

North Round Pond, Pisgah State Forest
42,84514 N, 72,44730 W

September 7th, 2013

#	Species	Canopy	alive/dead	DBH	Distance	Azimuth	Plot
1	ACSA	co-Dominant	alive	27	6.0	274°	NW plot
2	BEAL	intermediate	alive	45.0	10.6m	288°	nw plot
3	FAGR	intermediate	Dead	34	16.6	274°	
4	FAGR	co-dominant	Alive	48.2	15.3	320°	
5	FAGR	co-dominant	Alive	56.4	10.9	354°	
6	FAGR	intermediate	Alive	23.9	16.3	358°	
7	ACSA	co-dominant	Alive	22.4	14.5	358°	
8	ACSA	co-dominant	Alive	33.5	29.8	358°	
9	FRAM	Dominant	Alive	36.3	29.9	318°	
10	BEAL	co-Dominant	Alive	49.7	27.6	290°	
11	FRAM	Dominant	Alive	43.7	29.9	300°	
12	ACSA	co-dominant	Alive	18.5	7.0	256°	
13	FAGR	intermediate	Alive	13.5	9.5	252°	
14	FAGR	intermediate	Alive	18.5	5.2m	208°	
15	ACSA	Suppressed	Alive	11.5	9.4	220°	
16	FAGR	Dominant	Alive	57.2	12.3	232°	
17	ACSA	suppressed	Alive	14.0	12.7	204°	
18	FAGR	Dominant	Alive	62.0	16.4	240°	
19	FAGR	intermediate	Alive	22.6	13.8	196°	
20	FAGR	Dominant	Alive	61.3	20.8	198°	
21	FRAM	Dominant	Alive	39.5	20.3	250°	
22	BEAL	co-dominant	Alive	35.1	23.5	260°	
23	FAGR	Dominant	Alive	58.5	28.5	240°	
24	FAGR	intermediate	Alive	31.5	26.6	218°	
25	ACSA	Suppressed	Alive	14.2	4.0	188°	
26	ACSA	intermediate	alive	24.3	7.8	150°	
27	ACSA	intermediate	alive	18.3	7.0m	128°	
28	ACSA	intermediate	alive	24.1	10.2	102°	
29	FAGR	suppressed	alive	20.7	12.9	144°	
30	ACRU	Dominant	alive	44.8	13.0	130°	
31	ACSA	dominant?	dead	35.7	15.0	170°	
32	FAGR	suppressed	alive	25.7	17.9	148°	
33	FAGR	Dominant	alive	43.3	22.2	112°	
34	FAGR	intermediate?	dead	34.5	26.3	124°	
35	ACRU?	co-dominant	alive	49.5	54.2	128°	
36	ACRU	co-dominant	alive	33.2	39.2	150°	
37	FAGR	intermediate	alive	41.5	23.3	178°	
38	FAGR	dominant	alive	55.7	27.9	174°	
39	FAGR	co-dominant	alive	30.0	27.5	170°	

#	Species	Category	alive/dead	DBH	Distance	Azimuth	Plot
40	FAGR	co-dominant	alive	35.2	166° →	26.7	
41	FAGR	Suppressed	alive	11.2	2.9	78°	
42	FAGR	dominant	dead	70.0	4.0	76°	
43	ASCA	intermediate	alive	20.8	8.4	62°	
44	FAGR	intermediate	alive	18.8	5.2	20°	
45	ASCA	co-dominant	alive	34.9	8.5	16°	
46	FAGR	intermediate	alive	33.0	11.9	88°	
47	FAGR	suppressed	alive	27.8	13.4	88°	
48	FAGR	dominant?	dead	44.5	12.2	50°	
49	FAGR	co-dominant	alive	21.4	17.7	2°	
50	BEAR	co-dominant	alive	43.5	15.3	20°	
51	FAGR	Dominant	dead	56.4	26.4	20°	
52	FAGR	co-dominant	alive	43.2	19.5	86°	
53	BEAL	intermediate	alive	40.0	24.70	40°	
54	BEAL	co-dominant	alive	45.7	26.5	54°	

Deadwood

Species	DBH	Decay	Distance	Length	Orientation	Comment
Transect	1 - 0°				*	
Broadleaf	50.0	5	0	9.8m		
FAGR	6.0	2				
FAGR	5.5	2				
FAGR	3.0	3				
FAGR	3.0	2				
FAGR	13.0	2	10m from center	1m	⊥	
Transect 2 - 90°						
Broadleaf	45.0	5	0 from center			Same as list above
FAGR	4.0	3				
FAGR	3.0	3				
FAGR	3.0	3				
FAGR	4.1	3				
FAGR	19.5	3	4.3 from center	2.9	⊥	
FAGR	3.2					
FAGR	3.0	3				
Transect 3 - 180°						
FAGR	3.0	2				
FAGR	4.8	3				
FAGR	2.5	3				

