Appendix A
Wildlife Habitat Attributes in the BSA Polygon Database

<table>
<thead>
<tr>
<th>Attribute Code in Feature Attribute Table</th>
<th>Attribute Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PolyID</td>
<td>polygon ID number</td>
</tr>
<tr>
<td>PA1</td>
<td>Primary plant association</td>
</tr>
<tr>
<td>PA1%</td>
<td>Primary plant association (percent of polygon)</td>
</tr>
<tr>
<td>PA2</td>
<td>Secondary plant association</td>
</tr>
<tr>
<td>PA2%</td>
<td>Secondary plant association (percent of polygon)</td>
</tr>
<tr>
<td>PA3</td>
<td>Tertiary plant association</td>
</tr>
<tr>
<td>PA3%</td>
<td>Tertiary plant association (percent of polygon)</td>
</tr>
<tr>
<td>trees</td>
<td>Tree canopy composition (species names)</td>
</tr>
<tr>
<td>tree%</td>
<td>Tree cover (percent cover)</td>
</tr>
<tr>
<td>shrubs</td>
<td>Shrub composition (species names)</td>
</tr>
<tr>
<td>shrub%</td>
<td>Shrub cover (percent cover)</td>
</tr>
<tr>
<td>herbs</td>
<td>Herbaceous composition (species names)</td>
</tr>
<tr>
<td>herb%</td>
<td>Herbaceous cover (percent cover)</td>
</tr>
<tr>
<td>cc</td>
<td>Canopy closure (percent)</td>
</tr>
<tr>
<td>layers</td>
<td>Number of tree canopy layers</td>
</tr>
<tr>
<td>qmd</td>
<td>Tree diameter distribution (quadratic mean diameter in inches)</td>
</tr>
<tr>
<td>talltree</td>
<td>Tree height of tallest tree (feet)</td>
</tr>
<tr>
<td>canopyht</td>
<td>Tree height of average tree (feet)</td>
</tr>
<tr>
<td>tpa</td>
<td>Tree density distribution (trees per acre)</td>
</tr>
<tr>
<td>ba</td>
<td>Basal area (square feet per acre)</td>
</tr>
<tr>
<td>sdi</td>
<td>Stand density index</td>
</tr>
<tr>
<td>bigtrees</td>
<td>Diameter of largest tree in area (inches dbh)</td>
</tr>
<tr>
<td>maxdbh</td>
<td>Minimum diameter of 8 largest trees (inches dbh)</td>
</tr>
<tr>
<td>qmd_snags</td>
<td>Snag diameter classes (quadratic mean diameter in inches)</td>
</tr>
<tr>
<td>snaght</td>
<td>Snag height classes (feet)</td>
</tr>
<tr>
<td>snags_p_ac</td>
<td>Snag density classes (snags per acre)</td>
</tr>
<tr>
<td>cwd%</td>
<td>Down woody debris cover (percent cover)</td>
</tr>
<tr>
<td>cwd_acre</td>
<td>Down woody debris distribution (pieces per acre)</td>
</tr>
<tr>
<td>substrate</td>
<td>Habitat substrate</td>
</tr>
<tr>
<td>special habitat features and</td>
<td>Special habitat features and ecological factors or wildlife habitat characteristics that may warrant special consideration</td>
</tr>
<tr>
<td>wildlife observations</td>
<td></td>
</tr>
<tr>
<td>wetlands</td>
<td>presence of wetlands within the polygon</td>
</tr>
<tr>
<td>streams</td>
<td>presence of streams within the polygon</td>
</tr>
<tr>
<td>AgeClass</td>
<td>range of ages of the trees in the polygon</td>
</tr>
<tr>
<td>CC_1</td>
<td>Daubenmire canopy cover class (field estimate)</td>
</tr>
<tr>
<td>Notes</td>
<td>notes about the polygon</td>
</tr>
<tr>
<td>Observer</td>
<td>initials of field survey crew</td>
</tr>
<tr>
<td>Date</td>
<td>dates of field survey</td>
</tr>
<tr>
<td>Acres</td>
<td>acreage of the stand</td>
</tr>
</tbody>
</table>
Polygon ID: 5

PA1: Developed PA1%: 100
PA2: ABLA/XETE PA2%: 0
PA3: PA3%: 0

number of canopy layers: 2  
basal area: 120

canopy closure: 40  stand density index: 200

trees per acre: 80  quadratic mean diameter: 14.74

biggest trees: 24  maxdbh: 19  tallest trees: 69  average canopy height: 52

trees: ABLA, PSME, PIEN  
tree % cover: 40

shrubs: SOSC2  
shrub % 5

herbs: CLUN2  
herb % 15

quadratic mean diameter snags: 11.21  

snag height: 36  

snags per acre: 66.84

cwd % cover: 4  

pieces of cwd per acre: 75

Streams: none observed  
Wetlands: none observed

substrate: duff & litter  
CC_1: 3 AgeClass: 10-150

special habitat features and wildlife observations: none observed

Notes: stand of big trees with roads, building and radio towers.

Acres: 0.75  Observer: JR  Date: 7/16/2010
Polygon ID: 6

PA1: ABLA/XETE  PA1%: 100
PA2:  PA2%: 0
PA3:  PA3%: 0

number of canopy layers: 3  basal area: 143.66
canopy closure: 55  stand density index: 276.53
trees per acre: 250  quadratic mean diameter: 11.9

biggest trees: 17  maxdbh: 16  tallest trees: 64  average canopy height: 52

trees: PICO, ABLA, PIEN, TSHE  tree % cover: 60
shrubs: VAME, MEFE  shrub %: 19
herbs: XETE  herb %: 55

quadratic mean diameter snags: 10.17  snag height: 29  snags per acre: 217.16
cwd % cover: 11  pieces of cwd per acre: 280

Streams: mapped by PBI  Wetlands: none observed
substrate: duff & litter  CC_1: 4  AgeClass 40-100

special habitat features and wildlife observations:
many snags; many logs; contains mapped stream

Notes: Lots of snags & logs. Photos: 33-36

Polygon ID: 7

PA1: ABLA/XETE  PA1%: 70
PA2: ABLA/MEFE  PA2%: 30
PA3:  PA3%: 0

number of canopy layers: 3  
basal area: 122.24

canopy closure: 50  
stand density index: 223.47
trees per acre: 150  
quadratic mean diameter: 12.39

biggest trees: 18  maxdbh: 17  tallest trees: 71  
average canopy height: 60

trees: ABLA, ABGR, PICO, LAOC, PIMO, PSME  
tree % cover: 75

shrubs: VAAL3, RILA, ACGL, VAME, MEFE  
shrub % 32

herbs: MAST4, XETE, CLUN2, ELGL  
herb % 33

quadratic mean diameter snags: 10.27  
snag height: 31

snags per acre: 162.41

cwd % cover: 11  pieces of cwd per acre: 300

Streams: mapped by SEG & PBI  
Wetlands: none observed

substrate: duff & litter  
CC_1: 4  AgeClass 20-200

special habitat features and wildlife observations:
many snags; many logs; much regen; contains mapped stream

Notes: Photos: 56-60. Lots of snags, lots of logs, lots of ABLA & ABGR regen. 5-10 ft. high; rocky east part becomes MEFE.

Acres: 20.64  Observer: GW  Date: 6/29/2010
Polygon ID:  12

PA1:  ABLA/XETE  PA1%:  100  
PA2:  
PA3:  

number of canopy layers:  2  
canopy closure:  5  
trees per acre:  5  

basal area:  60  
stand density index:  90  
quadratic mean diameter:  11  

biggest trees:  14  
maxdbh:  14  
tallest trees:  55  
average canopy height: 40  

trees:  ABLA  

shrubs:  VAME  

herbs:  LUGLH, SETR, XETE  

quadratic mean diameter snags:  11  
snag height:  26  

snags per acre:  300  

cwd % cover:  35  

pieces of cwd per acre:  420  

Streams: none observed  

Wetlands: none observed  

substrate:  duff & litter  

CC_1:  2  
AgeClass  10-100  

special habitat features and wildlife observations:  
many logs; blowdown root rot patch  


Acres:  0.73  
Observer:  PM  
Date:  6/29/2010
**Polygon ID:** 13

**PA1:** ABLA/XETE  
**PA1%:** 100

**PA2:**  
**PA2%:** 0

**PA3:**  
**PA3%:** 0

- **number of canopy layers:** 2  
- **basal area:** 50  
- **canopy closure:** 5  
- **stand density index:** 100  
- **trees per acre:** 5  
- **quadratic mean diameter:** 11

- **biggest trees:** 14  
  - **maxdbh:** 14  
- **tallest trees:** 55  
- **average canopy height:** 40

- **trees:** ABLA  
  - **tree % cover:** 5

- **shrubs:** VAME  
  - **shrub %** 20

- **herbs:** LUGLH, SETR, CHAN9, XETE  
  - **herb %** 45

- **quadratic mean diameter snags:** 11  
  - **snag height:** 22  
  - **snags per acre:** 400

- **cwd % cover:** 40  
  - **pieces of cwd per acre:** 420

- **Streams:** none observed  
- **Wetlands:** none observed

- **substrate:** duff & litter  
- **CC_1:** 2  
  - **AgeClass:** 10-90

- **special habitat features and wildlife observations:**  
  - many logs; blowdown root rot patch

- **Notes:** Blowdown - root rot patch. Photos 31-32. LOTS OF STANDING SNAGS APPROX. 40/ACRE, 40-50 FT TALL, 8-14 INCH DBH, LOTS OF SMALL ABLA, LOTS OF LOGS 12 INCH DIA TO 6 INCH DIA.

- **Acres:** 1  
- **Observer:** PM  
- **Date:** 6/29/2010
Polygon ID: 14

PA1: ABLA/XETE  PA1%: 90
PA2: Developed  PA2%: 10
PA3:  PA3%: 0

number of canopy layers: 2  basal area: 110
canopy closure: 60  stand density index: 220
trees per acre: 150  quadratic mean diameter: 11.5

biggest trees: 17  maxdbh: 16  tallest trees: 58  average canopy height: 49

trees: ABLA  tree % cover: 65
shrubs: SOSC2, VAME  shrub %: 5
herbs: LUGLH, XETE  herb %: 10

quadratic mean diameter snags: 10.23  snag height: 25  snags per acre: 10
cwd % cover: 8  pieces of cwd per acre: 100

Streams: none observed  Wetlands: none observed
substrate: duff & litter  CC_1: 4  AgeClass 10-150

special habitat features and wildlife observations:
none observed

Notes: Patchy forest with some ski runs.

Acres: 0.2  Observer: PM  Date: 6/29/2010
Polygon ID: 28

<table>
<thead>
<tr>
<th>PA1</th>
<th>PA1%: 70</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABLA/VAME</td>
<td></td>
</tr>
<tr>
<td>PA2</td>
<td>PA2%: 30</td>
</tr>
<tr>
<td>ABLA/CAGE2</td>
<td></td>
</tr>
<tr>
<td>PA3</td>
<td>PA3%: 0</td>
</tr>
</tbody>
</table>

- number of canopy layers: 3
- canopy closure: 60
- trees per acre: 185
- basal area: 140
- stand density index: 270
- quadratic mean diameter: 11.7

biggest trees: 17  maxdbh: 16  tallest trees: 49  average canopy height: 41

| trees: ABLA | tree % cover: 60 |
| shrubs: VAME, SOS2 | shrub %: 5 |
| herbs: CAGE2, LUGLH, CARO5 | herb %: 5 |

quadratic mean diameter snags: 11  snag height: 20  snags per acre: 10

cwd % cover: 4  pieces of cwd per acre: 200

Streams: none observed  Wetlands: none observed
substrate: duff & litter  CC_1: 5  AgeClass 10-200

special habitat features and wildlife observations: none observed

Notes:

| Acres: 1.06 | Observer: GW | Date: 6/29/2010 |
Polygon ID:  41  

PA1: ABLA/XETE  PA1%:  50  
PA2: ABLA/TRCA  PA2%:  50  
PA3:  PA3%:  0  

number of canopy layers:  2  
canopy closure:  15  
trees per acre:  20  
basal area:  70  
stand density index:  140  
quadratic mean diameter:  12  

biggest trees:  14  maxdbh:  14  tallest trees:  54  average canopy height: 47  

trees:  ABLA, PIEN, PICO, LAOC  
shrub:  VAME, SAR2, RILA  
herbs:  XETE, CHAN9, VIGL, TRCA, SETR, ELGL  

quadratic mean diameter snags:  10.97  snag height:  29  snags per acre:  277.67  
cwd % cover:  20  pieces of cwd per acre:  420  
Streams: mapped by SEG  
Wetlands: none observed  
substrate: duff & litter  
CC_1: 3  AgeClass 100  

special habitat features and wildlife observations:  
much wood; contains mapped stream  

Notes:  Waypoint 008 (GW; 6/28); contains springs, > 50/ACRE SNAGS 10-15 INCH DBH, >100 LOGS 10-18 INCH DIA, LOTS OF BLOWDOWN, LOGS, SNAGS ROOT ROT  

Polygon ID: 42

PA1: ABLA/XETE  PA1%: 60
PA2: ABLA/VAME  PA2%: 40
PA3:  PA3%: 0

number of canopy layers: 2  basal area: 132.66
canopy closure: 40  stand density index: 238.83
trees per acre: 170  quadratic mean diameter: 12

biggest trees: 21  maxdbh: 19  tallest trees: 80  average canopy height: 76

trees: ABLA, PICO, LAOC, TSHE, ABGR, PIMO, PSME  tree % cover: 65
shrubs: VAME, ALVIS, MEFE, LIBO3  shrub %: 25
herbs: XETE, MAST4, SETR, ATFI  herb %: 57

quadratic mean diameter snags: 10.97  snag height: 33  snags per acre: 270.05
cwd % cover: 12  pieces of cwd per acre: 325
Streams: mapped by SEG  Wetlands: none observed
substrate: duff & litter  CC_1: 4 AgeClass 100-160

special habitat features and wildlife observations:
many snags; contains mapped stream

Notes: Overstory is mostly dead.

