

Weeks Bay, Core IX (a.k.a Core 236), Pollen Percentages

Depth cm	1	6	13	19	25	31	38	44	50	57	63	69	75	81	88
Pinus (whole)	32.9	33.7	22.2	34.0	31.5	29.3	31.6	31.6	32.8	31.5	31.1	29.9	28.0	28.4	36.8
Pinus (halves/2)	23.1	22.9	25.3	23.6	27.7	24.9	30.3	25.0	28.5	25.6	28.1	29.4	30.0	27.6	26.8
Taxodium	12.4	12.1	12.9	11.0	14.1	14.0	12.3	11.4	13.2	13.3	12.0	10.1	11.7	13.7	10.7
Fraxinus	0.7	0.0	1.3	0.3	0.0	0.7	0.3	0.0	0.0	0.3	0.7	0.0	0.3	0.0	0.0
Quercus	9.1	9.5	11.0	11.0	8.7	9.8	7.4	8.2	7.6	9.4	10.4	11.1	11.0	12.8	10.4
Ulmus	0.0	0.3	0.3	0.0	0.3	1.0	0.0	0.3	0.3	0.0	0.0	0.3	0.3	0.0	0.0
Planera	0.7	0.0	0.0	0.3	0.0	0.3	0.0	1.3	0.3	0.0	0.0	0.3	0.0	0.0	0.7
Ostrya/Carpinus	1.0	0.3	0.6	1.6	0.0	1.0	1.0	0.6	2.0	1.6	2.0	0.7	1.0	1.0	0.3
Betula	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
Salix	0.3	0.0	0.0	0.3	0.0	0.7	0.3	0.6	0.3	0.3	0.0	0.7	0.7	0.0	0.0
Nyssa	1.0	0.6	0.0	1.0	0.0	0.7	0.3	1.3	0.7	0.3	0.7	1.3	0.7	0.3	0.3
Acer	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.0
Liquidambar	0.3	0.0	0.3	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
Juglans	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.3	0.3	0.0	0.0	0.3	0.0	0.3
Carya	0.7	1.2	0.3	0.3	0.0	0.0	0.3	0.3	0.7	0.6	0.3	0.7	1.3	1.0	0.3
Platanus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
Fagus	0.7	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Myrica	1.3	1.2	2.9	1.9	1.3	3.6	2.6	4.4	1.3	3.2	3.0	3.7	3.7	3.2	2.7
Ilex	1.0	0.6	0.6	0.3	0.6	0.7	0.3	0.6	0.0	0.6	0.3	0.3	0.3	0.3	0.7
Alnus	0.3	0.6	0.6	0.3	0.3	0.3	0.6	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Vitis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ericaceae	0.0	0.0	0.6	0.0	0.0	0.0	0.6	0.0	1.0	0.3	0.7	0.0	0.0	0.0	0.3
Gramineae	4.2	6.2	6.4	5.5	5.1	5.5	3.2	3.8	3.3	3.2	3.3	4.7	2.7	3.5	3.7
Ambrosia	3.3	4.4	2.9	4.5	2.6	2.9	3.5	2.8	2.3	3.2	2.3	1.7	1.3	1.6	0.3
Asteraceae	1.3	0.6	1.0	0.3	1.3	0.3	0.3	0.9	1.0	0.6	0.0	0.3	0.3	0.3	0.0
Cheno-Am	1.0	0.6	1.6	0.3	0.6	0.7	0.0	1.6	0.3	0.6	0.3	0.3	1.0	1.6	1.7
Polygonum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Anacardiaceae	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
Apiaceae	0.3	0.0	1.0	0.0	0.3	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0
Vigna	0.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0
Pteridophyte	0.0	0.0	1.0	0.0	0.3	0.0	0.0	0.6	0.0	0.3	0.0	0.0	0.3	0.0	0.0
Cyperaceae	2.0	1.8	2.3	0.6	2.3	2.3	1.9	1.6	1.0	1.6	1.7	2.0	1.0	1.9	2.3
Typha	0.0	0.3	1.0	0.3	0.0	0.0	0.6	0.0	1.0	0.3	0.3	0.0	0.7	0.3	0.0
Sagittaria	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Liliaceae	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nuphar	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
Indeterminable	1.3	1.2	2.3	1.3	1.6	1.0	1.3	1.3	1.0	1.6	1.3	1.3	1.7	1.3	1.0
Unknown	0.7	0.6	0.3	0.3	1.0	0.3	0.6	0.6	0.3	0.3	0.3	0.7	0.7	0.6	0.3
Forams	0.3	0.9	0.6	1.9	1.0	1.0	0.6	0.6	0.7	0.6	0.3	1.0	1.3	1.3	0.7
Upland tree sum	68.4	68.7	60.4	71.2	68.5	66.5	71.0	67.4	72.5	69.2	72.2	72.4	72.3	70.7	75.9
Upland herb sum	12.4	13.6	17.1	12.9	11.9	13.7	10.6	14.6	9.6	12.0	10.7	11.1	9.3	10.5	9.4
Wetland taxa sum	17.3	16.0	20.0	14.2	17.0	18.5	16.5	16.1	16.6	16.9	15.4	14.5	16.0	16.9	13.4

