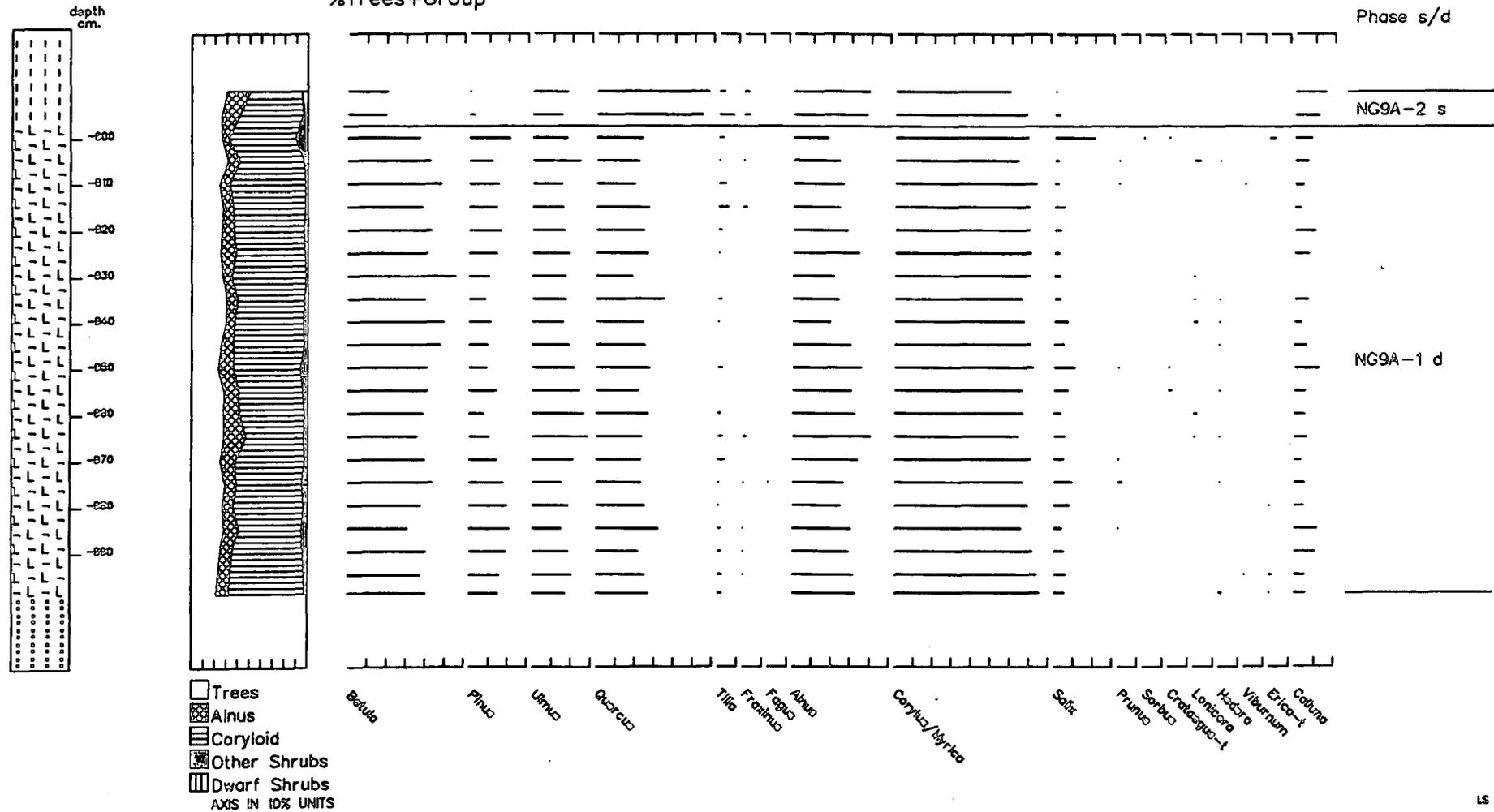


Figure 127. North Gill 9A: 5 millimetre intervals, tree and shrub pollen percentages.

NORTH GILL 9A

Interval 5mm
%Trees+Group

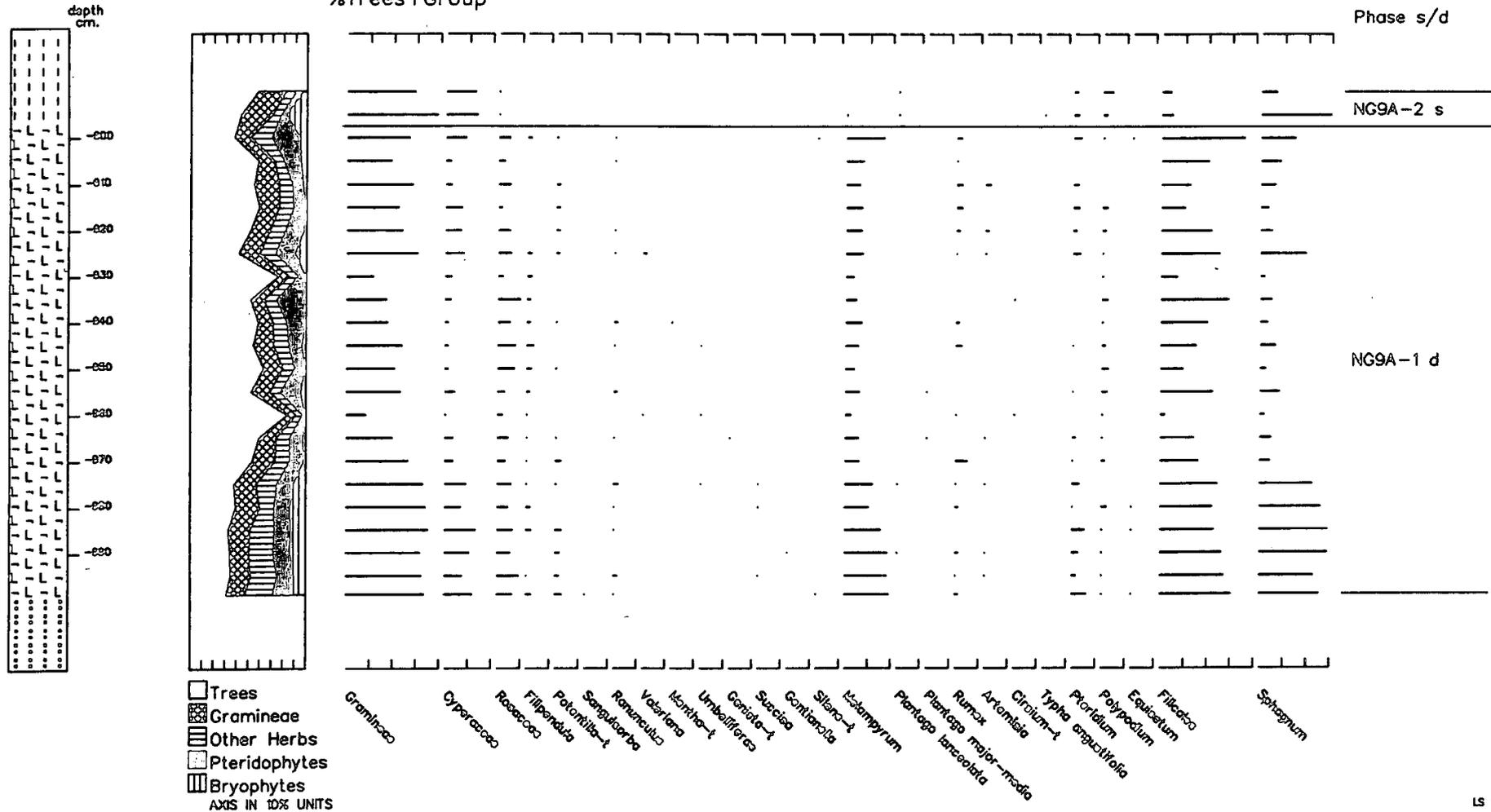


Figure 128. North Gill 9A: 5 millimetre intervals, herb pollen and spore percentages.

NORTH GILL 9A

Interval 5mm
Pollen Concentration

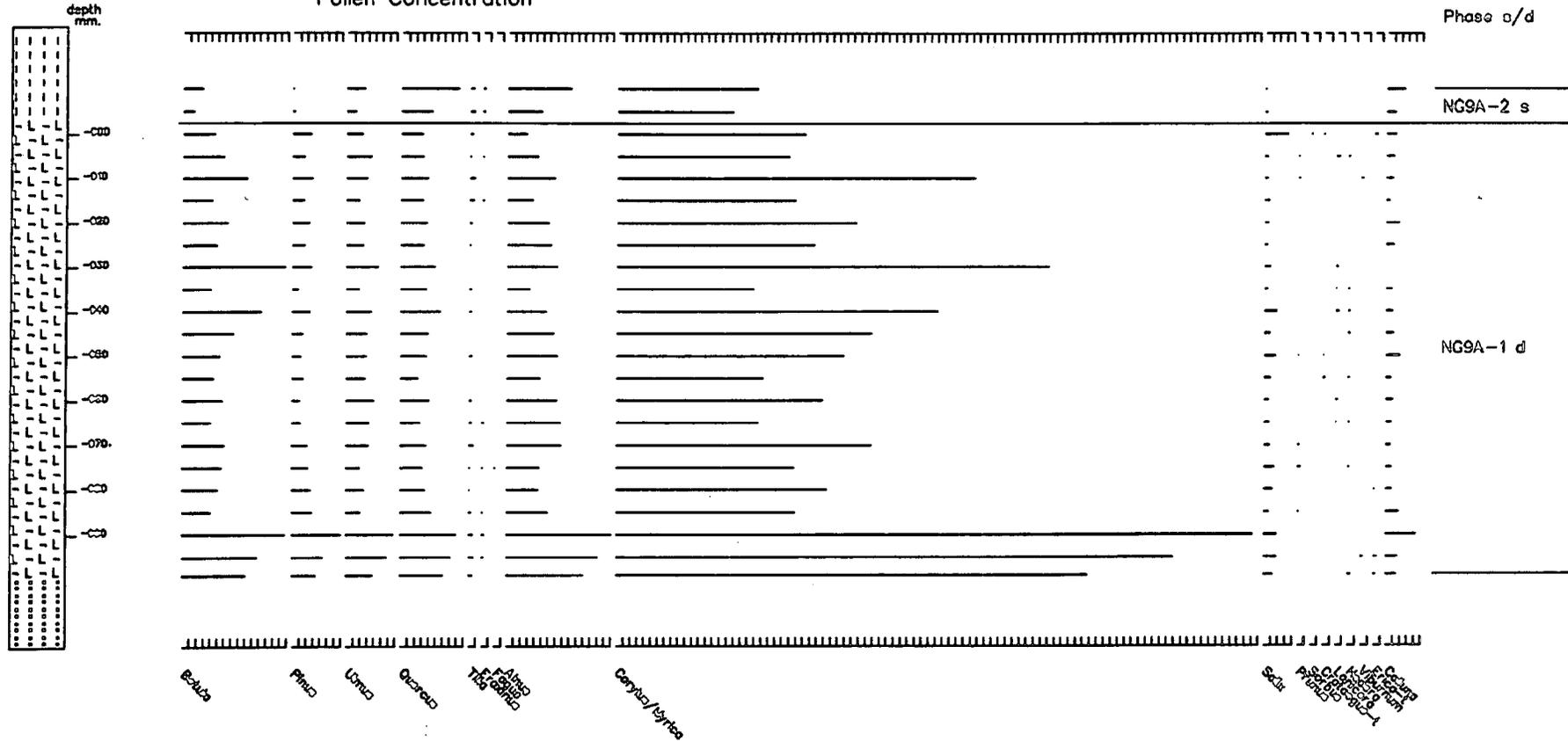
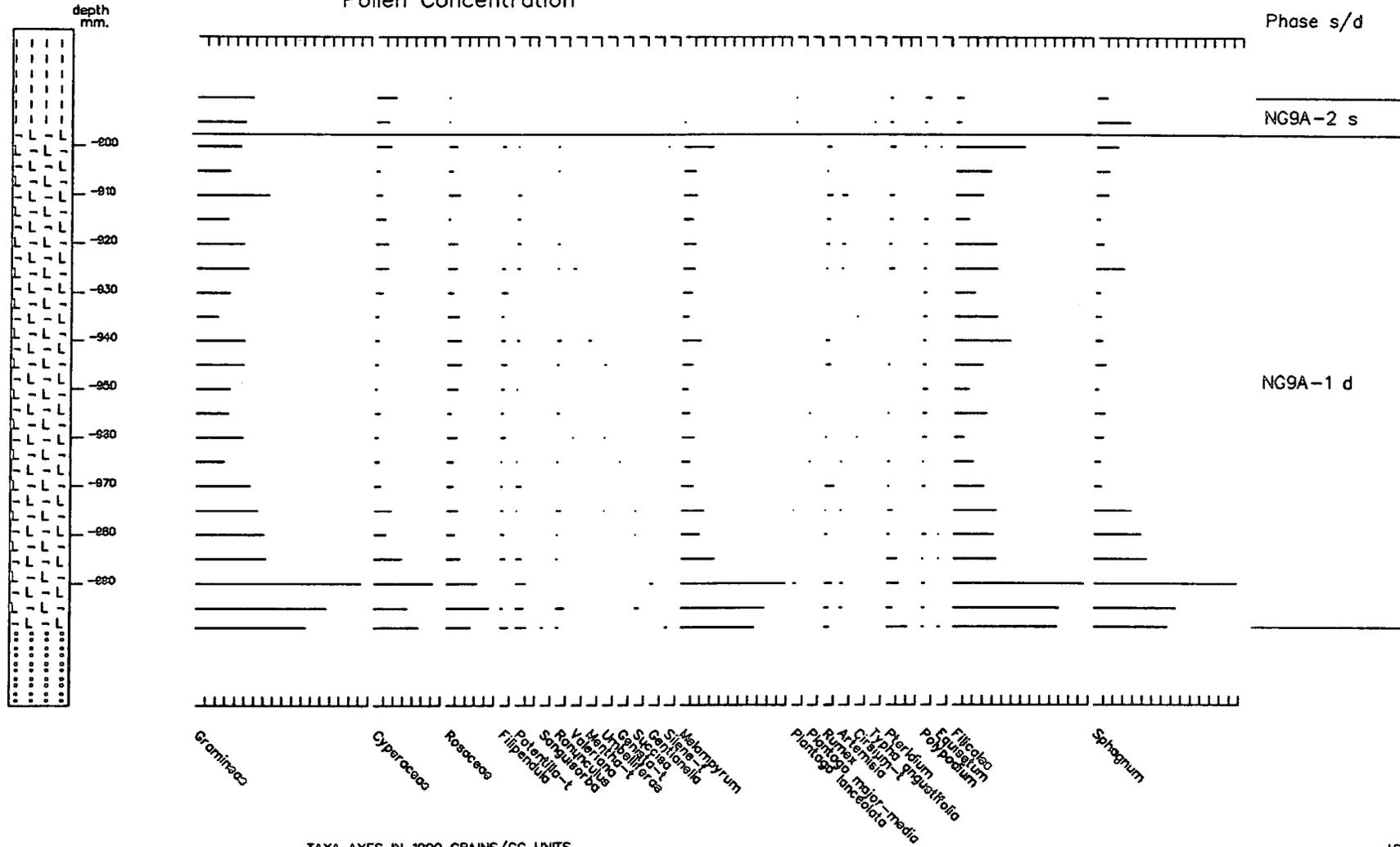


Figure 129. North Gill 9A: 5 millimetre intervals, tree and shrub pollen concentrations.

NORTH GILL 9A

Interval 5mm
Pollen Concentration

Phase s/d



TAXA AXES IN 1000 GRAINS/CC UNITS

LS 1936

Figure 130. North Gill 9A: 5 millimetre intervals, herb pollen and spore concentrations.

NORTH GILL 9A

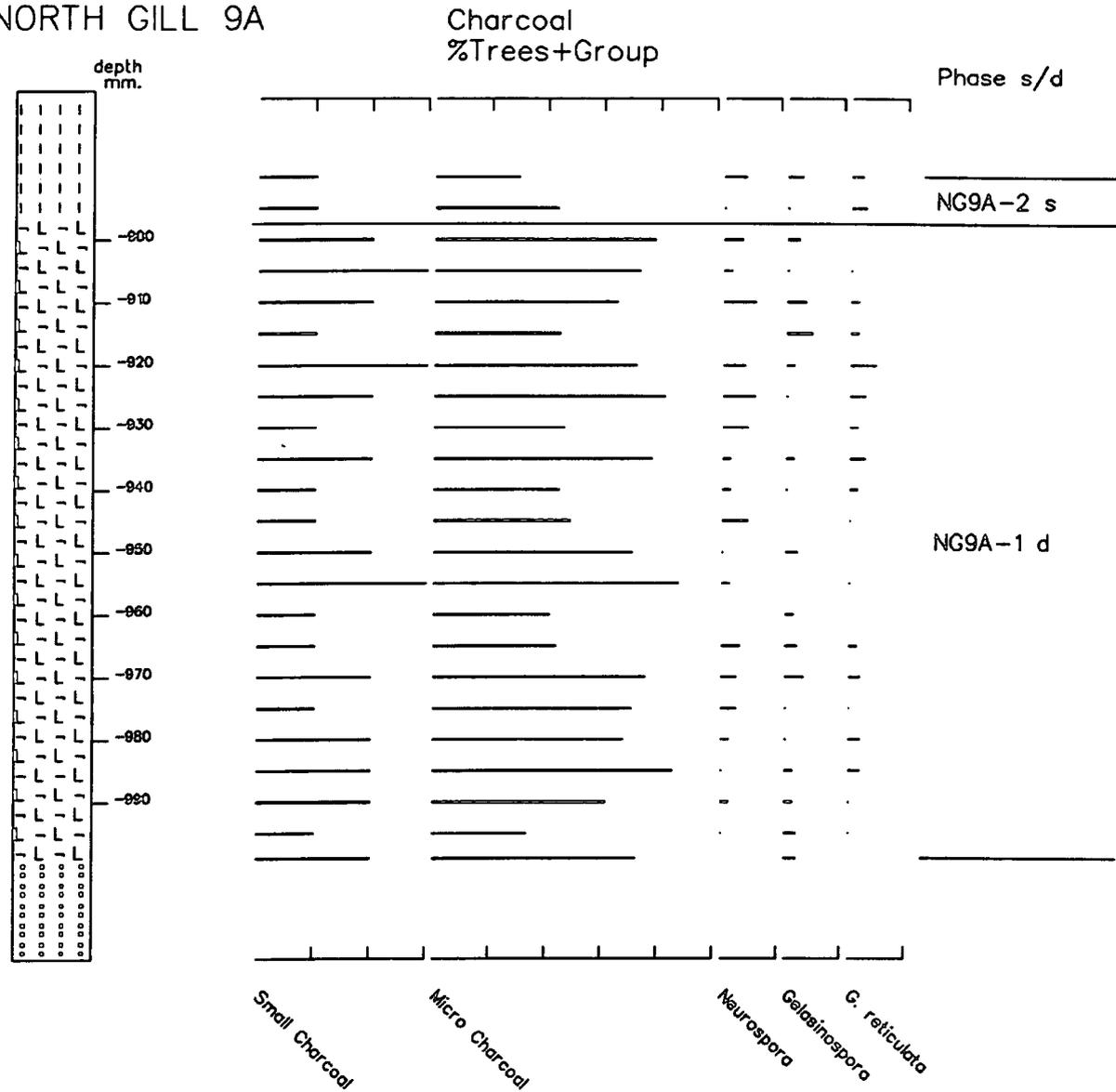
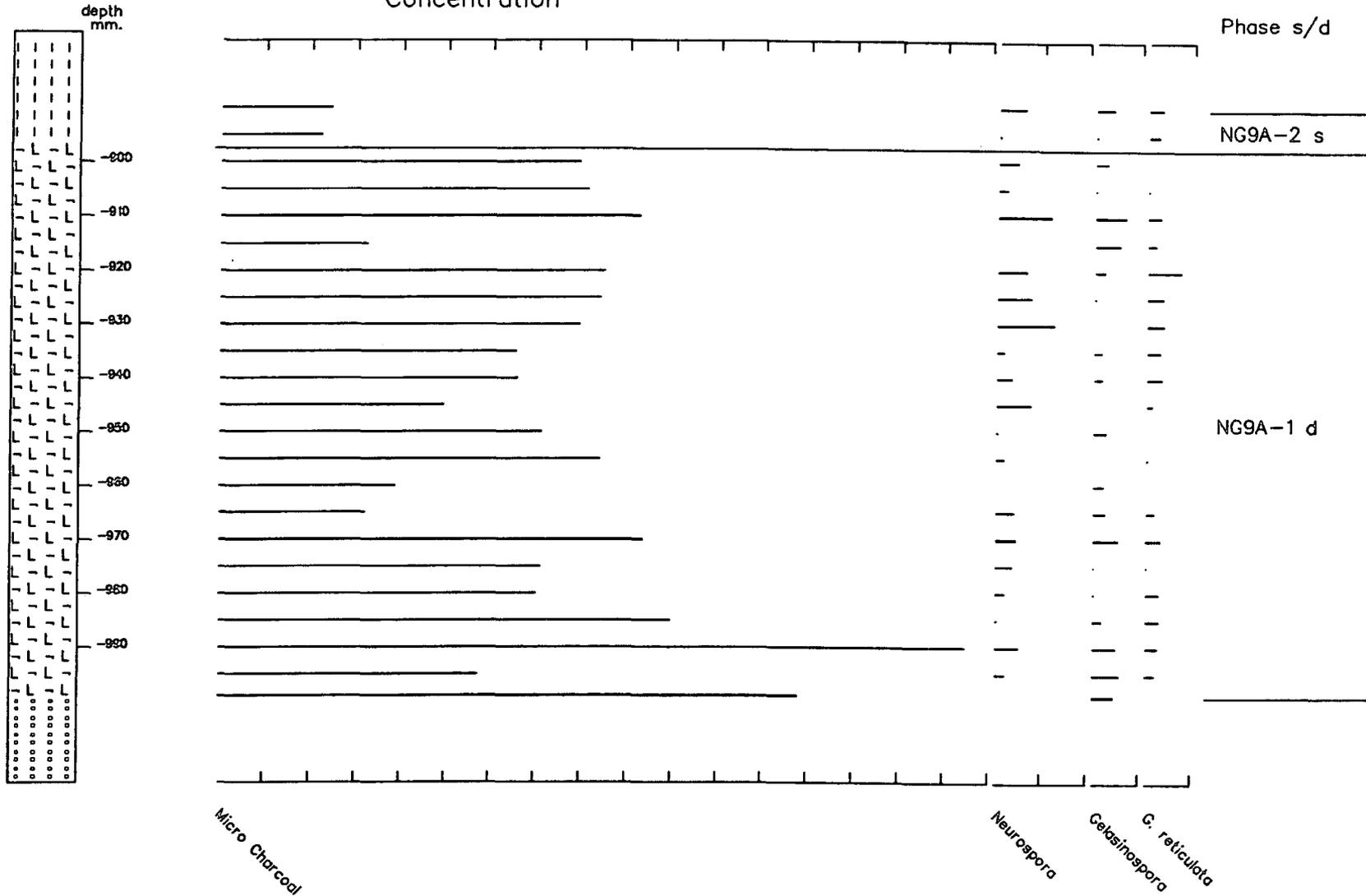


Figure 131. North Gill 9A: 5 millimetre intervals, charcoal percentages.

NORTH GILL 9A

Charcoal
Concentration

Phase s/d



TAXA AXES IN 1000 GRAINS/CC UNITS

LS 1988

Figure 132. North Gill 9A: 5 millimetre intervals, charcoal concentrations.

NORTH GILL 10

Interval 1 cm
%Trees+Group

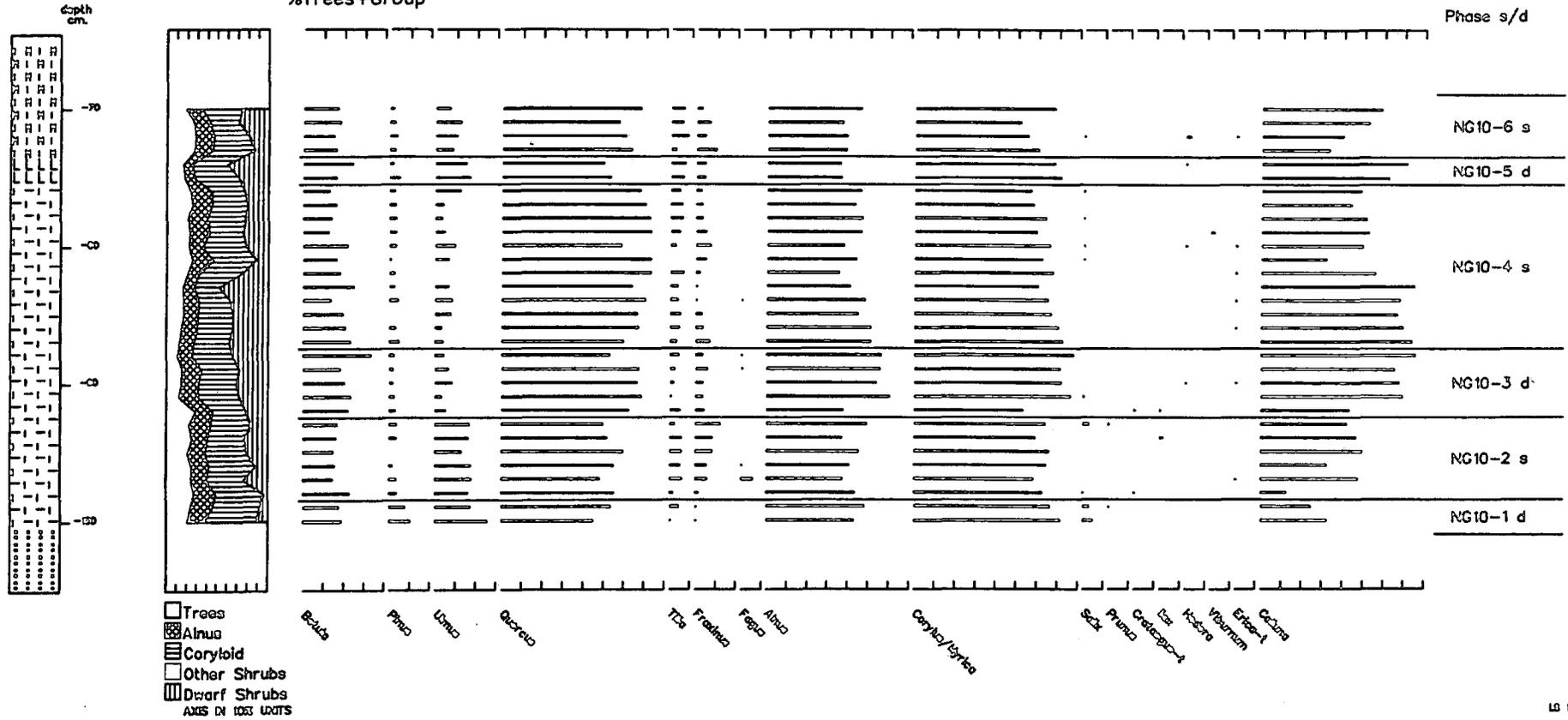


Figure 133. North Gill 10: centimetre intervals, tree and shrub pollen percentages.

NORTH GILL 10

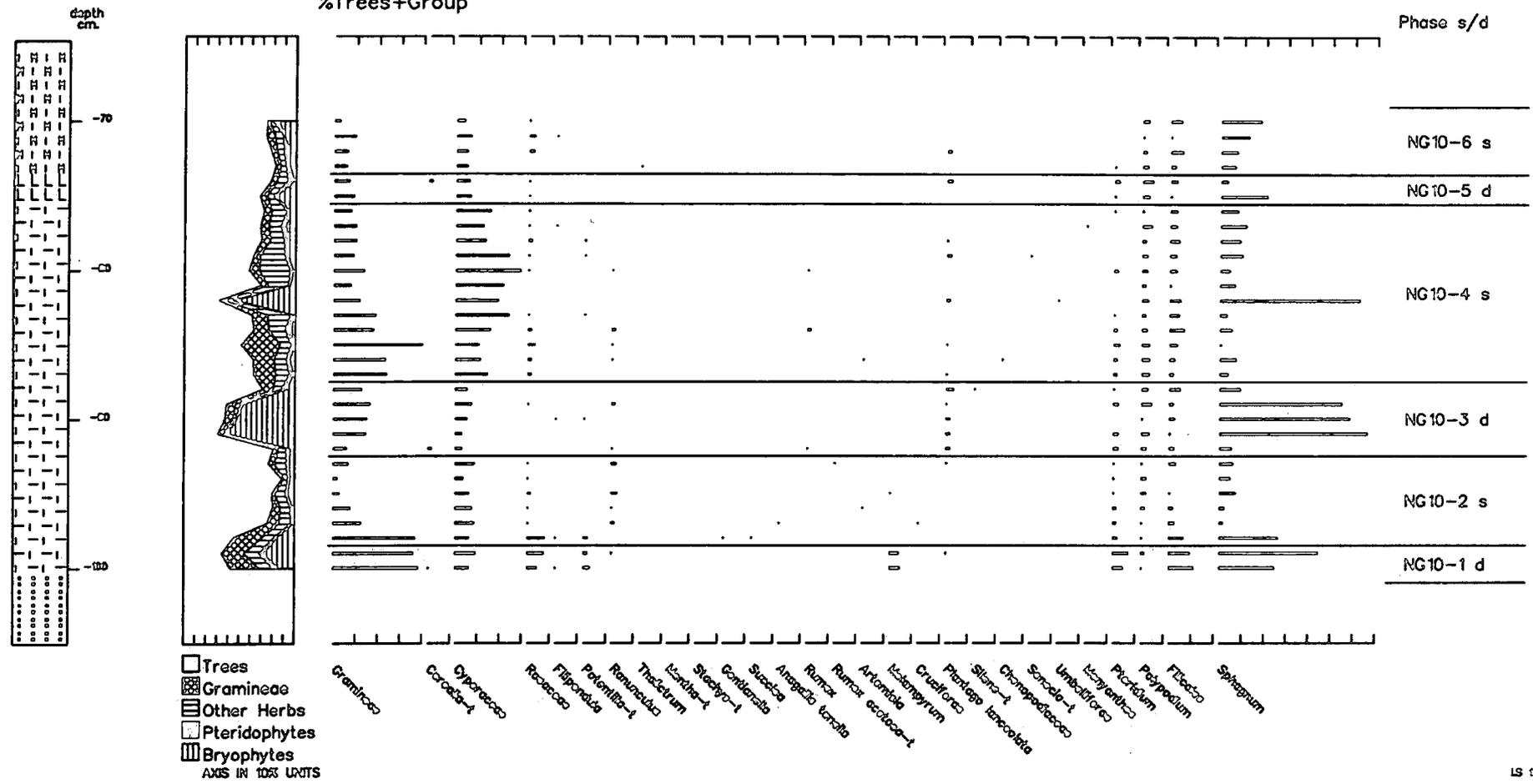
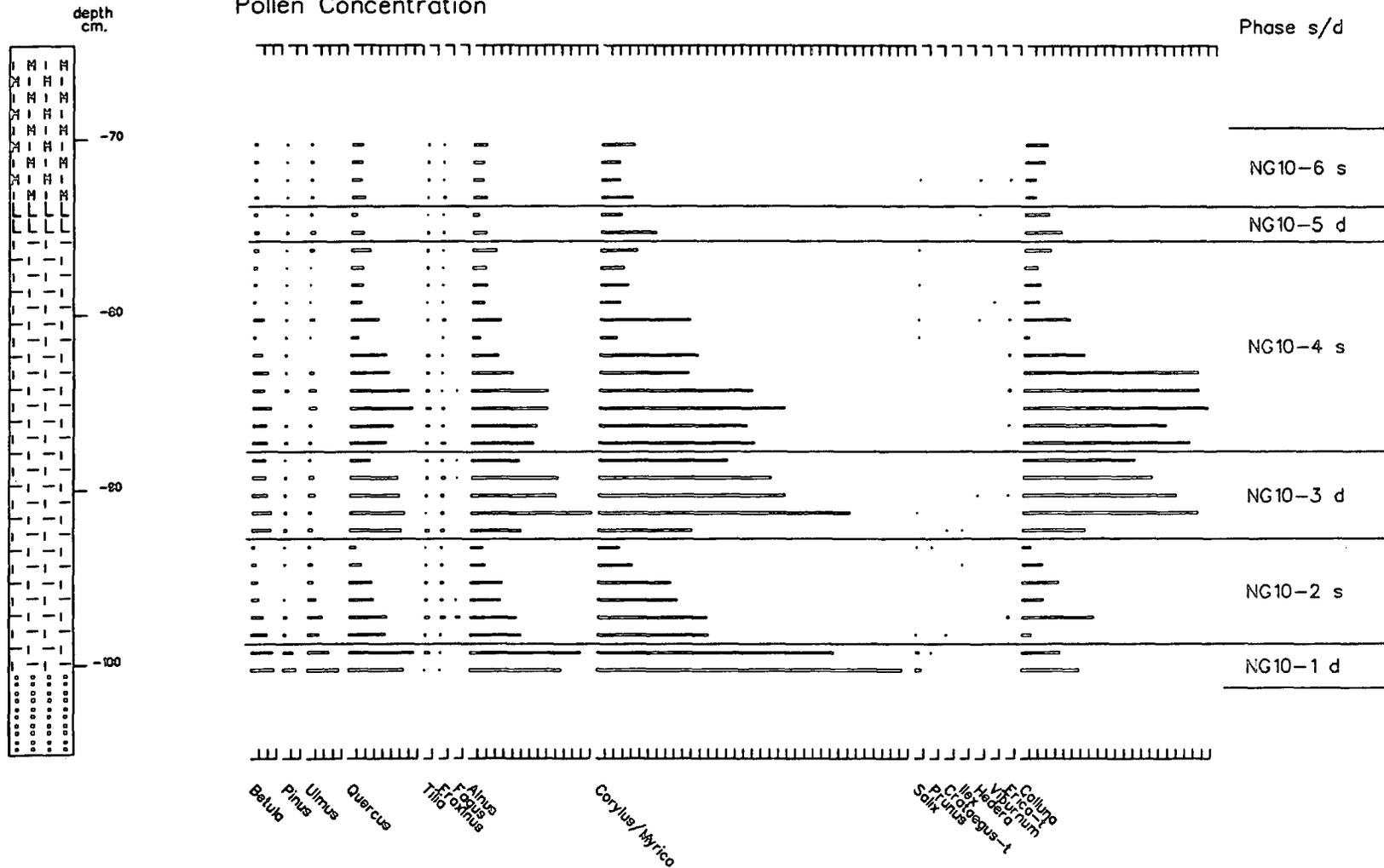


Figure 134. North Gill 10: centimetre intervals, herb pollen and spore percentages.

