

Appendix VII-A-2. Coastal Sites
Summary of Ten Meter Square Survey at Site A/I-7 Alternate
August 21, 2015

The area was Terrestrial, with a 3% slope (level) and a Topographical Position of plain/ level. The Dominant Understory was a sparse shrub layer. Other features included one snag outside the 10 meter plot, as well as large fallen trees and a Paw paw (*Asimina triloba*) grove within the plot. Invasive plants included *Microstegium vimineum* (Japanese stilt grass,) *Rubus phoenicolasius* (Wineberry), and *Lonicera japonica* (Japanese honeysuckle).

Coordinates: Reference A/I-7 Summary: Lat: 38 27.0N Long:-76 27.613W

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>	3	10							
<i>Liquidamber styraciflua</i> in plot						1			
<i>Liquidamber styraciflua</i> out of plot					1				

Plants found on Plot

Herbaceous species	Woody species, vines, and shrubs
<i>Boehmeria cylindrica</i>	<i>Asimina triloba</i>
<i>Carex</i> sp.	<i>Campsis radicans</i>
<i>Leerzia</i> sp.	<i>Liquidambar styraciflua</i>
<i>Microstegium vimineum</i>	<i>Lonicera japonica</i>
<i>Phragmites australis</i>	<i>Nyssa sylvatica</i>
<i>Pilea pumila</i>	<i>Rubus phoenicolasius</i>
<i>Polystichum acrostichoides</i>	

Summary of Ten Meter Square Survey at Site A/J-7 April 23, 2015

The area was Terrestrial, with a 3% slope (level) and a Topographical Position of plain/ level. It is Non-Tidal and Permanently flooded, with Salinity rated Oligohaline (0.5-5 with ppt), always submerged by deep water (>30cm) Invasive plants included *Microstegium vimineum* (Japanese stilt grass), *Lonicera japonica* (Japanese honeysuckle) and *Phragmites australis* (Common reed).

Coordinates: Reference A/J-7 Summary: Lat: 38.270N Long:-76 27.510

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 sp.</i>									
<i>Asimina triloba</i>	5	2							
<i>Fraxinus sp</i>						1			
<i>Acer sp.</i>						1			

Plants found on Plot

Herbaceous species	Woody species, vines, and shrubs
<i>Arisaema triphyllum</i>	<i>Acer rubrum</i>
<i>Microstegium vimineum</i>	<i>Acer sp.</i>
<i>Phragmites australis</i>	<i>Asimina triloba</i>
<i>Podophyllum peltatum</i>	<i>Fraxinus pennsylvanica</i>
	<i>Ilex opaca</i>
	<i>Juniperus virginiana</i>
	<i>Lonicera japonica</i>
	<i>Myrica cerifera</i>
	<i>Parthenocissus quinquefolia</i>
	<i>Rubus sp.</i>
	<i>Smilax rotundifolia</i>
	<i>Vitis sp.</i>

Summary of Ten Meter Square Survey at Site A/K-8 April 23, 2015

The area was Terrestrial, with a 3% slope (level) and a Topographical Position of plain/ level and toe. Dominant Understory is leaf litter/ debris only. No invasive species were noted.

Coordinates: Reference A.K-8 Summary: Lat: 38 26.916N Long: -76 27.403

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>Liquidambar styraciflua</i>		2							
<i>Pinus virginiana</i>				1					
<i>Pinus taeda</i>			1	1				1	
<i>Quercus sp</i> (Red oak category)	3	1							

Plants found on Plot

Herbaceous species	Woody species, vines, and shrubs
<i>Chimaphila maculata</i>	<i>Cercis canadensis</i>
	<i>Cornus florida</i>
	<i>Liquidambar styraciflua</i>
	<i>Myrica cerifera</i>
	<i>Pinus taeda</i>
	<i>Pinus virginiana</i>
	<i>Quercus rubrum</i>

Summary of Ten Meter Square Survey at Site A/K-9 April 23, 2015

The area was Terrestrial, with a 3% slope (level) and a Topographical Position of plain/ level and toe. Dominant Understory is sparse shrub layer. Deer browse was noted as a disturbance. No invasive species were noted. There was a 19" diameter dead pine tree crossing the center of the 10 meter square.

Coordinates: Reference A/K-9 Summary: Lat: 38 26.834N Long: -76 27.403W

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>	4								
<i>Liquidambar styraciflua</i>	3	3	1	1					
<i>Liriodendron tulipifera</i>		1							
<i>Pinus taeda</i>						1		1	1(18")
<i>Pinus virginiana</i>				1					
<i>Ulmus sp.</i>				1					

Plants found on Plot

Herbaceous species	Woody species, vines, and shrubs
<i>Arisaema sp.</i>	<i>Asimina triloba</i>
<i>Tipularia discolor</i>	<i>Carpinus carolinia</i>
	<i>Ilex opaca</i>
	<i>Juniperus virginiana</i>
	<i>Liquidambar styraciflua</i>
	<i>Liriodendron tulipifera</i>
	<i>Lonicera japonica</i>
	<i>Myrica cerifera</i>
	<i>Pinus taeda</i>
	<i>Pinus virginiana</i>
	<i>Rubus phoenicolasius</i>
	<i>Smilax rotundifolia</i>
	<i>Ulmus rubra</i>