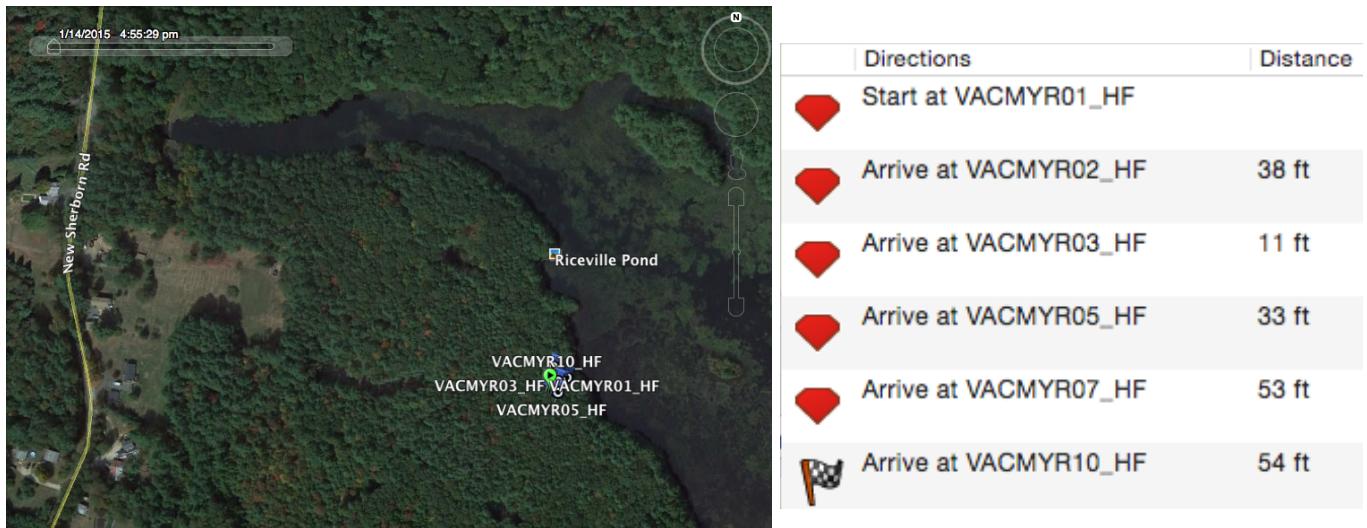


**Tom Swamp Tract, Riceville Pond.**

Take Rt 32S towards town. R on Tom Swamp Rd. R on New Athol Rd, turns into New Sherborn Rd. Pull-over on right, near Riceville Brook. At a fork between a footpath and a 2-track, turn L to follow footpath along shore of pond.

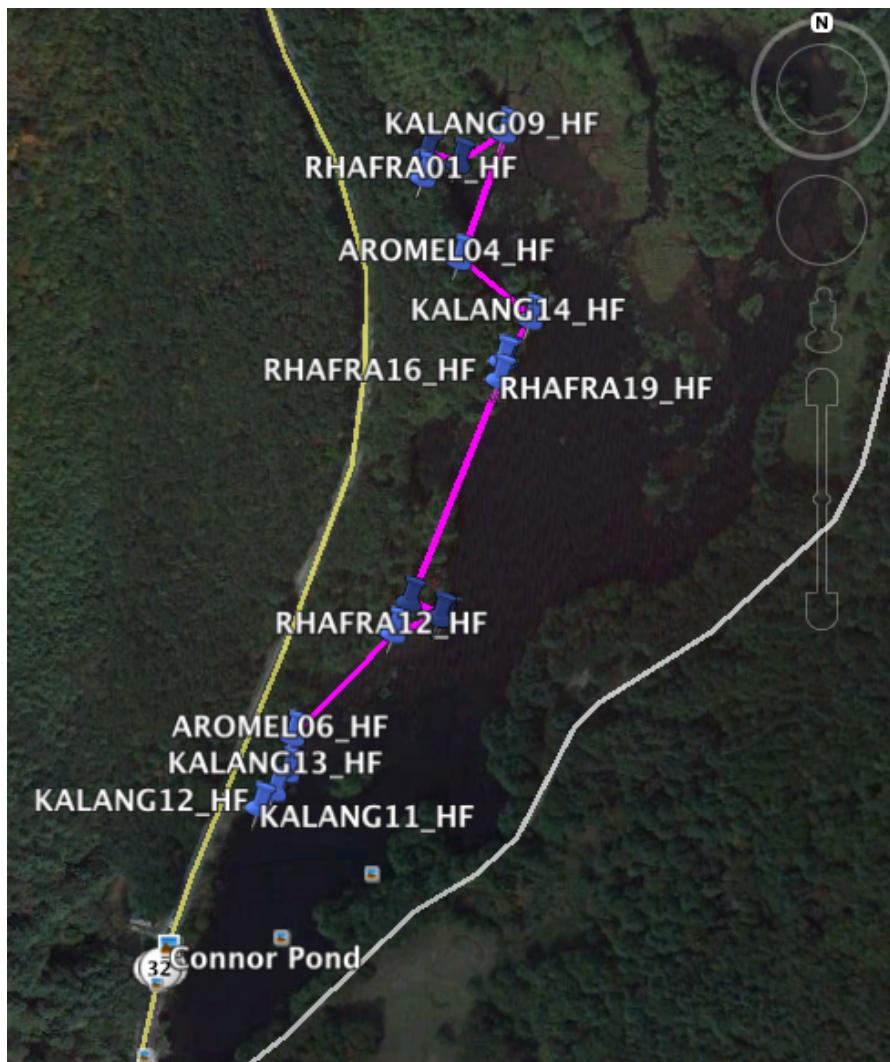


VACMYR01_HF	42.529398	-72.21948699	Tom Swamp Tract, area 9, footpath along Riceville pond.	~14in tall. 3 stems, 1 dead. tagged baby hemlock above/ to R. ID: pics, fuzzy leaves, leaf edges, stem.
VACMYR02_HF	42.529399	-72.219345	Tom Swamp Tract, area 9, footpath along Riceville pond, 3ft from 01	~18in tall, 2 stems, tagged hemlock baby above.
VACMYR03_HF	42.529399	-72.21938599	Tom Swamp Tract, area 9, footpath along Riceville pond, 2ft from 01&02, @ base of hemlock baby.	~18in tall, 2 stems (2nd stem ~5 in tall).
VACMYR05_HF	42.52930798	-72.21938498	Tom Swamp Tract, area 9, footpath along Riceville pond.	1 stem, ~20 in tall, tagged dead twig by it.
VACMYR07_HF	42.52942901	-72.21927904	Tom Swamp Tract, area 9, footpath along Riceville pond, 4-5 ft from 06.	3 live stems, 2 dead, ~18in tall, flagged dead thing above
VACMYR10_HF	42.52952004	-72.21943804	Tom Swamp Tract, area 9, footpath along Riceville pond, by fallen log, flagged VACCOR above it, 4 ft from 04.	2 stems, ~20 in tall

**Connor Pond Route**

Slab City Tract, Area 6, via gate 26

Can exit onto road by the bridge at the end of the route.