NORTH GILL 10

Interval 1 cm
Pollen Concentration



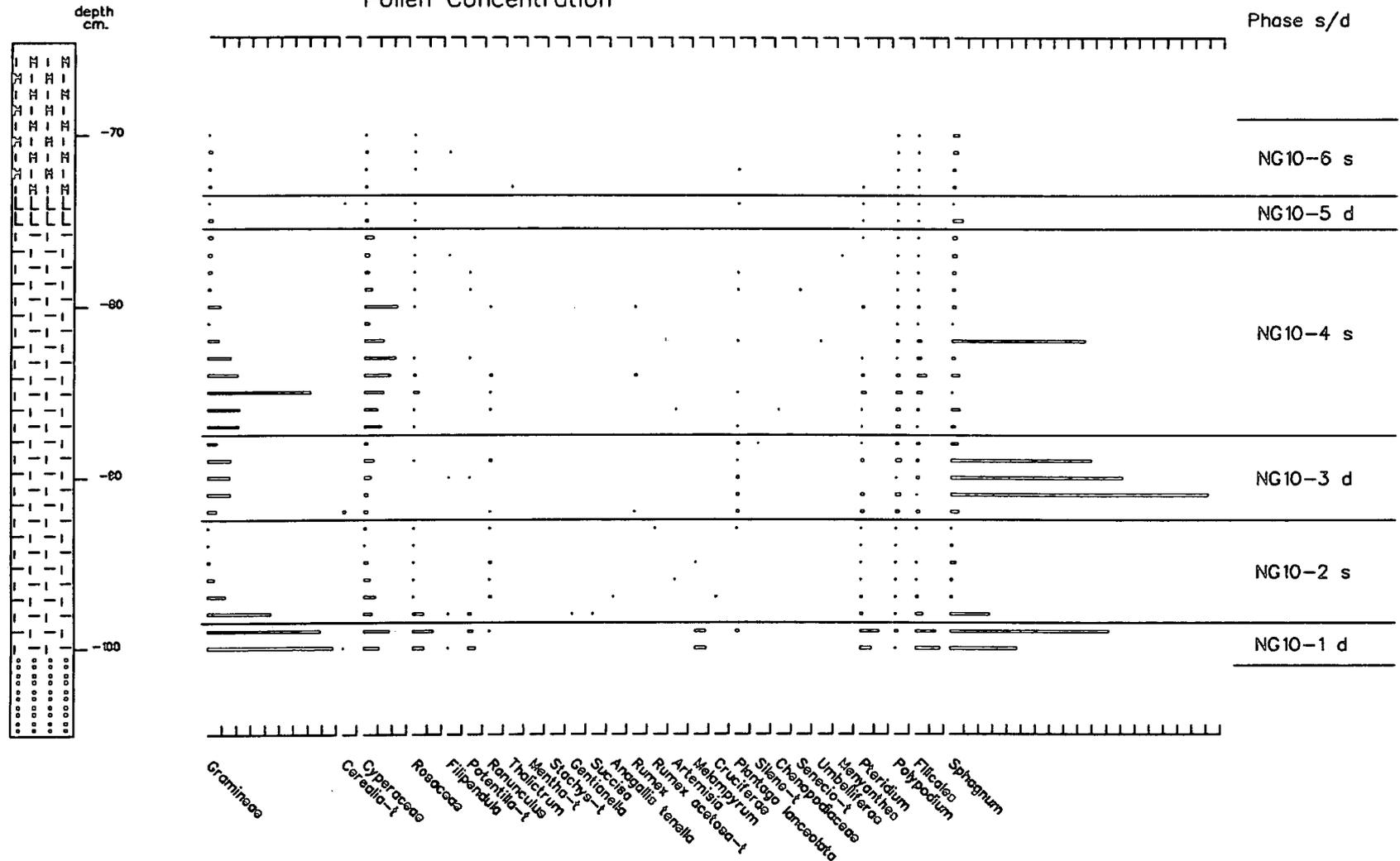
TAXA AXES IN 1000 GRAINS/CC UNITS

LS 1338

Figure 135. North Gill 10: centimetre intervals, tree and shrub pollen concentrations.

NORTH GILL 10

Interval 1 cm
Pollen Concentration



LS 1223

Figure 136. North Gill 10: centimetre intervals, herb pollen and spore concentrations.

NORTH GILL 10

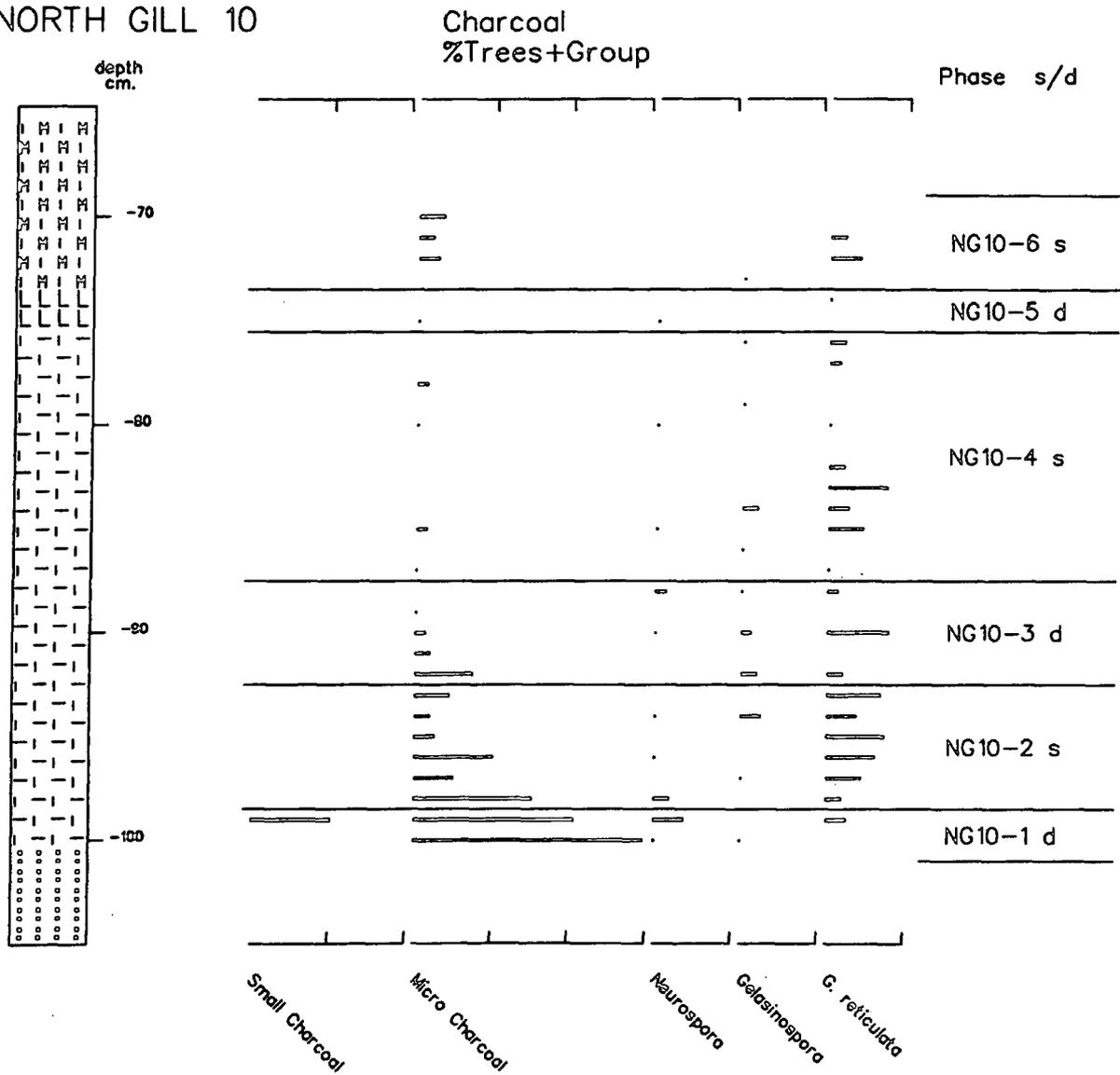


Figure 137. North Gill 10: centimetre intervals, charcoal percentages.

NORTH GILL 10

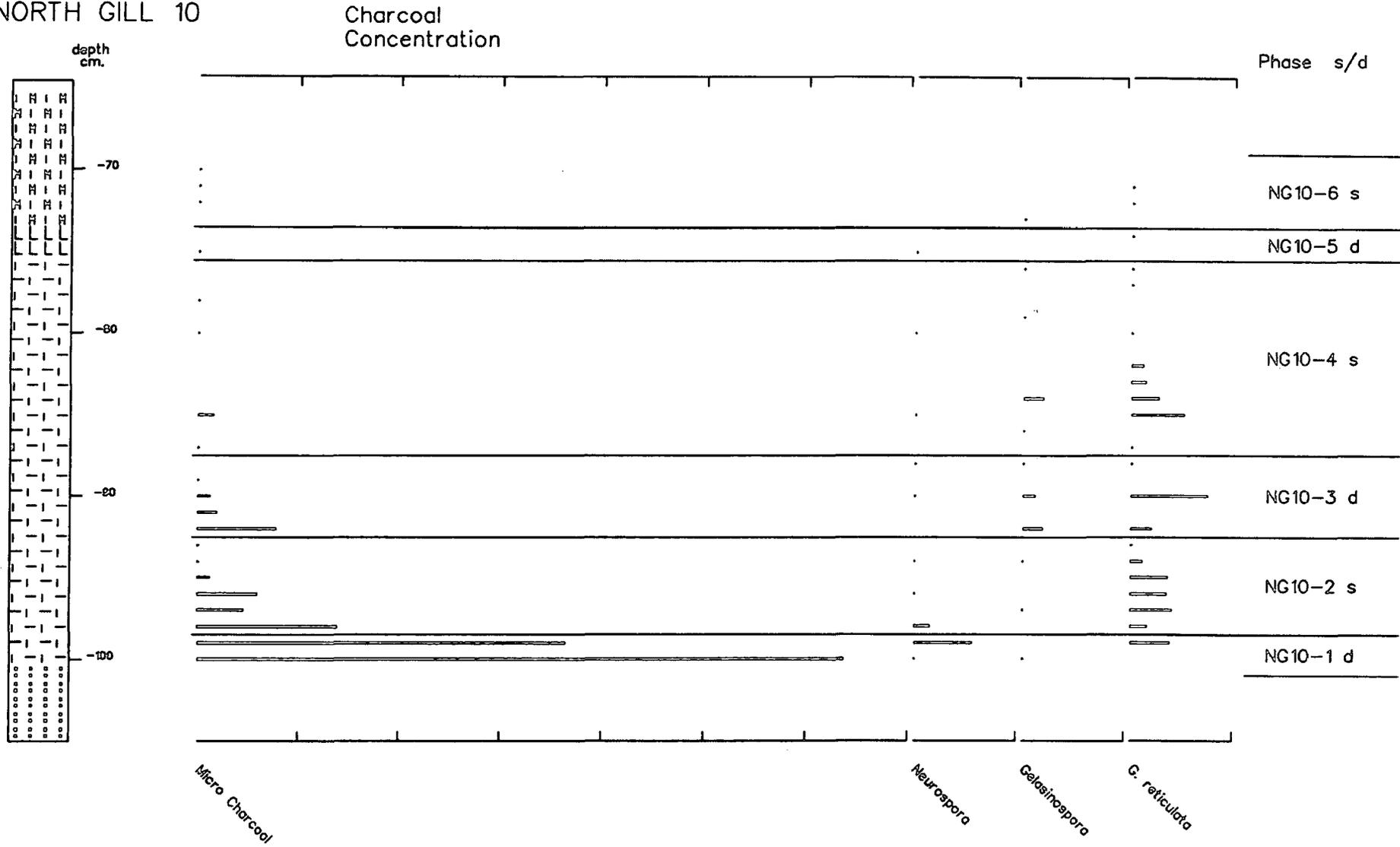


Figure 138. North Gill 10: centimetre intervals, charcoal concentrations.

North Gill

20m radius pollen

source areas

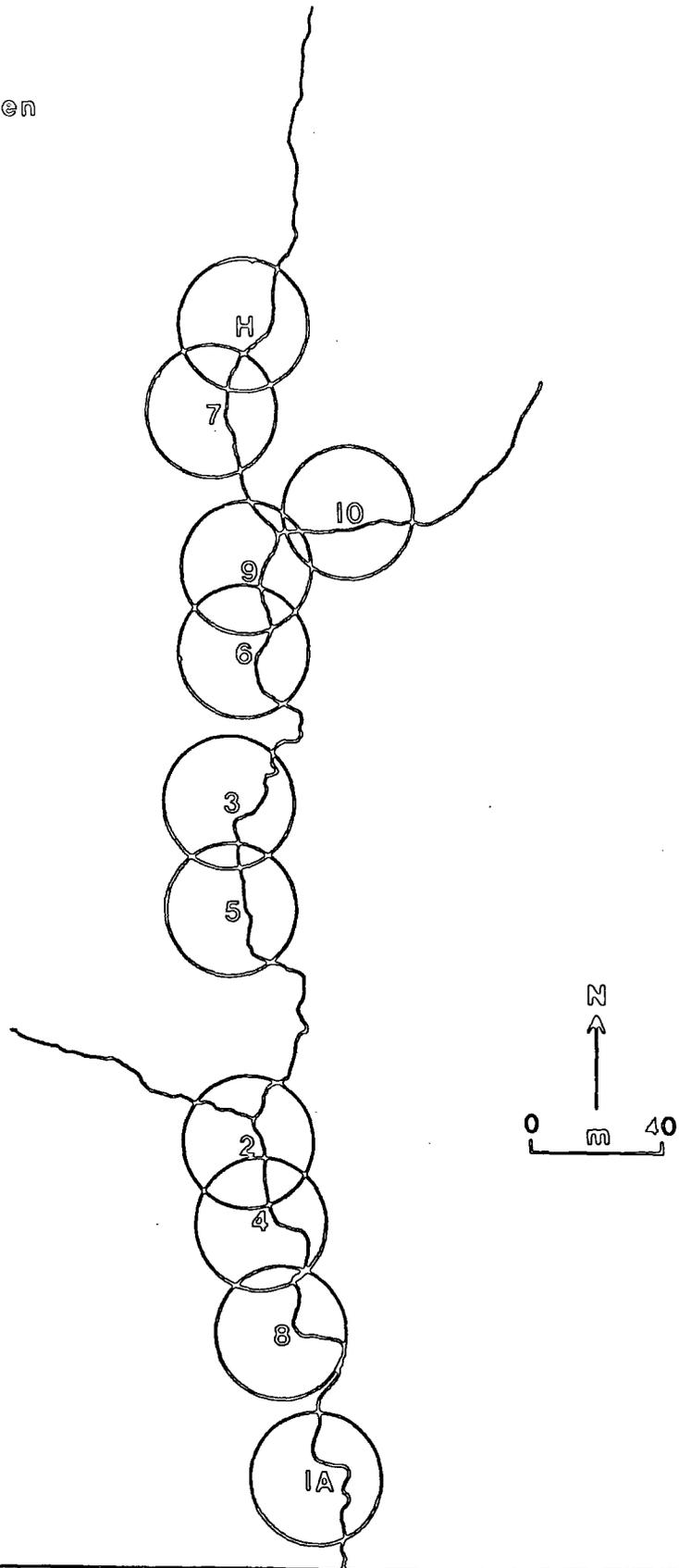


Figure 139. 20 metre radius pollen source areas at North Gill.

North Gill

20m and 55m radius

pollen source areas

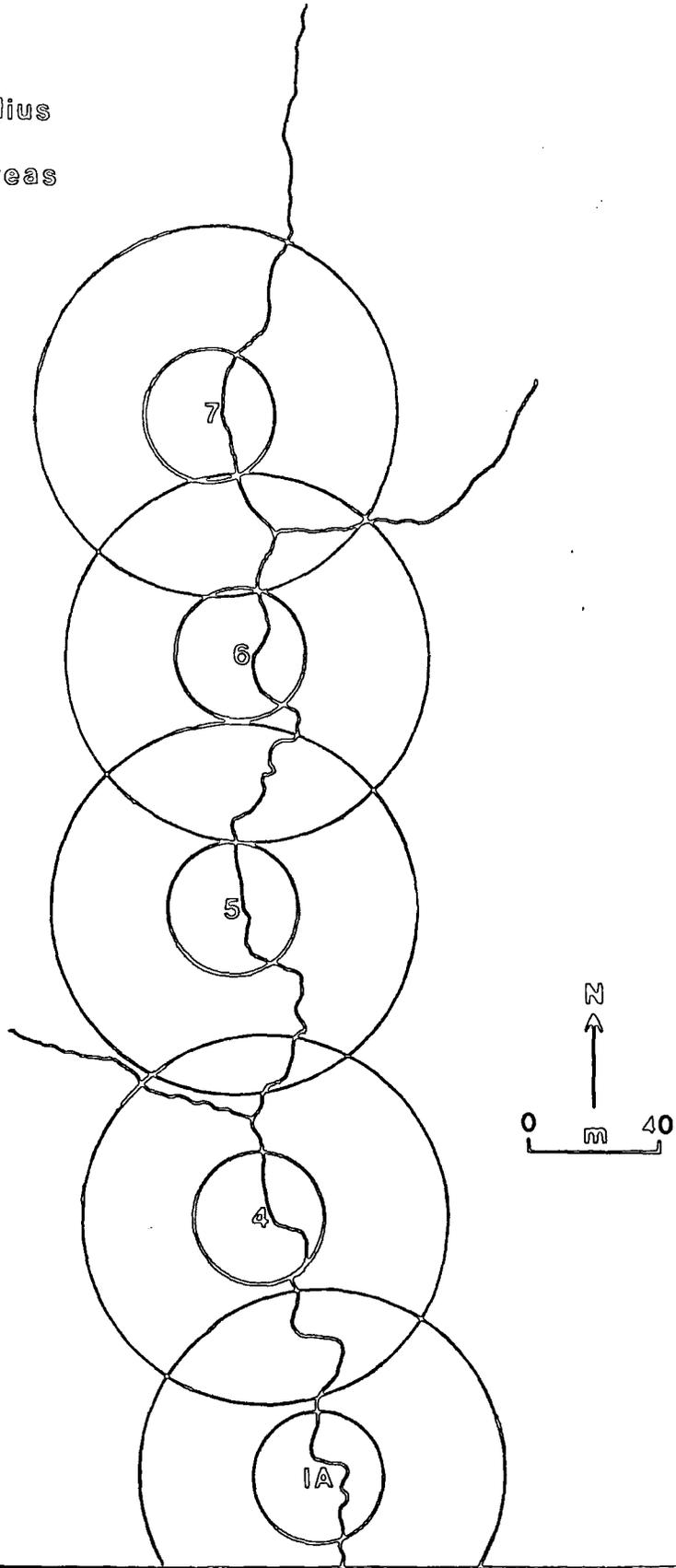


Figure 140. 20 metre and 55 metre radius pollen source areas for FRPA profiles at North Gill.

North Gill Profiles : s/d Phases												North Gill
1A	8	4	5A	5B	1969	3	6	9	10	7	H	Conspectus Phase
7	8	7	7	7	8	7	7	3	3	7	7	D 4
6	7	6	6	6	7	6	6	2	2	6	6	S 4
5	6	5	5	5	6	5	5	1	1	5	5	D 3
4	5	4	4	4	5	4	4			4	4	S 3
3	4	3	3	3	4	3	3			3	3	D 2
2	3	2	2	2	3	2	2			2	2	S 2
1	2	1	1	1	2	1	1			1	1	D 1
	1				1							S 1

Figure 141. Conspectus of s/d phases at North Gill.

NORTH GILL 1A

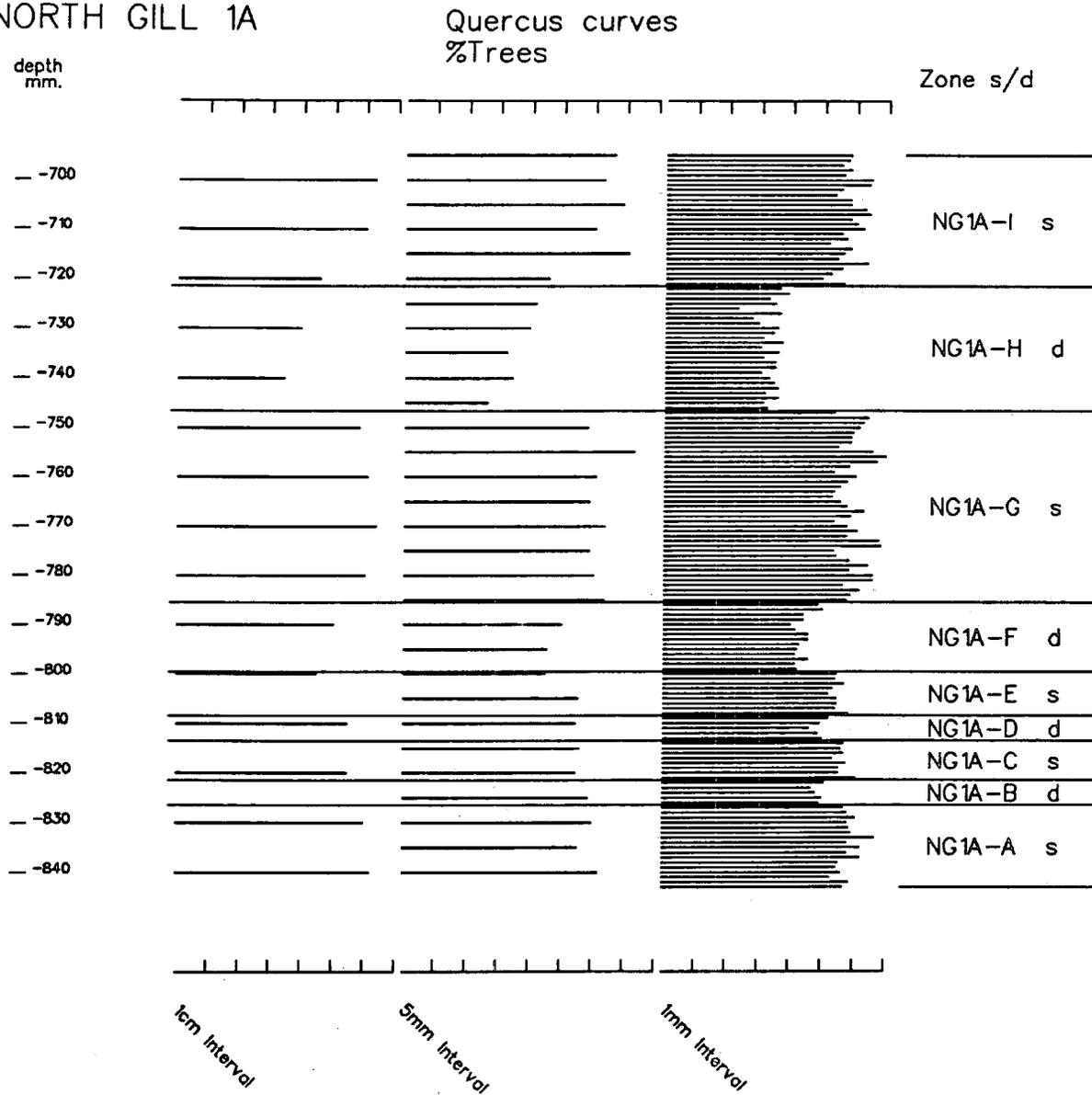


Figure 142. North Gill 1A: Quercus percentages at 1 centimetre, 5 millimetre and 1 millimetre intervals.

Chronozone	Litho. composition	Litho. unit	S/D phase	Site vegetation	Extra - site vegetation	Soil characteristics	Mire type
F III	Sphagnum and Eriophorum peat	NG - L9	D4	Eriophorum and Sphagnum	Oak - alder woodland, some heath and mire	Growth and spread of acid mire	Blanket peat (unconfined)
	Eriophorum peat	NG - L8	S4	Eriophorum	Mixed oak forest, some heath	Acidification and podsolisation Rapid growth of mire	
D3			Hazel scrub and heath				
S3			Mixed oak forest				
D2			Hazel scrub and grassland		Colluvial horizons		
F II	Silty peat and charcoal peat	NG - L6 & 7	D2	Carr woodland (Alnus, Salix)	Mixed oak forest	Slow accumulation of amorphous peat	Secondary basin peat (partly confined)
	Amorphous peat with wood	NG - L5	S2				
	Charcoal peat and moss peat	NG - L4	D1	Grasses and ruderals + hazel scrub	Open woodland, some scrub and grassland	Peat inception in stream channel basin	
	Mineral soil (some moss peat)	NG - L3	S1	Damp woodland (Alnus, Betula)	Mixed oak forest	Soil gleying (moss peat in hollows)	

Figure 143. Conspectus of environmental history at North Gill.

TABLE 1

List of sites in the North York Moors from which pollen evidence of Flandrian II vegetation disturbance has been recorded, together with their geographical characteristics.

ba = basin mire, ch = channel mire, sp = springhead mire, pl = plateau blanket mire. Numbers in parenthesis refer to the number of disturbances in Flandrian II where the site shows more than a single example.

Reference	Site	Nat. Grid Ref	Alt. m.O.D.	Type
Cloutman (1988)	Seamer Carr	TA 034820	20	ch
Jones 1976b	Seamer Carrs	NZ 486097	64	ch
Atherden 1976	Fen Bogs (3)	SE 853977	164	sp
Jones 1978	Tranmire Slack (2)	NZ 766119	165	sp
Simmons 1969a	Moss Swang	NZ 806035	175	sp
Erdtman 1927	Kildale Moss	NZ 636091	175	sp
Jones 1977	West House Moss	NZ 634196	178	sp
Simmons 1969a	Lady Bridge Slack	NZ 804016	212	sp
Jones 1978	Ewe Crag Slack (2)	NZ 695110	235	pl
Atherden 1979	May Moss	SE 876960	244	sp
Erdtman 1928	Collier Gill	NZ 786009	274	sp
Cundill 1971	Collier Gill Head	NZ 786009	274	sp
Simmons 1969a	Collier Gill (3)	NZ 786009	274	pl
Innes 1981	Botany Bay	SE 605960	335	pl
Innes 1981	Bonfield Gill Head (3)	SE 598958	346	pl
Simmons 1969a	North Gill A and B (3)	NZ 726007	362	ba
Innes 1981	North Gill 1 to 7 (3)	NZ 726007	365	ba
Simmons & Cundill 1974	Glaisdale Moor (2)	NZ 728015	372	ba
Innes 1981	Bluewath Beck Head (2)	NZ 735008	375	ba
Dimbleby 1962	White Gill	NZ639026	387	ba
Cundill 1971	White Gill A	NZ 639026	387	ch
Innes 1981	Small Howe	SE 606971	402	ch
Cundill 1971	Trough House	NZ 704815	418	ba
Simmons & Cundill 1974	Loose Howe	NZ 703009	430	ch

TABLE 2

Comparison of local s/d pollen phases from North Gill a, b and 3.

Chronozone	Local s/d Phases			Conspectus
	NGa	NGb	NG3	S/D Phase
F III	8		7	D4
<hr/>				
	7		6	S4
	---		---	---
	6		5	D3
	---		---	---
	5		4	S3
F II	---		---	---
	4		3	D2
	---		---	---
	3	2	2	S2
	---		---	---
	2	1	1	D1
	---		---	---
	1			S1

TABLE 3

Principal components analysis of pollen data from North Gill 'a' and b' (Simmons 1969a). Component loadings of pollen types on the first five components.

	1	2	3	4	5
<u>Betula</u>	0.6837	0.2971	0.0150	0.4162	0.1862
<u>Pinus</u>	0.9108	-0.2358	0.0543	0.0868	0.0237
<u>Ulmus</u>	0.1043	0.5153	0.6606	-0.3900	0.0204
<u>Quercus</u>	-0.3225	0.6981	0.3784	0.0524	0.3728
<u>Alnus</u>	-0.6707	-0.6421	0.3138	0.1607	-0.0378
<u>Corylus/Myrica</u>	0.3493	0.3309	-0.7926	-0.3724	-0.0067
<u>Salix</u>	0.8301	-0.2563	0.2380	0.2442	0.1594
<u>Calluna</u>	-0.1468	0.6297	-0.0402	0.5041	-0.5495
Ruderal Herbs	0.5906	-0.0983	0.4696	-0.3333	-0.4516
Variance (eigenvalue)	3.0431	1.8903	1.5881	0.9251	0.7074
Percentage of total variance	33.81	21.00	17.65	10.28	7.86
Cumulative percentage of variance	33.81	54.82	72.46	82.74	90.60

TABLE 4

Principal components analysis of pollen data from North Gill 3.

Component loadings of pollen types on the first five components.

	1	2	3	4	5
<u>Betula</u>	-0.1920	0.5123	-0.2512	-0.7764	0.1748
<u>Pinus</u>	0.8179	0.1316	-0.3461	0.1240	0.3969
<u>Ulmus</u>	-0.4515	0.4443	-0.6944	0.1910	-0.1972
<u>Quercus</u>	-0.6730	0.6279	-0.2070	0.1618	0.0275
<u>Alnus</u>	-0.6779	-0.6948	-0.0665	0.0647	0.1935
<u>Corylus/Myrica</u>	0.7945	0.4611	0.1195	-0.0543	-0.3350
<u>Salix</u>	0.3060	-0.7824	-0.2235	-0.3403	-0.2182
<u>Calluna</u>	-0.1803	0.4077	0.8603	-0.0360	0.0844
Ruderal Herbs	0.9258	0.0968	-0.1452	0.1397	0.1272
Variance					
(eigenvalue)	3.4367	2.3545	1.5377	0.8245	0.4483
Percentage of					
total variance	38.19	26.16	17.09	9.16	4.98
Cumulative					
percentage of					
total variance	38.19	64.35	81.43	90.59	95.57

TABLE 5

Principal components analysis of combined pollen data from North Gill 'a', 'b' and North Gill 3. Component loadings of pollen types on the first five components.

	1	2	3	4	5
<u>Betula</u>	0.2375	0.6746	-0.2392	-0.5669	-0.2253
<u>Pinus</u>	0.8603	-0.0688	-0.2668	-0.0649	-0.1475
<u>Ulmus</u>	-0.1126	0.5621	-0.5072	0.5598	-0.0430
<u>Quercus</u>	-0.3496	0.8484	-0.1765	-0.0244	-0.0479
<u>Alnus</u>	-0.7353	-0.5723	-0.2945	-0.0420	0.0223
<u>Corylus/Myrica</u>	0.6960	0.2061	0.5337	0.0260	0.3817
<u>Salix</u>	0.3814	-0.6501	-0.3289	-0.0785	-0.3026
<u>Calluna</u>	-0.2139	0.1043	0.7477	0.1762	-0.5914
Ruderal Herbs	0.7896	-0.0444	-0.1711	0.3338	-0.1285
Variance					
(eigenvalue)	2.7712	2.3011	1.4848	0.7906	0.6806
Percentage of					
total variance	30.79	25.57	16.50	8.78	7.56
Cumulative					
percentage of					
total variance	30.79	56.36	72.86	81.64	89.20

APPENDIX 1

TROELS-SMITH (1955) STRATIGRAPHIC NOTATION AND DESCRIPTION.

Sh	Substantia humosa	Humous substance, homogeneous microscopic structure.
<u>Turfa</u>		
Tb ⁰⁻⁴	T. bryophytica	Mosses, humous substance.
Tl ⁰⁻⁴	T. lignosa	Stumps, roots, intertwined rootlets of ligneous plants, trunks, stems, branches etc., connected with these. Humous substance.
Th ⁰⁻⁴	T. herbacea	Roots, intertwined rootlets, rhizomes of herbaceous plants, stems, leaves, etc., connected with these. Humous substance.
<u>Detritus</u>		
Dl	D. lignosus	Fragments of ligneous plants >2 mm.
Dh	D. herbosus	Fragments of herbaceous plants >2 mm.
Dg	D. granosus	Fragments of ligneous and herbaceous plants and sometimes of animal fossils (except molluscs) <2 mm >c. 0.1 mm.
<u>Limus</u>		
Ld ⁰⁻⁴	L. detrituosus	Plants and animals (except diatoms, needles of spongi, siliceous skeletons, etc., of organic origin), or fragments of these. Particles <c.1 mm. Humous substance.
Lso	L. siliceus organogenes	Diatoms, needles of spongi, siliceous skeletons, etc., of organic origin, or parts of these. Particles <c. 0.1 mm.
Lc	L. calcareus	Marl, not hardened like calcareous tufa; lime and the like. Particles <c. 0.1 mm.
Lf	L. ferrugineus	Rust, non-hardened. Particles <c. 0.1 mm.
<u>Argilla</u>		
As	A. steatodes	Particles of clay < 0.002 mm.
Ag	A. granosa	Particles of clay 0.02 to 0.002 mm.
<u>Grana</u>		
Ga	G. arenosa	Mineral particles 0.6 to 0.2 mm.
Gs	G. saburralia	Mineral particles 2.0 to 0.6 mm.

Gg(min.) G. glareosa minora	Mineral particles 6.0 to 2.0 mm.
Gg(maj.) G. glareosa majora	Mineral particles 20.0 to 6.0 mm.

APPENDIX 2

RADIOCARBON DATES FROM NORTH GILL

All dates are quoted in uncorrected radiocarbon years BP.

	Code No.	Feature	Age
This Thesis	HAR - 6620	Elm decline at NG5B	4730±80
	HAR - 6619	End of Phase NG5B-5	4990±80
	HAR - 6616	Start of phase NG5B-5	5450±80
	HAR - 6615	Phase NG5B-3	5760±90
Innes (1981)	GU - 1071	NG2 28-33 cm	5210±75
	GU - 1073	NG2 40-44 cm	5220±75
	GU - 1072	NG2 63-65 cm	5945±90
Burleigh <u>et al.</u> (1975)	BM - 426	Elm Decline at NGa	4767±60
	BM - 425	Phase D1 at NGb	6316±55

APPENDIX 3

LABORATORY SCHEDULE FOR POLLEN ANALYSIS

Place known volume of sediment (0.1 cc) in a labelled polypropylene centrifuge tube and fill to within 2 cm of the top with distilled water. Stir thoroughly.

Add 1 Lycopodium tablet to each 0.1 of a cc. of sediment and allow to dissolve. Stir, centrifuge and decant.

Alkali Digestion of Humic Material

Add 10% NaOH, stir thoroughly and place in a boiling water bath. Leave for c. 20 - 30 minutes, or until all lumps are broken down, stirring occasionally.

Filter the mixture through a sieve (c. 180 micron) into a beaker, wash tube with distilled water and return sieved sample to tube. Centrifuge and decant.

If supernatant liquid is dark, wash sample with distilled water, centrifuge and decant. Repeat until supernatant liquid is clear.

Removal of Silica by Hydrofluoric Acid

Mix up the residue in the tube with a little distilled water.

Add 40% HF and place in boiling water bath for as long as necessary, usually 30 - 60 minutes, stirring occasionally.

Centrifuge and decant in fume cupboard sink, leave water tap running for 10 minutes.

Add 10% HCl, place in boiling water bath for 10 minutes, centrifuge and decant.

Wash with distilled water, centrifuge and decant.

