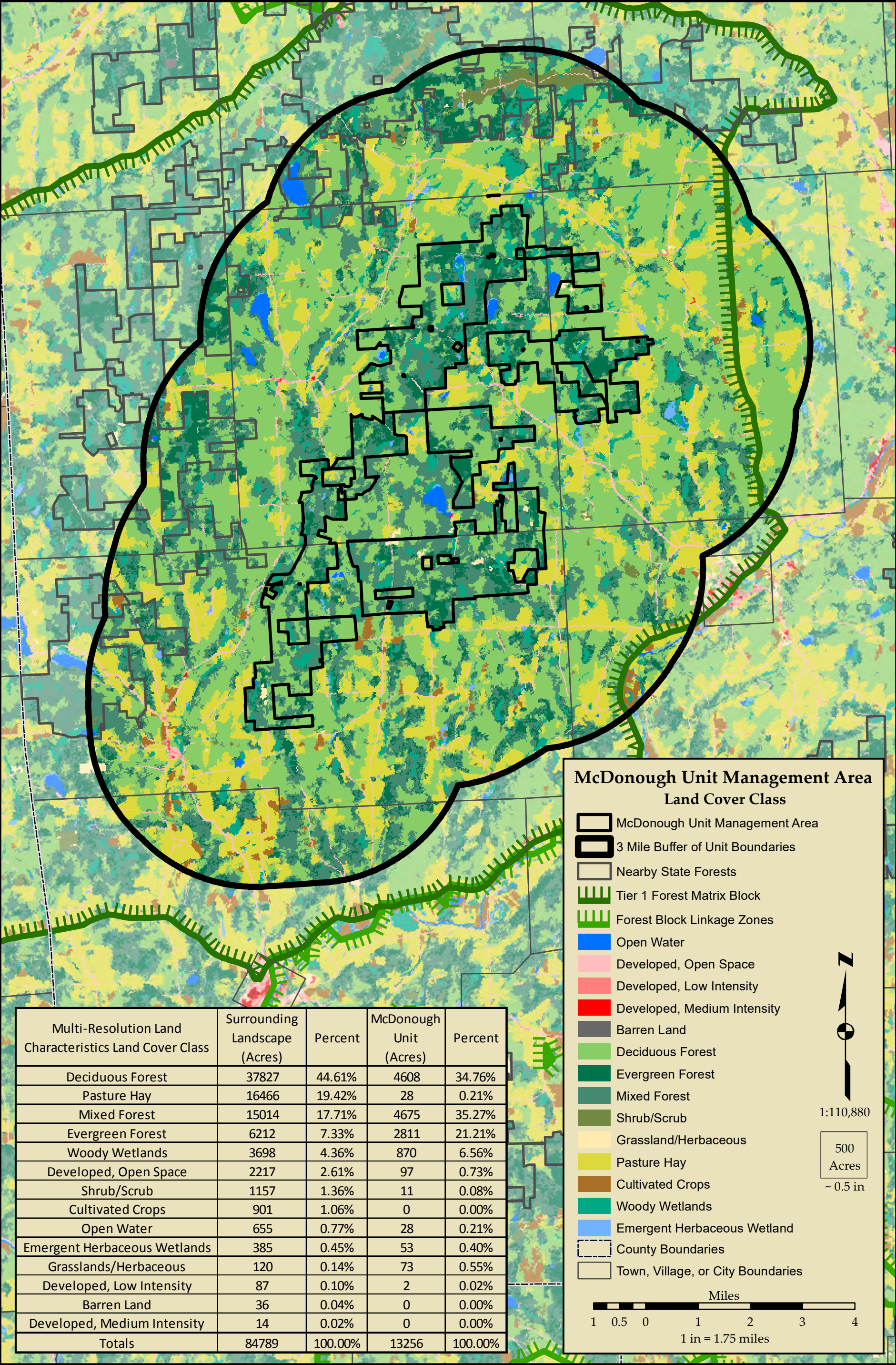


Land Cover within 3 Miles of the McDonough Unit Management Area

USGS National Land Cover Multi-Resolution Land Characteristics

