

# SOUTHERN BLUE RIDGE MATRIX FOREST BLOCKS

Group 1 Block Name Cohutta

Acres 195868.18 Hectares 79265.04074

Acres of largest interior roadless block 40751.7898 21 % of block the largest interior block occupies

## National Land Cover Dataset General Categories

|                        |        |      |                              |
|------------------------|--------|------|------------------------------|
| acres of forest        | 190126 | 97.1 | % of forest in block         |
| acres of water         | 219    | 0.1  | % of water in block          |
| acres of rock and sand | 10     | 0    | % of rock and sand in block  |
| acres developed        | 2459   | 1.3  | % of developed in block      |
| acres shrub and herb   | 1174   | 0.6  | % of shrub and herb in block |
| acres agriculture      | 1378   | 0.7  | % of agriculture in block    |
| acres wetland          | 137    | 0.1  | % of wetlands in block       |

## Secured Areas Summary of Block

GAP Category 1 Acres in Category 45550.2423 23.3 % of block

GAP Category 3 Acres in Category 126975.191 64.8 % of block

Acres in NC Significant Natural Heritage Areas 0 0 % of block in NC Sig. Nat. Her. Area

## Linear Features

### Length of Rivers and Streams in Blocks

Stream Class Stream Miles

1a 383.0368

1b 105.2812

2\_ 11.7971

3a 12.5298

### Roads in Blocks

Road Class Road Miles

2 30.2906

6 296.1428

8 2.9676

9 26.6715

Miles of Powerlines 15.8101

Miles of Railroads 1.5688

## Element Occurrences by Major Group

### Element Occurrence Summary

45 amphibian  
 1 bird  
 708 fish  
 17 mammal  
 5 reptile  
 1 invertebrate-crustation  
 1 invertebrate-insect  
 21 invertebrate-mollusk  
 3 plant-nonvascular  
 106 plant-dicot  
 60 plant-monocot  
 3 plant-fern/spleenwort

### SBR Ecoregional Target Occurrences

25 fish  
 1 invertebrate-insect  
 3 invertebrate-mollusk  
 11 plant-dicot  
 3 plant-monocot

### Expert Comments

#### Forest Types

Quite variable between moist and dry. Montane App. Oak hickory at tops of ridg

#### All Comments

Not a lot of major fragmentation Lots of internal FS roads, but not highly fragmented. One of Corridor K alternatives goes through northern part, but latest doesn't because of bear reserve. No. (Rerouted powerlines south of river, though? But being managed for native grasses.) Outstanding-- Conasauga Riv. very high biodiversity ; probably cleanest water in Ga. from sedimentation standpoint. Really bad in Ocoee, draining Ducktown Copper Hill area, but improving. Proposed road decommissioning to improve streams. 1930's--mostly 70-80 yr old forest Quite variable. At Grassy Mtn (one of highest summits on western front) has old growth--maybe one of the better patches. Fairly old hemlock forest around wilderness. variable Lot of Rx fire. Occassional wildfire, but nothing really big. Ice storms 1960-61, all the way up into south end of Smokies. Lots of rare/endemic aquatic spp. A few records of ceruleans, but no evidence of breeding. No GWW's (used to be on TN side, but habitat gone now). White fringeless orchid--one of 2 locations in NF in East TN. Ruth's golden aster in Ocoee Gorge. Extremely rich aquatic spp. HWA. Wild hogs probably worst in this block. Plants mostly along old FS roads & old w'lfe openings. Fescue, lespedeza (bicolor really jumps out after fires), autumn olive, microstegeum. Jap. Knotweed starting to spread. Little bit ailanthus, kudzu (being trtd). Wild hogs bad in this area. This may be most homogenous block--acre for acre lower diversity, except N face of Grassy Mtn (potential bald restoration). Interesting beaver habitat on Jacks River--completely silted in and herbaceous. Very large area in USFS (plan has designated some areas as good areas for old growth), and big chunk (a. 50%) of block in Cohutta Wildrns. Very few inholdings in Ga, but fair amt in TN. TNC Holly Creek Preserve in Ga. 150 ac. Limestone window in "inholding area"--completely covered with invasives--Alaculsy Valley--some mitigation bankds in there on river. Suggest adding area to SW south of Old CCC Road and down to Hwy 52.

Group 1 Block Name Lover's Leap

Acres 38842.032 Hectares 15718.81269

Acres of largest interior roadless block 20849.2997 54 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |      |                              |
|------------------------|-------|------|------------------------------|
| acres of forest        | 35196 | 90.6 | % of forest in block         |
| acres of water         | 324   | 0.8  | % of water in block          |
| acres of rock and sand | 12    | 0    | % of rock and sand in block  |
| acres developed        | 1066  | 2.7  | % of developed in block      |
| acres shrub and herb   | 699   | 1.8  | % of shrub and herb in block |
| acres agriculture      | 1382  | 3.6  | % of agriculture in block    |
| acres wetland          | 174   | 0.4  | % of wetlands in block       |

**Secured Areas Summary of Block**

GAP Category 3 Acres in Category 28719.6995 73.9 % of block

Acres in NC Significant Natural Heritage Areas 608.0587 1.6 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| Length of Rivers and Streams in Blocks |              | Roads in Blocks |            |
|--|--------------|-----------------|------------|
| Stream Class                           | Stream Miles | Road Class      | Road Miles |
| 1a                                     | 94.7719      | 2               | 23.8377    |
| 1b                                     | 22.3276      | 3               | 31.2633    |
| 2_                                     | 3.5853       | 6               | 66.9896    |
| 3b                                     | 11.8617      | 8               | 7.0206     |
|  |              | 9               | 6.2685     |

Miles of Powerlines 0 Miles of Railroads 18.0108

**Element Occurrences by Major Group**

**Element Occurrence Summary**

12 amphibian  
37 fish  
5 mammal  
3 reptile  
7 natural community  
7 invertebrate-insect  
8 invertebrate-mollusk  
1 plant-nonvascular  
62 plant-dicot  
7 plant-monocot  
4 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

1 natural community  
4 natural community  
1 natural community  
1 amphibian  
1 reptile  
6 plant-dicot

**Expert Comments**

**Forest Types** Great TMP an dother forest types there

**All Comments**

Some excellent barrens along French Broad River (French Broad Shale Slopes (50 ac subcalcareous shale) along river (fewer than 10 occurrences at less than 1000 ac are known)) Very unique--real sedimentary rock, not metasedimentary--therefore has stuff won't find elsewhere in NC; worth asking TN expts if very different from anything they have in TN

Group 1 Block Name Sol Messer Mt.

Acres 39311.864 Hectares 15908.94682

Acres of largest interior roadless block 11113.2021 28 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |      |                              |
|------------------------|-------|------|------------------------------|
| acres of forest        | 34933 | 88.9 | % of forest in block         |
| acres of water         | 59    | 0.2  | % of water in block          |
| acres of rock and sand | 19    | 0    | % of rock and sand in block  |
| acres developed        | 1219  | 3.1  | % of developed in block      |
| acres shrub and herb   | 773   | 2    | % of shrub and herb in block |
| acres agriculture      | 2227  | 5.7  | % of agriculture in block    |
| acres wetland          | 82    | 0.2  | % of wetlands in block       |

**Secured Areas Summary of Block**

GAP Category 3 Acres in Category 16802.692 42.7 % of block

Acres in NC Significant Natural Heritage Areas 0 0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

**Length of Rivers and Streams in Blocks**

Stream Class Stream Miles

1a 96.3284

1b 17.9201

2\_ 4.3663

3b 7.3593

**Roads in Blocks**

Road Class Road Miles

1 6.9232

3 2.0649

4 1.5888

6 139.7085

Miles of Powerlines 11.2482

Miles of Railroads 6.336

**Element Occurrences by Major Group**

**Element Occurrence Summary**

- 1 amphibian
- 20 fish
- 3 mammal
- 3 invertebrate-crustation
- 2 invertebrate-insect
- 3 plant-dicot
- 12 plant-monocot

**SBR Ecoregional Target Occurrences**

- 1 natural community
- 1 plant-dicot

**Expert Comments****Forest Types****All Comments**

together TN group did not think Sol Messer, Cohutta, and Lovers Leap go

Group 2 Block Name Amicalola West?

Acres 11344.188 Hectares 4590.830196

Acres of largest interior roadless block 9715.31595 86 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |                                  |
|------------------------|-------|----------------------------------|
| acres of forest        | 10439 | 92 % of forest in block          |
| acres of water         | 4     | 0 % of water in block            |
| acres of rock and sand | 0     | 0 % of rock and sand in block    |
| acres developed        | 501   | 4.4 % of developed in block      |
| acres shrub and herb   | 101   | 0.9 % of shrub and herb in block |
| acres agriculture      | 268   | 2.4 % of agriculture in block    |
| acres wetland          | 15    | 0.1 % of wetlands in block       |

**Secured Areas Summary of Block**

GAP Category 3 Acres in Category 2321.2728 20.5 % of block

Acres in NC Significant Natural Heritage Areas 0 0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| Length of Rivers and Streams in Blocks |              | Roads in Blocks |            |
|--|--------------|-----------------|------------|
| Stream Class                           | Stream Miles | Road Class      | Road Miles |
| 1a                                     | 26.6544      | 3               | 47.0082    |
| 1b                                     | 5.1796       | 6               | 26.1494    |
|  |              | 8               | 0.0494     |

Miles of Powerlines 0 Miles of Railroads 0

**Element Occurrences by Major Group**

## Element Occurrence Summary

1 fish

## SBR Ecoregional Target Occurrences

### Expert Comments

**Forest Types** Lot of pine (plantation). Some good upland hardwood along southern boundary

**All Comments** Big development (Big Canoe) nearby to West. This block may be more important as connector than block. More important land outside ecoregion connects with this block. A lot of it has been cut a lot. Lot of pine plantation. But not all butchered; are some good upland hw forests along lower boundary. Not a lot of high quality forest at NW end. THE epicenter of pine beetle damage a few years ago. Bachman's sparrow (near threatened)--kind of driven out of SBR--are hanging on in piney areas. Some plant diversity--turkeybeard, a vine (scizandra???sp?). This area is very transitional to Piedmont. Dawson WMA (State Forest)

Group 2 Block Name Burnt/Sassafras Mt.?

Acres 13302.198 Hectares 5383.208388

Acres of largest interior roadless block 6923.26522 52 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |     |                              |
|------------------------|-------|-----|------------------------------|
| acres of forest        | 12771 | 96  | % of forest in block         |
| acres of water         | 7     | 0.1 | % of water in block          |
| acres of rock and sand | 0     | 0   | % of rock and sand in block  |
| acres developed        | 353   | 2.7 | % of developed in block      |
| acres shrub and herb   | 40    | 0.3 | % of shrub and herb in block |
| acres agriculture      | 91    | 0.7 | % of agriculture in block    |
| acres wetland          | 21    | 0.2 | % of wetlands in block       |

**Secured Areas Summary of Block**

GAP Category 2 Acres in Category 1203.6958 9 % of block

GAP Category 3 Acres in Category 4273.2724 32.1 % of block

Acres in NC Significant Natural Heritage Areas 0 0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| Length of Rivers and Streams in Blocks |              | Roads in Blocks |            |
|--|--------------|-----------------|------------|
| Stream Class                           | Stream Miles | Road Class      | Road Miles |
| 1a                                     | 23.4868      | 3               | 11.811     |
| 1b                                     | 5.9585       | 6               | 30.1004    |

Miles of Powerlines 0 Miles of Railroads 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

1 fish  
1 mammal  
1 plant-monocot

**SBR Ecoregional Target Occurrences**

1 fish

**Expert Comments****Forest Types****All Comments**

A lot of roads inside Aerial looks like scattered housing pads/roads in middle. A lot is "vulnerable to development." Access not easy Amicalola Hw--maybe vulnerable to reservoir development??? Some nice mesic ravines w/ hemlock in Wildcat Creek tract Big piece of land in it is in a CE--the "Mountain \_\_\_\_ Trust." "Possible that some land may be former timber co land transferred to their real estate co.

Group **2** Block Name **Dahlonega/Amicalola?**

**Acres** 102228.55 **Hectares** 41370.42519

**Acres of largest interior roadless block** 36365.6443 36 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 98310 | 96.2 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 34    | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 9     | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 2144  | 2.1  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 314   | 0.3  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 1229  | 1.2  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 62    | 0.1  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

|                       |                          |            |      |                   |
|-----------------------|--------------------------|------------|------|-------------------|
| <b>GAP Category 2</b> | <b>Acres in Category</b> | 24644.4027 | 24.1 | <b>% of block</b> |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 54494.3876 | 53.3 | <b>% of block</b> |
| <b>GAP Category 4</b> | <b>Acres in Category</b> | 76.5396    | 0.1  | <b>% of block</b> |

**Acres in NC Significant Natural Heritage Areas** 0 0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 214.9082            | 10                     | 9.0263            |
| 1b  | 61.3094             | 3                      | 93.4424           |
| 2_  | 10.6942             | 6                      | 198.5171          |
|   |                     | 8                      | 0.7701            |

**Miles of Powerlines** 0 **Miles of Railroads** 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

8 amphibian  
 4 mammal  
 1 reptile  
 1 natural community  
 3 plant-nonvascular  
 23 plant-dicot  
 78 plant-monocot  
 5 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

1 natural community  
 3 fish  
 1 mammal  
 1 plant-monocot

**Expert Comments**

**Forest Types** Montane O H; some lower elev. Types--shortleaf on southern end; prob. Some s

**All Comments** Ag uses; pretty significant development pressure, though subsided with economic downturn. Huge priority for aquatic conservation- Some white pine being cut, Rx burn, to convert to more expected community types; USFS focused particularly here on that issue. All NF 2nd and 3rd growth; some mature forest, but 20th century harvest. A lot more significant than Cohutta. used to be gold mining here Fish spp. In Etowah and Toccoa Rivers; near Suches, bog turtles (not clear if in block) At least 3 small whorled pogonia sites. Native brook trout (but may fade out with loss of hemlock) Some pretty impressive kudzu stands on pvt property Significant portion in National Recreation Area--multiple use, but a little more protected from timber use. A.T. corridor runs through it. Cultural heritage--old families with livestock Different from Payne Mt. and other group 2 blocks; this one is more "Blue Ridge-like." Suggest combining Rocky Mt. block with Dahlonega

Group 2 Block Name Payne Mt.

Acres 15275.094 Hectares 6181.611384

Acres of largest interior roadless block 14595.4554 96 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |      |                              |
|------------------------|-------|------|------------------------------|
| acres of forest        | 14118 | 92.4 | % of forest in block         |
| acres of water         | 0     | 0    | % of water in block          |
| acres of rock and sand | 9     | 0.1  | % of rock and sand in block  |
| acres developed        | 382   | 2.5  | % of developed in block      |
| acres shrub and herb   | 270   | 1.8  | % of shrub and herb in block |
| acres agriculture      | 476   | 3.1  | % of agriculture in block    |
| acres wetland          | 0     | 0    | % of wetlands in block       |

**Secured Areas Summary of Block**

Acres in NC Significant Natural Heritage Areas 341.1655 2.2 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| Length of Rivers and Streams in Blocks |              | Roads in Blocks |            |
|--|--------------|-----------------|------------|
| Stream Class                           | Stream Miles | Road Class      | Road Miles |
| 1a                                     | 22.0421      | 2               | 5.5451     |
| 1b                                     | 2.9426       | 6               | 34.3539    |
|  |              | 8               | 1.7034     |

Miles of Powerlines 0 Miles of Railroads 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

- 1 amphibian
- 2 fish
- 1 reptile
- 2 natural community

**SBR Ecoregional Target Occurrences****Expert Comments****Forest Types****All Comments**

Right across border from Copper Hill--legacy impact      Old record of pine snake (few locations in NC); mountain chorus frog      There is an snha and some forest communities mapped here, but county significance--mediocre quality No known public land here "Terra incognita"

**Group**        3                      **Block Name**        Hiwassee

**Acres**    100197.27              **Hectares**    40548.39704

**Acres of largest interior roadless block**    15573.3637    16 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 92996 | 92.8 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 310   | 0.3  | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 16    | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 3236  | 3.2  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 1400  | 1.4  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 1866  | 1.9  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 222   | 0.2  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

|                       |                          |            |      |                   |
|-----------------------|--------------------------|------------|------|-------------------|
| <b>GAP Category 1</b> | <b>Acres in Category</b> | 4570.9482  | 4.6  | <b>% of block</b> |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 68990.6817 | 68.9 | <b>% of block</b> |

**Acres in NC Significant Natural Heritage Areas**                      0                      0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

**Length of Rivers and Streams in Blocks**

| <b>Stream Class</b> | <b>Stream Miles</b> |
|---------------------|---------------------|
| 1a                  | 187.5199            |
| 1b                  | 54.041              |
| 3b                  | 15.2244             |

**Roads in Blocks**

| <b>Road Class</b> | <b>Road Miles</b> |
|-------------------|-------------------|
| 2                 | 18.936            |
| 3                 | 65.8183           |
| 6                 | 231.7314          |
| 8                 | 0.5662            |
| 9                 | 4.2553            |

|                            |         |                           |         |
|----------------------------|---------|---------------------------|---------|
| <b>Miles of Powerlines</b> | 44.9069 | <b>Miles of Railroads</b> | 19.9783 |
|----------------------------|---------|---------------------------|---------|

**Element Occurrences by Major Group**

**Element Occurrence Summary**

18 amphibian  
 2 bird  
 137 fish  
 6 mammal  
 1 reptile  
 4 invertebrate-crustation  
 1 invertebrate-insect  
 46 invertebrate-mollusk  
 7 plant-nonvascular  
 74 plant-dicot  
 22 plant-monocot  
 3 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

8 fish  
 5 invertebrate-mollusk  
 16 plant-dicot  
 1 plant-fern/spleenwort

**Expert Comments**

**Forest Types** Lot of pine; pretty nice shortleaf pine oak forests; chalk maple forest--one of only

**All Comments** Lots of internal roads, but no major fragmenting hwys. Railroad parallels Hiwassee River. Corridor K may go into this block near Ocoee River (southern end) Lots of farmland, small landholdings Some pretty big powerlines (new TVA lines) that might be fragmenters. Lots of plant and aquatic spp in Hiwassee River corridor--part of it is mussel sanctuary. Forest has been managed extensively "Mediocre" Southern yellow pine component been hit hard by southern pine beetle. Hundreds of years of timber mgmt disturbance. Lot of Rx fire. Past arsonist was imprisoned. Quilwort Interesting gorge forests. FS (Big Frog Wilderness in southern area). Nothing else particularly unique.

Group **3** Block Name **Hiwassee Lake**

**Acres** 14891.161 **Hectares** 6026.239239

**Acres of largest interior roadless block** 9865.44928 66 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 13146 | 88.3 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 57    | 0.4  | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 33    | 0.2  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 815   | 5.5  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 318   | 2.1  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 495   | 3.3  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 6     | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 3** **Acres in Category** 8519.1619 57.2 % of block

**Acres in NC Significant Natural Heritage Areas** 43.7916 0.3 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 13.8729             | 2                      | 7.6643            |
| 1b  | 0.0475              | 3                      | 3.0526            |
| 3a  | 0.728               | 6                      | 51.4206           |
|   |                     | 8                      | 0.1269            |
|   |                     | 9                      | 18.2178           |

**Miles of Powerlines** 0 **Miles of Railroads** 9.5764

**Element Occurrences by Major Group**

**Element Occurrence Summary**

7 amphibian  
3 natural community  
1 invertebrate-insect

**SBR Ecoregional Target Occurrences**

1 natural community  
1 natural community  
3 amphibian

**Expert Comments**

**Forest Types** Low mountain pine forest

**All Comments** Eastern part extremely parcelized SW side is fairly beaten up (Panther Top) Higher quality stuff closely tied to river shores and lake shores, but compromised by bark beetle. "Forest Service: Recurrent fire in this area--one of best areas." Indiana Bat; 2-3 rare salamander records Has some natural communities fairly uncommon in NC; significant flood plain wetland NEED TO ASK Ga and Tn experts if have forests similar to NC ones that are in better condition in this block. Might want to exclude Panther Top ("fairly beaten up")

Group **3** Block Name **Rock Creek/Tails Creek/Cold Spring**

**Acres** 27047.864 **Hectares** 10945.88229

**Acres of largest interior roadless block** 26713.2773 99 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 25885 | 95.7 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 14    | 0.1  | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 1     | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 597   | 2.2  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 171   | 0.6  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 320   | 1.2  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 10    | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 2 Acres in Category** 317.1362 1.2 % of block

**GAP Category 3 Acres in Category** 10025.5202 37.1 % of block

**Acres in NC Significant Natural Heritage Areas** 0 0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 61.6609             | 2                      | 6.8952            |
| 1b  | 9.683               | 3                      | 11.5253           |
|   |                     | 6                      | 48.1689           |
|   |                     | 8                      | 0.9047            |

**Miles of Powerlines** 0 **Miles of Railroads** 0

**Element Occurrences by Major Group**

## Element Occurrence Summary

1 plant-dicot

## SBR Ecoregional Target Occurrences

### Expert Comments

**Forest Types** More Pine than in Cohutta; VP dominant; CH O, Scarlett oak

**All Comments** Some harvest in small forests; not conversion to pine plantations. Cut and run when needed; probably high grading. Plenty of 80-100 year old forest there (on USFS land)--avg age about 70. Not sure, but may have been hit hard by Southern pine beetle. "Tatum Lead" area: some rare spp. In geologic inclusion area. Similar to Cohutta, but perhaps more because of pvt ownership. Exotic red shiner in aquatics. Much less USFS than Cohutta; Nathan would guess lots of small to medium family ownerships. Generally, group doesn't know as much about this block as Cohutta.

Group **3** Block Name **Web Mt.**

**Acres** 26388.675 **Hectares** 10679.11773

**Acres of largest interior roadless block** 8854.14988 34 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 24377 | 92.4 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 0     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 8     | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 754   | 2.9  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 254   | 1    | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 938   | 3.6  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 51    | 0.2  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 1** **Acres in Category** 1190.3077 4.5 % of block

**Acres in NC Significant Natural Heritage Areas** 0 0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 67.8826             | 2                      | 11.6298           |
| 1b  | 23.6718             | 3                      | 9.2914            |
| 2_  | 5.0674              | 6                      | 101.8607          |

**Miles of Powerlines** 8.5281 **Miles of Railroads** 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

1 amphibian  
23 fish  
1 mammal  
1 invertebrate-crustation  
1 plant-nonvascular  
2 plant-monocot

**SBR Ecoregional Target Occurrences**

1 fish

**Expert Comments****Forest Types****All Comments**

Experts: "more likely to see lots of WUI fires--see that more and more there." Very few EO's here Experts said take a look at, but weren't enthused about this block Lower elevation; experts said low potential for forest block values here, so didn't really examine.

Group 4 Block Name Lower Chattooga

Acres 78235.453 Hectares 31660.76449

Acres of largest interior roadless block 35824.7636 46 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |                                  |
|------------------------|-------|----------------------------------|
| acres of forest        | 69527 | 88.9 % of forest in block        |
| acres of water         | 216   | 0.3 % of water in block          |
| acres of rock and sand | 146   | 0.2 % of rock and sand in block  |
| acres developed        | 2682  | 3.4 % of developed in block      |
| acres shrub and herb   | 2703  | 3.5 % of shrub and herb in block |
| acres agriculture      | 2640  | 3.4 % of agriculture in block    |
| acres wetland          | 294   | 0.4 % of wetlands in block       |

**Secured Areas Summary of Block**

|                |                   |            |                 |
|----------------|-------------------|------------|-----------------|
| GAP Category 1 | Acres in Category | 1336.6943  | 1.7 % of block  |
| GAP Category 2 | Acres in Category | 2532.4438  | 3.2 % of block  |
| GAP Category 3 | Acres in Category | 42976.8083 | 54.9 % of block |
| GAP Category 4 | Acres in Category | 86.8869    | 0.1 % of block  |

Acres in NC Significant Natural Heritage Areas 0 0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| Length of Rivers and Streams in Blocks |              | Roads in Blocks |            |
|--|--------------|-----------------|------------|
| Stream Class                           | Stream Miles | Road Class      | Road Miles |
| 1a                                     | 131.7838     | 2               | 38.7206    |
| 1b                                     | 40.4117      | 3               | 2.3844     |
| 2_                                     | 4.7094       | 6               | 223.3666   |
| 3a                                     | 6.4141       | 8               | 0.3355     |

Miles of Powerlines 32.8273 Miles of Railroads 0

**Element Occurrences by Major Group**

## Element Occurrence Summary

16 amphibian  
14 mammal  
5 natural community  
3 natural community  
1 invertebrate-insect  
6 invertebrate-mollusk  
4 plant-nonvascular  
2 othe-outcrop/waterfall  
99 plant-dicot  
2 plant-gymnosperm  
98 plant-monocot  
13 plant-fern/spleenwort

## SBR Ecoregional Target Occurrences

2 natural community  
3 natural community  
1 natural community  
1 natural community  
1 natural community  
3 natural community  
1 amphibian  
3 plant-dicot  
12 plant-monocot  
4 plant-fern/spleenwort

## Expert Comments

**Forest Types** PP, blackjack oak, TMP, shortleaf

**All Comments** Not as contiguous forest as some other areas. Slightly less development than Sumter, but every paved road has houses, restaurants, etc. Tom thinks less people in this block than in Sumter. Same as Sumter. Very similar to Sumter. Mixed age forest; some mature. Maybe a little younger than others. Heavily managed over last 30 yrs by USFS. But some old yellow pines too. Lots of burning. Shortleaf, pitch pine plantations. THE most pyrric block in Ga. Was hit by pine beetle, but because has so much more, more is doing well. Type of red crossbill different in bill morphology & vocalizations, specializing in TMP Green salamanders. Highest numbers of smooth coneflower. Persistent trillium record. May be southernmost site for Turkeybeard. Panther Creek significant botanically--southernmost pop of persistent trillium. Rare trillium on pvt land on SC side (Battle Creek). Swainson's warbler population Invasives throughout area, probably a lot denser than other areas-- a lot being treated on USFS. State doing a fair amt of aggressive treatments in State Park. This is probably the center of the distribution of miscanthus. Place where Table Mountain Pine and echinacea grow at same site--only place in world??? Lot of glade barren. Tallulah Gorge rock has its own suite of spp. Carolina Hemlock Bluffs. Shortleaf pine/rhododendron minus community pretty rare. Includes part of the Wild & Scenic Area (a little) Complex geology. Marble outcrop. Lower elevation generally

Group 4 Block Name Mid-Chattooga

Acres 38680.954 Hectares 15653.62663

Acres of largest interior roadless block 13853.0595 36 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |      |                              |
|------------------------|-------|------|------------------------------|
| acres of forest        | 35664 | 92.2 | % of forest in block         |
| acres of water         | 72    | 0.2  | % of water in block          |
| acres of rock and sand | 2     | 0    | % of rock and sand in block  |
| acres developed        | 1198  | 3.1  | % of developed in block      |
| acres shrub and herb   | 467   | 1.2  | % of shrub and herb in block |
| acres agriculture      | 1189  | 3.1  | % of agriculture in block    |
| acres wetland          | 85    | 0.2  | % of wetlands in block       |

**Secured Areas Summary of Block**

|                |                   |            |                 |
|----------------|-------------------|------------|-----------------|
| GAP Category 1 | Acres in Category | 3209.8377  | 8.3 % of block  |
| GAP Category 3 | Acres in Category | 26866.1338 | 69.5 % of block |
| GAP Category 9 | Acres in Category | 0.3967     | 0 % of block    |

Acres in NC Significant Natural Heritage Areas 0 0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| Length of Rivers and Streams in Blocks |              | Roads in Blocks |            |
|--|--------------|-----------------|------------|
| Stream Class                           | Stream Miles | Road Class      | Road Miles |
| 1a                                     | 69.9779      | 2               | 10.879     |
| 1b                                     | 22.6986      | 3               | 46.9679    |
| 2_                                     | 23.0537      | 6               | 159.1583   |
| 3a                                     | 3.2734       | 8               | 6.5401     |
|  |              | 9               | 11.5739    |

Miles of Powerlines 0 Miles of Railroads 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

1 amphibian  
12 mammal  
1 reptile  
1 invertebrate-insect  
5 invertebrate-mollusk  
41 plant-dicot  
5 plant-monocot  
7 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

2 natural community  
2 natural community  
9 plant-dicot

**Expert Comments**

**Forest Types** More white pine, hemlock. Very different from Lower Chattooga--a lot less piney

**All Comments** FS ownership a little more fragmented than some others. A lot less development than in other 2 blocks; much steeper slopes. Better than in Sumter and Lower Chattooga. SC side mgmt history probably pretty close to Sumter and Lower Chattooga, except less burning. Ga: typical logging history, possibly a little on the younger side like Lower Chattooga. Hit pretty hard by pine beetle, so ridgetop pine not doing well. Just a few left where were whole stands before. Smooth coneflower (fire adapted) here also; Fraser's loosestrife; mosses. "typical" Spray cliffs & plants on Chattooga. Includes Wild & Scenic River. NOTE: this includes area where NC and SC geology show one thing and GA shows something different.