Acres: 30.54  Observer: GW, PM  Date: 6/29/2010

Friday, November 05, 2010
Polygon ID: 43

PA1: ABLA/MEFE PA1%: 60
PA2: ABLA/XETE PA2%: 40
PA3: PA3%: 0

number of canopy layers: 3  
basal area: 77.85

canopy closure: 50  
stand density index: 142.63

trees per acre: 95  
quadratic mean diameter: 12

biggest trees: 13  maxdbh: 12  tallest trees: 55  average canopy height: 50

trees: ABLA, LAOC, PICO, PIEN  
tree % cover: 55

shrubs: VAME, SOSC2, MEFE, VASC  
shrub %: 15

herbs: XETE, CLUN2  
herb %: 45

quadratic mean diameter snags: 12.06  
snag height: 33  
snags per acre: 118.55

cwd % cover: 12  pieces of cwd per acre: 303

Streams: mapped by SEG & PBI  
Wetlands: none observed

substrate: duff & litter  
CC_1: 5  AgeClass 20-125

special habitat features and wildlife observations:
many logs; contains mapped stream

Notes: Very shrubby understory.

Acres: 17.99  Observer: HS  Date: 7/16/2010
**Polygon ID:** 61

<table>
<thead>
<tr>
<th>PA1</th>
<th>TSHE/MEFE</th>
<th>PA1%: 70</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA2</td>
<td>TSHE/ATFI</td>
<td>PA2%: 30</td>
</tr>
<tr>
<td>PA3</td>
<td></td>
<td>PA3%: 0</td>
</tr>
</tbody>
</table>

- **number of canopy layers:** 2
- **basal area:** 153.49
- **canopy closure:** 70
- **stand density index:** 240
- **trees per acre:** 185
- **quadratic mean diameter:** 11.36

- **biggest trees:** 22, **maxdbh:** 20
- **tallest trees:** 90, **average canopy height:** 86

<table>
<thead>
<tr>
<th>trees:</th>
<th>TSHE, PSME, PICO, LAOC, ABLA</th>
</tr>
</thead>
<tbody>
<tr>
<td>shrubs:</td>
<td>VAME, MEF, ALVIS, RUPA, ARNU2</td>
</tr>
<tr>
<td>herbs:</td>
<td>CLUN2, ARCO9, TRCA, ELGL, ANPI</td>
</tr>
</tbody>
</table>

- **tree % cover:** 75
- **shrub %:** 28
- **herb %:** 54

- **quadratic mean diameter snags:** 12, **snag height:** 31, **snags per acre:** 173.56
- **cwd % cover:** 12, **pieces of cwd per acre:** 300

- **Streams:** mapped by SEG
- **Wetlands:** none observed
- **substrate:** duff & litter
- **CC_1:** 5, **AgeClass:** 10-200

**special habitat features and wildlife observations:**
-old growth forest; contains mapped stream

**Notes:** In PA1, stand has 2-3 streams that are TSHE/ATFI.

<table>
<thead>
<tr>
<th>Acres:</th>
<th>12.88</th>
</tr>
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<tbody>
<tr>
<td>Observer:</td>
<td>GW</td>
</tr>
<tr>
<td>Date:</td>
<td>6/29/2010</td>
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**Polygon ID:** 62

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
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<tbody>
<tr>
<td>PA1: ABLA/MEFE</td>
<td></td>
</tr>
<tr>
<td>PA1%: 60</td>
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</tr>
<tr>
<td>PA2: ABLA/XETE</td>
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</tr>
<tr>
<td>PA2%: 40</td>
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<td>PA3:</td>
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<tr>
<td>PA3%: 0</td>
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<tr>
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<td>basal area: 139.45</td>
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<tr>
<td>basal area: 139.45</td>
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<td>trees per acre: 200</td>
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<tr>
<td>stand density index: 248.94</td>
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<tr>
<td>quadratic mean diameter: 11.5</td>
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<tr>
<td>biggest trees: 19</td>
<td>maxdbh: 18</td>
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<tr>
<td>tallest trees: 79</td>
<td>average canopy height: 74</td>
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<tr>
<td>trees: ABLA, PICO, PIMO3, LAOC, PSME</td>
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<tr>
<td>shrubs: MEFE, VAME, LIBO3</td>
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<td>herbs: XETE</td>
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<tr>
<td>tree % cover: 65</td>
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<td>shrub %: 27</td>
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<td>herb %: 55</td>
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<tr>
<td>quadratic mean diameter snags: 11.29</td>
<td>snag height: 32</td>
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<td>snags per acre: 147.07</td>
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<tr>
<td>cwd % cover: 10</td>
<td>pieces of cwd per acre: 264</td>
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<tr>
<td>Streams: none observed</td>
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<tr>
<td>Wetlands: none observed</td>
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</tr>
<tr>
<td>substrate: duff &amp; litter</td>
<td>CC_1: 4</td>
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<tr>
<td>AgeClass 10-150</td>
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<tr>
<td>special habitat features and wildlife observations:</td>
<td></td>
</tr>
<tr>
<td>many snags; high PIMO regen</td>
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</tr>
<tr>
<td>Notes: Lots of snags &amp; PIMO regen.</td>
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</tr>
</tbody>
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| Acres: 17.97 | Observer: GW | Date: 7/16/2010 |
Polygon ID:  65

PA1:  TSHE/CLUN2  PA1%:  60
PA2:  ABGR/ACGL  PA2%:  40
PA3:  PA3%:  0

number of canopy layers:  3  basal area:  130
canopy closure:  80  stand density index:  220
trees per acre:  140  quadratic mean diameter:  12

biggest trees:  12  maxdbh:  12  tallest trees:  70  average canopy height:  60

trees:  ABGR, BEPA, POBAT, TSHE, THPL, PSME, LAOC  tree % cover:  90
shrubs:  ACGL, RUPA, ALVIS, LIBO3  shrub %:  5
herbs:  VIOR, CLUN2  herb %:  10

quadratic mean diameter snags:  13  snag height:  35  snags per acre:  100
cwd % cover:  8  pieces of cwd per acre:  200
Streams:  none observed  Wetlands:  none observed
substrate:  duff & litter  CC_1:  6  AgeClass  60

special habitat features and wildlife observations:
none observed

Notes:  Young stand, dense ABGR regen, POBAT, some TSHE

Acres:  5.67  Observer:  GW  Date:  6/29/2010
Polygon ID: 72

PA1: ABGR/ACGL/CLUN2   PA1%: 100
PA2:                        PA2%: 0
PA3:                        PA3%: 0

number of canopy layers: 3  basal area: 189.3
canopy closure: 85          stand density index: 345.99
trees per acre: 240          quadratic mean diameter: 12.01

biggest trees: 18  maxdbh: 18  tallest trees: 95  average canopy height: 90

trees: ABGR, PICO, LAOC, PSME
shrubs: ACGL, RUPA, VAME, SPBE2
herbs: CLUN2, MAST4, PYSE, TRCA, MOMA3

trees % cover: 90
shrubs %: 13
herb %: 18

quadratic mean diameter snags: 11.06  snag height: 43  snags per acre: 326.74

cwd % cover: 6  pieces of cwd per acre: 150

Streams: mapped by SEG  Wetlands: none observed
substrate: duff & litter  CC_1: 5  AgeClass 80-120

special habitat features and wildlife observations:
contains mapped stream

Notes: Photos 130-131

Acres: 18.72  Observer: PM, GW  Date: 6/29/2010
Polygon ID: 74

PA1: TSHE/CLUN2  PA1%: 80
PA2: TSHE/GYDR  PA2%: 20
PA3:  PA3%: 0

number of canopy layers: 3  basal area: 189.36
canopy closure: 80  stand density index: 387.42
trees per acre: 370  quadratic mean diameter: 11

biggest trees: 19  maxdbh: 19  tallest trees: 88  average canopy height: 84

trees: ABLA, TSHE, LAOC, PSME, PICO, ABGR  tree % cover: 85
shrubs: VAME, ACGL, CHUM, LIBO3  shrub %: 25
herbs: ARLA8, CLUN2, TITRU, XETE  herb %: 17

quadratic mean diameter snags: 10.34  snag height: 29  snags per acre: 301.23

cwd % cover: 12  pieces of cwd per acre: 275
Streams: none observed  Wetlands: none observed
substrate: duff & litter  CC_1: 6 AgeClass 150

Notes:

### Polygon ID: 75

<table>
<thead>
<tr>
<th>PA1: TSHE/CLUN2</th>
<th>PA1%: 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA2:</td>
<td>PA2%: 0</td>
</tr>
<tr>
<td>PA3:</td>
<td>PA3%: 0</td>
</tr>
</tbody>
</table>

- **number of canopy layers:** 3
- **basal area:** 159.5
- **canopy closure:** 90
- **stand density index:** 260.95
- **trees per acre:** 165
- **quadratic mean diameter:** 14.03

- **biggest trees:** 24  **maxdbh:** 21  **tallest trees:** 85  **average canopy height:** 80

- **trees:** ABGR, BEPA, LAOC, PSME, TSHE, PICO  **tree % cover:** 95
- **shrubs:** ACGL, VAME, RILA, LIBO3  **shrub %** 5
- **herbs:** MAST4, ARLA8, MOMA3, CLUN2, XETE, PYPI2  **herb %** 15

- **quadratic mean diameter snags:** 15.8  **snag height:** 53  **snags per acre:** 188.17
- **cwd % cover:** 10  **pieces of cwd per acre:** 254

- **Streams:** mapped by PBI  **Wetlands:** contains wetland
- **substrate:** duff & litter  **CC_1:** 5  **AgeClass** 120-200

**special habitat features and wildlife observations:**
- old growth forest; contains mapped stream and small wetland

**Notes:** Photos 83-85, 106-108. (109-110 moist swale ALVIS-Mesic Forbs)

**Acres:** 17.56  **Observer:** PM  **Date:** 6/29/2010
Polygon ID: 76

PA1: ABLA/XETE  PA1%: 50
PA2: ABLA/TRCA  PA2%: 50
PA3:  PA3%: 0

number of canopy layers: 3  
canopy closure: 75  
trees per acre: 185

basal area: 147.94  
stand density index: 262.36  
quadratic mean diameter: 12.34

trees:  ABLA, LAOC, PICO, ABGR, PSME  
shrub:  VAME, CHUM, RUPA, ACGL  
herbs:  ANPI, CLUN2, ARCO9, XETE

tree % cover: 80

biggest trees: 20  
maxdbh: 19  
tallest trees: 86  
average canopy height: 80

tree % cover: 80

quadratic mean diameter snags: 10.93  
maxdbh: 19  
cwd % cover: 7  
maxdbh: 19  

snag height: 45  
average height: 45  
snags per acre: 90.41

snags per acre: 90.41

Streams: mapped by SEG & PBI  
Wetlands: none observed

substrate: duff & litter  
CC_1: 5  
AgeClass: 100

special habitat features and wildlife observations:
contains mapped stream

Notes: Photos 61-62. Photos of stream: 63-65 ABLA/TRCA, photos 72-74 lower

Acres: 41.94  
Observer: PM, GW  
Date: 6/29/2010
Polygon ID: 85

<table>
<thead>
<tr>
<th>PA1</th>
<th>TSHE/CLUN2</th>
<th>PA1%: 70</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA2</td>
<td>ABLA/XETE</td>
<td>PA2%: 30</td>
</tr>
<tr>
<td>PA3</td>
<td></td>
<td>PA3%: 0</td>
</tr>
</tbody>
</table>

number of canopy layers: 3  
basal area: 134.54

canopy closure: 70  
stand density index: 254.1

trees per acre: 200  
quadratic mean diameter: 11.35

biggest trees: 18  
maxdbh: 17  
tallest trees: 77  
average canopy height: 68

trees: TSHE, PSME, LAOC, ABLA, PICO, ABGR  
tree % cover: 80

shrubs: VAME, LIBO3  
shrub %: 26

herbs: TRCA, CLUN2, XETE, PYAS  
herb %: 23

quadratic mean diameter snags: 10.05  
nag height: 29  
snags per acre: 155.74

cwd % cover: 12  
pieces of cwd per acre: 320

Streams: mapped by SEG  
Wetlands: none observed

substrate: duff & litter  
CC_1: 5  
AgeClass: 50-150

special habitat features and wildlife observations:
contains mapped stream

Notes: Transition between ABLA/XETE and TSHE below.