Directions	Distance
Start at RHAFRA01_HF	
Arrive at RHAFRA02_HF	50 ft
Arrive at KALANG07_HF	73 ft
Arrive at KALANG09_HF	120 ft
Arrive at AROMEL04_HF	294 ft
Arrive at KALANG14_HF	202 ft
Arrive at RHAFRA16_HF	111 ft
Arrive at RHAFRA17_HF	8 ft
Arrive at RHAFRA19_HF	44 ft
Arrive at AROMEL11_HF	522 ft
Arrive at AROMEL08_HF	73 ft
Arrive at AROMEL09_HF	2 ft
Arrive at AROMEL10_HF	8 ft
Arrive at RHAFRA12_HF	113 ft
Arrive at AROMEL06_HF	315 ft
Arrive at KALANG13_HF	80 ft
Arrive at KALANG12_HF	50 ft
Arrive at KALANG11_HF	49 ft

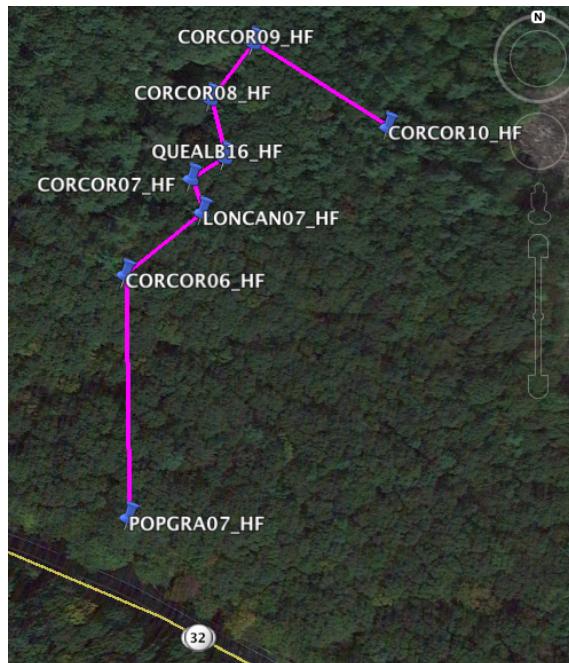
Connor Pond			
			Slab City Tract, area 6, via gate 26, Connor pond, on water, down bank from AMECAN03, more hanging over water further down bank
AROMEL04_HF	42.4658289	-72.1622499	4-5 ft tall, ~5 stem
AROMEL06_HF	42.4629910	-72.1635969	Slab City Tract, area 6, climbed over highway barrier by bridge, Connor pond
AROMEL08_HF	42.4637009	-72.1624130	Slab City Tract, area 6, climbed over highway barrier by bridge, Connor pond, 25 ft to L of SPITOM09, on water
AROMEL09_HF	42.4637039	-72.1624059	Slab City Tract, area 6, climbed over highway barrier by bridge, Connor pond, 2 ft to L of AROMEL08
AROMEL10_HF	42.4636989	-72.1623779	Slab City Tract, area 6, climbed over highway barrier by bridge, Connor pond, 2 ft closer to water than AROMEL09
AROMEL11_HF	42.463792	-72.1626550	Slab City Tract, area 6, climbed over highway barrier by bridge, Connor pond. Metal tag may say 07 incorrectly, replace with 11.
KALANG07_HF	42.466409	-72.1622580	Slab City Tract, area 6, via gate 26, Connor pond, by water, to L of MYRGAL02
KALANG09_HF	42.4665870	-72.1618840	Slab City Tract, area 6, via gate 26, Connor pond, by water, ~20 ft to L of SPITOM04
KALANG11_HF	42.4625679	-72.1638699	Slab City Tract, area 6, climbed over highway barrier by bridge, Connor pond, overhanging water
KALANG12_HF	42.4626639	-72.1637429	Slab City Tract, area 6, climbed over highway barrier by bridge, Connor pond, 20 ft from RHAFLA10

KALANG13_HF	42.4627750	-72.1636370	Slab City Tract, area 6, climbed over highway barrier by bridge, Connor pond	2 tall stems, part of a good discrete clump
KALANG14_HF	42.4654750	-72.1616739	Slab City Tract, area 6, via gate 26, Connor pond. near fallen log, 30 ft to R of SPITOM13	2 stems, 3.5 ft tall, seed
RHAFRA01_HF	42.466323	-72.162539	Slab City Tract, area 6, via gate 26, Connor pond, by water	~6 stems, 3-6 ft tall
RHAFRA02_HF	42.4664580	-72.1625199	Slab City Tract, area 6, via gate 26, Connor pond, by water	~10 stems, ~12 ft tall
RHAFRA12_HF	42.46360802	-72.16277897	Slab City Tract, area 6, climbed over highway barrier by bridge, Connor pond	HUGE, ~12 ft tall, many branches
RHAFRA16_HF	42.4652269	-72.1619090	Slab City Tract, area 6, via gate 26, Connor pond. on bank. ~10 ft to R of RHAFRA15	~ 5 stems, 8 ft tall
RHAFRA17_HF	42.4652330	-72.1618800	Slab City Tract, area 6, via gate 26, Connor pond. on bank. 5 ft to R of RHAFRA16	2 stems, 6 ft tall
RHAFRA18_HF	42.4651409	-72.1618980	Slab City Tract, area 6, via gate 26, Connor pond. up bank. ~20 ft to R of RHAFRA17	1 stem, 6 ft tall