Group 4 Block Name Sumter

Acres 34910.76 Hectares 14127.88333

Acres of largest interior roadless block 10210.0383 29 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |                                  |
|------------------------|-------|----------------------------------|
| acres of forest        | 30733 | 88 % of forest in block          |
| acres of water         | 12    | 0 % of water in block            |
| acres of rock and sand | 78    | 0.2 % of rock and sand in block  |
| acres developed        | 1092  | 3.1 % of developed in block      |
| acres shrub and herb   | 1247  | 3.6 % of shrub and herb in block |
| acres agriculture      | 1655  | 4.7 % of agriculture in block    |
| acres wetland          | 91    | 0.3 % of wetlands in block       |

**Secured Areas Summary of Block**

|                |                   |            |                 |
|----------------|-------------------|------------|-----------------|
| GAP Category 1 | Acres in Category | 500.7546   | 1.4 % of block  |
| GAP Category 3 | Acres in Category | 22420.2557 | 64.2 % of block |
| GAP Category 9 | Acres in Category | 221.2899   | 0.6 % of block  |

Acres in NC Significant Natural Heritage Areas 0 0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| Length of Rivers and Streams in Blocks |              | Roads in Blocks |            |
|--|--------------|-----------------|------------|
| Stream Class                           | Stream Miles | Road Class      | Road Miles |
| 1a                                     | 80.5511      | 2               | 7.0347     |
| 1b                                     | 25.0059      | 3               | 25.2871    |
| 2_                                     | 8.1657       | 6               | 203.0401   |

Miles of Powerlines 0 Miles of Railroads 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

1 amphibian  
 23 mammal  
 8 natural community  
 4 invertebrate-insect  
 2 plant-nonvascular  
 1 othe-outcrop/waterfall  
 2 othe-outcrop/waterfall  
 178 plant-dicot  
 66 plant-monocot  
 35 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

1 natural community  
 1 natural community  
 2 mammal  
 10 plant-dicot  
 7 plant-monocot  
 3 plant-fern/spleenwort

**Expert Comments**

**Forest Types** Lots of open shortleaf pine forest. Hillsides, ridgetops are dry.

**All Comments** A lot. Every paved road will have fields around. Very dissected areas. Lot of septic tanks. Chauga River not so good. Fair number of cattle operations. Lots and lots of clearcuts in 70s and 80s. No longer logging NF lands, but active clearcuts til 90s. Just thinning now. Lots of woodlands created with prescribed burning--looks good. Lots of interior forest breeding species. Fire-dependent smooth coneflower--highest number colonies anywhere in world. Endemic Chauga River crawfish. Mafic glades, rich forest with midwestern disjuncts. "Lots of private lands." AND "Mostly US Forest Service." (???) Lots of inholdings Inholdings mostly 50 ac or less. Very geologically complex

Group **5** Block Name **Bull Mt.**

**Acres** 21803.881 **Hectares** 8823.717653

**Acres of largest interior roadless block** 11016.7131 51 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |     |                                     |
|-------------------------------|-------|-----|-------------------------------------|
| <b>acres of forest</b>        | 20505 | 94  | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 2     | 0   | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 15    | 0.1 | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 252   | 1.2 | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 201   | 0.9 | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 479   | 2.2 | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 6     | 0   | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

|                       |                          |          |      |                   |
|-----------------------|--------------------------|----------|------|-------------------|
| <b>GAP Category 2</b> | <b>Acres in Category</b> | 389.3436 | 1.8  | <b>% of block</b> |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 2249.354 | 10.3 | <b>% of block</b> |
| <b>GAP Category 4</b> | <b>Acres in Category</b> | 104.6416 | 0.5  | <b>% of block</b> |

**Acres in NC Significant Natural Heritage Areas** 0 0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 31.9074             | 3                      | 4.2196            |
| 1b  | 8.3597              | 6                      | 42.7519           |
|   |                     | 9                      | 23.3694           |

**Miles of Powerlines** 0 **Miles of Railroads** 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

**SBR Ecoregional Target Occurrences**

**Expert Comments**

**Forest Types**

**All Comments** NOT RVWD???

**Group**      **5**                      **Block Name**      **Fairy Stone**

**Acres**    130828.19              **Hectares**    52944.28997

**Acres of largest interior roadless block**    39132.8002    30 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |     |                                     |
|-------------------------------|-------|-----|-------------------------------------|
| <b>acres of forest</b>        | 92947 | 71  | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 235   | 0.2 | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 15    | 0   | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 3370  | 2.6 | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 1319  | 1   | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 9390  | 7.2 | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 54    | 0   | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

|                       |                          |            |      |                   |
|-----------------------|--------------------------|------------|------|-------------------|
| <b>GAP Category 2</b> | <b>Acres in Category</b> | 4731.6022  | 3.6  | <b>% of block</b> |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 2780.9033  | 2.1  | <b>% of block</b> |
| <b>GAP Category 4</b> | <b>Acres in Category</b> | 15967.5461 | 12.2 | <b>% of block</b> |

**Acres in NC Significant Natural Heritage Areas**                      0                      0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 121.1945            | 2                      | 22.0748           |
| 1b  | 79.6941             | 3                      | 28.9825           |
| 2_  | 18.7115             | 6                      | 307.7518          |
|   |                     | 8                      | 7.5227            |
|   |                     | 9                      | 19.391            |

**Miles of Powerlines**                      19.8713              **Miles of Railroads**                      0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

23 VA - no major group inf

**SBR Ecoregional Target Occurrences**

1 reptile

2 plant-monocot

**Expert Comments****Forest Types**

**All Comments** (see comment) 28 segments of coldwater trout streams.

**Group**      5                      **Block Name**      Pinnacles of Dan

**Acres**    42549.709                      **Hectares**    17219.25636

**Acres of largest interior roadless block**    24209.7313    57 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 39389 | 92.6 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 121   | 0.3  | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 8     | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 772   | 1.8  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 299   | 0.7  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 1987  | 4.7  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 9     | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category** 4                      **Acres in Category**    2.3645                      0 % of block

**Acres in NC Significant Natural Heritage Areas**                      0                      0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 61.5151             | 2                      | 7.089             |
| 1b  | 34.9279             | 3                      | 1.1847            |
| 2_  | 4.7789              | 5                      | 0.0089            |
|   |                     | 6                      | 105.1249          |
|   |                     | 8                      | 0.106             |
|   |                     | 9                      | 5.6248            |

**Miles of Powerlines**                      0                      **Miles of Railroads**                      0

## Element Occurrences by Major Group

### Element Occurrence Summary

5 VA - no major group inf

### SBR Ecoregional Target Occurrences

1 natural community

1 fish

### Expert Comments

### Forest Types

### All Comments

Big development just went in at NE corner near Meadows of Dan Big Bend of Dan--primary catchment and storage area for City of Danville power plant ; 34 segments of trout stream Gorge pretty unique; the Pinnacles are pretty unique shaped mountaintop; not a lot of natural heritage work been done here. Lot of private land

Group **6** Block Name **Doe Mt.**

**Acres** 19337.571 **Hectares** 7825.63733

**Acres of largest interior roadless block** 18666.4427 97 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 17136 | 88.6 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 0     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 29    | 0.1  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 434   | 2.2  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 154   | 0.8  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 1595  | 8.2  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 0     | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category** 3 **Acres in Category** 1.5497 0 % of block

**Acres in NC Significant Natural Heritage Areas** 0 0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 54.4946             | 3                      | 18.857            |
| 1b  | 1.7629              | 6                      | 35.597            |
| 2_  | 0.52                | 8                      | 0.096             |
|   |                     | 9                      | 0.054             |

**Miles of Powerlines** 0 **Miles of Railroads** 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

- 1 amphibian
- 2 fish
- 3 plant-dicot
- 2 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

- 1 amphibian
- 1 fish
- 1 plant-dicot

**Expert Comments**

**Forest Types** Only one comment from TN experts. Mostly pvt land.

**All Comments** Not public land. Large pvt tract now in bankruptcy.

Group 7 Block Name Bald Mts./Rocky Fork

Acres 97470.901 Hectares 39445.07415

Acres of largest interior roadless block 86353.9463 89 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |      |                              |
|------------------------|-------|------|------------------------------|
| acres of forest        | 91458 | 93.8 | % of forest in block         |
| acres of water         | 124   | 0.1  | % of water in block          |
| acres of rock and sand | 22    | 0    | % of rock and sand in block  |
| acres developed        | 1677  | 1.7  | % of developed in block      |
| acres shrub and herb   | 1508  | 1.5  | % of shrub and herb in block |
| acres agriculture      | 2648  | 2.7  | % of agriculture in block    |
| acres wetland          | 57    | 0.1  | % of wetlands in block       |

**Secured Areas Summary of Block**

GAP Category 1 Acres in Category 7965.9099 8.2 % of block

GAP Category 3 Acres in Category 54545.5613 56 % of block

Acres in NC Significant Natural Heritage Areas 634.5005 0.7 % of block in NC Sig. Nat. Her. Area

**Linear Features**

**Length of Rivers and Streams in Blocks**

Stream Class Stream Miles

1a 223.5339

1b 32.2117

2\_ 3.5761

3a 6.6116

**Roads in Blocks**

Road Class Road Miles

1 6.4375

3 66.8539

4 1.305

5 0.035

6 107.4363

8 21.8139

9 2.9406

**Miles of Powerlines**

0

**Miles of Railroads**

0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

**SBR Ecoregional Target Occurrences**

|                         |                     |
|-------------------------|---------------------|
| 10 amphibian            | 1 natural community |
| 5 bird                  | 1 natural community |
| 102 fish                | 2 natural community |
| 12 mammal               | 1 natural community |
| 1 reptile               | 1 natural community |
| 7 natural community     | 1 natural community |
| 7 invertebrate-insect   | 1 natural community |
| 26 invertebrate-mollusk | 1 natural community |
| 56 plant-dicot          | 1 mammal            |
| 1 plant-gymnosperm      | 19 plant-dicot      |
| 40 plant-monocot        |                     |
| 1 plant-fern/spleenwort |                     |

**Expert Comments**

**Forest Types** "Excellent dying Car Hem"; N H; Old growth TMP/PP woodland at Horse Hitch G

**All Comments** "Super intact"--nearly 40,000 acres intact. This is arguably one of the least fragmented areas in TN. Lots of roadless area. Inholding w/in 10K acre Rocky Fork Tract could permit 18 mile loop road Rocky Fork is one of the most productive freestone trout streams in Southern Apps. 10K ac R Fork tract been logged repeatedly. Parts were logged just before selling to TCF. Bumpass Cove--mining co. land-- lot of historic mining, ranging from pick & shovel to hydrologic; EPA superfund site in or on edge of it. Genetically distinct Yohnahlassee salamander in R Fork tract. Lots of turkeybeard in Rocky Fork; peregrine falcon Problem in areas--becoming established. Lots of cliffs; outlying wetlands, seeps. At least one cave. High elev. Rocky summits. Lots of USFS; much wilderness. Inholding within 10K ac Rocky Fork tract. Suggest not ranking this block against Snake and Holsten--should be ranked on its own, and high priority.

Group 7 Block Name Holsten Mt.

Acres 58984.215 Hectares 23870.06496

Acres of largest interior roadless block 37621.0313 64 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |      |                              |
|------------------------|-------|------|------------------------------|
| acres of forest        | 57155 | 96.9 | % of forest in block         |
| acres of water         | 1     | 0    | % of water in block          |
| acres of rock and sand | 6     | 0    | % of rock and sand in block  |
| acres developed        | 672   | 1.1  | % of developed in block      |
| acres shrub and herb   | 373   | 0.6  | % of shrub and herb in block |
| acres agriculture      | 811   | 1.4  | % of agriculture in block    |
| acres wetland          | 3     | 0    | % of wetlands in block       |

**Secured Areas Summary of Block**

GAP Category 3 Acres in Category 53387.2808 90.5 % of block

Acres in NC Significant Natural Heritage Areas 0 0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| Length of Rivers and Streams in Blocks |              | Roads in Blocks |            |
|--|--------------|-----------------|------------|
| Stream Class                           | Stream Miles | Road Class      | Road Miles |
| 1a                                     | 164.9344     | 2               | 6.7828     |
| 1b                                     | 3.7901       | 3               | 19.0525    |
| 2_                                     | 6.0238       | 6               | 64.9326    |
|  |              | 8               | 1.9869     |
|  |              | 9               | 1.1163     |

Miles of Powerlines 0 Miles of Railroads 0

**Element Occurrences by Major Group**

## Element Occurrence Summary

45 amphibian  
3 bird  
10 fish  
12 mammal  
1 reptile  
2 invertebrate-insect  
72 plant-dicot  
2 plant-gymnosperm  
44 plant-monocot  
5 plant-fern/spleenwort

## SBR Ecoregional Target Occurrences

1 natural community  
1 natural community  
3 mammal  
2 plant-dicot

## Expert Comments

### Forest Types

Very similar to The Snake, but shortleaf pine on west edge near Holsten Lake; a l

### All Comments

Two inventoried roadless areas--Flint Mill and Beaverdam Creek. Lots of roads in northern part. Suggest 421 might split this block into two, like The Snake. Not much. Houses closer to lake and along northern boundary, and along periphery going up drainages. Radar installation at southern end. Powerline across southern end. Potential interest in developing wind north of Elk Mills; Fork Mtn just south of Mtn. City (private land) (David Ray: not sure that is in THIS block) FS has actively managed some places a lot; others too steep and remote. Runs the gamut; some stands 150 yrs old, others being actively harvested by FS. Lot of arson ("understate-ment") Radar installation at southern end. Pretty good Rx fire program here. Quarry at south end???

Jamey Donaldson (expert at meeting) says he saw a mtn lion here in 1996. Very steep slopes and hung drainages on western side--135+ acres (Josh Kelly). Sinkholes as move into limestone areas--[patch up in extreme North corner-Rockhouse Run.] Caves. Little Stony Creek drainage--spray cliffs. Starting some bog restoration. FS land. Nothing in particular that jumps out. Ranking: Snake has better connectivity than Holsten--main corridor of Apps. Suggest 421 might split this block into two, like The Snake.

Group 7 Block Name The Snake

Acres 55846.403 Hectares 22600.23757

Acres of largest interior roadless block 24572.1727 44 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |      |                              |
|------------------------|-------|------|------------------------------|
| acres of forest        | 52882 | 94.7 | % of forest in block         |
| acres of water         | 13    | 0    | % of water in block          |
| acres of rock and sand | 25    | 0    | % of rock and sand in block  |
| acres developed        | 847   | 1.5  | % of developed in block      |
| acres shrub and herb   | 371   | 0.7  | % of shrub and herb in block |
| acres agriculture      | 1732  | 3.1  | % of agriculture in block    |
| acres wetland          | 2     | 0    | % of wetlands in block       |

**Secured Areas Summary of Block**

GAP Category 1 Acres in Category 6544.7942 11.7 % of block

GAP Category 3 Acres in Category 41225.1126 73.8 % of block

Acres in NC Significant Natural Heritage Areas 0 0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| Length of Rivers and Streams in Blocks |              | Roads in Blocks |            |
|--|--------------|-----------------|------------|
| Stream Class                           | Stream Miles | Road Class      | Road Miles |
| 1a                                     | 173.0225     | 10              | 6.8862     |
| 1b                                     | 5.5958       | 2               | 14.7143    |
| 2_                                     | 7.361        | 3               | 28.587     |
|  |              | 6               | 61.9975    |
|  |              | 8               | 12.8374    |

Miles of Powerlines 0 Miles of Railroads 0

**Element Occurrences by Major Group**

## Element Occurrence Summary

1 VA - no major group inf  
100 amphibian  
4 bird  
39 fish  
15 mammal  
2 invertebrate-insect  
4 invertebrate-mollusk  
1 plant-nonvascular  
71 plant-dicot  
5 plant-gymnosperm  
44 plant-monocot  
5 plant-fern/spleenwort

## SBR Ecoregional Target Occurrences

1 natural community  
1 natural community  
1 fish  
3 mammal  
3 plant-dicot

## Expert Comments

**Forest Types** Lots of mixed mesophytic--cove hardwoods, N H; rich forests. On top of ridge:

## All Comments

Remnant "roadless" area (5K acres) on northern end (was 12K--reduced, but still has few roads). "Pretty high chance of restoration (to more mixed age) on north end and south end b/c of roadless areas, and pretty good in middle too." US 421--might want to consider that a fragmenter cutting this into 2 blocks (N and S) Powerline cut across Iron Mtn at northern end of boundary. Development (ag and residential) coming in from valleys; development areas on certain parts around it. Just outside block is Wright Forest, 50 acres of old growth white pine/poplar/ white oak--what historically Shady Valley would have been like--no other type like it. Attempted development on Cross Mtn where this block links with Holsten Mtn--significant wetland commty there. Good; old iron mining, but so old, not a problem now. Limited logging in Northern end; moderate logging in middle; Low/moderate logging in southern end. A few scattered, small O G areas; most logged though; eastern slope logged more. Old logging; iron mining (but not really an issue); couple of "pretty good" wildfires; little bit of Rx fire at south end. Carolina saxifrage; roundleaf sundew on cliff. Nesting ravens. FS "looked at road densities for watershed--pretty good surrogate for potential spread of invasives" (Mark Pistrang). Someone was trying to stock wild hogs here, and getting to be more and more of them (wildlife officers trying to eradicate). rare birch nat. community. Boulderfield forest plentiful. Lot of tribs going into Beaverdam Crk at north end--cliffs, small gorges, connect into larger Beaverdam Creek gorge; lot of exposed, moist rock areas--unique community at northern end. Entire ridgetop shagbark hickory community. Some nice rich seeps, springheads. Seepage cliffs (G2). Lindy Camp Bog (swamp forest-bog complex)--100 ac.. FS Wilderness at very southern end. TNC Dickey preserve. Camp Ahistidee (spelling?) Ranking: Snake has better connectivity than Holsten--main corridor of Apps. US 421--might want to consider that a fragmenter cutting this into 2 blocks (N and S)

Group **8** Block Name **Max Patch**

**Acres** 36268.182 **Hectares** 14677.21255

**Acres of largest interior roadless block** 12459.2971 34 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 32549 | 89.7 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 78    | 0.2  | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 18    | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 1193  | 3.3  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 507   | 1.4  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 1908  | 5.3  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 11    | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 3** **Acres in Category** 19820.6753 54.7 % of block

**Acres in NC Significant Natural Heritage Areas** 299.8041 0.8 % of block in NC Sig. Nat. Her. Area

**Linear Features**

**Length of Rivers and Streams in Blocks**

**Stream Class** **Stream Miles**

1a 87.1948

1b 11.6295

2\_ 1.9369

3b 5.9782

**Roads in Blocks**

**Road Class** **Road Miles**

10 1.4105

2 21.0729

3 27.5455

6 102.5694

8 13.2511

9 0.2845

**Miles of Powerlines**

0

**Miles of Railroads**

11.6305

## Element Occurrences by Major Group

### Element Occurrence Summary

2 bird  
12 fish  
2 mammal  
1 natural community  
3 invertebrate-insect  
3 invertebrate-mollusk  
3 plant-nonvascular  
22 plant-dicot  
1 plant-monocot

### SBR Ecoregional Target Occurrences

3 plant-dicot

### Expert Comments

### Forest Types

### All Comments

Very similar geology with Hurricane. Suggest should be lumped with Hurricane & Harmon Den--only dirt roads separating them.

**Group**        9                      **Block Name**        Brasstown Bald?

**Acres**    23504.732              **Hectares**    9512.027596

**Acres of largest interior roadless block**    23337.7480    99 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |                                  |
|-------------------------------|-------|----------------------------------|
| <b>acres of forest</b>        | 23040 | 98 % of forest in block          |
| <b>acres of water</b>         | 0     | 0 % of water in block            |
| <b>acres of rock and sand</b> | 3     | 0 % of rock and sand in block    |
| <b>acres developed</b>        | 248   | 1.1 % of developed in block      |
| <b>acres shrub and herb</b>   | 69    | 0.3 % of shrub and herb in block |
| <b>acres agriculture</b>      | 104   | 0.4 % of agriculture in block    |
| <b>acres wetland</b>          | 3     | 0 % of wetlands in block         |

**Secured Areas Summary of Block**

|                       |                          |            |                 |
|-----------------------|--------------------------|------------|-----------------|
| <b>GAP Category 1</b> | <b>Acres in Category</b> | 13076.3452 | 55.6 % of block |
| <b>GAP Category 2</b> | <b>Acres in Category</b> | 31.2628    | 0.1 % of block  |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 6333.1695  | 26.9 % of block |

**Acres in NC Significant Natural Heritage Areas**                      0                      0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 55.3413             | 3                      | 9.7002            |
| 1b  | 3.7655              | 6                      | 24.2053           |
|   |                     | 9                      | 3.5278            |

**Miles of Powerlines**                      0              **Miles of Railroads**                      0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

8 mammal  
2 natural community  
28 plant-dicot  
13 plant-monocot

**SBR Ecoregional Target Occurrences**

2 natural community  
1 natural community  
1 natural community

**Expert Comments**

**Forest Types** N H; boulderfield forest; dwarf red oak at top.

**All Comments** Mostly mature. Probably not logged as heavily. Very steep, hard to get to. Sicklesfin redhorse in Brasstown Creek (hw just in block) Licens more common in NC/TN. Three toothed cinquefoil. Uncommon for Ga: breeding rose breasted grosbeaks, veerys, winter wrens, ravens, Swainson's warblers; good suite of Canada warblers. Fringed gentian at Track Rock. App. cottontail, red sq. "Lots of nice plant life at northern end." Rock outcrops with rare plants. Fen-like wetland. Big chunk is USFS Brasstown Wilderness area. Wouldn't expect to be grouped with Rich Mtn. because ultramafic serpentine olivine ringing it! LOOK CLOSELY AT STRANGE GEOLOGIC FEATURE!!

Group **9** Block Name **Cheoah**

**Acres** 39676.258 **Hectares** 16056.41199

**Acres of largest interior roadless block** 38557.5979 97 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 36843 | 92.9 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 29    | 0.1  | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 27    | 0.1  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 1439  | 3.6  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 333   | 0.8  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 909   | 2.3  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 72    | 0.2  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 2 Acres in Category** 225.0503 0.6 % of block

**GAP Category 3 Acres in Category** 23478.9198 59.2 % of block

**Acres in NC Significant Natural Heritage Areas** 311.718 0.8 % of block in NC Sig. Nat. Her. Area

**Linear Features**

**Length of Rivers and Streams in Blocks**

**Stream Class Stream Miles**

1a 87.4155

1b 17.3726

2\_ 5.8233

**Roads in Blocks**

**Road Class Road Miles**

10 6.6285

2 53.9557

3 30.9569

6 76.1321

8 0.795

**Miles of Powerlines** 24.6038

**Miles of Railroads** 35.6561

**Element Occurrences by Major Group**

## Element Occurrence Summary

19 amphibian  
4 bird  
1 fish  
4 mammal  
1 reptile  
4 natural community  
2 invertebrate-insect  
2 invertebrate-mollusk  
2 plant-nonvascular  
7 plant-dicot  
10 plant-monocot

## SBR Ecoregional Target Occurrences

1 natural community  
1 natural community  
2 amphibian  
1 reptile

## Expert Comments

### Forest Types

### All Comments

Roadless area of approx. 7-8,000 ac. Cheoah Bald has at least 3000 ac of "old growth" on it. GWW's, Ceruleans, several rare salamanders lots of snha's "Keeper!" Corridor K may carve off northern portion near Stecoah, tunnel through Stecoah Mtn. Might want to cut out Stecoah area.

Group **9** Block Name **Cove Mt. WMA**

**Acres** 13599.936 **Hectares** 5503.698968

**Acres of largest interior roadless block** 13493.6027 99 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 13366 | 98.3 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 2     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 0     | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 195   | 1.4  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 7     | 0.1  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 15    | 0.1  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 6     | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 1** **Acres in Category** 7838.4447 57.6 % of block

**Acres in NC Significant Natural Heritage Areas** 0 0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 29.1478             | 2                      | 8.685             |
| 1b  | 7.3767              | 3                      | 20.2729           |
| 2_  | 3.6169              | 6                      | 17.8057           |
|   |                     | 7                      | 0.1318            |

**Miles of Powerlines** 0 **Miles of Railroads** 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

8 amphibian  
4 fish  
5 mammal  
4 reptile  
1 invertebrate-mollusk  
2 plant-nonvascular  
2 plant-dicot  
1 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

1 fish  
1 plant-nonvascular

**Expert Comments****Forest Types****All Comments**

Includes part of Great Smoky Mtn NP; includes Ober Gatlinburg (highly disturbed) Lots of WUI Has limestone. TN experts: small block, Ober Gatlinburg--don't spend much time on this block, doesn't make intuitive sense.