- Tree # 2 - rotten
- Tree # 5 - dying back
- Trees 3-6 all have beech bark disease
- Tree 6 is rotten
- Tree 8 has large scar on NE facing side & beech bark disease
- Tree 18 has really bad beech bark disease
- Tree 23 is ~~dying~~ rotten - not cored
- Tree 29 is rotten
- Tree 35 might possibly be red
- Tree 47 is rotten
- Tree 46 E was rotten in center, a twig is holding that rotten core
- Tree 48 is dead & rotten, not cored
- Tree 51 is dead & rotten, not cored
- Tree 50 is rotten at the core

Deadwood Cont.

Transit 4-270°

Species	DBH	Decay	Distance	Length	Orientation	Comments
FAGR	3.4	2.0				
FAGR	8.0	4.0				
FAGR	2.5	2				
FAGR	2.6	2				

NE Plot

Species	DBH	Comments
FAGR	4.7	
FAGR	7.8	
FAGR	5.4	
BEAL	5.8	dead
FAGR	5.8	
FAGR	5.4	

Understory - NRPI

NW plot			SW plot			SE plot		
Species	DBH	Comments	Species	DBH	Comments	Species	DBH	Comments
FAGR	8.0		FAGR	5.0		FAGR	3.4	
FAGR	2.7		FAGR	2.5		FAGR	5.4	dead
FAGR	3.1		FAGR	2.5		FAGR	9.3	
ASCA	9.9		FAGR	4.6		FAGR	9.0	
FAGR	6.7		FAGR	3.4		FAGR		
FAGR	6.5		FAGR	8.4	Dead			

Plot NRP 2 42.84771 N, 72.44750 W

9/8/13

#	Species	Canopy	alive/dead	DBH	Distance	Asymeth	
1	BEAL FAGR	co-dominant	alive	51.3	23.7	42°	✓
2	FAGR	intermediate	alive	21.0	9.2	309°	(P) ✓
3	FRAM	co-dominant	alive	40.8	9.2 20.6	30°	✓
4	ACSA	Dominant	alive	73.3	16.5	26°	✓
5	FAGR	Suppressed	alive	14.4	10.9	78°	✓
6	BEAL FAGR	Dominant	alive	51.4	15.6	57°	✓
7	FAGR	co-dominant	alive	53.1	21.3	51°	✓
8	FRAM	co-dominant	alive	51.9	25.6	8°	✓
9	PRSE	co-dominant	alive	65.6	24.4	84°	✓
10	ACSA	intermediate	alive	21.4	17.5	70°	✓
SE Plot							
11	FAGR	suppressed	alive	13.9	7.4	92°	✓
12	BEAL	dominant	alive	54.8	7.6	124°	✓
13	ACSA	intermediate	alive	14.9	6.6	138°	✓
14	FRAM	Super dom	alive	47.1	8.3	172°	
15	ACSA	Dominant	alive	62.2	10.6	175°	✓
16	FRAM	Super dom	alive	50.2	11.8	148°	
17	ACSA	intermediate	alive	83.5	15.5	162°	○
18	FRAM	Super dom	alive	53.0	19.1	148°	
19	FRAM	Dominant	alive	36.2	19.9	134°	
20	FRAM	Super dom	alive	43.0	25.0	150°	
21	FRAM	Dominant	alive	63.4	21.4	12°	
22	FRAM	Dominant	alive	49.8	49.8 28.4	130°	
23	FRAM	Dominant	alive	43.2	43.2	140°	
23	FRAM S	Dominant	alive	43.8	22.0	164°	
24	BEAL	intermediate	alive	46.5	28.9	170°	○
25	FAGR	intermediate	alive	42.9	27.2	176°	✓
26	FRAM	Super dom	alive	67.5	29.0	178°	
SW Plot							
✓ 27	TSCA	intermediate	alive	52.0	12.6	210°	○ rotten
✓ 28	FRAM	Dominant	alive	57.5	17.9	188°	
✓ 29	FRAM	Dominant	alive	35.9	35.8	212°	
✓ 30	FRAM	Dominant	alive	25.8	11.0	224°	
✓ 31	FRAM	Dominant	alive	28.6	12.0	224°	
✓ 32	FAGR	Suppressed	alive	17.0	12.3	226°	✓
✓ 33	ACSA	suppressed	dead	12.3	11.0	240°	✓
✓ 34	ACSA	intermediate	alive	25.3	12.5	252°	✓
✓ 35	FAGR	Suppressed	Alive	10.2	12.5	254°	✓
✓ 36	ACSA	Suppressed	Alive	14.7	10.5	268°	✓