Acetylation to remove Cellulose

Add c. 3 cm of glacial acetic acid to remove all water, stir thoroughly, centrifuge and decant into beaker in fume cupboard.

Prepare acetylation mixture by adding concentrated sulphuric acid to acetic anhydride (ratio 1:9) in a measuring cylinder.

Half fill tubes and put in boiling water bath for 2 - 3 minutes. Stir occasionally.

Top up with glacial acetic acid, centrifuge, decant into beaker containing glacial acetic acid in fume cupboard.

Wash with glacial acetic acid, centrifuge, decant into beaker in fume cupboard for later disposal.

Wash in distilled water, centrifuge and decant. Repeat wash.

Preparation of pollen material

Wash sample with Tertiary Butyl Alcohol (2-methyl-propan-2-ol) to remove water. Centrifuge, decant.

Add about 3 cm of TBA and about three drops of safranin stain. Stir.

Transfer material to small, labelled capped glass vials, centrifuge and decant excess alcohol.

Add enough silicone fluid to cover the pollen material to prevent it drying out, plug vial with cotton wool to exclude dust and leave overnight for alcohol to evaporate.

APPENDIX 4

PRE ELM DECLINE CEREAL POLLEN GRAINS FROM NORTH GILL

Site	Depth	Size (microns)	Ratio	Annulus (microns)	Morphology
NG1A	72.5 cm	51.5 x 35	1.47	8.7	c.f. <u>Secale</u>
NG1A	72.5 cm	42 x 32	1.25	8.0	
NG1A	72.5 cm	43.6 x 36	1.20	8.2	
NG1A	725 mm	43.7 x 41.6	1.05	12.0	<u>Triticum</u>
NG1A	725 mm	51.5 x 41.1	1.25	12.8	<u>Triticum</u>
NG1A	730 mm	52.5 x 41.2	1.27	10.3	? <u>Triticum</u> or <u>Elymus</u>
NG1A	730 mm	36 x 35	1.05	10.0	<u>Triticum</u>
NG1A	730 mm	51 x 41	1.24	11.0	? <u>Triticum</u>
NG1A	730 mm	39.1 x 36	1.08	8.0	
NG1A	723 mm	36 x 36	1.00	7.2	
NG1A	723 mm	fragment only		10.3	
NG1A	719 mm	41 x 38	1.07	8.7	
NG1A	718 mm	41 x 38	1.07	10.2	
NG10	100 cm	41 x 41	1.00	10.0	

APPENDIX 5

ABBREVIATIONS ON POLLEN DIAGRAMS

t. - type.
 spic. - spicatum
 Tub. - Tubuliflorae
 G. - Gelasinospora
 alt. - alterniflorum
 conv. - convolvulus

APPENDIX 6

ECOLOGICAL GROUPINGS OF TAXA RECORDED AT NORTH GILL

<u>TREES GROUP</u>	<u>OTHER HERBS CONTIN'D</u>	<u>OTHER HERBS CONTIN'D</u>
<u>Betula</u>	<u>Poterium</u>	<u>Rumex</u>
<u>Pinus</u>	<u>Ranunculus</u>	<u>Rumex acetosa-t</u>
<u>Ulmus</u>	<u>Caltha</u>	<u>Oxyria-t</u>
<u>Quercus</u>	<u>Thalictrum</u>	<u>Melampyrum</u>
<u>Tilia</u>	<u>Umbelliferae</u>	<u>Scrophulariaceae</u>
<u>Fraxinus</u>	<u>Cannabaceae</u>	<u>Chenopodiaceae</u>
<u>Fagus</u>	<u>Succisa</u>	<u>Epilobium</u>
<u>Taxus</u>	<u>Scabiosa</u>	<u>Cruciferae</u>
<u>Carpinus</u>	<u>Labiatae</u>	<u>Urtica</u>
	<u>Stachys-t</u>	<u>Silene-t</u>
<u>ALNUS GROUP</u>	<u>Mentha-t</u>	<u>Stellaria-t</u>
<u>Alnus</u>	<u>Galium-t</u>	<u>Spergularia</u>
	<u>Leguminosae</u>	<u>Valeriana</u>
<u>CORYLOID GROUP</u>	<u>Onobrychis-t</u>	<u>Menyanthes</u>
<u>Corylus/Myrica</u>	<u>Vicia sylvatica-t</u>	<u>Peplis</u>
	<u>Vicia cracca-t</u>	<u>Typha angustifolia</u>
<u>OTHER SHRUBS GROUP</u>	<u>Lathyrus-t</u>	<u>Potamogeton</u>
<u>Salix</u>	<u>Trifolium</u>	<u>Nuphar</u>
<u>Prunus</u>	<u>Lotus-t</u>	<u>Hydrocotyle</u>
<u>Sorbus</u>	<u>Lysimachia</u>	<u>Myriophyllum spicatum</u>
<u>Rubus</u>	<u>Genista-t</u>	<u>Myriophyllum alterniflorum</u>
<u>Crataegus-t</u>	<u>Hypericum-t</u>	<u>Nymphaea</u>
<u>Viburnum</u>	<u>Hypericum perforatum-t</u>	
<u>Ilex</u>	<u>Jasione</u>	<u>PTERIDOPHYTE GROUP</u>
<u>Rhamnus</u>	<u>Mercurialis-t</u>	<u>Filicales</u>
<u>Fragula</u>	<u>Anagallis arvensis</u>	<u>Pteridium</u>
<u>Hedera</u>	<u>Anagallis tenella</u>	<u>Polypodium</u>
<u>Lonicera</u>	<u>Polygonum</u>	<u>Equisetum</u>
	<u>Polygonum aviculare</u>	<u>Osmunda</u>
<u>DWARF SHRUBS GROUP</u>	<u>Polygonum convolvulus</u>	
<u>Calluna</u>	<u>Endymion-t</u>	<u>BRYOPHYTE GROUP</u>
<u>Erica-t</u>	<u>Gentianella</u>	<u>Sphagnum</u>
<u>Empetrum</u>	<u>Drosera</u>	
<u>Ericaceae</u>	<u>Circaea</u>	
	<u>Plantago coronopus</u>	
<u>GRAMINEAE GROUP</u>	<u>Plantago lanceolata</u>	
<u>Gramineae</u>	<u>Plantago major-media</u>	
	<u>Compositae Tubuliflorae</u>	
<u>OTHER HERBS GROUP</u>	<u>Centaurea cyanus</u>	
<u>Cerealia-t</u>	<u>Centaurea nigra</u>	
<u>Cyperaceae</u>	<u>Artemisia</u>	
<u>Rosaceae</u>	<u>Cirsium-t</u>	
<u>Filipendula</u>	<u>Senecio-t</u>	
<u>Potentilla-t</u>	<u>Matricaria-t</u>	
<u>Sanguisorba</u>	<u>Taraxacum-t</u>	

APPENDIX 7

POLLEN COUNTS

NORTH GILL 5A	POLLEN COUNTS																
DEPTH	-20	-21	-22	-23	-24	-25	-26	-27	-28	-29	-30	-31	-32	-33	-34	-35	-36
BETULA	41	31	34	36	27	33	47	39	41	34	21	22	22	28	24	24	16
PINUS	2	3	0	3	3	5	6	5	3	2	5	9	5	6	1	9	6
ULMUS	7	5	2	3	9	4	7	9	8	12	26	30	27	33	25	28	30
QUERCUS	91	106	95	98	100	100	76	86	92	89	80	84	86	74	87	83	93
TILIA	7	3	14	9	9	7	12	9	6	9	13	4	6	7	7	4	4
FRAXINUS	2	2	5	1	3	0	2	2	0	3	5	1	4	2	6	2	1
FAGUS	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
ALNUS	151	149	195	191	123	208	173	159	210	174	88	135	86	95	107	103	100
CORYLUS/MYRICA	310	401	407	395	326	446	341	385	394	334	178	194	187	171	138	160	160
SALIX	2	2	5	2	1	3	3	3	6	0	3	0	3	2	4	2	4
VIBURNUM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
ILEX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	0	0	0	0	0	0	0	0	0	2	2	0	0	1	0	0	0
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRUNUS	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SORBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
ERICA-T	0	1	4	4	3	4	6	6	7	1	0	0	0	0	0	0	0
CALUNA	16	10	22	29	49	32	27	43	25	97	57	17	14	10	20	21	12
GRAMINEAE	212	217	287	247	380	233	157	207	159	237	97	99	156	143	160	152	176
CEREA-LIA-T	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
CYPERACEAE	30	19	43	38	46	47	45	39	66	39	43	24	57	30	57	87	39
ROSACEAE	3	1	6	9	4	0	2	8	5	3	1	0	4	6	2	8	2
FILIPENDULA	1	0	0	1	0	0	1	1	0	1	1	1	1	0	0	0	0
POTENTILLA-T	2	0	0	0	5	0	2	1	0	4	1	0	0	3	2	1	0
RANUNCULUS-T	0	2	0	2	2	1	2	1	3	1	3	1	0	1	1	1	0
CALTHA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
SUCCISA	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VICIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENISTA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENTHA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URTICA	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
ANAGALLIS	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
RUMEX	1	0	0	1	0	1	2	1	5	1	1	0	0	1	0	1	0
TARAXACUM-T	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
COMPOSITAE TUB.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
CIRSIIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	1	1	1	0	1	1	0	0	1	1	0	0	1	0
MELAMPYRUM	0	0	0	0	0	0	3	1	0	3	4	0	2	1	1	1	0
P. LANCEOLATA	2	2	7	9	5	3	6	9	8	2	0	0	0	1	1	0	0
P. MAJOR-MEDIA	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0
HYDROCOTYLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTAMOGETON	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	6	4	4	6	7	6	1	3	8	9	1	3	2	7	8	10	0
POLYPODIUM	1	3	1	3	1	5	0	3	0	5	2	3	3	3	4	4	2
EQUISETUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FILICALES	5	3	10	12	11	5	13	7	10	12	11	6	6	1	4	4	3
SPHAGNUM	42	25	23	18	31	26	16	21	9	43	109	34	7	19	18	56	39
LYCOPODIUM	304	225	267	373	106	424	281	241	206	186	109	312	276	287	365	163	156

NORTH GILL 5A

POLLEN COUNTS-CONTINUED

DEPTH	-37	-38	-39	-40	-41	-42	-43	-44	-45	-46	-47	-48	-49	-50	-51	-52	-53
BETULA	23	18	15	13	37	54	56	35	46	38	46	40	48	44	51	53	42
PINUS	3	2	7	1	17	16	16	24	23	26	19	27	26	23	22	24	
ULMUS	30	20	24	37	31	28	29	31	27	23	25	39	25	35	29	24	27
QUERCUS	85	100	94	85	54	49	46	55	49	56	51	50	47	43	44	49	51
TILIA	9	9	6	10	8	2	3	4	3	2	2	1	1	2	0	1	4
FRAXINUS	0	1	4	4	3	1	0	1	2	2	0	1	2	0	3	1	2
FAGUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALNUS	138	100	136	112	90	87	88	74	74	91	76	89	67	82	95	74	92
CORYLUS/MYRICA	214	166	232	185	243	382	390	343	316	330	351	374	336	352	324	350	374
SALIX	1	3	0	0	8	10	22	8	7	13	4	14	7	14	6	15	6
VIBURNUM	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0
ILEX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	0	2	0	0	1	0	1	0	0	1	0	1	0	0	1	0	1
LONICERA	0	0	0	0	0	2	0	0	1	0	2	0	0	0	0	0	0
PRUNUS	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	3
SORBUS	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0
CALLUNA	18	12	13	17	9	11	12	7	9	17	15	8	10	10	9	20	18
GRAMINEAE	236	211	211	149	128	88	77	100	71	87	83	91	57	94	65	76	80
CEREALIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CYPERACEAE	114	37	41	25	27	25	16	17	25	22	15	37	9	17	19	20	14
ROSACEAE	4	1	0	4	6	12	11	12	7	12	10	17	10	14	12	10	11
FILIPENDULA	1	1	2	1	3	7	4	6	3	3	4	5	4	5	1	3	4
POTENTILLA-T	2	0	1	3	0	1	0	1	1	2	0	2	1	0	8	1	1
RANUNCULUS-T	0	0	0	2	1	1	1	4	2	0	0	1	1	2	1	1	3
CALTHA	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
THALICTRUM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
SUCCISA	0	0	1	0	0	1	1	0	1	0	0	1	1	0	1	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VICIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
GENISTA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENTHA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANAGALLIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUMEX	0	0	0	1	2	5	5	7	2	3	3	7	5	4	7	6	7
TARAXACUM-T	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
COMPOSITAE TUB.	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1
CIRSIUM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
SILENE-T	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
CHENOPODIACEAE	1	0	0	1	2	0	0	0	0	0	0	0	1	0	0	0	0
CRUCIFERAE	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
MELAMPYRUM	1	0	1	0	16	28	26	31	27	16	10	20	19	16	28	26	22
P. LANCEOLATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HYDROCOTYLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTAMOGETON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	4	4	1	0	2	4	3	3	10	2	3	3	1	2	2	0	7
POLYPODIUM	1	2	2	2	1	3	1	1	0	1	0	1	2	0	1	0	2
EQUISETUM	0	0	0	0	0	1	0	3	0	0	0	0	1	1	0	0	0
FILICALES	10	3	12	6	46	97	63	52	41	50	55	55	57	50	49	57	47
SPHAGNUM	58	72	56	85	48	32	21	30	46	39	30	32	24	30	32	44	31
LYCOPODIUM	170	158	380	328	141	92	74	82	116	112	85	125	53	92	77	75	94

NORTH GILL 5A

POLLEN COUNTS-CONTINUED

DEPTH	-54	-55	-56	-57	-58	-59	-60	-61	-62	-63	-64	-65	-66	-67	-68	-69	-70
BETULA	49	46	47	37	47	39	45	39	45	33	19	26	22	15	18	14	15
PINUS	32	24	33	30	23	32	24	35	24	29	7	7	8	3	3	2	7
ULMUS	22	33	23	30	27	32	33	27	32	27	41	29	25	39	31	36	25
QUERCUS	42	44	42	49	51	42	47	47	46	58	75	80	87	82	90	89	93
TILIA	4	2	2	4	2	4	1	2	1	3	7	6	6	4	6	5	7
FRAXINUS	1	1	3	0	0	1	0	0	1	0	1	2	2	7	2	4	3
FAGUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALNUS	89	86	75	83	93	72	92	43	39	63	93	112	110	115	97	86	106
CORYLUS/MYRICA	415	340	438	425	362	456	340	462	441	502	243	206	205	192	182	182	216
SALIX	6	4	7	14	6	9	6	17	2	9	4	1	1	2	5	1	0
VIBURNUM	0	0	0	1	0	0	0	2	1	0	0	0	0	0	0	0	0
ILEX	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	0	0	3	1	0	1	0	1	1	0	1	0	0	0	0	1	0
LONICERA	0	0	2	2	0	1	0	0	0	0	0	0	0	0	0	0	0
PRUNUS	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	1
SORBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
CALLUNA	24	12	20	10	11	8	14	37	44	37	14	19	13	14	22	20	21
GRAMINEAE	125	87	81	80	93	111	87	75	66	80	102	92	189	180	147	188	287
CEREBALIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CYPERACEAE	21	12	18	13	15	19	10	23	15	12	34	32	18	32	16	21	14
ROSACEAE	11	12	21	17	19	16	12	12	9	8	6	8	9	7	12	12	1
FILIPENDULA	6	0	5	2	2	5	1	3	3	4	0	0	3	0	0	0	1
POTENTILLA-T	0	0	0	4	2	0	2	2	0	1	0	1	1	0	5	9	1
RANUNCULUS-T	4	1	1	2	0	4	0	2	2	1	0	0	1	1	0	1	0
CALTHA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THALICTRUM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	1	1	1	0	0	1	1	2	0	0	0	0	0	0	1	0	0
GALIUM-T	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
VICIA	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
GENISTA-T	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
MENTHA-T	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANAGALLIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUMEX	5	1	2	3	6	9	1	3	1	1	2	0	0	0	0	0	0
TARAXACUM-T	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
COMPOSITAE TUB.	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
CIRSIIUM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
MELAMPYRUM	31	23	17	33	29	35	23	11	11	9	3	1	0	0	0	0	1
P. LANCEOLATA	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HYDROCOTYLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
POTAMOGETON	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
PTERIDIUM	6	4	2	4	3	3	5	6	9	7	0	1	4	2	1	0	1
POLYPODIUM	1	4	1	1	2	2	3	1	2	2	1	2	1	3	0	3	6
EQUISETUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FILICALES	69	62	75	65	72	91	68	32	36	36	10	12	6	12	8	11	4
SPHAGNUM	57	22	42	51	43	41	20	42	50	49	67	56	143	156	97	149	366
LYCOPODIUM	112	81	116	84	109	84	87	124	99	154	104	82	150	188	152	178	370

NORTH GILL 5A

POLLEN COUNTS-CONTINUED

DEPTH	-71	-72	-73	-74	-75	-76	-77	-78	-79	-80	-81	-82	-83	-84	-85	-86	-87
BETULA	31	45	46	43	42	24	21	25	24	26	27	31	26	20	25	28	26
PINUS	5	24	28	26	30	5	6	3	4	4	5	7	7	9	9	12	10
ULMUS	26	28	28	32	27	28	27	31	28	29	31	31	35	36	30	29	33
QUERCUS	81	50	42	45	48	82	88	80	79	77	75	72	74	76	75	74	76
TILIA	5	2	4	3	3	8	8	9	12	10	12	8	8	8	10	7	5
FRAXINUS	2	1	2	1	0	3	0	2	3	4	0	1	0	1	1	0	0
FAGUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALNUS	125	70	42	59	80	188	316	502	560	471	501	512	580	601	586	521	501
CORYLUS/MYRICA	221	402	386	412	417	180	141	177	141	136	152	188	236	227	228	227	236
SALIX	2	17	22	17	7	1	1	3	3	0	1	1	8	4	4	7	2
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ILEX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	0	3	0	1	0	0	2	0	0	0	1	0	0	1	0	0	1
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRUNUS	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
SORBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALLUNA	21	36	46	39	39	17	17	18	12	14	14	21	14	18	18	24	12
GRAMINEAE	200	92	101	82	88	80	47	70	47	29	28	52	36	60	38	42	36
CEREAIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CYPERACEAE	21	11	20	17	11	12	18	14	4	17	12	18	21	12	27	7	11
ROSACEAE	4	7	12	8	8	2	4	1	5	3	2	7	4	2	3	4	3
FILIPENDULA	0	4	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0
POTENTILLA-T	3	0	1	4	3	2	3	0	1	0	0	1	1	1	1	0	1
RANUNCULUS-T	1	3	1	3	0	1	0	0	1	0	0	0	0	0	0	0	0
CALTHA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	2	0	2	1	1	0	0	0	0	0	0	0	1	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VICIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENISTA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENTHA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANAGALLIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUMEX	0	5	7	6	4	0	0	1	0	0	0	1	0	1	0	0	1
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMPOSITAE TUB.	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
CIRSIIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MELAMPYRUM	0	11	12	14	10	0	0	0	0	0	0	0	0	3	1	2	1
P. LANCEOLATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HYDROCOTYLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTAMOGETON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	2	11	14	6	12	2	1	1	1	0	0	0	0	1	1	1	2
POLYPODIUM	2	1	3	3	2	4	6	7	7	5	2	6	7	12	4	1	2
EQUISETUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FILICALES	5	30	28	32	28	16	14	24	17	16	8	17	16	16	4	19	12
SPHAGNUM	68	64	52	47	41	47	27	24	21	24	11	24	21	30	18	17	13
LYCOPODIUM	132	116	96	82	206	401	256	197	212	277	201	162	116	121	112	102	112

NORTH GILL 5A

POLLEN COUNTS-CONTINUED

DEPTH	-88	-89	-90	-91	-92	-93	-94	-95	-96	-97	-98	-99
BETULA	40	39	38	41	40	41	39	42	46	45	48	55
PINUS	12	15	16	20	25	21	18	18	14	22	26	26
ULMUS	29	33	32	29	29	27	25	31	29	31	30	32
QUERCUS	62	56	57	54	51	56	60	56	52	46	40	36
TYLIA	7	3	4	4	5	3	4	10	9	5	4	1
FRAXINUS	0	4	3	2	0	2	4	3	0	1	2	0
FAGUS	0	0	0	0	0	0	0	0	0	0	0	0
ALNUS	201	133	122	112	101	126	188	118	157	101	84	57
CORVUS/MYRICA	290	316	312	341	290	296	217	281	232	381	351	386
SALIX	7	8	12	8	3	4	2	8	6	17	12	12
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	0
ILEX	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	1	0	0	0	0	0	0	0	0	0	0	0
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0
PRUNUS	1	0	0	0	0	0	0	0	0	0	0	0
SORBUS	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	0	0	0	0	0	0	0	0	0	0	0	0
CALLUNA	22	14	15	19	14	8	18	12	16	15	11	8
GRAMINEAE	47	50	68	50	47	47	60	60	71	41	36	27
CEREALIA-T	0	0	0	0	0	0	0	0	0	0	0	0
CYPERACEAE	10	26	30	12	12	12	18	18	14	17	14	11
ROSACEAE	2	3	9	4	8	2	4	4	7	4	6	8
FILIPENDULA	0	0	0	1	0	0	0	0	0	2	2	1
POTENTILLA-T	0	7	2	0	0	2	0	1	0	1	0	4
RANUNCULUS-T	1	1	0	0	0	1	0	0	1	1	2	1
CALTHA	0	0	0	0	0	0	0	0	0	0	0	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	1	1	3	1	0	1	3	1	1	0	0	2
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0
VICIA	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0
GENISTA-T	0	0	0	0	0	0	0	0	0	0	0	0
MENTHA-T	0	0	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	0	0	0	0
ANAGALLIS	0	0	0	0	0	0	0	0	0	0	0	0
RUMEX	3	3	3	2	0	1	0	1	4	8	12	4
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	0	0
COMPOSITAE TUB.	0	0	0	0	0	0	0	0	0	0	0	0
CIRSIUM	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	0	1	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	1	0	1	1	0	0	0	0
ARTEMISIA	0	0	0	0	0	0	0	0	0	0	0	0
MELAMPYRUM	3	6	7	9	4	2	1	4	3	18	22	18
P. LANCEOLATA	0	0	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0	0	0
HYDROCOTYLE	0	0	0	0	0	0	0	0	0	0	0	0
POTAMOGETON	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	4	2	4	3	0	6	7	7	8	11	16	12
POLYPODIUM	3	1	3	4	3	3	4	6	5	7	4	6
EQUISETUM	0	0	0	0	0	0	0	0	0	0	0	0
FILICALES	11	11	11	8	10	14	14	11	7	26	37	21
SPHAGNUM	12	4	7	12	12	12	7	9	12	11	21	24
LYCOPODIUM	227	91	92	100	127	86	182	87	101	99	112	86

NORTH GILL 5B

POLLEN COUNTS

DEPTH	-22	-23	-24	-25	-26	-27	-28	-29	-30	-31	-32	-33	-34	-35	-36	-37	-38
BETULA	29	24	42	43	48	28	29	35	38	32	26	29	15	21	26	22	33
PINUS	6	1	4	4	6	4	4	1	1	6	5	6	1	6	4	7	1
ULMUS	8	10	6	4	4	4	5	8	12	24	23	23	23	26	23	26	29
QUERCUS	95	104	80	94	86	100	99	97	89	70	77	84	95	86	82	76	77
TILIA	3	5	8	1	6	7	10	8	9	16	15	5	11	9	7	14	5
FRAXINUS	9	5	10	4	0	7	3	1	1	2	4	3	5	2	8	5	5
ALNUS	142	163	160	216	181	115	95	125	82	126	89	127	101	92	115	71	86
CORYLUS/MYRICA	283	372	432	504	391	273	215	254	185	213	176	153	153	148	137	114	116
SALIX	1	2	1	4	2	3	1	1	1	1	1	7	5	1	2	2	3
VIBURNUM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
PRUNUS-SORBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	1	1	0	0	0	0	0	0	1	1	0	1	0	2	0	0	1
ILEX	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
CALLUNA	72	24	7	8	8	12	9	20	26	126	25	30	37	11	2	11	6
ERICACEAE	29	1	1	1	5	6	1	1	2	3	0	0	0	0	0	0	0
GRAMINEAE	103	172	146	281	256	254	375	322	337	246	116	126	123	125	226	141	148
CYPERACEAE	38	19	83	27	43	18	7	11	14	31	23	72	27	57	70	47	69
ROSACEAE	3	3	3	5	6	3	1	3	1	3	3	2	3	4	4	1	0
RUBUS	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
FILIPENDULA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTENTILLA-T	0	0	0	4	2	2	0	0	0	2	0	1	0	1	0	0	3
SANGUISORBA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RANUNCULUS	1	1	4	5	4	4	2	1	1	4	1	2	2	4	0	0	4
THALICTRUM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VICIA SYLVATICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENISTA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENTHA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STACHYS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
MELAMPYRUM	0	0	0	0	0	0	0	0	1	0	0	3	1	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1
RUMEX	0	1	0	1	0	1	1	1	0	0	1	0	0	2	0	1	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELLARIA-T	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
COMPOSITAE TUB.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CIRSIIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TARAXACUM-T	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	0	0	1	5	9	11	5	1	0	0	0	0	0	0	0	0	0
T. ANGUSTIFOLIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTAMOGETON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	0	0	5	8	6	14	9	2	2	1	2	0	2	1	7	6	1
EQUISETUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLYPODIUM	5	2	2	6	6	4	3	3	6	4	2	4	1	3	3	1	4
FILICALES	9	8	7	5	8	7	8	2	13	7	4	9	8	4	10	6	7
SPHAGNUM	30	29	24	38	30	14	10	44	29	52	67	79	75	147	110	56	199
LYCOPODIUM	840	253	221	341	438	285	130	131	110	144	115	108	93	131	186	439	130

	-39	-40	-41	-42	-43	-44	-45	-46	-47	-48	-49	-50	-51	-52	-53	-54	-55
BETULA	22	23	31	42	43	48	46	48	54	44	45	45	39	62	39	48	55
PINUS	3	4	26	24	23	25	25	26	31	27	25	21	29	18	26	22	25
ULMUS	29	23	33	28	31	28	26	26	23	24	23	26	32	24	31	24	26
QUERCUS	77	91	56	51	51	45	42	48	38	52	52	51	44	40	48	54	39
TILIA	15	5	3	2	2	1	7	2	4	2	3	7	5	0	4	2	1
FRAXINUS	4	4	1	3	0	3	4	0	0	1	2	0	1	6	2	0	4
ALNUS	118	77	57	120	84	71	107	83	102	96	80	82	121	60	77	59	79
CORYLUS/MYRICA	180	178	212	321	259	361	449	309	406	337	298	311	475	330	406	308	394
SALIX	2	0	5	7	7	7	11	11	6	10	15	9	9	11	9	9	6
VIBURNUM	0	0	1	0	1	1	0	2	0	0	0	0	0	1	1	0	0
PRUNUS-SORBUS	0	0	0	2	0	0	0	0	0	0	0	3	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LONICERA	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0
HEDERA	0	0	1	1	2	0	0	1	1	0	0	1	2	0	0	0	0
ILEX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALLUNA	9	7	6	10	12	10	11	12	14	16	6	15	13	8	13	12	12
ERICACEAE	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
GRAMINEAE	221	204	141	157	99	91	97	81	95	103	73	115	93	113	120	134	96
CYPERACEAE	69	61	25	41	20	29	27	14	8	25	25	24	12	30	17	18	15
ROSACEAE	1	1	8	18	6	12	10	3	14	16	15	16	19	23	14	15	21
RUBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FILIPENDULA	0	0	2	4	1	7	7	7	2	2	4	1	1	1	2	3	7
POTENTILLA-T	1	4	2	2	1	0	0	0	1	1	3	6	6	2	0	3	4
SANGUISORBA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RANUNCULUS	1	0	3	3	2	3	2	1	2	0	1	3	4	0	1	5	4
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
SUCCISA	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	1
VALERIANA	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	2
VICIA SYLVATICA	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
GENISTA-T	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
MENTHA-T	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
STACHYS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0
MELAMPYRUM	0	0	11	27	27	35	30	26	15	23	25	16	30	16	33	20	25
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0
RUMEX	0	0	5	4	7	7	2	4	2	5	6	6	4	5	0	4	2
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
STELLARIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMPOSITAE TUB.	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1
CIRSIUM	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T. ANGUSTIFOLIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTAMOGETON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	1	3	8	8	6	8	5	6	5	4	2	3	8	8	4	1	3
EQUISETUM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
POLYPODIUM	4	2	0	4	1	2	4	2	3	1	1	1	1	0	2	3	2
FILICALES	8	9	42	50	68	48	91	55	60	56	37	102	85	80	113	59	75
SPHAGNUM	115	103	29	58	25	37	40	26	29	50	41	29	40	26	32	26	46
LYCOPIDIUM	179	266	98	118	119	95	115	66	134	74	72	78	59	130	104	69	99

NORTH GILL 5B

POLLEN COUNTS--CONTINUED

DEPTH	-56	-57	-58	-59	-60	-61	-62	-63	-64	-65	-66	-67	-68	-69	-70	-71	-72
BETULA	64	59	47	58	20	17	20	18	18	29	15	24	24	26	47	43	44
PINUS	19	24	25	28	7	3	7	12	9	7	12	4	4	6	27	27	28
ULMUS	26	26	32	28	27	35	27	28	28	21	37	30	23	25	27	30	30
QUERCUS	39	41	43	35	92	86	85	86	82	84	79	82	92	83	48	43	45
TILIA	2	0	1	1	4	7	3	6	11	7	6	8	5	7	0	6	2
FRAAXINUS	0	0	2	0	0	2	6	0	2	2	1	2	2	2	1	1	1
ALNUS	90	85	110	71	119	129	102	87	126	123	96	142	92	127	58	39	51
CORYLUS/MYRICA	356	378	325	321	200	168	150	266	249	204	196	278	167	224	431	395	400
SALIX	9	9	11	4	2	2	2	3	9	5	2	1	1	2	12	20	10
VIBURNUM	0	1	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0
PRUNUS-SORBUS	2	1	1	1	0	0	0	0	0	0	0	1	0	0	1	0	0
CRATAEGUS-T	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LONICERA	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	0	1	0	1	0	1	0	0	0	1	1	0	1	0	2	0	2
ILEX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALLUNA	13	21	18	10	13	17	13	23	27	17	14	26	14	23	34	52	33
ERICACEAE	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0
GRAMINEAE	87	61	87	89	71	61	179	111	177	159	167	204	174	208	89	73	73
CYPERACEAE	29	11	20	12	47	54	15	17	33	23	35	25	18	27	7	19	6
ROSACEAE	17	15	16	10	2	7	4	9	12	6	3	9	8	8	10	15	5
RUBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FILIPENDULA	2	4	0	5	1	0	0	1	0	0	0	0	1	0	3	0	0
POTENTILLA-T	0	2	2	4	2	4	2	0	1	15	7	8	2	4	0	1	3
SANGUISORBA	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
RANUNCULUS	1	2	1	1	1	2	4	0	2	6	0	1	3	3	1	1	1
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VICIA SYLVATICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENISTA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENTHA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
STACHYS-T	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
MELAMPYRUM	24	20	16	14	2	0	0	0	3	1	2	0	0	0	14	14	13
URTICA	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0
RUMEX	1	4	4	2	1	0	2	0	1	1	2	1	1	0	3	4	5
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
CHENOPODIACEAE	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELLARIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMPOSITAE TUB.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CIRSIIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T. ANGUSTIFOLIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTAMOGETON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
PTERIDIUM	2	5	9	12	1	1	0	0	1	3	3	0	5	4	7	12	5
EQUISETUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLYPODIUM	0	1	1	4	0	2	2	2	2	4	0	2	1	1	1	3	1
FILICALES	56	58	52	76	13	13	9	9	12	7	12	13	8	7	54	20	27
SPHAGNUM	45	40	34	34	37	38	139	129	119	20	93	46	246	71	60	74	61
LYCOPODIUM	118	104	87	121	143	174	126	116	180	157	171	190	175	146	112	89	68

NORTH GILL 5B

POLLEN COUNTS-CONTINUED

DEPTH	-73	-74	-75	-76	-77	-78	-79	-80	-81	-82	-83	-84	-85	-86	-87	-88	-89
BETULA	40	21	23	31	28	29	30	25	24	28	29	18	32	26	21	47	40
PINUS	36	7	6	5	7	5	7	16	11	11	8	10	8	13	11	23	18
ULMUS	23	30	24	27	28	29	29	33	37	40	40	38	37	29	38	24	30
QUERCUS	46	80	88	80	75	79	78	69	74	66	72	72	71	76	78	51	58
TILIA	2	5	8	6	11	7	5	4	1	4	1	0	2	6	2	4	4
FRAXINUS	3	7	1	1	1	1	1	3	3	1	0	2	0	0	0	0	0
ALNUS	62	122	366	561	581	491	554	539	582	613	682	748	712	747	586	159	140
CORYLUS/MYRICA	543	175	165	158	151	144	229	316	322	294	256	288	256	203	221	282	290
SALIX	4	1	1	2	0	1	1	8	9	14	4	9	7	6	10	7	8
VIBURNUM	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
PRUNUS-SORBUS	2	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
LONICERA	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	4	0
HEDERA	1	0	1	0	0	1	0	1	1	1	1	2	0	0	0	1	0
ILEX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALLUNA	31	8	13	14	14	13	20	21	24	13	4	7	9	15	13	14	7
ERICACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRAMINEAE	80	64	26	46	39	24	29	45	36	51	60	58	41	53	31	36	28
CYPERACEAE	8	16	12	10	2	6	4	7	14	5	17	6	8	4	6	10	18
ROSACEAE	9	2	7	3	6	4	2	9	5	10	4	3	2	5	4	2	3
RUBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FILIPENDULA	1	0	0	1	1	0	0	2	2	0	2	1	1	1	1	0	0
POTENTILLA-T	4	2	5	3	1	1	0	3	1	4	0	0	0	1	0	7	2
SANGUISORBA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RANUNCULUS	0	3	0	0	2	1	1	0	0	0	0	0	0	0	0	4	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	0	0	0	0	0	1	0	0	1	2	2	1	1	0	3	4
VALERIANA	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
VICIA SYLVATICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENISTA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENTHA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STACHYS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
UMBELLIFERAE	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
MELAMPYRUM	10	0	1	2	0	3	2	5	4	5	6	3	3	2	1	2	3
URTICA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
RUMEX	2	2	1	2	1	0	0	3	2	1	1	1	0	1	0	1	1
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELLARIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMPOSITAE TUB.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CIRSIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T. ANGUSTIFOLIA	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
POTAMOGETON	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
PTERIDIUM	14	3	3	2	2	2	3	2	3	6	3	3	1	2	1	10	8
EQUISETUM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
POLYPODIUM	2	7	5	1	6	2	6	5	7	5	4	6	4	2	3	2	5
FILICALES	49	27	4	21	15	20	35	39	17	30	21	24	26	28	18	17	11
SPHAGNUM	52	59	18	10	16	17	19	24	25	18	17	32	21	28	17	2	6
LYCOPODIUM	452	706	256	158	191	197	122	95	80	50	47	37	47	79	72	56	61