## Weeks Bay, Core IX (a)

Depth cm	94	100	106	113	119	125	138	150	163	185	198	210	225	240	255
Pinus (whole)	31.0	33.2	33.0	33.9	33.2	32.7	35.3	32.1	32.4	33.6	33.9	36.7	34.8	35.4	35.3
Pinus (halves/2)	26.3	26.8	25.6	30.2	25.5	27.5	30.1	36.1	34.9	32.9	30.2	31.0	29.1	29.3	28.1
Taxodium	12.7	14.0	14.5	12.1	13.3	12.7	11.3	11.5	9.1	9.7	10.1	10.8	11.1	12.5	10.5
Fraxinus	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	1.0	0.0	0.0
Quercus	10.1	11.1	10.4	9.7	12.4	13.0	11.0	10.2	10.1	10.7	9.7	9.8	10.8	11.1	11.4
Ulmus	0.3	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.3	0.7	0.3	0.3	0.0	0.3
Planera	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ostrya/Carpinus	0.0	0.0	0.3	0.3	0.0	0.0	0.7	0.0	0.7	0.7	0.0	0.0	0.0	1.0	0.0
Betula	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Salix	0.0	0.0	0.3	1.0	0.3	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.3	0.3
Nyssa	1.0	0.3	1.0	0.3	0.7	0.3	1.0	0.3	0.3	0.3	0.3	0.0	0.3	0.3	1.0
Acer	0.0	0.0	0.7	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Liquidambar	0.3	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Juglans	0.3	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Carya	1.3	0.0	0.7	0.7	0.0	0.0	0.3	0.0	0.0	0.7	1.0	0.3	0.7	0.0	0.0
Platanus	0.3	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Fagus	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.3	0.0	0.0
Myrica	2.9	3.3	2.0	2.3	2.6	2.3	1.0	1.3	1.7	1.3	2.3	1.3	0.0	1.0	1.9
Ilex	0.7	1.0	0.7	0.3	1.0	0.3	0.0	0.7	0.3	0.3	1.0	0.3	0.7	0.7	0.6
Alnus	0.3	0.0	0.7	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.7	0.3	0.3	0.0	0.3
Vitis	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ericaceae	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Gramineae	2.6	2.0	3.4	2.3	2.0	3.7	2.7	2.3	2.0	2.0	2.3	1.7	2.7	2.4	1.6
Ambrosia	1.3	1.6	1.3	1.0	0.3	2.3	0.3	0.7	0.3	0.3	0.3	0.3	0.7	0.7	1.3
Asteraceae	1.0	0.3	0.7	0.0	0.7	0.0	0.7	0.7	0.0	0.7	0.3	0.3	0.3	0.3	1.0
Cheno-Am	0.7	0.3	1.7	1.0	0.7	0.3	1.0	0.0	1.3	1.0	1.3	0.7	1.0	0.7	1.0
Polygonum	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Anacardiaceae	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apiaceae	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0
Vigna	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pteridophyte	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.7	0.0	0.3
Cyperaceae	2.0	1.6	1.3	1.3	1.3	1.3	0.7	1.0	1.3	0.7	1.7	0.7	1.7	1.0	1.3
Typha	0.7	1.0	0.3	0.7	0.7	0.3	1.0	0.3	0.7	0.0	1.0	1.3	0.0	1.0	1.0
Sagittaria	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
Liliaceae	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
Indeterminable	2.6	2.0	1.0	1.3	2.3	1.0	1.0	1.6	3.0	2.0	2.3	3.0	2.7	1.7	2.2
Unknown	1.0	1.3	0.3	0.3	1.6	0.7	0.7	0.3	0.7	1.7	0.7	1.0	0.3	0.3	0.3
Forams	1.3	1.3	1.7	1.0	1.0	0.7	0.7	0.7	1.3	0.7	1.0	1.3	1.4	1.0	1.6
Upland tree sum	70.3	71.1	70.0	75.2	72.0	74.0	77.7	79.0	78.1	79.2	75.5	78.1	76.0	76.8	75.5
Upland herb sum	9.1	8.8	9.8	7.0	7.5	9.3	6.0	5.6	6.1	6.0	7.7	4.7	5.4	5.7	7.3
Wetland taxa sum	17.0	16.9	18.9	16.1	16.6	15.0	14.6	13.4	12.1	11.1	13.8	13.1	15.5	15.5	14.6