#	Species	Category	alive/dead	DBH	Distance	Azimuth	
37	FRAM	super dom	almost dead	49.0	26.6	196°	
38 ✓	FRAM	Dominant	alive	48.6	24.6	210°	
39	FRAM	super dom	alive	48.7	20.9	210°	
40 ✓	FRAM	super dom	alive	47.0	29.9	198°	
41 ✓	FRAM	super dom	alive	75.6	14.9	220°	
42 ✓	FRAM	super dom	72.5 alive	72.5	26.1	220°	
43	BEAL	Intermediate	alive	48.0	24.6	254°	1 ✓
<u>NW Plot</u>							
44 ✓	FAGR	suppressed	alive	15.8	5.0	308°	1 ✓
45 ✓	FAGR	super dominant	dead	72.0	8.9	308°	⊙
46 ✓	FAGR	intermediate	alive	36.8	11.5	366°	1 ✓
47 ✓	FAGR	intermediate	alive	45.8	13.0	358°	1 ✓
48 ✓	FRAM	Dominant	alive	41.3	21.3	345°	
49	FRAM	Dominant	alive	26.3			
49 ✓	FRAM	Dominant	alive	452.3	21.0	328°	
50 ✓	FAGR	Dominant	Dead	62.0	25.3	334°	1 ✓
x 51	FAGR	A Dominant	Alive	49.9	26.0	320°	⊙ rotten
x 52	FAGR	Intermediate	Alive	32.8	16.0	302°	1 ✓
x 53	FRAM	Dominant	Alive	60.1	60.2	309°	
x 54	FRAM	super dom	Alive	51.8	22.2	298°	314°
55	FAGR	intermediate	Alive	38.3	19.6	284°	298° 1 ✓
56	FRAM	super dom	Alive	55.0	23.7	278°	284°
57	FRAM	intermediate	Alive	57.5	28.5	286°	278°
58	FRAM	super dom	Alive	41.4	28.6		286°
59	BEAL	intermediate	Alive	47.3			

In SW plot

~~59 ASCA intermediate dead 24.0 20.2 260°~~

NRP2 Notes

General note - plot is wetter & flatter than NRP1

Tree #4 - only one core taken

Tree #9 - Only one core

Tree #8 - only one core

Tree #6 - only one core

Tree #10 - 20 cores

Tree #18 - only 2 cores, too rotten

★ Above 13m single core unless otherwise stated

Tree 31 almost dead

Tree 27 is rotten

Tree 45 is very rotten - only 1 core taken

Tree 48 & 49 share a stem

Tree 51 is rotten

Understory

NE plot

Species	DBH	Comments
FAGR	4.2	
ACSA	8.8	

SW Plot

Species	DBH	Comments
ASCA	8.5	
FAGR	2.9	

NW plot

Species	DBH	Comments
FAGR	6.4	

SE Plot

~~FAGR~~ DF

Species	DBH	Comments
FAGR	8.5	
FA GR	8.5	

Deadwood

Transect 1 - 0°

Species	DBH	Decay	Distance	Length	Orientation	Comment
PAGR	5.7	3				
PAGR	6.0	3				
PAGR	5.0	4				
PAGR	4.0	4				
PAGR	12.2	3	6m from center	30cm	+	
Broadleaf	5.5	5				

Transect 2 - 90°

BEAL	6.2	5	8.5 from center			
BEAL	20.2	4	8.6 from center	3.7 m	#	
PAGR	4.4	3				

Transect 3 - 180°

PAGR	9.9	4				
FRAM	10.1	3	4.1 from center	2.0m		
Broadleaf	8.0	5				
Broadleaf	3.0	4				
Unknown	31.6	5	13 from center	1m		

Transect 4 - 270°

PAGR	6.0	4				
PAGR	8.0	4				
PAGR	9.8	4				
PAGR	3.2	4				
PAGR	3.2	4				
ACSA	3.6	1				
ACSA	2.6	1				
FRAM	3.6	1				
FRAM	5.2	3				
ACSA	4.0	1				

GPS 42.84417N, 72.44976W / Elev: 365m DAB, NP, CL, JMF, MAB, DO, Aubrey,
 +/- 1km North Round Pond (NRP), Plot 3 9/29/2014 16.5m PVC pipe DOM, CO-DOM, INT, SUP