Acres: 8.23  
Observer: GW  
Date: 7/16/2010
Polygon ID: 101

PA1: ABLA/VAME  PA1%: 100
PA2:          PA2%: 0
PA3:          PA3%: 0

number of canopy layers: 2  basal area: 65.56
canopy closure: 10  stand density index: 124.26
trees per acre: 20  quadratic mean diameter: 11.5

biggest trees: 14  maxdbh: 14  tallest trees: 40  average canopy height: 38

trees: ABLA, PIEN, PICO, PSME, TSHE  tree % cover: 25
shrubs: RILA, SARA2, VAME  shrub %: 20
herbs: CHAN9, TRCA, MAST4  herb %: 45

quadratic mean diameter snags: 11.88  snag height: 27  snags per acre: 150.87

cwd % cover: 20  pieces of cwd per acre: 420
Streams: mapped by SEG  Wetlands: contains wetland
substrate: duff & litter  CC_1: 3  AgeClass: 40

special habitat features and wildlife observations:
springs present; many logs; contains mapped stream and small wetland

Notes: contains springs; see waypoints

Acres: 8.16  Observer: GW  Date: 6/29/2010
Polygon ID: 109

PA1: TSHE/CLUN2  PA1%: 100
PA2:  PA2%: 0
PA3:  PA3%: 0

number of canopy layers: 2  basal area: 120
canopy closure: 50  stand density index: 200
trees per acre: 140  quadratic mean diameter: 12

biggest trees: 11  maxdbh: 11  tallest trees: 70  average canopy height: 60

trees: TSHE, PSME, LAOC, ABLA, ABGR  tree % cover: 60
shrubs: VAME, ACGL, ALVIS, RUPA  shrub %: 4
herbs: ARLA8, MAST4, MOMA3, CLUN2  herb %: 15

quadratic mean diameter snags: 10  snag height: 35  snags per acre: 200

cwd % cover: 6  pieces of cwd per acre: 200
Streams: none observed  Wetlands: none observed

substrate: duff & litter  CC_1: 5  AgeClass: 150-250

special habitat features and wildlife observations:
none observed

Notes: Photos 101-103, lower area photos 118-119.

Acres: 0.48  Observer: PM  Date: 6/29/2010
Polygon ID: 111

PA1: ABLA/XETE  PA1%: 100
PA2:       PA2%: 0
PA3:       PA3%: 0

number of canopy layers: 2  basal area: 133.24
canopy closure: 60  stand density index: 254.96
trees per acre: 150  quadratic mean diameter: 11.58

biggest trees: 17  maxdbh: 16  tallest trees: 56  average canopy height: 46

trees: ABLA  tree % cover: 60
shrubs: VAME, SOSC2  shrub %: 5
herbs: XETE, LUGLH  herb %: 10

quadratic mean diameter snags: 10.15  snag height: 24  snags per acre: 10

cwd % cover: 7  pieces of cwd per acre: 100

Streams: none observed  Wetlands: none observed
substrate: duff & litter  CC_1: 5  AgeClass 10-200

special habitat features and wildlife observations:
none observed

Notes:

Acres: 0.08  Observer: GW  Date: 6/29/2010
**Polygon ID:** 123

<table>
<thead>
<tr>
<th>PA1:</th>
<th>ABLA/XETE</th>
<th>PA1%: 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA2:</td>
<td></td>
<td>PA2%: 0</td>
</tr>
<tr>
<td>PA3:</td>
<td></td>
<td>PA3%: 0</td>
</tr>
</tbody>
</table>

- Number of canopy layers: 2
- Canopy closure: 25
- Basal area: 37.24
- Number of trees per acre: 40
- Stand density index: 65.68
- Quadratic mean diameter: 12.6

<table>
<thead>
<tr>
<th>Biggest trees: 16</th>
<th>Maxdbh: 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tallest trees: 50</td>
<td>Average canopy height: 41</td>
</tr>
</tbody>
</table>

- Trees: ABLA, PSME, PICO
- Shrubs: VAME
- Herbs: XETE, CAGE2

<table>
<thead>
<tr>
<th>Quadratic mean diameter snags: 11.19</th>
<th>Snag height: 11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trees % cover: 35</td>
<td>Shrub % cover: 30</td>
</tr>
<tr>
<td>Herb % cover: 29</td>
<td>Snags per acre: 33.48</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CWD % cover: 10</th>
<th>Pieces of CWD per acre: 240</th>
</tr>
</thead>
<tbody>
<tr>
<td>Streams: none observed</td>
<td>Wetlands: none observed</td>
</tr>
<tr>
<td>Substrate: duff &amp; litter</td>
<td>CC_1: 4 AgeClass: 50-150</td>
</tr>
</tbody>
</table>

- Special habitat features and wildlife observations: none observed
- Notes: Photos JR491-92. Trails.

---

**Acres:** 0.56  **Observer:** JR  **Date:** 7/16/2010
Polygon ID: 137

PA1: TSHE/XETE PA1%: 60
PA2: ABLA/MEFE PA2%: 40
PA3: PA3%: 0

number of canopy layers: 2  basal area: 157.71
canopy closure: 90  stand density index: 317.14
trees per acre: 350  quadratic mean diameter: 9.33

biggest trees: 20  maxdbh: 20  tallest trees: 94  average canopy height: 93

trees: ABLA, TSHE, PICO, PSME, LAOC, ABGR, PIMO3  tree % cover: 95
shrubs: MEFE, VAME  shrub %: 8
herbs: XETE, ARCO9, CLUN2  herb %: 28

quadratic mean diameter snags: 12  snag height: 17  snags per acre: 101.72
cwd % cover: 12  pieces of cwd per acre: 260

Streams: none observed  Wetlands: none observed

substrate: duff & litter  CC_1: 6  AgeClass: 50-250

special habitat features and wildlife observations:
old growth forest

Notes: Peter's Photos of area (43-45) (from what was 164)

Polygon ID: 144

PA1: ABLA/MEFE  PA1%: 50
PA2: ABLA/XETE  PA2%: 50
PA3:  PA3%: 0

number of canopy layers: 2  basal area: 87.48
canopy closure: 15  stand density index: 148.39
trees per acre: 30  quadratic mean diameter: 12.39

biggest trees: 19  maxdbh: 15  tallest trees: 55  average canopy height: 45

trees: ABLA, PSME, PIMO3, PIEN  tree % cover: 35
shrubs: VAME, MEF  shrub %: 20
herbs: EPILO, XETE  herb %: 30

quadratic mean diameter snags: 12.47  snag height: 25  snags per acre: 72.61
cwd % cover: 12  pieces of cwd per acre: 280

Streams: none observed  Wetlands: none observed
substrate: duff & litter  CC_1: 3  AgeClass 5-125

Notes: Older blowdown from ca 20 years ago; not much regen.
Polygon ID: 183

PA1: PHDI3/FEVI-HICY  PA1%: 100
PA2:  PA2%: 0
PA3:  PA3%: 0

number of canopy layers: 2
basal area: 10

canopy closure: 2
stand density index: 50

trees per acre: 5
quadratic mean diameter: 12

biggest trees: 18  maxdbh: 8  tallest trees: 38  average canopy height: 36

trees: ABLA  tree % cover: 2
shrubs: PHDI3  shrub %: 3
herbs: HICY, ACMI2, FEVI, FEID  herb %: 60

quadratic mean diameter snags: 11.07  snag height: 24  snags per acre: 5

cwd % cover: 3  pieces of cwd per acre: 30

Streams: none observed  Wetlands: none observed

substrate: sandy loam  CC_1: 1  AgeClass: 10

special habitat features and wildlife observations:
special PA

Notes: Small meadow patch, 1 unknown herb collected.

Acres: 0.44  Observer: PM  Date: 6/29/2010
Polygon ID: 184

PA1: FEVI-FEID  PA1%: 50
PA2: PHDI3/ARCA7-IOST  PA2%: 50
PA3:  PA3%: 0

number of canopy layers: 2  basal area: 40
canopy closure: 5  stand density index: 50
trees per acre: 5  quadratic mean diameter: 11

biggest trees: 16  maxdbh: 16  tallest trees: 55  average canopy height: 40

trees: ABLA  tree % cover: 5
shrubs: PHDI3, VAME  shrub %: 5
herbs: HICY, ARCA7, CARO2, JUPA, FEVI, FEID, LULE3, XETE, IOST  herb %: 60

quadratic mean diameter snags: 10.92  snag height: 10  snags per acre: 0.5

cwd % cover: 1  pieces of cwd per acre: 10
Streams: none observed  Wetlands: none observed
substrate: sandy loam  CC_1: 2  AgeClass 10

special habitat features and wildlife observations:
special PA

Notes: DENSE CARO2, SOME ABLA2 ENCROACHMENT. Shrub like Haplopappus.

Acres: 0.7  Observer: GW, PM  Date: 6/29/2010
Polygon ID: 185

PA1: FEVI-FEID  PA1%: 50
PA2: PHDI3/FEVI-HICY  PA2%: 50
PA3: PA3%: 0

number of canopy layers: 2  basal area: 30
canopy closure: 5  stand density index: 50
trees per acre: 5  quadratic mean diameter: 10.86

biggest trees: 14  maxdbh: 14  tallest trees: 43  average canopy height: 40

trees: ABLA  tree % cover: 5
shrubs: PHDI3, VAME, SOSCA2  shrub %: 3
herbs: FEVI, HICY, LUPIN, ARCA7  herb %: 60

quadratic mean diameter snags: 10.57  snag height: 10  snags per acre: 0.5

cwd % cover: 1  pieces of cwd per acre: 20
Streams: none observed  Wetlands: none observed
substrate: sandy loam  CC_1: 1  AgeClass 15

special habitat features and wildlife observations:
special PA

Notes:

Acres: 1.54  Observer: GW  Date: 6/29/2010
Polygon ID: 189

PA1: TSHE/ATFI  PA1%: 95
PA2: RILA/Talus  PA2%: 5
PA3:  PA3%: 0

canopy closure: 80  stand density index: 456.85
trees per acre: 250  quadratic mean diameter: 11.63

number of canopy layers: 3  basal area: 246.74
trees: TSHE, ABGR, THPL, LAOC, PICO, ABLA  tree % cover: 85
shrubs: RUPA, ACGL, RILA  shrub %: 16
herbs: ATFI, GYDR, TITRU  herb %: 25

biggest trees: 20  maxdbh: 20  tallest trees: 95  average canopy height: 90

quadratic mean diameter snags: 11.66  snag height: 34  snags per acre: 199.34

cwd % cover: 12  pieces of cwd per acre: 275

Streams: mapped by SEG  Wetlands: none observed
substrate: duff & litter  CC_1: 5  AgeClass 100-200

special habitat features and wildlife observations:
old growth forest, stream present; RILA Talus is unique; special PA; contains mapped stream

Notes: Stream, photos 132-134. Patch of RILA/Talus seen Aug 29., just below main confluence of multiple streams.