NORTH GILL 5B

POLLEN COUNTS-CONTINUED

DEPTH	-90	-91	-92	-93	-94	-95	-96	-97	-98	-99
BETULA	46	40	45	45	49	43	54	56	85	67
PINUS	15	18	26	21	12	19	16	24	20	24
ULMUS	25	30	25	28	22	31	23	30	27	33
QUERCUS	62	60	54	55	65	56	52	38	18	26
TILIA	1	1	0	1	2	1	5	2	0	0
FRAXINUS	1	1	0	0	0	0	0	0	0	0
ALNUS	166	82	79	101	242	115	157	112	12	26
CORYLUS/MYRICA	340	302	264	286	251	301	232	391	400	386
SALIX	13	4	2	4	4	12	6	8	7	11
VIBURNUM	0	0	0	0	1	0	0	0	0	0
PRUNUS-SORBUS	0	0	0	0	0	0	1	0	0	0
CRATAEGUS-T	0	0	0	0	0	0	0	0	0	0
LONICERA	1	1	0	0	3	1	1	1	0	0
HEDERA	2	0	1	1	0	0	0	0	0	0
ILEX	0	0	0	0	0	0	0	0	0	0
CALLUNA	9	8	6	6	11	3	6	7	8	6
ERICACEAE	0	0	0	0	0	0	0	0	0	0
GRAMINEAE	60	51	32	26	45	36	41	36	43	36
CYPERACEAE	49	22	24	11	12	18	14	12	4	7
ROSACEAE	19	11	14	3	9	7	11	4	7	3
RUBUS	0	0	0	0	0	0	0	0	0	0
FILIPENDULA	1	0	1	1	0	0	2	2	6	1
POTENTILLA-T	4	3	4	0	2	3	0	0	0	1
SANGUISORBA	0	0	0	0	0	0	0	0	0	0
RANUNCULUS	0	0	1	0	1	0	5	1	1	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0
SUCCISA	5	1	6	3	1	2	6	0	0	0
VALERIANA	0	0	0	0	1	0	0	0	0	0
VICIA SYLVATICA	0	0	0	0	0	0	0	0	0	0
GENISTA-T	0	0	0	0	0	0	0	0	0	0
MENTHA-T	0	0	0	0	0	0	0	0	0	0
STACHYS-T	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	1	1	1	0	0	0	0	1
MELAMPYRUM	2	4	6	4	2	3	1	12	40	27
URTICA	0	0	0	0	0	0	1	0	0	0
ARTEMISIA	0	0	0	0	0	0	0	0	0	0
RUMEX	2	1	2	1	0	2	0	1	5	4
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0
STELLARIA-T	0	0	0	0	0	0	0	0	0	0
COMPOSITAE TUB.	0	0	0	0	0	0	0	0	0	0
CIRSIUM	0	0	0	0	0	0	0	0	0	0
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	0	0	0	0	0	0	0	0	0	0
T. ANGUSTIFOLIA	0	0	0	0	0	0	0	0	0	0
POTAMOGETON	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	11	8	2	4	4	7	12	7	6	11
EQUISETUM	0	0	0	0	0	0	0	0	0	0
POLYPODIUM	2	3	1	4	2	3	6	2	0	1
FILICALES	4	11	6	12	15	17	8	18	31	40
SPHAGNUM	2	12	7	17	3	12	2	12	27	26
LYCOPODIUM	55	46	51	71	58	70	52	28	20	28

NORTH GILL 5B (D2) POLLEN COUNTS

DEPTH	-680	-681	-682	-683	-684	-685	-686	-687	-688	-689	-690	-691	-692	-693	-694	-695	-696
BETULA	17	15	18	21	16	14	18	25	22	24	19	23	25	17	27	18	18
PINUS	4	4	4	3	4	5	5	6	7	5	8	6	2	10	2	8	9
ULMUS	30	27	33	30	36	35	30	32	26	30	32	30	40	33	33	37	33
QUERCUS	86	96	85	91	87	85	89	80	81	80	82	85	74	79	82	80	80
TILIA	12	6	9	4	5	5	3	6	11	10	5	4	7	9	5	5	6
FRAXINUS	1	2	1	1	2	6	5	1	3	2	4	2	2	2	1	2	4
FAGUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALNUS	122	112	92	113	110	91	129	94	116	108	96	114	96	101	109	95	105
CORYLUS/MYRICA	212	242	247	210	232	190	241	207	215	207	200	224	227	204	231	186	183
SALIX	1	1	0	0	1	3	0	0	0	1	0	0	1	1	1	3	0
ILEX	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
HEDERA	0	0	1	1	0	0	1	2	2	0	0	0	2	1	1	0	0
LONICERA	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
RHAMNUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRUNUS	0	1	1	1	0	1	0	0	0	0	0	1	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
RUBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
CALLUNA	20	12	17	19	16	17	23	20	17	16	18	20	13	24	14	9	22
GRAMINEAE	170	167	111	161	123	158	128	184	172	187	114	169	195	191	172	152	167
CYPERACEAE	13	20	7	12	4	13	12	9	9	13	19	17	13	10	9	13	11
ROSACEAE	8	6	10	11	8	4	6	7	8	5	4	10	5	11	4	3	4
FILIPENDULA	2	0	0	0	0	2	0	0	0	2	0	0	1	0	0	1	0
POTENTILLA-T	2	3	1	5	4	3	6	4	2	4	2	2	1	3	1	1	0
SANGUISORBA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RANUNCULUS	2	2	0	1	3	3	0	1	3	2	1	2	0	2	1	2	2
CALTHA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
MENTHA-T	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANNABACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0
VICIA SYLVATICA	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
MERCURIALIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
RUMEX	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0
MELAMPYRUM	1	0	0	1	0	1	0	1	0	0	0	0	0	2	0	0	1
ARTEMISIA	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
CIRSIIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMPOSITAE TUB.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILOBIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TYPHA ANGUSTIFOL	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
POTAMOGETON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NUPHAR	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
PTERIDIUM	0	0	0	3	0	0	2	3	3	2	1	4	1	2	2	1	6
POLYPODIUM	3	2	1	1	1	2	1	1	3	3	2	1	5	4	1	3	5
EQUISETUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FILICALES	8	3	3	7	2	2	7	8	14	6	4	7	8	5	9	4	7
OSMUNDA	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
SPHAGNUM	26	39	10	13	9	35	38	31	26	61	57	32	66	61	39	67	56
LYCOPODIUM	78	46	37	59	29	99	54	48	50	35	38	49	43	45	38	49	43

NORTH GILL 5B (D2) POLLEN COUNTS-CONTINUED

DEPTH	-697	-698	-699	-700	-701	-702	-703	-704	-705	-706	-707	-708	-709	-710	-711	-712	-713
BETULA	24	26	28	25	39	24	37	30	27	39	40	38	41	51	40	42	40
PINUS	9	6	10	12	17	23	23	26	36	32	34	33	47	35	39	40	42
ULMUS	35	40	32	37	35	44	38	40	31	30	29	37	26	30	30	31	30
QUERCUS	73	67	69	66	51	49	49	50	45	44	43	41	29	32	36	34	33
TILIA	8	8	5	7	6	9	3	2	7	3	4	0	4	1	3	2	3
FRAXINUS	1	3	5	3	2	1	0	2	4	2	0	1	3	1	2	1	2
FAGUS	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALNUS	93	92	86	103	102	114	104	72	62	72	61	66	67	60	61	55	48
CORYLUS/MYRICA	153	237	203	243	421	414	402	387	485	482	549	630	550	560	536	566	495
SALIX	1	2	3	1	1	3	2	2	6	7	5	4	12	5	14	6	7
ILEX	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
HEDERA	1	1	2	3	0	1	1	1	0	1	1	1	0	0	1	1	0
LONICERA	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1	0	0
RHAMNUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRUNUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
CRATAEGUS-T	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
ERICACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALLUNA	25	44	23	30	42	57	42	36	53	52	52	79	50	55	53	47	44
GRAMINEAE	120	156	116	153	101	97	71	36	73	63	59	69	80	64	91	52	72
CYPERACEAE	5	10	10	17	5	5	2	4	5	2	6	8	2	6	17	8	5
ROSACEAE	12	6	7	7	4	7	11	2	6	8	9	12	14	14	5	4	5
FILIPENDULA	1	1	1	2	3	1	2	4	1	3	2	2	3	1	3	2	1
POTENTILLA-T	0	1	0	2	0	0	0	0	0	0	0	0	0	0	1	1	0
SANGUISORBA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RANUNCULUS	2	1	3	2	0	0	2	1	1	2	1	0	0	1	1	3	2
CALTHA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENTHA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
UMBELLIFERAE	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
CANNABACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	1	0	1	1	1	1	1	1	2	4	3	4	1	3	2	1
VICIA SYLVATICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MERCURIALIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUMEX	0	0	0	0	0	0	0	0	0	0	0	1	4	1	1	4	1
MELAMPYRUM	0	2	1	9	1	5	3	5	8	5	5	4	14	17	12	14	16
ARTEMISIA	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
CIRSIIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMPOSITAE TUB.	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
CHENOPODIACEAE	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0
P. LANCEOLATA	1	0	0	0	0	0	0	0	0	0	0	0	2	3	3	1	1
EPILOBIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
P. MAJOR-MEDIA	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TYPHA ANGUSTIFOL	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
POTAMOGETON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NUPHAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	2	1	5	1	3	4	2	0	3	2	1	7	2	2	0	4	8
POLYPODIUM	6	2	1	3	2	6	1	5	1	2	4	4	3	1	2	1	3
EQUISETUM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	2	0
FILICALES	2	6	11	9	29	23	13	9	18	19	32	28	31	17	33	25	19
OSMUNDA	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPHAGNUM	40	43	42	117	27	7	16	11	12	6	14	0	14	1	18	2	20
LYCOPODIUM	40	55	55	71	111	66	73	62	44	38	32	46	38	54	43	52	51

NORTH GILL 5B (D2) POLLEN COUNTS-CONTINUED

DEPTH	-714-	-715-	-716-	-717-	-718-	-719-	-720-	-721-	-722-	-723-	-724-	-725-	-726-	-727-	-728-	-729-	-730
BETULA	47	50	47	49	36	39	38	40	39	34	36	39	32	28	24	19	39
PINUS	32	36	40	23	30	28	30	19	13	25	19	18	27	30	40	39	22
ULMUS	29	28	31	36	33	31	34	31	27	28	32	32	35	38	32	42	37
QUERCUS	39	33	31	37	47	48	49	53	57	55	57	55	52	48	49	47	48
TILIA	3	3	1	5	4	2	8	5	8	5	6	6	3	6	5	2	3
FRAXINUS	0	0	0	0	0	2	1	1	6	3	0	0	1	1	0	1	1
FAGUS	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
ALNUS	43	60	53	62	51	58	78	102	105	87	80	102	90	80	60	88	99
CORYLUS/MYRICA	473	598	494	436	424	305	485	351	315	329	359	477	488	502	580	572	471
SALIX	10	8	16	2	10	12	5	0	9	5	7	7	13	9	3	4	6
ILEX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	1	0	0	0	0	0	1	0	1	1	1	1	0	1	0	2	2
LONICERA	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0
RHAMNUS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
PRUNUS	0	0	0	0	0	0	0	0	0	1	0	0	2	1	1	0	1
CRATAEGUS-T	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
RUBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
ERICA-T	0	0	0	1	0	0	0	0	0	0	0	0	1	2	0	0	0
ERICACEAE	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
CALLUNA	46	85	52	65	52	30	66	22	41	32	35	50	39	49	55	41	26
GRAMINEAE	76	62	53	56	48	97	92	91	84	64	77	66	74	75	44	58	61
CYPERACEAE	7	8	2	18	3	12	7	8	17	9	5	3	9	6	1	8	4
ROSACEAE	6	7	7	6	3	5	7	14	9	9	6	9	13	6	6	8	7
FILIPENDULA	4	2	5	2	2	2	5	3	5	4	4	4	4	4	5	2	3
POTENTILLA-T	1	0	0	0	1	1	1	3	7	2	1	1	0	1	0	0	1
SANGUISORBA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
RANUNCULUS	2	1	1	3	3	2	5	3	5	1	1	15	2	2	1	3	0
CALTHA	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
MENTHA-T	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	1	1	0	0	2	0	0	0	0	0	1	0	0	0
CANNABACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SUCCISA	1	2	6	0	1	0	2	3	3	0	0	3	1	1	1	3	1
VICIA SYLVATICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURIALIS	1	2	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
VALERIANA	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0	1	0
URTICA	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
RUMEX	3	1	0	0	1	1	0	0	0	0	1	1	1	2	0	0	0
MELAMPYRUM	12	15	14	12	4	7	5	4	9	6	4	4	6	2	6	12	7
ARTEMISIA	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0
CIRSIIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMPOSITAE TUB.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
SILENE-T	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
P. LANCEOLATA	0	0	0	0	1	0	1	0	0	1	1	0	0	0	0	2	0
EPILOBIUM	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
TYPHA ANGUSTIFOL	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
POTAMOGETON	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
NUPHAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	9	9	5	7	5	4	3	1	0	0	1	3	0	4	1	5	1
POLYPODIUM	1	1	3	2	2	1	7	3	2	2	5	2	6	6	3	5	2
EQUISETUM	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0
FILICALES	17	17	20	26	29	14	12	6	15	22	19	15	18	18	14	24	22
OSMUNDA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPHAGNUM	24	4	13	14	19	25	8	13	44	30	5	18	24	21	9	3	6
LYCOPIDIUM	46	64	51	66	33	17	88	54	32	30	31	48	41	45	46	38	21

NORTH GILL 5B (D2) POLLEN COUNTS-CONTINUED

DEPTH	-731-	-732-	-733-	-734-	-735-	-736-	-737-	-738-	-739-	-740-	-741-	-742-	-743-	-744-	-745-	-746-	-747-	-748-	-749-	-750
BETULA	16	11	18	16	12	22	20	18	20	12	21	19	21	30	19	19	20	18	19	12
PINUS	10	6	4	3	3	3	3	4	5	3	3	2	8	8	6	4	6	4	5	6
ULMUS	44	37	25	26	34	24	22	25	24	26	21	25	28	21	37	41	35	30	26	33
QUERCUS	76	89	96	94	91	88	96	93	97	103	97	95	84	78	80	73	81	84	90	91
TILIA	3	6	2	10	9	10	6	7	4	4	6	10	7	12	7	11	8	14	8	6
FRAXINUS	1	1	5	1	1	3	3	3	0	2	2	0	2	1	1	2	0	0	2	2
FAGUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALNUS	120	163	214	194	160	139	123	98	94	103	96	86	167	207	211	224	267	312	372	412
CORYLUS/MYRICA	271	187	199	177	138	152	161	165	119	153	118	108	143	221	210	200	192	188	228	148
SALIX	3	0	0	1	0	1	2	2	2	0	0	0	0	3	2	1	1	0	0	1
ILEX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	2	0	0	0	1	0	0	0	2	1	0	1	0	0	1	1	0	0	0	0
LONICERA	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0
RHAMNUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRUNUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
ERICACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALLUNA	18	9	10	5	15	12	14	2	10	16	4	6	11	16	20	14	9	7	11	9
GRAMINEAE	29	37	35	28	33	32	28	38	30	37	34	20	25	37	42	36	40	46	37	28
CYPERACEAE	4	2	5	5	5	5	4	5	1	6	3	2	8	12	2	2	2	7	2	1
ROSACEAE	7	4	5	5	4	2	3	0	3	5	3	3	0	5	4	5	4	1	1	2
FILIPENDULA	2	2	3	3	1	2	1	2	1	0	1	0	2	5	1	0	0	0	1	1
POTENTILLA-T	0	1	1	0	1	2	0	1	1	2	0	0	4	3	1	1	4	3	2	1
SANGUISORBA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RANUNCULUS	0	0	2	1	2	1	2	0	1	1	1	2	0	1	1	0	0	0	2	0
CALTHA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENTHA-T	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
UMBELLIFERAE	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANNABACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	1	0	0	0
VICIA SYLVATICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURIALIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0
RUMEX	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	1	1	0	0	0
MELAMPYRUM	2	1	1	1	0	1	0	0	1	0	0	0	0	2	0	0	0	0	0	0
ARTEMISIA	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
CIRSIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
COMPOSITAE TUB.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILOBIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TYPHA ANGUSTIFOL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTAMOGETON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NUPHAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	0	0	0	1	2	2	0	0	0	0	0	1	0	0	0	1	0	0	0	0
POLYPODIUM	6	7	3	3	4	4	5	8	4	4	2	3	2	2	4	6	2	4	4	2
EQUISETUM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FILICALES	19	17	25	17	17	35	28	32	32	23	23	11	14	29	5	4	4	14	7	4
OSMONDA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPHAGNUM	2	1	18	9	22	24	27	24	31	36	28	15	13	18	0	0	1	3	2	0
LYCOPODIUM	34	64	68	81	70	106	154	114	233	195	154	63	75	82	132	152	54	57	43	51

NORTH GILL 1A

POLLEN COUNTS

	-50	-51	-52	-53	-54	-55	-56	-57	-58	-59	-60	-61	-62	-63	-64	-65	-66
DEPTH	-50	-51	-52	-53	-54	-55	-56	-57	-58	-59	-60	-61	-62	-63	-64	-65	-66
BETULA	55	67	74	54	31	30	23	41	31	27	8	25	29	17	11	21	25
PINUS	8	2	5	7	4	4	5	1	0	1	3	3	3	6	5	3	3
ULMUS	1	8	12	8	16	9	19	12	8	11	44	32	22	30	27	21	29
QUERCUS	61	69	52	73	90	98	91	87	103	95	91	77	81	87	83	90	85
TILIA	0	1	2	5	3	4	8	6	7	9	4	5	4	8	22	8	4
FRAXINUS	17	3	5	3	3	3	4	3	1	6	0	8	11	2	2	1	4
FAGUS	8	0	0	0	3	2	0	0	0	1	0	0	0	0	0	0	0
ALNUS	64	63	87	70	112	127	110	157	146	121	71	104	168	75	160	106	69
CORYLUS/MYRICA	108	109	128	175	264	258	271	303	271	377	257	106	153	222	331	182	114
SALIX	3	4	5	3	0	0	7	9	5	1	0	0	0	1	0	3	0
PRUNUS-SORBUS	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	0	0	0	0	2	1	0	0	0	1	1	0	0	0	0	1	1
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPETRUM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
CALLUNA	312	344	658	405	1214	143	120	128	155	148	25	16	14	15	15	16	13
ERICA-T	5	1	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0
GRAMINEAE	168	125	124	105	43	78	58	58	39	80	291	60	128	287	247	404	177
CEREBALIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CYPERACEAE	94	95	84	49	3	12	3	12	5	6	6	3	1	2	2	23	9
ROSACEAE	0	0	1	5	4	1	6	0	0	5	1	3	1	1	0	3	2
FILIPENDULA	1	0	2	0	0	1	0	0	0	0	0	1	0	1	0	1	0
POTENTILLA-T	0	1	4	1	0	1	2	0	0	1	2	0	0	0	0	1	1
SANGUISORBA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RANUNCULUS	1	2	1	4	3	3	1	0	0	2	1	0	0	1	1	1	1
CALTHA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C. TUBULIFLORAE	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
SENECIO-T	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
STELLARIA-T	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
GENISTA-T	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
ONOBRYCHIS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENTIANELLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STACHYS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
SCROPHULARIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHENOPODIACEAE	3	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	5	0	4	0	1	2	0	0	0	0	0	0	0	0	1	0	0
RUMEX	3	5	2	4	2	1	0	0	1	0	1	0	0	1	0	1	0
OXYRIA-T	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
TARAXACUM-T	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	20	9	14	9	20	4	2	5	4	3	0	0	0	0	0	0	0
P. MAJOR-MEDIA	2	3	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MELAMPYRUM	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0
THALICTRUM	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
TYPHA ANG.	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTAMOGETON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	48	48	32	22	1	7	2	3	1	1	0	0	0	0	2	6	1
POLYPODIUM	1	0	1	3	3	1	2	0	2	2	1	5	1	2	2	1	0
OSMUNDA	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
FILICALES	3	7	11	6	4	5	7	3	0	4	2	7	1	3	8	6	7
EQUISETUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPHAGNUM	132	126	57	43	12	11	9	13	5	10	3	527	14	1	7	95	213

NORTH GILL 1A

POLLEN COUNTS-CONTINUED

DEPTH	-67	-68	-69	-70	-71	-72	-73	-74	-75	-76	-77	-78	-79	-80	-81	-82	-83
BETULA	27	12	24	22	9	39	47	41	24	26	16	24	28	36	23	19	18
PINUS	2	0	1	2	3	10	12	27	4	4	9	4	8	13	5	6	0
ULMUS	24	43	31	25	39	21	20	28	26	22	23	21	36	29	32	36	34
QUERCUS	89	90	82	94	90	68	59	51	87	91	95	90	75	67	82	82	90
TILIA	5	2	11	5	9	9	2	1	7	5	6	8	3	5	8	7	8
FRAXINUS	3	3	1	2	0	3	7	2	2	2	2	3	0	0	0	0	0
FAGUS	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
ALNUS	87	66	123	71	76	146	108	163	103	114	89	92	294	346	381	347	361
CORYLUS/MYRICA	183	134	165	159	288	313	218	294	164	162	115	123	207	210	243	242	275
SALIX	5	2	1	1	0	20	6	36	4	0	0	1	8	15	2	2	1
PRUNUS-SORBUS	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	1	0	0	0	0	1	0	1	0	0	1	0	1	1	0	0	0
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIBURNUM	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPETRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALLUNA	41	18	7	10	19	31	336	43	18	13	14	19	14	21	18	11	36
ERICA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRAMINEAE	94	194	108	59	83	105	139	104	123	131	125	122	156	139	94	55	79
CEREALES-T	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
CYPERACEAE	11	6	8	2	6	12	43	7	3	7	2	14	9	7	2	2	3
ROSACEAE	2	4	4	1	3	1	6	9	1	4	2	3	2	5	2	1	4
FILIPENDULA	1	0	0	1	0	6	2	2	1	0	1	1	0	1	1	0	1
POTENTILLA-T	4	2	2	7	1	4	1	2	2	2	3	1	1	2	0	0	0
SANGUISORBA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RANUNCULUS	1	2	0	2	1	3	1	0	0	0	1	1	3	2	2	0	0
CALTHA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C. TUBULIFLORAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	0	1	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELLARIA-T	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENISTA-T	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
ONOBRYCHIS-T	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
GENTIANELLA	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
STACHYS-T	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	0	0	0	0	2	0	2	0	0	0	0	1	0	2	0	0
SCROPHULARIACEAE	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
CHENOPODIACEAE	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0
ARTEMISIA	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	0
RUMEX	1	1	0	0	0	7	5	4	0	1	4	3	7	9	4	0	0
OXYRIA-T	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	0	0	0	0	0	3	13	1	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0
MELAMPYRUM	0	1	0	1	0	13	8	15	0	1	0	1	4	5	12	0	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TYPHA ANG.	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
POTAMOGETON	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
PTERIDIUM	2	2	1	0	4	9	38	10	1	3	2	0	3	8	5	0	0
POLYPODIUM	3	3	4	5	2	1	1	2	1	2	0	0	1	4	6	2	4
OSMUNDA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FILICALES	9	5	5	6	7	22	12	59	5	13	6	10	21	26	0	0	2
EQUISETUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPHAGNUM	42	148	11	49	76	72	97	26	131	30	20	8	9	5	2	2	2

NORTH GILL 1A

POLLEN COUNTS-CONTINUED

DEPTH	-84	-85	-86	-87	-88	-89	-90	-91	-92	-93	-94	-95	-96	-97	-98	-99	100	101	102	104	106	108
BETULA	20	22	16	20	19	18	10	19	21	19	22	14	24	17	14	13	24	24	34	42	30	50
PINUS	2	2	2	10	8	5	9	11	3	6	6	9	5	9	7	4	9	9	20	12	18	11
ULMUS	32	32	36	31	37	35	32	33	32	33	24	25	28	29	32	35	34	30	30	23	28	31
QUERCUS	93	84	87	86	81	84	92	79	86	86	91	94	86	90	94	87	81	84	62	70	72	57
TILIA	3	10	9	3	5	8	7	8	8	4	6	7	5	5	3	11	1	3	4	3	0	0
FRAXINUS	0	0	0	0	0	0	0	0	0	2	1	1	2	0	0	0	1	0	0	0	2	0
FAGUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
ALNUS	342	442	402	390	338	236	250	249	250	234	206	258	195	193	204	253	185	194	292	308	252	168
CORYLUS/MYRICA	264	298	312	244	234	231	248	328	289	253	281	258	194	243	233	282	180	222	278	271	308	268
SALIX	0	25	9	42	59	48	15	71	92	51	68	116	136	54	33	58	263	189	70	37	16	16
PRUNUS-SORBUS	0	0	0	2	3	0	1	0	1	0	0	1	1	0	0	0	0	0	0	1	0	0
HEDERA	0	1	0	1	0	0	2	1	1	1	0	0	1	0	2	0	0	1	0	2	0	0
LONICERA	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0
VIBURNUM	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
CRATAEGUS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0
EMPETRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALLUNA	36	34	42	24	39	22	28	34	31	26	24	30	23	31	18	19	17	26	30	29	24	31
ERICA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRAMINEAE	48	70	40	97	90	93	58	82	39	59	93	119	112	65	93	101	186	183	194	113	56	39
CEREALIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CYPERACEAE	5	6	6	4	4	5	5	4	4	4	7	7	6	1	4	4	12	8	12	9	20	8
ROSACEAE	0	7	3	8	6	5	5	2	4	6	8	6	8	3	9	6	12	4	11	6	1	7
FILIPENDULA	1	4	0	2	1	1	2	3	0	0	1	2	1	2	0	0	1	0	9	3	3	3
POTENTILLA-T	1	0	0	1	3	0	1	1	0	1	0	0	0	0	1	1	3	2	1	1	2	2
SANGUISORBA	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RANUNCULUS	0	0	0	2	1	0	0	3	1	1	1	3	1	0	2	1	1	0	2	1	3	0
CALTHA	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
C.TUBULIFLORAE	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1	0	1	0	0	0	0
STELLARIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	1	0	0
GENISTA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ONOBRYCHIS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENTIANELLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
STACHYS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	1	0	0	0	0	0	0	2	0	1	0	1	0	0	1	0	0	0	0	0	0	0
SCROPHULARIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	1	0	0	1	0	0	0	1	3	0	3	3	0	0	5	1
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1
CHENOPODIACEAE	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
RUMEX	0	1	1	1	1	0	0	0	0	1	1	0	5	0	1	0	8	6	5	4	6	3
OXYRIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P.LANCEOLATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P.MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1
MELAMPYRUM	0	0	0	2	6	1	0	1	0	0	0	0	1	0	3	0	10	8	22	10	9	6
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
TYPHA ANG.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTAMOGETON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0
PTERIDIUM	0	0	0	4	4	1	0	2	0	1	3	0	2	0	0	0	6	9	11	3	8	2
POLYPODIUM	7	5	11	2	5	9	12	8	5	4	4	8	1	4	1	7	1	2	3	4	5	9
OSMUNDA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FILICALES	0	10	0	9	8	5	9	16	2	7	13	9	0	5	8	9	27	12	40	56	24	25
EQUISETUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
SPHAGNUM	5	0	0	0	1	0	0	0	0	4	3	2	0	1	6	1	5	7	6	4	0	0

NORTH GILL 1A

POLLEN COUNTS

DEPTH	-500	-510	-520	-525	-530	-535	-540	-545	-550	-555	-560	-565	-570	-575	-580	-585	-590
BETULA	55	67	74	50	54	33	31	28	30	39	23	20	41	41	31	22	27
PINUS	8	2	5	2	7	5	4	11	4	5	5	4	1	7	0	5	1
ULMUS	1	8	12	14	8	10	16	14	9	18	19	15	12	5	8	11	11
QUERCUS	61	69	52	74	73	84	90	93	98	80	91	103	87	89	103	98	95
TILIA	0	1	2	2	5	6	3	0	4	8	8	5	6	0	7	9	9
FRAXINUS	17	3	5	7	3	12	3	4	3	0	4	2	3	8	1	5	6
FAGUS	8	0	0	1	0	0	3	1	2	0	0	1	0	0	0	0	1
ALNUS	64	63	87	103	70	96	112	152	127	128	110	295	157	126	146	116	121
CORYLUS/MYRICA	108	109	128	180	175	192	264	360	258	251	271	299	303	331	271	239	377
SALIX	3	4	5	6	3	7	0	4	0	3	7	1	9	1	5	1	1
PRUNUS-SORBUS	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ILEX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	0	0	0	1	0	1	2	0	1	0	0	0	0	0	0	0	1
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
ERICA-T	5	1	0	0	0	1	1	2	2	0	0	0	0	0	0	0	0
CALLUNA	312	344	658	288	405	510	1214	382	143	86	120	136	128	111	155	109	140
EMPETRUM	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
GRAMINEAE	168	125	124	120	105	102	43	58	78	71	58	60	58	67	39	46	80
CYPERACEAE	94	95	84	52	49	58	3	4	12	7	3	3	12	32	5	5	6
ROSACEAE	0	0	1	6	5	8	4	0	1	4	6	4	0	0	0	0	5
FILIPENDULA	1	0	2	4	0	1	0	1	1	1	0	0	0	1	0	0	0
POTENTILLA-T	0	1	4	5	1	2	0	0	1	1	2	1	0	1	0	0	1
SANGUISORBA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTERIUM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
RANUNCULUS	1	2	1	3	4	0	3	1	3	0	1	2	0	2	0	1	2
CALTHA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THALICTRUM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0
UMBELLIFERAE	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
DROSERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
CIRCAEA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
GENTIANELLA	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STACHYS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEGUMINOSAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ONOBRYCHIS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENISTA-T	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
SCROPHULARIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MELAMPYRUM	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0
CHENOPODIACEAE	3	2	1	1	2	2	1	2	0	1	0	1	0	1	0	0	0
SILENE-T	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
STELLARIA-T	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
MERCURIALIST-T	0	0	0	0	0	0	0	3	3	0	0	0	0	2	0	0	0
P. MAJOR-MEDIA	2	3	4	0	1	0	0	2	0	0	0	1	0	0	0	0	0
P. LANCEOLATA	20	9	14	15	9	14	20	14	4	7	2	2	5	11	4	3	3
CRUCIFERAE	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
RUMEX	3	5	2	1	4	2	2	0	1	0	0	1	0	0	1	0	0
OXYRIA-T	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
C. TUBULIFLORAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
SENECIO-T	0	0	1	0	1	1	1	0	0	1	0	0	0	0	0	0	0
CENTAUREA NIGRA	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
CIRSIIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	5	0	4	0	0	1	1	3	2	1	0	1	0	1	0	0	0
TARAXACUM-T	0	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0
CEREAIA-T	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
PTERIDIUM	48	48	32	17	22	32	1	10	7	7	2	0	3	22	1	7	1
LYCOPODIUM	1400	372	425	188	129	138	218	244	245	255	278	295	393	154	114	233	195

NORTH GILL 1A

POLLEN COUNTS-CONTINUED

DEPTH	-595	-600	-605	-610	-615	-620	-625	-630	-635	-640	-645	-650	-655	-660	-665	-670	-675
BETULA	27	8	16	25	27	29	16	17	21	11	18	21	14	25	24	27	16
PINUS	1	3	2	3	2	3	1	6	1	5	1	3	4	3	5	2	3
ULMUS	16	44	28	32	24	22	31	30	27	27	43	21	23	29	26	24	20
QUERCUS	99	91	90	77	90	81	91	87	87	83	73	90	104	85	89	89	102
TILIA	5	4	13	5	3	4	7	8	12	22	13	8	4	4	4	5	4
FRAXINUS	2	0	1	8	4	11	4	2	2	2	1	1	1	4	2	3	5
FAGUS	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
ALNUS	113	71	73	104	148	168	76	75	118	160	82	106	75	69	66	87	87
CORYLUS/MYRICA	221	257	175	106	164	153	197	222	289	331	150	182	135	114	163	183	192
SALIX	1	0	1	0	0	0	0	1	3	0	0	3	1	0	1	5	2
PRUNUS-SORBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ILEX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	2	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALLUNA	49	25	12	16	9	14	35	15	15	15	12	16	11	13	23	41	7
EMPETRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRAMINEAE	133	291	174	60	112	128	159	287	356	247	158	404	509	177	141	94	143
CYPERACEAE	6	6	1	3	5	1	5	2	15	2	4	23	7	9	10	11	9
ROSACEAE	4	1	1	3	5	1	2	1	3	0	1	3	2	2	2	2	10
FILIPENDULA	0	0	0	1	0	0	0	1	0	0	1	1	0	0	2	1	1
POTENTILLA-T	0	2	1	0	0	0	0	0	0	0	1	0	1	0	1	5	4
SANGUISORBA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTERIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RANUNCULUS	1	1	2	0	0	0	1	1	0	1	0	1	1	1	0	1	1
CALTHA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
SUCCISA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DROSERA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CIRCAEA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENTIANELLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STACHYS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEGUMINOSAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ONOBRYCHIS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENISTA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCROPHULARIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MELAMPYRUM	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELLARIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURIALIST-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUMEX	2	1	0	0	0	0	0	2	0	0	2	2	1	0	1	1	0
OXYRIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C. TUBULIFLORAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CENTAUREA NIGRA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CIRSIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CEREALIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	2	0	0	0	0	0	0	0	1	2	0	6	0	1	3	2	2
LYCOPODIUM	132	152	173	274	206	264	189	261	187	507	745	419	373	975	1075	472	251