**(above is Connor Pond route, continued)**

**Slab City Tract via Gate 23 Route**

Drive South on Rt 32, pull over on Left at gate 23

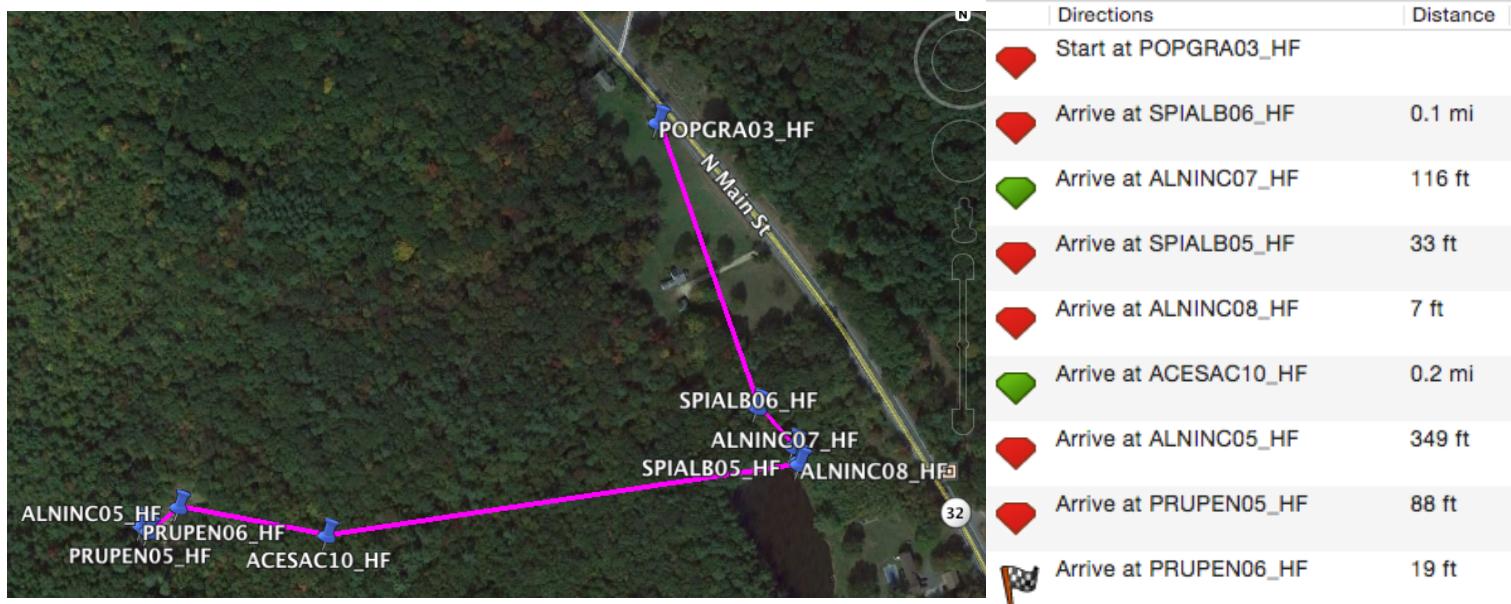


	Directions	Distance
Start at POPGRA07_HF		
Arrive at CORCOR06_HF	255 ft	
Arrive at LONCAN07_HF	107 ft	
Arrive at CORCOR07_HF	38 ft	
Arrive at QUEALB16_HF	44 ft	
Arrive at CORCOR08_HF	65 ft	
Arrive at CORCOR09_HF	79 ft	
Arrive at CORCOR10_HF	173 ft	

CORCOR06_HF	42.47275	-72.16946698	Slab City Tract, area 3-4, via gate 23. On path.	4 stems, 2-6 ft tall
CORCOR07_HF	42.47303397	-72.16920496	Slab City Tract, area 3-4, via gate 23. On path.	1 stem, 6 ft
CORCOR08_HF	42.47327303	-72.169126	Slab City Tract, area 3-4, via gate 23. On path.	2 stems, 7 ft tall
CORCOR09_HF	42.47344502	-72.16895099	Slab City Tract, area 3-4, via gate 23. On path.	~ 3 to 6 stems, 3-7 ft tall
CORCOR10_HF	42.47320999	-72.16839502	Slab City Tract, area 3-4, via gate 23. A couple of ft off path, above little hemlock.	1 stem, 6 ft tall, other small stems nearby
LONCAN07_HF	42.47293599	-72.16916196	Slab City Tract, area 3-4, via gate 23. On path.	tall, hairy edge, opp., buds., pic. 1 stem
POPGRA07_HF	42.47205304	-72.16945499	Slab City Tract, area 3-4, via gate 23. Before gate.	Watched leaf fall, collected tissue. Tall, too tall for pole pruners.
QUERALB16_HF	42.47310103	-72.16906901	Slab City Tract, area 3-4, via gate 23., across path from CORCOR08	8ft tall, low branches

**Gould Woodlot Route**

Start at POPGRA across the street from main HF parking lot. Then, go down driveway to left of small HF house. Longer paths lead to stump dump (PRUPEN, ALNINC). Shorter paths just off road lead to a small pond, with tags leading to the shore.



ACESAC10_HF	42.52792102	-72.19250003	Gould woodlot (P9), to R of TILAME 01	1 low branch, then pole pruners.
ALNINC05_HF	42.52809503	-72.19377399	Gould woodlot (P9), stump dump	fairly defoliated- sickly? part of large mass. rugosa for sure.
ALNINC07_HF	42.52846803	-72.18868098	Gould woodlot (P9), path to pond on South end, 5 ft from SPIALB05, growing from creek bank	1 trunk, no seed, rugosa.
ALNINC08_HF	42.52836401	-72.18863497	Gould woodlot (P9), path to pond on South end, on pond shore	about 4 stems, rugosa
POPGRA03_HF	42.53037097	-72.18978999	Prospect Hill Tract, across rd from HF entrance/ graveyard.	Huge tree. Covered in poison ivy. Pole pruners.
PRUPEN05_HF	42.52794399	-72.19402696	Gould woodlot (P9), stump dump, in clearing past rock piles	tall, good health, many branches, bring clippers to remove bittersweet vine. seed present, but too high up to collect.
PRUPEN06_HF	42.52797601	-72.19408303	Gould woodlot (P9), stump dump, 6 ft from PRUPEN 05	smaller.
SPIALB05_HF	42.52838303	-72.18863899	Gould woodlot (P9), path to pond on South end. Directly next to a VACCOR (mis-tagged as VACMYR).	1 woody scraggly stem, poor for cuttings?
SPIALB06_HF	42.52870297	-72.188971	Gould woodlot (P9), path to pond on South end, on pond	many stems, seed gone by

**Julia Route**

Pretty sure this is in Simes Tract. Drive on Rt 32, turn R on Spring st. just after town center, continue onto Rt 32A South. Turn R on Dugway Rd. Look for pullover. Points North (to R) of rd.

