

**Appendix VII-A-3. Upland Sites  
Summary of Ten Meter Square Survey at Site B/H-7  
July 22, 2015**

The area was Terrestrial, with a 30 to 65% slope (steep) and a Topographical Position of middle slope. The Dominant Understory was a sparse shrub layer. Late successional stage. Lichens were noted, as was deer browse. There was a Paw paw (*Asimina triloba*) grove within the plot. No invasive plants were noted.

Coordinates: Lat: 38 27.0N Long: -76 27.719W

**Woody Stem  $\geq$  2.5 cm DBH in Plot**

Species	2.5-5 cm 1-2"	5-10 2-4"	10-15 4-6"	15-20 6-8"	20-25 8-10"	25-30 10-12"	30-35 12-14"	35-40 14-16"	40+ 16+
<i>Asimina triloba</i>	1								
<i>Fagus grandifolia</i>		1							
<i>Kalmia latifolia</i>	2	2							
<i>Liquidamber styraciflua</i> out of plot			1						
<i>Liriodendron tulipifera</i>									1 (30")
<i>Quercus montana (pinus)</i>									11 (21")
<i>Sassafras albidum</i>	3								

**Plants found on Plot**

Herbaceous species	Woody species, vines, and shrubs
<i>Athyrium filix-femina</i> -1	<i>Asimina triloba</i> -25 shrub size
<i>Chimaphila maculata</i> -1	<i>Carpinus caroliniana</i> 1 shrub size
<i>Polystichum acrostichoides</i>	<i>Fagus grandifolia</i> shrub size
	<i>Quercus prinus</i> 2 sapling
	Unknown sapling

## Summary of Ten Meter Square Survey at Site B/H-7 Alternate July 22, 2015

The area was Terrestrial, with a 16 to 30% slope (moderately hilly) and a Topographical Position of Crest- Upper slope (almost to the crest). Disturbances of deer browse was noted. Eleven snags were noted.

Coordinates: Lat: 38 26.985N Long: -76 27.709W Elevation: 134'

### Woody Stem $\geq$ 2.5 cm DBH in Plot

Species	2.5-5 cm 1-2"	5-10 2-4"	10-15 4-6"	15-20 6-8"	20-25 8-10"	25-30 10-12"	30-35 12-14"	35-40 14-16"	40+ 16+
<i>Ilex opaca</i>		3	2						
<i>Kalmia latifolia</i>	6	4							
<i>Liquidambar styraciflua</i>		1	1						1 (16") out of plot
<i>Nyssa sylvatica</i>		1							
<i>Pinus taeda</i>							1	1	
<i>Quercus alba</i>									1 (35") out of plot
<i>Quercus montana</i>			1					1 out of plot	1 (25") 1 (18") both out of plot
<i>Sassafras albidum</i>			1						

### Plants found on Plot

Herbaceous species	Woody species, vines, and shrubs
No herbaceous noted	<i>Asimina triloba</i> -scattered small trees
	<i>Vaccinium corymbosum</i>

## Summary of Ten Meter Square Survey at Site B/H-8 July 22, 2015

The area was Terrestrial, with a 3 to 8% slope (gentle/ undulating) and a Topographical Position of crest. The Dominant Understory was sparse shrub layer. Mid successional stage. Disturbance of deer browse was noted. *Lonicera japonica* (Japanese honeysuckle) an invasive plant was noted. Two snags were noted.

Coordinates: Lat: 38 26.916N; Long: -76 27.719W (taken from 2/20/2016 survey)

### Woody Stem $\geq$ 2.5 cm DBH in Plot

Species	2.5-5 cm 1-2"	5-10 2-4"	10-15 4-6"	15-20 6-8"	20-25 8-10"	25-30 10-12"	30-35 12-14"	35-40 14-16"	40+ 16+
<i>Carpinus caroliniana</i>		1							
<i>Ilex opaca</i>	2	3							
<i>Fagus grandifolia</i>	1								
<i>Liquidambar styraciflua</i>				1	1				
<i>Liriodendron tulipifera</i>				1					
<i>Pinus taeda</i>									1 (32")
<i>Pinus virginiana</i>									1 (20") down
<i>Quercus alba</i>		1							
<i>Sassafras albidum</i>				1					

### Plants found on Plot

Herbaceous species	Woody species, vines, and shrubs
No herbaceous noted	<i>Asimina triloba</i> - about 8 shrub size
	<i>Parthenocissus quinquefolia</i> —small
	<i>Prunus serotina</i> (very small)
	<i>Vaccinium</i> sp.

## Summary of Ten Meter Square Survey at Site B/H-8 Alternate July 22, 2015

The area was Terrestrial, with a 0 to 3% slope (level) and a Topographical Position of crest. The Dominant Understory was leaf litter/ debris only. Mid to late successional stage. Disturbance of deer browse was noted. No Non-native plants were noted. Zero snags were noted. A very large oak outside the plot may be a “witness tree” and it may fit the 1990 plot description better.