NORTH GILL 1A

POLLEN COUNTS--CONTINUED

DEPTH	-680	-685	-690	-695	-700	-705	-710	-715	-720	-725	-730	-735	-740	-745	-750	-755	-760
BETULA	12	24	24	15	22	15	9	11	39	45	47	55	41	67	24	13	26
PINUS	0	5	1	6	2	6	3	2	10	15	12	23	27	22	4	4	4
ULMUS	43	26	31	21	25	20	39	24	21	21	20	20	28	21	26	20	22
QUERCUS	90	87	82	99	94	103	90	106	68	62	59	48	51	39	87	109	91
TILIA	2	5	11	7	5	4	9	5	9	1	2	3	1	1	7	3	5
FRAXINUS	3	3	1	2	2	2	0	2	3	6	7	1	2	0	2	1	2
FAGUS	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
ALNUS	66	88	123	116	71	111	76	70	146	120	108	148	163	76	103	87	114
CORYLUS/MYRICA	134	87	165	216	159	150	288	131	313	289	218	242	294	443	164	160	162
SALIX	2	1	1	2	1	2	0	3	20	20	6	33	36	15	4	1	0
PRUNUS-SORBUS	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ILEX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	0	0	0	0	0	1	0	0	1	1	0	1	1	0	0	2	0
VIBURNUM	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
ERICA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALLUNA	18	6	7	17	10	21	19	25	31	338	336	31	43	21	18	17	13
EMPETRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRAMINEAE	194	72	108	63	59	30	83	73	105	167	139	85	104	116	123	137	131
CYPERACEAE	6	4	8	2	2	6	6	3	12	43	43	17	7	10	3	7	7
ROSACEAE	4	6	4	2	1	0	3	3	1	10	6	9	9	11	1	2	4
FILIPENDULA	0	0	0	5	1	0	0	2	6	3	2	3	2	3	1	0	0
POTENTILLA-T	2	1	2	6	7	2	1	0	4	3	1	0	2	1	2	2	2
SANGUISORBA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTERIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RANUNCULUS	2	0	0	1	2	0	1	1	3	1	1	1	0	1	0	0	0
CALTHA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	0	0	0	0	0	0	0	2	0	0	1	2	1	0	0	0
UMBELLIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DROSERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
CIRCAEA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENTIANELLA	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
STACHYS-T	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
LEGUMINOSAE	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
ONOBRYCHIS-T	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
GENISTA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCROPHULARIACEAE	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
MELAMPYRUM	1	0	0	0	1	0	0	0	13	3	8	10	15	15	0	0	1
CHENOPODIACEAE	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
STELLARIA-T	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
MERCURIALIST-T	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	1	2	0	0	1	0	0	0
P. LANCEOLATA	0	0	0	0	0	0	0	0	3	15	13	1	1	0	0	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
RUMEX	1	2	0	0	0	0	0	0	7	3	5	3	4	6	0	1	11
OXYRIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
C. TUBULIFLORAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	1	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	0
CENTAUREA NIGRA	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
CIRSIIUM-T	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	0	0	0	0	0	1	2	1	1	0	0	0	0	0
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CEREALIA-T	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0
PTERIDIUM	2	2	1	0	0	1	4	5	9	30	38	15	10	6	1	1	3
LYCOPODIUM	463	218	396	582	328	428	425	239	114	342	319	157	107	139	554	601	261

NORTH GILL 1A

POLLEN COUNTS-CONTINUED

DEPTH	-765	-770	-775	-780	-785	-790	-795	-800	-805	-810	-815	-820	-825	-830	-835	-840	-845
BETULA	25	16	21	24	17	28	41	36	27	23	28	19	20	18	19	20	21
PINUS	7	9	7	4	4	8	11	13	2	5	5	6	4	0	6	2	8
ULMUS	21	23	27	21	25	36	22	29	28	32	23	36	30	34	33	32	31
QUERCUS	88	95	88	90	95	75	68	67	83	82	84	82	88	90	83	93	81
TILIA	6	6	4	8	5	3	4	5	10	8	8	7	6	8	8	3	7
FRAXINUS	3	2	3	3	4	0	4	0	0	0	2	0	2	0	1	0	0
FAGUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALNUS	119	89	133	92	113	294	296	346	296	381	307	347	265	361	274	342	330
CORYLUS/MYRICA	168	115	161	123	165	207	172	210	189	243	192	242	232	275	235	264	236
SALIX	4	0	3	1	1	8	22	15	9	2	12	2	23	1	4	0	19
PRUNUS-SORBUS	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
ILEX	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	0	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	2
VIBURNUM	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0
ERICA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALLUNA	21	14	15	19	23	14	11	21	17	18	15	11	25	36	28	36	23
EMPETRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRAMINEAE	204	125	181	122	96	156	130	139	82	94	42	55	57	79	32	48	74
CYPERACEAE	11	2	11	14	5	9	5	7	5	2	2	2	6	3	2	5	3
ROSACEAE	3	2	4	3	1	2	8	5	2	2	2	1	6	4	5	0	5
FILIPENDULA	0	1	0	1	0	0	0	1	1	1	1	0	2	1	1	1	1
POTENTILLA-T	3	3	5	1	2	1	1	2	1	0	2	0	0	0	1	1	2
SANGUISORBA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTERIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RANUNCULUS	0	1	1	1	0	0	1	2	1	2	2	0	0	0	0	0	0
CALTHA-T	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	2	0	0	0	1	0	0	0	2	0	0	0	0	1	1	3
UMBELLIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DROSERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
CIRCAEA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2
VALERIANA	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
GENTIANELLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STACHYS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEGUMINOSAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ONOBRYCHIS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENISTA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCROPHULARIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MELAMPYRUM	0	0	0	1	1	4	4	5	5	12	6	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELLARIA-T	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURIALIST-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
RUMEX	5	4	3	3	5	7	10	9	4	4	6	0	1	0	0	0	0
OXYRIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C. TUBULIFLORAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CENTAUREA NIGRA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CIRSIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	0	0	0	1	1	0	1	0	0	0	0	1	0	0
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CEREALIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	3	2	3	0	2	3	3	8	4	5	2	0	0	0	1	0	0
LYCOPODIUM	693	468	466	204	324	341	136	383	239	275	145	183	191	187	242	183	301

NORTH GILL 1A

POLLEN COUNTS--CONTINUED

DEPTH	-850	-855	-860	-865	-870	-875	-880	-890	-900
BETULA	22	18	16	26	20	20	19	18	10
PINUS	2	3	2	10	10	8	8	5	9
ULMUS	32	39	36	36	31	30	37	35	32
QUERCUS	84	83	87	76	86	85	81	84	92
TILIA	10	7	9	1	3	7	5	8	7
FRAXINUS	0	0	0	1	0	0	0	0	0
FAGUS	0	0	0	0	0	0	0	0	0
ALNUS	442	423	402	348	390	494	338	236	250
CORYLUS/MYRICA	298	234	312	187	244	295	234	231	248
SALIX	25	24	9	43	42	30	59	48	15
PRUNUS-SORBUS	0	0	0	0	2	1	3	0	0
CRATAEGUS-T	0	0	0	1	0	1	0	0	0
LONICERA	0	0	0	0	0	0	1	0	0
ILEX	0	0	0	0	0	0	0	0	0
HEDERA	1	2	0	0	0	0	0	0	2
VIBURNUM	0	1	0	0	1	0	0	0	0
ERICA-T	0	0	0	0	0	0	0	0	0
CALLUNA	34	39	42	26	24	31	39	22	28
EMPETRUM	0	0	0	0	0	0	0	0	0
GRAMINEAE	70	53	40	71	97	61	90	93	58
CYPERACEAE	6	2	6	6	4	4	4	5	5
ROSACEAE	7	2	3	1	8	6	6	5	5
FILIPENDULA	4	4	0	0	2	4	1	1	2
POTENTILLA-T	0	2	0	1	1	0	3	0	1
SANGUISORBA	0	0	0	0	0	1	0	0	0
POTERIUM	0	0	0	0	0	0	0	0	0
RANUNCULUS	0	2	0	1	2	1	2	1	0
CALTHA-T	0	0	0	0	0	0	1	0	0
THALICTRUM	0	0	0	0	0	0	0	0	0
SUCCISA	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	0	0	0	0
DROSERA	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	1
CIRCAEA	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0
GENTIANELLA	0	0	0	0	0	0	0	0	0
STACHYS-T	0	0	0	0	0	0	0	0	0
LEGUMINOSAE	0	0	0	0	0	0	0	0	0
ONOBRYCHIS-T	0	0	0	0	0	0	0	0	0
GENISTA-T	0	0	0	0	0	0	0	0	0
SCROPHULARIACEAE	0	0	0	0	0	0	0	0	0
MELAMPYRUM	0	1	0	0	2	0	6	1	0
CHENOPODIACEAE	0	1	0	0	0	0	1	0	0
SILENE-T	0	1	0	0	0	0	0	0	0
STELLARIA-T	0	0	0	0	0	0	0	0	0
MERCURIALIST-T	0	0	0	0	0	1	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	0	0	0	0	0	0	0	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0
RUMEX	0	0	1	3	1	0	1	0	0
OXYRIA-T	1	0	0	0	0	0	0	0	0
C. TUBULIFLORAE	0	0	0	0	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	0	0
CENTAUREA NIGRA	0	0	0	0	0	0	0	0	0
CIRSIUM-T	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	0	0	0	0	0	0
TARAXACUM-T	0	0	0	0	0	0	0	0	0
CEREALIA-T	0	0	0	0	0	0	0	0	0
PTERIDIUM	0	0	0	2	4	5	4	1	0
LYCOPODIUM	332	154	348	256	172	156	136	243	274

NORTH GILL 1A (D2) POLLEN COUNTS

DEPTH	-764	-765	-766	-767	-768	-769	-770	-771	-772	-773	-774	-775	-776	-777	-778	-779	-780
BETULA	23	25	26	25	24	27	24	19	20	15	12	27	31	21	16	23	15
PINUS	5	4	6	3	5	6	3	4	4	4	3	7	4	7	6	5	3
ULMUS	37	32	24	24	27	28	27	32	32	26	24	31	30	27	26	28	23
QUERCUS	79	83	86	94	88	80	86	91	86	101	102	80	81	87	96	87	98
TILIA	4	4	7	4	4	9	5	1	6	3	9	5	4	5	2	5	9
FRAXINUS	2	2	1	0	2	0	5	3	2	1	0	0	0	3	4	2	2
ALNUS	85	147	145	183	117	121	137	120	123	165	140	146	129	123	164	96	147
CORYLUS/MYRICA	170	186	189	179	153	152	163	182	159	124	168	157	229	230	102	197	135
SALIX	3	15	7	7	4	3	6	8	7	9	4	11	8	10	2	11	1
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRUNUS	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0
SORBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
RHAMNUS	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
FRANGULA	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
HEDERA	1	0	1	3	0	1	0	1	1	0	0	0	0	0	0	1	0
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALLUNA	22	18	25	35	24	19	16	7	25	12	14	14	20	16	22	14	19
ERICA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRAMINEAE	161	108	144	159	136	130	103	96	152	91	96	108	136	160	124	107	152
CYPERACEAE	1	10	8	11	3	6	2	10	3	8	2	4	2	4	4	5	3
ROSACEAE	2	5	4	4	4	2	4	1	4	7	1	2	4	3	4	2	3
FILIPENDULA	0	2	1	1	2	1	1	2	2	0	0	0	2	2	2	0	0
POTENTILLA-T	2	1	4	2	2	0	2	7	0	0	1	1	3	2	2	1	2
RANUNCULUS	1	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENTHA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURIALIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANNABACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	1	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0
CHENOPODIACEAE	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
CIRSIUM-T	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
COMPOSITAE TUB.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUMEX	1	2	4	3	3	5	1	5	6	2	0	5	9	4	7	8	3
OKYRIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MELAMPYRUM	3	0	2	4	1	3	1	3	1	1	0	1	0	1	0	3	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLANTAGO MAJOR-M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLANTAGO LANCEOL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
MENYANTHES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HYDROCOTYLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTAMOGETON	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
PTERIDIUM	6	2	6	5	2	3	5	3	1	3	3	2	1	4	0	3	0
POLYPODIUM	1	5	4	2	3	2	2	2	1	1	0	2	0	1	3	2	4
EQUISETUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FILICALES	8	15	10	15	18	14	9	11	18	9	6	8	10	15	7	7	12
SPHAGNUM	6	9	8	12	6	11	8	22	4	26	24	4	10	5	9	3	21
LYCOPODIUM	47	182	44	100	123	72	120	122	100	277	188	113	45	34	252	230	486

NORTH GILL 1A (D2) POLLEN COUNTS-CONTINUED

DEPTH	-781	-782	-783	-784	-785	-786	-787	-788	-789	-790	-791	-792	-793	-794	-795	-796	-797
BETULA	19	16	20	20	24	32	26	35	36	46	32	37	45	38	37	37	30
PINUS	1	8	5	11	9	8	3	6	11	10	11	4	9	7	10	11	13
ULMUS	25	30	26	26	24	28	37	36	28	28	30	34	25	30	29	26	29
QUERCUS	98	84	92	88	86	73	75	66	66	60	62	68	68	64	63	62	68
TILIA	6	10	7	5	7	8	9	5	8	3	3	6	2	8	11	12	7
FRAXINUS	1	2	0	0	0	1	1	2	1	3	2	1	1	3	0	2	3
ALNUS	104	165	180	174	171	136	120	168	156	208	334	347	287	304	292	354	419
CORYLUS/MYRICA	102	98	142	134	147	193	149	193	165	131	132	181	147	167	142	153	202
SALIX	2	2	3	16	12	16	11	6	13	15	15	10	8	12	21	11	13
VIBURNUM	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0
PRUNUS	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
SORBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0
RHAMNUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRANGULA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	0	0	0	0	0	1	0	0	1	0	0	0	0	1	1	0	3
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALLUNA	17	9	11	19	26	28	21	22	17	14	12	10	10	22	8	17	18
ERICA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRAMINEAE	136	100	112	100	148	120	107	163	83	87	62	67	63	88	69	91	87
CYPERACEAE	4	3	7	6	4	5	4	13	6	3	2	1	4	7	4	9	8
ROSACEAE	0	1	2	3	1	2	2	2	1	0	2	4	2	0	4	5	4
FILIPENDULA	2	0	0	0	0	0	1	1	0	1	1	1	0	0	0	1	0
POTENTILLA-T	5	1	4	1	2	3	4	4	5	2	1	4	2	1	1	1	4
RANUNCULUS	0	0	0	2	1	3	0	0	1	0	0	1	0	2	2	1	1
THALICTRUM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1
MENTHA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURIALIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANNABACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	1	1	0	0	1	0	0	1	0	0	0	1	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
CIRSIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMPOSITAE TUB.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
RUMEX	3	1	2	4	2	9	3	4	3	4	5	4	6	4	8	3	9
OXYRIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MELAMPYRUM	0	0	0	5	3	3	1	7	2	4	4	3	5	7	4	4	7
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLANTAGO MAJOR-M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLANTAGO LANCEOL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENYANTHES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HYDROCOTYLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTAMOGETON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
PTERIDIUM	0	5	4	3	3	7	12	7	11	4	8	1	2	1	1	0	1
POLYPODIUM	3	3	1	1	2	6	2	2	2	5	6	4	5	0	1	1	2
EQUISETUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FILICALES	7	8	11	9	12	17	13	17	22	15	4	12	6	15	9	8	17
SPHAGNUM	9	9	5	1	4	3	0	7	4	1	5	7	2	11	8	9	8
LYCOPODIUM	602	464	562	257	240	127	101	69	73	60	90	35	48	67	52	73	64

NORTH GILL 1A (D2) POLLEN COUNTS-CONTINUED

DEPTH	-798	-799	-800	-801	-802	-803	-804	-805	-806	-807	-808	-809	-810	-811	-812	-813	-814
BETULA	36	40	33	31	30	30	28	30	25	27	26	32	33	40	37	30	26
PINUS	19	11	4	8	4	3	9	7	5	6	3	9	3	8	6	10	7
ULMUS	26	29	24	26	23	29	23	23	29	32	26	26	35	29	25	33	26
QUERCUS	62	63	82	81	85	80	78	82	82	81	87	78	74	69	73	75	85
TILIA	4	5	6	4	5	6	12	7	8	2	7	4	5	2	7	1	4
FRAXINUS	3	2	2	0	3	2	0	1	1	2	1	1	0	2	2	1	2
ALNUS	315	306	330	400	312	346	401	335	279	332	337	338	371	406	337	345	320
CORYLUS/MYRICA	168	168	163	229	172	175	218	174	195	190	230	215	185	249	198	223	176
SALIX	10	11	12	13	4	10	11	15	25	32	35	30	24	55	41	58	29
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
PRUNUS	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
SORBUS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
CRATAEGUS-T	3	1	1	0	0	0	1	2	0	1	0	0	1	1	0	0	0
RHAMNUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRANGULA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	0	0	0	1	0	1	0	0	1	0	0	0	0	2	2	1	1
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
CALLUNA	14	14	16	14	12	13	22	18	6	19	10	13	18	22	27	21	17
ERICA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRAMINEAE	103	116	80	109	60	72	82	64	65	88	66	76	95	113	97	92	77
CYPERACEAE	6	5	5	2	3	4	6	9	9	9	3	6	4	4	7	9	11
ROSACEAE	1	7	3	2	1	6	3	9	5	5	8	6	4	2	1	8	5
FILIPENDULA	2	2	0	7	0	0	1	0	1	1	2	2	1	5	1	0	0
POTENTILLA-T	3	2	5	0	0	0	1	0	5	1	0	1	1	5	1	2	4
RANUNCULUS	0	1	0	1	0	0	0	0	0	2	0	2	0	1	1	1	0
THALICTRUM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
UMBELLIFERAE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
MENTHA-T	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
MERCURIALIS	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
URTICA	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
CANNABACEAE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	1	0	0	1	0	0	2	0	0	0	0	1	1	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
CIRSIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMPOSITAE TUB.	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	1	0	1	0	0	0	0	0	0	0	1	0	0	1	1	0
RUMEX	9	6	5	4	0	2	0	3	8	4	1	5	3	15	12	9	13
OXYRIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MELAMPYRUM	3	7	3	8	3	2	0	6	4	11	15	16	16	12	13	10	1
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
PLANTAGO MAJOR-M	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
PLANTAGO LANCEOL	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENYANTHES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HYDROCOTYLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTAMOGETON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	0	1	1	0	1	6	2	2	2	4	1	6	4	1	6	4	1
POLYPODIUM	2	4	6	2	3	2	1	4	3	5	3	1	3	4	2	3	1
EQUISETUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FILICALES	7	17	14	14	17	12	15	10	14	22	10	15	12	13	12	15	18
SPHAGNUM	12	5	4	3	4	7	6	7	7	14	8	8	7	6	2	5	5
LYCOPODIUM	80	129	31	43	48	65	50	50	82	59	73	27	60	80	66	72	199

NORTH GILL 1A (D2) POLLEN COUNTS-CONTINUED

DEPTH	-815	-816	-817	-818	-819	-820	-821	-822	-823	-824	-825	-826	-827	-828	-829	-830	-831
BETULA	30	24	25	27	26	29	21	32	35	27	32	35	28	24	18	28	21
PINUS	7	8	3	8	11	6	4	3	6	7	9	10	3	7	7	2	8
ULMUS	28	26	32	23	28	30	29	30	32	37	28	27	25	26	30	29	26
QUERCUS	84	85	80	86	83	83	91	76	70	72	75	74	85	87	91	87	88
TILIA	1	7	10	4	2	2	5	8	4	6	6	4	9	6	3	3	6
FRAXINUS	0	0	0	2	0	0	0	1	3	1	0	0	0	0	0	1	1
ALNUS	289	309	355	327	318	271	397	343	359	369	337	333	375	298	289	306	383
CORYLUS/MYRICA	183	205	228	203	213	169	224	184	195	229	210	215	234	162	155	176	218
SALIX	24	34	36	37	24	42	47	45	44	41	45	39	49	7	14	6	8
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRUNUS	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
SORBUS	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0
RHAMNUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRANGULA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	0	0	0	0	0	0	1	2	0	1	1	0	1	1	0	0	2
LONICERA	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
CALLUNA	7	29	22	20	25	21	35	17	15	26	20	16	25	9	14	18	18
ERICA-T	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
GRAMINEAE	100	60	98	76	80	88	110	86	105	70	65	88	97	91	90	142	132
CYPERACEAE	8	4	6	4	4	3	3	2	0	2	1	2	3	2	6	12	4
ROSACEAE	7	8	7	2	3	2	8	4	12	6	3	5	4	4	2	4	2
FILIPENDULA	0	2	1	1	0	0	0	1	3	4	2	2	1	2	1	1	0
POTENTILLA-T	1	3	1	2	1	2	1	1	0	1	1	0	1	0	3	0	2
RANUNCULUS	1	2	1	1	0	0	0	0	0	0	0	0	1	0	0	2	1
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
GALIUM-T	1	3	2	1	0	0	0	0	0	3	1	0	1	0	0	1	1
MENTHA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURIALIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANNABACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
CIRSIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMPOSITAE TUB.	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
TARAXACUM-T	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	1	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0
RUMEX	9	5	6	6	1	9	3	3	8	2	7	5	4	4	10	9	7
OXYRIA-T	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
MELAMPYRUM	1	0	1	0	1	2	0	6	5	1	1	3	0	2	0	1	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLANTAGO MAJOR-M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
PLANTAGO LANCEOL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
MENYANTHES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HYDROCOTYLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
POTAMOGETON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
PTERIDIUM	1	1	2	2	1	0	4	3	4	0	0	1	2	5	2	0	5
POLYPODIUM	5	4	5	7	6	1	1	4	8	3	3	4	2	1	4	3	4
EQUISETUM	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
FILICALES	15	13	23	13	17	10	27	17	19	9	16	16	16	11	12	14	7
SPHAGNUM	5	4	4	1	3	3	8	6	1	1	6	2	5	5	5	6	5
LYCOPODIUM	218	179	100	100	62	90	66	47	82	22	38	102	89	28	121	102	102

NORTH GILL 1A (D2) POLLEN COUNTS-CONTINUED

DEPTH	-832	-833	-834	-835	-836	-837	-838	-839	-840	-841	-842	-843
BETULA	25	18	22	20	25	18	28	33	28	27	28	30
PINUS	4	6	6	8	6	5	5	4	8	7	3	4
ULMUS	25	26	31	27	27	27	27	23	25	25	24	29
QUERCUS	89	100	87	93	87	93	83	82	84	79	88	85
TILIA	6	0	4	1	5	8	5	8	4	10	6	2
FRAXINUS	1	0	0	1	0	0	2	0	1	2	1	0
ALNUS	297	324	324	309	327	323	266	342	312	305	339	351
CORYLUS/MYRICA	170	195	170	146	176	208	158	202	211	172	178	213
SALIX	10	7	14	7	20	13	37	33	39	30	41	52
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	0
PRUNUS	0	0	0	0	0	0	0	0	0	1	0	0
SORBUS	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	1	0	0	1	0	0	0	0	0	0	0
RHAMNUS	0	0	0	0	0	0	0	0	0	0	0	0
FRANGULA	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	1	1	0	1	2	0	2	1	0	2	0	0
LONICERA	0	0	1	0	0	0	0	1	2	0	0	0
CALLUNA	14	19	18	14	16	20	19	17	16	22	22	30
ERICA-T	0	0	0	0	0	0	0	0	0	0	0	0
GRAMINEAE	120	132	108	87	85	78	72	101	85	97	77	79
CYPERACEAE	5	10	6	9	2	4	7	8	6	4	6	9
ROSACEAE	7	7	5	4	0	3	4	6	8	1	3	4
FILIPENDULA	2	1	2	2	0	1	4	1	2	0	1	2
POTENTILLA-T	0	2	1	1	1	0	0	0	0	0	0	1
RANUNCULUS	0	1	1	0	0	2	2	0	0	1	1	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	1	0	0	1	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	1	1	0	0	2	0	0
MENTHA-T	0	0	0	0	0	0	0	0	0	0	0	0
MERCURIALIS	0	0	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	0	0	0	0
CANNABACEAE	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	1	1	1	0	0	0	0	1	1	0	0
CHENOPODIACEAE	0	0	0	1	0	0	0	0	0	0	0	0
CIRSIUM-T	0	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	0	0	0	0	0
COMPOSITAE TUB.	0	0	0	0	0	0	0	0	0	0	0	0
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	0	0	0	0	0	0	0	0	1
RUMEX	3	7	2	5	3	2	4	8	3	3	1	6
OXYRIA-T	0	0	0	0	0	0	0	0	0	0	0	0
MELAMPYRUM	0	0	3	1	0	0	2	0	1	1	1	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0
PLANTAGO MAJOR-M	0	0	0	0	0	0	0	0	0	0	0	0
PLANTAGO LANCEOL	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0
MENYANTHES	0	0	0	0	0	0	0	0	0	0	0	0
HYDROCOTYLE	0	0	0	0	0	0	0	0	0	0	0	0
POTAMOGETON	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	0	3	1	2	1	0	4	0	1	0	1	2
POLYPODIUM	0	5	2	1	5	6	3	1	2	5	1	8
EQUISETUM	0	0	0	0	1	0	0	0	0	0	0	0
FILICALES	10	7	14	17	18	16	11	15	19	18	17	26
SPHAGNUM	2	7	3	4	6	4	3	6	6	4	7	5
LYCOPODIUM	62	43	147	82	112	116	88	96	84	123	93	126

NG1A 0.25CM

POLLEN COUNTS

DEPTH	-71	.25	.50	.75	-72	.25	.50	.75	-73	.25	.50	.75	-74	.25	.50	.75	-75
BETULA	14	21	18	13	18	53	45	49	52	41	44	59	45	39	56	17	16
PINUS	3	6	4	5	4	11	12	18	20	22	25	21	28	33	24	4	6
ULMUS	31	32	20	25	23	28	27	22	24	28	26	34	29	36	25	24	20
QUERCUS	92	85	96	97	93	55	56	50	48	58	50	35	46	38	42	102	100
TILIA	9	5	3	8	12	3	3	3	1	1	1	1	2	4	2	3	7
FRAXINUS	1	1	9	2	0	0	5	4	2	0	3	0	0	0	1	0	1
FAGUS	0	0	0	0	0	0	2	4	1	0	0	0	0	0	0	0	0
ALNUS	114	85	83	74	57	116	138	168	192	181	120	121	129	132	84	76	73
CORYLUS/MYRICA	152	186	142	149	113	290	319	346	328	367	357	365	347	444	324	109	182
SALIX	2	2	1	1	2	5	4	8	7	12	7	11	4	15	14	3	1
PRUNUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
CRATAEGUS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
HEDERA	0	2	0	0	1	0	3	1	0	1	1	0	0	0	0	0	0
LONICERA	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0
CALLUNA	14	22	11	9	13	32	432	501	360	33	25	31	25	20	26	6	20
GRAMINEAE	90	85	57	59	64	82	102	87	104	68	64	64	67	79	106	104	135
CYPERACEAE	7	2	3	5	3	6	14	51	24	8	4	2	7	3	10	1	5
ROSACEAE	3	3	3	2	3	8	6	4	5	12	4	6	2	4	4	1	1
FILIPENDULA	0	0	0	0	0	5	0	0	1	1	1	2	0	3	0	1	0
POTENTILLA-T	2	0	1	1	1	4	0	2	0	0	2	1	1	4	2	2	1
SANGUISORBA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
RANUNCULUS	0	0	0	1	0	1	3	1	1	1	0	2	2	0	0	0	1
UMBELLIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
ONOBRYCHIS-T	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
MENTHA-T	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
POLYGONUM CONV.	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
MERCURIALIS	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
CEREAL-T	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	0	0	0	0	0	0	9	18	19	1	0	0	0	2	0	0	0
ARTEMISIA	0	0	0	0	1	0	0	6	1	0	0	0	0	0	0	0	0
RUMEX	0	2	1	1	1	0	0	8	2	5	2	4	1	0	3	1	2
MELAMPYRUM	0	2	0	0	0	3	3	19	14	5	8	7	3	12	13	0	0
SILENE-T	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
MATRICARIA-T	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
CENTAUREA CYANUS	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
TARAXACUM-T	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0
MYRIOPHYLLUM ALT	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	1	1	1	1	2	5	21	16	28	7	1	4	2	2	7	0	0
EQUISETUM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
POLYPODIUM	3	3	3	3	3	0	5	3	5	5	4	0	4	2	1	2	3
FILICALES	4	13	2	5	4	29	9	10	10	27	16	39	21	24	33	4	5
SPHAGNUM	26	30	32	38	22	20	22	46	44	19	21	29	27	22	28	347	200
LYCOPODIUM	162	380	155	333	306	355	477	465	584	133	100	164	143	113	239	447	238

NORTH GILL 1A (D3) POLLEN COUNTS

DEPTH	-695	-696	-697	-698	-699	-700	-701	-702	-703	-704	-705	-706	-707	-708	-709	-710	-711
BETULA	19	27	21	23	24	14	20	23	34	22	21	21	16	21	25	12	12
PINUS	3	4	4	1	7	3	8	5	3	2	3	4	3	2	2	2	1
ULMUS	30	22	35	29	31	26	23	31	29	28	32	20	27	28	28	34	42
QUERCUS	87	86	83	87	84	97	96	83	80	87	87	94	96	87	90	93	83
TILIA	5	6	4	8	2	8	3	6	2	9	5	11	6	11	3	8	12
FRAXINUS	6	5	3	2	2	2	0	2	2	2	2	0	2	1	2	1	0
FAGUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALNUS	87	85	148	111	125	137	129	120	152	168	112	100	130	106	95	107	78
CORYLUS/MYRICA	91	142	221	215	204	204	198	290	314	305	207	243	190	169	185	141	86
SALIX	4	2	0	0	2	2	1	0	2	3	3	1	1	1	2	1	1
PRUNUS-SORBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
HEDERA	0	1	0	1	1	0	1	0	0	1	0	0	0	0	0	0	0
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALLUNA	7	4	20	9	11	22	23	26	26	29	19	27	23	18	19	9	16
GRAMINEAE	82	118	130	142	160	168	192	177	240	126	94	76	84	68	67	85	56
CYPERACEAE	3	6	3	1	3	4	4	6	7	2	2	3	5	2	4	1	2
ROSACEAE	4	4	2	5	4	1	6	2	9	9	4	5	6	3	4	3	4
FILIPENDULA	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
POTENTILLA-T	4	5	3	0	1	3	3	3	6	5	2	1	5	2	1	4	1
SANGUISORBA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RANUNCULUS	0	2	1	0	1	0	2	1	0	1	0	1	0	0	0	0	0
CALTHA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENTHA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STACHYS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
CANNABACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURIALIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEGUMINOSAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VICIA SYLVATICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VICIA CRACCA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANAGALLIS ARV.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCROPHULARIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MELAMPYRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUMEX	2	2	1	0	1	0	0	1	0	0	0	1	0	0	0	0	0
OXYRIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILOBIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. AVICULARE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JASIONE	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELLARIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
MATRICARIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CIRSIUM-T	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CEREALIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	1	3	0	0	3	2	1	0	1	2	0	1	1	2	2	1	2
POLYPODIUM	2	1	1	1	3	5	4	9	5	3	3	3	4	4	2	1	2
EQUISETUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FILICALES	1	3	4	11	4	8	4	20	5	6	3	7	3	7	6	2	6
SPHAGNUM	104	138	8	20	26	29	23	250	16	5	9	12	21	9	14	19	12
LYCOPODIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LYCOPODIUM	97	58	226	152	331	182	213	184	168	103	78	102	134	130	129	166	131

NORTH GILL 1A (D3) POLLEN COUNTS-CONTINUED

DEPTH	-712	-713	-714	-715	-716	-717	-718	-719	-720	-721	-722	-723	-724	-725	-726	-727	-728
BETULA	18	26	25	24	25	23	25	24	34	32	53	52	61	54	50	47	50
PINUS	6	3	2	1	5	0	5	15	6	7	16	12	8	14	29	21	21
ULMUS	32	37	20	29	29	23	30	24	29	22	21	24	21	24	33	26	34
QUERCUS	85	77	87	84	81	95	83	78	74	84	54	58	49	52	34	54	41
TILIA	8	5	11	12	6	6	5	6	5	5	2	2	9	4	2	1	3
FRAXINUS	1	2	4	0	4	3	2	2	1	0	4	2	1	2	2	1	1
FAGUS	0	0	1	0	0	0	0	1	1	0	0	0	1	0	0	0	0
ALNUS	95	146	87	214	126	193	117	198	173	105	145	113	137	125	189	163	125
CORYLUS/MYRICA	137	314	173	270	237	259	231	244	300	299	259	283	370	317	486	424	393
SALIX	1	0	1	0	6	1	5	2	5	6	10	1	0	11	20	16	15
PRUNUS-SORBUS	0	0	0	0	1	0	1	1	0	0	2	0	0	0	1	0	0
CRATAEGUS-T	0	0	0	0	1	0	0	0	0	0	3	0	0	1	1	0	0
HEDERA	0	0	3	2	0	0	0	1	0	1	2	0	0	1	1	1	2
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
ERICA-T	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
CALLUNA	21	55	27	11	77	70	94	202	71	154	190	509	515	262	75	42	32
GRAMINEAE	81	57	48	32	58	30	79	71	55	60	70	86	87	71	123	98	83
CYPERACEAE	8	3	5	2	11	5	2	7	6	5	8	9	10	17	25	12	10
ROSACEAE	3	4	2	2	4	5	4	5	8	3	9	5	10	5	11	13	10
FILIPENDULA	0	0	0	1	1	1	4	1	1	1	2	1	2	2	2	1	8
POTENTILLA-T	0	0	3	0	1	1	0	0	1	2	2	0	0	0	4	4	4
SANGUISORBA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RANUNCULUS	0	0	0	0	4	1	2	1	0	1	3	1	3	3	0	4	2
CALTHA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1	1	1
URTICA	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0
GALIUM-T	0	0	0	0	1	0	0	0	0	0	1	1	0	0	1	0	0
MENTHA-T	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
STACHYS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
UMBELLIFERAE	0	0	1	0	1	0	0	1	0	0	1	1	0	0	0	0	1
CANNABACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURIALIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEGUMINOSAE	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
VICIA SYLVATICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VICIA CRACCA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANAGALLIS ARV.	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
SCROPHULARIACEAE	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
MELAMPYRUM	1	0	0	0	4	1	2	1	2	3	4	4	10	2	23	28	19
RUMEX	1	1	2	0	2	0	4	4	0	0	3	2	3	5	2	2	2
OXYRIA-T	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
EPILOBIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. AVICULARE	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
JASIONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1
STELLARIA	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
SENECIO-T	0	0	0	0	1	0	1	0	0	1	0	0	3	1	0	1	0
MATRICARIA-T	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
CIRSIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
ARTEMISIA	1	0	2	0	0	0	2	1	0	2	0	2	3	0	1	0	0
TARAXACUM-T	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0
P. LANCEOLATA	0	0	0	0	5	1	4	2	4	4	9	17	9	9	1	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0	1	3	0	1	2	1	0
CEREALIA-T	0	0	0	0	0	0	2	1	0	0	0	3	0	3	0	0	0
PTERIDIUM	2	0	0	0	3	1	5	5	2	7	7	10	5	12	17	6	3
POLYPODIUM	5	2	2	5	1	0	6	3	3	3	2	3	1	3	3	0	1
EQUISETUM	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
FILICALES	4	4	4	0	5	1	10	16	7	15	15	17	5	14	20	2	14
SPHAGNUM	10	0	30	2	22	2	2	46	5	18	8	16	12	12	34	2	12
LYCOPODIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LYCOPODIUM	228	238	210	161	104	110	60	83	65	132	114	358	246	177	86	64	43