Acres: 3.43  Observer: PM, GW  Date: 6/29/2010
Polygon ID: 202

PA1: TSHE/MEFE  PA1%: 80
PA2: TSHE/ATFI  PA2%: 20
PA3:  PA3%: 0

number of canopy layers: 3  basal area: 162.2
canopy closure: 85  stand density index: 327.23
trees per acre: 230  quadratic mean diameter: 9.54

biggest trees: 20  maxdbh: 20  tallest trees: 99  average canopy height: 98

trees: TSHE, PICO, PIMO, ABGR, LAOC,

shrubs: MEFE, RUPA, VAME

herbs: CLUN2, ARCO9, ATFI

quadratic mean diameter snags: 11.34  snag height: 31  snags per acre: 84.52

cwd % cover: 12  pieces of cwd per acre: 300
Streams: none observed  Wetlands: none observed

substrate: duff & litter  CC_1: 6  AgeClass 40-200

special habitat features and wildlife observations:
old growth forest

Notes:

Acres: 0.05  Observer: GW  Date: 6/29/2010
Polygon ID: 227

PA1: TSHE/GYDR  PA1%: 50
PA2: TSHE/ATFI  PA2%: 50
PA3:  PA3%: 0

number of canopy layers: 3  basal area: 150
canopy closure: 85  stand density index: 270.21
trees per acre: 230  quadratic mean diameter: 11.3

biggest trees: 22  maxdbh: 20  tallest trees: 100  average canopy height: 95

trees: TSHE, ABGR, PIEN, ABLA, LAOC, PIMO3  tree % cover: 90
shrubs: ACGL, MEFE, RILA, ALVIS  shrub %: 25
herbs: ATFI, GYDR, CLUN2, ARCO9, PYAS  herb %: 52

quadratic mean diameter snags: 12.89  snag height: 28  snags per acre: 133.54
cwd % cover: 12  pieces of cwd per acre: 302

Streams: mapped by SEG & PBI  Wetlands: none observed
substrate: duff & litter  CC_1: 6  AgeClass 150-250

special habitat features and wildlife observations:
old growth forest; contains mapped stream

Notes: Photos 46-51 east fork

Acres: 14.89  Observer: PM, GW  Date: 6/29/2010
**Polygon ID:** 228

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
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<tbody>
<tr>
<td><strong>PA1:</strong></td>
<td>ABLA/MEFE</td>
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<tr>
<td><strong>PA2:</strong></td>
<td>ABLA/XETE</td>
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<tr>
<td><strong>PA3:</strong></td>
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</tr>
<tr>
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</tr>
<tr>
<td>canopy closure:</td>
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<tr>
<td>trees per acre:</td>
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<tr>
<td><strong>basal area:</strong></td>
<td>80</td>
</tr>
<tr>
<td><strong>stand density index:</strong></td>
<td>150</td>
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<tr>
<td><strong>trees per acre:</strong></td>
<td>20</td>
</tr>
<tr>
<td><strong>quadratic mean diameter:</strong></td>
<td>12</td>
</tr>
</tbody>
</table>

**biggest trees:** 13, **maxdbh:** 12, **tallest trees:** 55, **average canopy height:** 50

**trees:** TSHE, ABLA, LAOC, PICO

**shrub %**

**herb %**

**quadratic mean diameter snags:** 12, **snag height:** 33, **snags per acre:** 100

**cwd % cover:** 12, **pieces of cwd per acre:** 300

**Streams:** none observed

**Wetlands:** none observed

**substrate:** duff & talus

**CC_1:** 5, **AgeClass:** 150

**Notes:**

**Acres:** 0.01  **Observer:** GW  **Date:** 6/29/2010
Polygon ID: 229

PA1: TSHE/XETE  PA1%: 100
PA2:               PA2%: 0
PA3:               PA3%: 0

number of canopy layers: 2  basal area: 150
canopy closure: 90  stand density index: 310
trees per acre: 350  quadratic mean diameter: 10

biggest trees: 20  maxdbh: 19  tallest trees: 97  average canopy height: 96

trees: TSHE, PIMO3, PICO  tree % cover: 95
shrubs: VAME, MEFIE  shrub %: 8
herbs: XETE, PYPI2, CLUN2  herb %: 25

quadratic mean diameter snags: 12  snag height: 26  snags per acre: 100
cwd % cover: 12  pieces of cwd per acre: 260

Streams: mapped by SEG  Wetlands: none observed
substrate: duff & litter  CC_1: 6  AgeClass 50-150

special habitat features and wildlife observations:
contains mapped stream

Notes:

Acres: 0.83  Observer: GW  Date: 6/29/2010
Polygon ID: 232

PA1: TSHE/ATFI  PA1%: 20
PA2: ABGR/ACGL/CLUN2  PA2%: 80
PA3:  PA3%: 0

number of canopy layers: 3  basal area: 160.79
canopy closure: 90  stand density index: 273.88
trees per acre: 150  quadratic mean diameter: 15.04

biggest trees: 23  maxdbh: 22  tallest trees: 85  average canopy height: 80
trees: TSHE, ABGR, LAOC  tree % cover: 95
shrubs: ACGL  shrub %: 7
herbs: ATFI, ACRU2, CLUN2, TRCA  herb %: 16
quadratic mean diameter snags: 13.45  snag height: 46  snags per acre: 201.42
cwd % cover: 7  pieces of cwd per acre: 233
Streams: mapped by SEG  Wetlands: none observed
substrate: duff & litter  CC_1: 6  AgeClass 150-200

special habitat features and wildlife observations:
old growth forest, stream present; contains mapped stream

Notes: Stream. This data from road crossing

Acres: 2.34  Observer: PM, GW  Date: 6/29/2010
Polygon ID: 234

PA1: TSHE/CLUN2  PA1%: 70
PA2: ABGR/VAME/CLUN2  PA2%: 30
PA3:  PA3%: 0

number of canopy layers: 3  
basal area: 160.93

canopy closure: 80  
stand density index: 317.93

trees per acre: 280  
quadratic mean diameter: 10.86

biggest trees: 19  
maxdbh: 18  
tallest trees: 85  
average canopy height: 80

trees: TSHE, ABGR, LAOC, PICO  
tree % cover: 85

shrubs: VAME, LIBO3, RUPA  
shrub %: 31

herbs: CLUN2, XETE  
herb %: 25

quadratic mean diameter snags: 10.31  
snag height: 29  
snags per acre: 231.33

cwd % cover: 12  
pieces of cwd per acre: 275

Streams: mapped by SEG  
Wetlands: none observed

substrate: duff & litter  
CC_1: 6  
AgeClass 20-150

special habitat features and wildlife observations:
contains mapped stream

Notes:

Acres: 0.15  
Observer: GW  
Date: 6/29/2010
Polygon ID: 236

PA1: TSHE/GYDR   PA1%: 35
PA2: TSHE/ATFI   PA2%: 20
PA3: TSHE/CLUN2   PA3%: 45

number of canopy layers: 3  basal area: 123.93
canopy closure: 75  stand density index: 270
trees per acre: 140  quadratic mean diameter: 11.01


trees: ABGR, TSHE, PSME, ABLA, LAOC  tree % cover: 80
shrubs: RUPA, ACGL, RILA  shrub %: 15
herbs: ATFI, GYDR  herb %: 75

quadratic mean diameter snags: 16.41  snag height: 86  snags per acre: 12.65
cwd % cover: 8  pieces of cwd per acre: 280

Streams: mapped by SEG  Wetlands: none observed
substrate: duff & litter  CC_1: 6  AgeClass 50-300

special habitat features and wildlife observations:
old growth forest; contains mapped stream

Notes:

Acres: 0.46  Observer: GW  Date: 6/29/2010
**Polygon ID:** 239

<table>
<thead>
<tr>
<th>PA1</th>
<th>PA1%: 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALVIS/Mesic Forb</td>
<td>PA2%: 0</td>
</tr>
<tr>
<td>PA2</td>
<td></td>
</tr>
<tr>
<td>PA3</td>
<td>PA3%: 0</td>
</tr>
<tr>
<td>number of canopy layers: 3</td>
<td>basal area: 100</td>
</tr>
<tr>
<td>canopy closure: 15</td>
<td>stand density index: 120</td>
</tr>
<tr>
<td>trees per acre: 150</td>
<td>quadratic mean diameter: 11.77</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>biggest trees: 20</th>
<th>maxdbh: 18</th>
<th>tallest trees: 81</th>
<th>average canopy height: 71</th>
</tr>
</thead>
</table>

| trees: ABLA                        | tree % cover: 25 |
| shrubs: ALVIS, RILA                | shrub % 25 |
| herbs: ATF1, CLCO3, MEPA, ACRU2, VIGL, SETR | herb % 35 |

<table>
<thead>
<tr>
<th>quadratic mean diameter snags: 9.59</th>
<th>snag height: 30</th>
<th>snags per acre: 187.99</th>
</tr>
</thead>
<tbody>
<tr>
<td>cwd % cover: 2</td>
<td>pieces of cwd per acre: 80</td>
<td></td>
</tr>
<tr>
<td>Streams: mapped by PBI</td>
<td>Wetlands: wetland</td>
<td></td>
</tr>
<tr>
<td>substrate: histosol</td>
<td>CC_1: AgeClass 25</td>
<td></td>
</tr>
</tbody>
</table>

| special habitat features and wildlife observations: |
| moose and deer use; wetland; special PA; contains mapped stream |

**Notes:** Photos 52-55. Wetland - moose & deer signs.

| Acres: 0.91 | Observer: PM | Date: 6/29/2010 |
**Polygon ID:**  240

**PA1:**  ABLA/TRCA  
**PA1%:**  50

**PA2:**  ALVIS/Mesic Forb  
**PA2%:**  50

**PA3:**  
**PA3%:**  0

**number of canopy layers:**  3  
**basal area:**  120

**canopy closure:**  30  
**stand density index:**  254.31

**trees per acre:**  50  
**quadratic mean diameter:**  11.48

**biggest trees:**  21  
**maxdbh:**  20  
**tallest trees:**  90  
**average canopy height:**  85

**trees:**  ABLA, ABGR  
**tree % cover:**  35

**shrubs:**  ALVIS, RILA  
**shrub %**  34

**herbs:**  TRCA, SETR, CICO3, ELGL, MEPA, ACRU2  
**herb %**  45

**quadratic mean diameter snags:**  11  
**snag height:**  30  
**snags per acre:**  10

**cwd % cover:**  4  
**pieces of cwd per acre:**  50

**Streams:**  mapped by SEG  
**Wetlands:**  wetland

**substrate:**  duff & litter  
**CC 1:**  3  
**AgeClass:**  25

**special habitat features and wildlife observations:**

wetland; moose and deer use; special PA; contains mapped stream

**Notes:**  Photos 66-71. Moose & deer signs. Wetland.

**Acres:**  0.34  
**Observer:**  PM  
**Date:**  6/29/2010
Polygon ID: 254

PA1: ALVIS/Mesic Forb  PA1%: 50
PA2: ABLA/TRCA  PA2%: 50
PA3:  PA3%: 0

number of canopy layers: 3  basal area: 100
canopy closure: 25  stand density index: 80
trees per acre: 30  quadratic mean diameter: 11

biggest trees: 22  maxdbh: 20  tallest trees: 75  average canopy height: 70

trees: ABLA  tree % cover: 30
shrubs: ALVIS, RILA  shrub %: 60
herbs: ATF1, CLCO3, MAST4, SETR, MEPA  herb %: 48

quadratic mean diameter snags: 10  snag height: 30  snags per acre: 5

cwd % cover: 1  pieces of cwd per acre: 20
Streams: none observed  Wetlands: wetland
substrate: histosol  CC_1: 2  AgeClass: 30

special habitat features and wildlife observations:
moose and deer use; wetland; special PA

Notes: Photos 75-78. Wetland. Moose & deer, lush.

Acres: 0.66  Observer: PM  Date: 6/29/2010
Polygon ID: 272

PA1: FEVI-FEID  PA1%: 80
PA2: ABLA/VAME  PA2%: 20
PA3:  PA3%: 0

number of canopy layers: 3  basal area: 60
canopy closure: 10  stand density index: 80
trees per acre: 50  quadratic mean diameter: 11

biggest trees: 17  maxdbh: 17  tallest trees: 55  average canopy height: 40

trees: ABLA  tree % cover: 10
shrubs: VAME  shrub %: 5
herbs: FEVI, ACMI2, HICY  herb %: 60

quadratic mean diameter snags: 10.62  snag height: 10  snags per acre: 0.5
cwd % cover: 1  pieces of cwd per acre: 20
Streams: none observed  Wetlands: none observed
substrate: sandy loam  CC_1: 3  AgeClass: 40

Notes:

Acres: 1.62  Observer: GW  Date: 6/29/2010
Polygon ID:      283

PA1:     ABLA/ATFI                      PA1%:    100
PA2:                      PA2%:    0
PA3:                      PA3%:    0

number of canopy layers: 2      basal area: 68.71
canopy closure: 22          stand density index: 220
trees per acre: 50            quadratic mean diameter: 12.01

biggest trees: 16      maxdbh: 15      tallest trees: 53      average canopy height: 45

trees: ABLA, TSHE, PICO, PIEN
shrubs: SARA2, VAME, RILA
herbs: ATFI, SETR, TRCA

tree % cover: 35
shrub % 35
herb % 66

quadratic mean diameter snags: 10.93      snag height: 32      snags per acre: 305.26

cwd % cover: 30      pieces of cwd per acre: 500

Streams: mapped by SEG & PBI
Wetlands: none observed

substrate: duff & litter
CC_1: 3    AgeClass 10-100

special habitat features and wildlife observations:
many logs; contains mapped stream

Notes:

Acres:    2.04    Observer:    GW    Date:    6/29/2010
Polygon ID: 286

PA1: Talus                PA1%: 100
PA2:                        PA2%: 0
PA3:                        PA3%: 0

number of canopy layers: 2  basal area: 60
canopy closure: 25          stand density index: 120
trees per acre: 60           quadratic mean diameter: 8

biggest trees: 16  maxdbh: 14  tallest trees: 44  average canopy height: 35

trees: ABLA  tree % cover: 30
shrubs: VAME  shrub %: 5
herbs: XETE  herb %: 5

quadratic mean diameter snags: 10.15  snag height: 10  snags per acre: 0.5

cwd % cover: 5  pieces of cwd per acre: 100

Streams: none observed  Wetlands: none observed
substrate: talus  CC_1: 3  AgeClass: 10-200

special habitat features and wildlife observations:
good pika habitat

Notes:

Acres: 0.22  Observer: GW  Date: 9/9/2010
**Polygon ID:** 287

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</table>

- **number of canopy layers:** 2
- **canopy closure:** 10
- **trees per acre:** 30

- **basal area:** 60
- **stand density index:** 100
- **quadratic mean diameter:** 8

- **biggest trees:** 16
- **maxdbh:** 14
- **tallest trees:** 50
- **average canopy height:** 35

- **trees:** ABLA
- **shrubs:**
- **herbs:** XETE

- **quadratic mean diameter snags:** 10.26
- **snag height:** 10
- **snags per acre:** 0.5

- **cwd % cover:** 5
- **pieces of cwd per acre:** 50

- **Streams:** none observed
- **Wetlands:** none observed

- **substrate:** talus

- **CC_1:** 2 AgeClass 10-200

**special habitat features and wildlife observations:**
- good pika habitat

**Notes:**

**Acres:** 0.06  **Observer:** GW  **Date:** 9/9/2010
Polygon ID: 288

PA1: ABLA/XETE  PA1%: 80
PA2: Talus  PA2%: 20
PA3:  PA3%: 0

number of canopy layers: 2  basal area: 120
canopy closure: 40  stand density index: 200
trees per acre: 180  quadratic mean diameter: 11.7

biggest trees: 16  maxdbh: 16  tallest trees: 55  average canopy height: 40

trees: ABLA  tree % cover: 50
shrubs: VAME  shrub %: 4
herbs: XETE, CAGE2  herb %: 5

quadratic mean diameter snags: 11  snag height: 10  snags per acre: 0.5
cwd % cover: 5  pieces of cwd per acre: 100

Streams: none observed  Wetlands: none observed
substrate: vegetated talus  CC_1: 4  AgeClass: 10-200

Notes:

Acres: 0.14  Observer: GW  Date: 6/29/2010
Polygon ID: 289

PA1: Talus  PA1%: 95
PA2: ABLA/XETE  PA2%: 3
PA3: Developed  PA3%: 2

number of canopy layers: 1  basal area: 3
canopy closure: 2  stand density index: 5
trees per acre: 10  quadratic mean diameter: 8

biggest trees: 9  maxdbh: 9  tallest trees: 45  average canopy height: 0

trees: ABLA, LAOC  tree % cover: 2
shrubs: SOSC2  shrub %: 0
herbs: HISC, FEVI, XETE, ERUMM  herb %: 1

quadratic mean diameter snags: 10  snag height: 0  snags per acre: 0.5
cwd % cover: 0  pieces of cwd per acre: 0
Streams: none observed  Wetlands: none observed
substrate: talus  CC_1: 2  AgeClass 100-150

special habitat features and wildlife observations:
good pika habitat, pikas present

Notes: LARGE TALUS BLOCKS & A FEW TREE PATCHES

Acres: 3.58  Observer: PM, AY  Date: 8/28/2010
### Polygon ID: 290

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<tr>
<td>Shrubs:</td>
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<tr>
<td>Herbs:</td>
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<tr>
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<tr>
<td>Special habitat features and wildlife observations:</td>
<td>good pika habitat</td>
</tr>
</tbody>
</table>

**Notes:**

**Acres:** 0.16  **Observer:** GW  **Date:** 6/29/2010
Polygon ID: 291

PA1: Talus  PA1%: 100
PA2:  PA2%: 0
PA3:  PA3%: 0

number of canopy layers: 2  basal area: 10
canopy closure: 5  stand density index: 20
trees per acre: 5  quadratic mean diameter: 8

biggest trees: 9  maxdbh: 9  tallest trees: 45  average canopy height: 0

trees: ABLA  tree % cover: 5
shrubs:  shrub % 0
herbs:  herb % 0

quadratic mean diameter snags: 10  snag height: 0  snags per acre: 0.5

cwd % cover: 0  pieces of cwd per acre: 0
Streams: none observed  Wetlands: none observed
substrate: talus  CC_1: 3  AgeClass 10-200

special habitat features and wildlife observations:
good pika habitat

Notes:

Acres: 0.24  Observer: GW  Date: 6/29/2010
Polygon ID: 296

PA1: ABLA/XETE  PA1%: 50
PA2: ABLA/VAME  PA2%: 50
PA3:  PA3%: 0

number of canopy layers: 3  basal area: 153.82
canopy closure: 60  stand density index: 285.31
trees per acre: 200  quadratic mean diameter: 11.53

trees: ABLA, PSME, LAOC, PICO, TSHE  tree % cover: 75
shrubs: VAME, MEF  shrub %: 20
herbs: EPAN, CYFR2, ARCO9, CLUN2, XETE  herb %: 11

biggest trees: 19  maxdbh: 17  tallest trees: 78  average canopy height: 68

quadratic mean diameter snags: 9.63  snag height: 28  snags per acre: 220.43
cwd % cover: 14  pieces of cwd per acre: 366

Streams: none observed  Wetlands: none observed
substrate: duff & litter and talus  CC_1: 5  AgeClass 10-150

special habitat features and wildlife observations:
possible pika habitat

Notes: vegetated talus; continues up hill beyond the polygon; visited stand 2 times.

Acres: 1.03  Observer: GW  Date: 6/29/2010
### Polygon ID: 298

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<td>Stand density index</td>
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<td>Quadratic mean diameter</td>
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<table>
<thead>
<tr>
<th>Biggest trees</th>
<th>maxdbh</th>
<th>Tallest trees</th>
<th>Average canopy height</th>
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<tbody>
<tr>
<td>9</td>
<td>9</td>
<td>45</td>
<td>0</td>
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<table>
<thead>
<tr>
<th>Trees</th>
<th>ABLA</th>
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<tr>
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<table>
<thead>
<tr>
<th>Shrubs</th>
<th>VAME, SOSC2</th>
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<tbody>
<tr>
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<table>
<thead>
<tr>
<th>Herbs</th>
<th>XETE</th>
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</thead>
<tbody>
<tr>
<td>Herb %</td>
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</tbody>
</table>

| Quadratic mean diameter snags | 10 |
| Snag height                  | 0  |
| Snags per acre               | 0.5|

| Wooded dead | 0 |
| Pieces of wood per acre       | 0 |

<table>
<thead>
<tr>
<th>Streams</th>
<th>None observed</th>
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<tbody>
<tr>
<td>Wetlands</td>
<td>None observed</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
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<th>Talus</th>
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<tr>
<td>AgeClass</td>
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**Special habitat features and wildlife observations:**
- Good pika habitat, pikas, red squirrels present

**Notes:** SMALLER TALUS, LESS STEEP THAN 289, PIKAS, RED SQUIRRELS

<table>
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<th>Acres</th>
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<td>Date</td>
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</table>
Polygon ID: 299

PA1: ABLA/ATFI  PA1%: 50
PA2: ABLA/MEFE  PA2%: 50
PA3:  PA3%: 0

number of canopy layers: 3  basal area: 67.19
canopy closure: 50  stand density index: 118.48
trees per acre: 75  quadratic mean diameter: 11.65

biggest trees: 16  maxdbh: 14  tallest trees: 55  average canopy height: 50

trees: ABLA, PSME, PIEN, PICO
shrubs: MEFE
herbs: ATFI, TRCA, SETR, GYDR

quadratic mean diameter snags: 12.6  snag height: 26  snags per acre: 81.4
cwd % cover: 12  pieces of cwd per acre: 286

Streams: none observed  Wetlands: none observed
substrate: duff & litter  CC_1: 4  AgeClass 50-150

special habitat features and wildlife observations:
stream present

Notes: Stream in open forest.

Acres: 0.11  Observer: GW  Date: 7/16/2010
**Polygon ID:** 300

<table>
<thead>
<tr>
<th>PA1</th>
<th>PA1%:</th>
<th>PA2</th>
<th>PA2%:</th>
<th>PA3</th>
<th>PA3%:</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSHE/ATFI</td>
<td>60</td>
<td>TSHE/MEFE</td>
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</tr>
</tbody>
</table>

- **number of canopy layers:** 3
- **basal area:** 111.3
- **canopy closure:** 45
- **stand density index:** 197.3
- **trees per acre:** 180
- **quadratic mean diameter:** 10.04

- **biggest trees:** 24  
  - **maxdbh:** 24  
  - **tallest trees:** 100  
  - **average canopy height:** 95

- **trees:** TSHE, ABGR, ABLA, PIEN, PICO
- **shrub %** 35
- **herb %** 85

- **quadratic mean diameter snags:** 14  
  - **snag height:** 5  
  - **snags per acre:** 62.95

- **cwd % cover:** 2  
  - **pieces of cwd per acre:** 70

- **Streams:** mapped by PBI  
  - **Wetlands:** wetland

- **substrate:** histosol  
  - **CC_1:** 4  
  - **AgeClass:** 200

**special habitat features and wildlife observations:**
- springs present; wetland; contains mapped stream

**Notes:** openings are springs; TSHE/MEFE is upland

**Acres:** 0.25  
**Observer:** GW  
**Date:** 6/29/2010
Polygon ID: 301

PA1: ALVIS/ATFI  PA1%: 100
PA2:  PA2%: 0
PA3:  PA3%: 0

number of canopy layers: 3  basal area: 100
canopy closure: 20  stand density index: 288.85
trees per acre: 20  quadratic mean diameter: 11

biggest trees: 19  maxdbh: 18  tallest trees: 90  average canopy height: 80

trees: ABGR  tree % cover: 30
shrubs: ALVIS  shrub %: 50
herbs: ATFI, MAST4, CLCO3, SETR  herb %: 25

quadratic mean diameter snags: 11.73  snag height: 46  snags per acre: 100

cwd % cover: 1  pieces of cwd per acre: 130
Streams: mapped by SEG  Wetlands: wetland
substrate: histosol  CC_1: 3  AgeClass: 30

special habitat features and wildlife observations:
wetland with flow; special PA; contains mapped stream

Notes: wetland with flow

Acres: 0.09  Observer: GW  Date: 6/29/2010
Polygon ID: 302

PA1: ABGR/VAME/CLUN2  PA1%: 50
PA2: ABLA/CLUN2  PA2%: 50
PA3:  PA3%: 0

number of canopy layers: 3  basal area: 140
canopy closure: 70  stand density index: 280.22
trees per acre: 100  quadratic mean diameter: 14.4

biggest trees: 24  maxdbh: 22  tallest trees: 85  average canopy height: 80

trees: ABGR, ABLA, PSME, LAOC  tree % cover: 75
shrubs: RILA  shrub %: 6
herbs: ACRU, CLUN2, MAST4  herb %: 20

quadratic mean diameter snags: 14.53  snag height: 51  snags per acre: 165
cwd % cover: 4  pieces of cwd per acre: 200
Streams: none observed  Wetlands: none observed
substrate: duff & litter  CC_1: 5  AgeClass 10-250

special habitat features and wildlife observations:
old growth forest

Notes: blowdown and intact older PSME and ABGR above spring

Acres: 0.09  Observer: GW  Date: 6/29/2010
Polygon ID: 303

PA1: ALVIS/Mesic Forb  PA1%: 100
PA2:  PA2%: 0
PA3:  PA3%: 0

number of canopy layers: 2  basal area: 40
canopy closure: 10  stand density index: 60
trees per acre: 10  quadratic mean diameter: 11

biggest trees: 16  maxdbh: 15  tallest trees: 58  average canopy height: 50

trees: ABLA, PICO, LAOC  tree % cover: 15
shrubs: ALVIS, RHAL, SARA2, RILA  shrub % 38
herbs: ATFI, SETR, MAST4  herb % 58

quadratic mean diameter snags: 10  snag height: 30  snags per acre: 20

cwd % cover: 1  pieces of cwd per acre: 40
Streams: mapped by SEG  Wetlands: wetland
substrate: histosol  CC_1: 3  AgeClass 10-150

special habitat features and wildlife observations:
moose use; bear use; wetland; special PA; contains mapped stream