Tree	Spd	Canopy	Live/Dead	DBH	Distance	Az.	Notes
1 W,S	TSCA	Dom	Live	66.4	5.0	232°	
2 S	TSCA	Co-dom	Live	40.2	8.0	224°	
3 S-N	TSCA	Sup	Live	16.0	9.7	190°	tip-up mound
4 S,E	BELE	—	Dead	24.5	10.3	194°	rotten snag
5 —	BELE	—	Dead	18.3	10	196°	snag
6 S-N	FAGR	Int.	Live	13.0	10.1	218°	
7 S-N	TSCA	Int.	Live	13.7	12.0	191°	Tip-Up
8 S-N	BELE	Int	Live	13.0	11.4	202°	tip-up
9 E,W	TSCA	Co-dom	Live	42.5	13.9	230°	rotten large scar facing comb
10 S-N	TSCA	Co-dom	Live	28.5	14.1	232°	tip-up
11 S,N	TSCA	Co-dom	Live	44.2	13.9	240°	
12 W,S	QURU	Co-dom	Live	51.5	12.0	252°	loved 1/2 m - 3/4 m above ground
13 N,E	ACRU	Co-dom	Live	22.7	17.1	250°	
14 E-W	ACRU	Co-dom	Live	32.8	20.4	238°	
15 —	TSCA	—	Dead (snag)	70.2	16.7	228°	snag
16 E-W	ACRU	Co-dom	Live	21.2	16.2	188°	
17 N-S	BELE	Co-dom	Live	24.4	19.1	206°	
18 E,W	QURU	Co-dom	Live	45.3	24.7	242°	
19 N,S	TSCA	Dom	Live	61.0	28.6	260°	
20	PIST	Snag	Dead	□	25.4	250°	
21 N-W,W	PIST	Snag	Dead	50.8	24.7	216°	outside w. rot but inside ok for the core
22	QURU	Co-dom	Live	54.0	3.6	318°	
23 S-N	TSCA	Supp	Live	13.0	4.1	316°	
24 N,S	QURU	Co-dom	Live	51.7	7.6	284°	
25	ACRU	—	Dead-snag	22.0	7.2	320°	snag
26	PIST	Dom	Live	48.8	10.4	320°	unhealthy crown
27 S,E	FAGR	Int	Live	12.4	8.4	336°	
28 S,E	ACRU	Int	Live	15.3	12.9	350°	wound on west side & rotten
29 N,W	QURU	—	Dead	50.4	15.6	330°	Snag, very rotten
30 N,W	BELE	Co-dom	Live	30.2	18.7	344°	rotten center
31 N,S	QURU	Dom	Live	61.0	20.0	336°	
32	TSCA	Co-dom	Live	72.2	24.1	336°	
33	PIST	Int	Live	27.7	17.3	330°	
34	TSCA	Dom	Live	58.1	15.0	300°	rotten
35	TSCA	Co-dom	Live	52.0	20.5	288°	
36 S,W	TSCA	Co-dom	Live	68.7	20.3	280°	
37 S	TSCA	Co-dom	Live	63.5	26.7	279°	* 1 straw w/o mark? only old mark
38	TSCA	Co-dom	Live	32.6	28.8	274°	
39 S,N	ACRU	Co-dom	Live	30.0	28.6	284°	

TREE	SPP	Canopy	Live/Dead	DBH	Dist.	Az.	Notes
40 no core	FAGR	was co-dom?	Dead/snag	35.0	22.6	310°	Beech bark dks snag
41 S-N	ACRU	Co-dom	Live	26.5	4.5	16°	
42 E,E	ACRU	Co-dom	Live	24.6	6.3	68°	2 cores from E - one below trust
43 E-W	FAGR	Supp.	Live	10.7	3.4	68°	
44 N,S	TSCA	Co-dom	Live	48.7	9.5	36°	
45 N,S	TSCA	Supp	Live	18.4	10.9	36°	
46	TSCA	Dom	Live	58.2	11.9	33°	kind of rotten in middle
47 N-S	TSCA	Int	Live	30.2	11.9	30°	
48	QURV	Co-dom	Live	57.3	11.0	2°	
49 W,N	TSCA	Co-dom	Live	52.4	12.7	42°	
50 N,S	TSCA	Dom	Live	47.8	15.8	48°	
51 E-W	FAGR	Co-dom	Live	21.6	15.5	62°	tip-up
52 E,N	TSCA	Co-dom	Live	29.8	10.9	86°	
53 N,E,S	TSCA	Co-dom	Live	45.9	17.8	64°	
54 N,S	TSCA	Co-dom	Live	38.1	20.6	64°	
55	FAGR	Co-dom	Live	37.1	24.2	82°	rotten core - some part
56	TSCA	Co-dom	Live	39.6	26.6	84°	
57 N,E	TSCA	Co-dom	Live	51.2	24.3	50°	
58 W,S	QURV	Co-dom	Live	53.1	22.4	48°	
59 S,E	PIST.	Dom	Live	59.8	28.8	2°	nice black cherry outside 2 rotten
60	ACRU	Dom	Live	30.2	24.9	16°	
61 N,W	TSCA	Co-dom	Live	41.0	3.1	170°	
62 S,E	TSCA	Co-dom	Live	50.1	5.8	124°	
63 S-N	FAGR	Co-dom	Live	15.8	8.2	170° ✓	2 tip-ups
64 N-S	BELE	Co-dom	Live	16.4	9.0	174°	tip-up
65 E,W	BELE	Co-dom	Live	19.5	9.2	172°	tip-up
66	BELE	Co-dom	Live	13.7 13.7	10.6	160°	tip-up ⁱⁿ the pit
67 E-W	TSCA	Sup	Live	13.3	10.5	172°	tip-up
68 E-W	BELE	Sup	Live	14.3	10.8	172°	tip-up
69	BELE	Sup	Live	10.4	112.0	168°	tip-up
70 E-W	TSCA	Sup	Live	10.4	12.9	168°	tip-up ^{of other trees}
71 N-S	BELE	Co-dom	Live	24.2	18.9	179°	tip-up
72 N-S	QURV	Co-dom	Live	24.0	18.9	164°	tip-up
73 E-W	QURV	Co-dom	Live	26.9	18.9	160°	tip-up
74	BELE	*prob. suppressed	Dead/snag	16.8	11.2	158°	
75 E-W	FAGR	Co-dom	Live	13.0	12.6	144°	
76	BEPA	co-dom	Live	16.1	11.3	142°	
77 No core	TSCA?	—	Dead/snag	□	13.0	136°	
78 N-S	BELE	co-dom	Live	14.7	12.4	130°	
79 N-S	BELE	int	Live	10.0	11.8	129°	