NORTH GILL 1A (D3) POLLEN COUNTS-CONTINUED

DEPTH	-729	-730	-731	-732	-733	-734	-735	-736	-737	-738	-739	-740	-741	-742	-743	-744	-745
BETULA	48	38	43	38	44	57	49	46	50	51	51	48	49	53	61	42	44
PINUS	26	22	23	33	19	20	19	21	20	17	21	24	20	12	12	12	16
ULMUS	28	31	29	29	27	28	26	37	23	28	30	24	26	30	25	39	38
QUERCUS	44	53	51	46	55	45	53	46	52	52	45	49	51	53	47	53	46
TILIA	3	5	1	3	0	0	2	3	5	1	3	4	3	2	5	3	6
FRAXINUS	1	1	3	1	5	0	1	2	0	1	0	1	1	0	0	0	0
FAGUS	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
ALNUS	136	145	103	166	216	125	158	169	168	118	101	206	132	128	122	100	91
CORYLUS/MYRICA	452	458	385	433	408	392	371	334	417	310	338	363	382	411	329	308	409
SALIX	32	29	19	18	23	23	14	32	22	20	25	12	14	2	22	6	11
PRUNUS-SORBUS	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1
CRATAEGUS-T	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0
HEDERA	0	1	0	0	0	1	1	1	1	0	2	1	0	0	1	0	1
LONICERA	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
VIBURNUM	1	0	1	0	1	1	0	0	0	2	0	0	0	0	0	0	0
ERICA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALLUNA	29	28	21	29	32	34	35	33	30	35	25	35	40	41	33	22	30
GRAMINEAE	60	62	63	48	92	70	86	69	99	83	89	58	72	46	88	69	72
CYPERACEAE	13	20	18	5	9	8	7	17	10	15	20	14	8	3	5	8	14
ROSACEAE	11	9	13	12	16	18	8	6	13	5	10	10	9	12	8	6	9
FILIPENDULA	2	1	0	2	0	2	2	2	2	4	1	0	1	0	1	0	1
POTENTILLA-T	4	2	4	2	1	3	2	2	1	2	3	0	1	1	0	3	2
SANGUISORBA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
RANUNCULUS	3	2	3	0	5	0	1	3	4	0	1	1	1	1	1	3	2
CALTHA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THALICTRUM	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0
SUCCISA	0	0	1	1	1	1	0	1	0	0	0	0	0	1	1	1	1
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
GALIUM-T	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENTHA-T	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
STACHYS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
CANNABACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURIALIS	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
LEGUMINOSAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VICIA SYLVATICA	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
VICIA CRACCA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANAGALLIS ARV.	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
SCROPHULARIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MELAMPYRUM	33	38	28	24	21	17	9	19	21	12	14	3	1	0	7	4	30
RUMEX	1	4	3	2	3	2	0	2	2	2	1	0	1	0	0	1	3
OXYRIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILOBIUM	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
P. AVICULARE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JASIONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
SILENE-T	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
STELLARIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MATRICARIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CIRSIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
P. LANCEOLATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
CEREALIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	6	3	3	6	8	2	5	4	4	3	6	2	2	4	1	2	17
POLYPODIUM	2	2	1	2	1	1	2	4	5	3	1	0	2	0	4	4	3
EQUISETUM	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0
FILICALES	34	47	35	22	20	17	19	29	31	16	27	11	9	16	20	15	2
SPHAGNUM	39	29	26	23	19	30	32	20	18	25	52	12	6	10	18	17	3
LYCOPODIUM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LYCOPODIUM	14	30	16	49	47	96	153	52	125	70	60	136	159	760	85	203	65

NORTH GILL 1A (D3) POLLEN COUNTS-CONTINUED

DEPTH	-746	-747	-748	-749	-750	-751	-752	-753	-754	-755	-756	-757	-758	-759	-760	-761	-762	-763
BETULA	49	31	19	19	18	21	18	19	22	14	11	18	23	15	15	18	26	22
PINUS	19	6	5	3	8	6	4	7	9	1	1	2	3	4	6	6	4	5
ULMUS	32	24	28	29	28	25	22	23	26	30	26	24	28	39	33	35	32	35
QUERCUS	48	80	96	94	92	89	88	88	82	98	104	100	87	80	90	86	83	80
TILIA	2	9	2	5	4	8	17	11	8	6	8	6	9	9	5	5	4	8
FRAXINUS	1	0	0	0	0	1	0	2	3	1	0	0	0	3	1	0	1	0
FAGUS	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
ALNUS	94	128	95	124	94	107	117	83	99	68	92	96	133	109	113	98	95	102
CORYLUS/MYRICA	391	312	188	197	176	183	165	179	223	162	122	134	162	170	243	230	183	195
SALIX	23	3	1	0	1	1	2	1	3	3	4	0	0	1	2	0	2	1
PRUNUS-SORBUS	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	2	1	0	1	0	1	1	0	2	0	0	0	2	0	1	0	0	0
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIBURNUM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
CALLUNA	21	20	9	16	16	14	13	15	21	12	8	15	84	19	21	25	12	16
GRAMINEAE	93	113	110	224	124	117	163	123	127	97	52	66	98	57	153	120	66	49
CYPERACEAE	7	4	5	10	5	3	2	7	6	2	3	2	8	3	3	1	4	1
ROSACEAE	14	8	3	5	6	2	1	3	4	1	4	4	3	4	2	6	4	1
FILIPENDULA	1	0	0	0	0	0	1	1	2	2	1	3	1	0	0	1	1	0
POTENTILLA-T	2	1	0	0	4	3	4	2	2	0	0	0	3	0	0	0	1	0
SANGUISORBA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RANUNCULUS	1	2	2	0	0	2	0	0	0	1	2	0	0	1	0	1	1	0
CALTHA	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
URTICA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENTHA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STACHYS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
CANNABACEAE	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
MERCURIALIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEGUMINOSAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VICIA SYLVATICA	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
VICIA CRACCA-T	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
ANAGALLIS ARV.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCROPHULARIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MELAMPYRUM	35	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0
RUMEX	3	2	0	1	1	0	2	2	1	0	0	1	0	1	2	1	0	0
OXYRIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILOBIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. AVICULARE	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JASIONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUCIFERAE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELLARIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MATRICARIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CIRSIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHENOPODIACEAE	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
P. LANCEOLATA	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
CEREALES-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	21	0	0	0	3	3	0	1	4	0	0	0	1	1	1	2	0	0
POLYPODIUM	0	3	4	3	3	2	0	1	1	1	1	5	6	3	2	1	3	5
EQUISETUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FILICALES	43	3	4	4	3	8	5	2	12	2	4	12	9	6	2	9	4	10
SPHAGNUM	26	4	7	0	42	43	235	27	2	0	1	0	4	0	1	3	0	0
LYCOPODIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LYCOPODIUM	40	130	202	308	155	110	223	128	139	73	93	92	86	103	102	114	104	72

NGIA QUADRANTS

POLLEN COUNTS

DEPTH	-742	-742	-742	-742	-743	-743	-743	-743	-743	-744	-744	-744	-744	-745	-745	-745	-746
BETULA	53	50	56	52	62	58	64	60	47	49	46	49	48	44	46	47	49
PINUS	12	14	10	14	11	14	15	12	19	14	20	12	16	18	20	24	19
ULMUS	30	35	32	26	30	31	26	26	29	32	30	36	38	40	36	30	32
QUERCUS	53	49	51	53	46	46	42	48	51	50	49	52	42	46	46	44	48
TILIA	2	2	1	5	1	1	3	3	3	4	5	1	4	2	2	3	2
FRAXINUS	0	0	0	0	0	0	0	1	1	1	0	0	2	0	0	2	0
ALNUS	128	114	130	127	101	120	122	130	114	112	92	112	86	91	78	88	88
CORYLUS/MYRICA	411	388	392	386	340	329	355	327	386	350	402	377	409	402	386	412	391
SALIX	2	7	4	4	18	7	12	16	16	12	12	8	16	12	17	17	23
PRUNUS	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	1	0
CRATAEGUS-T	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	1
VIBURNUM	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
HEDERA	0	0	1	1	1	0	3	0	0	1	0	1	1	2	0	1	1
CALLUNA	41	40	36	42	39	42	40	36	19	30	36	29	30	27	29	42	27
GRAMINEAE	46	57	70	60	69	80	72	87	83	80	101	86	72	101	90	96	98
CYPERACEAE	3	12	16	12	4	12	18	7	11	12	17	17	18	12	26	18	7
ROSACEAE	12	8	4	5	5	8	4	10	8	7	4	8	9	3	7	7	7
FILIPENDULA	1	2	1	1	0	5	1	2	1	0	1	3	3	3	3	1	2
POTENTILLA-T	1	1	2	1	2	0	1	1	2	1	2	2	7	4	4	3	4
RANUNCULUS	1	1	2	1	0	1	2	2	0	1	1	1	3	4	1	0	3
UMBELLIFERAE	0	0	0	0	0	0	1	0	1	1	0	1	2	1	1	0	0
SUCCISA	1	0	3	0	1	0	1	0	1	0	1	0	3	1	1	0	1
GALIUM-T	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
SILENE	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1
STELLARIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0
ARTEMISIA	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
RUMEX	0	1	1	1	1	1	1	2	2	1	3	3	2	3	4	2	4
MELAMPYRUM	0	1	4	2	5	6	7	5	10	8	12	12	31	32	26	28	31
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
EPILOBIUM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
PTERIDIUM	4	4	6	2	2	3	3	4	2	7	5	7	21	17	12	21	17
POLYPODIUM	1	3	4	3	5	5	4	4	1	1	7	2	2	3	6	4	12
EQUISETUM	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
FILICALES	16	12	18	26	8	20	30	11	34	24	40	31	41	26	30	18	14
SPHAGNUM	10	16	26	12	3	18	26	26	13	20	12	29	28	12	26	12	26
LYCOPODIUM	304	288	211	252	275	242	260	164	278	212	186	270	240	291	199	212	312

NGIA QUADRANTS

POLLEN COUNTS-CONTINUED

DEPTH	-746	-746	-746	-747	-747	-747	-747	-748	-748	-748	-748	-749	-749	-749	-749	-750	-750	-750	-750	-751	-751	-751	-751	-751
BETULA	52	47	50	30	27	28	25	10	19	17	12	22	25	21	23	20	18	17	17	13	15	19	18	
FINUS	20	20	18	5	8	9	6	5	7	4	4	4	6	7	7	4	8	7	6	7	7	7	6	
ULMUS	28	29	31	25	28	25	24	30	28	32	28	28	27	26	27	22	28	25	25	28	27	24	25	
QUERCUS	46	50	46	86	82	80	85	97	95	92	98	92	90	92	91	95	92	94	96	93	89	92	95	
TILIA	4	3	5	4	4	8	8	8	2	5	7	4	2	4	2	8	4	7	6	9	12	8	6	
FRAXINUS	0	1	0	0	1	0	2	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	
ALNUS	77	78	101	112	101	112	96	95	93	101	97	127	114	136	142	87	107	90	99	101	122	128	136	
CORYLUS/MYRICA	380	401	372	286	302	298	312	188	140	162	147	201	242	177	212	179	188	156	162	156	163	182	147	
SALIX	14	20	12	4	4	2	4	0	0	5	2	1	1	3	1	1	1	3	4	2	2	4	1	
PRUNUS	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CRATAEGUS-T	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
VIBURNUM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LEDERA	1	1	3	1	1	2	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	
CALLUNA	27	29	36	27	28	29	38	25	9	17	17	14	16	21	12	16	21	18	17	18	12	20	17	
GRAMINEAE	72	88	87	112	98	126	112	95	110	110	88	201	224	201	186	148	127	140	162	112	128	112	141	
CYPERACEAE	14	12	21	11	12	17	20	4	5	7	4	12	8	17	12	6	7	12	12	12	7	8	12	
ROSACEAE	4	14	8	4	2	1	4	2	3	3	1	4	11	4	4	2	4	4	1	2	3	4	1	
FILIPENDULA	0	1	4	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	
POTENTILLA-T	12	12	4	2	1	1	4	0	0	2	2	1	0	3	4	1	1	2	0	1	0	1	1	
RANUNCULUS	4	2	4	3	1	2	1	2	2	1	2	0	0	1	0	0	1	1	0	0	0	0	1	
UMBELLIFERAE	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	
SUCCISA	0	1	2	0	0	10	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SILENE	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STELLARIA	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SENECIO-T	1	1	4	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
ARTEMISIA	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
RUMEX	4	3	7	4	2	0	3	0	0	1	3	3	0	1	1	3	1	2	1	0	0	0	0	
MELAMPYRUM	27	24	28	2	0	0	1	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	
CHENOPODIACEAE	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EPILOBIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CRUCIFERAE	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
P. LANCEOLATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PTERIDIUM	12	12	18	1	2	0	2	0	0	3	1	1	0	1	0	1	1	2	4	1	0	0	0	
POLYPODIUM	4	7	7	4	6	4	7	3	4	4	4	2	6	4	4	4	2	4	3	4	4	3	3	
EQUISETUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FILICALES	14	18	26	4	7	4	12	3	4	5	17	7	5	2	17	10	17	10	12	6	8	16	7	
SPHAGNUM	26	20	22	12	12	22	26	24	7	21	12	14	4	17	8	198	88	86	62	12	27	27	12	
LYCOPODIUM	241	212	280	402	526	511	522	872	702	788	622	982	838	792	944	253	188	212	182	144	127	112	152	

NG1A 0.5MM

POLLEN COUNTS

DEPTH	-738	.5-739	.5-740	.5-741	.5-742	.5-743	.5-744	.5-745	.5-746								
BETULA	61	56	50	48	64	62	44	54	56	49	40	49	54	48	47	46	46
PINUS	24	25	20	19	18	20	16	19	21	20	18	17	24	18	17	13	19
ULMUS	23	24	30	23	24	23	32	22	22	24	29	23	26	30	27	24	25
QUERCUS	42	43	50	54	42	44	58	50	48	52	54	55	44	51	54	60	50
TILIA	0	1	0	2	2	1	0	5	3	4	7	6	2	3	3	4	8
FRAXINUS	0	1	0	4	0	0	0	0	0	1	2	0	0	0	2	3	2
ALNUS	82	87	76	84	90	102	112	92	96	112	69	94	56	68	51	56	48
CORYLUS/MYRICA	323	326	260	289	420	384	323	356	360	330	324	302	346	303	302	212	296
SALIX	11	11	8	4	5	18	14	12	16	18	6	7	4	7	4	3	4
PRUNUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
CRATAEGUS-T	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HEDERA	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
CALLUNA	30	17	20	32	20	21	24	20	18	22	15	16	18	12	33	8	14
ERICA-T	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
GRAMINEAE	74	48	54	74	64	72	70	64	62	68	121	76	74	75	60	86	87
CYPERACEAE	7	7	4	5	6	16	4	12	10	12	6	5	8	6	4	3	3
ROSACEAE	1	3	2	1	1	4	7	5	12	11	2	1	4	6	6	3	1
FILIPENDULA	1	0	4	2	4	1	2	1	5	4	1	0	1	1	5	0	0
POTENTILLA-T	2	0	2	0	6	5	1	3	2	3	3	2	3	1	3	0	2
RANUNCULUS	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
THALICTRUM	0	0	0	0	3	0	0	1	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
SUCCISA	0	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	4
URTICA	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0
SCROPHULARIACEAE	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
MENTHA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
MERCURIALIS	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
HYPERICUM PERF.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
MENYANTHES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
ARTEMISIA	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0
RUMEX	2	1	0	2	2	0	8	3	1	1	0	1	0	1	0	6	4
MELAMPYRUM	16	16	14	9	18	8	2	4	6	4	4	3	4	1	0	8	18
CRUCIFERAE	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
CIRSIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	12	3	5	9	12	17	4	2	8	4	14	4	6	2	14	8	8
POLYPODIUM	4	2	4	4	8	1	5	4	3	3	8	3	4	0	6	3	0
FILICALES	32	27	46	34	41	67	41	40	49	48	36	17	24	21	18	22	41
SPHAGNUM	36	40	50	44	36	40	25	34	32	22	66	19	26	36	33	18	38
LYCOPODIUM	68	31	96	70	78	120	96	104	54	134	105	72	84	63	66	230	138

NG1A 0.5MM

POLLEN COUNTS-CONTINUED

DEPTH	.5-747	.5-748	.5-749	.5-750	.5-751	.5-752						
BETULA	62	30	17	30	10	21	24	18	25	24	23	24
PINUS	22	16	9	6	1	6	1	1	2	1	2	3
ULMUS	24	28	31	24	44	33	30	33	30	26	31	29
QUERCUS	42	66	90	82	90	87	84	91	88	92	90	89
TILIA	0	6	2	7	5	3	11	7	5	7	4	4
FRAXINUS	0	4	1	1	0	0	0	0	0	0	0	1
ALNUS	56	74	104	96	84	81	90	96	87	125	140	136
CORYLUS/MYRICA	345	230	210	212	164	183	146	180	152	180	160	181
SALIX	14	3	2	0	1	3	1	1	12	10	8	7
PRUNUS	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	1	1	0	0	0	0	0	0	0	0	0	0
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	0	0	1	0	0	0	0	0	0	0	0	0
CALLUNA	14	16	16	16	8	10	11	14	17	21	31	26
ERICA-T	0	0	0	0	0	0	0	0	0	0	0	0
GRAMINEAE	94	94	118	124	148	135	112	101	112	97	112	121
CYPERACEAE	24	8	6	9	5	7	12	6	17	12	7	11
ROSACEAE	6	6	1	1	1	2	2	1	2	2	4	1
FILIPENDULA	0	1	0	0	0	0	0	0	0	0	0	1
POTENTILLA-T	7	2	7	6	0	0	0	0	1	1	1	2
RANUNCULUS	1	0	0	0	0	0	0	0	1	0	0	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	1	0	0	0	0	0	0	1	0	0	0
URTICA	1	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	0	0	0	0	0	0	0
SCROPHULARIACEAE	0	1	0	0	0	0	0	0	0	0	0	0
MENTHA-T	0	0	0	0	0	0	0	0	0	0	0	0
MERCURIALIS	0	0	0	0	0	0	0	0	0	0	0	0
HYPERICUM PERF.	0	0	0	0	0	0	0	0	0	0	0	0
MENYANTHES	0	0	0	1	0	0	0	0	0	0	0	0
P. LANCEOLATA	0	0	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	1	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	1	1	0	0	0	0	0	0	0	0	0
RUMEX	1	6	1	1	0	0	0	0	1	0	1	1
MELAMPYRUM	28	3	1	0	0	0	0	0	0	0	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0
CIRSIUM	0	0	0	0	1	0	0	0	0	0	0	0
CHENOPODIACEAE	0	1	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	12	2	0	0	0	1	0	0	0	1	0	0
POLYPODIUM	3	5	4	6	5	6	7	5	4	6	4	5
FILICALES	18	24	12	14	14	24	11	12	16	12	18	21
SPHAGNUM	36	56	104	138	104	286	147	401	10	42	26	40
LYCOPODIUM	108	216	264	152	244	564	423	209	180	147	121	182

NORTH GILL 4

POLLEN COUNTS

DEPTH	-51	-52	-53	-54	-55	-56	-57	-58	-59	-60	-61	-62	-63	-64	-65	-66	-67
BETULA	42	37	36	42	30	33	22	19	19	36	35	47	48	18	12	22	16
PINUS	0	1	1	3	0	5	7	3	3	7	10	3	17	4	4	4	6
ULMUS	11	12	9	12	15	28	23	30	28	22	30	22	20	30	25	23	32
QUERCUS	91	96	92	81	94	70	89	87	88	76	71	65	57	86	100	90	79
TILIA	6	4	7	9	6	7	6	8	9	4	3	6	6	10	9	9	4
FRAXINUS	0	0	5	3	5	7	3	2	3	5	1	7	2	1	0	2	13
FAGUS	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0
ALNUS	201	171	151	144	141	70	154	98	112	136	64	86	98	103	62	93	120
CORYLUS/MYRICA	176	217	280	357	324	166	224	189	166	259	218	228	285	233	196	213	173
SALIX	3	1	0	0	4	1	3	5	3	5	6	3	1	0	0	3	2
PRUNUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SORBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0
CALLUNA	41	27	114	86	98	10	27	11	17	26	22	29	26	11	4	13	8
ERICA-T	0	0	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0
GRAMINEAE	62	61	42	30	81	208	168	163	181	197	321	252	377	161	60	195	101
CYPERACEAE	14	24	12	21	51	9	33	2	12	4	8	5	11	8	5	5	8
ROSACEAE	3	7	0	0	2	3	0	0	0	4	5	4	3	1	2	1	5
POTENTILLA-T	2	1	0	0	1	0	0	1	2	1	1	1	2	1	1	1	1
FILIPENDULA	0	0	0	0	0	1	4	1	1	2	1	1	1	1	0	0	1
RANUNCULUS	0	0	0	0	0	0	0	0	0	3	1	0	0	1	1	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STACHYS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPERGULARIA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
HYPERICUM PERF.	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
SUCCISA	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MELAMPYRUM	0	0	0	0	2	4	1	1	1	3	5	5	7	1	0	0	0
RUMEX	0	0	2	0	3	3	4	0	0	0	2	0	0	0	0	0	0
ARTEMISIA	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	1	1	4	20	6	0	0	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	7	12	5	9	9	6	11	2	3	2	3	3	1	0	1	2	0
POLYPODIUM	3	1	0	0	2	1	4	6	4	1	5	0	2	1	1	2	4
FILICALES	14	12	0	0	9	14	8	12	17	14	20	12	22	4	5	4	8
OSMUNDA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPHAGNUM	26	47	96	102	151	54	62	94	112	273	1215	4680	92	279	112	31	393
LYCOPodium	287	446	380	642	721	234	257	244	210	243	325	621	325	350	241	313	607

NORTH GILL 4

POLLEN COUNTS-CONTINUED

	-68	-69	-70	-71	-72	-73	-74	-75	-76	-77	-78	-79	-80	-81	-82	-83	-84
BETULA	58	48	15	27	27	28	24	25	33	25	25	24	28	26	30	26	31
PINUS	23	15	3	1	10	5	2	4	5	6	5	6	6	5	7	8	12
ULMUS	28	24	39	33	31	43	28	22	25	26	22	30	27	31	24	26	26
QUERCUS	38	57	84	81	75	68	80	92	75	84	87	86	83	82	82	79	79
TILIA	1	4	6	5	9	4	14	5	10	6	9	4	4	6	6	9	2
FRAXINUS	2	2	3	3	0	2	2	2	2	3	2	0	2	0	1	2	0
FAGUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALNUS	78	83	369	243	185	251	928	391	401	469	463	501	528	560	555	514	594
CORYLUS/MYRICA	438	257	315	202	190	254	234	241	196	264	190	190	209	188	167	180	204
SALIX	18	6	0	1	0	1	0	5	7	7	4	6	7	7	4	4	19
PRUNUS	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
SORBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
VIBURNUM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LONICERA	0	1	1	1	0	1	0	0	0	1	0	0	0	0	0	0	1
HEDERA	0	1	0	0	2	0	0	0	0	1	0	0	1	0	0	0	1
CALLUNA	18	22	45	25	17	22	17	21	17	21	18	12	11	12	7	17	23
ERICA-T	0	0	0	2	3	5	0	0	1	10	0	0	0	0	0	0	0
GRAMINEAE	71	149	123	133	135	70	78	76	76	95	37	48	61	61	59	61	71
CYPERACEAE	10	11	6	19	0	2	9	9	3	7	7	7	3	17	4	12	5
ROSACEAE	7	8	0	4	4	3	0	5	5	2	0	4	7	1	1	1	7
POTENTILLA-T	1	4	0	3	0	1	1	1	1	5	0	2	0	0	0	1	1
FILIPENDULA	1	1	0	0	2	1	5	0	0	0	0	0	1	2	2	0	2
RANUNCULUS	1	3	0	0	1	1	0	1	0	1	0	0	0	0	0	0	2
GALIUM-T	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
STACHYS-T	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
SPERGULARIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HYPERICUM PERF.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
SENECIO-T	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
MELAMPYRUM	16	9	0	1	0	0	0	0	2	0	1	1	1	0	1	0	1
RUPEX	1	0	1	7	0	8	36	41	24	3	0	0	1	0	1	1	2
ARTEMISIA	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	7	8	1	6	4	3	0	3	9	5	0	1	2	1	0	0	1
POLYPODIUM	2	3	6	8	13	12	3	2	3	27	4	8	4	4	4	6	6
FILICALES	26	11	12	6	9	10	10	15	9	10	6	11	11	7	9	8	22
OSMUNDA	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
SPHAGNUM	39	25	12	50	34	22	7	15	10	28	0	12	12	12	4	12	9
LYCOPODIUM	60	87	777	169	226	277	122	157	175	249	129	101	121	82	66	81	154

NORTH GILL 4

POLLEN COUNTS--CONTINUED

DEPTH	-85	-86	-87	-88	-89	-90	-91	-92	-93	-94	-95
BETULA	26	24	28	32	30	28	28	30	46	34	38
FINUS	8	14	8	9	4	8	7	10	14	18	14
ULMUS	28	26	27	24	25	27	25	25	22	28	30
QUERCUS	82	82	80	83	87	82	84	80	68	64	61
TILIA	4	4	6	2	3	4	6	5	0	3	4
FRAXINUS	0	0	1	0	1	0	0	0	0	3	3
FAGUS	0	0	0	0	0	1	0	0	0	0	0
ALNUS	530	517	530	554	542	550	502	412	208	212	182
CORYLUS/MYRICA	212	188	212	207	211	237	190	165	294	312	312
SALIX	21	34	28	48	20	22	57	90	72	47	42
PRUNUS	0	0	0	0	0	0	0	0	0	0	0
SORBUS	0	0	0	0	0	0	0	1	0	0	0
CRATAEGUS-T	0	1	0	0	0	0	0	0	1	0	0
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0
LONICERA	0	0	0	1	0	0	0	0	0	0	0
HEDERA	0	0	0	0	0	0	1	0	1	0	0
CALLUNA	17	18	18	14	18	25	21	20	29	12	27
ERICA-T	0	0	0	1	0	0	0	0	0	0	0
GRAMINEAE	62	56	62	83	70	66	72	81	101	56	47
CYPERACEAE	8	4	12	8	12	5	12	10	14	12	18
ROSACEAE	1	4	4	6	1	3	4	12	6	4	7
POTENTILLA-T	1	1	0	2	0	0	0	0	4	6	3
FILIPENDULA	0	1	0	4	0	1	1	0	2	1	1
RANUNCULUS	0	0	0	1	0	0	0	0	1	1	3
GALIUM-T	0	0	0	0	0	0	0	0	0	1	1
STACHYS-T	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0
SPERGULARIA	0	0	0	0	0	0	0	0	0	0	0
HYPERICUM PERF.	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	0	0	0	0	1	1	1	1	1	2
SILENE-T	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	0	0	1	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	0	0
MELAMPYRUM	0	1	1	2	1	1	1	1	12	9	12
RUMEX	0	6	3	3	1	0	0	0	4	4	7
ARTEMISIA	0	0	0	0	0	0	0	0	0	1	1
P. LANCEOLATA	0	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	0	3	1	2	0	1	2	4	12	6	4
POLYPODIUM	2	2	4	4	1	2	2	1	4	3	1
FILICALES	10	16	16	27	12	18	12	16	52	24	22
OSMUNDA	0	0	0	0	0	0	0	0	0	0	0
SPHAGNUM	12	12	4	7	3	9	8	0	4	0	0
LYCOPODIUM	181	100	180	171	221	285	180	130	247	201	147

NORTH GILL 4 (D2) POLLEN COUNTS

DEPTH	-671-	672-	673-	674-	675-	676-	677-	678-	679-	680-	681-	682-	683-	684-	685-	686-	687
BETULA	18	23	19	16	17	21	27	29	53	48	52	63	55	55	54	61	54
PINUS	2	4	3	3	3	6	5	5	17	22	18	13	18	22	20	19	22
ULMUS	30	24	31	35	31	35	36	34	24	26	28	26	25	24	22	20	26
QUERCUS	91	90	85	87	85	73	72	74	50	49	46	44	47	46	49	46	44
TILIA	8	6	9	7	9	7	4	4	6	5	6	4	5	3	4	3	4
FRAXINUS	1	2	3	2	5	8	6	4	0	0	0	0	0	0	1	1	0
FAGUS	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALNUS	124	82	93	90	102	127	80	75	70	65	71	66	71	50	52	76	88
CORYLUS/MYRICA	261	173	135	156	147	183	177	156	280	291	286	284	302	321	380	337	390
SALIX	2	0	0	0	1	2	0	0	7	9	4	6	7	5	12	6	7
PRUNUS	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
SORBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
CRATAEGUS-T	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	2	1
LONICERA	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
HEDERA	0	0	0	1	0	1	0	1	0	0	0	0	1	1	1	0	1
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALLUNA	4	8	18	6	10	18	22	26	38	42	35	29	32	24	27	25	22
GRAMINEAE	126	87	150	174	101	72	80	92	61	67	70	85	90	84	72	65	80
CYPERACEAE	14	9	9	9	11	9	8	6	18	29	20	18	22	17	12	11	20
ROSACEAE	1	7	0	1	2	3	2	3	4	8	3	2	7	9	11	5	4
FILIPENDULA	0	1	0	0	0	0	0	0	1	4	3	5	1	0	2	1	2
POTENTILLA-T	7	1	3	1	1	1	1	1	2	0	1	1	4	6	1	1	4
RANUNCULUS	0	1	0	0	0	0	0	0	1	0	1	1	0	1	0	2	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	0	0	0	0	0	1	10	1	0	0	0	1	2	0	0	1
ONOBRYCHIS-T	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
GENISTA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
HYPERICUM PERF.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
RUMEX ACETOSA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0
ARTEMISIA	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1
RUMEX	0	0	0	0	0	0	0	0	1	1	0	0	2	0	1	1	0
MELAMPYRUM	0	0	0	0	0	0	0	0	8	10	11	9	7	10	10	11	14
CHENOPODIACEAE	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELLARIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SENECIO-T	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
TYPHA ANGUSTIFOL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
NYMPHAEA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	1	0	0	0	0	1	4	2	10	18	12	14	18	12	7	3	12
POLYPODIUM	5	0	2	3	2	6	0	2	4	3	4	0	4	0	2	1	1
FILICALES	6	2	1	6	6	3	12	5	17	36	10	14	18	16	12	34	26
SPHAGNUM	26	92	238	51	67	422	401	321	51	42	26	23	17	37	18	37	41
LYCOPODIUM	182	201	221	186	212	286	212	213	77	38	56	47	52	68	70	47	52

NORTH GILL 4 (D2) POLLEN COUNTS--CONTINUED

DEPTH	-688-	689-	690-	691-	692-	693-	694-	695-	696-	697-	698-	699-	700-	701-	702-	703-	704
BETULA	47	47	43	42	27	33	26	32	33	32	21	26	22	21	18	20	17
PINUS	15	18	19	8	5	6	8	10	7	4	2	3	3	2	1	1	3
ULMUS	33	31	30	36	39	31	32	30	30	38	33	35	39	37	39	42	37
QUERCUS	48	50	55	60	72	74	75	68	66	70	87	84	81	86	84	81	82
TILIA	6	4	3	3	4	5	6	7	9	5	4	2	5	4	6	4	8
FRAXINUS	1	0	0	1	3	1	3	3	5	1	3	0	0	0	2	2	3
FAGUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALNUS	123	120	152	170	213	181	178	140	136	202	900	502	344	340	329	380	377
CORYLUS/MYRICA	438	401	323	301	261	252	246	201	153	190	186	191	207	210	240	210	254
SALIX	15	11	9	4	2	4	3	3	2	5	2	1	1	1	3	3	7
PRUNUS	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
SORBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1
LONICERA	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HEDERA	2	0	1	0	0	1	3	0	1	0	0	0	1	0	1	1	3
VIBURNUM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	1	1	1	2	4	0	1	1	3	1	8	1	13	4	10	1	4
CALLUNA	15	27	21	26	27	31	26	14	14	24	21	18	24	21	30	18	24
GRAMINEAE	79	81	79	56	112	120	116	90	85	72	75	80	87	90	78	72	73
CYPERACEAE	21	16	6	10	5	17	12	17	5	12	7	11	5	10	6	8	7
ROSACEAE	3	3	4	2	6	2	1	5	4	2	0	1	3	1	3	2	0
FILIPENDULA	3	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	4
POTENTILLA-T	0	4	0	1	0	1	6	3	0	4	3	1	4	2	5	1	3
RANUNCULUS	0	1	0	1	0	1	0	1	3	0	0	0	0	0	0	0	1
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0
ONOBRYCHIS-T	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENISTA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HYPERICUM PERF.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUMEX ACETOSA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
P. LANCEOLATA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
ARTEMISIA	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
RUMEX	0	0	1	1	0	0	0	1	3	1	1	1	3	1	1	3	7
MELAMPYRUM	10	8	8	4	2	1	1	2	0	1	1	0	0	0	1	0	0
CHENOPODIACEAE	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELLARIA-T	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
TYPHA ANGUSTIFOL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NYMPHAEA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	9	10	11	8	6	4	6	8	6	4	3	1	1	0	0	0	0
POLYPODIUM	1	2	7	5	12	4	3	4	6	4	27	4	6	4	19	10	13
FILICALES	32	17	39	17	30	18	15	18	5	17	8	10	15	10	6	18	12
SPHAGNUM	53	28	36	28	31	26	45	31	32	36	21	30	37	21	26	24	40
LYCOPodium	37	46	33	58	52	72	68	72	88	80	96	101	121	110	121	96	88

NORTH GILL 4 (D2) POLLEN COUNTS--CONTINUED

DEPTH	-705	-706	-707	-708	-709	-710	-711	-712	-713	-714	-715	-716	-717	-718	-719	-720	-721
BETULA	19	27	19	18	12	26	18	27	22	23	24	28	21	18	30	29	31
PINUS	12	3	4	5	1	3	1	4	2	1	3	4	5	5	8	5	6
ULMUS	38	30	36	36	38	24	27	33	30	33	28	28	30	35	41	40	
QUERCUS	78	81	80	88	88	84	90	81	86	90	86	84	84	82	71	68	67
TILIA	7	6	8	3	10	12	10	4	8	5	4	6	10	12	4	6	6
FRAXINUS	1	3	3	0	1	1	4	1	1	1	0	0	2	3	2	1	0
FAGUS	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
ALNUS	282	231	212	175	206	143	132	192	201	159	180	219	230	216	190	170	181
CORYLUS/MYRICA	262	306	251	233	271	188	241	207	180	182	190	259	231	242	271	230	261
SALIX	3	2	1	2	0	1	1	3	1	0	0	0	1	1	3	3	11
PRUNUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SORBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	0	3	0	3	0	8	0	7	3	7	1	8	3	8	4	10	7
CALLUNA	23	16	16	15	16	21	18	26	30	26	12	17	19	14	22	26	31
GRAMINEAE	57	118	41	106	48	117	212	159	102	130	112	147	109	166	82	109	113
CYPERACEAE	3	12	7	25	4	12	14	16	4	17	12	6	18	9	17	10	20
ROSACEAE	1	4	6	6	0	3	3	0	2	3	3	2	1	1	3	2	3
FILIPENDULA	3	1	3	0	0	0	0	0	0	3	1	1	1	0	1	1	1
POTENTILLA-T	0	3	0	0	1	1	1	3	3	0	2	2	7	2	3	11	
RANUNCULUS	0	0	0	1	0	0	0	0	0	0	1	3	1	0	0	2	2
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
SUCCISA	0	0	0	1	0	0	0	0	1	1	0	0	0	0	2	1	2
ONOBRYCHIS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENISTA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
HYPERICUM PERF.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUMEX ACETOSA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
ARTEMISIA	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1
RUMEX	0	0	0	0	3	1	1	0	0	1	0	0	0	3	1	1	2
MELAMPYRUM	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	3
CHENOPODIACEAE	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
STELLARIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
TYPHA ANGUSTIFOL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NYMphaea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	1	0	1	3	2	3	0	6	2	0	1	6	3	6	4	2	8
POLYPODIUM	4	15	5	7	3	10	0	5	4	7	4	9	1	17	12	17	10
FILICALES	14	30	6	15	11	7	5	5	12	12	12	13	12	16	12	7	21
SPHAGNUM	15	22	27	33	41	48	43	30	36	34	36	20	26	59	31	36	40
LYCOPODIUM	101	41	86	47	72	86	97	56	90	62	71	56	80	77	46	59	48