Coordinates: Lat: 38 26.924N; Long: -76 27.703W

### Woody Stem $\geq$ 2.5 cm DBH in Plot

Species	2.5-5 cm 1-2"	5-10 2-4"	10-15 4-6"	15-20 6-8"	20-25 8-10"	25-30 10-12"	30-35 12-14"	35-40 14-16"	40+ 16+
<i>Acer rubrum</i>		1		1					
<i>Cornus florida</i>		1 outside of plot	1 outside of plot						
<i>Ilex opaca</i>	3	1	1 on plot line						
<i>Fagus grandifolia</i>						1			
<i>Liquidamber styraciflua</i>				1 outside of plot					
<i>Liriodendron tulipifera</i>								1 outside of plot	1 (20")
<i>Quercus falcata</i> (circumference of 15' 1")									
<i>Sassafras albidum</i>			1 outside of plot						

### Plants found on Plot

Herbaceous species	Woody species, vines, and shrubs
<i>Mitchella repens</i>	<i>Asimina triloba</i> - 18
	<i>Ilex opaca</i> -1
	<i>Smilax rotundifolia</i>
	<i>Toxicodendron (Rhus) radicans</i>

## Summary of Ten Meter Square Survey at Site B/H-9 July 22, 2015

The area was Terrestrial, with a 8-16% slope (sloping/rolling) and a Topographical Position of middle slope. The Dominant Understory was sparse shrub and dense shrub layer. Mid successional stage. Disturbance of deer browse and a fallen tree were noted. Invasive plants *Lonicera japonica* (Japanese honeysuckle) and *Rubus phoenicolasius* (Wineberry) were noted. Zero snags were noted.

Coordinates: Lat: 38 26.834N Long: -76 27.719W (Taken from 2/20/2016 survey)

### Woody Stem $\geq$ 2.5 cm DBH in Plot

Species	2.5-5 cm 1-2"	5-10 2-4"	10-15 4-6"	15-20 6-8"	20-25 8-10"	25-30 10-12"	30-35 12-14"	35-40 14-16"	40+ 16+
<i>Acer rubrum</i>			1	1 outside of plot					1
<i>Ilex opaca</i>		3 ( one is fallen and one is multi trunk	1	1					
<i>Liquidambar styraciflua</i>									1 (17")
<i>Liriodendron tulipifera</i>								1 fallen	
<i>Pinus taeda</i>									1 (20") outside of plot

**Plants found on Plot**

<b>Herbaceous species</b>	<b>Woody species, vines, and shrubs</b>
<i>Arisaema triphyllum</i>	<i>Asimina triloba</i> - 25 sapling and seedlings
<i>Carex swanii</i>	<i>Carpinus caroliniana</i> -6 saplings
<i>Mitchella repens</i>	<i>Euonymus americanus</i>
<i>Sanicula sp.</i>	<i>Ilex opaca</i> - seedlings
	<i>Liriodendron tulipifera</i> - seedlings
	<i>Lonicera japonica</i>
	<i>Parthenocissus quinquefolia</i> -
	<i>Pinus taeda</i> — saplings
	<i>Robinia pseudo-acacia</i>
	<i>Rubus phoenicolasius</i> 1 outside of plot
	<i>Smilax glauca</i>
	<i>Toxicodendron radicans</i>
	<i>Vaccinium sp.</i>
	<i>Vitis sp.</i>

## Summary of Ten Meter Square Survey at Site B/H-10 March 26, 2015

The area was Terrestrial, with a 3 to 8% slope (gentle/undulating) and a Topographical Position of toe. The Dominant Understory was sparse shrub layer. Disturbance by deer browse was noted. Invasive plant species noted were *Rubus phoenicolasius* (Wineberry), *Microstegium vimineum* (Stilt grass) and *Lonicera japonica* (Japanese honeysuckle). No snags were noted.

Coordinates: Reference B/H-10 Summary: Lat: 38 26.752N Long: -76 27.719W

### Woody Stem $\geq$ 2.5 cm DBH in Plot

Species	2.5-5 cm 1-2"	5-10 2-4"	10-15 4-6"	15-20 6-8"	20-25 8-10"	25-30 10-12"	30-35 12-14"	35-40 14-16"	40+ 16+
<i>Acer rubrum</i>		1		1					1 (18") 1 (21") outside the plot
<i>Betel sp.</i>		1							
<i>Ilex opaca</i>		1							
<i>Liriodendron tulipifera</i>									
<i>Pinus virginiana</i>								1 fallen	

### Plants found on Plot

Herbaceous species	Woody species, vines, and shrubs
<i>Microstegium vimineum</i>	<i>Asimina triloba</i>
<i>Mitchella repens</i>	<i>Euonymus americanus</i>
<i>Polystichum acrostichoides</i>	<i>Ilex opaca</i>
<i>Tipularia discolor</i>	<i>Lonicera japonica</i>
	<i>Liquidambar styraciflua</i>
	<i>Rubus phoenicolasius</i>
	<i>Smilax sp.</i>

## Summary of Ten Meter Square Survey at Site B/J-10 March 26, 2015

The area was Terrestrial, with a 3 to 8% slope (gentle/undulating) and a Topographical Position of crest. Mid successional stage. The Dominant Understory was sparse shrub layer. Disturbance by fallen trees was noted. Invasive plant species noted was *Rubus phoenicolasius* (Wineberry). Two snags were noted as well as Bryophytes and Lichens.

Coordinates: Reference B/ J-10 Summary: Lat: 38 26.752N Long: -76 27.510W

### Woody Stem $\geq$ 2.5 cm DBH in Plot

Species	2.5-5 cm 1-2"	5-10 2-4"	10-15 4-6"	15-20 6-8"	20-25 8-10"	25-30 10-12"	30-35 12-14"	35-40 14-16"	40+ 16+
<i>Acer rubrum</i> size not specified, out of plot									
<i>Liquidambar styraciflua</i>			1						
<i>Liriodendron tulipifera</i>									1 (24") fallen
<i>Quercus rubra</i>				1					

### Plants found on Plot

Herbaceous species	Woody species, vines, and shrubs
<i>Carex</i> sp	<i>Fagus grandifolia</i> —out of plot
<i>Dichanthelium clandestinum</i>	<i>Ilex opaca</i>
<i>Mitchella repens</i>	<i>Liquidambar styraciflua</i>
<i>Polystichum acrostichoides</i>	<i>Pinus virginiana</i> - out of plot
<i>Tipularia discolor</i>	<i>Rubus phoenicolasius</i>
Unknown grass	