Group **9** Block Name **Fires Creek**

**Acres** 60413.264 **Hectares** 24448.38073

**Acres of largest interior roadless block** 45199.4114 75 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 57173 | 94.6 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 2     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 10    | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 1374  | 2.3  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 611   | 1    | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 1127  | 1.9  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 66    | 0.1  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category** 3 **Acres in Category** 41342.2463 68.4 % of block

**Acres in NC Significant Natural Heritage Areas** 13503.8306 22.4 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 124.1495            | 2                      | 3.7208            |
| 1b  | 31.0385             | 3                      | 44.2346           |
| 2_  | 4.2874              | 6                      | 136.2459          |
|   |                     | 8                      | 1.4924            |
|   |                     | 9                      | 0.9452            |

**Miles of Powerlines** 0 **Miles of Railroads** 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

16 amphibian  
4 fish  
1 mammal  
2 reptile  
4 invertebrate-crustation  
3 plant-nonvascular  
2 plant-dicot

**SBR Ecoregional Target Occurrences**

1 fish  
2 mammal  
1 reptile  
3 invertebrate-crustation

**Expert Comments****Forest Types****All Comments**

Huge blocks of roadless and mature forest in this block Biggest pop. Of So. App. Liverwort (confirm--this block??); Bog at edge with Chunky Gal (in this block, or left out of both?) "Fires Creek is different"--metasedimentary

Group **9** Block Name **Great Smokys West**

**Acres** 340182.49 **Hectares** 137666.9711

**Acres of largest interior roadless block** 313035.188 92 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |        |      |                                     |
|-------------------------------|--------|------|-------------------------------------|
| <b>acres of forest</b>        | 326304 | 95.9 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 493    | 0.1  | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 101    | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 6010   | 1.8  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 2112   | 0.6  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 4719   | 1.4  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 238    | 0.1  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

|                       |                          |            |      |                   |
|-----------------------|--------------------------|------------|------|-------------------|
| <b>GAP Category 1</b> | <b>Acres in Category</b> | 297838.179 | 87.6 | <b>% of block</b> |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 3104.3934  | 0.9  | <b>% of block</b> |
| <b>GAP Category 4</b> | <b>Acres in Category</b> | 391.6858   | 0.1  | <b>% of block</b> |

**Acres in NC Significant Natural Heritage Areas** 153900.0675 45.2 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 601.3684            | 1                      | 0.114             |
| 1b  | 160.7979            | 10                     | 0.5987            |
| 2_  | 33.4199             | 2                      | 92.5193           |
| 3a  | 6.4159              | 3                      | 55.4148           |
| 3b  | 0.0286              | 4                      | 0.2103            |
|   |                     | 5                      | 0.2066            |
|   |                     | 6                      | 363.9921          |
|   |                     | 7                      | 0.218             |

8 36.2317

9 15.6109

**Miles of Powerlines** 74.932

**Miles of Railroads** 24.1346

### Element Occurrences by Major Group

#### Element Occurrence Summary

#### SBR Ecoregional Target Occurrences

826 amphibian

4 natural community

14 bird

6 natural community

886 fish

1 natural community

93 mammal

3 natural community

31 reptile

2 natural community

15 natural community

2 natural community

6 invertebrate-crustation

1 natural community

8 invertebrate-insect

3 natural community

5 invertebrate-arachnid

1 natural community

6 invertebrate-mollusk

1 natural community

37 plant-nonvascular

1 natural community

1 plant-nonvascular

1 natural community

85 plant-dicot

1 natural community

7 plant-gymnosperm

2 natural community

41 plant-monocot

5 amphibian

11 plant-fern/spleenwort

12 fish

54 mammal

25 plant-nonvascular

3 plant-nonvascular

3 plant-dicot

29 plant-monocot

6 plant-fern/spleenwort

#### Expert Comments

**Forest Types**

**All Comments**

NC expts argue should be combined with GS East; TN experts noted difference

Group **9** Block Name **Harmon Den**

**Acres** 37554.754 **Hectares** 15197.86985

**Acres of largest interior roadless block** 27551.96 73 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 34810 | 92.7 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 0     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 11    | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 1197  | 3.2  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 335   | 0.9  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 1194  | 3.2  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 2     | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 3** **Acres in Category** 24254.0813 64.6 % of block

**Acres in NC Significant Natural Heritage Areas** 778.6211 2.1 % of block in NC Sig. Nat. Her. Area

**Linear Features**

**Length of Rivers and Streams in Blocks**

**Stream Class** **Stream Miles**

1a 103.391

1b 27.1309

**Roads in Blocks**

**Road Class** **Road Miles**

1 19.2059

3 12.3221

4 0.7764

6 106.4491

8 1.8494

9 2.2974

**Miles of Powerlines** 11.2482

**Miles of Railroads** 0

## Element Occurrences by Major Group

### Element Occurrence Summary

1 amphibian  
3 fish  
6 mammal  
4 natural community  
1 invertebrate-insect  
6 plant-dicot

### SBR Ecoregional Target Occurrences

1 natural community  
2 natural community  
1 natural community  
1 natural community  
1 plant-dicot

### Expert Comments

#### Forest Types

R C; Hemlock forest

#### All Comments

"Potential development" at Boomer en on eastern side may fragment. Gulf tract "hammered--horrible" Some old growth in area. (2000 ac O G patch on NC side). Trail Fork pretty good condition. In lower elevations, have had some major fires in TN (fire suppressed on NC side). GWW's near picnic area; woodrat along river gorge. Kudzu really bad along river and major road corridors. Only known Yellow Wood forest (Jamey D.). Unusual forests that Josh K. thinks are "native white pine cove forests." Some interesting streams and associated seeps and wetlands. River frontages "pretty neat"--pockets of wildflower types. Includes Martha Sundquist State Forest. Note: best wildlife corridor over I-40 exists b/t Smokys East and Harmon Den. Harmon Den has Max Patch granite; seems not similar to Joyce Kilmer and West Smokies. Suggest should be lumped with Max Patch & Hurricane--only dirt roads separating them.

Group **9** Block Name **Joyce Kilmer/Unicoi Mts./Slick Rock**

**Acres** 378846.49 **Hectares** 153313.7369

**Acres of largest interior roadless block** 84086.5555 22 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |        |      |                                     |
|-------------------------------|--------|------|-------------------------------------|
| <b>acres of forest</b>        | 355551 | 93.9 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 206    | 0.1  | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 62     | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 10186  | 2.7  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 5156   | 1.4  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 6872   | 1.8  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 406    | 0.1  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

|                       |                          |            |      |                   |
|-----------------------|--------------------------|------------|------|-------------------|
| <b>GAP Category 1</b> | <b>Acres in Category</b> | 23907.1919 | 6.3  | <b>% of block</b> |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 228740.251 | 60.4 | <b>% of block</b> |
| <b>GAP Category 4</b> | <b>Acres in Category</b> | 1968.6774  | 0.5  | <b>% of block</b> |

**Acres in NC Significant Natural Heritage Areas** 16813.7778 4.4 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 671.9745            | 2                      | 94.4966           |
| 1b  | 201.4248            | 3                      | 71.4306           |
| 2_  | 39.6984             | 6                      | 820.9706          |
| 3a  | 2.9326              | 8                      | 11.3683           |
|   |                     | 9                      | 15.9482           |

**Miles of Powerlines** 83.4307 **Miles of Railroads** 21.3871

**Element Occurrences by Major Group**

**Element Occurrence Summary**

424 amphibian  
 32 bird  
 1388 fish  
 112 mammal  
 15 reptile  
 12 natural community  
 2 invertebrate-crustation  
 10 invertebrate-insect  
 48 invertebrate-mollusk  
 69 plant-nonvascular  
 93 plant-dicot  
 1 plant-gymnosperm  
 63 plant-monocot  
 18 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

2 natural community  
 2 natural community  
 2 natural community  
 2 natural community  
 4 natural community  
 2 natural community  
 2 natural community  
 1 natural community  
 1 natural community  
 1 natural community  
 20 amphibian  
 24 fish  
 15 mammal  
 2 plant-nonvascular  
 2 plant-nonvascular  
 9 plant-dicot  
 2 plant-monocot  
 2 plant-fern/spleenwort

**Expert Comments**

**Forest Types** Wide variety; spruce fir (G1); shortleaf pine; HERO; one of best N H (rich type) o

**All Comments** A little bit higher quality on North side of 143; TN side south of road really high quality too. Some old growth shortleaf pine, and quality habitat (some germinated in 1600's). Southern pine beetle kill pretty dramatic throughout, but some good shortleaf pine on N-S ridges. Needs to be MORE fire here than there has been. High densities of migratory forest interior birds Many rare spp and natural communities. Some of the highest populations of rock gnome lichen; Indiana bats; GWW's; sawwhet owl; northern flying squirrel; ash leaf golden banner; Allegheny Mountain Golden Banner Wild hogs a problem; invasive plants a problem hemlock/ silverbell (G2); dolomite exposures and white oak sink--one of the more impressive calcareous limestone forests seen (Josh Kelly). Grassy bald. Fire dependent Red Knobs Post Oak-Virginia Pine Woodland (w/ one fed endangered species & one st sp of concern). Bog. Lot of FS (big wilderness) Probably tied for highest rainfall (at highest elevations) in eastern U.S. Josh suggests splitting along Hwy 143. Group agreed. (See comment to this cell). Josh also recommends extending boundary all way to Hiwassee River at SW boundary--road there is minimal.

Group **9** Block Name **Rich Mt.**

**Acres** 29728.223 **Hectares** 12030.58487

**Acres of largest interior roadless block** 24290.0247 82 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 29330 | 98.7 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 1     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 2     | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 189   | 0.6  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 63    | 0.2  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 96    | 0.3  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 2     | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

|                       |                          |            |      |                   |
|-----------------------|--------------------------|------------|------|-------------------|
| <b>GAP Category 1</b> | <b>Acres in Category</b> | 10312.22   | 34.7 | <b>% of block</b> |
| <b>GAP Category 2</b> | <b>Acres in Category</b> | 194.8459   | 0.7  | <b>% of block</b> |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 11036.9673 | 37.1 | <b>% of block</b> |

**Acres in NC Significant Natural Heritage Areas** 0 0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 42.4498             | 2                      | 0.2528            |
| 1b  | 7.7864              | 3                      | 17.0722           |
|   |                     | 6                      | 22.4199           |
|   |                     | 9                      | 0.614             |

**Miles of Powerlines** 0 **Miles of Railroads** 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

2 mammal  
1 natural community  
11 plant-dicot  
5 plant-monocot

**SBR Ecoregional Target Occurrences**

2 natural community  
1 natural community

**Expert Comments**

**Forest Types** Cove type forests; Ashes and basswoods on ridges--high rainfall boulderfield for

**All Comments** Was logged pretty heavily in 1950s--pretty widespread throughout block. Took a lot of white oak. Some areas escaped. Severe fire right after 1950s logging. disjunct plants (heraculum maximum, and a trillium that needs to be named) One of Ga.'s higher wild hog populations. Small amts of kudzu. Microstegeum along interior roads, but not terrible. Very rich soils (amphibolite/schist?) USFS. Rich Mtn Wilderness takes up much of FS lands, and part outside is low-intensity mgmt, so not much mgmt in block. Mtn Conservation Trust has CE next to Wilderness. Very distinct block for Ga. in its vegetation; high rainfall

Group **9** Block Name **Yellow Creek**

**Acres** 40683.566 **Hectares** 16464.05523

**Acres of largest interior roadless block** 14686.6098 36 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |     |                                     |
|-------------------------------|-------|-----|-------------------------------------|
| <b>acres of forest</b>        | 37042 | 91  | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 18    | 0   | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 1     | 0   | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 1880  | 4.6 | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 320   | 0.8 | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 1307  | 3.2 | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 81    | 0.2 | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category** 3 **Acres in Category** 22209.1371 54.6 % of block

**Acres in NC Significant Natural Heritage Areas** 2351.68 5.8 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 54.9045             | 10                     | 10.6133           |
| 1b  | 14.6807             | 2                      | 41.9504           |
| 2_  | 3.0762              | 3                      | 29.5638           |
| 3a  | 2.8763              | 6                      | 105.1545          |
|   |                     | 8                      | 5.3866            |
|   |                     | 9                      | 0.5917            |

**Miles of Powerlines** 44.3428 **Miles of Railroads** 0

## Element Occurrences by Major Group

### Element Occurrence Summary

2 amphibian  
5 bird  
2 mammal  
1 natural community  
6 invertebrate-insect  
6 invertebrate-mollusk  
2 plant-nonvascular  
3 plant-dicot  
2 plant-monocot  
1 plant-fern/spleenwort

### SBR Ecoregional Target Occurrences

4 amphibian

### Expert Comments

**Forest Types** Really high quality Rich Cove forest on north sides.

**All Comments** Potential for core much better north of Yellow Creek. Yellow Creek Rd in middle--lots of ag use, "hell of a lot" of invasives. Forest condition along A.T. corridor great; some north slopes fantastic, very productive. Rx. fire at LTLT CE and USFS land. GWW's; lots of Ceruleans; lots of whiporwills along 128. Largest pop. of glade spurge in WNC (toward A.T. off Yellow Mtn. Gap). Swainson's warblers. More FS land south of Yellow Creek, but forest more intact on North side. There are roads and an inholding at southern end. Suggested possible split by Yellow Gap Road; road upgraded to west of powerline.

Group **10** Block Name **Nantahala**

**Acres** 16621.315 **Hectares** 6726.407467

**Acres of largest interior roadless block** 15597.4714 94 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 15833 | 95.3 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 0     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 2     | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 589   | 3.5  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 46    | 0.3  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 132   | 0.8  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 6     | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category** 3 **Acres in Category** 10061.3041 60.5 % of block

**Acres in NC Significant Natural Heritage Areas** 11.5308 0.1 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 30.6935             | 2                      | 27.1951           |
| 1b  | 12.1143             | 3                      | 16.2026           |
| 2_  | 6.9806              | 6                      | 32.2981           |
|   |                     | 8                      | 0.1376            |

**Miles of Powerlines** 48.2981 **Miles of Railroads** 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

- 2 amphibian
- 1 bird
- 1 fish
- 1 mammal
- 1 reptile
- 1 invertebrate-insect
- 1 invertebrate-arachnid
- 5 plant-nonvascular
- 9 plant-dicot
- 3 plant-monocot

**SBR Ecoregional Target Occurrences**

- 1 natural community
- 1 reptile
- 1 plant-monocot

**Expert Comments****Forest Types****All Comments**

Huge blocks of roadless and mature forest in this block

Group 11 Block Name Black Mts.

Acres 71337.847 Hectares 28869.40225

Acres of largest interior roadless block 36192.9156 51 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |      |                              |
|------------------------|-------|------|------------------------------|
| acres of forest        | 68317 | 95.8 | % of forest in block         |
| acres of water         | 4     | 0    | % of water in block          |
| acres of rock and sand | 15    | 0    | % of rock and sand in block  |
| acres developed        | 1492  | 2.1  | % of developed in block      |
| acres shrub and herb   | 575   | 0.8  | % of shrub and herb in block |
| acres agriculture      | 959   | 1.3  | % of agriculture in block    |
| acres wetland          | 7     | 0    | % of wetlands in block       |

**Secured Areas Summary of Block**

|                |                   |            |                 |
|----------------|-------------------|------------|-----------------|
| GAP Category 2 | Acres in Category | 2634.877   | 3.7 % of block  |
| GAP Category 3 | Acres in Category | 47725.0139 | 66.9 % of block |
| GAP Category 4 | Acres in Category | 298.2745   | 0.4 % of block  |

Acres in NC Significant Natural Heritage Areas 29954.3022 42 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| Length of Rivers and Streams in Blocks |              | Roads in Blocks |            |
|--|--------------|-----------------|------------|
| Stream Class                           | Stream Miles | Road Class      | Road Miles |
| 1a                                     | 113.5843     | 10              | 1.2365     |
| 1b                                     | 21.3377      | 2               | 65.3605    |
|  |              | 3               | 40.6679    |
|  |              | 5               | 0.0304     |
|  |              | 6               | 90.5377    |
|  |              | 8               | 3.4479     |
|  |              | 9               | 4.1471     |

**Miles of Powerlines**

0

**Miles of Railroads**

0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

**SBR Ecoregional Target Occurrences**

10 amphibian

17 natural community

32 bird

1 natural community

47 mammal

10 natural community

2 reptile

11 natural community

47 natural community

1 natural community

1 invertebrate-crustation

1 natural community

6 invertebrate-insect

1 natural community

21 invertebrate-arachnid

5 natural community

6 invertebrate-mollusk

2 natural community

16 plant-nonvascular

3 natural community

9 plant-nonvascular

2 natural community

75 plant-dicot

1 natural community

22 plant-monocot

1 natural community

1 plant-fern/spleenwort

1 natural community

3 natural community

4 natural community

1 natural community

1 natural community

13 mammal

2 invertebrate-crustation

7 plant-nonvascular

9 plant-dicot

10 plant-monocot

**Expert Comments**

**Forest Types** All the way up to Spruce Fir

**All Comments** Has "16K ac or more of primary forest in this block" Concern that too much metasedimentary showing up on geology map. ALSO, may have the greatest elevation range of all blocks

**Group**      11                      **Block Name**      Great Smokys East

**Acres**      254767.9                      **Hectares**      103100.9104

**Acres of largest interior roadless block**      197392.261      77 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |        |      |                                     |
|-------------------------------|--------|------|-------------------------------------|
| <b>acres of forest</b>        | 242927 | 95.4 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 33     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 52     | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 5794   | 2.3  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 1559   | 0.6  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 4204   | 1.7  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 143    | 0.1  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

|                       |                          |            |      |                   |
|-----------------------|--------------------------|------------|------|-------------------|
| <b>GAP Category 1</b> | <b>Acres in Category</b> | 194894.829 | 76.5 | <b>% of block</b> |
| <b>GAP Category 2</b> | <b>Acres in Category</b> | 960.1211   | 0.4  | <b>% of block</b> |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 10249.8687 | 4    | <b>% of block</b> |

**Acres in NC Significant Natural Heritage Areas**      120340.9437                      47.2 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 557.0959            | 1                      | 20.2692           |
| 1b  | 123.1578            | 2                      | 106.9186          |
| 2_  | 26.0283             | 3                      | 19.2927           |
| 3a  | 13.7169             | 4                      | 1.7688            |
|   |                     | 5                      | 0.2794            |
|   |                     | 6                      | 520.9986          |
|   |                     | 7                      | 0.6483            |
|   |                     | 8                      | 4.0489            |

**Miles of Powerlines**

31.9815

**Miles of Railroads**

0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

**SBR Ecoregional Target Occurrences**

|                           |                      |
|---------------------------|----------------------|
| 255 amphibian             | 14 natural community |
| 32 bird                   | 2 natural community  |
| 5 fish                    | 6 natural community  |
| 109 mammal                | 3 natural community  |
| 10 reptile                | 3 natural community  |
| 30 natural community      | 1 natural community  |
| 1 invertebrate-crustation | 1 natural community  |
| 7 invertebrate-insect     | 2 natural community  |
| 4 invertebrate-arachnid   | 11 natural community |
| 8 invertebrate-mollusk    | 3 natural community  |
| 67 plant-nonvascular      | 4 natural community  |
| 1 plant-nonvascular       | 2 natural community  |
| 89 plant-dicot            | 2 natural community  |
| 5 plant-gymnosperm        | 4 natural community  |
| 61 plant-monocot          | 2 natural community  |
| 8 plant-fern/spleenwort   | 1 natural community  |
|                           | 3 amphibian          |
|                           | 43 mammal            |
|                           | 39 plant-nonvascular |
|                           | 7 plant-nonvascular  |
|                           | 21 plant-dicot       |
|                           | 40 plant-monocot     |

**Expert Comments**

**Forest Types** Biggest expanse of S F in east

**All Comments** Largest expanse of O G forest in So. Apps. (60K ac +) Herbaceous spp in seeps on ridge near Charlie's Bunion NC expts argue should be combined with GS West; TN experts noted difference

Group 11 Block Name Little Tennessee

Acres 74459.727 Hectares 30132.78249

Acres of largest interior roadless block 25455.0554 34 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |      |                              |
|------------------------|-------|------|------------------------------|
| acres of forest        | 69385 | 93.2 | % of forest in block         |
| acres of water         | 230   | 0.3  | % of water in block          |
| acres of rock and sand | 23    | 0    | % of rock and sand in block  |
| acres developed        | 2438  | 3.3  | % of developed in block      |
| acres shrub and herb   | 1025  | 1.4  | % of shrub and herb in block |
| acres agriculture      | 1268  | 1.7  | % of agriculture in block    |
| acres wetland          | 50    | 0.1  | % of wetlands in block       |

**Secured Areas Summary of Block**

GAP Category 3 Acres in Category 48326.838 64.9 % of block

Acres in NC Significant Natural Heritage Areas 4947.7874 6.6 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| Length of Rivers and Streams in Blocks |              | Roads in Blocks |            |
|--|--------------|-----------------|------------|
| Stream Class                           | Stream Miles | Road Class      | Road Miles |
| 1a                                     | 144.7055     | 10              | 10.5757    |
| 1b                                     | 19.9909      | 2               | 40.494     |
| 2_                                     | 6.9047       | 3               | 54.2705    |
| 3a                                     | 11.007       | 6               | 168.9109   |
|  |              | 8               | 0.7387     |

Miles of Powerlines 58.6149 Miles of Railroads 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

6 amphibian  
 4 bird  
 46 fish  
 2 mammal  
 4 reptile  
 15 natural community  
 5 invertebrate-insect  
 1 invertebrate-arachnid  
 228 invertebrate-mollusk  
 19 plant-nonvascular  
 18 plant-dicot  
 9 plant-monocot  
 1 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

1 natural community  
 2 natural community  
 1 natural community  
 4 fish  
 5 mammal  
 2 invertebrate-mollusk  
 1 plant-dicot  
 2 plant-monocot

**Expert Comments****Forest Types****All Comments**

Whiteoak Creek is good aquatic quality. This block also may be important to WQ in Little T, highest ranking biodiv. river in WNC. Suggest lumping with Chunky Gal, Nantahala, and Fires Creek. Southern boundary at Wayah Road: not very big road and pretty forested.

Group 11 Block Name Plott Balsams

Acres 48520.4 Hectares 19635.50923

Acres of largest interior roadless block 31847.4665 66 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |      |                              |
|------------------------|-------|------|------------------------------|
| acres of forest        | 44701 | 92.1 | % of forest in block         |
| acres of water         | 1     | 0    | % of water in block          |
| acres of rock and sand | 15    | 0    | % of rock and sand in block  |
| acres developed        | 2200  | 4.5  | % of developed in block      |
| acres shrub and herb   | 751   | 1.5  | % of shrub and herb in block |
| acres agriculture      | 844   | 1.7  | % of agriculture in block    |
| acres wetland          | 0     | 0    | % of wetlands in block       |

**Secured Areas Summary of Block**

|                |                   |           |                 |
|----------------|-------------------|-----------|-----------------|
| GAP Category 1 | Acres in Category | 1713.6205 | 3.5 % of block  |
| GAP Category 2 | Acres in Category | 1940.442  | 4 % of block    |
| GAP Category 3 | Acres in Category | 5716.0563 | 11.8 % of block |

Acres in NC Significant Natural Heritage Areas 5251.738 10.8 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| Length of Rivers and Streams in Blocks |              | Roads in Blocks |            |
|--|--------------|-----------------|------------|
| Stream Class                           | Stream Miles | Road Class      | Road Miles |
| 1a                                     | 84.7374      | 1               | 2.7019     |
| 1b                                     | 21.7776      | 2               | 61.0851    |
|  |              | 3               | 0.1276     |
|  |              | 4               | 0.4619     |
|  |              | 5               | 0.1298     |
|  |              | 6               | 165.4878   |
|  |              | 8               | 5.1053     |
|  |              | 9               | 0.0546     |

**Miles of Powerlines**

0

**Miles of Railroads**

6.9167

**Element Occurrences by Major Group**

**Element Occurrence Summary**

- 3 amphibian
- 1 bird
- 5 mammal
- 17 natural community
- 1 invertebrate-arachnid
- 3 invertebrate-mollusk
- 6 plant-nonvascular
- 5 plant-nonvascular
- 17 plant-dicot
- 2 plant-monocot
- 2 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

- 3 natural community
- 3 natural community
- 4 natural community
- 3 natural community
- 2 natural community
- 1 natural community
- 3 natural community
- 4 mammal
- 2 plant-nonvascular

**Expert Comments**

Group 11 Block Name Qualla

Acres 15463.464 Hectares 6257.842059

Acres of largest interior roadless block 6761.94654 44 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |      |                              |
|------------------------|-------|------|------------------------------|
| acres of forest        | 13865 | 89.7 | % of forest in block         |
| acres of water         | 0     | 0    | % of water in block          |
| acres of rock and sand | 3     | 0    | % of rock and sand in block  |
| acres developed        | 1113  | 7.2  | % of developed in block      |
| acres shrub and herb   | 103   | 0.7  | % of shrub and herb in block |
| acres agriculture      | 370   | 2.4  | % of agriculture in block    |
| acres wetland          | 9     | 0.1  | % of wetlands in block       |

**Secured Areas Summary of Block**

|                |                   |          |                |
|----------------|-------------------|----------|----------------|
| GAP Category 1 | Acres in Category | 179.6107 | 1.2 % of block |
| GAP Category 2 | Acres in Category | 937.889  | 6.1 % of block |

Acres in NC Significant Natural Heritage Areas 181.3893 1.2 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| Length of Rivers and Streams in Blocks |              | Roads in Blocks |            |
|--|--------------|-----------------|------------|
| Stream Class                           | Stream Miles | Road Class      | Road Miles |
| 1a                                     | 20.3079      | 2               | 46.8819    |
| 1b                                     | 11.0549      | 5               | 0.268      |
| 2_                                     | 3.0573       | 6               | 59.4051    |
|  |              | 8               | 2.4558     |

Miles of Powerlines 0 Miles of Railroads 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

2 fish  
1 reptile  
1 invertebrate-crustation

**SBR Ecoregional Target Occurrences**

1 fish  
2 plant-dicot

**Expert Comments**

**Forest Types** Includes S F, N H, Cove

**All Comments** N. Flying Squirrel combine with Plott B Mike Schafale: Parkway should not divide--

**Group**      11                      **Block Name**      Rabun Bald

**Acres**    49823.665              **Hectares**    20162.92206

**Acres of largest interior roadless block**    23148.546    46 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 47441 | 95.2 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 5     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 9     | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 1380  | 2.8  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 289   | 0.6  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 662   | 1.3  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 27    | 0.1  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 1**              **Acres in Category**    1092.1511              2.2 % of block

**GAP Category 3**              **Acres in Category**    41947.9718              84.2 % of block

**Acres in NC Significant Natural Heritage Areas**    176.1254              0.4 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 88.3043             | 3                      | 56.0766           |
| 1b  | 22.931              | 6                      | 134.614           |
| 2_  | 3.4422              | 8                      | 0.2679            |
|   |                     | 9                      | 10.259            |

**Miles of Powerlines**                      0              **Miles of Railroads**                      0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

14 amphibian  
 1 fish  
 22 mammal  
 1 reptile  
 3 natural community  
 1 natural community  
 1 invertebrate-crustation  
 9 plant-nonvascular  
 2 plant-nonvascular  
 27 plant-dicot  
 18 plant-monocot  
 2 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

2 natural community  
 1 amphibian  
 2 mammal  
 1 reptile  
 1 plant-fern/spleenwort

**Expert Comments**

**Forest Types** TMP at elevations 3200-4000 ridgetops. Lot of wetter, more mesic forest; HERO

**All Comments** Pretty contiguous. Mostly gravel roads. Nothing out of the ordinary. Some pretty big Rx fire for TMP. Several burns destroyed good stands, but TMP didn't come back. Green salamander. Lots of EO's. Raven hotspot. Northern sawwhets in winter. Swainson's warbler. "the usual" N. facing cliff on Rabun Bald--very interesting plants & lichens. Hill Ridge mountain bog--pitcher plants, swamp pink. Mostly USFS; no wilderness. Pretty contiguous.