Notes: moose wallow and lots of bear scat

Acres: 0.32  Observer: GW  Date: 6/29/2010
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**Notes:**

| Acres: | 0.12 | Observer: GW | Date: 6/29/2010 |
Polygon ID: 305

PA1: ABLA/XETE  PA1%: 80
PA2: Talus  PA2%: 20
PA3:  PA3%: 0

number of canopy layers: 2  basal area: 120
canopy closure: 50  stand density index: 200
trees per acre: 180  quadratic mean diameter: 11.7

biggest trees: 16  maxdbh: 16  tallest trees: 55  average canopy height: 40

trees: ABLA  tree % cover: 60
shrubs: VAME  shrub %: 4
herbs: XETE  herb %: 5

quadratic mean diameter snags: 11  snag height: 10  snags per acre: 213.49

cwd % cover: 5  pieces of cwd per acre: 100
Streams: none observed  Wetlands: none observed
substrate: vegetated talus  CC_1: 5  AgeClass 10-200

special habitat features and wildlife observations:
none observed

Notes:

Acres: 0.06  Observer: GW  Date: 6/29/2010
Polygon ID: 306

PA1: ABLA/VAME  PA1%: 100
PA2:  PA2%: 0
PA3:  PA3%: 0

Number of canopy layers: 3  Basal area: 140
Canopy closure: 40  Stand density index: 270
Trees per acre: 180  Quadratic mean diameter: 11.7

Biggest trees: 16  Maxdbh: 16  Tallest trees: 55  Average canopy height: 40

Trees: ABLA  Tree % cover: 50
Shrubs: VAME  Shrub %: 3
Herbs: CARO5, CAGE2, LUGLH, XETE  Herb %: 5

Quadratic mean diameter snags: 11  Snag height: 10  Snags per acre: 0.5
Cwd % cover: 5  Pieces of cwd per acre: 100

Streams: None observed  Wetlands: None observed
Substrate: Vegetated talus  CC_1: 4  AgeClass: 10-200

Special habitat features and wildlife observations: None observed

Notes:

Acres: 0.03  Observer: GW  Date: 6/29/2010
**Polygon ID:** 312

<table>
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<tr>
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**number of canopy layers:** 2  
**canopy closure:** 60  
**trees per acre:** 180  
**basal area:** 140  
**stand density index:** 270  
**quadratic mean diameter:** 11.7

**trees:** ABLA  
**maxdbh:** 16  
**tallest trees:** 52  
**average canopy height:** 45

**biggest trees:** 16  
**quadratic mean diameter snags:** 11  
**snag height:** 10  
**snags per acre:** 10

**cwd % cover:** 5  
**pieces of cwd per acre:** 100

**Streams:** none observed  
**Wetlands:** none observed

**substrate:** vegetated talus  
**CC_1:** 4  
**AgeClass:** 120

**special habitat features and wildlife observations:**  
possible pika habitat

**Notes:** TALUS SUBSTRATE

**Acres:** 0.06  
**Observer:** GW  
**Date:** 6/29/2010
Polygon ID: 313

PA1: ABLA/XETE  PA1%: 100
PA2:  PA2%: 0
PA3:  PA3%: 0

number of canopy layers: 3  basal area: 140
canopy closure: 60  stand density index: 270
trees per acre: 185  quadratic mean diameter: 11.7

biggest trees: 17  maxdbh: 16  tallest trees: 53  average canopy height: 44

trees: ABLA  tree % cover: 60
shrubs: SOSC2  shrub %: 5
herbs: XETE, LUGLH  herb %: 5

quadratic mean diameter snags: 11  snag height: 20  snags per acre: 10

cwd % cover: 9  pieces of cwd per acre: 200
Streams: none observed  Wetlands: none observed
substrate: duff & litter and talus  CC_1: 4  AgeClass: 120

special habitat features and wildlife observations:
possible pika habitat

Notes: TALUS SUBSTRATE

Acres: 0.13  Observer: GW  Date: 6/29/2010
Polygon ID: 315

PA1: ABLA/XETE
PA1%: 100
PA2: 
PA2%: 0
PA3: 
PA3%: 0

number of canopy layers: 3
basal area: 140.9
canopy closure: 60
stand density index: 269.22
trees per acre: 200
quadratic mean diameter: 11.7

biggest trees: 17 maxdbh: 16 tallest trees: 52 average canopy height: 43

trees: ABLA
tree % cover: 60
shrubs: VAME, SOSC2
shrub % 5
herbs: XETE, LUWLH, CARO5, CAGE2
herb % 8

quadratic mean diameter snags: 11 snag height: 20 snags per acre: 10

cwd % cover: 8 pieces of cwd per acre: 196

Streams: none observed
Wetlands: none observed
substrate: duff & litter
CC_1: 5 AgeClass 10-150

Notes:

Acres: 0.42 Observer: GW, PM Date: 6/29/2010
Polygon ID: 316

PA1: ABLA/VAME  PA1%: 100
PA2:  PA2%: 0
PA3:  PA3%: 0

number of canopy layers: 1  
basal area: 140

Canopy closure: 60  
stand density index: 270

trees per acre: 150  
quadratic mean diameter: 11.7

biggest trees: 16  
maxdbh: 16  
tallest trees: 52  
average canopy height: 44

trees: ABLA  
tree % cover: 60

shrubs: VAME  
shrub %: 5

herbs: CAGE2, LUGLH, CARO5  
herb %: 8

quadratic mean diameter snags: 11  
snag height: 20  
snags per acre: 10

cwd % cover: 9  
pieces of cwd per acre: 200

Streams: none observed  
Wetlands: none observed

substrate: duff & litter  
CC_1: 5  
AgeClass: 10-200

special habitat features and wildlife observations: none observed

Notes:

Acres: 0.2  
Observer: GW  
Date: 6/29/2010
Polygon ID: 318

PA1: ABLA/VAME  PA1%: 100
PA2:  PA2%: 0
PA3:  PA3%: 0

number of canopy layers: 1  basal area: 143.34
canopy closure: 60  stand density index: 274.24
trees per acre: 150  quadratic mean diameter: 11.7

biggest trees: 17  maxdbh: 16  tallest trees: 52  average canopy height: 43

trees: ABLA  tree % cover: 60
shrubs: VAME, SOSC2  shrub %: 5
herbs: CAGE2, LUGLH, CARO5  herb %: 8

quadratic mean diameter snags: 11  snag height: 20  snags per acre: 10
cwd % cover: 8  pieces of cwd per acre: 198

Streams: none observed  Wetlands: none observed
substrate: duff & litter  CC_1: 5  AgeClass 10-200

special habitat features and wildlife observations:
none observed

Notes:

Acres: 0.21  Observer: GW  Date: 6/29/2010
Polygon ID: 319

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Polygon ID: 325

PA1: ABLA/XETE  PA1%: 40
PA2: ABLA/MEFE  PA2%: 30
PA3: TSHE/MEFE  PA3%: 30

number of canopy layers: 3  basal area: 159.1
canopy closure: 60  stand density index: 287.28
trees per acre: 200  quadratic mean diameter: 11.76

biggest trees: 19  maxdbh: 17  tallest trees: 77  average canopy height: 66

trees: ABLA, PICO, LAOC, PIMO, TSHE, ABGR
shrubs: MEFE, VAME
herbs: XETE, CLUN2

quadratic mean diameter snags: 9.25  snag height: 27  snags per acre: 241.25
cwd % cover: 15  pieces of cwd per acre: 412
Streams: none observed  Wetlands: none observed
substrate: duff & litter and talus

special habitat features and wildlife observations:
possible pika habitat

Notes: Some talus stringers here.
Polygon ID: 326

PA1: ABLA/XETE  PA1%: 100
PA2:           PA2%: 0
PA3:           PA3%: 0

number of canopy layers: 3  basal area: 150.54
canopy closure: 70  stand density index: 275.3
trees per acre: 200  quadratic mean diameter: 11.71

density:
biggest trees: 19  maxdbh: 17  tallest trees: 76  average canopy height: 66

trees: ABLA, LAOC, PICO  tree % cover: 80
shrubs: MEFE, VAME  shrub %: 18
herbs: XETE, ANPI  herb %: 10

quadratic mean diameter snags: 9.5  snag height: 27  snags per acre: 218.45

cwd % cover: 14  pieces of cwd per acre: 366
Streams: none observed  Wetlands: none observed
substrate: duff & litter  CC_1: 5  AgeClass: 50-150

special habitat features and wildlife observations:
one observed

Notes:

Acres: 0.52  Observer: GW  Date: 6/29/2010
Polygon ID: 327

PA1: ABLA/XETE  PA1%: 80
PA2: ABLA/LUGLH  PA2%: 20
PA3:  PA3%: 0

number of canopy layers: 3  basal area: 141.75
canopy closure: 60  stand density index: 273.36
trees per acre: 205  quadratic mean diameter: 11.87

biggest trees: 17  maxdbh: 16  tallest trees: 55  average canopy height: 45

trees: PICO, ABLA, LAOC, PSME, PIEN, TSHE  tree % cover: 65
shrubs: MEFE, VAME  shrub %: 10
herbs: XETE, ANPI, CAGE2, ARLA8, MAST4, LUGLH  herb %: 15

quadratic mean diameter snags: 10.9  snag height: 20  snags per acre: 300

cwd % cover: 9  pieces of cwd per acre: 180
Streams: mapped by PBI  Wetlands: contains wetland
substrate: duff & litter  CC_1: 5  AgeClass: 50-150

special habitat features and wildlife observations:
contains mapped stream and small wetland

Notes: Top of stand has more LUGLH, less XETE. UPDATED 8/29/2010 (PM)

Acres: 88.75  Observer: PM  Date: 6/29/2010
Polygon ID: 330

PA1: ABLA/XETE  PA1%: 100
PA2:  PA2%: 0
PA3:  PA3%: 0

number of canopy layers: 2  basal area: 76.16
canopy closure: 20  stand density index: 134.02
trees per acre: 40  quadratic mean diameter: 12.05

biggest trees: 17  maxdbh: 15  tallest trees: 50  average canopy height: 40

trees: ABLA, PSME, PICO  tree % cover: 30
shrubs: SOSC2, PREM  shrub %: 15
herbs: LUGLH, ELGL, XETE  herb %: 23

quadratic mean diameter snags: 13.3  snag height: 25  snags per acre: 79.04

cwd % cover: 10  pieces of cwd per acre: 214
Streams: none observed  Wetlands: none observed
substrate: duff & litter  CC_1: 3  AgeClass: 10-50

special habitat features and wildlife observations:
diverse flora; many logs

Notes: Diverse shrub & herb cover. Photos 40-42.

Acres: 0.62  Observer: PM  Date: 6/29/2010
Polygon ID: 331

PA1: ABLA/XETE  PA1%: 60
PA2: ABLA/CARU  PA2%: 40
PA3:  PA3%: 0

number of canopy layers: 2  basal area: 59.39
canopy closure: 20  stand density index: 102.91
trees per acre: 40  quadratic mean diameter: 12.49

biggest trees: 17  maxdbh: 14  tallest trees: 45  average canopy height: 36

trees: ABLA, PSME, PICO  tree % cover: 30
shrubs: SOSC2  shrub %: 10
herbs: XETE, LUGLH, CAGE2, CARU  herb %: 30

quadratic mean diameter snags: 15.22  snag height: 21  snags per acre: 39.76

cwd % cover: 5  pieces of cwd per acre: 100

Streams: none observed  Wetlands: none observed
substrate: duff & litter  CC_1: 4  AgeClass 50-200+
special habitat features and wildlife observations:
many logs

Notes:

Acres: 1.38  Observer: HS  Date: 7/16/2010
Polygon ID:  332

PA1:  ABLA/XETE  PA1%:  80
PA2:  ALVIS/Mesic Forb  PA2%:  20
PA3:  PA3%:  0

number of canopy layers:  3  basal area:  130
canopy closure:  40  stand density index:  258.09
trees per acre:  100  quadratic mean diameter:  14.23

biggest trees:  23  maxdbh:  18  tallest trees:  65  average canopy height:  50

trees:  ABLA, PSME, PIEN  tree % cover:  50
shrubs:  ALVIS, SOSC2  shrub %  15
herbs:  TRCA, MAST4, CLUN2, MEPA, THOC  herb %  17

quadratic mean diameter snags:  11.72  snag height:  33  snags per acre:  67.49

cwd % cover:  5  pieces of cwd per acre:  100
Streams:  none observed  Wetlands:  none observed
substrate:  duff & litter  CC_1:  5  AgeClass  50-200+
special habitat features and wildlife observations:
stream present; special PA

Notes:  Photos JR489-90; stream.