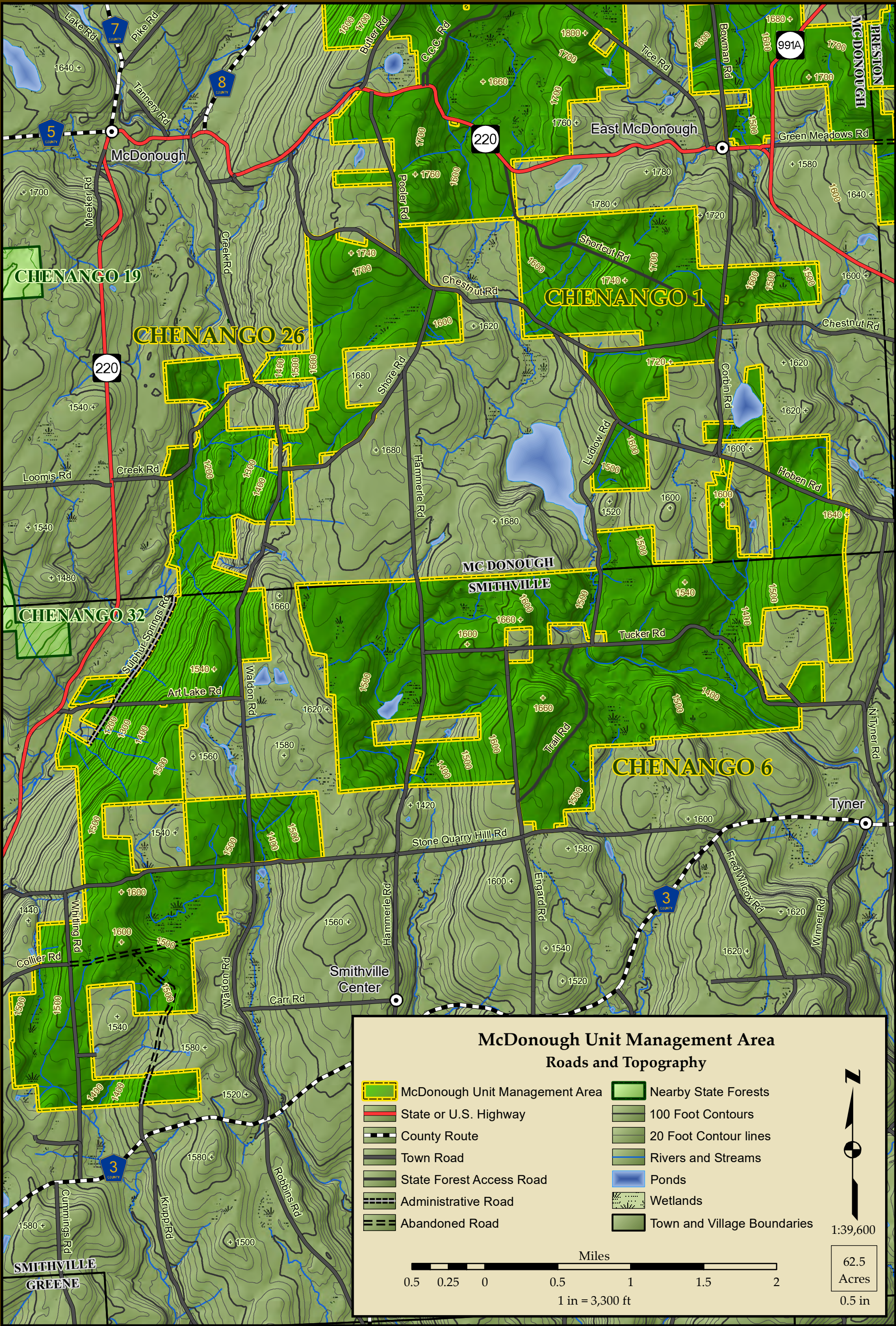


Chenango Reforestation Areas #1 and 11: McDonough State Forest



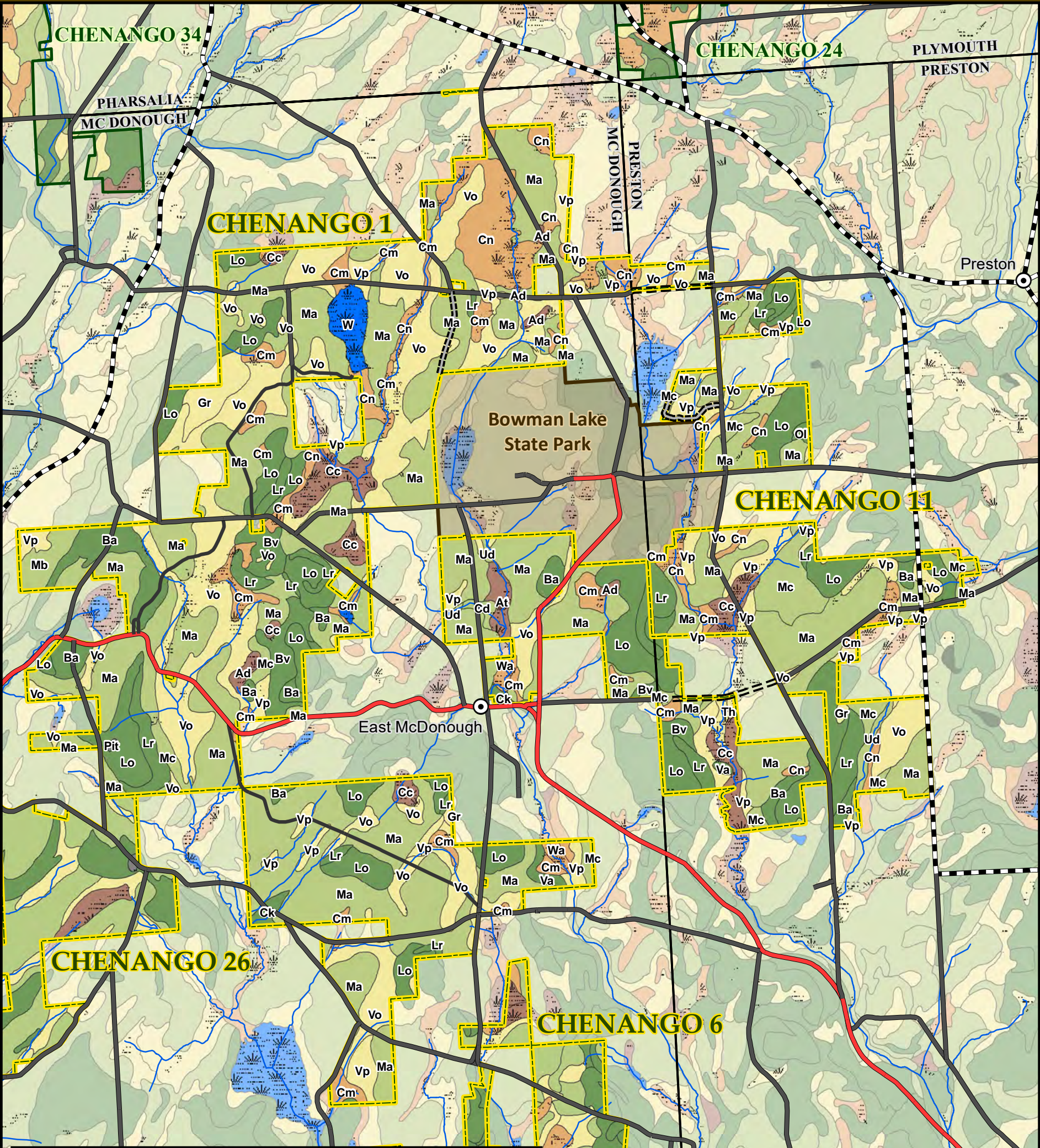
Roads and Topography

Chenango Reforestation Area #6: Ludlow Creek State Forest
Chenango Reforestation Area #26: Genegantslet State Forest