pipe - 10.7 m @ 310°

TREE	SPP	CANOPY	LIVE/DEAD	DBH	DIST	Az.	Notes
80	BELE	CO-DOM	LIVE	12.5	9.8	112°	
81 N-S	TSCA	CO-DOM	LIVE	37.1	11.5	98°	
82 E-W	TSCA	CO-DOM	LIVE	21.7	12	92°	
83 No ^{cut}	BELE	CO-DOM? ^{sneag}	DEAD	31.6	14.1	91°	
84 N-S	TSCA	CO-DOM	LIVE	39.5	13.6	108°	
85 E, W	TSCA	CO-DOM	LIVE	51.2	17.9	106°	1 reiteration mostly dead
86 S, E	TSCA	CO-DOM	LIVE	45.4	22.9	98°	
87 N-S	ACRU	CO-DOM	LIVE	31.8	20.5	122°	
88 N-S	BELE	CO-DOM	LIVE	21.1	17.9	120°	

DWD

top from sneag

#	Spp	Length	Docay	DBH	Dist. ^{sneag}	Az.	Opnt.
89	BELE	3.0	4	11.4	7.5 from BELE	201	354
90	Conifer	10.5	5	31.2	9.8	190	321
91	TSCA	6.0	5	15.3	9.3	174	292
92	TSCA	8.8	5	25.2	11.6	190	316
93	Conifer	10.1	5	21.2	12.5	197	300
94	Conifer	9.2	5	25.0	19.1	204	19
95	Conifer	6.5	5	24.2	16.3	190	280
96	Conifer	5.2	5	32.3	16.2	176	134
97	Conifer	6.0	5	36.9	18.7	180	314
98	Conifer	3.1	5 → soil	40.3	19.5	184	262
99	Conifer	4.5	5 5	35.8	23.2	199	134
100	TSCA Conifer	2.0	5	49.4	22.4	227	168/stump
101	+ TSCA	10.0	4	38.9 38.9	18.4	222	13
102	PIST	13.5	3	61.9	25.7	248	34
103	QURU	7.4	4	36.1	26.3	270	186
104	Conifer TSCA	15.0	5	36.7 stem	29.1	279	182
105	Conifer	8.0	5 → soil	34.8	23.6	298	210
106	FAGR	11.9	2	37.3	23.9	298	295
107	QURU	9.7	2	38.6	17.0	315	260
108	QURU	14.5	5	33.8	7.8	290	286
109	ACRU	11.1	5	16.2	8.1	301	268
110	Conifer	11.0	5	31.5	6.4	37	318
111	Conifer	9.8	5	32.1	9.6	37	306
112	BELE	7.6	3	12.3	4.6	38	126
113	PIST	10.2	5	55.4	18.3	60	78
114	TSCA	11.5	5	26.1	17.0	65	120
115	Conifer	-	5	-	23	60	stump