Acres:  2.16  Observer:  JR  Date:  7/16/2010
**Polygon ID:** 333

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**Special habitat features and wildlife observations:**
- wetland complex; special PA

**Notes:** ALVIS/SETR part is mesic, not wet, on the north side. SETR-VECA2 known from OR, Bourgeron & Engelking, 1994.

**Acres:** 4.83  **Observer:** GW  **Date:** 7/16/2010
Polygon ID: 336

PA1: ABLA/LUGLH  PA1%: 40
PA2: ALVIS/Mesic Forb  PA2%: 30
PA3: ABLA/XETE  PA3%: 30

number of canopy layers: 2  basal area: 77.61
canopy closure: 15  stand density index: 144.18
trees per acre: 40  quadratic mean diameter: 12

biggest trees: 16  maxdbh: 15  tallest trees: 41  average canopy height: 37

trees: ABLA, PIEN, PICO, PSME, TSHE  tree % cover: 25
shrubs: SARA2, SOSC2  shrub %: 10
herbs: MEPA, LUGLH, VIGL  herb %: 35

quadratic mean diameter snags: 12.16  snag height: 24  snags per acre: 132.37

cwd % cover: 20  pieces of cwd per acre: 300
Streams: mapped by PBI  Wetlands: contains wetland
substrate: duff & litter  CC_1: 3  AgeClass: 120

special habitat features and wildlife observations:
stream present; many logs; special PA; contains mapped stream and small wetland

Notes: ALVIS/Mesic forb with stream in South part of stand and unknown grass. No XETE seen.

Acres: 2.39  Observer: GW  Date: 6/29/2010
Polygon ID: 337

PA1: ABLA/XETE PA1%: 50
PA2: TSHE/CLUN2 PA2%: 50
PA3: PA3%: 0

number of canopy layers: 2
basal area: 57.02

CANOPY CLOSURE: 10
stand density index: 103.49

trees per acre: 30
quadratic mean diameter: 11.41

biggest trees: 16 maxdbh: 14 tallest trees: 45 average canopy height: 39

trees: ABLA, PICO, PSME
tree % cover: 25

shrubs: VAME, SOSC2
shrub %: 15

herbs: XETE, CHAN9, VIGL
herb %: 25

quadratic mean diameter snags: 13.69 snag height: 24 snags per acre: 78.34

cwd % cover: 12 pieces of cwd per acre: 300

Streams: none observed Wetlands: none observed

substrate: duff & litter CC_1: 3 AgeClass 10-200

special habitat features and wildlife observations:
old growth; many logs

Notes: old growth with springs above; wet bordering ALVIS to south.

Acres: 2.07 Observer: GW Date: 6/29/2010
Polygon ID: 338

PA1: TSHE/ATFI  PA1%: 30
PA2: TSHE/CLUN2  PA2%: 70
PA3:  PA3%: 0

number of canopy layers: 3  basal area: 313
canopy closure: 90  stand density index: 545.78
trees per acre: 265  quadratic mean diameter: 13.72

biggest trees: 22  maxdbh: 21  tallest trees: 100  average canopy height: 95

trees: TSHE, ABGR, LAOC, PSME, ABLA  tree % cover: 95
shrubs: RUPA  shrub %: 12
herbs: CLUN2, ATFI, MAST4, PYSE, TRCA  herb %: 26

quadratic mean diameter snags: 13.89  snag height: 39  snags per acre: 140.1

cwd % cover: 10  pieces of cwd per acre: 240
Streams: mapped by SEG  Wetlands: none observed
substrate: duff & litter  CC_1: 6  AgeClass 10-200

special habitat features and wildlife observations:
old growth forest; contains mapped stream

Notes:

Acres: 5.06  Observer: GW  Date: 6/29/2010
**Polygon ID:** 339

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<tr>
<td>ckd % cover:</td>
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<td>pieces of ckd per acre:</td>
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<tr>
<td>Streams:</td>
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</tr>
<tr>
<td>Wetlands:</td>
<td>none observed</td>
</tr>
<tr>
<td>substrate:</td>
<td>duff &amp; litter</td>
</tr>
<tr>
<td>CC_1: AgeClass:</td>
<td>5 150</td>
</tr>
<tr>
<td>special habitat features and wildlife observations:</td>
<td>none observed</td>
</tr>
</tbody>
</table>

**Notes:** Photos 80-82ab

**Acres:** 1.03  **Observer:** PM  **Date:** 6/29/2010
Polygon ID: 343

PA1: ABGR/ACGL/CLUN2  PA1%: 80
PA2: TSHE/CLUN2  PA2%: 20
PA3:  PA3%: 0

number of canopy layers: 3  basal area: 165.19
canopy closure: 90  stand density index: 264.79
trees per acre: 150  quadratic mean diameter: 14

biggest trees: 27  maxdbh: 25  tallest trees: 78  average canopy height: 71

trees: ABGR, PSME, LAOC, TSHE  tree % cover: 95
shrubs: ACGL, VAME, LIBO3  shrub %: 5
herbs: CLUN2, MAST4, ANPI, ARLA8  herb %: 15

quadratic mean diameter snags: 15.77  snag height: 50  snags per acre: 103.76
cwd % cover: 9  pieces of cwd per acre: 254
Streams: none observed  Wetlands: none observed
substrate: duff & litter  CC_1: 6  AgeClass: 40-200

special habitat features and wildlife observations:
old growth forest

Notes: From bottom, photos 128-129. Merged with upper part of George's polygon.

Acres: 3.7  Observer: PM, GW  Date: 6/29/2010
Polygon ID: 344

PA1: TSHE/MEFE PA1%: 40
PA2: TSHE/ATFI PA2%: 30
PA3: TSHE/CLUN2 PA3%: 30

number of canopy layers: 3  
basal area: 150

canopy closure: 70  
stand density index: 260

trees per acre: 210  
quadratic mean diameter: 11.5

biggest trees: 24  
maxdbh: 23  
tallest trees: 101  
average canopy height: 97

trees: TSHE, LAOC, PIEN, ABGR, ABLA  
tree % cover: 75

shrubs: MEFE, ALVIS, VAME  
shrub %: 25

herbs: TRCA, MAST4, ARCO9, XETE  
herb %: 74

quadratic mean diameter snags: 13.89  
snag height: 14  
snags per acre: 105.45

cwd % cover: 8  
pieces of cwd per acre: 250

Streams: mapped by SEG & PBI  
Wetlands: none observed

substrate: duff & litter  
CC_1: 5  
AgeClass 50-200

special habitat features and wildlife observations:
old growth forest; contains mapped stream

Notes:

Acres: 2.99  
Observer: GW  
Date: 6/29/2010
**Polygon ID:** 345

<table>
<thead>
<tr>
<th>Component</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>PA1: ABLA/XETE</td>
<td>PA1%: 50</td>
</tr>
<tr>
<td>PA2: TSHE/XETE</td>
<td>PA2%: 50</td>
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<tr>
<td>PA3:</td>
<td>PA3%: 0</td>
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<tr>
<td>Number of canopy layers:</td>
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<td>Trees per acre:</td>
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<td>Basal area:</td>
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<td>Biggest trees:</td>
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<td>Maxdbh:</td>
<td>13</td>
</tr>
<tr>
<td>Tallest trees:</td>
<td>65</td>
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<tr>
<td>Average canopy height:</td>
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<tr>
<td>Trees: ABLA, PICO, PSME, LAOC, TSHE</td>
<td>Tree % cover: 45</td>
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<tr>
<td>Shrubs: VAME, LIBO3, SOSC2</td>
<td>Shrub %: 31</td>
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<tr>
<td>Herbs: GATR3, ELGL, ANPI, VIOLA, XETE</td>
<td>Herb %: 48</td>
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<td>Quadratic mean diameter snags:</td>
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<td>Snag height:</td>
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<td>Snags per acre:</td>
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<tr>
<td>Trees:</td>
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<tr>
<td>Shrubs:</td>
<td></td>
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<td>Herbs:</td>
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<td>Quadratic mean diameter snags:</td>
<td>11.13</td>
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<tr>
<td>Snag height:</td>
<td>33</td>
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<tr>
<td>Snags per acre:</td>
<td>229.87</td>
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<tr>
<td>CWD % cover:</td>
<td>13</td>
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<tr>
<td>Pieces of CWD per acre:</td>
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<td>Streams: mapped by SEG</td>
<td>Wetlands: none observed</td>
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<tr>
<td>Substrate: duff &amp; litter</td>
<td>CC_1: 4</td>
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<tr>
<td>Age Class: 1-150</td>
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<tr>
<td>Special habitat features and wildlife observations:</td>
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</tr>
<tr>
<td>Notes: Lots of logs, snags. Difficult to move through. Photos 37-39. RED SQUIRRELS, LOTS OF CATEPILLARS</td>
<td></td>
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<tr>
<td>Acres: 25.22</td>
<td>Observer: PM</td>
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<td>Date: 6/29/2010</td>
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</tbody>
</table>
Polygon ID:  

**PA1:** TSHE/CLUN2  
**PA1%:** 100

**PA2:**  
**PA2%:** 0

**PA3:**  
**PA3%:** 0

- **number of canopy layers:** 3
- **basal area:** 150
- **canopy closure:** 91
- **stand density index:** 246.97
- **trees per acre:** 165
- **quadratic mean diameter:** 12

- **biggest trees:** 15  
  **maxdbh:** 15
- **tallest trees:** 85
- **average canopy height:** 80

- **trees:** TSHE, PSME, ABGR, LAOC
- **tree % cover:** 95

- **shrubs:** VAME, CHUM
- **shrub %** 3

- **herbs:** ARLA8, MOMA3, CLUN2, MAST4, TITRU
- **herb %** 15

- **quadratic mean diameter snags:** 13  
  **snag height:** 54
- **snags per acre:** 200

- **cwd % cover:** 15  
  **pieces of cwd per acre:** 300

- **Streams:** none observed
- **Wetlands:** none observed

- **substrate:** duff & litter
- **CC_1:** 6  
  **AgeClass** 100-150

**special habitat features and wildlife observations:** none observed

**Notes:** Photos 111-112. Some parts very depauperate. Merged with 143.

**Acres:** 0.24  
**Observer:** PM  
**Date:** 6/29/2010
Polygon ID: 1541

PA1: TSHE/CLUN2  PA1%: 100
PA2:  PA2%: 0
PA3:  PA3%: 0

number of canopy layers: 3  
basal area: 150  
canopy closure: 91  
stand density index: 246.97  
trees per acre: 165  
quadratic mean diameter: 11.25

biggest trees: 12  maxdbh: 12  tallest trees: 70  average canopy height: 70

trees: TSHE, BEPA, PSME, ABGR, LAOC  

tree % cover: 95

shrubs: VAME, CHUM, ACGL, RUPA  

shrub %: 5

herbs: ARLA8, MOMA3, CLUN2, MAST4, ASCA2  

herb %: 10

quadratic mean diameter snags: 13  

snag height: 35  

snags per acre: 200

cwd % cover: 10  
pieces of cwd per acre: 250

Streams: none observed  
Wetlands: none observed

substrate: duff & litter  
CC_1: 6  AgeClass: 100-150

special habitat features and wildlife observations:
none observed

Notes: Photos 111-112. Some parts very depauperate. Merged with 143.

Acres: 1.07  Observer: PM  Date: 6/29/2010
Polygon ID: 1550

PA1: TSHE/CLUN2  PA1%: 100
PA2:  PA2%: 0
PA3:  PA3%: 0

number of canopy layers: 3  basal area: 130
canopy closure: 80  stand density index: 240
trees per acre: 140  quadratic mean diameter: 12

biggest trees: 12  maxdbh: 12  tallest trees: 70  average canopy height: 60

trees: TSHE, THPL  tree % cover: 80
shrubs: ACGL, CHUM  shrub % 4
herbs: MAST4, CLUN2  herb % 5

quadratic mean diameter snags: 10  snag height: 35  snags per acre: 100

cwd % cover: 10  pieces of cwd per acre: 200
Streams: none observed  Wetlands: none observed
substrate: duff & litter  CC_1: 6  AgeClass 50-80

special habitat features and wildlife observations:
none observed

Notes: Photos 124-125. Very sparse understory.

Acres: 0.02  Observer: PM  Date: 6/29/2010
Polygon ID: 1800

PA1: Developed  PA1%: 100
PA2:  PA2%: 0
PA3:  PA3%: 0

number of canopy layers: 2  basal area: 5
canopy closure: 5  stand density index: 10
trees per acre: 1  quadratic mean diameter: 11.56

biggest trees: 10  maxdbh: 10  tallest trees: 80  average canopy height: 70

trees: PSME, ABGR  tree % cover: 5
shrubs: RUPA, ALVIS  shrub %: 10
herbs: CAREX  herb %: 50

quadratic mean diameter snags: 10.33  snag height: 0  snags per acre: 0.5

cwd % cover: 0  pieces of cwd per acre: 0
Streams: none observed  Wetlands: none observed
substrate: sandy loam  CC_1: 3 AgeClass 1-40

special habitat features and wildlife observations:
none observed

Notes: Some patches of regenerating PSME. ELRE4 invasion in parts of meadow. Old trail is probably still used, need to make an obvious decommission.