Group **12** Block Name **Forge Mt./Rogers Ridge?**

**Acres** 37112.307 **Hectares** 15018.81797

**Acres of largest interior roadless block** 25745.3286 69 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 35466 | 95.6 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 0     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 24    | 0.1  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 505   | 1.4  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 260   | 0.7  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 883   | 2.4  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 0     | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 1** **Acres in Category** 169.8946 0.5 % of block

**GAP Category 3** **Acres in Category** 16424.2537 44.3 % of block

**Acres in NC Significant  
Natural Heritage Areas**

2289.0173 6.2 % of block in NC Sig. Nat. Her. Area

**Linear Features**

**Length of Rivers and Streams in Blocks**

**Stream Class** **Stream Miles**

1a 81.1596

1b 19.5179

2\_ 11.7816

**Roads in Blocks**

**Road Class** **Road Miles**

2 18.3226

3 8.0749

6 50.5302

8 2.7275

**Miles of Powerlines** 0 **Miles of Railroads** 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

- 6 VA - no major group inf
- 6 amphibian
- 2 bird
- 17 fish
- 1 mammal
- 3 invertebrate-mollusk
- 16 plant-dicot
- 1 plant-gymnosperm
- 7 plant-monocot

**SBR Ecoregional Target Occurrences**

- 1 natural community
- 1 natural community
- 1 natural community
- 3 plant-dicot

**Expert Comments****Forest Types**

Good amount of N H; TMP/PP--intermixed w/ other types, but some fairly large p

**All Comments**

Some houses along main ridge on TN/NC line Pretty good. "Pretty good quality" N H forest just south of limestone area at Va. state line Xmas tree farms along NC/TN border High overall regional biodiversity Whetstone Branch, 1692 ac: a combination of base rich floodplains, mesic to xeric slopes, rock outcrops, and grassy balds. Limestone window. NF (almost all in "backcountry in Forest Mgmt Plan); Lost Forest special mgmt area in NF in VA; one very large private tract (couple thousand acres); NC WRC (Pond Mtn) Limeston in part of this block--Whetstone Branch on Va. line and up north; rich calcareous coveforest--pretty unique. About 1200 ac.

Group **12** Block Name **Nolichucky**

**Acres** 33877.041 **Hectares** 13709.55194

**Acres of largest interior roadless block** 30515.3850 90 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 31312 | 92.4 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 181   | 0.5  | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 26    | 0.1  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 931   | 2.7  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 1012  | 3    | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 403   | 1.2  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 29    | 0.1  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category** 3 **Acres in Category** 26016.7309 76.8 % of block

**Acres in NC Significant Natural Heritage Areas** 5066.7345 15 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 65.9855             | 2                      | 29.6547           |
| 1b  | 6.7967              | 3                      | 19.4411           |
| 2_  | 3.4883              | 6                      | 39.1163           |
| 3a  | 14.1409             | 9                      | 3.4219            |

**Miles of Powerlines** 10.5999 **Miles of Railroads** 16.7659

**Element Occurrences by Major Group**

## Element Occurrence Summary

51 amphibian  
1 bird  
43 fish  
5 mammal  
1 reptile  
1 invertebrate-crustation  
4 invertebrate-insect  
40 invertebrate-mollusk  
3 plant-nonvascular  
35 plant-dicot  
10 plant-gymnosperm  
24 plant-monocot  
2 plant-fern/spleenwort

## SBR Ecoregional Target Occurrences

1 natural community  
1 natural community  
4 amphibian  
1 fish  
4 invertebrate-mollusk  
7 plant-dicot

## Expert Comments

### Forest Types

Somewhat of a stronghold for Hemlock forests; eastern red cedar. TN group: C

### All Comments

Beyond RR, pretty good on little fragmentation. Railroad is biggest internal fragmenter. Town of Erwin to North, but otherwise pretty good landscape integrity. Mine waste might be affecting mainstem river. Lots of unlogged forest in certain part (acidic cove?) Some old growth on No Business Knob, Laurel Ridge area, and Temple Hill, Jones Branch. Big stand replacement fires on TN and NC sides--caused by RR. Went straight up mtn. Lots of Southern Pine Beetle kill on lower slopes, esp. north of Nolichucky River. Pretty big Virginia spirea pop.; probably most piratebush of anywhere (top 5 pop. In the world). Two endemic snails just discovered on south side of Nolichucky Rver scree habitat. Some fire dependent spp. Conduit along railroad going along river/gorge through middle of block. Jap. Knotweed affecting Va. spirea. Purple loosestrife on south end. Gorge is very rugged--could build outward from it. Lot of neat rock outcrops, boulderfields. Scree habitat on south side of Nolichucky--air blows through at 54 degrees year round. Spray cliffs in some of the coves. NF; Unaka Springs inholding--commune, whitewater center. "Ephraim Place" inholding--5 landowners there. Lost Cove inholding in NC--FS may be trying to acquire. TN group expressed puzzlement why grouped with Forge Mt. Group 12 blocks are so different, TN experts wouldn't want to prioritize against each other. What makes the two "pop" is very different. Suggest combine with Big Bald but not Unaka. Keep Hwy 197 as fragmenter. Could cut out part between 197 and Nolichucky River at southern end.

Group **13a** Block Name **Adams Mt./John's River**

**Acres** 19189.273 **Hectares** 7765.623118

**Acres of largest interior roadless block** 16401.8763 85 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 17599 | 91.7 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 0     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 19    | 0.1  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 430   | 2.2  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 330   | 1.7  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 796   | 4.1  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 28    | 0.1  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 3** **Acres in Category** 10506.499 54.8 % of block

**Acres in NC Significant Natural Heritage Areas** 3541.8093 18.5 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 43.8275             | 3                      | 51.2928           |
| 1b  | 2.6304              | 6                      | 27.1822           |
| 2_  | 16.6614             | 8                      | 1.0151            |
|   |                     | 9                      | 1.8061            |

**Miles of Powerlines** 0 **Miles of Railroads** 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

- 1 fish
- 1 mammal
- 8 invertebrate-mollusk
- 7 plant-dicot

**SBR Ecoregional Target Occurrences****Expert Comments****Forest Types****All Comments**

"Plenty of core potential" "Brwn Mtn Beach Rd Should not divide this block from Grandfather blk" (canopy cover, low traffic vol. over time) "Has some good forests in it." Wanted to combine with Grandfather--Brown Mtn Beach Road has canopy cover and low volume generally

Group **13a** Block Name **Globe**

Acres **35589.057** Hectares **14402.38049**

Acres of largest interior roadless block **14609.3503** **41** % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |      |                              |
|------------------------|-------|------|------------------------------|
| acres of forest        | 32981 | 92.7 | % of forest in block         |
| acres of water         | 4     | 0    | % of water in block          |
| acres of rock and sand | 12    | 0    | % of rock and sand in block  |
| acres developed        | 939   | 2.6  | % of developed in block      |
| acres shrub and herb   | 404   | 1.1  | % of shrub and herb in block |
| acres agriculture      | 1247  | 3.5  | % of agriculture in block    |
| acres wetland          | 27    | 0.1  | % of wetlands in block       |

**Secured Areas Summary of Block**

GAP Category **3** Acres in Category **17716.3544** **49.8** % of block

Acres in NC Significant Natural Heritage Areas **3988.0922** **11.2** % of block in NC Sig. Nat. Her. Area

**Linear Features**

| Length of Rivers and Streams in Blocks |              | Roads in Blocks |            |
|--|--------------|-----------------|------------|
| Stream Class                           | Stream Miles | Road Class      | Road Miles |
| 1a                                     | 79.9986      | 10              | 2.5441     |
| 1b                                     | 16.584       | 2               | 20.1876    |
|  |              | 3               | 30.9909    |
|  |              | 6               | 68.3742    |
|  |              | 8               | 2.2706     |

Miles of Powerlines **0** Miles of Railroads **0**

**Element Occurrences by Major Group**

**Element Occurrence Summary**

- 1 bird
- 3 mammal
- 1 invertebrate-insect
- 1 plant-nonvascular
- 1 plant-nonvascular
- 1 plant-dicot
- 1 plant-monocot

**SBR Ecoregional Target Occurrences**

- 1 plant-dicot

**Expert Comments****Forest Types****All Comments**

Hwy 90--possibly not barrier at last 5 miles; if not, combine with Adams Mt/Johns? FS is scoping DOT desire to improve Globe Road; will there be move to widen? Wanted combine with Adams Mt/Johns River after much mixed debate, but not forget there is interesting stuff independently in Globe "subblock"

Group **13a** Block Name **Linville Gorge**

Acres **72650.454** Hectares **29400.59584**

Acres of largest interior roadless block **27623.7646** 38 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |      |                              |
|------------------------|-------|------|------------------------------|
| acres of forest        | 67297 | 92.6 | % of forest in block         |
| acres of water         | 88    | 0.1  | % of water in block          |
| acres of rock and sand | 53    | 0.1  | % of rock and sand in block  |
| acres developed        | 1946  | 2.7  | % of developed in block      |
| acres shrub and herb   | 1597  | 2.2  | % of shrub and herb in block |
| acres agriculture      | 1644  | 2.3  | % of agriculture in block    |
| acres wetland          | 67    | 0.1  | % of wetlands in block       |

**Secured Areas Summary of Block**

GAP Category 2 Acres in Category **644.9806** 0.9 % of block

GAP Category 3 Acres in Category **48477.8028** 66.7 % of block

Acres in NC Significant Natural Heritage Areas **11214.6901** 15.4 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| Length of Rivers and Streams in Blocks |              | Roads in Blocks |            |
|--|--------------|-----------------|------------|
| Stream Class                           | Stream Miles | Road Class      | Road Miles |
| 1a                                     | 106.7517     | 2               | 6.8521     |
| 1b                                     | 20.4872      | 3               | 27.3736    |
| 2_                                     | 21.9193      | 6               | 132.3039   |
|  |              | 8               | 0.4855     |

Miles of Powerlines **0** Miles of Railroads **3.4019**

**Element Occurrences by Major Group**

**Element Occurrence Summary**

8 bird  
 1 fish  
 5 mammal  
 1 reptile  
 24 natural community  
 1 invertebrate-insect  
 5 invertebrate-mollusk  
 15 plant-nonvascular  
 55 plant-dicot  
 9 plant-monocot  
 2 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

1 natural community  
 4 natural community  
 2 natural community  
 2 natural community  
 2 natural community  
 1 natural community  
 2 natural community  
 2 natural community  
 4 natural community  
 3 natural community  
 5 natural community  
 2 natural community  
 2 natural community  
 1 mammal  
 1 reptile  
 1 plant-nonvascular  
 10 plant-dicot

**Expert Comments****Forest Types****All Comments** Excellent/good

"should be in a class all by itself"

Group **13b** Block Name **South Mt. Connector**

**Acres** 11265.643 **Hectares** 4559.043882

**Acres of largest interior roadless block** 9316.08956 83 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 10537 | 93.5 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 4     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 29    | 0.3  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 80    | 0.7  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 260   | 2.3  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 364   | 3.2  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 0     | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**Acres in NC Significant Natural Heritage Areas** 2368.7981 21 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 22.4436             | 2                      | 1.486             |
|   |                     | 3                      | 1.7235            |
|   |                     | 6                      | 16.8455           |

**Miles of Powerlines** 0.8767 **Miles of Railroads** 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

- 2 plant-dicot
- 1 plant-monocot
- 1 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

**Expert Comments**

**Forest Types**

**All Comments**

Contains State Signif snha Might contain private 8K ac Hickory Nut  
Mtn Tract

Group **14a** Block Name **Poor Mt.**

**Acres** 45353.104 **Hectares** 18353.75021

**Acres of largest interior roadless block** 39287.2689 87 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |                                |
|-------------------------------|-------|--------------------------------|
| <b>acres of forest</b>        | 42652 | 94 % of forest in block        |
| <b>acres of water</b>         | 122   | 0.3 % of water in block        |
| <b>acres of rock and sand</b> | 8     | 0 % of rock and sand in block  |
| <b>acres developed</b>        | 1692  | 3.7 % of developed in block    |
| <b>acres shrub and herb</b>   | 2     | 0 % of shrub and herb in block |
| <b>acres agriculture</b>      | 898   | 2 % of agriculture in block    |
| <b>acres wetland</b>          | 10    | 0 % of wetlands in block       |

**Secured Areas Summary of Block**

|                       |                          |           |                |
|-----------------------|--------------------------|-----------|----------------|
| <b>GAP Category 1</b> | <b>Acres in Category</b> | 2630.3671 | 5.8 % of block |
| <b>GAP Category 2</b> | <b>Acres in Category</b> | 33.3311   | 0.1 % of block |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 4060.7896 | 9 % of block   |
| <b>GAP Category 4</b> | <b>Acres in Category</b> | 1180.422  | 2.6 % of block |

**Acres in NC Significant Natural Heritage Areas** 0 0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b>    |                   |
|---|---------------------|---------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>         | <b>Road Miles</b> |
| 1a  | 86.1413             | 2                         | 0.1928            |
| 1b  | 17.1771             | 6                         | 94.6761           |
| 2_  | 3.4192              |                           |                   |
| 3a  | 1.81                |                           |                   |
| <b>Miles of Powerlines</b>                    | 52.644              | <b>Miles of Railroads</b> | 2.8305            |

**Element Occurrences by Major Group**

**Element Occurrence Summary**

8 VA - no major group inf

**SBR Ecoregional Target Occurrences**

1 natural community

2 fish

1 plant-dicot

**Expert Comments**

**Forest Types** Scarlet Oak, CH O, TMP, PP, VP; acidic cove at north side at lower elevations

**All Comments**

Some light development along interior roads. NW side contains most recent city water supply reservoir; 15 tower wind energy project proposed for center of block; existing big communications tower on top of Poor Mtn. in NE part of block (and lots of TV & radio towers on ridge north of it). "Being developed slowly but surely." But not as developed in middle because soils so poor, so steep. Development (cabins) more around edges & small roads that dead-end. Pretty important for connectivity b/t SBR and Ridge and Valley--Ft. Lewis Mtn. WMA is just across the interstate, just to the north. Bottom Creek is one of main tribs to Roanoke River. pH in 6.9 to 9.5 calss range in impaired section of Bottom Creek (up to TNC boundary) Maybe "back in the day" for charcoal; but so poor productivity, quality, lot of it probably not harvested. Its been a long time since anyone tried to make a buck there. Southern slopes have burned with some regularity--3-4 fires over last few years. Lots of disturbance from tree fall on steep slopes (e.g., NW facing steep area by Roanoke River. Trees deformed at top of ridge because of wind. Three yrs ago, area was heavily defoliated by Gypsy moths. Barred owls, wood thrush (???) Piratebush; orange fin madtom; log perch Ailanthus problem--only one can think of (because of poor soils). Has replaced a lot of HWA-killed hemlock. Central App. Shale barren in this block. At transition b/t SBR and Ridge and Valley--metasedimentary rock--that side of the SBR is where you get them. Right on border; more typically a ridge and valley commty type. Bottom Creek Gorge Preserve inside this--pretty big, toward southern end. 2700 ac of protected land (TNC and DCR); plus also the city watershed at north end (not extremely large) Booming bear population; lots of calls from residences around block regarding bear problems. Limestone at bottom of mountain. Poor vs Macks: Poor may be more threatened (Boy Scout camp in Mack's probably safe for now); but Poor may be more important as a connector to Ridge and Valley than for own sake.)

**Group**      14b                      **Block Name**      Macks Mt.

**Acres**    42005.622                      **Hectares**    16999.07215

**Acres of largest interior roadless block**    17249.7091    41 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 40146 | 95.6 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 57    | 0.1  | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 31    | 0.1  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 477   | 1.1  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 316   | 0.8  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 1006  | 2.4  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 10    | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 2**                      **Acres in Category**    10.0685                      0 % of block

**GAP Category 4**                      **Acres in Category**    17248.1097                      41.1 % of block

**Acres in NC Significant Natural Heritage Areas**                      0                      0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

**Length of Rivers and Streams in Blocks**

| <b>Stream Class</b> | <b>Stream Miles</b> |
|---------------------|---------------------|
| 1a                  | 40.6858             |
| 1b                  | 18.8592             |
| 2_                  | 9.9906              |
| 3a                  | 5.1367              |

**Roads in Blocks**

| <b>Road Class</b> | <b>Road Miles</b> |
|-------------------|-------------------|
| 6                 | 68.0328           |
| 9                 | 21.698            |

**Miles of Powerlines**                      21.898                      **Miles of Railroads**                      0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

6 VA - no major group inf

**SBR Ecoregional Target Occurrences**

2 plant-dicot

**Expert Comments****Forest Types**

Like Poor Mtn, low site indices. Lot of CH O, scarlet oak, black oak, mixed with P

**All Comments**

lot of old roads are more like trails now. Large 765kv transmission line across it (same as one going over Poor Mtn.) But trees exist where goes over ravines. Wind facility being contemplated along area near transmission line. Native brook trout stream above lake at Camp Powhatan. Camp has most of Macks Creek watershed. Some lead and e coli impairment in river at southern end. A lot of timber cut in late 1800s for charcoal. A lot of it has "recovered," or is fairly resilient. Fairly "mature"; early 1900s cut for charcoal. Some ltd logging in 1960s, but pretty limited. Iron mining in past at middle to north end of western side. Reclamation done and closed. Big ice storm 1993 or so; Hurricane Hugo 1989. Lots of blowdowns, but not as much as along BR escarpment. Piratebush Hasn't been hit by gypsy moth as much; was included in "slow the spread" pheromone flack applications. Hemlocks dying but not dead yet. Block has all the typical exotic invasives. Garlic mustard. Bitterswt not bad Really nice shale barrens, sizeable. About 28K of the 42K acres under "protection" (includes large Boy Sct Camp not under CE) Also Camp Ottari. Single private tract in NE corner over 10K acres??? Lot of shale, metasedimentary rock. Not much of more typical metamorphic rock like granite or schist. Poor vs Macks: Poor may be more threatened (Boy Scout camp in Mack's probably safe for now); but Poor may be more important as a connector to Ridge and Valley than for own sake.) Steve Croy: should adjust boundary to avoid mine area

**Group**      14c                      **Block Name**      Blood Mt.?

**Acres**      20206.31                      **Hectares**      8177.20342

**Acres of largest interior roadless block**      9585.29216      47 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 19681 | 97.4 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 8     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 1     | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 342   | 1.7  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 89    | 0.4  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 58    | 0.3  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 7     | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

|                       |                          |            |                 |
|-----------------------|--------------------------|------------|-----------------|
| <b>GAP Category 1</b> | <b>Acres in Category</b> | 7732.7843  | 38.3 % of block |
| <b>GAP Category 2</b> | <b>Acres in Category</b> | 407.6503   | 2 % of block    |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 11221.1527 | 55.5 % of block |

**Acres in NC Significant Natural Heritage Areas**                      0                      0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 44.3734             | 10                     | 18.3888           |
| 1b  | 8.1378              | 2                      | 12.2764           |
|   |                     | 3                      | 23.3105           |
|   |                     | 6                      | 32.7216           |
|   |                     | 9                      | 0.0301            |

**Miles of Powerlines**                      0                      **Miles of Railroads**                      0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

1 amphibian  
6 mammal  
2 natural community  
3 natural community  
2 plant-nonvascular  
30 plant-dicot  
13 plant-monocot

**SBR Ecoregional Target Occurrences**

1 natural community  
1 natural community  
1 reptile

**Expert Comments**

**Forest Types** Mostly Oak. A few signif stands of TMP (both ridgetops and down below)--signific

**All Comments**

Was heavily cut over, except really steep areas. Best block containing early succssional habitat. Long history of arson on N side of Hwy 60 (have created some interesting woodland/native grass habitats. 5-6K acre fire came up Blood Mtn on S side from Hwy 60--created good ecol. Conditions. One of two known populations of cerulean warblers in Ga.; highest bird diversity b/c of fire history. sibaldiopsis tridentate; other EO's. Oriental bittersweet concentrations in wilderness up toward Blood Mtn. Have been treating. But spread a lot along A.T. Best example of high elev. Rock summit in Ga. Noncalcareious outcrops. About half block in Blood Mtn Wilderness. More recreation areas than anything. Chestatee WMA. Probably one of top 5 recreation areas in forest.

**Group**      14c                      **Block Name**      Horsetrough Mt.?

**Acres**    31871.917                      **Hectares**    12898.10715

**Acres of largest interior roadless block**    25069.9282    79 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 30816 | 96.7 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 0     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 2     | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 774   | 2.4  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 97    | 0.3  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 138   | 0.4  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 19    | 0.1  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 1**                      **Acres in Category**    17087.1255                      53.6 % of block

**GAP Category 3**                      **Acres in Category**    12380.2342                      38.8 % of block

**Acres in NC Significant Natural Heritage Areas**                      0                      0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 78.0682             | 10                     | 32.8235           |
| 1b  | 15.3377             | 3                      | 54.4032           |
|   |                     | 6                      | 45.1352           |

**Miles of Powerlines**                      0                      **Miles of Railroads**                      0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

- 1 amphibian
- 1 mammal
- 3 natural community
- 12 plant-dicot
- 21 plant-monocot

**SBR Ecoregional Target Occurrences****Expert Comments****Forest Types****All Comments**

Hw of the Chattahoochee Same logging history (as Raven Cliffs). Pretty similar to other areas. Some recent timber harvest and Rx burning there; but lots of recreational use. Simialr to Raven Cliffs, but not as many outcrops; some boulderfield-like communities, but not yellow birch dominated. Almost entirely NF. Mark Trail wilderness is a big chunk on west side.

Group **14c** Block Name **Raven Cliffs Wilderness?**

**Acres** 27077.302 **Hectares** 10957.79516

**Acres of largest interior roadless block** 20543.2368 76 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 25896 | 95.6 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 6     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 3     | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 695   | 2.6  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 183   | 0.7  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 254   | 0.9  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 20    | 0.1  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

|                       |                          |            |                 |
|-----------------------|--------------------------|------------|-----------------|
| <b>GAP Category 1</b> | <b>Acres in Category</b> | 9337.9389  | 34.5 % of block |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 15124.4704 | 55.9 % of block |

**Acres in NC Significant Natural Heritage Areas** 0 0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 57.8478             | 10                     | 17.761            |
| 1b  | 8.2188              | 2                      | 38.4514           |
|   |                     | 3                      | 17.6018           |
|   |                     | 6                      | 28.3904           |

**Miles of Powerlines** 0.4937 **Miles of Railroads** 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

1 amphibian  
3 mammal  
1 natural community  
1 plant-nonvascular  
4 plant-dicot  
15 plant-monocot

**SBR Ecoregional Target Occurrences**

1 mammal

**Expert Comments**

**Forest Types** drier oak types on ridges; white pine a lot on more mesic sites; hemlock on creek

**All Comments** Hw of the Chattahoochee; Notelly River on the N side. Less recent harvest than Rich Mtn. All pretty similar--70-90 year old forest; nothing different from most of the area. Doesn't have the disturbance history of Blood Mtn. Nothing remarkable in birds here. Lots of bittersweet, like Blood Mtn. Basic glades, rock outcrops (gneissic basic rock, hornblende) going south from Cow Rock--doesn't have the rare elements might expect in those. Wilderness area covers fair amount; other FS land has A.T.; heavy rec & scenic areas--multiple use, but fairly low intensity. Some addl areas on northern end proposed for wilderness study. Generally good boundaries, but suggest should look at southern boundary where cut off some USFS ownership.

Group 14c Block Name Unicoi

Acres 58029.147 Hectares 23483.56262

Acres of largest interior roadless block 17749.1896 31 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |      |                              |
|------------------------|-------|------|------------------------------|
| acres of forest        | 54972 | 94.7 | % of forest in block         |
| acres of water         | 7     | 0    | % of water in block          |
| acres of rock and sand | 3     | 0    | % of rock and sand in block  |
| acres developed        | 1873  | 3.2  | % of developed in block      |
| acres shrub and herb   | 442   | 0.8  | % of shrub and herb in block |
| acres agriculture      | 684   | 1.2  | % of agriculture in block    |
| acres wetland          | 11    | 0    | % of wetlands in block       |

**Secured Areas Summary of Block**

|                |                   |            |                 |
|----------------|-------------------|------------|-----------------|
| GAP Category 1 | Acres in Category | 10509.9333 | 18.1 % of block |
| GAP Category 2 | Acres in Category | 2744.2162  | 4.7 % of block  |
| GAP Category 3 | Acres in Category | 34971.2714 | 60.3 % of block |
| GAP Category 4 | Acres in Category | 71.6681    | 0.1 % of block  |

Acres in NC Significant Natural Heritage Areas 0 0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| Length of Rivers and Streams in Blocks |              | Roads in Blocks |            |
|--|--------------|-----------------|------------|
| Stream Class                           | Stream Miles | Road Class      | Road Miles |
| 1a                                     | 100.3118     | 10              | 23.935     |
| 1b                                     | 22.8185      | 2               | 12.0828    |
|  |              | 3               | 42.5376    |
|  |              | 6               | 101.8244   |
|  |              | 8               | 0.3527     |

Miles of Powerlines 0 Miles of Railroads 0

## Element Occurrences by Major Group

### Element Occurrence Summary

6 amphibian  
16 mammal  
8 natural community  
3 invertebrate-insect  
18 plant-dicot  
40 plant-monocot

### SBR Ecoregional Target Occurrences

3 natural community  
1 natural community

### Expert Comments

**Forest Types** Scarlet Oak; PP on ridge eastern edge of Tray Mtn-hill can understory. Similar fo

**All Comments** Mostly around edges--related to tourism around Helen, a little related to Lake Burton development on east side. Hw of the Hiwassee--hellbenders, brook trout in upper hw, rare crayfish. Pretty active mgmt east side near Lake Burton--Rx burning, getting back woodlands. NOTE: huge tornado decimated parts of Lake Burton shores on April 27, 2011--check on impacts in this block to east. High enough elevations to support ravens regularly there. Might be small whorled pogonia in block near border.--not sure if in or out. Unique scarlett oak/rhodo slick at top of Tray Mtn.; boulderfield forest Tray Mtn Wilderness goes through middle; other parts are mostly generally roadless--de facto wilderness, will probably see little management. Kelly Ridge. May want to check western boundary--not exclude FS ownership there.