## Weeks Bay, Core IX (a)

Depth cm	270	285	300	315	330	345	360	375	390	405	420	435	450	465
Pinus (whole)	33.2	30.7	27.1	32.9	36.4	33.1	32.7	33.5	30.3	31.5	30.5	34.7	35.6	34.2
Pinus (halves/2)	30.0	31.6	29.6	30.2	31.6	30.8	32.0	30.3	32.8	33.0	32.6	32.0	32.9	31.6
Taxodium	13.1	11.2	14.2	11.7	10.8	10.6	12.1	12.9	11.4	12.3	11.1	10.1	10.4	10.0
Fraxinus	0.0	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.3	0.3	0.3	0.0	0.7	0.0
Quercus	10.4	12.2	12.2	11.1	11.1	9.6	10.4	9.3	10.4	10.9	9.1	8.4	7.7	8.3
Ulmus	0.7	0.7	1.0	0.7	0.7	0.3	0.3	1.3	0.7	0.3	0.7	0.7	0.3	0.7
Planera	0.3	0.0	0.3	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.7	0.3	0.0	0.0
Ostrya/Carpinus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.3
Betula	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Salix	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Nyssa	1.0	1.0	0.3	1.0	0.3	0.7	0.0	0.3	0.7	0.7	1.3	0.7	0.0	0.7
Acer	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
Liquidambar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0
Juglans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Carya	0.3	0.0	0.0	0.3	0.3	0.3	0.0	0.3	0.3	0.0	0.3	0.3	0.3	0.7
Platanus	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.3	0.0	0.0	0.0
Fagus	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.7	0.0	0.0	0.0
Myrica	1.0	0.7	2.4	0.7	1.0	2.0	0.7	1.7	2.0	1.0	1.0	0.7	1.0	1.3
Ilex	0.7	0.3	1.0	1.0	0.3	1.0	0.3	0.3	0.7	0.7	0.7	0.7	0.7	1.0
Alnus	0.0	0.3	0.3	0.3	0.3	0.7	0.3	0.7	0.3	0.3	0.3	0.3	0.0	0.7
Vitis	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Ericaceae	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
Gramineae	1.7	2.0	2.0	1.7	0.0	2.3	2.4	1.7	1.0	1.0	1.3	1.3	1.3	2.0
Ambrosia	0.7	0.3	0.0	0.7	0.7	1.0	0.0	0.3	0.7	0.3	0.0	0.3	0.7	0.3
Asteraceae	0.3	0.3	1.4	0.7	0.7	0.7	0.7	0.7	0.7	0.3	1.0	0.7	0.3	0.3
Cheno-Am	0.7	1.7	1.0	1.0	0.7	1.3	1.0	0.3	1.0	0.7	0.7	0.7	0.7	0.3
Polygonum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Anacardiaceae	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apiaceae	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.3	0.3	0.3	0.0	0.0	0.3
Vigna	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pteridophyte	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.3	0.0	0.0
Cyperaceae	1.0	2.0	1.7	2.0	1.0	1.0	1.0	1.7	1.3	1.3	1.0	1.0	1.3	1.7
Typha	1.0	1.3	1.4	0.3	1.0	0.7	0.7	1.3	0.7	1.7	1.7	1.3	1.3	1.3
Sagittaria	0.0	0.3	0.3	0.0	0.3	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0
Liliaceae	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0
Indeterminable	2.7	2.0	3.0	2.7	1.7	2.3	2.4	2.0	2.4	2.7	3.4	4.4	3.7	3.3
Unknown	1.0	0.3	0.3	1.0	0.0	0.3	1.0	0.3	0.7	0.0	0.7	1.0	0.7	0.7
Forams	1.3	1.0	1.7	1.3	1.3	1.3	1.0	1.3	1.3	1.0	1.0	1.0	0.7	1.0
Upland tree sum	74.9	75.5	70.2	75.2	80.1	74.5	76.4	75.5	74.8	76.1	75.2	76.4	76.8	75.7
Upland herb sum	5.0	5.3	8.1	5.7	4.0	8.9	5.4	5.0	6.4	4.3	5.0	4.4	5.0	6.0
Wetland taxa sum	16.4	16.9	18.3	15.4	14.1	13.9	14.8	17.2	15.8	16.9	15.8	13.8	13.8	14.3