#	Sp	Length	Delay	DBH	Dist	Ht	Orient
116	TSCA	7.7	5	34.2	24.5	49	316
117	TSCA?	5.2	5	42.6	17.7	77	357
118	Conifer	2.5	5	38.7	18.4	77	39
119	^{from} ^{study} BELG	11.0	4	28.4	13.4	77	355
120	Conifer	4.8	5	37.0	21.0	79	231
121	Conifer	4.2	5	64.1	18.3	88	303
122	PIST	7.3	5	32.6	18.7	96	202
123	PBSI	5.0	5 > ancient	44.2	19.3	117	148
124	Conifer	6.0	5	42.2	14.4	113	148
125	Conifer	11.6	5	39.4	13.5	133	112
126	^{TSCA} Conifer	5	5	59.8	20	123	16
127	Conifer	18.9	5	46.1	23.4	126	314
128	Conifer	-	5	66.3	22.3	122	stump
129	Conifer	7.5	5 ⁺	51.6	27.0	134	70
130	Conifer	7.3	5 ⁺	61.0	25.5	117	229
131	Conifer	16.5	5	68.7	28.3	170	80
132	Conifer	12.7	5	56.2	26.0	169	278
133	PIST	3.7	5	44.3	13.2	147	59
134	PIST	13.2	5	45.9	13.5	127	308
136	TSCA	6.7	2	16.7	6.0	102	22
137	PIST	4.4	5	57.1	12.7	98	194
138	Conifer	-	5	(66.1)	16.7	99	stump
139	Tipup	tipup	soil	-	12.8	168	285
140	T. pup	-	soil	-	10.3	165	284

has tree 69" - old - ~~30-45~~ 30-45 cm tall tipup

Legend

FAGR 5.4

FAGR 5.1

~~FAGR~~

NRA4

06/14/2015

North Round Pond, NH

PaleON

Coordinates of Plot Center: 42.84085°N, 72.45222°W

CO, Dom, INT, Supp LI, Lo, St, SN

Tree #	Species	Canopy	Status	DBH	Distance	Azimuth	Notes
1001	QURU	Dom	Li	59.5	4.00	354°	W ✓
2002	TSCA	CO	Li	40.5	3.10	76°	SN ✓
3003	QURU	CO?	SN	37.6	7.40	78°	SN ✓
4004	TSCA	CO	Li	26.5	7.80	38°	EW ✓
5005	TSCA	CO	Li	36.4	7.90	28°	EW ✓
6006	TSCA	CO	Li	34.6	8.60	360°	NS ✓
7007	TSCA	CO	Li	32.2	9.10	22°	NS ✓
8008	TSCA	CO	Li	22.5	9.20	38°	NS ✓
9009	TSCA	SUPP	Li	22.2	12.70	74°	NS ✓
10010	TSCA	INT	SN	22.8	11.70	66°	NS ^{N core incomplete} ✓
11011	TSCA	CO	Li	40.6	12.70	62°	NS ✓
12012	TSCA	CO	Li	45.7	12.70	6°	EW ^{with 014} ✓
13013	TSCA	INT	SN	20.8	14.00	16°	EW ^{outside of both rotten} ✓
14014	TSCA	CO	Li	28.0	15.70	4°	EW ✓
15015	TSCA	CO	Li	41.4	17.30	350°	EW ✓
16016	TSCA	CO	Li	45.7	18.00	358°	EW ✓
17017	TSCA	CO	Li	26.5	17.90	356°	NS ✓
18018	ACRU	CO	Li	32.5	16.2	26°	EW ^{center rotten} ✓
19019	TSCA	CO	Li	32.6	16.2	34°	NS ✓
20020	TSCA	CO	Li	39.6	17.2	54°	EW ✓
21021	FAGR	INT	Li	24.0	22.3	78°	SKIP
22022	FAGR	CO	Li	30.1	23.4	84°	EW ^{rotten} ✓
23023	FAGR		SN	23.0	24.0	84°	SKIP
24024	TSCA	SUPP	Li	20.8	24.2	76°	SKIP
25025	TSCA	Dom	Li	51.8	21.6	60°	NS ✓
26026	TSCA	CO	Li	44.0	19.4	44°	EW ✓
27027	QURU	CO	SN	49.0	19.3	42°	WE ^{rotten} ✓
28028	TSCA	CO	Li	41.0	21.3	32°	EW ✓
29029	TSCA	CO	Li	29.2	22.5	24°	SKIP
30030	ACRU	CO	SN	21.0	24.3	22°	SKIP SKIP
31031	TSCA	CO	Li	39.5	25.4	28°	NE ✓
32032	PIST	Dom	Li	78.8	26.8	32°	N(S) ✓
33033	TSCA	CO	Li	42.3	24.6	38°	W ✓
34034	TSCA	CO	Li	35.0	27.6	39°	WS ✓
35035	BEPA	CO	SN	41.3	29.8	72°	rotten
36036	QURU	CO	Li	43.9	26.9	8°	WE ✓
37037	QURU	-	St	47.9	7.6	6°	(stump)

Rite in the Rain.