Acres: 2.51  Observer: HS  Date: 8/1/2009
Polygon ID: 1801

PA1: Developed  PA1%: 100
PA2:  PA2%: 0
PA3:  PA3%: 0

number of canopy layers: 2  basal area: 5
canopy closure: 2  stand density index: 10
trees per acre: 1  quadratic mean diameter: 11.56

biggest trees: 9  maxdbh: 9  tallest trees: 53  average canopy height: 40

trees: ABLA  tree % cover: 2
shrubs: PHDI3  shrub %: 3
herbs: CAGE2, CARU, FEVI, ELRE4, FEID, ERUMM  herb %: 50

quadratic mean diameter snags: 10.33  snag height: 0  snags per acre: 0.5
cwd % cover: 0  pieces of cwd per acre: 0

Streams: none observed  Wetlands: none observed
substrate: sandy loam  CC_1: 3  AgeClass 1-40

special habitat features and wildlife observations:
none observed

Notes: Some patches of regenerating PSME. ELRE4 invasion in parts of meadow. Old trail is probably still used, need to make an obvious decommission.

Acres: 6.48  Observer: HS  Date: 8/1/2009
Polygon ID: 1860

PA1: FEVI-FEID
PA1%: 50
PA2: PHDI3/FEVI-HICY
PA2%: 50
PA3: 
PA3%: 0

number of canopy layers: 1
canopy closure: 2
Trees per acre: 5

basal area: 2
stand density index: 3
quadratic mean diameter: 6

biggest trees: 16
maxdbh: 15
tallest trees: 42
average canopy height: 35

trees: ABLA, PIAL, PSME
tree % cover: 1

shrubs: PHDI3, PREM, VAME
shrub %: 4

herbs: FEID, FEVI, HICY, JUPA, ACMI, HICY
herb %: 60

quadratic mean diameter snags: 10.33
snag height: 0
snags per acre: 0.5

cwd % cover: 0
pieces of cwd per acre: 20

Streams: none observed
Wetlands: none observed

substrate: sandy loam
CC_1: 1
AgeClass: 40

special habitat features and wildlife observations:
special PA

Notes:

Acres: 0.89
Observer: GW, PM
Date: 6/29/2010
Polygon ID: 1861

PA1: FEVI-FEID PA1%: 40
PA2: PHDI3/FEVI-HICY PA2%: 30
PA3: Developed PA3%: 30

number of canopy layers: 1  
canopy closure: 1  
trees per acre: 1  
basal area: 2  
stand density index: 3  
quadratic mean diameter: 6

biggest trees: 0  
tallest trees: 0  
maxdbh: 0 
average canopy height: 0

trees: ABLA, PIAL, PSME  
shrub: PHDI3  
herbs: FEID, FEVI, HICY, JUPA, ACMI, HICY

tree % cover: 1  
shrub %: 5  
herb %: 40

quadratic mean diameter snags: 10.33  
snag height: 0  
snags per acre: 0.5

cwd % cover: 0  
pieces of cwd per acre: 0

Streams: none observed  
Wetlands: none observed

substrate: sandy loam  
CC_1: 1 AgeClass 40

special habitat features and wildlife observations:
special PA

Notes:

Acres: 0.15  
Observer: GW, PM  
Date: 6/29/2010
Polygon ID: 3170

PA1: ABLA/XETE  PA1%: 70
PA2: ABLA/CAGE2  PA2%: 30
PA3:  PA3%: 0

number of canopy layers: 2  basal area: 120
canopy closure: 30  stand density index: 269.94
trees per acre: 80  quadratic mean diameter: 11.7

biggest trees: 17  maxdbh: 16  tallest trees: 49  average canopy height: 41
trees: ABLA  tree % cover: 35
shrubs: SOSC2, VAME  shrub %: 4
herbs: XETE, CAGE2, CARO5  herb %: 10

quadratic mean diameter snags: 10.52  snag height: 20  snags per acre: 268.35
cwd % cover: 2  pieces of cwd per acre: 198
Streams: none observed  Wetlands: none observed
substrate: duff & litter  CC_1: 4  AgeClass: 10-150

Notes:

Acres: 0.02  Observer: GW  Date: 6/29/2010
Polygon ID: 3171

PA1: ABLA/XETE  PA1%: 90  
PA2: ABLA/CAGE2  PA2%: 10  
PA3:  PA3%: 0  

number of canopy layers: 2  
canopy closure: 60  
trees per acre: 200  

basal area: 140.63  
stand density index: 269.94  
quadratic mean diameter: 11.7  

biggest trees: 17  
maxdbh: 16  
tallest trees: 52  
average canopy height: 43  

trees: ABLA  

tree % cover: 60  
shrubs: SOSC2, VAME  
shrub %: 5  
herbs: XETE, CAGE2, CARO5  
herb %: 8  

quadratic mean diameter snags: 11  

snag height: 20  
snags per acre: 10  
cwd % cover: 8  
pieces of cwd per acre: 189  

Streams: none observed  
Wetlands: none observed  

substrate: duff & litter  
CC_1: 4  
AgeClass: 10-150  

special habitat features and wildlife observations: none observed  

Notes:

Acres: 0.27  
Observer: GW  
Date: 6/29/2010
Polygon ID: 3240

PA1: ABLA/XETE  PA1%: 40
PA2: ABLA/MEFE  PA2%: 30
PA3: TSHE/XETE  PA3%: 30

number of canopy layers: 3  basal area: 168.16
canopy closure: 80  stand density index: 318.56
trees per acre: 265  quadratic mean diameter: 10.97

biggest trees: 19  maxdbh: 18  tallest trees: 80  average canopy height: 70

trees: ABLA, LAOC, PICO, TSHE, PIMO3
tree % cover: 85
shrubs: VAME, CHUM, LIBO3
shrub % 17
herbs: ANPI, PYAS, VIGL, XETE, PYSE
herb % 14

quadratic mean diameter snags: 9.5  snag height: 28  snags per acre: 229.54
cwd % cover: 12  pieces of cwd per acre: 275

Streams: none observed  Wetlands: none observed
substrate: duff & litter  CC_1: 5  AgeClass 10-150

special habitat features and wildlife observations: none observed

Notes: ABLA/MEFE in patches where steep, rocky.

Acres: 2.01  Observer: GW  Date: 7/16/2010
Polygon ID: 3241

PA1: TSHE/CLUN2  PA1%: 40
PA2: ABLA/XETE  PA2%: 30
PA3: ABLA/MEFE  PA3%: 30

number of canopy layers: 3  basal area: 168.16
canopy closure: 80  stand density index: 318.56
trees per acre: 370  quadratic mean diameter: 10.97

trees: ABLA, LAOC, PICO, TSHE, PIMO3  tree % cover: 85
shrubs: VAME, LIBO3  shrub %: 4
herbs: ANPI, PYAS, VIGL, XETE, PYSE  herb %: 35

biggest trees: 20  maxdbh: 19  tallest trees: 90  average canopy height: 85

quadratic mean diameter snags: 9.5  snag height: 28  snags per acre: 229.54

cwd % cover: 12  pieces of cwd per acre: 275
Streams: none observed  Wetlands: none observed
substrate: duff & litter  CC_1: 5  AgeClass: 10-150

Notes: ABLA/MEFE in patches where steep, rocky.

Acres: 0.03  Observer: GW  Date: 7/16/2010
Polygon ID: 3290

PA1: ERUMM-FEV1  PA1%: 40
PA2: Mixed Deciduous Shrubs  PA2%: 20
PA3: CAGE2-CARU  PA3%: 40

number of canopy layers: 2  basal area: 5
canopy closure: 2  stand density index: 10
trees per acre: 1  quadratic mean diameter: 6

biggest trees: 16  maxdbh: 15  tallest trees: 42  average canopy height: 34

trees: ABLA, PSME, PIAL  tree % cover: 3
shrubs: PREM, VAME, PHDI3  shrub %: 5
herbs: CARU, ERUMM, FEVI, FEID, HISC2, PECO6, CAGE2  herb %: 70

quadratic mean diameter snags: 11.86  snag height: 0  snags per acre: 0.5
cwd % cover: 0  pieces of cwd per acre: 0
Streams: none observed  Wetlands: none observed
substate: sandy loam, rock  CC_1: 1  AgeClass: non-forest

special habitat features and wildlife observations:
ground squirrel use; special PA

Notes: Evenly scattered surface boulders. Lots of ground squirrels.

Acres: 14.63  Observer: HS  Date: 7/16/2010
Polygon ID: 3291

PA1: ERUMM-FEVI  PA1%: 40
PA2: CAGE2-CARU  PA2%: 40
PA3: Developed  PA3%: 20

number of canopy layers: 2  basal area: 10
canopy closure: 2  stand density index: 20
trees per acre: 5  quadratic mean diameter: 8

biggest trees: 0  maxdbh: 0  tallest trees: 50  average canopy height: 40

trees: ABLA, PSME, PIAL  tree % cover: 2
shrubs: PREM, VAME  shrub %: 5
herbs: CARU, ERUMM, FEVI, FEID, HISC2, PECO6, CAGE2  herb %: 50

quadratic mean diameter snags: 10  snag height: 0  snags per acre: 0.5
cwd % cover: 0  pieces of cwd per acre: 0
Streams: none observed  Wetlands: none observed
substrate: sandy loam, rock  CC_1: 1 AgeClass non-forest

special habitat features and wildlife observations:
ground squirrel use; special PA

Notes: Evenly scattered surface boulders. Lots of ground squirrels.

Acres: 0.97  Observer: HS  Date: 7/16/2010
Polygon ID: 7100

PA1: TSHE/ATFI  PA1%: 90
PA2: ABGR/VAME  PA2%: 10
PA3:  PA3%: 0

number of canopy layers: 2  
canopy closure: 80  
trees per acre: 300

basal area: 173.26  
stand density index: 319.47
quadratic mean diameter: 11.76

biggest trees: 22  
maxdbh: 21  
tallest trees: 90  
average canopy height: 85

trees: ABGR, PSME, LAOC, PICO, ABLA
shrubs: VAME
herbs: ARLA8, VIGL

quadratic mean diameter snags: 10.7  
snag height: 39  
snags per acre: 347.97

cwd % cover: 8  
pieces of cwd per acre: 240
Streams: none observed  
Wetlands: none observed
substrate: duff & litter

AgeClass  CC_1: 5  

special habitat features and wildlife observations:
old growth forest

Notes: no CLUN2; not much VAME; some old ABLA here.

Acres: 0  
Observer: GW  
Date: 6/29/2010
Polygon ID:    7101

PA1:   TSHE/CLUN2    PA1%:  50
PA2:   ABGR/VAME    PA2%:  50
PA3:    0

number of canopy layers: 3
canopy closure: 85

basal area: 173.26
stand density index: 319.47

number of canopy layers: 3
trees per acre: 240
quadratic mean diameter: 11.76

trees per acre: 240
highest canopy height: 90

biggest trees: 18    maxdbh: 18    tallest trees: 95    average canopy height: 90

trees:   ABGR, PICO, LAOC, PSME
shrubs:  VAME
herbs:   ARLA8, VIGL

quadratic mean diameter snags: 10.7
snag height: 39
snags per acre: 347.97

cwd % cover: 6
pieces of cwd per acre: 240

Streams: none observed
Wetlands: none observed

substrate: duff & litter

CC_1: 5   AgeClass  50-150

special habitat features and wildlife observations:
none observed

Notes:   no CLUN2; not much VAME; some old ABLA here.

Acres: 0    Observer: GW    Date: 6/29/2010
Polygon ID: 7102

PA1: ABGR/VAME  
PA1%: 100
PA2:  
PA2%: 0
PA3:  
PA3%: 0

number of canopy layers: 3  
basal area: 173.26
canopy closure: 85  
stand density index: 319.47
trees per acre: 240  
quadratic mean diameter: 11.76

biggest trees: 17  
maxdbh: 17  
tallest trees: 94  
average canopy height: 86

trees: ABGR, PSME, LAOC, PICO, ABLA  
tree % cover: 90

shrubs: VAME  
shrub %: 12

herbs: ARLA8, VIGL  
herb %: 17

quadratic mean diameter snags: 11  
snag height: 44  
snags per acre: 347.97

cwd % cover: 6  
pieces of cwd per acre: 150

Streams: none observed  
Wetlands: none observed

substrate: duff & litter  
CC_1: 5  
AgeClass: 50-150

special habitat features and wildlife observations:
none observed

Notes: no CLUN2; not much VAME; some old ABLA here.

Acres: 0.84  
Observer: GW  
Date: 6/29/2010