**Group**      15a                      **Block Name**      Honeycut Mt./Humpback Mt.

**Acres**    15930.149                      **Hectares**    6446.702506

**Acres of largest interior roadless block**    10535.2263    66 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 14423 | 90.5 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 0     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 26    | 0.2  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 670   | 4.2  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 97    | 0.6  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 719   | 4.5  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 10    | 0.1  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 2**                      **Acres in Category**    788.4851                      4.9 % of block

**GAP Category 3**                      **Acres in Category**    1875.2957                      11.8 % of block

**Acres in NC Significant Natural Heritage Areas**    1474.6167                      9.3 % of block in NC Sig. Nat. Her. Area

**Linear Features**

**Length of Rivers and Streams in Blocks**

| <b>Stream Class</b> | <b>Stream Miles</b> |
|---------------------|---------------------|
| 1a                  | 34.1107             |
| 1b                  | 8.7677              |

**Roads in Blocks**

| <b>Road Class</b> | <b>Road Miles</b> |
|-------------------|-------------------|
| 2                 | 40.3813           |
| 3                 | 10.6277           |
| 5                 | 0.0245            |
| 6                 | 25.8439           |
| 8                 | 0.0464            |
| 9                 | 0.7854            |

**Miles of Powerlines**                      0                      **Miles of Railroads**                      16.9882

## Element Occurrences by Major Group

### Element Occurrence Summary

2 natural community  
1 invertebrate-arachnid  
16 plant-nonvascular  
4 plant-dicot  
1 plant-fern/spleenwort

### SBR Ecoregional Target Occurrences

1 natural community  
1 natural community  
1 natural community

### Expert Comments

**Forest Types** Richer O-H along ridge that not in other 15's, but mostly similar

**All Comments** Excellent Will 221 be widened? Really nice OG block right along 221 at N end Includes Linville Cavens, only karst cave in WNC "quite different" from other 15 group blocks

Group **15a** Block Name **Little Switzerland**

Acres **30207.754** Hectares **12224.6443**

Acres of largest interior roadless block **23048.0173** 76 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |                                |
|------------------------|-------|--------------------------------|
| acres of forest        | 28385 | 94 % of forest in block        |
| acres of water         | 13    | 0 % of water in block          |
| acres of rock and sand | 10    | 0 % of rock and sand in block  |
| acres developed        | 1046  | 3.5 % of developed in block    |
| acres shrub and herb   | 308   | 1 % of shrub and herb in block |
| acres agriculture      | 437   | 1.4 % of agriculture in block  |
| acres wetland          | 24    | 0.1 % of wetlands in block     |

**Secured Areas Summary of Block**

|                |                   |            |                 |
|----------------|-------------------|------------|-----------------|
| GAP Category 2 | Acres in Category | 506.2417   | 1.7 % of block  |
| GAP Category 3 | Acres in Category | 17348.6168 | 57.4 % of block |
| GAP Category 4 | Acres in Category | 463.1554   | 1.5 % of block  |

Acres in NC Significant Natural Heritage Areas **219.7201** 0.7 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| Length of Rivers and Streams in Blocks |              | Roads in Blocks |            |
|--|--------------|-----------------|------------|
| Stream Class                           | Stream Miles | Road Class      | Road Miles |
| 1a                                     | 65.3989      | 2               | 33.2414    |
| 1b                                     | 18.3542      | 3               | 42.7721    |
|  |              | 6               | 58.0485    |
|  |              | 8               | 2.0523     |

Miles of Powerlines **0** Miles of Railroads **0**

**Element Occurrences by Major Group**

**Element Occurrence Summary**

- 1 amphibian
- 1 bird
- 1 mammal
- 1 natural community
- 1 invertebrate-arachnid
- 2 plant-nonvascular
- 3 plant-dicot
- 2 plant-monocot

**SBR Ecoregional Target Occurrences**

- 1 natural community
- 2 plant-dicot

**Expert Comments**

**Forest Types** O woodlands (Woods Mtn.); great POH; richer O-H; CarHem (dead?); RC & C

**All Comments** Excellent 226 forms one boundary--main road up escarpment; being widened in places 226A is within block; frequent travel but mostly local a. 500 ac OG Woods Mtn.; probably 1000 ac OG on Armstrong Crk. Hudsonia montana(G1S1); turkey beard; shortia on somewhat trashed pvt land Lots of knotweed going up 226 near Gillespie Gap Lots of public conservation (NF); large pvt potential consvn (Wildacres, Lk. Tahoma) Lot of FS RxBurn here

**Group**      15b                      **Block Name**      Doughton/Stone Mt.

**Acres**    38052.978                      **Hectares**    15399.49384

**Acres of largest interior roadless block**    20528.6430    54 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |                                  |
|-------------------------------|-------|----------------------------------|
| <b>acres of forest</b>        | 34226 | 89.9 % of forest in block        |
| <b>acres of water</b>         | 0     | 0 % of water in block            |
| <b>acres of rock and sand</b> | 5     | 0 % of rock and sand in block    |
| <b>acres developed</b>        | 1213  | 3.2 % of developed in block      |
| <b>acres shrub and herb</b>   | 449   | 1.2 % of shrub and herb in block |
| <b>acres agriculture</b>      | 2138  | 5.6 % of agriculture in block    |
| <b>acres wetland</b>          | 54    | 0.1 % of wetlands in block       |

**Secured Areas Summary of Block**

**GAP Category 2**                      **Acres in Category**    19923.7273                      52.4 % of block

**GAP Category 3**                      **Acres in Category**    6625.5241                      17.4 % of block

**Acres in NC Significant Natural Heritage Areas**    19653.4314                      51.6 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 54.6789             | 2                      | 22.0755           |
| 1b  | 16.0927             | 3                      | 41.7124           |
|   |                     | 6                      | 71.8917           |
|   |                     | 8                      | 8.8619            |
|   |                     | 9                      | 0.1954            |

**Miles of Powerlines**                      5.6876                      **Miles of Railroads**                      0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

- 1 bird
- 2 mammal
- 7 reptile
- 11 natural community
- 5 plant-nonvascular
- 3 plant-dicot

**SBR Ecoregional Target Occurrences**

- 4 natural community
- 1 natural community
- 1 natural community
- 1 natural community
- 2 natural community
- 2 natural community
- 3 natural community
- 2 natural community
- 5 reptile
- 1 plant-dicot

**Expert Comments**

**Forest Types** Mostly CH O; some POH

**All Comments** DOT may change Early cutting small ROs; a few WLs; small SBs; AC;  
RC Lots of public conservation

**Group**      15b                      **Block Name**      Elk Ridge

**Acres**    51881.777                      **Hectares**    20995.81025

**Acres of largest interior roadless block**    12063.9630    23 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 46322 | 89.3 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 5     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 9     | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 1522  | 2.9  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 1011  | 1.9  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 2987  | 5.8  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 67    | 0.1  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

|                       |                          |          |                |
|-----------------------|--------------------------|----------|----------------|
| <b>GAP Category 1</b> | <b>Acres in Category</b> | 284.7834 | 0.5 % of block |
| <b>GAP Category 2</b> | <b>Acres in Category</b> | 365.7762 | 0.7 % of block |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 49.5857  | 0.1 % of block |

**Acres in NC Significant Natural Heritage Areas**    2024.4004                      3.9 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 101.5236            | 2                      | 30.2892           |
| 1b  | 38.7419             | 3                      | 21.0608           |
|   |                     | 6                      | 121.4753          |
|   |                     | 8                      | 0.3451            |
|   |                     | 9                      | 11.5589           |

**Miles of Powerlines**                      0                      **Miles of Railroads**                      0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

- 3 bird
- 1 mammal
- 1 reptile
- 7 natural community
- 2 plant-nonvascular
- 6 plant-dicot
- 1 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences****Expert Comments****Forest Types****All Comments**

Most frag in Sub Grp; 12,000 ac unfrag area within??? (to west) US 421 is a boundary Laurelmoor in this block??? Reynolds Blue Ridge (Jay?????); Leatherwood hunting & equestrian commty (Reynolds) Very good (ORW) Reynolds area--no rare plants; NHP will be inventorying in coming years; ceruleans, App. Woodrats, some rare plants near fields Reynolds area--talus, no periglacial Might focus on 12K ac area in W section, cut out rest

**Group**      15b                      **Block Name**      Rendezvous Mt.

**Acres**    41992.079                      **Hectares**    16993.59153

**Acres of largest interior roadless block**    12960.9282    31 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 36148 | 86.1 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 3     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 55    | 0.1  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 1186  | 2.8  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 1793  | 4.3  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 2795  | 6.7  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 43    | 0.1  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

|                       |                          |           |                |
|-----------------------|--------------------------|-----------|----------------|
| <b>GAP Category 2</b> | <b>Acres in Category</b> | 1279.8731 | 3 % of block   |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 3224.339  | 7.7 % of block |

**Acres in NC Significant Natural Heritage Areas**    3569.89                      8.5 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 66.7766             | 10                     | 1.817             |
| 1b  | 29.1248             | 2                      | 32.2189           |
|   |                     | 3                      | 22.4444           |
|   |                     | 6                      | 74.0136           |
|   |                     | 9                      | 2.6478            |

**Miles of Powerlines**                      0                      **Miles of Railroads**                      0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

- 1 reptile
- 5 natural community

**SBR Ecoregional Target Occurrences**

- 1 natural community
- 1 natural community
- 1 natural community

**Expert Comments****Forest Types****All Comments**

Cmt 1: Most frag in Sub Grp (w/Elk); Cmt 2: better than Vannoy large development (Scala Falls) near center; also large roaded area at recent dev. NE corner Could potentially build 10K ac out from State Forest, but may be hard to connect to Pkwy area. Remnant OG CH O Forest and patches of other "reasonably mature" at Rendezvous St. Forest, which, however, is mostly not mature. One bog turtle pop. In SW section of blk near road. Doesn't have major RO's of Doughton State Forest (DFR) Managing for cluster of cerulean warb's at MP 270 on Pkwy; also, includes highest occurrence of whipporwills @ about 1800 ft elev.

Group **15b** Block Name **Vannoy**

Acres **45355.399** Hectares **18354.67897**

Acres of largest interior roadless block **11769.8401** **26** % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |      |                              |
|------------------------|-------|------|------------------------------|
| acres of forest        | 39636 | 87.4 | % of forest in block         |
| acres of water         | 1     | 0    | % of water in block          |
| acres of rock and sand | 13    | 0    | % of rock and sand in block  |
| acres developed        | 1379  | 3    | % of developed in block      |
| acres shrub and herb   | 771   | 1.7  | % of shrub and herb in block |
| acres agriculture      | 3541  | 7.8  | % of agriculture in block    |
| acres wetland          | 54    | 0.1  | % of wetlands in block       |

**Secured Areas Summary of Block**

GAP Category **2** Acres in Category **557.8823** **1.2** % of block

GAP Category **3** Acres in Category **91.3635** **0.2** % of block

Acres in NC Significant Natural Heritage Areas **39.0988** **0.1** % of block in NC Sig. Nat. Her. Area

**Linear Features**

**Length of Rivers and Streams in Blocks**

**Stream Class** **Stream Miles**

1a 48.3218

1b 31.1636

2\_ 3.6749

**Roads in Blocks**

**Road Class** **Road Miles**

10 4.9659

2 15.1544

3 47.041

5 0.159

6 93.1663

8 0.4078

**Miles of Powerlines**

**0**

**Miles of Railroads**

**0**

## Element Occurrences by Major Group

### Element Occurrence Summary

1 invertebrate-insect

### SBR Ecoregional Target Occurrences

1 natural community

1 plant-dicot

### Expert Comments

### Forest Types

### All Comments

More fragmented than Doughton Old Hwy 16 on west Contains failed huge Laurelmoor subdivision??? (see Elk Ridge re Laurelmoor) Early cutting Not as good of condition as Doughton Audubon has bird counts on assemblage Not as well explored Less existing conservation; disjunct piece of WRC gamelands; large pvt CE in N section Has perhaps some of the highest relief of any block (Curtis Smalling)

**Group**      15b                      **Block Name**      Yadkin Headwaters

**Acres**    49845.999              **Hectares**    20171.96024

**Acres of largest interior roadless block**    19259.0214    39 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 45599 | 91.5 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 1     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 21    | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 1259  | 2.5  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 844   | 1.7  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 2117  | 4.2  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 41    | 0.1  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 2**              **Acres in Category**      95.5037              0.2 % of block

**GAP Category 3**              **Acres in Category**      7027.9637              14.1 % of block

**Acres in NC Significant  
Natural Heritage Areas**      11397.2881              22.9 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 97.6435             | 2                      | 22.8157           |
| 1b  | 36.7583             | 3                      | 29.7314           |
| 2_  | 5.9255              | 6                      | 89.0638           |
|   |                     | 8                      | 0.1948            |
|   |                     | 9                      | 4.1894            |

**Miles of Powerlines**              0              **Miles of Railroads**              0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

1 reptile

2 plant-dicot

**SBR Ecoregional Target Occurrences****Expert Comments**

**Forest Types** POH & O forest throughout

**All Comments** May be best along with Doughton Buffalo Fork & Joe's Fork good WQ  
Fairly small single RO Mingo Tract (pvt. Conservation?); WRC Buffalo  
Gamelands Includes unprotected 1800 ac trout club lease on Yadkin River

**Group**      15c                      **Block Name**      Bent Mt.

**Acres**    31925.535                      **Hectares**    12919.80574

**Acres of largest interior roadless block**    12704.2841    40 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 29925 | 93.7 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 6     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 6     | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 906   | 2.8  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 46    | 0.1  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 1049  | 3.3  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 4     | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 3**                      **Acres in Category**    26.3711                      0.1 % of block

**GAP Category 4**                      **Acres in Category**    3955.9141                      12.4 % of block

**Acres in NC Significant Natural Heritage Areas**                      0                      0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 61.1719             | 2                      | 12.1393           |
| 1b  | 3.7516              | 6                      | 52.5553           |
|   |                     | 8                      | 8.7444            |

**Miles of Powerlines**                      0                      **Miles of Railroads**                      0

**Element Occurrences by Major Group**

**Expert Comments**

**Forest Types** More acidic cove; a little richer, deeper soils (but not Rich Cove), more rain, than

**All Comments**

State road at "pinch point" is not a big road--almost have to pull of to let pass. Should revisit. BR Pkwy gets a lot of traffic, but questioned if fragmenter Disturbed with farms as high up as possible for long time. Took timber off upper ridges. Small communications facility at top of peak in "subblock" to east could be developed into larger one. This block may be more important as a connector than block, as with Poor Mtn. 9 segments considered trout streams; 3 segments considered impaired. Has been disturbed for long time. Allen thinks been high-graded for years. Lot of family timbering. Lots of ice storms--"can look like Wwi in there." Wonder if may b important breeding area for cerulean warblers because of maturity of forests and canopy gaps created by steep terrain. "sub block" to east--peak of mtn may be owned by one faily. Revisiit pinch point. Should area to SE be a separate block?

Group **16** Block Name **Blue Wall**

**Acres** 56339.704 **Hectares** 22799.86942

**Acres of largest interior roadless block** 17581.741 31 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 49854 | 88.5 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 78    | 0.1  | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 39    | 0.1  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 3148  | 5.6  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 770   | 1.4  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 2444  | 4.3  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 30    | 0.1  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

|                       |                          |            |      |                   |
|-----------------------|--------------------------|------------|------|-------------------|
| <b>GAP Category 1</b> | <b>Acres in Category</b> | 21086.7848 | 37.4 | <b>% of block</b> |
| <b>GAP Category 2</b> | <b>Acres in Category</b> | 130.6516   | 0.2  | <b>% of block</b> |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 1357.0956  | 2.4  | <b>% of block</b> |
| <b>GAP Category 4</b> | <b>Acres in Category</b> | 2.0909     | 0    | <b>% of block</b> |
| <b>GAP Category 9</b> | <b>Acres in Category</b> | 743.3921   | 1.3  | <b>% of block</b> |

**Acres in NC Significant Natural Heritage Areas** 1288.2322 2.3 **% of block in NC Sig. Nat. Her. Area**

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 82.2641             | 1                      | 0.9828            |
| 1b  | 24.657              | 2                      | 16.7435           |
| 2_  | 2.9157              | 3                      | 12.3699           |
|   |                     | 4                      | 0.2566            |
|   |                     | 5                      | 0.2014            |
|   |                     | 6                      | 202.2696          |

8 4.923  
 9 0.1811

**Miles of Powerlines** 9.0539 **Miles of Railroads** 7.8003

**Element Occurrences by Major Group**

| <b>Element Occurrence Summary</b> | <b>SBR Ecoregional Target Occurrences</b> |
|-----------------------------------|---|
| 3 amphibian                       | 1 natural community                       |
| 1 fish                            | 1 natural community                       |
| 18 mammal                         | 3 natural community                       |
| 1 reptile                         | 1 natural community                       |
| 3 natural community               | 1 natural community                       |
| 14 natural community              | 2 amphibian                               |
| 1 natural community               | 6 plant-dicot                             |
| 1 invertebrate-insect             | 9 plant-monocot                           |
| 1 plant-nonvascular               |   |
| 1 othe-outcrop/waterfall          |   |
| 2 othe-outcrop/waterfall          |   |
| 115 plant-dicot                   |   |
| 68 plant-monocot                  |   |
| 6 plant-fern/spleenwort           |   |

**Expert Comments**

**Forest Types** Low elev rich cove forest; Lyriodendrum/white oak/red oak communities;

**All Comments** Large unroaded area at center (Poinsett Wshed) w/ TNC CE on it, about 20K acres. Cliffs development (heavy) lies between watershed and Chestnut Ridge Her. Preserve. There is some missing protection data that should show a connection between the watershed and the Chestnut Ridge Her. Preserve. Includes Pacolet River and Saluda River headwaters 1934-36 approximately last large cut in watershed; youngest stuff 1957 (when Wshed was protected); outside Wshed, varies a lot, but maybe early 1940s last landscape wide cut There was an artillery range, and some development in watershed during 1920s; ice storms much more extensive than hurricane landslide damage--doubled fuel load in some burn units; Japanese three lined weevil defoliating lots of holly trees Ovenbirds, black & white warblers, scarlet tanagers Sisyrrinchum on mafic outcrops. Princess tree, tree of heaven, kudzu, oriental bittersweet significant; invasive trees taking hold in canopy gaps. Most multiflora rose as anywhere in SC mtns. Wild hogs. richer soils (5.6-6.2); really lush diverse herbaceous assemblage--a lot of things here that aren't anywhere else in SC; foothills subtype; spray cliffs; some granite outcrops Public watersheds; a lot of land publicly owned, not managed. Chestnut Ridge Heritage Preserve--state bought from Champion late 1990s; some camps around watershed. 700 ac for sale "Enormous amt" of amphibolite inclusions

here; Chestnut Ridge Her. Preserve has all the mafic endemics; much of the watershed is mafic

Group **16** Block Name **Chimney Rock**

Acres 13733.185 Hectares 5557.622626

Acres of largest interior roadless block 9936.80752 72 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |      |                              |
|------------------------|-------|------|------------------------------|
| acres of forest        | 12248 | 89.2 | % of forest in block         |
| acres of water         | 11    | 0.1  | % of water in block          |
| acres of rock and sand | 33    | 0.2  | % of rock and sand in block  |
| acres developed        | 475   | 3.5  | % of developed in block      |
| acres shrub and herb   | 231   | 1.7  | % of shrub and herb in block |
| acres agriculture      | 739   | 5.4  | % of agriculture in block    |
| acres wetland          | 4     | 0    | % of wetlands in block       |

**Secured Areas Summary of Block**

|                |                   |           |                 |
|----------------|-------------------|-----------|-----------------|
| GAP Category 1 | Acres in Category | 401.6474  | 2.9 % of block  |
| GAP Category 2 | Acres in Category | 3379.7454 | 24.6 % of block |
| GAP Category 3 | Acres in Category | 351.8761  | 2.6 % of block  |

Acres in NC Significant Natural Heritage Areas 6347.4041 46.2 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| Length of Rivers and Streams in Blocks |              | Roads in Blocks |            |
|--|--------------|-----------------|------------|
| Stream Class                           | Stream Miles | Road Class      | Road Miles |
| 1a                                     | 14.6314      | 2               | 13.0432    |
| 1b                                     | 5.6821       | 6               | 29.0631    |
| 2_                                     | 3.4007       | 8               | 2.9016     |
|  |              | 9               | 2.7212     |

Miles of Powerlines 0 Miles of Railroads 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

17 amphibian  
 4 bird  
 2 mammal  
 1 reptile  
 22 natural community  
 5 invertebrate-arachnid  
 1 plant-nonvascular  
 1 plant-nonvascular  
 32 plant-dicot  
 34 plant-monocot  
 4 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

4 natural community  
 3 natural community  
 5 natural community  
 6 natural community  
 2 natural community  
 6 natural community  
 4 natural community  
 1 natural community  
 4 natural community  
 1 natural community  
 1 natural community  
 1 natural community  
 4 amphibian  
 3 mammal  
 1 reptile  
 1 plant-nonvascular  
 4 plant-dicot  
 10 plant-monocot

**Expert Comments**

**Forest Types** Similar to HNG block

**All Comments** Excellent; "keep in"; parallel value with Hickory Nut Gorge Connector between this and HNG block very important Similar to HNG block Bigger RO's here than HNG, but there too

Group **16** Block Name **Green River**

**Acres** 30218.762 **Hectares** 12229.09894

**Acres of largest interior roadless block** 15718.7158 52 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 28226 | 93.4 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 23    | 0.1  | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 34    | 0.1  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 1104  | 3.7  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 399   | 1.3  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 412   | 1.4  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 31    | 0.1  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 1** **Acres in Category** 189.9643 0.6 % of block

**GAP Category 3** **Acres in Category** 13024.8336 43.1 % of block

**Acres in NC Significant Natural Heritage Areas** 10628.3187 35.2 % of block in NC Sig. Nat. Her. Area

**Linear Features**

**Length of Rivers and Streams in Blocks**

**Stream Class** **Stream Miles**

1a 43.0809

1b 13.7114

2\_ 12.1181

**Roads in Blocks**

**Road Class** **Road Miles**

1 9.7318

4 0.5697

6 77.692

8 0.7366

9 0.0368

**Miles of Powerlines** 0 **Miles of Railroads** 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

6 bird  
2 reptile  
24 natural community  
2 invertebrate-insect  
2 plant-nonvascular  
26 plant-dicot  
40 plant-monocot  
3 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

2 natural community  
1 natural community  
4 natural community  
1 natural community  
2 natural community  
1 natural community  
3 natural community  
1 natural community  
1 natural community  
1 mammal  
2 reptile  
6 plant-dicot  
7 plant-monocot

**Expert Comments****Forest Types****All Comments**

Excellent; "keep in" Variable; "some good stuff in there" WRC Rx fire-- some stand replacement, some TMP regen; could be core with multiple use around Includes significant mafic peaks (Tryon Peak)--very nice inclusions, interesting nat. commtys. Large WRC gamelands; Large 2K ac pvt holding on Hungry River? (or is that in Chimney Rock?)

**Group**      16                      **Block Name**      Hickory Nut Gorge

**Acres**    65899.226              **Hectares**    26668.47061

**Acres of largest interior roadless block**    26027.9862    39 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 61169 | 92.8 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 54    | 0.1  | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 176   | 0.3  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 1431  | 2.2  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 1142  | 1.7  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 1947  | 3    | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 10    | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

|                       |                          |           |     |                   |
|-----------------------|--------------------------|-----------|-----|-------------------|
| <b>GAP Category 1</b> | <b>Acres in Category</b> | 1544.3677 | 2.3 | <b>% of block</b> |
| <b>GAP Category 2</b> | <b>Acres in Category</b> | 744.8675  | 1.1 | <b>% of block</b> |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 3047.9693 | 4.6 | <b>% of block</b> |

**Acres in NC Significant Natural Heritage Areas**    17451.2903                      26.5 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 113.0969            | 1                      | 4.0959            |
| 1b  | 15.8993             | 2                      | 10.2972           |
| 2_  | 3.4007              | 3                      | 27.9769           |
|   |                     | 4                      | 0.2138            |
|   |                     | 6                      | 135.2378          |
|   |                     | 8                      | 1.4135            |

**Miles of Powerlines**                      0.513              **Miles of Railroads**                      0

## Element Occurrences by Major Group

### Element Occurrence Summary

10 amphibian  
 1 bird  
 1 mammal  
 2 reptile  
 24 natural community  
 7 invertebrate-arachnid  
 1 plant-nonvascular  
 19 plant-dicot  
 2 plant-monocot  
 5 plant-fern/spleenwort

### SBR Ecoregional Target Occurrences

1 natural community  
 2 natural community  
 5 natural community  
 1 natural community  
 4 natural community  
 2 natural community  
 1 amphibian  
 1 mammal  
 1 plant-dicot  
 1 plant-monocot

### Expert Comments

**Forest Types**    Some TMP; excellent CarHem; R C

**All Comments**    Excellent; "keep in"; parallel value with Chimney Rock    Real variable condition, but substantial acreage in good condition, particularly at S end. Really good collection of rare species here; internal connectivity (??) A whole lot of most everything; tree of heaven, etc. Probably worst invasives problem of any block (rich soils contribute) Lots of snha's, some rare patch communities and some by forest community condition. Lots of RO's Does this include Hickory Nut Mtn? Major geographic brk at AVL basin--lot of spp reach their limit N or S of here.