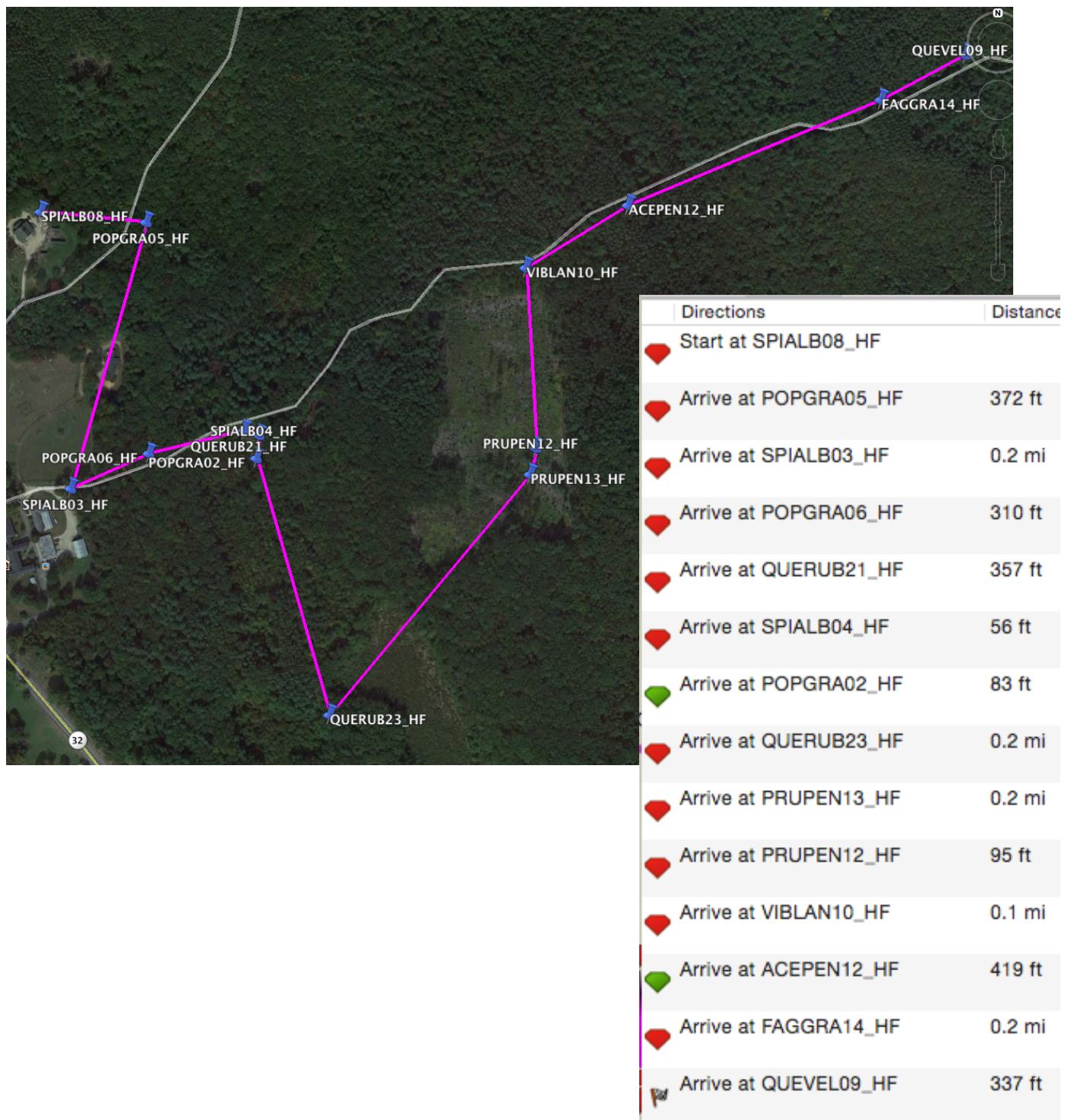
ACTUALLY I THINK SOMETHING IS JUST WRONG WITH THESE POINTS, THEY HAVE MEGAPLOT NUMBERS.



ACESAC05_HF	42.46626198	-72.21797104	265	2014-08-05T20:4 8:17Z	4956
ACESAC06_HF	42.46627296	-72.21802301	260	2014-08-05T20:5 1:27Z	4968
ACESAC07_HF	42.46615	-72.21795696	258	2014-08-05T20:5 4:52Z	4941
QUEVEL06_HF	42.46586803	-72.21859599	276	2014-08-05T20:2 1:12Z	5358

**Locust Road to Nature Trail Route**

In Prospect Hill Tract. Start at solar panel/ wood pile area beyond cows. Walk back through station, through cow gate onto Locust Opening Road. Turn right at clearing onto Nature Trail. Follow nature trail, eventually curving left past clear-cut area. Re-join Locust Road and continue.

