

## **Appendix C**

### **Macrobotanical Composition of Potential Radiocarbon Samples**

## Macrobotanical Composition of Potential Radiocarbon Samples

Sample Number	Sample Material	Associated Material	Sediment	ISM* Number	ISM Comments
01ST03; 2.67-2.70	uncarbonized bark or woody material	1 needle fragment	granular medium and coarse sand	30	
01SH13; 1.42	1 Scirpus, 2 cutgrass, and 1 Echinochloa seeds	Potamogetan seed; bits of sedge; unid. leaf frag.	fine sand	36	
01SH13; 1.85-1.86	None	none	coarse and very coarse sand	33	
01SH18; 1.25	uncarbonized, unidentified wood	none	medium sand	7	
01SH18; 1.17-1.20	uncarbonized, unidentified bark	4 Scirpus seeds, large sedge stem (?)	organic silt loam	4	much fine organic material
G1-P2; 1.05-1.20	--	--	organic silt loam	2	unneded alternate sample
01ST11; 1.90-2.00	uncarbonized Pinaceae cone fragments	3 leaves; little fine charcoal	organic and peaty silt loam	6	peaty(?)
01ST11; 1.50-1.60	--	1 Scirpus seed; unid seed frag; fruit skins; 1 uncarbonized Spruce/Larix needle; scant charcoal	organic and peaty silt loam	5	unneded alternate sample
01ST12; 1.45-1.60	unidentifiable fine charcoal fragments	uncarbonized seeds of Scirpus, Potamogeton, Sagittaria, Vaccinium, Cheno./Amaranth.; uncarbonized wood charcoal; rootlets (contamination)	organic and peaty silt loam and sand	3	organic matter
01SH10 cutbank	single large unidentified charcoal fragment		silt loam to fine sandy loam	1	
01ST02; 1.75-1.76	None	none	medium and coarse sand	32	
01ST01; 6.42-6.44	unidentified fine charcoal fragments	Pinaceae needles (Spruce / Larix)	organic, marly silt loam and peat	11	sedgy, peaty
01ST01; 6.64-6.65	uncarbonized very fine Pinaceae needles	few charcoal fragments	medium sand	15	
01ST01; 7.73-7.75	few needle fragments	sedge fragments	silt loam	17	questionable candidate (sample too small)
01SH16; 1.96-1.97	few unidentified charcoal fragments; 2 Scirpus seeds	sedgy material; Najas seeds	marly peat and peaty marl	24	questionable candidate (sample too small)
01SH16; 2.91-2.93	few unidentified fine charcoal fragments; 1 needle fragment; 1 Scirpus seed	none	peaty marl and silt loam	23	poor candidate
01SH16; 3.90-3.92	Unidentified fine charcoal and 15 Scirpus seeds		peat	26	sedgy, peaty, with sand
01SH16; 4.96-4.98	uncarbonized, unidentifiable wood, and Scirpus and Najas seeds	Uncarbonized twigs; sedge fragments; charcoal; Spruce or Larix needle fragments	peaty fine sand and loamy very fine sand	14	peaty, sedgy
01SH16; 5.51-5.52	unidentified fine charcoal	Najas seeds; fine needles	peat	10	fine organic matter
01SH16; 6.92-6.93	unidentified fine charcoal	Scirpus seeds; sedgy fragments	peaty loamy very fine and fine sand	12	sedgy peaty
01SH16; 8.14-8.16	Spurce/Larix needles	5 Scirpus seeds; unknown seeds; charcoal; Spruce cone fragments	peaty fine sand laminae	16	peaty

\* ISM = Illinois State Museum

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01SH16; 8.18-8.23	uncarbonized Spruce and Larix needles	Scirpus seeds	organic very fine sandy loam with peaty laminae	9	peaty, sedgy
01SH15; 2.70-2.72	uncarbonized twig and Spruce/Larix needles	Bryophyte fragments; Potamogetan seed; charcoal; modern(?) Scirpus seeds	peaty marl	27	sedgy, peaty
01SH15; 3.52-3.55	unidentified leaf	couple of Scirpus seeds (modern?)	marl and peaty marl	25	questionable candidate (sample too small)
01SH15; 3.55-3.57	unidentifiable fine charcoal fragments	8 Scirpus seeds; Potamogetan seed	peaty marl and silt loam	22	
01ST08; 4.91-4.95	uncarbonized, unidentified wood	needles; fine charcoal; sedge	sand	8a	
01ST09; 4.79	unidentified charcoal	none	sand	8b	
01SH03; 1.55-1.57	unidentifiable fine charcoal fragments	peat; uncarbonized woody material; Pinaceae needle fragment	peat	19	watch for fungal hyphae
01SH03; 1.61-1.70	1 unidentified fine charcoal fragment	many sedge bits	pebbly medium and coarse sand	18	sedgy; questionable candidate (sample too small, unless sedge dated)
01ST05; 3.18-3.22	uncarbonized diffuse porous wood, possibly Populus	none	peaty and marly silt loam	34	
01ST05; 3.36	single uncarbonized Spruce twig	none	peaty and marly silt loam	35	
01ST05; 3.44-3.46	uncarbonized Spruce or Larix wood	sedge	peaty fine sandy loam	31	sedgy
01ST07; 2.77	single uncarbonized twig	none	marly peat	28	
01ST07; 2.87-2.88	Spruce and Larix needles	scant charcoal; bryophyte fragments; Potamogeton seed, Scirpus seed	marly peat	20	questionable candidate (sample too small)
01ST07; 2.87-2.88	single uncarbonized piece of wood	none	marly peat	21	
01ST10; 1.92-1.93	few unidentified charcoal fragments	very fine unidentifiable organic matter	peaty fine sandy loam	13	questionable candidate (sample too small)
01ST10; 1.99-2.00	--	1 Scirpus seed; sedge bits	peaty fine sandy loam	29	

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