Group **16** Block Name **Jocassee**

Acres 82215.649 Hectares 33271.49291

Acres of largest interior roadless block 45096.8913 55 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |      |                              |
|------------------------|-------|------|------------------------------|
| acres of forest        | 76707 | 93.3 | % of forest in block         |
| acres of water         | 536   | 0.7  | % of water in block          |
| acres of rock and sand | 66    | 0.1  | % of rock and sand in block  |
| acres developed        | 2121  | 2.6  | % of developed in block      |
| acres shrub and herb   | 926   | 1.1  | % of shrub and herb in block |
| acres agriculture      | 1789  | 2.2  | % of agriculture in block    |
| acres wetland          | 79    | 0.1  | % of wetlands in block       |

**Secured Areas Summary of Block**

|                |                   |            |                 |
|----------------|-------------------|------------|-----------------|
| GAP Category 2 | Acres in Category | 32940.6734 | 40.1 % of block |
| GAP Category 3 | Acres in Category | 8777.8804  | 10.7 % of block |
| GAP Category 9 | Acres in Category | 103.837    | 0.1 % of block  |

Acres in NC Significant Natural Heritage Areas 19234.7706 23.4 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| Length of Rivers and Streams in Blocks |              | Roads in Blocks |            |
|--|--------------|-----------------|------------|
| Stream Class                           | Stream Miles | Road Class      | Road Miles |
| 1a                                     | 135.4306     | 2               | 44.9257    |
| 1b                                     | 57.3309      | 3               | 33.6612    |
| 2_                                     | 1.5529       | 6               | 182.5189   |
|  |              | 8               | 1.9101     |

Miles of Powerlines 56.7245 Miles of Railroads 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

57 amphibian  
 2 bird  
 18 fish  
 62 mammal  
 13 reptile  
 23 natural community  
 1 natural community  
 1 natural community  
 15 natural community  
 3 invertebrate-crustation  
 3 invertebrate-insect  
 87 plant-nonvascular  
 7 plant-nonvascular  
 4 othe-outcrop/waterfall  
 549 plant-dicot  
 305 plant-monocot  
 127 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

1 natural community  
 2 natural community  
 6 natural community  
 3 natural community  
 7 natural community  
 2 natural community  
 2 natural community  
 7 natural community  
 12 amphibian  
 10 mammal  
 5 reptile  
 7 plant-nonvascular  
 1 plant-nonvascular  
 25 plant-dicot  
 11 plant-monocot  
 18 plant-fern/spleenwort

**Expert Comments****Forest Types**

Different in different places. Some mountains partially logged in 1926, but didn't

**All Comments**

WAS ASSESSED with MT BRIDGE WEST Minor lakeshore development; another 40 acres could be developed More outstanding resource waters than anywhere else in state of SC. Horsepasture River in NC: candidate for ORW Parts function as "older growth." Lots of older growth in very steep mountainsides--150 years old. Lots of pockets of older growth. 10% 120 years old; 10% 80-120. At Eastatoe Valley (this block???), 535 rare plant populations on 530 ac.; lots of stuff no where else in SC; some stuff nowhere else in SE. Pitcher plants; Oconee bells. Only pair of peregrine falcons in SC. Eastatoe and Brasstown may be only valleys left to conserve in Upstate SC. (Both probably have been treeless for 1000 years.) Critical for bear in fall. A lot of stream bottoms in better shape than in other places. Eastoe Valley--big problem with generational turnover; land rich, cash poor, not in a hurry. Management varies a fair amount: G'ville watershed totally hands off; State Parks, public recreation/access; gamelands. Discussion of powerline as fragmenter: ultimately, strongly argued not to use powerline as a fragmenter.

**Group**      16                      **Block Name**      Mt. Bridge

**Acres**    28668.808              **Hectares**    11601.8549

**Acres of largest interior roadless block**    11471.1281    40 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 25205 | 87.9 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 16    | 0.1  | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 121   | 0.4  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 1078  | 3.8  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 676   | 2.4  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 1574  | 5.5  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 8     | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

|                       |                          |           |                 |
|-----------------------|--------------------------|-----------|-----------------|
| <b>GAP Category 2</b> | <b>Acres in Category</b> | 1577.5024 | 5.5 % of block  |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 2930.6875 | 10.2 % of block |
| <b>GAP Category 9</b> | <b>Acres in Category</b> | 2232.0819 | 7.8 % of block  |

**Acres in NC Significant Natural Heritage Areas**    2298.7262                      8 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 53.7912             | 1                      | 2.175             |
| 1b  | 24.0468             | 2                      | 11.8239           |
| 2_  | 3.099               | 3                      | 17.8422           |
|   |                     | 4                      | 1.0575            |
|   |                     | 5                      | 0.0612            |
|   |                     | 6                      | 68.9051           |
|   |                     | 9                      | 0.451             |

**Miles of Powerlines**

0

**Miles of Railroads**

0

### **Element Occurrences by Major Group**

#### **Element Occurrence Summary**

- 2 amphibian
- 1 fish
- 1 mammal
- 1 reptile
- 4 natural community
- 4 natural community
- 8 plant-dicot
- 4 plant-monocot
- 2 plant-fern/spleenwort

#### **SBR Ecoregional Target Occurrences**

- 1 natural community
- 1 natural community

#### **Expert Comments**

**Forest Types** Pretty much the same as other blocks.

**All Comments** Powerline at west boundary--are widening it now; is managed to have no understory, no canopy. Just as did the NC experts, SC experts suggested Green River Road to north maybe not an appropriate fragmenting feature: almost complete canopy cover over it; very different from powerline to west. "This is the missing piece in connecting the whole escarpment." Headwaters; may be some water quality issues on Middle Saluda. Probably harvested twice. Mostly 70 year old timber. Not a lot of fire history; maybe occasional lightning strikes. Some granitic outcrop communities. Very limited protected land; but also limited development; small amount of camps and small mtn communities. Private ownership of richest geology area in SC.; CE on Cedar Rock 600 ac. Ltd development; Naturaland Trust owns piece there; Upstate Forever CE; County Park west of Cliffs at Mountain Park. 1000 ac Girl Scout Camp; White tract TNC is trying to buy Richest geology in NE section of this block; pH 6.8-7.0. There are a lot of spp. That exist here that is only location in SC. Just as NC experts suggested, maybe Green River Road shouldn't be fragmenter--canopy cover.

**Group**      16                      **Block Name**      Mt. Bridge West

**Acres**    14065.639                      **Hectares**    5692.162123

**Acres of largest interior roadless block**    12408.6640    88 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 13042 | 92.7 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 14    | 0.1  | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 9     | 0.1  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 493   | 3.5  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 147   | 1    | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 344   | 2.4  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 22    | 0.2  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

|                       |                          |           |                 |
|-----------------------|--------------------------|-----------|-----------------|
| <b>GAP Category 1</b> | <b>Acres in Category</b> | 1533.0151 | 10.9 % of block |
| <b>GAP Category 2</b> | <b>Acres in Category</b> | 4096.3304 | 29.1 % of block |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 1.4444    | 0 % of block    |
| <b>GAP Category 9</b> | <b>Acres in Category</b> | 763.5308  | 5.4 % of block  |

**Acres in NC Significant Natural Heritage Areas**      566.6491                      4 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 32.3189             | 2                      | 21.1101           |
| 1b  | 9.9741              | 3                      | 3.7877            |
|   |                     | 6                      | 42.758            |
|   |                     | 8                      | 0.4022            |
|   |                     | 9                      | 0.451             |

**Miles of Powerlines**                      0                      **Miles of Railroads**                      0

## Element Occurrences by Major Group

### Element Occurrence Summary

10 amphibian  
19 mammal  
1 reptile  
5 natural community  
2 natural community  
5 natural community  
8 natural community  
1 plant-nonvascular  
2 othe-outcrop/waterfall  
3 othe-outcrop/waterfall  
48 plant-dicot  
22 plant-monocot  
8 plant-fern/spleenwort

### SBR Ecoregional Target Occurrences

1 natural community  
8 amphibian  
1 mammal  
1 plant-nonvascular  
21 plant-dicot  
2 plant-monocot

### Expert Comments

### Forest Types

### All Comments

Has two inholdings; most of rest is already protected. False sedimentary area showing up on geology; not quartzite there, it's granite. Suggested combining with Jocassee and Headwaters blocks

Group **17a** Block Name **Spring Creek Mt.**

**Acres** 40589.613 **Hectares** 16426.03352

**Acres of largest interior roadless block** 20038.9022 49 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 36286 | 89.4 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 137   | 0.3  | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 29    | 0.1  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 1116  | 2.7  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 722   | 1.8  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 2282  | 5.6  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 28    | 0.1  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 3** Acres in Category 7106.9825 17.5 % of block

**Acres in NC Significant Natural Heritage Areas** 1418.8631 3.5 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 57.992              | 10                     | 0.2486            |
| 1b  | 21.2781             | 2                      | 6.596             |
| 2_  | 7.3301              | 3                      | 42.8303           |
| 3b  | 10.6282             | 6                      | 75.4281           |
|   |                     | 8                      | 19.3053           |

**Miles of Powerlines** 0 **Miles of Railroads** 1.4381

**Element Occurrences by Major Group**

**Element Occurrence Summary**

16 fish  
11 natural community  
11 plant-dicot  
1 plant-monocot  
2 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

1 natural community  
1 natural community  
4 natural community  
2 natural community

**Expert Comments****Forest Types****All Comments**

NF part is "battered"; but "good stuff" in the gorge Almost entirely private; NF part at N end is battered Not as good a potential as the Newfound Mtns block Josh proposes, according to him "Could lump the gorge part in with Max Patch block"

**Group**      17b                      **Block Name**      Headwaters

**Acres**    52211.947                      **Hectares**    21129.42511

**Acres of largest interior roadless block**    36875.8598    71 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 49042 | 93.9 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 67    | 0.1  | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 38    | 0.1  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 1681  | 3.2  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 390   | 0.7  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 979   | 1.9  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 21    | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

|                       |                          |            |      |                   |
|-----------------------|--------------------------|------------|------|-------------------|
| <b>GAP Category 1</b> | <b>Acres in Category</b> | 1677.031   | 3.2  | <b>% of block</b> |
| <b>GAP Category 2</b> | <b>Acres in Category</b> | 13809.0145 | 26.4 | <b>% of block</b> |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 11088.2271 | 21.2 | <b>% of block</b> |
| <b>GAP Category 9</b> | <b>Acres in Category</b> | 131.2353   | 0.3  | <b>% of block</b> |

**Acres in NC Significant Natural Heritage Areas**                      150.67                      0.3 **% of block in NC Sig. Nat. Her. Area**

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 99.9502             | 2                      | 35.366            |
| 1b  | 24.6102             | 3                      | 11.4038           |
|   |                     | 6                      | 130.1551          |
|   |                     | 8                      | 1.7248            |
|   |                     | 9                      | 1.612             |

**Miles of Powerlines**                      0                      **Miles of Railroads**                      0

## Element Occurrences by Major Group

### Element Occurrence Summary

20 amphibian  
 5 bird  
 2 fish  
 46 mammal  
 2 reptile  
 1 natural community  
 1 natural community  
 15 natural community  
 1 invertebrate-insect  
 3 plant-nonvascular  
 2 plant-nonvascular  
 1 othe-outcrop/waterfall  
 3 othe-outcrop/waterfall  
 193 plant-dicot  
 107 plant-monocot  
 34 plant-fern/spleenwort

### SBR Ecoregional Target Occurrences

1 natural community  
 2 natural community  
 2 natural community  
 1 natural community  
 11 amphibian  
 8 mammal  
 1 reptile  
 3 plant-nonvascular  
 13 plant-dicot  
 5 plant-monocot

### Expert Comments

### Forest Types

### All Comments

WAS ASSESSED with MT BRIDGE WEST  
 unprotected tract in WNC (8,000 ac)

Includes largest

Group **17b** Block Name **Tiger**

Acres 15606.564 Hectares 6315.752326

Acres of largest interior roadless block 15431.3723 99 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |      |                              |
|------------------------|-------|------|------------------------------|
| acres of forest        | 14554 | 93.3 | % of forest in block         |
| acres of water         | 1     | 0    | % of water in block          |
| acres of rock and sand | 2     | 0    | % of rock and sand in block  |
| acres developed        | 506   | 3.2  | % of developed in block      |
| acres shrub and herb   | 152   | 1    | % of shrub and herb in block |
| acres agriculture      | 370   | 2.4  | % of agriculture in block    |
| acres wetland          | 10    | 0.1  | % of wetlands in block       |

**Secured Areas Summary of Block**

GAP Category 3 Acres in Category 11093.6294 71.1 % of block

Acres in NC Significant Natural Heritage Areas 0 0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| Length of Rivers and Streams in Blocks |              | Roads in Blocks |            |
|--|--------------|-----------------|------------|
| Stream Class                           | Stream Miles | Road Class      | Road Miles |
| 1a                                     | 26.3784      | 3               | 9.3082     |
| 1b                                     | 4.9345       | 6               | 42.6738    |
| 2_                                     | 0.1147       | 8               | 0.3077     |

Miles of Powerlines 3.8584 Miles of Railroads 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

1 plant-monocot

**SBR Ecoregional Target Occurrences****Expert Comments****Forest Types****All Comments**

Some recent burns with good recovery. (Mike Brod worked this area on Rx fire--could call him.) Only one EO--1991 naked fruit rush. "usual array"  
NOTE: nobody seemed to recognize this area or the roads around it. End conclusion: nothing particularly special about this area.

Group **17b** Block Name **Upper Chattooga/Three State**

**Acres** 58880.223 **Hectares** 23827.98096

**Acres of largest interior roadless block** 11051.8088 19 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 55126 | 93.6 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 12    | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 157   | 0.3  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 1781  | 3    | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 573   | 1    | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 1045  | 1.8  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 81    | 0.1  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

|                       |                          |            |      |                   |
|-----------------------|--------------------------|------------|------|-------------------|
| <b>GAP Category 1</b> | <b>Acres in Category</b> | 4186.4748  | 7.1  | <b>% of block</b> |
| <b>GAP Category 2</b> | <b>Acres in Category</b> | 220.2823   | 0.4  | <b>% of block</b> |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 38454.6046 | 65.3 | <b>% of block</b> |
| <b>GAP Category 4</b> | <b>Acres in Category</b> | 50.765     | 0.1  | <b>% of block</b> |
| <b>GAP Category 9</b> | <b>Acres in Category</b> | 73.9952    | 0.1  | <b>% of block</b> |

**Acres in NC Significant Natural Heritage Areas** 6720.8521 11.4 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 94.5631             | 2                      | 7.1676            |
| 1b  | 37.6191             | 3                      | 63.5473           |
| 2_  | 13.14               | 6                      | 182.8497          |
|   |                     | 8                      | 3.2457            |
|   |                     | 9                      | 2.7816            |

**Miles of Powerlines**

0

**Miles of Railroads**

0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

**SBR Ecoregional Target Occurrences**

|                           |                         |
|---------------------------|-------------------------|
| 29 amphibian              | 5 natural community     |
| 3 bird                    | 1 natural community     |
| 7 fish                    | 1 natural community     |
| 25 mammal                 | 8 natural community     |
| 4 reptile                 | 8 natural community     |
| 29 natural community      | 3 natural community     |
| 1 natural community       | 2 natural community     |
| 2 natural community       | 5 natural community     |
| 15 natural community      | 12 natural community    |
| 1 natural community       | 1 natural community     |
| 4 invertebrate-crustation | 1 natural community     |
| 37 plant-nonvascular      | 3 natural community     |
| 2 plant-nonvascular       | 2 natural community     |
| 1 othe-outcrop/waterfall  | 1 natural community     |
| 154 plant-dicot           | 7 amphibian             |
| 1 plant-gymnosperm        | 1 mammal                |
| 62 plant-monocot          | 2 reptile               |
| 19 plant-fern/spleenwort  | 2 plant-nonvascular     |
|                           | 3 plant-nonvascular     |
|                           | 41 plant-dicot          |
|                           | 8 plant-monocot         |
|                           | 2 plant-fern/spleenwort |

**Expert Comments**

**Forest Types** Pretty similar to Rabun Bald area. PP heath; some TMP.

**All Comments** 90% FS owned. Aquatically, same as Lower and Mid Chattooga. "typical" 2-3 wildfires of 1000 acres or more in last several years. A little bit of timber mgmt for restoration purposes--done some thinning to get back TMP, but very small. Some Rx. Fire. THE site for Sawwhet owls in winter. Lots of cliffside goldenrod; sand myrtle. Small whorled pogonia; green salamander HWA is worst thing here. Where it first hit Ga. Lots of mortality. Hedden Crk Bog heavily invaded by miscanthus Hedden Crk Bog Much is protected; some

inholdings, some towns. 90% FS owned. Less than 1/4 in Ga. is in wilderness. Wild & Scenic River partially in this block. There is a Table Mountain Pine PLANTATION here.

**Group**      17b                      **Block Name**      White Water

**Acres**    39868.492              **Hectares**    16134.20635

**Acres of largest interior roadless block**    9837.14301    25 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 37289 | 93.5 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 31    | 0.1  | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 68    | 0.2  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 959   | 2.4  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 670   | 1.7  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 796   | 2    | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 24    | 0.1  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

|                       |                          |            |      |                   |
|-----------------------|--------------------------|------------|------|-------------------|
| <b>GAP Category 1</b> | <b>Acres in Category</b> | 1456.954   | 3.7  | <b>% of block</b> |
| <b>GAP Category 2</b> | <b>Acres in Category</b> | 857.4668   | 2.2  | <b>% of block</b> |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 21947.8389 | 55.1 | <b>% of block</b> |
| <b>GAP Category 9</b> | <b>Acres in Category</b> | 1290.84    | 3.2  | <b>% of block</b> |

**Acres in NC Significant Natural Heritage Areas**    6828.8418              17.1 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 85.1962             | 2                      | 4.064             |
| 1b  | 11.2754             | 3                      | 56.5843           |
|   |                     | 6                      | 145.7975          |
|   |                     | 8                      | 1.116             |

**Miles of Powerlines**                      0              **Miles of Railroads**                      0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

13 amphibian  
 5 fish  
 18 mammal  
 22 natural community  
 1 natural community  
 6 natural community  
 1 invertebrate-crustation  
 6 plant-nonvascular  
 3 plant-nonvascular  
 3 othe-outcrop/waterfall  
 128 plant-dicot  
 52 plant-monocot  
 18 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

1 natural community  
 4 natural community  
 2 natural community  
 3 natural community  
 2 natural community  
 1 natural community  
 3 amphibian  
 4 mammal  
 2 plant-nonvascular  
 21 plant-dicot  
 1 plant-monocot

**Expert Comments**

**Forest Types** Lots of POH w/ remnants of open habitat. "Shortleaf pine heaven."

**All Comments** Pretty good, except for manmade lakes. This is one of the most fire-prone areas in SC. Active Rx Burning since 1970s/80s. Had perhaps biggest, most intense wildfire here in 1970s. Bull Pen Bog Lots of protected lands: Oconee St Park, Oconee Station; USFS Amphibolite inclusions in Station Cove. Distinguishing feature: rapid rise from Piedmont, then levels off at 107, then falls off on other side to Chattooga.

**Group**      17c                      **Block Name**      Duncan Ridge?

**Acres**    49468.709                      **Hectares**    20019.27624

**Acres of largest interior roadless block**    15226.0848    31 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |                                  |
|-------------------------------|-------|----------------------------------|
| <b>acres of forest</b>        | 47469 | 96 % of forest in block          |
| <b>acres of water</b>         | 7     | 0 % of water in block            |
| <b>acres of rock and sand</b> | 0     | 0 % of rock and sand in block    |
| <b>acres developed</b>        | 1064  | 2.2 % of developed in block      |
| <b>acres shrub and herb</b>   | 193   | 0.4 % of shrub and herb in block |
| <b>acres agriculture</b>      | 648   | 1.3 % of agriculture in block    |
| <b>acres wetland</b>          | 31    | 0.1 % of wetlands in block       |

**Secured Areas Summary of Block**

|                       |                          |            |                 |
|-----------------------|--------------------------|------------|-----------------|
| <b>GAP Category 1</b> | <b>Acres in Category</b> | 2.6102     | 0 % of block    |
| <b>GAP Category 2</b> | <b>Acres in Category</b> | 7097.4941  | 14.3 % of block |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 35186.1877 | 71.1 % of block |

**Acres in NC Significant Natural Heritage Areas**                      0                      0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 100.6194            | 2                      | 24.5529           |
| 1b  | 23.5832             | 3                      | 35.3831           |
| 2_  | 2.7845              | 6                      | 137.8387          |
|   |                     | 9                      | 6.8445            |

**Miles of Powerlines**                      8.3366                      **Miles of Railroads**                      0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

5 amphibian  
1 fish  
10 mammal  
5 reptile  
1 natural community  
1 invertebrate-insect  
11 plant-dicot  
42 plant-monocot  
3 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

1 natural community  
3 plant-monocot

**Expert Comments**

**Forest Types** Includes Sosebee Cove--very diverse cove. One of better areas for Rich Coves i

**All Comments** Heavy development along highway--threat to watershed. Pretty heavily roaded, but just with single lane gravel FS roads. Overall pretty heavily settled and logged; even some of the premier yellow poplar sites are second growth. A lot of chestnuts cut for leather tanning industry. 10-20% been actively managed during FS ownership and is 30 yrs or less. Old growth Yellow Poplar at Cooper Creek Sc. Area. Red breasted nuthatches breeding here. Ceruleans seen here; trying to manage for, but not breeding yet. Most bog turtles of any block. Historic GWW sites gone now. Purple fringed orchids on Wolf Creek. Native brook trout streams. Darters in Upper Toccoa; hellbenders premier site in Cooper Crk. Along hwys, roads, wildlife plots. Coosa Bald Scenic Area (not a bald) and Cooper Crk Scenic Are--special levels of protection; rest in multiple use, some mgmt prescriptions. Fair amt Rx fire, some commerical timber.

**Group**        17c                      **Block Name**        Rocky Mt.?

**Acres**    13353.418                      **Hectares**    5403.936488

**Acres of largest interior roadless block**    12927.4333    97 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |                                |
|-------------------------------|-------|--------------------------------|
| <b>acres of forest</b>        | 12683 | 95 % of forest in block        |
| <b>acres of water</b>         | 0     | 0 % of water in block          |
| <b>acres of rock and sand</b> | 4     | 0 % of rock and sand in block  |
| <b>acres developed</b>        | 282   | 2.1 % of developed in block    |
| <b>acres shrub and herb</b>   | 139   | 1 % of shrub and herb in block |
| <b>acres agriculture</b>      | 217   | 1.6 % of agriculture in block  |
| <b>acres wetland</b>          | 11    | 0.1 % of wetlands in block     |

**Secured Areas Summary of Block**

**GAP Category 2**                      **Acres in Category**    193.5414                      1.4 % of block

**GAP Category 3**                      **Acres in Category**    10675.6993                      79.9 % of block

**Acres in NC Significant  
Natural Heritage Areas**                      0                      0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 31.1631             | 3                      | 34.9305           |
| 1b  | 2.546               | 6                      | 28.366            |
| 2_  | 7.2747              |                        |                   |

**Miles of Powerlines**                      0                      **Miles of Railroads**                      0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

2 amphibian  
2 fish  
3 plant-dicot  
8 plant-monocot

**SBR Ecoregional Target Occurrences**

1 fish

**Expert Comments**

**Forest Types** More mesic acidic. Lot of white pine. Very much like Amicalola Dahlenega.

**All Comments** Mostly just dead end forest roads. Houses on north side and along Gaddistown Rd. Hellbenders in hw of Toccoa Riv. Lot of 70-80 yr old forest, mostly protected. Rx. Fire (to control white pine and promote oak regen. Bog Turtle site. FS ownership--no wilderness. Lot of recreation use. Rx. Fire. This block doesn't jump out as being a unique site. Suggest should combine with Amicalola.