Soil Series and Drainage Classes

Chenango Reforestation Areas #1 and 11: McDonough State Forest



McDonough Unit Management Area
Soil Series and Drainage Classes

Soil Drainage Class

- Well drained
- Moderately well drained
- Somewhat poorly drained
- Poorly drained
- Very poorly drained
- Water
- Quarries

McDonough Unit Management Area

- State Highway
- County Route
- Town Road
- State Forest Access Road
- Administrative Road
- Abandoned Road
- Rivers and Streams
- County Boundaries
- Town Boundaries

Wetlands

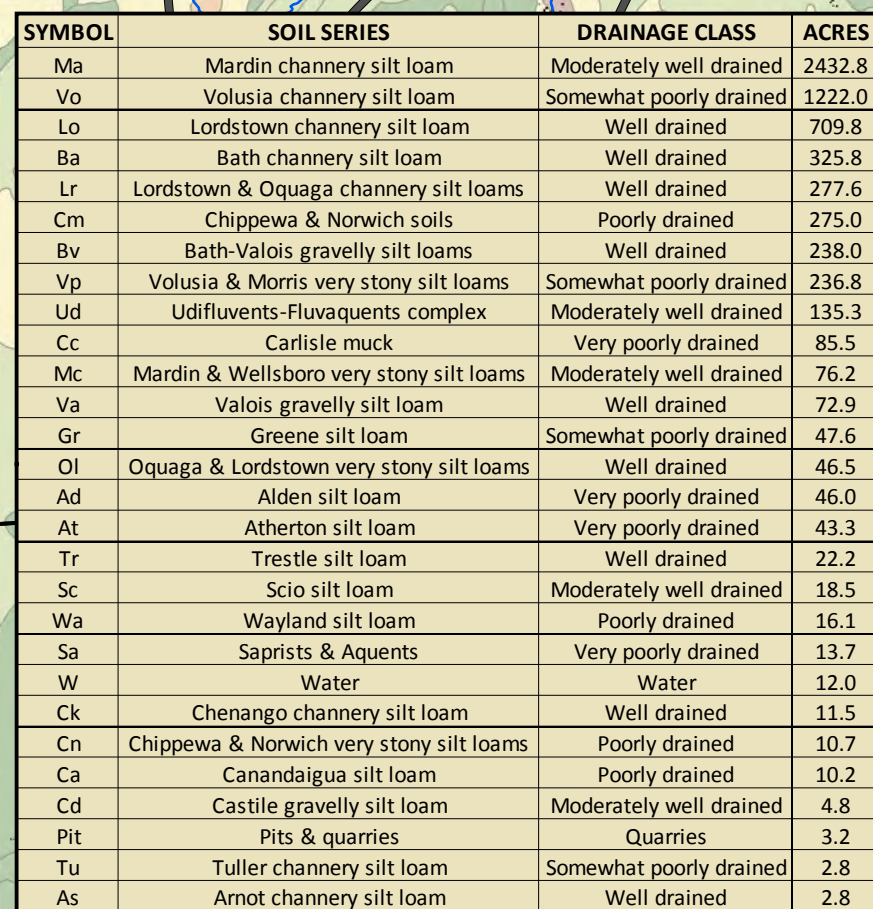
62.5
Acres
0.5 in

Miles
0.5 0.25 0 0.5 1
1 in = 3,000 feet



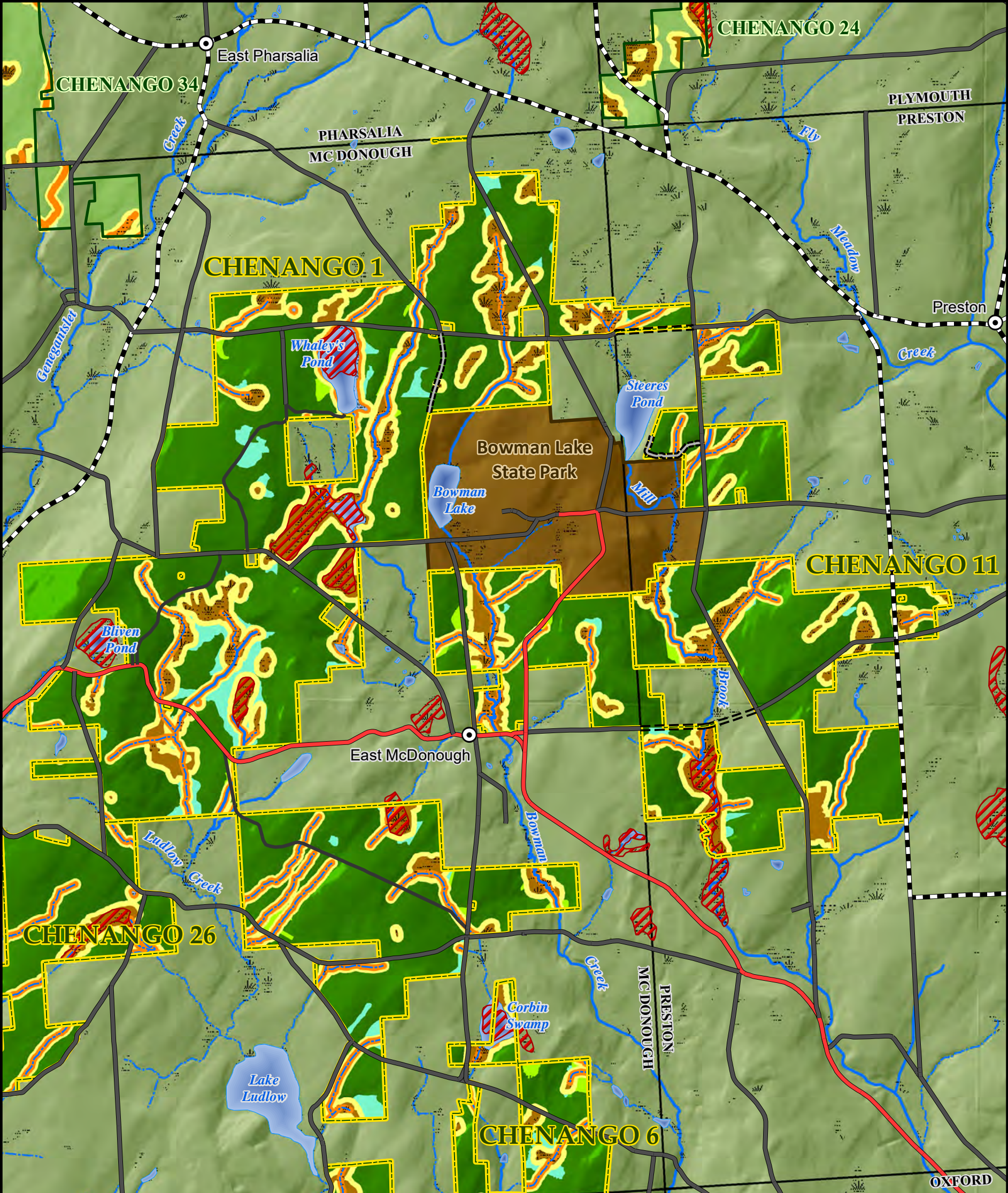
SYMBOL	SOIL SERIES	DRAINAGE CLASS	ACRES
Ma	Mardin channery silt loam	Moderately well drained	2703.7
Vo	Volusia channery silt loam	Somewhat poorly drained	1173.6
Lo	Lordstown channery silt loam	Well drained	733.6
Vp	Volusia and Morris very stony silt loams	Somewhat poorly drained	366.5
Cn	Chippewa and Norwich very stony silt loams	Poorly drained	317.5
Cm	Chippewa and Norwich soils	Poorly drained	263.4
