

PLOT 801

LOCATION: 4 m from western edge of Grid Square #: 801  
 DATE SAMPLED: 7/19/8

SITE VARIABLES:

SLOPE: 8° ASPECT: 0° POSITION: midslope  
 SURFACE WATER: none  
 LITTER DEPTH: 1.13 cm EXPOSED BEDROCK: no  
 SOIL SERIES (mapped):  
 SOIL pH:

VISUAL EVIDENCE OF: LOGGING: no  
 GRAZING: yes  
 STONE WALLS: no  
 FIRE: no  
 RECENT WINDTHROW: yes  
 MOUNDS & PITS: yes

AGES OF DOMINANT TREES: 47.5 cm Pinus strobus : years

CANOPY HEIGHT: 18.9 m % SKY VISIBLE: 9.0

COMMENTS:

HYDROLOGY:

Site is well drained. The plot falls at the head of a shallow swale.

SOILS:

The soils are fairly deep, coarse textured and only slightly stony. The organic layer is poorly developed.

HISTORY:

There was a recent blowdown but no tipup. There are no stumps and the plot was once pastured.

STAND CONDITION:

The canopy is very closed except where there is blowdown.

ADDITIONAL COMMENTS ON THE SITE:

The plot center was offset 25.23 mins/CW foot from plot xcentric 801. There is a patchy old field near the plot and a douglas fir plantation on the west side. The shrub layer is dense, but low (<1 m height). There is a stone wall off plot to the west. The plot is located on a sloping rise surrounded by what appears to be wet areas.



TREES: Size class distribution of trees tallied in the 1/20 ha plot.

SPECIES	SIZE CLASS (cm)								
	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	> 50
Pseudotsuga menziesii	4	2	3	1	2	1	0	0	
Acer rubrum	2	4	4	2	1	0	0	0	
Pinus strobus	0	1	0	1	1	0	0	1	
Prunus serotina	7	1	0	0	0	0	0	0	
Carya glabra	1	0	0	0	0	0	0	0	
Ostrya virginiana	0	1	0	0	0	0	0	0	
Malus pumila	0	0	0	0	0	0	0	0	
Ulmus americana	0	0	1	0	0	0	0	0	
Cornus florida	1	0	0	0	0	0	0	0	
Fraxinus americana	2	0	0	0	0	0	0	0	
Acer saccharum	1	0	1	0	0	0	0	0	
Sassafras albidum	0	0	0	0	0	0	0	0	
Unknown	0	0	0	0	0	0	0	0	
TOTALS	18	9	9	4	4	1	0	1	0

TREES: Absolute density (per ha) and relative density (as % of density of live trees) of standing dead trees and trees with upper branch dieback

(NOTE: "% OF LIVE" = 999 indicates no live trees of that species in the plot).

SPECIES	STANDING DEAD		BRANCH DIEBACK	
	DENSITY	% OF LIVE	DENSITY	% OF LIVE
Pseudotsuga menziesii	0.0	0.00	0.0	0.00
Acer rubrum	0.0	0.00	20.0	7.69
Pinus strobus	0.0	0.00	0.0	0.00
Prunus serotina	0.0	0.00	20.0	12.50
Carya glabra	0.0	0.00	0.0	0.00
Ostrya virginiana	0.0	0.00	0.0	0.00
Malus pumila	40.0	999.00	0.0	0.00
Ulmus americana	0.0	0.00	0.0	0.00
Cornus florida	0.0	0.00	20.0	100.00
Fraxinus americana	0.0	0.00	0.0	0.00
Acer saccharum	0.0	0.00	0.0	0.00
Sassafras albidum	20.0	999.00	0.0	0.00
Unknown	20.0	999.00	0.0	0.00
TOTALS:	80.0	8.70	60.0	6.52

**SAPLINGS:** Densities per hectare of all stems > 1 m height and < 10 cm DBH.

SPECIES	SIZE CLASSES (cm)					TOTAL
	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	
Acer rubrum	0	0	0	0	40	40
Fraxinus americana	80	40	0	0	0	120
Prunus serotina	40	0	0	0	0	40
Pinus strobus	0	0	0	40	0	40
Ulmus americana	0	40	0	0	0	40
TOTALS:	120	80	0	40	40	280

**SEEDLINGS:** Densities (per m<sup>2</sup>) of stems < 1 m tall.

SPECIES	DENSITY (#/m <sup>2</sup> )
Sassafras albidum	0.250
Acer rubrum	0.500
Fraxinus americana	0.750
Ulmus americana	0.250
Acer pennsylvanicum	0.250
TOTAL:	2.000



SHRUBS: Percent cover of shrub species within the stand.

SPECIES	% COVER
Cornus racemosa	10.424
TOTAL:	10.424

HERBACEOUS SPECIES AND THE FOREST FLOOR: Percent cover (note: + means < 1 %).

	% COVER
Litter layer	77.750
Exposed soil	+
Exposed rock	1.872
Bryophytes	1.245
Lichens	+
Dead wood	6.875
Unknown seedlings	+
Tree boles	7.125
Carex sp.	+
Maianthemum canadense	+
Arisaema triphyllum	+
Deadwood over	3.125