Group **18** Block Name **Asheville Watershed/Curtis Creek**

**Acres** 72746.42 **Hectares** 29439.43163

**Acres of largest interior roadless block** 44180.5327 61 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 70142 | 96.4 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 35    | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 11    | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 1403  | 1.9  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 368   | 0.5  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 815   | 1.1  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 10    | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

|                       |                          |            |                 |
|-----------------------|--------------------------|------------|-----------------|
| <b>GAP Category 1</b> | <b>Acres in Category</b> | 143.4432   | 0.2 % of block  |
| <b>GAP Category 2</b> | <b>Acres in Category</b> | 1435.2561  | 2 % of block    |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 36466.4307 | 50.1 % of block |
| <b>GAP Category 4</b> | <b>Acres in Category</b> | 17848.7966 | 24.5 % of block |

**Acres in NC Significant Natural Heritage Areas** 14947.8696 20.5 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 112.5492            | 1                      | 4.4727            |
| 1b  | 39.68               | 10                     | 1.3722            |
|   |                     | 2                      | 41.7809           |
|   |                     | 3                      | 24.2179           |
|   |                     | 5                      | 0.0787            |
|   |                     | 6                      | 87.8933           |
|   |                     | 8                      | 5.6475            |

**Miles of Powerlines** 0 **Miles of Railroads** 12.5842

**Element Occurrences by Major Group**

**Element Occurrence Summary**

- 9 bird
- 2 mammal
- 2 reptile
- 54 natural community
- 2 invertebrate-insect
- 5 invertebrate-arachnid
- 4 plant-nonvascular
- 4 plant-nonvascular
- 15 plant-dicot
- 6 plant-monocot
- 1 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

- 1 natural community
- 7 natural community
- 3 natural community
- 3 natural community
- 1 natural community
- 4 natural community
- 1 natural community
- 1 natural community
- 3 natural community
- 1 natural community
- 3 mammal
- 1 reptile
- 1 plant-nonvascular
- 3 plant-nonvascular
- 4 plant-dicot
- 2 plant-monocot

**Expert Comments**

**Forest Types**

**All Comments**

Excellent    Exceptional    A number of "federally ranked" spp. Large outbreak of miscanthus in AVL watershed, plus microstegium, bittersweet, spirea    Excellent mafic inclusions at N side of block M. Schafale suggests combine with Black Mtns; Pkwy between the two is not much of a barrier

Group **18** Block Name **Grandfather Mt.**

**Acres** 90700.797 **Hectares** 36705.31023

**Acres of largest interior roadless block** 18437.5170 20 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |                                  |
|-------------------------------|-------|----------------------------------|
| <b>acres of forest</b>        | 84358 | 93 % of forest in block          |
| <b>acres of water</b>         | 10    | 0 % of water in block            |
| <b>acres of rock and sand</b> | 25    | 0 % of rock and sand in block    |
| <b>acres developed</b>        | 3106  | 3.4 % of developed in block      |
| <b>acres shrub and herb</b>   | 742   | 0.8 % of shrub and herb in block |
| <b>acres agriculture</b>      | 2453  | 2.7 % of agriculture in block    |
| <b>acres wetland</b>          | 74    | 0.1 % of wetlands in block       |

**Secured Areas Summary of Block**

|                       |                          |            |                 |
|-----------------------|--------------------------|------------|-----------------|
| <b>GAP Category 1</b> | <b>Acres in Category</b> | 2429.2048  | 2.7 % of block  |
| <b>GAP Category 2</b> | <b>Acres in Category</b> | 8901.0258  | 9.8 % of block  |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 57208.3739 | 63.1 % of block |
| <b>GAP Category 4</b> | <b>Acres in Category</b> | 6.0868     | 0 % of block    |

**Acres in NC Significant Natural Heritage Areas** 17575.8492 19.4 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 163.7671            | 10                     | 1.4069            |
| 1b  | 59.753              | 2                      | 54.3218           |
| 2_  | 9.2566              | 3                      | 73.6102           |
|   |                     | 5                      | 0.1534            |
|   |                     | 6                      | 203.538           |
|   |                     | 8                      | 2.3368            |
|   |                     | 9                      | 16.2849           |

**Miles of Powerlines**

0

**Miles of Railroads**

0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

**SBR Ecoregional Target Occurrences**

|                         |                       |
|-------------------------|-----------------------|
| 2 amphibian             | 5 natural community   |
| 6 bird                  | 2 natural community   |
| 25 mammal               | 2 natural community   |
| 5 reptile               | 2 natural community   |
| 22 natural community    | 1 natural community   |
| 3 invertebrate-insect   | 1 natural community   |
| 3 invertebrate-arachnid | 8 natural community   |
| 3 invertebrate-mollusk  | 9 natural community   |
| 10 plant-nonvascular    | 8 natural community   |
| 8 plant-nonvascular     | 1 natural community   |
| 52 plant-dicot          | 1 natural community   |
| 18 plant-monocot        | 2 natural community   |
| 1 plant-fern/spleenwort | 1 natural community   |
|                         | 1 natural community   |
|                         | 3 amphibian           |
|                         | 7 mammal              |
|                         | 3 reptile             |
|                         | 1 invertebrate-insect |
|                         | 3 plant-nonvascular   |
|                         | 8 plant-nonvascular   |
|                         | 52 plant-dicot        |
|                         | 6 plant-monocot       |

**Expert Comments**

**Forest Types**

**All Comments** Excellent; includes 3 big roadless areas

**Group**      19a                      **Block Name**      Dupont

**Acres**    25143.679                      **Hectares**    10175.28608

**Acres of largest interior roadless block**    9102.59025    36 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 23463 | 93.3 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 30    | 0.1  | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 6     | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 742   | 3    | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 180   | 0.7  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 722   | 2.9  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 9     | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category** 3                      **Acres in Category**    10748.0354                      42.7 % of block

**Acres in NC Significant Natural Heritage Areas**    7585.1224                      30.2 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 49.5644             | 3                      | 8.9101            |
| 1b  | 8.9359              | 6                      | 64.0801           |
| 2_  | 0.2236              | 8                      | 0.0665            |
|   |                     | 9                      | 0.6764            |

**Miles of Powerlines**                      0                      **Miles of Railroads**                      0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

28 amphibian  
 1 reptile  
 50 natural community  
 1 invertebrate-insect  
 2 plant-nonvascular  
 27 plant-dicot  
 21 plant-monocot  
 2 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

2 natural community  
 1 natural community  
 1 natural community  
 1 natural community  
 2 natural community  
 2 natural community  
 2 natural community  
 8 natural community  
 1 natural community  
 3 natural community  
 3 natural community  
 2 natural community  
 1 reptile  
 3 plant-dicot  
 1 plant-monocot

**Expert Comments**

**Forest Types** A lot of drier montane oak hickory forest; probably more than in other blocks

**All Comments** Not a lot of hardcore old growth, but quite a lot of decent middle age forest on it's way Lot of concentration of wetlands and mountains This is one of the unusual landscapes, like Pantertown, with large areas of exfoliating roack--very unique Suggest should combine with Dupont West across power line and to south with Mt. Bridge across Green River Road; need to refine northern boundaries

**Group**      19a                      **Block Name**      Dupont West

**Acres**    9826.2319                      **Hectares**    3976.534960

**Acres of largest interior roadless block**    7802.45021    79 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |      |      |                                     |
|-------------------------------|------|------|-------------------------------------|
| <b>acres of forest</b>        | 9163 | 93.3 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 30   | 0.3  | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 0    | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 244  | 2.5  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 77   | 0.8  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 298  | 3    | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 16   | 0.2  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 1**                      **Acres in Category**    171.1204                      1.7 % of block

**GAP Category 3**                      **Acres in Category**    2728.0649                      27.8 % of block

**Acres in NC Significant Natural Heritage Areas**    4000.9934                      40.7 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 22.1481             | 2                      | 2.7493            |
| 1b  | 3.1492              | 3                      | 3.1537            |
|   |                     | 6                      | 33.8625           |
|   |                     | 8                      | 2.3316            |

**Miles of Powerlines**                      0                      **Miles of Railroads**                      0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

8 amphibian  
9 natural community  
1 invertebrate-insect  
29 plant-dicot  
10 plant-monocot

**SBR Ecoregional Target Occurrences**

1 natural community  
1 natural community  
1 natural community

**Expert Comments**

**Forest Types** A lot of drier montane oak hickory forest; probably more than in other blocks

**All Comments** Not a lot of hardcore old growth, but quite a lot of decent middle age forest on it's way Lot of concentration of wetlands and mountains This is one of the unusual landscapes, like Pantertown, with large areas of exfoliating roack--very unique Suggest should combine with Dupont across power line and to south with Mt. Bridge across Green River Road; need to refine northern boundaries

**Group**      19b                      **Block Name**      Cathy's Creek

**Acres**    25807.528              **Hectares**    10443.93605

**Acres of largest interior roadless block**    10286.5552    40 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 24718 | 95.8 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 5     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 29    | 0.1  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 468   | 1.8  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 131   | 0.5  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 393   | 1.5  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 67    | 0.3  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 3**              **Acres in Category**    18757.4596              72.7 % of block

**Acres in NC Significant Natural Heritage Areas**    3416.0345              13.2 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 62.6087             | 2                      | 10.2281           |
| 1b  | 11.2898             | 3                      | 48.4835           |
|   |                     | 6                      | 38.8188           |
|   |                     | 8                      | 4.3154            |

**Miles of Powerlines**                      0              **Miles of Railroads**                      0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

- 3 amphibian
- 3 reptile
- 2 natural community
- 2 invertebrate-crustation
- 1 invertebrate-insect
- 1 plant-dicot
- 5 plant-monocot
- 1 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

- 1 natural community
- 1 reptile

**Expert Comments**

**Forest Types** NOT REVW'D

**All Comments** Mike Schafale suggested combine with Looking Glass--road boundary even less than 276 and 215

Group **19b** Block Name **N. Fork French Broad**

**Acres** 14558.776 **Hectares** 5891.727731

**Acres of largest interior roadless block** 4873.01296 33 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 12761 | 87.7 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 11    | 0.1  | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 2     | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 927   | 6.4  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 57    | 0.4  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 783   | 5.4  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 17    | 0.1  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category** 3 **Acres in Category** 7269.463 49.9 % of block

**Acres in NC Significant Natural Heritage Areas** 1164.3603 8 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 28.2437             | 2                      | 9.1789            |
| 1b  | 23.1892             | 3                      | 32.8771           |
|   |                     | 6                      | 53.9907           |
|   |                     | 8                      | 3.4196            |

**Miles of Powerlines** 0 **Miles of Railroads** 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

- 3 amphibian
- 1 reptile
- 3 natural community
- 2 invertebrate-crustation
- 1 invertebrate-insect
- 1 plant-nonvascular
- 3 plant-dicot
- 3 plant-monocot

**SBR Ecoregional Target Occurrences**

- 1 natural community
- 1 natural community
- 2 plant-dicot

**Expert Comments****Forest Types****All Comments**

**Group**      19c                      **Block Name**      Iron Mt. East

**Acres**    69166.439                      **Hectares**    27990.66493

**Acres of largest interior roadless block**    17659.0984    26 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 66062 | 95.5 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 2     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 8     | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 985   | 1.4  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 226   | 0.3  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 1930  | 2.8  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 11    | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

|                       |                          |            |      |                   |
|-----------------------|--------------------------|------------|------|-------------------|
| <b>GAP Category 1</b> | <b>Acres in Category</b> | 4548.6203  | 6.6  | <b>% of block</b> |
| <b>GAP Category 2</b> | <b>Acres in Category</b> | 28.2812    | 0    | <b>% of block</b> |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 45960.2678 | 66.4 | <b>% of block</b> |
| <b>GAP Category 4</b> | <b>Acres in Category</b> | 199.7595   | 0.3  | <b>% of block</b> |

**Acres in NC Significant Natural Heritage Areas**                      0                      0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 121.0983            | 2                      | 4.1046            |
| 1b  | 13.9811             | 3                      | 15.4059           |
| 2_  | 2.3512              | 6                      | 119.7131          |
|   |                     | 8                      | 6.5335            |
|   |                     | 9                      | 8.0615            |

**Miles of Powerlines**                      2.7656                      **Miles of Railroads**                      0

## Element Occurrences by Major Group

### Element Occurrence Summary

17 VA - no major group inf

### SBR Ecoregional Target Occurrences

2 plant-dicot

### Expert Comments

### Forest Types

### All Comments

Some of best WQ in state  
not in this block

Suggested renaming because Mt Rogers

Group **20a** Block Name **Chunky Gal**

**Acres** 51993.354 **Hectares** 21040.96398

**Acres of largest interior roadless block** 25711.9538 49 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 49558 | 95.3 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 61    | 0.1  | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 13    | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 1086  | 2.1  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 411   | 0.8  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 789   | 1.5  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 46    | 0.1  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 1** **Acres in Category** 1842.3965 3.5 % of block

**GAP Category 3** **Acres in Category** 37636.8051 72.4 % of block

**Acres in NC Significant Natural Heritage Areas** 842.5053 1.6 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 104.7852            | 2                      | 30.9156           |
| 1b  | 29.7746             | 3                      | 39.0287           |
| 2_  | 6.1637              | 6                      | 95.3008           |
|   |                     | 8                      | 0.5094            |

**Miles of Powerlines** 0 **Miles of Railroads** 0

**Element Occurrences by Major Group**

## Element Occurrence Summary

26 amphibian  
2 bird  
3 mammal  
8 reptile  
9 natural community  
10 invertebrate-insect  
13 plant-nonvascular  
1 plant-nonvascular  
25 plant-dicot  
30 plant-monocot

## SBR Ecoregional Target Occurrences

1 natural community  
2 natural community  
1 natural community  
2 natural community  
12 amphibian  
3 reptile  
3 plant-dicot  
4 plant-monocot

## Expert Comments

## Forest Types

## All Comments

Golden Winged Warblers; cerulean too Serpentine barrens--our one big ultramafic area. It is a woodland (Rx fire 15 yr. history); Bog at edge with Fires Creek (in this block, or left out of both?) "Similar environmental setting to Standing Indian" Gary K suggests should lump with Standing Indian block. But then later someone said that "the ones that go best together are Chunky Gal and Fires Creek."

**Group**      20a                      **Block Name**      Cowee

**Acres**      63642.03                      **Hectares**      25755.01574

**Acres of largest interior roadless block**      13207.9358      21 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 58407 | 91.8 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 39    | 0.1  | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 22    | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 2447  | 3.8  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 974   | 1.5  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 1698  | 2.7  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 46    | 0.1  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 3**                      **Acres in Category**      20753.8919                      32.6 % of block

**GAP Category 4**                      **Acres in Category**      355.9375                      0.6 % of block

**Acres in NC Significant Natural Heritage Areas**      2728.4052                      4.3 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 68.3282             | 2                      | 35.0875           |
| 1b  | 37.3775             | 3                      | 53.3644           |
| 2_  | 16.1527             | 6                      | 256.6329          |
| 3a  | 0.8755              | 8                      | 1.7281            |

**Miles of Powerlines**                      37.6624                      **Miles of Railroads**                      0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

2 amphibian  
 1 bird  
 2 fish  
 1 mammal  
 6 reptile  
 37 natural community  
 3 invertebrate-crustation  
 2 invertebrate-insect  
 14 plant-nonvascular  
 3 plant-nonvascular  
 43 plant-dicot  
 19 plant-monocot  
 1 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

2 natural community  
 1 natural community  
 10 natural community  
 1 natural community  
 4 natural community  
 1 reptile  
 1 invertebrate-crustation

**Expert Comments****Forest Types****All Comments**

Lots of ridgetop high end development on the Macon County side. Higher elevations of Cowees have significant "older growth" of [??] forest type Includes outcroppings of mafic rock and smaller ultramafic Note: some snha's got clipped out of SE side of block. Suggest cutting out lot of development west of Lake Glenville

Group **20a** Block Name **Tri-County**

Acres **68618.557** Hectares **27768.94500**

Acres of largest interior roadless block **24190.4447** **35 % of block the largest interior block occupies**

**National Land Cover Dataset General Categories**

|                        |       |                                  |
|------------------------|-------|----------------------------------|
| acres of forest        | 63137 | 92 % of forest in block          |
| acres of water         | 0     | 0 % of water in block            |
| acres of rock and sand | 38    | 0.1 % of rock and sand in block  |
| acres developed        | 2581  | 3.8 % of developed in block      |
| acres shrub and herb   | 979   | 1.4 % of shrub and herb in block |
| acres agriculture      | 1853  | 2.7 % of agriculture in block    |
| acres wetland          | 4     | 0 % of wetlands in block         |

**Secured Areas Summary of Block**

GAP Category **3** Acres in Category **14794.333** **21.6 % of block**

Acres in NC Significant Natural Heritage Areas **2188.51** **3.2 % of block in NC Sig. Nat. Her. Area**

**Linear Features**

**Length of Rivers and Streams in Blocks**

**Stream Class Stream Miles**

1a 123.8841

1b 23.9527

**Roads in Blocks**

**Road Class Road Miles**

1 6.8453

2 33.9855

3 14.171

4 1.1632

6 241.8783

8 1.7779

**Miles of Powerlines**

**24.922**

**Miles of Railroads**

**0**

## Element Occurrences by Major Group

### Element Occurrence Summary

2 amphibian  
2 bird  
1 mammal  
1 reptile  
6 natural community  
1 plant-nonvascular  
12 plant-dicot  
3 plant-monocot

### SBR Ecoregional Target Occurrences

1 natural community  
2 natural community  
2 natural community  
1 natural community  
1 natural community  
1 natural community  
1 reptile

### Expert Comments

**Forest Types** Disjunct Spruce on high ridge; patches of N H; quite a bit of White Pine stands

**All Comments** Some big timber projects on public land: Welch, County Line. Mixed bag. Core on public land, despite big timber sales, but not super big. Rare spp. assoc. with spruce forest Viewed as a bridge between Nantahala Mtns and Cowees, though "lots of nice stuff there" in its own right. "Based on lack of info regarding this block, it may not be as compelling, compared with others we've done; we don't have much info about it." Suggest cutting out area of significant parcelization along Alarka Road.

**Group**      20b                      **Block Name**      Big Laurel

**Acres**    49652.696                      **Hectares**    20093.73318

**Acres of largest interior roadless block**    20321.3299    41 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 44634 | 89.9 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 1     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 68    | 0.1  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 1397  | 2.8  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 891   | 1.8  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 2676  | 5.4  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 1     | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 3**                      **Acres in Category**    5099.9571                      10.3 % of block

**Acres in NC Significant Natural Heritage Areas**    757.6121                      1.5 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 85.8591             | 1                      | 6.4732            |
| 1b  | 26.3818             | 3                      | 25.5003           |
| 2_  | 2.378               | 4                      | 1.4916            |
|   |                     | 6                      | 108.8501          |
|   |                     | 8                      | 3.4395            |
|   |                     | 9                      | 2.8173            |

**Miles of Powerlines**                      0                      **Miles of Railroads**                      0

## Element Occurrences by Major Group

### Element Occurrence Summary

9 amphibian  
1 fish  
2 natural community  
5 invertebrate-mollusk  
2 plant-dicot  
1 plant-monocot

### SBR Ecoregional Target Occurrences

1 natural community  
1 natural community  
2 plant-dicot

### Expert Comments

**Forest Types** NOT REVW'D

### All Comments

Lots of ag in the valleys within the block Outstanding Resource Waters in Big Laurel; Forests not as extensive or as good a shape as other blocks  
Not much public land (maybe 1000 ac along A.T.); maybe a few easements  
Shouldn't be as high a priority as others.

Group **20b** Block Name **Hurricane Mts.**

**Acres** 39757.375 **Hectares** 16089.23864

**Acres of largest interior roadless block** 16183.3277 41 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 34838 | 87.6 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 1     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 20    | 0.1  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 1334  | 3.4  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 440   | 1.1  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 3119  | 7.8  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 5     | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category** 3 **Acres in Category** 11308.8916 28.4 % of block

**Acres in NC Significant Natural Heritage Areas** 1080.8894 2.7 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 71.636              | 1                      | 14.2236           |
| 1b  | 24.1477             | 3                      | 57.3913           |
|   |                     | 4                      | 0.5747            |
|   |                     | 6                      | 97.6565           |
|   |                     | 8                      | 1.0911            |

**Miles of Powerlines** 9.5156 **Miles of Railroads** 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

- 1 amphibian
- 2 bird
- 1 mammal
- 11 natural community
- 1 invertebrate-insect
- 18 plant-dicot

**SBR Ecoregional Target Occurrences**

- 1 natural community
- 3 natural community
- 1 natural community
- 2 natural community
- 1 natural community
- 1 plant-dicot

**Expert Comments**

**Forest Types** Lot of CH O forest

**All Comments** Lots of fields and fragmentation at southern end. Quite a bit of logging here even in NF. Forest condition quite variable--"some is battered." Lower percentage of really good forest in this block compared with others. Lots of GWW's, esp. on pvt. land; zigzag salamanders; "interesting" bat spp. Purportedly the biggest population density of Pawlonia in N. America; also, garlic mustard bad here. Some very nice natural areas in this block. Very similar geology with Max Patch. Suggest should be lumped with Max Patch & Harmon Den--only dirt roads separating them. Might want to adjust southern boundary to just top of Hurricane Ridge

Group **20b** Block Name **Pond Mt.**

**Acres** 69800.228 **Hectares** 28247.15022

**Acres of largest interior roadless block** 12865.4984 18 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 61751 | 88.5 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 6     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 107   | 0.2  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 2845  | 4.1  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 1407  | 2    | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 3635  | 5.2  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 91    | 0.1  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

|                       |                          |           |                 |
|-----------------------|--------------------------|-----------|-----------------|
| <b>GAP Category 1</b> | <b>Acres in Category</b> | 6963.6465 | 10 % of block   |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 26483.039 | 37.9 % of block |

**Acres in NC Significant Natural Heritage Areas** 0 0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 111.0516            | 10                     | 10.0131           |
| 1b  | 23.1142             | 2                      | 46.0945           |
| 2_  | 23.6263             | 3                      | 3.2425            |
|   |                     | 5                      | 0.0321            |
|   |                     | 6                      | 182.5951          |
|   |                     | 8                      | 2.962             |
|   |                     | 9                      | 5.5399            |

**Miles of Powerlines**

8.3922

**Miles of Railroads**

0

### **Element Occurrences by Major Group**

#### **Element Occurrence Summary**

#### **SBR Ecoregional Target Occurrences**

|                         |                     |
|-------------------------|---------------------|
| 7 amphibian             | 2 natural community |
| 5 bird                  | 1 natural community |
| 43 fish                 | 1 natural community |
| 8 mammal                | 2 natural community |
| 1 reptile               | 1 natural community |
| 4 invertebrate-insect   | 1 natural community |
| 11 invertebrate-mollusk | 1 natural community |
| 103 plant-dicot         | 1 natural community |
| 38 plant-gymnosperm     | 1 amphibian         |
| 124 plant-monocot       | 1 plant-dicot       |
| 6 plant-fern/spleenwort |                     |

#### **Expert Comments**

**Forest Types** "Potentially pure" red spruce community. "Some neat hardwood forests."

**All Comments** Mostly intact and NF land. Lots of fields N of 19E; mostly valleys in NC part: fragmented; Elk River Gorge "really nice" One powerline on TN side. Not much timber harvest in much of NF. Especially not much in eastern half of FS ownership in block. Some big trees, but not really O G Catastrophic fire from mid 20's, destroying logging road infrastructure Sawwhet owls. Heath bald. Forested bog (Jones Branch Bog--23 ac.--high quality). Mostly FS--including big Wilderness. "Like the amphibolites without the unique mountains"

**Group**      20b                      **Block Name**      Unaka Mt. Wilderness

**Acres**    46593.914                      **Hectares**    18855.88792

**Acres of largest interior roadless block**    25745.2654    55 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 42532 | 91.3 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 0     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 74    | 0.2  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 1098  | 2.4  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 793   | 1.7  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 2109  | 4.5  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 4     | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 1**              **Acres in Category**    4465.0031              9.6 % of block

**GAP Category 3**              **Acres in Category**    17757.6513              38.1 % of block

**Acres in NC Significant Natural Heritage Areas**    373.0197              0.8 % of block in NC Sig. Nat. Her. Area

**Linear Features**

**Length of Rivers and Streams in Blocks**

**Stream Class    Stream Miles**

1a                      90.8225

1b                      24.4773

2\_                      2.9171

**Roads in Blocks**

**Road Class    Road Miles**

3                      55.7025

6                      80.293

8                      2.6962

9                      0.531

**Miles of Powerlines**              10.5999

**Miles of Railroads**              2.4922

**Element Occurrences by Major Group**

**Element Occurrence Summary**

73 amphibian  
6 bird  
8 fish  
59 mammal  
3 natural community  
4 invertebrate-insect  
10 invertebrate-mollusk  
30 plant-dicot  
34 plant-monocot  
2 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

3 natural community  
1 natural community  
1 natural community  
10 amphibian  
10 mammal  
1 plant-dicot

**Expert Comments**

**Group**      21                      **Block Name**      Glade Mt.

**Acres**      32183.73                      **Hectares**      13024.29341

**Acres of largest interior roadless block**      8368.75671      26 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 28485 | 88.5 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 0     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 27    | 0.1  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 448   | 1.4  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 62    | 0.2  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 741   | 2.3  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 6     | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 3**                      **Acres in Category**      20040.9222                      62.3 % of block

**GAP Category 4**                      **Acres in Category**      2656.7569                      8.3 % of block

**Acres in NC Significant  
Natural Heritage Areas**                      0                      0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 41.2292             | 1                      | 0.0408            |
| 1b  | 6.2839              | 10                     | 2.7272            |
| 2_  | 2.2046              | 3                      | 6.5184            |
|   |                     | 4                      | 0.0119            |
|   |                     | 6                      | 52.5978           |
|   |                     | 8                      | 9.8913            |
|   |                     | 9                      | 3.3697            |

**Miles of Powerlines**

0.3977

**Miles of Railroads**

0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

**SBR Ecoregional Target Occurrences**

8 VA - no major group inf

**Expert Comments**

**Forest Types** Montane Oak; HERO, poplar coves; lot of rhododendron

**All Comments** Lot of past logging, highly disturbed "Mature forest, but nothing you'd call old growth." Mining at southern part on Pugh Mtn and on eastern end--reclaimed. Lot of autumn olive 3000 acre pvt property, camp (CE on it); USFS NOTE: Completely outside of SBR boundary. It's Ridge and Valley. A lot of bear get hit on I-81 on N side of this block

Group **21** Block Name **Mt. Rogers**

**Acres** 75884.089 **Hectares** 30709.20122

**Acres of largest interior roadless block** 34680.8022 46 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 70859 | 93.4 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 9     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 111   | 0.1  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 974   | 1.3  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 1022  | 1.3  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 2916  | 3.8  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 16    | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

|                       |                          |            |      |                   |
|-----------------------|--------------------------|------------|------|-------------------|
| <b>GAP Category 1</b> | <b>Acres in Category</b> | 9382.3876  | 12.4 | <b>% of block</b> |
| <b>GAP Category 2</b> | <b>Acres in Category</b> | 4569.4686  | 6    | <b>% of block</b> |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 47973.3102 | 63.2 | <b>% of block</b> |

**Acres in NC Significant Natural Heritage Areas** 0 0 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 123.5282            | 2                      | 20.7454           |
| 1b  | 25.5018             | 3                      | 10.2987           |
| 2_  | 4.2697              | 6                      | 132.6443          |
|   |                     | 8                      | 8.6664            |

**Miles of Powerlines** 0 **Miles of Railroads** 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

127 VA - no major group inf

**SBR Ecoregional Target Occurrences**

- 6 natural community
- 1 natural community
- 3 natural community
- 3 natural community
- 1 natural community
- 4 natural community
- 10 amphibian
- 5 plant-dicot
- 2 plant-monocot

**Expert Comments**

**Forest Types**

**All Comments**

Group **22a** Block Name **Big Bald**

Acres **32524.455** Hectares **13162.1799**

Acres of largest interior roadless block **19394.5565** **60** % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |      |                              |
|------------------------|-------|------|------------------------------|
| acres of forest        | 29308 | 90.1 | % of forest in block         |
| acres of water         | 0     | 0    | % of water in block          |
| acres of rock and sand | 16    | 0    | % of rock and sand in block  |
| acres developed        | 1148  | 3.5  | % of developed in block      |
| acres shrub and herb   | 405   | 1.2  | % of shrub and herb in block |
| acres agriculture      | 1659  | 5.1  | % of agriculture in block    |
| acres wetland          | 0     | 0    | % of wetlands in block       |

**Secured Areas Summary of Block**

GAP Category **3** Acres in Category **6498.4137** **20** % of block

Acres in NC Significant Natural Heritage Areas **571.1141** **1.8** % of block in NC Sig. Nat. Her. Area

**Linear Features**

| Length of Rivers and Streams in Blocks |              | Roads in Blocks |            |
|--|--------------|-----------------|------------|
| Stream Class                           | Stream Miles | Road Class      | Road Miles |
| 1a                                     | 62.7007      | 2               | 43.5623    |
| 1b                                     | 12.5354      | 3               | 1.6035     |
| 2_                                     | 12.0425      | 6               | 67.1335    |
|  |              | 8               | 0.4802     |
|  |              | 9               | 1.4358     |

Miles of Powerlines **0** Miles of Railroads **0**

**Element Occurrences by Major Group**

**Element Occurrence Summary**

- 2 amphibian
- 4 bird
- 14 fish
- 1 mammal
- 6 invertebrate-mollusk
- 1 plant-nonvascular
- 20 plant-dicot
- 1 plant-gymnosperm
- 8 plant-monocot

**SBR Ecoregional Target Occurrences**

- 1 natural community
- 1 natural community
- 1 natural community
- 2 fish
- 2 plant-dicot