Tree #	SPECIES	CORONY	Status	DBH	Distance	AZIMUTH	Notes
38 038	TSCA	CO	Li	33.4	5.0	102°	EW ✓ ^{see Note}
39 039	TSCA	CO	Li	24.5	3.6	156°	EW ✓
40 040	TSCA	SUPP	Li	10.5	4.0	148°	EW ✓
41 041	TSCA	CO	Li	24.1	6.0	132°	NS ✓
42 042	TSCA	SUPP	Li	23.5	6.9	150°	EW ✓
43 043	TSCA	SUPP	SN	12.1	10.0	146°	EW ✓
44 044	TSCA	CO	Li	40.8	10.1	142°	SN ✓
45 045	TSCA	CO	Li	36.7	12.0	126°	WE ✓
46 046	TSCA	CO	Li	23.1	12.2	126°	EW ✓
47 047	TSCA	CO	Li	31.4	10.6	120°	EW ✓
48 048	TSCA	CO	Li	30.5	12.0	112°	NS ✓ ^{with 43}
49 049	TSCA	CO	Li	48.0	10.6	108°	SN ✓
50 050	TSCA	SUPP	Li	16.2	8.7	102°	NEW
51 051	TSCA	INT	Li	29.5	9.4	90°	NS ✓
52 052	TSCA	INT	Li	25.2	13.3	90°	EW ✓
53 053	TSCA	CO	SN	44.1	17.0	98°	EW ✓
54 054	TSCA	SUPP	Li	25.7	19.1	86°	NS ✓
55 055	TSCA	CO	Li	43.7	26.4	96°	EW ✓
56 056	TSCA	CO	Li	34.8	23.6	108°	NS ✓
57 057	TSCA	CO	Li	20.9	17.9	120°	WE ✓
58 058	TSCA	CO	Li	32.5	19.8	124°	EW ✓
59 059	ACRU	CO	Li	38.1	20.4	130°	NS ✓ ^{Rotten}
60 060	QURU	CO	Li	44.5	18.6	140°	EW ✓
61 061	TSCA	CO	Li	34.0	16.4	140°	EW ✓
62 062	QURU	DOM	Li	53.0	14.9	152°	EW ✓
63 063	TSCA	CO	Li	28.5	12.6	152°	EW ✓
64 064	TSCA	INT	Li	31.2	13.9	160°	NS ✓
65 065	TSCA	CO	Li	35.8	17.6	158°	NS ✓
66 066	ACRU	INT	SN	36.0	17.9	154°	No Core
67 067	TSCA	CO	Li	47.6	25.4	152°	NS ✓
68 068	TSCA	CO	Li	36.6	29.5	162°	EW ✓
69 069	TSCA	CO	Li	34.7	22.1	146°	NS ✓
70 070	QURU	DOM	SN	66.0	28.9	96°	EW ✓ ^{Partly W}
71 071	TSCA	CO	Li	35.0	3.1	242°	NS ✓
72 072	TSCA	CO	Li	34.5	4.8	178°	NS ✓
73 073	TSCA	CO	Li	33.7	6.1	232°	EW ✓
74 074	TSCA	CO	Li	38.1	8.8	200°	EW ✓
75 075	QURU	CO	Li	44.9	10.2	194°	NS ✓ ^{Smashed top}
76 076	TSCA	INT	Li	27.9	9.0	180°	NS ✓
77 077	TSCA	CO	Li	32.5	12.7	202°	EW ✓ ^{Rotten}
78 078	TSCA	CO	Li	32.4	11.7	228°	EW ✓

* At least 2-3 cut stumps in Q3.