NORTH GILL 4 (D2) POLLEN COUNTS--CONTINUED

DEPTH	-722	-723	-724	-725	-726	-727	-728	-729	-730	-731	-732	-733	-734	-735	-736	-737	-738
BETULA	27	30	21	20	19	22	18	24	24	27	21	22	20	24	26	25	23
PINUS	4	5	5	2	1	3	5	3	3	2	1	1	1	1	5	6	7
ULMUS	38	39	41	44	48	42	39	36	29	25	22	22	27	28	30	30	31
QUERCUS	74	69	70	68	69	70	75	72	87	84	99	90	85	81	75	76	74
TILIA	7	7	9	11	10	12	10	11	7	10	3	12	16	14	9	11	15
FRAXINUS	0	0	4	5	3	1	3	4	0	2	3	2	1	2	5	2	0
FAGUS	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
ALNUS	224	212	279	261	298	256	244	250	246	231	327	360	353	380	401	450	474
CORYLUS/MYRICA	241	251	204	221	231	201	186	197	182	201	234	220	171	200	234	301	337
SALIX	5	4	5	4	5	7	1	4	5	5	3	4	0	2	0	1	3
PRUNUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SORBUS	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LONICERA	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	1	1	0	0	0	0	1	0	1	0	1	0	0	0	0	0	1
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	13	6	7	6	11	3	1	2	10	1	1	0	0	0	1	0	0
CALLUNA	18	21	29	24	27	19	19	20	30	21	29	20	15	17	19	20	25
GRAMINEAE	141	112	109	91	95	81	72	76	90	80	55	70	76	80	93	87	82
CYPERACEAE	14	7	7	11	11	8	2	15	5	17	10	11	3	7	10	8	6
ROSACEAE	1	2	1	2	1	4	7	2	1	1	5	4	1	1	5	0	1
FILIPENDULA	0	1	1	0	0	1	3	1	0	0	0	0	0	1	3	0	1
POTENTILLA-T	3	12	6	5	6	2	1	4	7	2	0	1	1	0	0	0	1
RANUNCULUS	0	0	0	2	0	0	0	0	1	0	0	0	1	0	0	0	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	1	0	1	0	0	0	10	0	0	0	0	0	1	0	0	0
ONOBRYCHIS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENISTA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
URTICA	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HYPERICUM PERF.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUMEX ACETOSA-T	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
RUMEX	0	0	0	7	21	17	21	24	19	20	24	20	15	21	30	27	31
MELAMPYRUM	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELLARIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TYPHA ANGUSTIFOL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NYMPHAEA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	4	4	1	1	3	3	1	2	1	2	3	0	1	1	1	0	1
POLYPODIUM	7	7	13	7	9	10	8	11	18	7	6	4	3	7	3	2	6
FILICALES	13	19	16	7	12	8	12	17	9	10	18	17	11	17	13	14	17
SPHAGNUM	33	28	29	25	36	24	20	29	36	31	36	21	18	20	24	17	23
LYCOPIDIUM	61	68	86	51	47	50	102	70	71	80	88	112	102	80	92	87	112

NORTH GILL 4 (D2) POLLEN COUNTS--CONTINUED

DEPTH	-739	-740	-741	-742	-743	-744	-745	-746	-747	-748	-749	-750	-751	-752	-753	-754	-755
BETULA	23	11	21	26	22	29	29	29	27	30	24	21	24	27	28	24	26
PINUS	3	4	2	1	3	4	2	1	2	3	1	5	1	5	4	3	1
ULMUS	28	27	28	25	37	34	32	27	28	24	32	37	36	29	32	30	32
QUERCUS	92	99	86	84	79	75	80	89	85	83	81	77	80	81	84	87	84
TILIA	4	5	12	13	9	8	7	3	8	10	10	9	7	7	2	6	6
FRAXINUS	0	4	1	1	0	0	0	1	0	0	2	1	1	1	0	0	1
FAGUS	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
ALNUS	400	330	382	400	380	334	392	468	412	367	390	354	420	459	480	501	452
CORYLUS/MYRICA	156	134	200	237	201	176	212	265	222	204	227	223	236	240	251	237	252
SALIX	1	3	4	3	1	2	4	0	7	5	6	11	4	1	4	3	2
PRUNUS	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
SORBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	1	0
CALLUNA	17	9	21	12	20	13	21	15	18	13	15	18	22	12	18	15	21
GRAMINEAE	62	53	82	69	56	61	80	67	72	63	58	48	52	48	52	63	80
CYPERACEAE	8	5	6	9	12	5	12	9	12	6	6	5	8	8	4	5	7
ROSACEAE	1	0	2	1	1	0	1	3	2	1	4	0	1	0	4	3	3
FILIPENDULA	0	0	1	1	1	0	0	3	2	1	0	3	1	1	1	0	1
POTENTILLA-T	1	0	1	3	0	0	1	1	1	3	1	1	2	3	1	3	2
RANUNCULUS	0	0	1	0	0	0	0	1	0	1	0	1	0	1	1	0	3
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1
ONOBRYCHIS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENISTA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HYPERICUM PERF.	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUMEX ACETOSA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUMEX	17	20	31	55	40	46	40	39	32	39	25	20	31	40	50	57	50
MELAMPYRUM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
CHENOPODIACEAE	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
STELLARIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TYPHA ANGUSTIFOL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NYMPHAEA	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
PTERIDIUM	0	0	1	1	1	2	1	1	2	1	3	2	3	1	4	0	0
POLYPODIUM	3	0	4	1	3	2	7	6	5	7	8	1	4	5	4	3	0
FILICALES	10	7	12	13	10	13	12	9	9	6	4	9	12	14	12	13	0
SPHAGNUM	21	18	21	12	20	3	31	30	36	39	24	15	22	16	31	30	0
LYCOPODIUM	101	86	90	57	80	56	80	102	80	67	82	78	101	86	92	87	106

NORTH GILL 4 (D2) POLLEN COUNTS-CONTINUED

DEPTH	-756	-757	-758	-759	-760	-761	-762	-763	-764	-765	-766	-767	-768	-769	-770
BETULA	24	21	34	34	38	31	27	34	36	34	33	23	21	23	28
PINUS	5	1	5	3	1	2	3	10	11	11	7	5	6	3	3
ULMUS	27	32	27	36	30	38	42	27	21	24	29	27	25	28	24
QUERCUS	81	90	76	71	72	69	68	68	66	66	75	88	89	92	90
TILIA	9	6	8	6	6	8	9	11	15	12	3	5	6	4	5
FRAXINUS	4	0	0	0	3	2	1	0	1	3	3	2	3	0	0
FAGUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALNUS	408	412	353	380	382	390	399	401	432	420	404	402	412	427	476
CORYLUS/MYRICA	229	189	183	280	226	202	188	212	207	190	171	182	179	147	204
SALIX	4	1	3	7	7	4	6	11	5	12	18	10	10	7	8
PRUNUS	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
SORBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
LONICERA	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
HEDERA	1	1	3	1	1	1	0	1	1	1	1	1	1	0	0
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0
CALLUNA	18	12	21	26	12	8	5	26	18	26	17	14	12	20	21
GRAMINEAE	92	57	76	81	75	82	74	60	53	62	74	60	55	56	74
CYPERACEAE	5	5	3	16	5	12	6	12	5	8	6	12	10	17	3
ROSACEAE	4	1	3	4	5	3	1	7	6	4	1	1	3	2	1
FILIPENDULA	1	0	0	1	0	1	3	2	0	4	3	0	1	0	3
POTENTILLA-T	0	1	0	7	1	0	3	1	1	3	1	0	1	1	1
RANUNCULUS	0	0	0	2	3	0	0	1	0	1	0	1	1	0	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
SUCCISA	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
ONOBRYCHIS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENISTA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HYPERICUM PERF.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUMEX ACETOSA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	0	0	0	2	1	0	0	1	0	0	0	0
RUMEX	40	42	46	30	32	36	40	31	29	20	10	4	6	4	9
MELAMPYRUM	0	0	0	0	0	0	0	2	1	1	1	0	1	0	1
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELLARIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
TYPHA ANGUSTIFOL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NYMPHAEA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	0	0	5	4	1	2	5	8	5	4	0	1	1	0	1
POLYPODIUM	1	4	6	3	1	5	5	4	6	3	5	4	1	6	5
FILICALES	19	17	21	24	17	16	16	20	18	12	5	21	15	18	18
SPHAGNUM	30	12	32	17	16	21	18	21	22	17	19	10	9	12	15
LYCOPIDIUM	101	120	72	40	47	86	77	32	27	28	42	82	57	81	62

NORTH GILL 6

POLLEN COUNTS

	-50	-51	-52	-53	-54	-55	-56	-57	-58	-59	-60	-61	-62	-63	-64	-65	-66
DEPTH																	
BETULA	38	29	27	31	33	36	34	42	30	25	12	18	17	24	26	24	24
PINUS	1	0	1	2	0	0	6	3	0	7	2	0	1	8	3	2	1
ULMUS	18	17	12	7	11	9	14	12	15	21	32	28	21	34	24	26	27
QUERCUS	90	98	97	96	94	97	87	81	96	88	96	88	93	74	84	90	92
TILIA	3	4	6	9	8	5	6	9	7	6	3	10	11	5	9	7	4
FRAXINUS	0	2	7	4	4	3	3	3	2	3	4	6	7	5	4	1	2
FAGUS	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0
CARPINUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALNUS	140	186	156	212	147	155	117	134	141	151	68	74	96	72	66	70	81
CORYLUS/MYRICA	296	188	217	240	211	281	228	358	324	220	166	114	181	174	141	148	140
SALIX	0	1	0	3	1	0	0	0	4	2	4	0	0	0	1	3	2
PRUNUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
HEDERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JUNIPERUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0
CALLUNA	51	17	17	96	40	112	62	57	97	27	18	14	8	22	16	18	26
GRAMINEAE	47	41	40	40	27	37	51	34	81	168	100	54	28	32	119	81	47
CYPERACEAE	20	26	22	22	17	47	122	20	54	31	8	18	5	8	18	20	21
ROSACEAE	4	4	3	2	1	0	0	0	3	4	1	1	2	0	0	2	3
FILIPENDULA	0	0	0	0	0	0	0	0	2	0	0	0	0	1	1	1	0
POTENTILLA-T	0	1	0	0	1	0	3	0	2	0	0	1	0	0	0	0	1
RANUNCULUS-T	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
CALTHA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STACHYS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ONOBRYCHIS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
GENISTA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DROSERA	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELLARIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUMEX	1	0	0	1	0	0	6	0	3	5	1	0	2	4	0	0	0
ARTEMISIA	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
MELAMPYRUM	0	0	1	0	0	0	2	0	2	1	0	0	0	0	1	0	0
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CIRSTUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0
EPILOBIUM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
P. LANCEOLATA	6	1	3	1	1	4	18	21	9	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
P. CORONOPUS	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
PTERIDIUM	12	4	7	6	4	14	61	7	8	12	7	4	0	5	0	0	1
FILICALES	4	7	1	0	4	0	0	0	9	9	16	0	3	5	1	10	12
POLYPODIUM	3	3	1	1	3	0	0	0	4	4	2	4	1	1	3	2	4
EQUISETUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPHAGNUM	30	21	26	17	26	22	18	102	188	60	52	112	9	174	484	18	14
LYCOPIDIUM	3201	227	412	452	500	476	590	642	726	262	206	300	312	303	267	241	212

NORTH GILL 6

POLLEN COUNTS--CONTINUED

DEPTH	-67	-68	-69	-70	-71	-72	-73	-74	-75	-76	-77	-78	-79	-80	-81	-82	-83
BETULA	15	10	17	23	12	44	15	22	26	30	25	26	20	29	28	32	26
PINUS	2	4	2	3	5	14	2	2	4	5	6	2	8	8	16	14	8
ULMUS	29	31	30	28	21	28	27	30	27	32	22	23	30	34	39	31	24
QUERCUS	96	94	91	92	101	56	99	85	87	81	90	92	78	67	54	67	84
TILIA	5	11	9	3	10	4	5	10	6	2	5	6	8	10	9	6	8
FRAXINUS	3	0	1	1	1	4	2	1	0	0	2	1	6	0	4	0	0
FAGUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARPINUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALNUS	72	112	107	262	140	174	132	298	391	403	367	424	396	488	538	360	456
CORYLUS/MYRICA	152	162	187	240	164	356	197	174	171	217	160	141	144	236	284	204	234
SALIX	0	0	2	0	3	54	12	14	27	30	59	38	86	84	68	50	37
PRUNUS	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0
CRATAEGUS-T	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0
LONICERA	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	0	0	1	1	0	0	0	0	1	1	0	1	0	0	1	0	0
JUNIPERUS	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
CALLUNA	31	12	18	12	16	40	17	12	9	22	17	20	12	14	10	18	4
GRAMINEAE	66	62	72	130	61	94	141	180	115	81	159	86	152	178	196	122	91
CYPERACEAE	16	3	5	6	16	18	2	2	6	12	14	7	11	25	21	14	10
ROSACEAE	0	0	5	4	0	8	3	5	1	3	3	9	4	10	4	9	0
FILIPENDULA	1	1	0	1	0	7	2	0	0	4	0	6	1	1	6	17	1
POTENTILLA-T	0	0	3	6	3	1	0	0	1	2	2	5	0	0	2	5	0
RANUNCULUS-T	0	0	1	0	0	1	0	0	0	0	0	0	1	4	4	1	0
CALTHA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	5	4	0	0
STACHYS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
ONOBRYCHIS-T	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	1	0	0	1	0	1	0	0	0	1	0	0	0	0	0	2	0
GENISTA-T	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DROSERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
SILENE-T	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0
STELLARIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
RUMEX	8	6	6	19	8	1	10	5	2	3	1	0	7	10	4	16	1
ARTEMISIA	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MELAMPYRUM	0	0	1	0	0	14	1	1	0	0	4	3	1	6	0	12	0
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
SENECIO-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CIRSIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
EPILOBIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. CORONOPUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	5	0	0	0	0	16	0	3	1	2	1	1	1	1	21	7	0
FILICALES	0	3	1	3	1	31	3	12	9	14	18	6	14	30	29	30	26
POLYPODIUM	3	1	6	6	0	4	3	1	3	1	6	8	4	1	5	8	2
EQUISETUM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0
SPHAGNUM	39	59	186	10	11	36	116	14	5	6	0	8	4	4	6	12	5
LYCOPODIUM	252	201	212	214	204	94	219	112	137	146	160	186	212	123	96	126	120

NORTH GILL 6

POLLEN COUNTS-CONTINUED

DEPTH	-84	-85	-86	-87	-88	-89	-90	-91	-92	-93	-94	-95	-96	-97	-98	-99
BETULA	24	30	32	33	28	31	31	41	39	40	32	46	42	47	35	54
PINUS	4	10	12	8	11	8	14	19	13	32	13	29	23	14	20	21
ULMUS	36	29	28	27	32	31	35	26	24	32	32	23	23	26	22	27
QUERCUS	82	80	78	80	76	77	67	55	68	44	69	52	58	54	68	45
TILIA	4	1	0	2	3	3	3	7	3	2	4	0	4	8	4	1
FRAXINUS	0	0	0	0	0	0	0	2	3	0	0	0	0	0	1	2
FAGUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARPINUS	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
ALNUS	412	488	427	401	396	401	476	75	69	80	95	52	73	72	78	45
CORYLUS/MYRICA	172	198	212	247	212	201	251	328	250	510	364	374	405	406	367	349
SALIX	18	12	40	32	17	26	42	3	0	6	11	4	9	6	2	7
PRUNUS	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
HEDERA	0	0	0	0	1	0	0	0	1	1	1	0	1	0	1	1
JUNIPERUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
CALLUNA	12	17	12	17	14	17	3	46	47	60	45	58	43	44	39	31
GRAMINEAE	47	47	70	56	46	42	112	76	107	68	130	110	94	83	65	57
CYPERACEAE	16	12	12	14	22	17	17	14	22	16	28	12	22	4	21	10
ROSACEAE	4	4	8	3	1	7	14	8	1	12	3	6	8	7	12	8
FILIPENDULA	0	0	2	0	0	2	12	2	0	2	0	0	1	4	0	3
POTENTILLA-T	2	1	1	1	0	0	2	0	2	0	3	1	3	0	0	2
RANUNCULUS-T	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	1
CALTHA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STACHYS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ONOBRYCHIS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	0	1	0	1	1	5	0	0	0	0	0	1	7	0	0
GENISTA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
DROSERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELLARIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUMEX	0	1	1	1	0	0	4	0	1	0	2	0	0	0	0	2
ARTEMISIA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
MELAMPYRUM	0	0	0	0	0	1	0	2	4	6	11	6	11	4	5	15
TARAXACUM-T	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
CIRSIIUM-T	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILOBIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. CORONOPUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	1	3	4	4	1	2	9	8	2	24	4	10	3	18	2	4
FILICALES	12	7	14	12	8	22	87	10	12	18	16	14	14	21	11	13
POLYPODIUM	5	4	4	4	1	4	1	3	2	0	2	0	0	3	0	0
EQUISETUM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
SPHAGNUM	17	12	7	8	17	12	6	12	42	14	1	80	22	27	34	49
LYCOPODIUM	207	247	201	172	196	227	91	205	178	142	56	56	65	52	43	45

NORTH GILL 6 (D2) POLLEN COUNTS

DEPTH	-780	-781	-782	-783	-784	-785	-786	-787	-788	-789	-790	-791	-792	-793	-794	-795	-796
BETULA	28	30	28	26	21	24	26	24	26	24	28	22	27	35	32	31	30
PINUS	3	1	2	1	3	2	1	2	1	3	4	6	3	5	8	9	10
ULMUS	23	27	28	30	34	30	30	31	29	30	32	34	35	30	23	28	30
QUERCUS	91	86	80	84	81	86	85	88	90	90	80	81	81	75	79	72	71
TILIA	4	6	7	6	7	7	4	5	4	2	3	6	3	5	6	8	9
FRAXINUS	1	0	5	3	4	1	3	0	0	1	3	1	1	0	2	2	0
FAGUS	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
ALNUS	431	412	426	456	612	580	496	600	527	499	481	412	456	405	411	415	417
CORYLUS/MYRICA	152	180	142	142	160	147	166	151	181	127	147	161	141	290	247	236	212
SALIX	39	38	36	40	42	47	51	42	37	41	41	47	59	70	76	61	64
PRUNUS	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1
CRATAEGUS-T	0	1	0	1	0	0	1	0	1	0	1	0	0	2	1	1	0
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
FRANGULA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
LONICERA	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
HEDERA	2	1	3	1	0	4	0	2	1	0	0	1	2	0	1	1	6
ERICA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALLUNA	18	18	16	22	18	17	24	21	16	17	16	19	21	25	18	16	18
GRAMINEAE	90	82	98	101	88	112	108	88	86	102	91	101	112	145	126	121	126
CYPERACEAE	11	17	12	21	14	16	12	20	11	16	12	27	17	25	18	16	21
ROSACEAE	3	1	4	4	2	7	1	4	3	7	3	8	2	15	4	4	2
FILIPENDULA	4	3	1	1	1	2	1	0	2	2	2	2	7	9	2	3	8
POTENTILLA-T	2	0	1	2	4	1	7	2	1	2	1	1	3	0	3	7	12
RANUNCULUS	0	1	2	2	3	4	5	1	4	1	2	4	4	2	7	3	3
CALTHA	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0
THALICTRUM	0	0	0	0	0	1	0	0	1	0	1	0	1	0	0	0	0
UMBELLIFERAE	1	0	0	1	0	2	0	1	0	0	1	0	0	0	0	2	1
MENTHA-T	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	0	1
VICIA SYLVATICA	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
ANAGALLIS TENELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
ENDYMION-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
LOTUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
GENISTA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
ONOBRYCHIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STACHYS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	2	1	0	0	3	0	2	2	5	3	5	4	2	2
SUCCISA	0	1	0	0	1	1	0	0	1	0	1	0	1	0	0	2	1
RUMEX	1	2	1	1	3	2	3	0	2	1	5	1	5	10	9	8	18
MELAMPYRUM	1	0	4	1	0	0	0	1	1	0	1	0	1	0	2	4	12
SENECIO-T	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	1	0
CIRSIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
TARAXACUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
STELLARIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLANTAGO MAJOR-M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
P. LANCEOLATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEPLIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
TYPHA ANGUSTIFOL	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0
MYRIOPHYLLUM SPI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	0	1	0	0	0	1	1	1	0	0	0	0	1	5	6	13	7
POLYPODIUM	5	3	4	4	12	1	8	4	3	4	4	7	1	10	4	6	3
EQUISETUM	0	0	0	0	3	1	7	4	1	2	3	4	1	0	0	4	2
FILICALES	12	16	12	1	12	24	21	21	14	21	28	26	17	30	18	12	17
SPHAGNUM	3	1	4	17	7	4	12	7	7	6	11	11	2	2	6	4	4
LYCOPODIUM	151	150	161	180	157	161	192	88	126	147	102	151	181	172	146	101	160

NORTH GILL 6 (D2) POLLEN COUNTS--CONTINUED

DEPTH	-797	-798	-799	-800	-801	-802	-803	-804	-805	-806	-807	-808	-809	-810	-811	-812	-813
BETULA	36	35	34	36	31	31	28	27	29	29	31	33	32	29	36	31	29
PINUS	8	7	11	9	8	7	1	4	4	2	4	12	8	11	10	8	1
ULMUS	31	32	25	32	34	30	36	36	32	28	29	30	40	35	39	39	40
QUERCUS	68	68	71	67	70	74	76	79	75	78	74	60	64	68	59	66	76
TILIA	5	6	6	6	4	7	8	4	6	10	8	9	5	6	6	5	4
FRAXINUS	2	2	3	0	3	1	1	0	4	3	4	6	1	1	0	1	0
FAGUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALNUS	412	437	436	427	436	470	496	502	571	536	502	513	526	496	478	441	598
CORYLUS/MYRICA	241	240	236	241	242	212	156	182	190	196	212	246	260	241	251	260	180
SALIX	68	80	72	67	81	71	51	41	47	50	47	60	72	71	62	57	36
PRUNUS	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0
CRATAEGUS-T	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
FRANGULA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LONICERA	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
HEDERA	1	4	1	0	1	1	0	1	1	0	1	0	1	1	1	1	0
ERICA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
CALLUNA	26	21	26	18	16	16	17	12	16	22	16	15	16	21	14	21	21
GRAMINEAE	112	121	131	121	126	150	118	121	107	130	117	132	146	180	136	126	88
CYPERACEAE	17	18	17	18	14	17	12	17	21	12	16	9	21	17	20	17	12
ROSACEAE	4	4	4	4	4	4	0	0	1	1	3	3	4	4	5	3	1
FILIPENDULA	1	7	3	7	7	8	2	1	0	0	1	4	7	3	3	4	0
POTENTILLA-T	4	4	4	8	1	1	0	0	0	1	3	2	7	4	1	0	0
RANUNCULUS	3	5	4	3	5	2	4	1	1	1	2	1	2	1	4	5	1
CALTHA	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
THALICTRUM	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	1	1	3	1	0	0	0	0	0	1	0	2	0	1	3	1	0
MENTHA-T	2	0	3	1	2	0	0	1	0	1	0	0	0	0	1	0	0
VICIA SYLVATICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
ANAGALLIS TENELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENDYMION-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOTUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENISTA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ONOBRYCHIS	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
STACHYS-T	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0
GALIUM-T	2	4	0	3	4	0	2	0	1	0	0	0	3	6	0	0	1
SUCCISA	2	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0
RUMEX	13	8	7	12	8	10	4	1	1	2	3	6	14	8	12	8	0
MELAMPYRUM	7	17	12	8	14	6	0	0	0	1	1	9	8	12	10	4	0
SENECIO-T	0	0	1	0	1	0	0	0	1	0	0	0	1	2	0	0	0
CIRSIIUM	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
TARAXACUM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0
ARTEMISIA	0	0	0	0	0	2	0	0	1	0	0	0	0	1	0	1	0
CHENOPODIACEAE	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0
SILENE-T	1	3	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0
STELLARIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLANTAGO MAJOR-M	1	2	0	0	2	1	0	0	0	0	0	0	1	0	0	1	0
P. LANCEOLATA	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEPLIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TYPHA ANGUSTIFOL	1	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0
MYRIOPHYLLUM SPI	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
PTERIDIUM	8	4	11	8	15	6	1	1	0	1	1	7	4	11	12	8	0
POLYPODIUM	7	3	7	7	7	4	5	5	7	6	4	9	7	5	5	11	4
EQUISETUM	4	7	0	1	6	0	4	12	1	0	0	0	0	0	4	5	0
FILICALES	21	17	26	31	21	17	22	17	11	17	21	12	21	30	17	12	17
SPHAGNUM	8	4	11	12	12	12	6	8	8	11	12	7	12	21	6	7	3
LYCOPODIUM	161	126	181	121	180	136	161	87	126	101	116	66	107	72	92	112	147

NORTH GILL 6 (D2) POLLEN COUNTS-CONTINUED

DEPTH	-814	-815	-816	-817	-818	-819	-820	-821	-822	-823	-824	-825	-826	-827	-828	-829	-830	-831	-832	-833	-834	-835
BETULA	26	31	23	34	26	29	32	28	34	35	30	24	21	21	26	24	29	24	22	24	21	23
PINUS	0	2	1	1	3	6	6	8	16	15	4	3	1	4	3	2	5	6	6	6	4	5
ULMUS	38	32	38	32	39	32	34	39	34	32	42	38	40	32	30	36	31	33	36	28	31	30
QUERCUS	81	77	80	79	76	69	70	71	62	65	72	82	87	91	90	87	82	87	80	83	87	87
TILIA	4	8	8	4	5	12	5	4	4	3	2	3	1	2	1	1	3	0	6	9	7	5
FRAXINUS	1	0	0	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FAGUS	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALNUS	476	512	496	480	447	388	386	420	327	312	353	450	426	441	481	486	421	456	421	418	501	461
CORYLUS/MYRICA	172	176	190	188	188	237	212	227	212	246	212	198	198	230	231	220	201	219	240	201	212	217
SALIX	40	37	50	47	47	47	42	36	51	62	47	36	51	37	40	38	36	45	36	38	32	29
PRUNUS	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRANGULA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LONICERA	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
HEDERA	0	0	0	0	1	5	0	0	0	1	0	1	0	1	0	1	1	0	0	1	0	1
ERICA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALLUNA	16	18	17	11	21	26	17	26	22	14	20	21	18	21	14	14	11	9	12	12	7	7
GRAMINEAE	121	112	96	102	122	88	92	110	112	131	101	90	91	106	101	98	96	110	114	101	86	96
CYPERACEAE	12	8	12	8	17	17	12	17	18	14	14	21	17	21	17	12	18	12	12	17	12	12
ROSACEAE	1	4	2	1	3	2	3	4	2	3	3	3	1	4	3	2	1	2	0	1	2	1
FILIPENDULA	0	0	0	0	0	3	1	4	8	7	4	1	0	0	0	0	0	2	0	3	0	0
POTENTILLA-T	0	0	0	0	1	1	0	2	7	2	1	0	0	0	1	0	0	0	2	0	0	0
RANUNCULUS	0	0	2	1	0	2	5	6	8	3	1	1	0	2	1	0	0	0	0	0	0	0
CALTHA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	1	0	0	1	0	1	1	0	1	1	0	1	1	0	0	0	0	0	0
MENTHA-T	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VICIA SYLVATICA	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
ANAGALLIS TENELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENDYMION-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOTUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENISTA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ONOBRYCHIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STACHYS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	1	0	0	0	3	0	0	4	1	0	0	0	0	0	0	1	1	0	0	0	0
SUCCISA	1	0	0	1	1	1	0	0	2	1	2	1	0	1	0	0	0	0	0	0	0	0
RUMEX	0	0	4	1	8	12	4	7	18	8	1	0	1	0	1	0	1	3	1	0	1	0
MELAMPYRUM	0	0	1	0	1	5	4	4	14	12	2	1	0	0	0	0	0	1	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
CIRSIIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TARAXACUM	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	1	3	0	1	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0
STELLARIA-T	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLANTAGO MAJOR-M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P.LANCEOLATA	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
PEPLIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TYPHA ANGUSTIFOL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MYRIOPHYLLUM SPI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	0	0	2	1	1	7	3	4	21	14	3	0	0	0	1	0	1	0	0	1	0	1
POLYPODIUM	4	1	3	2	4	4	2	0	4	7	3	3	1	3	2	7	1	7	4	1	3	5
EQUISETUM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FILICALES	26	17	21	16	21	12	17	27	31	21	24	30	19	26	14	17	32	56	30	27	31	26
SPHAGNUM	2	2	4	1	2	8	8	8	8	12	4	4	4	4	2	1	0	1	4	8	11	16
LYCOPodium	127	141	112	92	175	81	75	78	121	112	74	121	141	126	112	88	97	106	104	133	96	101

NORTH GILL 7

POLLEN COUNTS

DEPTH	-50	-51	-52	-53	-54	-55	-56	-57	-58	-59	-60	-61	-62	-63	-64	-65	-66
BETULA	24	22	20	26	27	31	32	27	20	26	25	21	25	28	24	32	37
PINUS	0	2	5	3	6	5	6	1	1	3	2	3	4	3	4	3	2
ULMUS	12	11	12	9	12	14	18	14	12	12	11	12	9	17	21	15	1
QUERCUS	99	98	100	97	92	89	79	90	93	95	101	96	84	90	92	96	100
TILIA	3	7	2	7	8	5	7	6	7	6	5	6	4	6	6	4	10
FRAXINUS	12	10	11	8	5	6	8	12	17	8	6	12	24	6	3	0	0
ALNUS	138	112	106	112	78	112	132	70	58	101	147	121	108	171	213	195	214
CORYLUS/MYRICA	272	212	232	271	238	251	222	212	204	280	347	301	201	226	378	326	384
SALIX	3	1	4	4	3	4	0	0	0	1	8	1	1	1	4	4	8
PRUNUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SORBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	1	1
CALLUNA	197	180	126	116	154	202	273	189	165	150	174	180	223	242	309	296	414
GRAMINEAE	11	27	12	21	32	30	21	27	16	18	23	27	42	60	104	98	210
CYPERACEAE	29	12	20	11	47	7	32	11	18	12	27	12	69	40	39	12	38
ROSACEAE	2	1	0	4	3	1	0	1	1	2	6	4	5	1	1	2	2
FILIPENDULA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTENTILLA-T	0	0	0	0	0	0	0	0	0	0	2	1	0	0	1	0	0
RANUNCULUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENTHA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENISTA-T	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
DROSER	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANNABACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SUCCISA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELLARIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURIALIS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
SENECIO-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUMEX	0	1	0	0	1	1	0	0	0	0	0	1	0	0	0	1	0
MELAMPYRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	3	2	4	2	1	1	2	1	0	0	0	1	3	1	0	1	7
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
EPILOBIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENYANTHES	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	3	1	2	2	8	1	3	1	0	1	5	2	0	1	4	5	9
POLYPODIUM	5	1	0	2	0	0	5	0	2	0	0	1	3	2	3	1	3
FILICALES	2	1	4	6	4	4	5	7	4	8	21	11	0	10	18	4	8
SPHAGNUM	11	12	16	27	22	17	30	12	14	16	4	12	5	12	52	17	20
LYCOPODIUM	600	477	302	312	356	312	225	301	360	308	287	296	108	112	77	102	78

NORTH GILL 7

POLLEN COUNTS-CONTINUED

	-67	-68	-69	-70	-71	-72	-73	-74	-75	-76	-77	-78	-79	-80	-81	-82	-83
DEPTH																	
BETULA	30	39	24	19	21	25	32	30	36	35	28	18	38	53	58	45	39
PINUS	4	3	4	5	9	13	14	12	12	6	4	7	20	28	31	10	20
ULMUS	13	23	21	40	33	38	32	37	40	44	33	42	36	20	22	24	30
QUERCUS	90	70	85	77	75	62	58	62	52	56	81	76	51	47	39	68	59
TILIA	9	13	15	8	12	11	8	9	10	7	4	6	5	2	0	2	2
FRAXINUS	4	2	1	1	0	2	0	0	0	2	0	1	0	0	0	1	0
ALNUS	126	100	123	123	135	153	138	143	151	144	182	137	107	60	52	108	109
CORYLUS/MYRICA	278	133	224	203	315	421	427	402	421	331	424	347	400	763	870	580	655
SALIX	5	9	7	5	0	7	9	10	9	9	0	2	9	5	14	12	6
PRUNUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SORBUS	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0
CRATAEGUS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	1	0	1	2	0	0	0	1	1	0	0	0	0	0	0	0	0
LONICERA	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALLUNA	92	80	196	254	384	350	347	368	380	324	316	128	104	80	104	138	122
GRAMINEAE	163	84	107	175	192	92	112	197	128	117	106	109	110	28	58	27	88
CYPERACEAE	6	18	2	3	24	6	7	22	17	37	16	26	8	12	8	21	5
ROSACEAE	1	2	1	2	6	8	12	17	12	22	12	17	22	1	4	7	7
FILIPENDULA	0	0	0	0	0	0	0	2	0	0	0	0	4	1	0	0	0
POTENTILLA-T	0	0	0	1	0	0	3	1	2	3	6	1	4	0	2	0	0
RANUNCULUS	0	1	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0
MENTHA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
GENISTA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DROSERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANNABACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	0	0	0	0	0	0	2	0	1	1	0	7	3	1	1	1
STELLARIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
MERCURIALIS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHENOPODIACEAE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
RUMEX	1	0	0	1	0	2	0	2	0	0	0	1	0	0	0	0	0
MELAMPYRUM	0	0	1	0	0	0	11	16	10	8	1	1	9	7	22	1	1
CRUCIFERAE	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0
P. LANCEOLATA	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILOBIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
MENYANTHES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	3	5	2	8	12	10	9	8	7	5	0	1	3	3	14	4	4
POLYPODIUM	4	1	1	6	3	3	2	1	6	5	6	2	2	2	2	7	1
FILICALES	7	9	7	8	9	10	8	12	12	17	18	11	14	84	62	17	36
SPHAGNUM	4	49	2	2	3	14	11	5	18	16	12	6	16	50	68	51	48
LYCOPODIUM	60	24	45	38	66	41	47	21	36	21	26	18	32	40	47	52	80