**Expert Comments****Forest Types****All Comments**

Pvt land in Yancey Co. very fragmented; So. App. Hardwood boulderfield forest (G3) very high quality at East Fork of Higgins Creek (age & structure uncommon for this region) 19W may or may not be fragmenter w/ Nolichucky block; way less busy than Bl. Ridge Pkwy by long shot

Group 22a Block Name Roan Mt West

Acres 55225.045 Hectares 22348.78281

Acres of largest interior roadless block 19463.3852 35 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |      |                              |
|------------------------|-------|------|------------------------------|
| acres of forest        | 49447 | 89.5 | % of forest in block         |
| acres of water         | 59    | 0.1  | % of water in block          |
| acres of rock and sand | 311   | 0.6  | % of rock and sand in block  |
| acres developed        | 1684  | 3    | % of developed in block      |
| acres shrub and herb   | 640   | 1.2  | % of shrub and herb in block |
| acres agriculture      | 3093  | 5.6  | % of agriculture in block    |
| acres wetland          | 19    | 0    | % of wetlands in block       |

**Secured Areas Summary of Block**

|                |                   |            |                 |
|----------------|-------------------|------------|-----------------|
| GAP Category 1 | Acres in Category | 686.3392   | 1.2 % of block  |
| GAP Category 2 | Acres in Category | 1492.166   | 2.7 % of block  |
| GAP Category 3 | Acres in Category | 18042.4496 | 32.7 % of block |

Acres in NC Significant Natural Heritage Areas 5599.295 10.1 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| Length of Rivers and Streams in Blocks |              | Roads in Blocks |            |
|--|--------------|-----------------|------------|
| Stream Class                           | Stream Miles | Road Class      | Road Miles |
| 1a                                     | 105.7374     | 2               | 8.572      |
| 1b                                     | 26.0906      | 3               | 65.1709    |
| 2_                                     | 4.1234       | 6               | 134.7166   |
|  |              | 8               | 0.754      |
|  |              | 9               | 4.0967     |

Miles of Powerlines 0 Miles of Railroads 0

**Element Occurrences by Major Group**

## Element Occurrence Summary

149 amphibian  
17 bird  
25 fish  
48 mammal  
20 natural community  
1 invertebrate-insect  
7 invertebrate-arachnid  
43 invertebrate-mollusk  
2 invertebrate-tardigrade  
19 plant-nonvascular  
13 plant-nonvascular  
105 plant-dicot  
3 plant-gymnosperm  
124 plant-monocot  
19 plant-fern/spleenwort

## SBR Ecoregional Target Occurrences

5 natural community  
5 natural community  
1 natural community  
1 natural community  
1 natural community  
2 natural community  
2 natural community  
1 natural community  
1 amphibian  
17 mammal  
1 plant-nonvascular  
2 plant-nonvascular  
23 plant-dicot  
10 plant-monocot

## Expert Comments

**Forest Types** S F; N H; HERO

## All Comments

18 State and Federal listed species High elev rocky summits. Natural communities here are high quality, including forests. Ripshin bog at north end? Moffett Laurel Botanical Area (608 ac) has one of most mesic forest areas--swamp forest-bog complex, high elev seep. Boulderfield forest. suggested we combine Roan East and West

Group **22b** Block Name **Cullasaja**

Acres **32973.532** Hectares **13343.91489**

Acres of largest interior roadless block **25535.0064** **77** % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |      |                              |
|------------------------|-------|------|------------------------------|
| acres of forest        | 30579 | 92.7 | % of forest in block         |
| acres of water         | 2     | 0    | % of water in block          |
| acres of rock and sand | 32    | 0.1  | % of rock and sand in block  |
| acres developed        | 981   | 3    | % of developed in block      |
| acres shrub and herb   | 530   | 1.6  | % of shrub and herb in block |
| acres agriculture      | 830   | 2.5  | % of agriculture in block    |
| acres wetland          | 13    | 0    | % of wetlands in block       |

**Secured Areas Summary of Block**

GAP Category **3** Acres in Category **15614.3174** **47.4** % of block

Acres in NC Significant Natural Heritage Areas **4472.9801** **13.6** % of block in NC Sig. Nat. Her. Area

**Linear Features**

| Length of Rivers and Streams in Blocks |              | Roads in Blocks |            |
|--|--------------|-----------------|------------|
| Stream Class                           | Stream Miles | Road Class      | Road Miles |
| 1a                                     | 42.554       | 2               | 13.3482    |
| 1b                                     | 16.5002      | 3               | 16.9131    |
| 2_                                     | 0.6083       | 6               | 112.407    |
|  |              | 8               | 0.057      |

Miles of Powerlines **0** Miles of Railroads **0**

**Element Occurrences by Major Group**

**Element Occurrence Summary**

1 bird  
 3 mammal  
 5 reptile  
 38 natural community  
 9 invertebrate-insect  
 38 plant-nonvascular  
 6 plant-nonvascular  
 35 plant-dicot  
 4 plant-monocot  
 9 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

3 natural community  
 1 natural community  
 6 natural community  
 1 natural community  
 5 natural community  
 4 natural community  
 1 natural community  
 2 natural community  
 4 mammal  
 3 reptile  
 1 invertebrate-insect  
 3 plant-dicot  
 1 plant-fern/spleenwort

**Expert Comments**

**Forest Types** Lots of different types of forest (CH O, etc.)

**All Comments** Road through gorge--goes between inhabited areas--lots of traffic, even at night "Lots of good forest, especially in the gorge" Invasives issues in the gorge A lot of snha's in this block; Prominent spray cliffs; @ "the Fishhawks," lots of interesting mafic communities; prominent rock outcrops at Scaly Mtn and Little Scaly

**Group**      22b                      **Block Name**      PantherTown Valley

**Acres**    49657.578                      **Hectares**    20095.70897

**Acres of largest interior roadless block**    13995.6672    28 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 44945 | 90.5 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 93    | 0.2  | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 113   | 0.2  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 1576  | 3.2  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 1036  | 2.1  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 1853  | 3.7  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 32    | 0.1  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 3**                      **Acres in Category**    13073.76                      26.3 % of block

**Acres in NC Significant Natural Heritage Areas**    14282.9215                      28.8 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 70.5217             | 10                     | 0.0948            |
| 1b  | 28.8666             | 2                      | 11.1102           |
| 2_  | 2.7664              | 3                      | 51.8521           |
|   |                     | 6                      | 161.5562          |
|   |                     | 8                      | 4.6794            |

**Miles of Powerlines**                      32.3203                      **Miles of Railroads**                      0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

5 amphibian  
 1 bird  
 5 reptile  
 74 natural community  
 5 invertebrate-insect  
 31 plant-nonvascular  
 6 plant-nonvascular  
 62 plant-dicot  
 7 plant-monocot  
 18 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

2 natural community  
 1 natural community  
 6 natural community  
 3 natural community  
 3 natural community  
 4 natural community  
 9 natural community  
 3 natural community  
 3 natural community  
 1 natural community  
 2 amphibian  
 1 reptile  
 3 plant-nonvascular  
 5 plant-nonvascular  
 1 plant-dicot  
 3 plant-fern/spleenwort

**Expert Comments**

**Forest Types** Includes some white pine plantation

**All Comments** Outstanding Resource Waters; Lot of prior "land use history" on NF; fairly disturbed, but recovering. NF; Includes some large CE's held by SAHC  
 Questioned similarity of Panthertown and Standing Indian Recommendation that we split out some development along western side

**Group**      22b                      **Block Name**      Pink Beds

**Acres**    57300.111                      **Hectares**    23188.53239

**Acres of largest interior roadless block**    31636.1422    55 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 55137 | 96.2 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 2     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 10    | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 1056  | 1.8  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 290   | 0.5  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 740   | 1.3  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 77    | 0.1  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 2**                      **Acres in Category**    645.6875                      1.1 % of block

**GAP Category 3**                      **Acres in Category**    45734.7554                      79.8 % of block

**Acres in NC Significant Natural Heritage Areas**    12971.31                      22.6 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 116.0802            | 2                      | 51.8724           |
| 1b  | 37.7541             | 6                      | 58.9402           |
|   |                     | 8                      | 0.2386            |

**Miles of Powerlines**                      15.7371                      **Miles of Railroads**                      0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

16 amphibian  
1 bird  
1 fish  
3 mammal  
2 reptile  
42 natural community  
1 invertebrate-insect  
4 plant-nonvascular  
35 plant-dicot  
19 plant-monocot  
1 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

3 natural community  
1 natural community  
1 natural community  
1 natural community  
1 natural community  
2 natural community  
3 natural community  
1 reptile  
4 plant-dicot  
6 plant-monocot

**Expert Comments**

**Forest Types** NOT REVW'D

**All Comments**

**Group**      22b                      **Block Name**      Standing Indian

**Acres**    95508.166                      **Hectares**    38650.78352

**Acres of largest interior roadless block**    57584.6875    60 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |                                  |
|-------------------------------|-------|----------------------------------|
| <b>acres of forest</b>        | 92530 | 96.9 % of forest in block        |
| <b>acres of water</b>         | 2     | 0 % of water in block            |
| <b>acres of rock and sand</b> | 1     | 0 % of rock and sand in block    |
| <b>acres developed</b>        | 1408  | 1.5 % of developed in block      |
| <b>acres shrub and herb</b>   | 743   | 0.8 % of shrub and herb in block |
| <b>acres agriculture</b>      | 723   | 0.8 % of agriculture in block    |
| <b>acres wetland</b>          | 59    | 0.1 % of wetlands in block       |

**Secured Areas Summary of Block**

|                       |                          |            |                 |
|-----------------------|--------------------------|------------|-----------------|
| <b>GAP Category 1</b> | <b>Acres in Category</b> | 11625.9572 | 12.2 % of block |
| <b>GAP Category 2</b> | <b>Acres in Category</b> | 315.1225   | 0.3 % of block  |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 69154.8203 | 72.4 % of block |

**Acres in NC Significant Natural Heritage Areas**    4332.4914                      4.5 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 169.4716            | 10                     | 11.5866           |
| 1b  | 32.1615             | 2                      | 43.4757           |
|   |                     | 6                      | 121.7172          |
|   |                     | 8                      | 5.1297            |
|   |                     | 9                      | 3.6031            |

**Miles of Powerlines**                      0                      **Miles of Railroads**                      0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

29 amphibian  
 5 bird  
 9 fish  
 19 mammal  
 7 reptile  
 33 natural community  
 1 natural community  
 2 invertebrate-insect  
 8 plant-nonvascular  
 1 plant-nonvascular  
 70 plant-dicot  
 60 plant-monocot  
 2 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

1 natural community  
 9 natural community  
 3 natural community  
 2 natural community  
 1 natural community  
 1 natural community  
 4 natural community  
 1 natural community  
 3 natural community  
 2 natural community  
 4 natural community  
 4 natural community  
 4 natural community  
 3 amphibian  
 11 mammal  
 5 reptile  
 2 plant-dicot

**Expert Comments****Forest Types** N H**All Comments**

Pretty difficult. No unusual logging history. "Large extent of old growth throughout" Doing a little bit of cutting for early successional habitat (grouse mgmt) in a few places. Crossbills, creeper (???) Golden Winged Warblers. Rare lichens related to Buck Creek Serpentine Barrens. Only Ga. state EO for water shrew. Small whorled pogonia--Plum Orchard Gap. Cedar glades; large swamp bog complex along Nantahala River. Cliff on Hightower Bald. Buck Creek Serpentine Barrens Southern Nantahala Wilderness in upper third in Ga. along NC line. Ga. Wildlife Federation owns a piece of property in block. questioned similarity of Panthertown and Standing Indian Gary K suggests should lump with Chunky Gal block. Rocky Knob is north of the block--suggested should include that. Ga. experts say look at east boundary--FS land excluded

Group 23 Block Name Looking Glass

Acres 20438.946 Hectares 8271.348071

Acres of largest interior roadless block 17233.9254 84 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |      |                              |
|------------------------|-------|------|------------------------------|
| acres of forest        | 19480 | 95.3 | % of forest in block         |
| acres of water         | 0     | 0    | % of water in block          |
| acres of rock and sand | 25    | 0.1  | % of rock and sand in block  |
| acres developed        | 610   | 3    | % of developed in block      |
| acres shrub and herb   | 141   | 0.7  | % of shrub and herb in block |
| acres agriculture      | 182   | 0.9  | % of agriculture in block    |
| acres wetland          | 0     | 0    | % of wetlands in block       |

**Secured Areas Summary of Block**

GAP Category 2 Acres in Category 350.179 1.7 % of block

GAP Category 3 Acres in Category 19216.6433 94 % of block

Acres in NC Significant Natural Heritage Areas 10667.7171 52.2 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| Length of Rivers and Streams in Blocks |              | Roads in Blocks |            |
|--|--------------|-----------------|------------|
| Stream Class                           | Stream Miles | Road Class      | Road Miles |
| 1a                                     | 47.0058      | 2               | 25.8908    |
| 1b                                     | 5.5578       | 3               | 27.4405    |
|  |              | 6               | 19.2663    |
|  |              | 8               | 1.3573     |

Miles of Powerlines 12.6265 Miles of Railroads 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

4 bird  
21 natural community  
1 invertebrate-insect  
11 plant-nonvascular  
33 plant-dicot  
8 plant-monocot  
1 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

2 natural community  
1 natural community  
1 natural community  
1 natural community  
2 mammal  
1 plant-nonvascular  
1 plant-dicot  
1 plant-monocot

**Expert Comments****Forest Types****All Comments**

Suggest combine with Pink Beds--"276 not enough of a barrier"  
(but, on other hand, gets lots of traffic all the way up to the top)

Group **23** Block Name **Mt. Pisgah**

**Acres** 14202.11 **Hectares** 5747.389892

**Acres of largest interior roadless block** 8194.42459 58 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 13159 | 92.7 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 0     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 2     | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 540   | 3.8  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 117   | 0.8  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 385   | 2.7  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 1     | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 2 Acres in Category** 689.5951 4.9 % of block

**GAP Category 3 Acres in Category** 3163.4554 22.3 % of block

**Acres in NC Significant Natural Heritage Areas** 1385.8627 9.8 % of block in NC Sig. Nat. Her. Area

**Linear Features**

**Length of Rivers and Streams in Blocks**

**Stream Class Stream Miles**

1a 25.5236

1b 12.7821

**Roads in Blocks**

**Road Class Road Miles**

10 0.2066

2 27.059

3 3.8575

6 43.0521

8 0.1256

**Miles of Powerlines** 12.6265

**Miles of Railroads** 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

- 1 bird
- 4 mammal
- 7 natural community
- 3 invertebrate-mollusk
- 2 plant-nonvascular
- 2 plant-nonvascular
- 5 plant-dicot
- 3 plant-monocot

**SBR Ecoregional Target Occurrences**

- 1 natural community
- 3 natural community
- 1 natural community
- 1 natural community
- 2 natural community
- 1 natural community
- 2 natural community
- 2 mammal
- 1 plant-monocot

**Expert Comments****Forest Types****All Comments**

Gary Kauffman: if megablock, should call it the "Oriental Bittersweet Megablock" Suggested should be lumped with others--276 carries more traffic than 215

Group **23** Block Name **Roy Taylor**

Acres 93625.250 Hectares 37888.79461

Acres of largest interior roadless block 40729.9062 44 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                        |       |      |                              |
|------------------------|-------|------|------------------------------|
| acres of forest        | 86404 | 92.3 | % of forest in block         |
| acres of water         | 43    | 0    | % of water in block          |
| acres of rock and sand | 41    | 0    | % of rock and sand in block  |
| acres developed        | 2562  | 2.7  | % of developed in block      |
| acres shrub and herb   | 1421  | 1.5  | % of shrub and herb in block |
| acres agriculture      | 3115  | 3.3  | % of agriculture in block    |
| acres wetland          | 32    | 0    | % of wetlands in block       |

**Secured Areas Summary of Block**

GAP Category 2 Acres in Category 1642.7162 1.8 % of block

GAP Category 3 Acres in Category 44882.0171 47.9 % of block

**Acres in NC Significant  
Natural Heritage Areas**

9914.7422 10.6 % of block in NC Sig. Nat. Her. Area

**Linear Features**

**Length of Rivers and Streams in Blocks**

Stream Class Stream Miles

1a 115.0928

1b 60.3885

2\_ 4.2923

**Roads in Blocks**

Road Class Road Miles

10 0.4456

2 55.0899

3 64.3715

6 272.7552

8 10.1867

Miles of Powerlines

0

Miles of Railroads

6.51

**Element Occurrences by Major Group**

**Element Occurrence Summary**

3 amphibian  
 5 bird  
 15 fish  
 17 mammal  
 1 reptile  
 59 natural community  
 2 invertebrate-insect  
 13 plant-nonvascular  
 3 plant-nonvascular  
 68 plant-dicot  
 15 plant-monocot  
 1 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

6 natural community  
 2 natural community  
 7 natural community  
 5 natural community  
 5 natural community  
 4 natural community  
 4 natural community  
 5 natural community  
 1 natural community  
 4 natural community  
 3 natural community  
 2 natural community  
 1 natural community  
 3 natural community  
 3 mammal  
 1 plant-nonvascular  
 6 plant-dicot  
 2 plant-monocot

**Expert Comments**

**Forest Types** Lower parts quite different from top (goes up to spruce fir)

**All Comments** "Much more fragmented"; but suits concept of working forest around core  
 Considerable amount of roads (but are they just old logging roads?) Lower part,  
 lot of small valleys with fields, but ridges with forests between them.  
 Suggested all parkway blocks be combined in this area, as well as blocks  
 divided by Hwy 215 and 276

Group **24** Block Name **Richland Balsam**

**Acres** 30703.727 **Hectares** 12425.35756

**Acres of largest interior roadless block** 18049.2015 59 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 29212 | 95.1 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 50    | 0.2  | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 18    | 0.1  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 826   | 2.7  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 329   | 1.1  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 268   | 0.9  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 0     | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

|                       |                          |           |                 |
|-----------------------|--------------------------|-----------|-----------------|
| <b>GAP Category 2</b> | <b>Acres in Category</b> | 1035.4445 | 3.4 % of block  |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 24523.363 | 79.9 % of block |
| <b>GAP Category 4</b> | <b>Acres in Category</b> | 452.5772  | 1.5 % of block  |

**Acres in NC Significant Natural Heritage Areas** 6735.326 21.9 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 54.083              | 2                      | 32.1472           |
| 1b  | 9.3652              | 3                      | 36.9436           |
| 2_  | 1.8791              | 5                      | 0.0945            |
|   |                     | 6                      | 56.4032           |
|   |                     | 8                      | 1.3154            |

**Miles of Powerlines** 0.0729 **Miles of Railroads** 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

1 amphibian  
7 bird  
19 mammal  
26 natural community  
1 invertebrate-insect  
5 plant-nonvascular  
1 plant-nonvascular  
17 plant-dicot  
8 plant-monocot  
2 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

4 natural community  
2 natural community  
3 natural community  
1 natural community  
2 natural community  
1 natural community  
2 natural community  
1 natural community  
4 natural community  
3 mammal  
4 plant-nonvascular  
1 plant-dicot  
2 plant-monocot

**Expert Comments**

**Forest Types** NOT REVW'D

**All Comments** Suggested combo into megablock

Group **24** Block Name **Shining Rock**

**Acres** 35818.177 **Hectares** 14495.10216

**Acres of largest interior roadless block** 31825.3903 89 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 33535 | 93.6 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 2     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 6     | 0    | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 737   | 2.1  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 1111  | 3.1  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 410   | 1.1  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 18    | 0.1  | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

**GAP Category 2 Acres in Category** 581.3312 1.6 % of block

**GAP Category 3 Acres in Category** 26967.7899 75.3 % of block

**Acres in NC Significant  
Natural Heritage Areas**

20789.8744 58 % of block in NC Sig. Nat. Her. Area

**Linear Features**

**Length of Rivers and Streams in Blocks**

**Stream Class Stream Miles**

1a 68.7109

1b 18.8013

**Roads in Blocks**

**Road Class Road Miles**

2 24.8577

3 52.6491

6 79.2521

8 0.2714

**Miles of Powerlines** 12.6265

**Miles of Railroads** 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

1 amphibian  
10 bird  
42 mammal  
1 reptile  
9 natural community  
1 invertebrate-insect  
4 plant-nonvascular  
2 plant-nonvascular  
10 plant-dicot  
4 plant-monocot  
3 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

2 natural community  
2 natural community  
2 natural community  
1 natural community  
2 natural community  
1 natural community  
1 natural community  
4 natural community  
1 natural community  
1 natural community  
2 natural community  
3 natural community  
6 mammal  
2 plant-nonvascular  
2 plant-monocot

**Expert Comments**

**Forest Types** NOT REVW'D

**All Comments** Suggested combo into megablock

Group **25** Block Name **Amphibolite Mts.**

Acres **51023.24** Hectares **20648.37256**

Acres of largest interior roadless block **16528.1108** **32 % of block the largest interior block occupies**

**National Land Cover Dataset General Categories**

|                        |       |                                  |
|------------------------|-------|----------------------------------|
| acres of forest        | 45904 | 90 % of forest in block          |
| acres of water         | 2     | 0 % of water in block            |
| acres of rock and sand | 55    | 0.1 % of rock and sand in block  |
| acres developed        | 801   | 1.6 % of developed in block      |
| acres shrub and herb   | 1332  | 2.6 % of shrub and herb in block |
| acres agriculture      | 2925  | 5.7 % of agriculture in block    |
| acres wetland          | 39    | 0.1 % of wetlands in block       |

**Secured Areas Summary of Block**

|                |                   |           |                |
|----------------|-------------------|-----------|----------------|
| GAP Category 1 | Acres in Category | 3000.5565 | 5.9 % of block |
| GAP Category 2 | Acres in Category | 2695.6103 | 5.3 % of block |
| GAP Category 3 | Acres in Category | 3658.6278 | 7.2 % of block |

Acres in NC Significant Natural Heritage Areas **23296.7609** **45.7 % of block in NC Sig. Nat. Her. Area**

**Linear Features**

| Length of Rivers and Streams in Blocks |              | Roads in Blocks |            |
|--|--------------|-----------------|------------|
| Stream Class                           | Stream Miles | Road Class      | Road Miles |
| 1a                                     | 43.3004      | 3               | 5.8172     |
| 1b                                     | 20.8676      | 6               | 107.2953   |
| 2_                                     | 2.5875       | 8               | 1.1345     |

Miles of Powerlines **0** Miles of Railroads **0**

**Element Occurrences by Major Group**

## Element Occurrence Summary

5 amphibian  
16 bird  
3 fish  
2 mammal  
7 reptile  
93 natural community  
2 invertebrate-insect  
22 plant-nonvascular  
7 plant-nonvascular  
158 plant-dicot  
3 plant-gymnosperm  
101 plant-monocot  
3 plant-fern/spleenwort

## SBR Ecoregional Target Occurrences

2 natural community  
2 natural community  
4 natural community  
1 natural community  
1 natural community  
2 natural community  
1 natural community  
1 natural community  
3 natural community  
6 natural community  
1 natural community  
6 natural community  
3 natural community  
4 natural community  
1 mammal  
2 reptile  
2 plant-nonvascular  
21 plant-dicot  
14 plant-monocot  
1 plant-fern/spleenwort

## Expert Comments

### Forest Types

### All Comments

Quite a bit of pasture in the bottomlands Reconsider road at bottom so as to possibly include Tater Hill; ALSO, suggested should include 2 snha's at Little Phoenix, instead of using road to divide there. "Roadless" area around Long Hope about 16K ac, or 33% of block. Lots of EO's, including lots of rare plants Probably most significant bog complex in state Long Hope Valley is in largest "roadless" area

Group **25** Block Name **Roan Mt. East**

**Acres** 65580.764 **Hectares** 26539.59344

**Acres of largest interior roadless block** 38339.9664 58 % of block the largest interior block occupies

**National Land Cover Dataset General Categories**

|                               |       |      |                                     |
|-------------------------------|-------|------|-------------------------------------|
| <b>acres of forest</b>        | 57348 | 87.4 | <b>% of forest in block</b>         |
| <b>acres of water</b>         | 3     | 0    | <b>% of water in block</b>          |
| <b>acres of rock and sand</b> | 63    | 0.1  | <b>% of rock and sand in block</b>  |
| <b>acres developed</b>        | 1911  | 2.9  | <b>% of developed in block</b>      |
| <b>acres shrub and herb</b>   | 2107  | 3.2  | <b>% of shrub and herb in block</b> |
| <b>acres agriculture</b>      | 4169  | 6.4  | <b>% of agriculture in block</b>    |
| <b>acres wetland</b>          | 20    | 0    | <b>% of wetlands in block</b>       |

**Secured Areas Summary of Block**

|                       |                          |           |      |                   |
|-----------------------|--------------------------|-----------|------|-------------------|
| <b>GAP Category 1</b> | <b>Acres in Category</b> | 1714.4676 | 2.6  | <b>% of block</b> |
| <b>GAP Category 2</b> | <b>Acres in Category</b> | 1152.0659 | 1.8  | <b>% of block</b> |
| <b>GAP Category 3</b> | <b>Acres in Category</b> | 7505.8698 | 11.4 | <b>% of block</b> |

**Acres in NC Significant Natural Heritage Areas** 14661.2409 22.4 % of block in NC Sig. Nat. Her. Area

**Linear Features**

| <b>Length of Rivers and Streams in Blocks</b> |                     | <b>Roads in Blocks</b> |                   |
|---|---------------------|------------------------|-------------------|
| <b>Stream Class</b>                           | <b>Stream Miles</b> | <b>Road Class</b>      | <b>Road Miles</b> |
| 1a  | 118.6747            | 2                      | 19.2622           |
| 1b  | 17.9202             | 3                      | 30.535            |
| 2_  | 11.4499             | 6                      | 151.3519          |
|   |                     | 8                      | 2.1163            |
|   |                     | 9                      | 0.2082            |

**Miles of Powerlines** 0 **Miles of Railroads** 0

**Element Occurrences by Major Group**

**Element Occurrence Summary**

125 amphibian  
12 bird  
26 fish  
51 mammal  
4 reptile  
20 natural community  
4 invertebrate-insect  
3 invertebrate-mollusk  
4 plant-nonvascular  
5 plant-nonvascular  
97 plant-dicot  
82 plant-monocot  
4 plant-fern/spleenwort

**SBR Ecoregional Target Occurrences**

3 natural community  
3 natural community  
1 natural community  
1 natural community  
1 natural community  
14 natural community  
2 natural community  
2 natural community  
3 natural community  
3 natural community  
9 mammal  
1 plant-nonvascular  
24 plant-dicot  
23 plant-monocot

**Expert Comments**

**Forest Types** N H; S F;

**All Comments** Hwy 261--Shafale thinks not a barrier northern hardwoods Suggested we combine Roan East and West Grassy Balds; some spruce fir;