Lr	Lordstown and Oquaga channery silt loams	Well drained	234.4
Mc	Mardin and Wellsboro very stony silt loams	Moderately well drained	207.9
Ba	Bath channery silt loam	Well drained	201.4
Cc	Carlisle muck	Very poorly drained	180.6
Bv	Bath-Valois gravelly silt loams	Well drained	111.5
Gr	Greene silt loam	Somewhat poorly drained	65.6
W	Water	Water	53.8
Mb	Mardin and Lackawanna very stony silt loams	Moderately well drained	43.6
Ud	Udifluvents-Fluvaquents complex, frequently flooded	Moderately well drained	30.6
At	Atherton silt loam	Very poorly drained	29.5
Ad	Alden silt loam	Very poorly drained	28.6
Wa	Wayland silt loam	Poorly drained	23.3
Ck	Chenango channery silt loam, fan	Well drained	21.9
Va	Valois gravelly silt loam	Well drained	18.4
Th	Teel silt loam, somewhat poorly drained	Somewhat poorly drained	13.2
Cd	Castile gravelly silt loam	Moderately well drained	9.9
Ol	Oquaga and Lordstown very stony silt loams	Well drained	6.3
Pit	Pits, quarry	Quarries	1.9
As	Anot channery silt loam	Well drained	0.3
Sa	Sapristis and Aqents, ponded	Very poorly drained	0.1