Tree #	Species	Canopy	Status	DBH	Distance	Azimuth	Notes
79 079	TSCA	CO	Li	32.2	15.2	222°	NS ✓
80 080	TSCA	CO	Li	38.3	17.5	222°	NS ✓
81 081	BEIA	SUPP	SN	27.0	17.0	224°	Rotten
82 082	TSCA	SUPP	Li	20.0	16.6	232°	NS ✓
83 083	QURU	CO	Li	55.0	17.6	244°	SN ^{rotten} _{solid outside}
84 084	TSCA	SUPP	Li	26.2	16.4	268°	NS ✓
85 085	QURU		SN	38.7	17.6	268°	Rotten cores
86 086	PISIT	DOM	Li	44.0	20.9	258°	EW ✓
87 087	PISIT	DOM	Li	50.9	23.5	256°	Rotten NW ✓
88 088	TSCA	CO	Li	50.7	23.6	256°	Rotten ^{TOP} _{broken}
89 089	TSCA	CO	Li	46.0	21.8	224°	NS ✓
90 090	TSCA	CO	Li	39.9	23.3	216°	EW ✓
91 091	TSCA	CO	Li	33.0	19.7	220°	NS ✓
92 092	TSCA	CO	Li	42.2	20.7	202°	EW ✓
93 093	TSCA	INT	Li	31.2	22.9	200°	EW ^{with 087} ✓
94 094	TSCA	SUPP	Li	33.0	17.7	178°	EW ✓
95 095	TSCA	CO	Li	42.2	21.4	176°	EW ✓
96 096	TSCA	CO	Li	33.3	24.1	170°	EW ✓
97 097	TSCA	CO	Li	45.8	27.3	166°	EW ✓
98 098	QURU	CO	Li	40.1	26.0	188°	NS ^{Good Red oak} _{with 092} ✓
99 099	TSCA	CO	Li	41.3	28.8	196°	NS ✓
100 100	TSCA	CO	Li	39.5	27.0	204°	EW ✓
101 101	TSCA	CO	Li	33.9	28.6	206°	EW ✓
102 102	QURU	CO	Li	50.2	29.8	212°	EW ^{Possibly from a long dead} ✓
103 104	TSCA	CO	Li	31.2	2.6	318°	EW ✓
104 105	TSCA	CO	Li	36.0	4.6	258°	EW ✓
105 106	PISIT	CO	Li	50.5	5.8	264°	NS ^{with 103} ✓
106 107	TSCA	SUPP	Li	16.5	7.7	264°	NS ✓
107 103	TSCA	SUPP	Li	12.0	9.1	264°	NS ✓
108 110	FAGR	SUPP	Li	12.7	9.3	292°	NS ^{with 107} ✓
109 134	TSCA	CO	Li	53.5	8.7	314°	EW ✓
110 143	TSCA	CO	Li	35.4	8.7	326°	EW ✓
111 142	TSCA	CO	Li	38.2	5.6	352°	EW ✓
112 139	TSCA	CO	Li	40.5	13.7	316°	EW ✓
113 138	TSCA	SUPP	Li	27.5	14.5	328°	EW ✓
114 147	TSCA	DOM	Li	49.0	15.2	312°	NS ✓
115 132	TSCA	CO	Li	29.2	16.5	284°	NS ✓
116 108	TSCA	CO	Li	31.5	22.3	280°	EW ✓
117 144	QURU	CO	Li	54.8	22.3	284°	NS ✓
118 109	TSCA	SUPP	Li	20.5	19.1	300°	EW ✓
119 111	TSCA	CO	SN	37.0	17.6	332°	EW ^{Rotten}

Rotten in the Rain

Tree #	Species	Canopy	Status	DDBH	Distance	Azimuth	Note
120 131	QURU	DOM	Li	47.5	20.5	336°	EW ✓
121 136	TSCA	CO	Li	49.9	24.9	340°	EW ✓ with 112 ↳ with 110
122 130	TSCA	CO	Li	49.5 ✓	28.8	344°	EW ✓
123 112	TSCA	CO	Li	33.5	30.0	334°	NS ✓
124 129	TSCA	CO	Li	39.0	26.8	326°	NS
125 137	TSCA	DOM	Li	41.0	29.2	322°	EW ✓
126 145	TSCA	CO	SN	43.0	26.9	310°	EW ^{some} rotten
127 113	QURU	CO	Li	48.1	24.0	296°	EW ^{rotten} ✓
128	PIST						not rotten
129 150	QURU		Lo	44.0	22.4 19.2	175° 214°	Dead tree in Q3 with 113S

Notes

1. Tree 035 core missing
2. 1 Unlabelled straw with core - determined to be 039. Assign core direction
3. Tree 038 both cores labelled as 'W'. Change to 'E'
4. Core #70; both labelled 'W'. Change to 'E'
5. #113 labelled as PIST (with QURU log) ✓
6. #134 - both labelled as E
7. #143 - labelled as 043? - corrected ✓
8. #078N - determined to be 032N ✓
9. #070 - changed to 072 which was missing ✓
10. unlabelled core with 033W; labelled as 033E ✓
11. 113 ~~is~~ changed to PIST ✓
12. 029 N-S changed to 129 N-S.
13. 082 - W additional core found.

NRP4 007 E-W TSCA North Pond Road, NH 06/14/2015

Quercus rubra (Red oak)
Tsuga canadensis (E. Hemlock)
Pinus strobus (E. White Pine)
Fagus grandifolia (American beech) - Use 600
Acer rubrum (Red maple) - Use 600
Betula papyrifera (Paper birch)

Cross dating: All oak, All Pine, All Acer

Oak # 001N, 003SN, 027WE, 036 WE, 060WE, 062 EW, 070 EW, 075SN, 083SN, 098SN, 102EW, 131 EW, 144SN, 150(Log)