NORTH GILL 7

POLLEN COUNTS--CONTINUED

	-84	-85	-86	-87	-88	-89	-90	-91	-92	-93
DEPTH										
BETULA	54	47	41	42	40	41	42	44	51	48
PINUS	21	26	31	28	20	30	33	31	35	34
ULMUS	30	29	27	29	33	29	27	30	25	27
QUERCUS	45	48	51	50	56	47	45	43	39	41
TILIA	0	0	0	1	1	3	2	2	0	0
FRAXINUS	0	0	0	0	0	0	1	0	0	0
ALNUS	123	72	34	42	66	68	60	52	48	52
CORYLUS/MYRICA	670	427	378	412	496	480	495	402	378	380
SALIX	3	8	18	12	11	4	9	4	3	4
PRUNUS	0	0	0	0	0	0	3	0	0	0
SORBUS	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	1	0	0	0	0	0	0	0
HEDERA	0	0	0	0	0	0	0	0	0	0
LONICERA	0	0	0	0	0	0	0	0	0	0
VIBURNUM	0	0	0	0	0	0	1	0	0	0
ERICA-T	0	0	0	0	0	0	0	0	0	0
CALLUNA	171	128	102	116	114	127	168	130	112	127
GRAMINEAE	26	38	30	42	61	80	64	68	66	80
CYPERACEAE	12	17	9	17	19	12	7	11	14	12
ROSACEAE	6	7	8	7	11	4	3	12	9	7
FILIPENDULA	2	0	0	0	0	0	1	0	0	0
POTENTILLA-T	0	3	0	2	0	1	0	5	4	4
RANUNCULUS	0	0	0	0	0	0	0	1	0	0
MENTHA-T	0	0	0	0	0	0	0	0	0	0
GENISTA-T	0	0	0	0	0	0	0	0	0	0
DROSERA	0	0	0	0	0	0	0	0	0	0
CANNABACEAE	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	0	0	0	0	0	0	0	0	0
STELLARIA-T	0	0	0	0	0	0	0	0	0	0
MERCURIALIS-T	1	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	1	0
SENECIO-T	0	0	0	0	0	0	0	0	0	0
RUMEX	0	1	2	1	0	0	0	0	0	0
MELAMPYRUM	1	12	28	31	33	28	1	4	7	9
CRUCIFERAE	0	0	1	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	0	0	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0
EPILOBIUM	0	0	0	0	0	0	0	0	0	0
MENYANTHES	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	0	4	13	9	8	7	1	3	14	10
POLYPODIUM	4	3	4	1	0	0	3	4	3	4
FILICALES	18	16	36	18	17	20	35	32	41	38
SPHAGNUM	41	32	36	12	22	16	16	22	16	20
LYCOPODIUM	131	88	71	101	67	110	204	186	180	196

NORTH GILL 7 (D2) POLLEN COUNTS

DEPTH	-775	-776	-777	-778	-779	-780	-781	-782	-783	-784	-785	-786	-787	-788	-789	-790	-791
BETULA	28	25	30	31	29	30	26	23	28	28	31	22	35	31	37	30	38
PINUS	5	8	9	8	8	8	11	14	8	6	5	9	10	15	17	24	19
ULMUS	40	31	34	32	31	28	34	38	37	34	31	36	39	41	31	40	36
QUERCUS	72	76	70	74	75	76	75	74	72	76	77	75	61	54	56	52	51
TILIA	5	9	7	5	7	8	4	0	5	6	6	7	5	9	6	4	6
FRAXINUS	0	1	0	0	0	0	0	0	0	0	0	1	0	0	3	0	0
FAGUS	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
ALNUS	136	140	127	184	147	154	121	110	136	174	150	128	131	161	150	148	136
CORYLUS/MYRICA	396	421	401	420	426	454	254	276	291	360	356	414	402	412	461	536	512
SALIX	7	4	2	4	1	0	1	0	1	0	4	2	7	3	7	3	11
PRUNUS	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0
SORBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
CALUNA	204	217	212	236	198	212	156	174	216	228	186	123	101	78	101	134	112
GRAMINEAE	81	90	97	102	131	144	76	82	91	100	127	195	181	198	171	92	80
CYPERACEAE	7	17	8	12	17	14	14	10	7	22	30	31	40	56	31	7	12
ROSACEAE	4	7	9	11	3	9	12	15	12	11	7	12	11	21	17	19	11
FILIPENDULA	2	1	1	0	0	0	0	0	1	0	4	0	0	0	1	1	1
POTENTILLA-T	0	1	0	0	1	2	1	1	0	4	0	6	4	2	4	2	8
RANUNCULUS	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	1	0	0	0	0	0	0	0	1	0	0	1	1	0	1	0	1
SUCCISA	1	0	0	0	0	0	0	0	0	0	0	1	0	1	4	9	4
SCABIOSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STACHYS-T	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MENTHA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ONOBRYCHIS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
VICIA SYLVATICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LATHYRUS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JASIONE	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
HYPERICUM-T	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
TRIFOLIUM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
P. LANCEOLATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUMEX	0	0	0	0	0	0	0	3	1	3	1	0	2	0	1	0	2
MELAMPYRUM	0	0	0	0	0	1	1	3	0	1	1	6	18	27	24	12	12
CIRSIIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	1
CHENOPODIACEAE	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
EPILOBIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
STELLARIA-T	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENYANTHES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	4	2	0	1	4	7	0	0	1	0	1	0	6	7	4	3	5
POLYPODIUM	7	4	1	1	5	3	1	0	4	6	4	5	3	1	6	7	5
FILICALES	18	20	12	16	20	16	12	12	20	14	16	3	17	12	14	22	21
SPHAGNUM	12	12	4	6	5	3	26	10	17	4	12	18	4	3	11	2	7
LYCOPODIUM	32	41	38	26	40	32	21	18	27	20	31	28	40	22	30	22	26

NORTH GILL 7 (D2) POLLEN COUNTS-CONTINUED

DEPTH	-792	-793	-794	-795	-796	-797	-798	-799	-800	-801	-802	-803	-804	-805	-806	-807	-808
BETULA	36	26	27	30	52	51	42	50	52	51	48	46	51	44	52	41	48
PINUS	18	7	8	10	22	27	41	24	20	27	33	36	44	36	35	40	56
ULMUS	40	40	40	36	32	29	26	31	38	28	22	30	20	28	24	37	21
QUERCUS	50	70	72	68	40	38	36	40	38	39	42	36	31	41	36	30	24
TILIA	5	7	3	6	4	3	4	3	2	5	4	2	3	1	1	2	1
FRAXINUS	0	0	0	0	0	2	1	2	0	0	1	0	1	0	2	0	0
FAGUS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALNUS	151	140	135	112	92	90	88	61	64	71	68	61	52	74	61	50	36
CORYLUS/MYRICA	502	504	516	481	502	696	810	612	574	692	836	712	786	602	574	618	624
SALIX	7	4	6	1	1	12	16	11	8	9	10	11	11	11	16	8	14
PRUNUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SORBUS	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
CRATAEGUS-T	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HEDERA	0	0	1	0	0	1	1	1	0	0	1	2	1	0	0	0	0
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	1
ERICA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1
CALLUNA	102	80	99	94	102	90	78	81	70	86	104	86	72	74	58	60	72
GRAMINEAE	86	102	138	101	106	91	88	91	80	71	48	61	58	52	34	41	36
CYPERACEAE	12	11	9	17	12	17	10	14	3	8	12	11	12	17	19	4	2
ROSACEAE	7	7	18	6	8	6	17	11	14	11	8	14	11	4	5	4	3
FILIPENDULA	0	1	0	1	0	0	0	0	1	0	1	0	0	0	1	0	0
POTENTILLA-T	3	0	2	0	4	11	0	3	1	1	1	5	2	4	0	0	0
RANUNCULUS	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0
SUCCISA	3	0	0	1	5	6	4	3	1	5	8	3	4	2	1	4	5
SCABIOSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
STACHYS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENTHA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ONOBRYCHIS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VICIA SYLVATICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
LATHYRUS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
JASIONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HYPERICUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRIFOLIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	0	0	0	0	1	0	1	1	2	0	0	0	0	0
RUMEX	0	0	1	0	0	3	4	1	1	3	4	0	0	1	0	3	1
MELAMPYRUM	8	3	3	4	14	18	30	27	20	16	14	16	14	12	18	21	16
CIRSIUM-T	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
EPILOBIUM	1	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1
CRUCIFERAE	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0
URTICA	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
STELLARIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENYANTHES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	4	1	3	4	5	11	9	7	12	10	11	14	10	6	4	5	9
POLYPODIUM	5	2	1	4	1	1	0	4	3	4	6	7	1	4	0	1	2
FILICALES	29	21	24	31	36	61	70	47	60	60	70	51	94	62	44	28	40
SPHAGNUM	12	10	9	7	26	36	52	38	46	51	72	47	52	40	38	11	30
LYCOPODIUM	24	36	39	40	24	17	26	28	36	40	34	27	21	41	28	37	26

NORTH GILL 7 (D2) POLLEN COUNTS-CONTINUED

DEPTH	-809	-810	-811	-812	-813	-814	-815	-816	-817	-818	-819	-820	-821	-822	-823	-824	-825	-826	-827	-828
BETULA	46	48	46	48	45	54	49	50	48	46	41	36	37	38	31	28	29	26	32	29
PINUS	41	33	31	30	21	14	17	20	14	26	27	32	17	14	12	10	11	9	8	9
ULMUS	31	30	33	32	34	24	32	30	35	30	35	35	27	25	31	31	28	31	36	34
QUERCUS	32	36	40	36	49	58	52	50	51	44	45	47	69	70	71	70	72	74	70	71
TILIA	0	3	0	2	1	0	0	0	2	4	2	0	0	3	5	9	9	10	4	7
FRAXINUS	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
FAGUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
ALNUS	41	105	80	72	80	68	72	82	80	56	56	92	72	70	77	80	92	80	81	92
CORYLUS/MYRICA	680	708	676	658	590	648	561	614	601	510	551	540	612	685	512	470	420	417	431	426
SALIX	17	9	12	13	8	19	11	14	17	8	6	4	6	10	11	16	10	11	8	10
PRUNUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SORBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
CALLUNA	80	93	94	89	90	90	81	78	81	70	86	94	124	155	127	115	102	107	117	126
GRAMINEAE	37	18	31	46	51	44	50	94	86	78	66	68	112	104	90	85	71	81	90	84
CYPERACEAE	12	4	16	5	7	4	14	12	10	9	11	10	16	14	17	10	8	11	17	12
ROSACEAE	4	11	7	4	5	3	3	14	12	10	8	8	2	1	7	3	2	7	2	4
FILIPENDULA	0	0	0	1	0	1	0	0	0	0	0	0	0	3	0	0	0	0	0	0
POTENTILLA-T	5	1	6	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	2	0
RANUNCULUS	2	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
THALICTRUM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	5	5	6	4	1	0	0	1	0	1	0	0	0	3	1	0	0	0	0	0
SCABIOSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STACHYS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENTHA-T	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
GALIUM-T	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ONOBRYCHIS-T	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
VICIA SYLVATICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LATHYRUS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JASIONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HYPERICUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRIFOLIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P. LANCEOLATA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUMEX	4	1	2	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
MELAMPYRUM	22	26	18	8	2	1	1	3	4	11	14	12	1	1	0	1	0	0	1	0
CIRSIUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILOBIUM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELLARIA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
MENYANTHES	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
PTERIDIUM	11	9	11	3	4	9	6	3	2	6	5	6	1	3	4	8	4	4	2	1
POLYODIUM	1	2	4	3	7	2	4	4	3	5	2	1	2	1	4	5	4	5	8	4
FILICALES	63	61	47	56	37	74	61	44	38	22	27	28	27	40	37	25	17	16	17	16
SPHAGNUM	40	60	61	42	41	50	34	40	36	38	41	30	31	25	31	40	32	21	40	32
LYCOPODIUM	32	27	35	34	42	28	31	24	27	28	31	22	28	25	29	25	30	36	27	40

NORTH GILL 8

POLLEN COUNTS

DEPTH	-62	-64	-66	-68	-69	-70	-71	-72	-73	-74	-75	-76	-77	-78	-79	-80	-81
BETULA	47	29	31	31	27	34	14	35	23	31	26	25	21	25	21	15	24
PINUS	8	4	7	7	4	1	8	7	1	3	2	2	3	5	2	2	3
ULMUS	20	13	10	14	6	11	14	18	23	30	32	26	39	42	26	25	31
QUERCUS	64	83	86	88	105	89	100	73	89	74	79	90	80	68	83	95	74
TILIA	7	4	11	4	2	7	8	8	9	9	7	4	6	8	14	12	11
FRAXINUS	4	16	4	6	6	8	6	9	5	3	4	3	1	2	4	1	7
FAGUS	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALNUS	156	159	145	94	140	95	50	102	88	100	154	84	91	172	161	173	104
CORYLUS/MYRICA	357	284	243	273	244	247	134	300	165	211	300	169	173	186	287	212	189
SALIX	2	3	1	5	4	3	1	3	1	4	5	9	4	3	3	0	4
LONICERA	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0
HEDERA	0	1	0	0	0	1	0	0	0	0	1	0	1	1	0	0	1
PRUNUS	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
SORBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	0	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	0
CALLUNA	119	142	131	81	114	93	52	112	35	28	16	26	20	10	21	15	20
GRAMINEAE	21	28	32	15	11	14	8	27	39	247	113	79	96	132	47	61	119
CYPERACEAE	53	34	48	28	31	26	28	32	16	16	5	5	10	4	2	6	5
CEREALES	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSACEAE	1	5	5	4	4	1	1	7	2	4	0	2	7	10	7	8	4
FILIPENDULA	0	1	0	0	1	0	0	0	0	4	1	1	0	0	2	0	0
POTENTILLA-T	0	0	0	0	0	1	0	1	0	3	2	4	4	7	0	1	10
RANUNCULUS	0	1	3	3	0	5	0	7	0	1	3	6	5	7	4	5	5
THALICTRUM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MENTHA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GALIUM-T	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
SUCCISA	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0
SENECIO-T	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
CHENOPODIACEAE	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
RUMEX	2	1	2	1	1	3	2	1	0	4	1	2	9	8	15	4	12
MELAMPYRUM	0	0	0	1	0	0	0	0	1	2	1	0	0	0	0	1	0
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLANTAGO LANCEOL	0	1	3	1	3	0	0	1	0	0	0	0	0	0	0	0	0
PLANTAGO MAJOR-M	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0
POTAMOGETON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TYPHA ANGUSTIFOL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	7	11	17	11	4	7	3	5	2	4	3	3	3	2	0	2	4
POLYPODIUM	2	3	0	2	1	3	1	4	1	3	7	0	2	3	4	4	3
EQUISETUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FILICALES	4	12	6	11	7	6	6	6	8	4	7	10	4	11	4	1	4
SPHAGNUM	22	101	63	356	172	94	34	32	30	61	107	327	116	63	16	41	65
LYCOPODIUM	391	518	230	280	147	234	212	1054	672	776	153	121	182	115	163	141	337

NORTH GILL 8

POLLEN COUNTS-CONTINUED

DEPTH	-82	-83	-84	-85	-86	-87	-88	-89	-90	-91	-92	-93	-94
BETULA	16	13	17	25	22	35	32	28	14	23	29	31	32
PINUS	6	3	4	5	6	9	11	12	8	10	16	12	1
ULMUS	24	22	21	27	38	29	33	34	35	32	29	27	29
QUERCUS	96	110	104	83	76	69	67	72	88	80	69	71	81
TILIA	5	2	1	9	7	7	4	4	5	5	7	8	6
FRAXINUS	3	0	3	1	1	1	3	0	0	0	0	1	1
FAGUS	0	0	0	0	0	0	0	0	0	0	0	0	0
ALNUS	89	89	88	267	322	379	494	673	682	412	387	390	414
CORYLUS/MYRICA	140	110	96	233	189	165	189	214	189	147	117	141	220
SALIX	2	2	0	14	41	76	77	80	62	58	73	80	103
LONICERA	1	0	0	0	0	0	0	2	1	1	2	4	3
HEDERA	2	0	0	0	0	0	0	2	0	0	1	1	1
PRUNUS	0	0	0	0	0	1	1	0	0	0	0	0	0
SORBUS	0	0	0	0	0	1	1	0	0	0	0	0	0
ERICA-T	0	0	0	0	0	0	0	0	0	0	0	0	0
CALLUNA	12	4	7	7	12	8	14	27	22	17	13	20	14
GRAMINEAE	83	41	55	213	97	99	65	103	73	78	97	103	111
CYPERACEAE	0	3	6	7	5	6	8	15	12	11	5	11	4
CEREALES	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSACEAE	7	4	6	12	1	9	4	3	5	6	2	3	6
FILIPENDULA	0	1	0	3	3	1	3	8	0	0	6	2	4
POTENTILLA-T	3	2	3	3	2	4	3	1	0	0	2	4	1
RANUNCULUS	2	5	5	9	3	2	3	0	0	0	3	1	2
THALICTRUM	1	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	1	0	0	0	0	0	0	0	0	0	1	0	0
SILENE-T	0	0	0	0	0	0	0	0	1	0	0	0	0
URTICA	0	0	1	0	1	2	0	0	1	0	0	0	0
MENTHA-T	0	0	0	0	1	1	0	0	0	0	0	0	0
GALIAM-T	0	1	0	30	2	2	0	0	0	0	0	0	0
SUCCISA	0	0	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	0	0	0	0	0	1
ARTEMISIA	0	0	0	1	2	0	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	1	0	0	0	1	2
RUMEX	3	8	5	7	3	3	3	4	2	1	0	1	4
MELAMPYRUM	0	0	0	2	0	1	1	3	1	1	1	3	1
TARAXACUM-T	0	0	0	0	0	0	0	0	0	0	1	0	0
PLANTAGO LANCEOL	0	0	0	0	0	0	0	0	0	0	0	0	0
PLANTAGO MAJOR-M	0	0	0	0	0	0	0	0	0	0	0	0	0
POTAMOGETON	0	1	0	1	0	1	0	0	0	0	0	0	0
TYPHA ANGUSTIFOL	0	0	0	1	0	0	0	0	0	0	0	0	0
PTERIDIUM	4	4	0	4	3	2	8	3	2	3	6	8	9
POLYPODIUM	4	2	2	11	3	4	3	9	2	7	5	4	6
EQUISETUM	0	0	0	2	4	1	0	0	0	0	1	0	0
FILICALES	11	8	10	22	16	28	31	40	24	14	23	26	26
SPHAGNUM	76	9	8	3	5	8	1	7	1	4	4	8	3
LYCOPODIUM	205	201	100	269	834	117	156	186	129	142	154	180	161

NORTH GILL 9

POLLEN COUNTS

DEPTH	-63	-64	-65	-66	-67	-68	-69	-70	-71	-72	-73	-74	-75	-76	-77	-78	-79
BETULA	34	31	24	35	28	25	31	24	41	36	35	31	32	30	32	41	43
PINUS	1	1	1	3	7	1	3	4	4	2	5	6	5	5	5	10	7
ULMUS	17	12	14	7	5	14	19	20	22	24	28	34	28	28	26	35	34
QUERCUS	88	91	96	91	95	100	84	90	72	80	78	75	75	82	84	80	78
TILIA	8	10	11	10	11	3	6	9	9	8	4	4	6	5	2	2	5
FRAXINUS	2	4	4	4	4	7	7	3	2	0	0	0	4	0	1	2	3
FAGUS	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALNUS	128	116	141	127	153	95	128	123	87	82	97	106	100	87	96	89	101
CORYLUS/MYRICA	241	213	199	212	354	233	232	173	181	160	172	187	191	227	215	177	155
SALIS	2	1	4	1	2	0	1	1	5	1	3	3	6	12	3	0	4
PRUNUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
SORBUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
LONICERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
HEDERA	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALLUNA	18	27	4	26	14	12	201	16	9	18	11	10	9	17	10	4	8
GRAMINEAE	106	118	112	147	201	102	289	147	136	112	102	141	162	112	116	62	67
CYPERACEAE	19	11	13	18	36	40	26	48	36	14	8	12	27	7	14	17	23
ROSACEAE	2	1	1	1	2	0	2	3	4	3	1	1	2	1	5	7	4
FILIPENDULA	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	1	2
POTENTILLA-T	0	1	0	0	1	0	8	2	0	2	1	1	5	1	3	0	6
RUBUS CHAMAEMORU	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
RANUNCULUS	0	2	0	1	2	1	0	1	2	0	0	1	1	0	0	0	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SUCCISA	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0
UMBELLIFERAE	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURIALIS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VICIA SYLVATICA-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOTUS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
MELAMPYRUM	0	0	0	0	2	0	1	1	3	1	0	0	1	1	3	2	2
PLANTAGO LANCEOL	1	1	3	7	14	0	0	0	0	0	0	0	0	0	0	0	0
RUMEX	0	0	1	1	0	2	1	0	0	1	0	0	1	0	0	0	0
PLANTAGO CORONOP	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLANTAGO MAJOR-M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENTHA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	3	4	8	18	10	3	6	2	3	1	1	2	2	1	3	1	7
POLYPODIUM	2	1	3	4	3	0	4	2	0	0	0	0	2	0	0	2	1
EQUISETUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FILICALES	7	6	2	3	2	0	8	6	2	1	18	18	4	11	11	19	12
SPHAGNUM	81	31	18	41	60	87	35	33	55	12	42	94	273	6	7	157	67

NORTH GILL 9

POLLEN COUNTS--CONTINUED

DEPTH	-80	-81	-82	-83	-84	-85	-86	-87	-88	-89	-90	-91	-92	-93	-94	-95	-96	-97	-98
BETULA	55	40	47	71	50	57	59	43	42	54	44	54	66	67	69	65	61	67	69
PINUS	25	21	20	22	21	16	14	9	17	9	32	21	26	24	25	25	30	24	32
ULMUS	30	28	21	23	20	34	31	30	29	30	28	27	29	32	29	30	28	28	28
QUERCUS	38	55	60	34	58	39	42	61	57	54	44	45	29	31	27	29	29	31	21
TILIA	2	3	2	0	1	3	4	5	3	3	0	2	0	0	0	0	2	0	0
FRAXINUS	0	3	0	0	0	1	0	2	2	0	2	1	0	0	0	1	0	0	0
FAGUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALNUS	64	69	60	76	78	57	61	54	63	73	44	45	80	67	82	39	39	56	3
CORYLUS/MYRICA	305	367	233	312	265	323	301	314	301	252	378	397	276	288	312	398	451	407	689
SALIS	33	19	12	12	8	14	10	12	5	5	16	18	9	10	7	17	8	12	10
PRUNUS	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
SORBUS	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
LONICERA	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
HEDERA	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
VIBURNUM	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	0	0	0	1	0	2	0	2	0	0	0	0	0	0	0	0	0	0	1
CALLUNA	7	19	12	18	26	10	14	72	30	6	38	24	9	7	12	6	7	8	8
GRAMINEAE	68	118	66	56	40	61	64	90	87	140	64	54	100	88	82	51	81	58	24
CYPERACEAE	8	19	6	24	15	7	6	23	21	14	28	14	14	7	17	4	12	9	3
ROSACEAE	8	4	16	11	10	9	8	8	4	17	12	12	6	2	2	8	4	3	4
FILIPENDULA	4	1	2	0	1	1	2	0	2	0	0	0	0	0	1	0	1	0	0
POTENTILLA-T	2	6	3	0	1	3	4	3	1	12	4	3	2	2	1	6	7	4	3
RUBUS CHAMAEMORU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RANUNCULUS	0	2	0	0	0	0	0	0	0	2	1	0	0	0	1	0	1	3	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
URTICA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	1	1	0	0	1	0	0	0	2	0	3	0	0	1	0	1	0	1
UMBELLIFERAE	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
SILENE-T	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	1	0	0
MERCURIALIS-T	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0
VALERIANA	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
VICIA SYLVATICA-	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
LOTUS-T	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0
MELAMPYRUM	26	20	19	25	22	16	12	11	7	12	14	15	17	21	12	25	18	20	24
PLANTAGO LANCEOL	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
RUMEX	4	3	2	1	2	2	1	1	0	3	6	1	4	3	2	3	7	4	0
PLANTAGO CORONOP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
CRUCIFERAE	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
PLANTAGO MAJOR-M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
MENTHA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
PTERIDIUM	1	7	2	9	3	1	2	6	10	4	17	12	6	3	4	10	8	8	34
POLYPODIUM	1	2	2	4	0	0	1	2	1	2	0	3	0	0	0	1	1	4	0
EQUISETUM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0
FILICALES	82	18	35	105	26	49	30	10	6	39	11	15	56	18	21	63	41	21	25
SPHAGNUM	7	72	5	10	5	21	14	86	87	65	63	40	35	26	18	34	4	9	13

NORTH GILL 9A

POLLEN COUNTS

DEPTH	-890	-895	-900	-905	-910	-915	-920	-925	-930	-935	-940	-945	-950	-955	-960	-965	-970	-975	-980	-985	-990	-995	-999
BETULA	30	29	55	63	72	57	64	61	83	59	74	71	61	61	58	53	59	65	56	46	60	56	60
PINUS	1	3	31	17	22	21	24	21	15	12	16	14	13	21	11	15	21	26	29	31	28	23	22
ULMUS	26	22	26	36	22	23	24	28	25	25	23	28	32	36	39	42	31	22	27	22	27	30	25
QUERCUS	86	81	35	32	29	40	36	39	27	52	36	37	41	32	40	35	34	34	37	48	32	37	40
TILIA	4	11	3	1	5	7	2	1	0	2	1	0	3	0	2	3	5	1	1	2	2	3	3
FRAXINUS	3	4	0	1	0	2	0	0	0	0	0	0	0	0	0	2	0	1	0	1	1	1	0
FAGUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
ALNUS	96	91	32	46	52	47	58	77	40	46	36	64	82	65	71	100	75	53	49	65	61	68	72
CORYLUS/MYRICA	216	315	327	262	400	342	341	352	351	286	302	357	376	292	299	267	357	294	333	289	371	417	449
SALIX	1	3	38	2	2	7	4	3	4	4	11	7	17	11	5	8	7	15	12	6	7	9	8
PRUNUS	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	1	3	0	1	0	0	0
SORBUS	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	1	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0
LONICERA	0	0	0	4	0	0	0	0	1	1	2	0	0	0	2	1	0	0	0	0	0	0	0
HEDERA	0	0	0	1	0	0	0	0	0	1	1	1	0	1	0	1	0	1	0	0	0	0	2
VIBURNUM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
ERICA-T	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1
CALLUNA	26	20	14	10	6	4	17	11	0	10	5	9	21	8	8	9	5	8	7	19	17	8	9
GRAMINEAE	61	94	54	35	58	42	47	65	19	31	32	47	39	45	48	37	54	73	77	81	70	71	76
CYPERACEAE	21	23	18	3	4	12	12	15	4	4	2	2	2	7	3	6	6	20	13	32	25	18	31
ROSACEAE	1	1	10	4	9	2	9	11	3	17	9	14	12	5	10	8	6	13	9	16	13	23	17
FILIPENDULA	0	0	3	0	0	0	0	3	3	2	2	5	3	2	4	1	1	2	3	5	0	1	5
POTENTILLA-T	0	0	1	0	2	2	2	2	0	0	1	0	1	0	0	1	4	1	0	6	4	4	7
SANGUISORBA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
RANUNCULUS	0	0	1	1	0	0	1	1	0	0	2	1	0	2	0	1	0	4	1	1	0	4	1
VALERIANA	0	0	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
MENTHA-T	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0
GENISTA-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
SUCCISA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0
GENTIANELLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
SILENE-T	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MELAMPYRUM	0	1	36	12	10	12	12	14	5	8	12	10	6	10	12	10	11	26	20	38	44	45	50
PLANTAGO LANCEOL	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0
RUMEX	0	0	4	1	4	4	2	1	0	0	2	4	0	0	1	0	9	1	2	0	3	2	3
ARTEMISIA	0	0	0	0	3	0	2	1	0	0	0	0	0	0	1	0	1	0	0	1	1	1	0
CIRSIIUM-T	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
P. MAJOR-MEDIA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
TYPHA ANGUSTIFOL	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	2	3	7	0	3	4	2	6	0	0	0	1	0	1	0	2	1	6	2	11	5	3	14
POLYPODIUM	6	2	1	0	0	3	2	2	1	4	1	2	4	4	3	1	2	0	4	1	1	1	1
FILICALES	6	7	85	37	21	17	41	52	11	62	37	27	16	44	9	25	29	50	44	48	55	57	71
EQUISETUM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0
SPHAGNUM	10	63	25	13	9	4	7	35	2	7	4	10	3	13	8	7	6	43	52	60	60	44	50

NORTH GILL 10

POLLEN COUNTS

DEPTH	-70	-71	-72	-73	-74	-75	-76	-77	-78	-79	-80	-81	-82	-83	-84	-85	-86
BETULA	25	27	22	24	36	24	19	24	19	18	32	24	27	37	20	29	31
PINUS	2	3	5	3	2	7	3	4	4	4	4	1	3	3	6	0	4
ULMUS	10	18	15	12	22	25	18	5	4	6	14	9	0	9	12	11	4
QUERCUS	101	85	90	94	74	79	101	105	101	109	87	109	109	95	105	99	100
TILIA	9	8	12	3	10	9	6	8	8	6	3	0	9	5	5	7	6
FRAXINUS	3	9	6	14	6	6	3	4	4	7	10	7	2	1	1	4	5
FAGUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
ALNUS	125	86	94	93	82	84	126	112	121	127	89	114	80	102	138	120	154
CORYLUS/MYRICA	312	156	181	226	317	368	196	203	246	217	287	244	305	224	277	295	349
SALIX	0	0	1	0	0	0	1	0	1	0	1	1	0	0	0	0	0
PRUNUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRATAEGUS-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ILEX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDERA	0	0	3	0	1	0	0	0	0	0	1	0	0	0	0	0	0
VIBURNUM	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
ERICA-T	0	0	1	0	0	0	0	0	0	0	1	0	3	0	4	0	1
CALLUNA	210	162	98	72	368	244	141	116	147	162	147	68	189	440	319	295	339
GRAMINEAE	3	15	9	8	10	14	12	16	16	14	23	12	19	34	32	99	45
CYPERACEAE	5	10	7	7	9	10	27	21	23	48	63	40	35	47	28	18	19
CEREBALIA	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
ROSACEAE	1	4	3	0	1	1	1	1	2	1	1	0	0	1	2	5	2
FILIPENDULA	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
POTENTILLA-T	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0
RANUNCULUS	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	1	1
THALICTRUM	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
GENTIANELLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUCCISA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANAGALLIS TENELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUMEX	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0
ARTEMISIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MELAMPYRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLANTAGO LANCEOL	0	0	2	0	3	0	0	0	1	3	0	0	2	0	0	1	0
SILENE-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SENECIO-T	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
MENYANTHES	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
PTERIDIUM	0	0	0	1	3	1	1	0	0	0	3	0	0	1	2	4	2
POLYPODIUM	4	1	2	3	7	4	1	6	2	3	3	2	4	2	3	5	5
FILICALES	7	1	8	3	4	1	4	4	6	4	4	1	7	6	10	5	3
RUMEX ACETOSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPHAGNUM	32	21	11	10	4	39	12	19	14	16	6	10	252	4	8	1	11

NORTH GILL 10

POLLEN COUNTS-CONTINUED

DEPTH	-87	-88	-89	-90	-91	-92	-93	-94	-95	-96	-97	-98	-99	-100
BETULA	35	50	27	30	35	33	25	24	22	23	23	34	26	28
PINUS	7	3	2	2	3	4	5	5	0	2	5	5	11	15
ULMUS	5	6	9	12	4	7	25	24	19	26	28	24	26	38
QUERCUS	89	79	100	99	102	93	74	77	89	81	76	82	80	67
TILIA	4	6	3	2	1	7	3	8	8	7	9	2	6	1
FRAXINUS	10	5	8	5	5	6	18	12	12	8	9	2	1	1
FAGUS	0	1	1	0	0	0	0	0	0	1	9	0	0	0
ALNUS	155	192	184	171	226	89	144	87	122	100	93	114	137	111
CORYLUS/MYRICA	389	519	367	375	472	168	264	216	287	266	222	249	292	370
SALIX	0	0	0	0	1	0	4	0	0	0	0	1	4	7
PRUNUS	0	0	0	0	0	0	1	0	0	0	0	0	1	0
CRATAEGUS-T	0	0	0	0	0	1	0	0	0	0	0	1	0	0
ILEX	0	0	0	0	0	1	0	2	0	0	0	0	0	0
HEDERA	0	0	0	1	0	0	0	0	0	0	0	0	0	0
VIBURNUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICA-T	0	0	0	1	0	0	0	0	0	0	3	0	0	0
CALLUNA	418	453	276	311	330	113	107	130	145	70	146	21	48	71
GRAMINEAE	46	21	29	26	25	9	10	2	4	12	21	86	84	92
CYPERACEAE	25	8	12	8	4	4	14	5	10	12	14	11	19	11
CEREALIA	0	0	0	0	0	2	0	0	0	0	0	0	0	1
ROSACEAE	2	0	1	0	0	0	1	1	2	1	1	14	15	8
FILIPENDULA	0	0	0	1	0	0	0	0	0	0	0	1	0	1
POTENTILLA-T	0	0	0	1	0	0	0	0	0	0	0	3	3	5
RANUNCULUS	0	0	2	0	0	1	3	0	4	1	2	0	1	0
THALICTRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENTIANELLA	0	0	0	0	0	0	0	0	0	0	0	1	0	0
SUCCISA	0	0	0	0	0	0	0	0	0	0	0	1	0	0
ANAGALLIS TENELL	0	0	0	0	0	0	0	0	0	0	1	0	0	0
RUMEX	0	0	0	0	0	1	0	0	0	0	0	0	0	0
ARTEMISIA	0	0	0	0	0	0	0	0	0	0	1	0	0	0
MELAMPYRUM	0	0	0	0	0	0	0	0	1	0	0	0	8	8
CRUCIFERAE	0	0	0	0	0	0	0	0	0	0	1	0	0	0
PLANTAGO LANCEOL	1	5	1	2	2	2	1	0	0	0	0	0	2	0
SILENE-T	0	1	0	0	0	0	0	0	0	0	0	0	0	0
CHENOPODIACEAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENECIO-T	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UMBELLIFERAE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENYANTHES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTERIDIUM	2	1	3	0	3	3	1	1	1	2	2	3	14	8
POLYPODIUM	5	4	7	1	5	3	1	3	3	2	1	1	2	1
FILICALES	2	7	2	3	1	3	4	0	1	2	3	10	15	18
RUMEX ACETOSA	0	0	0	0	0	0	1	0	0	0	0	0	0	0
SPHAGNUM	5	15	182	210	294	8	9	7	11	3	2	53	119	49