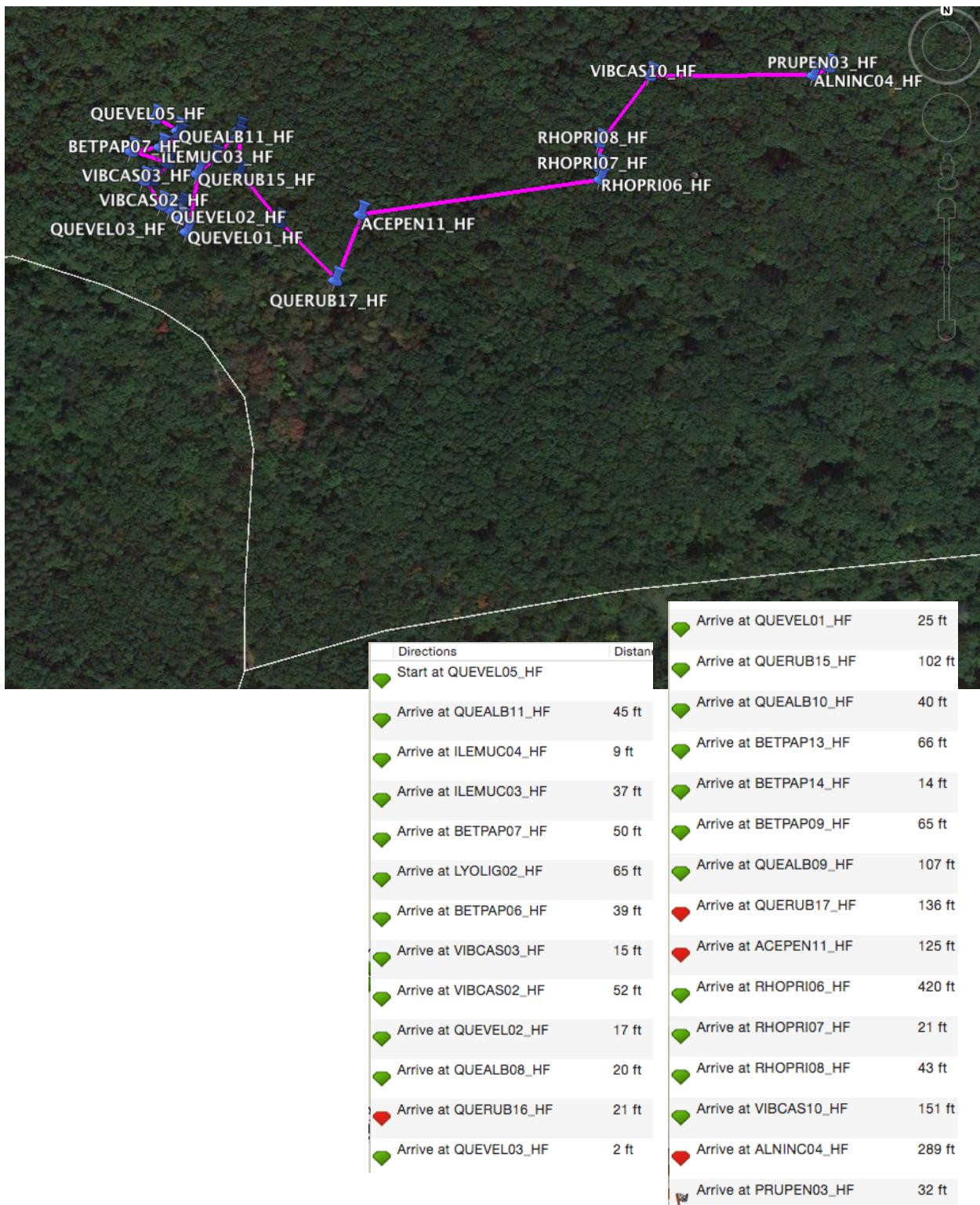


**Locust Road to Nature Trail Route**

ACEPEN12_HF	42.53505	-72.18172803	on Locust Opening Rd	Tall with low branches
FAGGRA14_HF	42.53604401	-72.17846403	on Locust Opening Rd	perfect tree by rd, low branches
POPGRA02_HF	42.53263903	-72.18660797	clearing at start of nature trail	
POPGRA05_HF	42.53492704	-72.18804899	@ intersection of Blackgum trail & connector path to Locust rd.	Watched leaf fall, collected tissue. Tall, too tall for pole pruners.
POPGRA06_HF	42.53268798	-72.18806097	By stone bridge on locust opening rd, leaning tree	Watched leaf fall, collected tissue. Tall, too tall for pole pruners.
PRUPEN12_HF	42.532734	-72.18292002	@clearcut. 5 ft from PRUPEN10 &11.	Small, 1 trunk, ~10 ft tall, little branches.
PRUPEN13_HF	42.53247902	-72.18299696	@clearcut, 3 ft from POPTRE07	~10 ft tall, scraggly
QUERUB21_HF	42.53291102	-72.18676899	@ nature path clearing	~12 ft tall, many low branches. Id: very slight tufts behind leaves...
QUERUB23_HF	42.53013602	-72.18564598	down nature path	~10 ft tall, ~6 live branches. Id: tiny vein tufts behind leaves...
QUEVEL09_HF	42.53648104	-72.17736097	on Locust Opening Rd. Originally misID as QUERUB18	very small, ~7 branches
SPIALB03_HF	42.53234499	-72.18911299	by gate by cows.	Tall plant, many stems, caution: poison ivy, flagged ACESAC above.
SPIALB04_HF	42.532864	-72.18656899	clearing at start of nature trail, directly to R of POPTRE01	
SPIALB08_HF	42.535021	-72.18942697	by wood piles/ solar panels, by entrance path to warming experiments, on L as you enter path	part of mass, ~4ft tall, ~4stems, took seed off tallest flagged big stem
VIBLAN10_HF	42.53445203	-72.18305698	along Locust Opening rd.	

**Megaplot Southeast**

Prospect Hill Tract. Picks up off Locust rd, near end of "Locust Rd to Nature Trail" Route. The Beaver-dam area is east of this route.



**Megaplot Southeast**

ACEPEN11_HF	210053	Prospect Hill Tract, on Locust Opening Rd	great low branches
ALNINC04_HF	330734		
BETPAP06_HF	160284		great
BETPAP07_HF	160307		good, low, a little sick
BETPAP09_HF	180273		great
BETPAP13_HF	180412		great
BETPAP14_HF	180452		great
ILEMUC03_HF	160397		great
ILEMUC04_HF	160654		
LYOLIG02_HF	160385		
PRUPEN03_HF	340621		
QUEALB08_HF	170085		great
QUEALB09_HF	180003		great
QUEALB10_HF	170774		good, young, a little sick
QUEALB11_HF	160650		great
QUERUB15_HF	170316		
QUERUB16_HF	170076		
QUERUB17_HF		Prospect Hill Tract, on Locust Opening Rd	pole pruners
QUEVEL01_HF	170061		great
QUEVEL02_HF	160171		good
QUEVEL03_HF	160193		great
QUEVEL05_HF	160592		good
RHOPRI06_HF	270334		great
RHOPRI07_HF	270318		great
RHOPRI08_HF	270299		great
VIBCAS02_HF	160188		good
VIBCAS03_HF	160297		good, leaning
VIBCAS10_HF	290512		sickly but good, next to road

### Megaplot Northeast

Route is Northwest of Beaver dam area. Start of route is almost directly north of end of "Megaplot Southeast" route. This one is all bushwhacking, I think— how we ended up at the beavers. Route is mapped here from East to West.



**Megaplot Northeast**

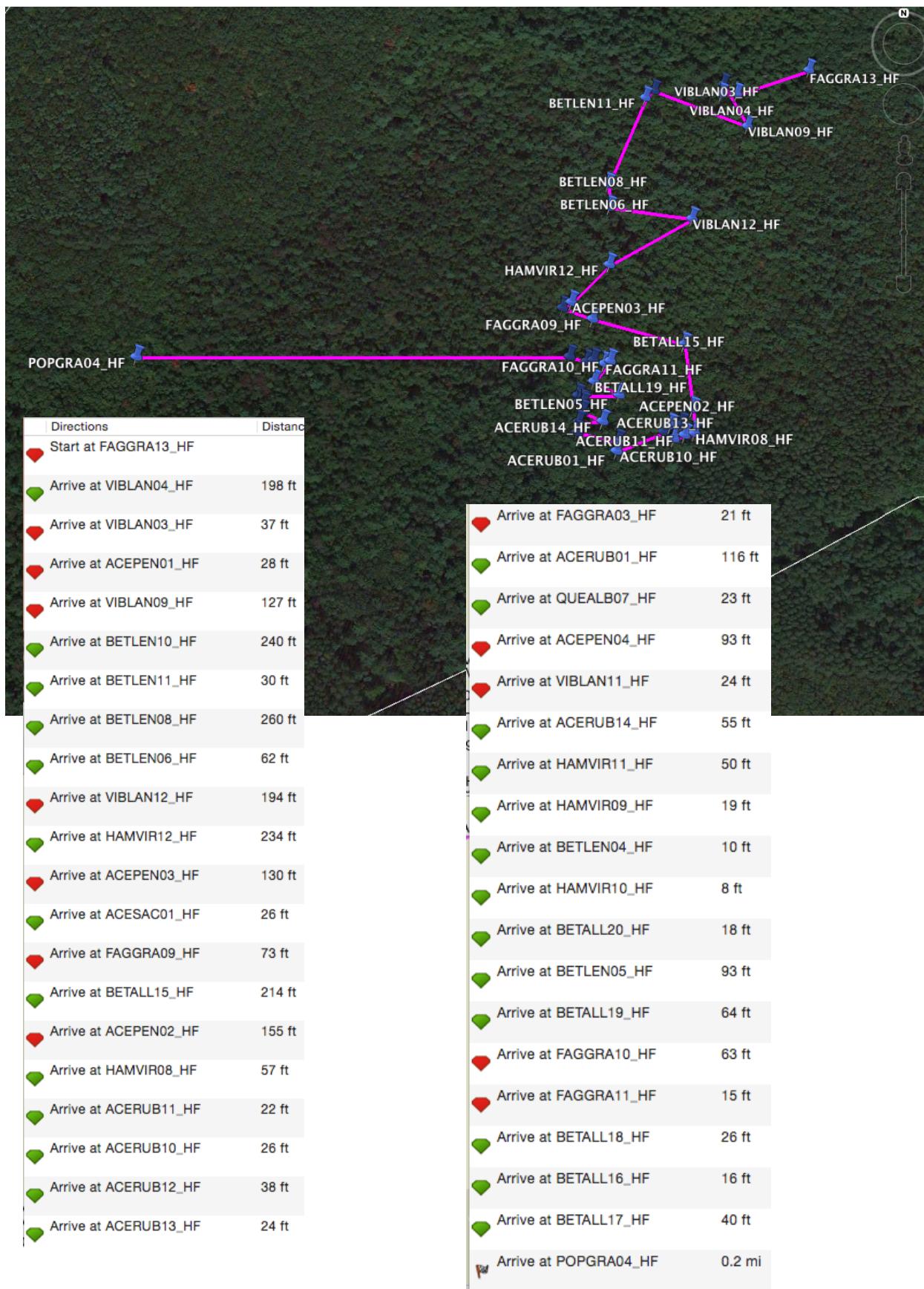
ACESAC02_HF	42.53892898	-72.17562198	171573		
ALNINC01_HF	42.53886502	-72.17437299	No #		
ALNINC02_HF	42.53890098	-72.17455898	221141	Prospect Hill Tract, megaplot	
BETPAP15_HF	42.53938797	-72.175352	181520		perfect
FRANIG01_HF	42.54059404	-72.17255001	302600		
FRANIG02_HF	42.54057501	-72.17253098	302620		
FRANIG03_HF	42.54056102	-72.17243199	302694		
FRANIG04_HF	42.54045096	-72.17210703	322512		
FRANIG05_HF	42.54033797	-72.17203603	322528		
FRANIG06_HF	42.54027201	-72.17190502	322608		
HAMVIR07_HF	42.54067803	-72.17174099	332794		
ILEMUC05_HF	42.53889503	-72.17444097	221184		
ILEMUC06_HF	42.53879604	-72.17448598	221207		
ILEMUC07_HF	42.53888899	-72.17466904	211238		
ILEMUC08_HF	42.53908102	-72.17500499	201388		
LYOLIG05_HF	42.53886603	-72.17439897	221279		
LYOLIG06_HF	42.53891297	-72.17445798	221255		
LYOLIG07_HF	42.53882303	-72.17453401	221220		
LYOLIG08_HF	42.538804	-72.17466703	211292		
LYOLIG09_HF	42.53892596	-72.17477197	211124		
NYSSYL02_HF	42.54055699	-72.17257197	302555		
NYSSYL03_HF	42.54057996	-72.172506	302562		
NYSSYL04_HF	42.540558	-72.17254196	302560		
NYSSYL05_HF	42.54052497	-72.17245303	302671		
NYSSYL06_HF	42.54051601	-72.17249402	302666		
NYSSYL10_HF	42.53938302	-72.17538896	181522		

					pole pruners, unsure of ID... orange fuzz on back of leaf? can't see orange lenticels (bark old, mossy), young branch shiny, bitter taste.
PRUPEN04_HF	42.54032599	-72.17141703	342171		great
RHOPRI03_HF	42.53882898	-72.17457399	221103		great
RHOPRI04_HF	42.53942401	-72.175267	191894		great. fruiting.
RHOPRI05_HF	42.53938101	-72.17528896	191921		great. fruiting.
SPIALB01_HF	42.53888497	-72.17441599		Prospect Hill Tract	2 stems
SPIALB02_HF	42.53881196	-72.17435899		Prospect Hill Tract	1 stem
VIBCAS04_HF	42.53857199	-72.17432697	230914		great
VIBCAS07_HF	42.53893903	-72.17476099	211183		good, little sick
VIBCAS08_HF	42.53883803	-72.17483098	211084		good, little sick

**(above is Megaplot Northeast continued)**

### Megaplot Northwest Route

This route is north of Locust Opening Road. The route begins west and slightly north of the previous route's end (Megaplot Northeast route). The route is mapped from east to west.



**Megaplot Northwest Route**

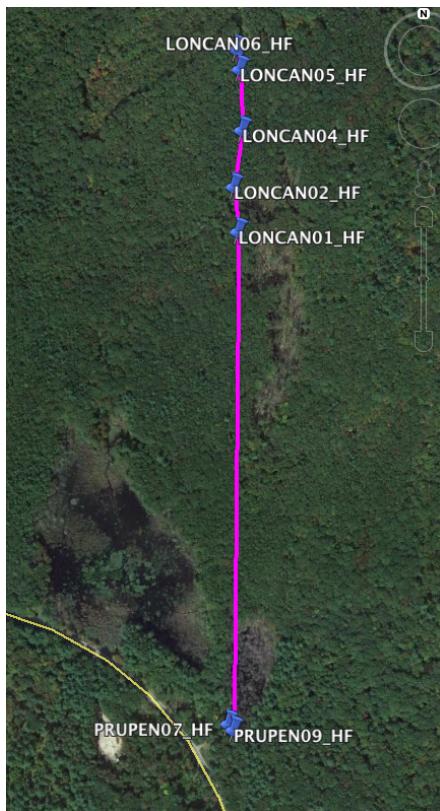
ACEPEN01_HF	42.53931102	-72.178344	61317		tall, pole pruners
ACEPEN02_HF	42.53700701	-72.17888103	40172		fairly young
ACEPEN03_HF	42.53772601	-72.17983397	10471		good
ACEPEN04_HF	42.53686099	-72.17984696	10007		great, right next to road
ACERUB01_HF	42.53674197	-72.17952903	20061		
ACERUB10_HF	42.53681799	-72.17905303	40041		branches 20 ft
ACERUB11_HF	42.53684004	-72.178962	40057		great
ACERUB12_HF	42.53690902	-72.17898396	40180		branches 20 ft
ACERUB13_HF	42.53690097	-72.17907197	40159		branches 20 ft
ACERUB14_HF	42.53693299	-72.17962903	10128		great, right next to road
ACESAC01_HF	42.53768804	-72.17991401	No #		check ID: Jehane's field note, actually AceRub
BETALL15_HF	42.53743197	-72.17890701	40595		great
BETALL16_HF	42.537323	-72.17973498	10338		great
BETALL17_HF	42.53735804	-72.17987504	10310		great
BETALL18_HF	42.53733298	-72.17967798	10356		great
BETALL19_HF	42.53719199	-72.17968301	10226		great
BETALL20_HF	42.53709904	-72.179825	10154		great
BETLEN04_HF	42.53705604	-72.17981804	10182		great
BETLEN05_HF	42.53710298	-72.17947899	20214		
BETLEN06_HF	42.53839103	-72.17945603	20822		
BETLEN08_HF	42.53856101	-72.17945301	20946		
BETLEN10_HF	42.53926601	-72.178977	41223		good, branches ~20ft
BETLEN11_HF	42.53921203	-72.17906099	41215		good, leaning
FAGGRA03_HF	42.536862	-72.17913098	40021		great
FAGGRA09_HF	42.53760899	-72.17966398	10501		fairly young
FAGGRA10_HF	42.53732602	-72.179537	20363		great
FAGGRA11_HF	42.537308	-72.17958603	20345		great
FAGGRA13_HF	42.53942703	-72.17754504	91132	Prospect Hill Tract, megaplot, by eddy flux.	

HAMVIR08_HF	42.53685102	-72.17888002	40055		fairly young
HAMVIR09_HF	42.53704498	-72.17978602	10179		great
HAMVIR10_HF	42.53705897	-72.17978703	10071		good, young
HAMVIR11_HF	42.53699401	-72.17979399	10047		great, right next to road
HAMVIR12_HF	42.53797797	-72.179494	10505		perfect
POPGRA04_HF	42.53735402	-72.18353902		Prospect Hill Tract. Start of boardwalk on West end.	Watched leaf fall, collected tissue. Tall, pole pruners questionable. 2nd actual POPGRA tagged at HF.
QUEALB07_HF	42.536804	-72.17951202	20046		
VIBLAN03_HF	42.53923601	-72.17837099	61312		great
VIBLAN04_HF	42.539235	-72.17823302	71274		great
VIBLAN09_HF	42.53898798	-72.17816999	71164		
VIBLAN11_HF	42.53692604	-72.17983204		Prospect Hill Tract, just outside megaplot, next to ACEPEN04/ mp 010007.	
VIBLAN12_HF	42.53830201	-72.178746		Prospect Hill Tract, no megaplot tag	

**(above is Megaplot Northwest Route, continued)**

**Tom Swamp, Gate 10, off Rt. 122 Route**

Drive on Rt. 122, pull over at Gate 10. If prefer a hike to a drive, can access Sunset Lane route from this gate as well.

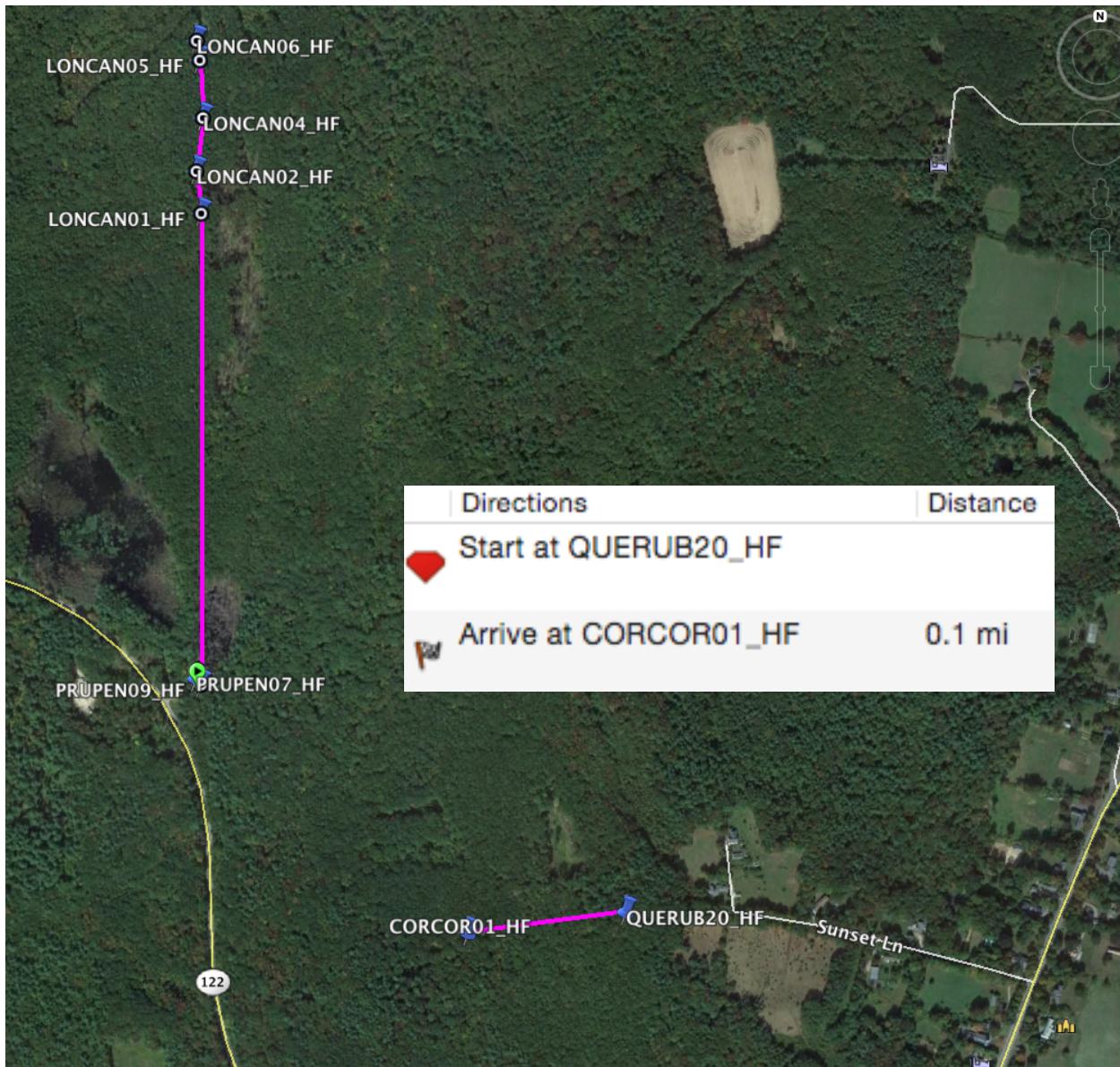


Directions	Distance
Start at PRUPEN07_HF	
Arrive at PRUPEN09_HF	38 ft
Arrive at LONCAN01_HF	0.4 mi
Arrive at LONCAN02_HF	210 ft
Arrive at LONCAN04_HF	263 ft
Arrive at LONCAN05_HF	282 ft
Arrive at LONCAN06_HF	96 ft

LONCAN01_HF	42.50245001	-72.19989697	Tom Swamp Tract, area 4-5	mass of ~ 7 stems, tallest 18 in, tagged hemlock above/to L.
LONCAN02_HF	42.50302199	-72.19998398	Tom Swamp Tract, area 4-5	1 trunk, 3 main branches, ~3ft tall, ~63m down trail from LONCAN01
LONCAN04_HF	42.50373697	-72.19985699	Tom Swamp Tract, area 4-5	many stems at base of a red oak, 4-ish little stems tagged, ~18in at tallest. 81m down path from LONCAN02.
LONCAN05_HF	42.50450903	-72.19990997	Tom Swamp Tract, area 4-5	healthy, 3 stems, ~2ft tall, many more around.
LONCAN06_HF	42.50476803	-72.19996604	Tom Swamp Tract, area 4-5	Big and sprawling, ~3ft tall, many stems, flagged baby white pine in the middle of
PRUPEN07_HF	42.49609502	-72.20000996	Tom Swamp Tract, at start of swamp	low branches, healthy
PRUPEN09_HF	42.49601397	-72.19991902	Tom Swamp Tract, at start of swamp towards gate 10.	low branches, healthy, ~10 feet from Prupen07

**Tom Swamp, Sunset Lane Entrance**

Head south on Rt 32 towards Petersham, before town turn R on Sunset lane, drive to end, park before chain. Connects to Tom Swamp\_Gate 10 route, if desired, or turn back and drive.



CORCOR01_HF	42.49270999	-72.19498602	Tom Swamp Tract, off Sunset Ln. Left of path, after fallen tree.	~7 stems, low.
QUERUB20_HF	42.49300503	-72.19216702	Tom Swamp Tract, off Sunset Ln.	5 ft tall, about 10 coppiced trunks off cut stump. 1 dead trunk. can't really see any fuzz on leaf back.