Chenango Reforestation Area #6: Ludlow Creek State Forest
Chenango Reforestation Area #26: Genegantslet State Forest



Water Resources and Special Management Zones

Chenango Reforestation Areas #1 and 11: McDonough State Forest



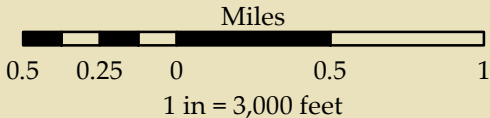
McDonough Unit Management Area

Water Resources and Special Management Zones

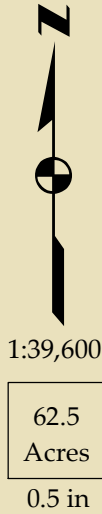
- McDonough Unit Management Area
- Nearby State Forests
- NYS DEC Regulatory Freshwater Wetlands
- National Wetlands Inventory
- Ponds
- Protected Streams
- Streams

- #### Special Management Zones
- Protection Buffer*
 - Equipment Exclusion Zone
 - 75 Percent Retention SMZ*
- #### State Forest Protection Stands
- Wetland Stands
 - Riparian Stands

- State Highway
- County Route
- Town Road
- State Forest Access Road
- Administrative Road
- Abandoned Road
- Town Boundary

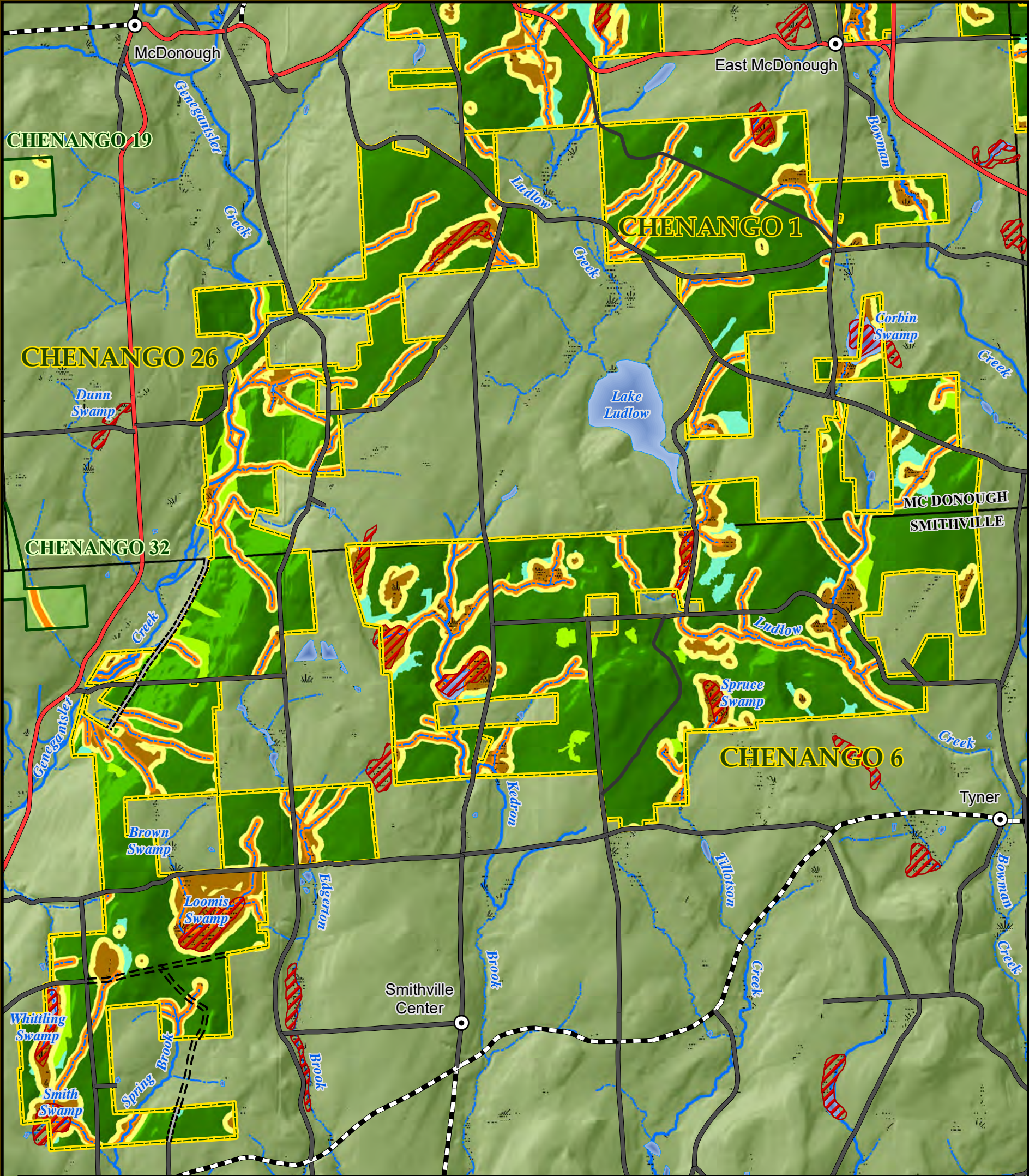


* Buffer not to scale for display purposes



Water Resources and Special Management Zones

Chenango Reforestation Area #6: Ludlow Creek State Forest
Chenango Reforestation Area #26: Genegantslet State Forest

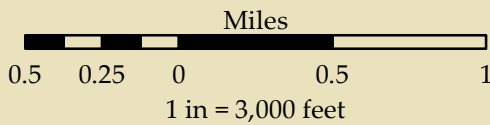


McDonough Unit Management Area Water Resources and Special Management Zones

- McDonough Unit Management Area
- Nearby State Forests
- NYS DEC Regulatory Freshwater Wetlands
- National Wetlands Inventory
- Ponds
- Protected Streams
- Streams

- Special Management Zones**
- Protection Buffer*
- Equipment Exclusion Zone
- 75 Percent Retention SMZ*
- State Forest Protection Stands**
- Wetland Stands
- Riparian Stands

- State Highway
- County Route
- Town Road
- State Forest Access Road
- Administrative Road
- Abandoned Road
- Town Boundary

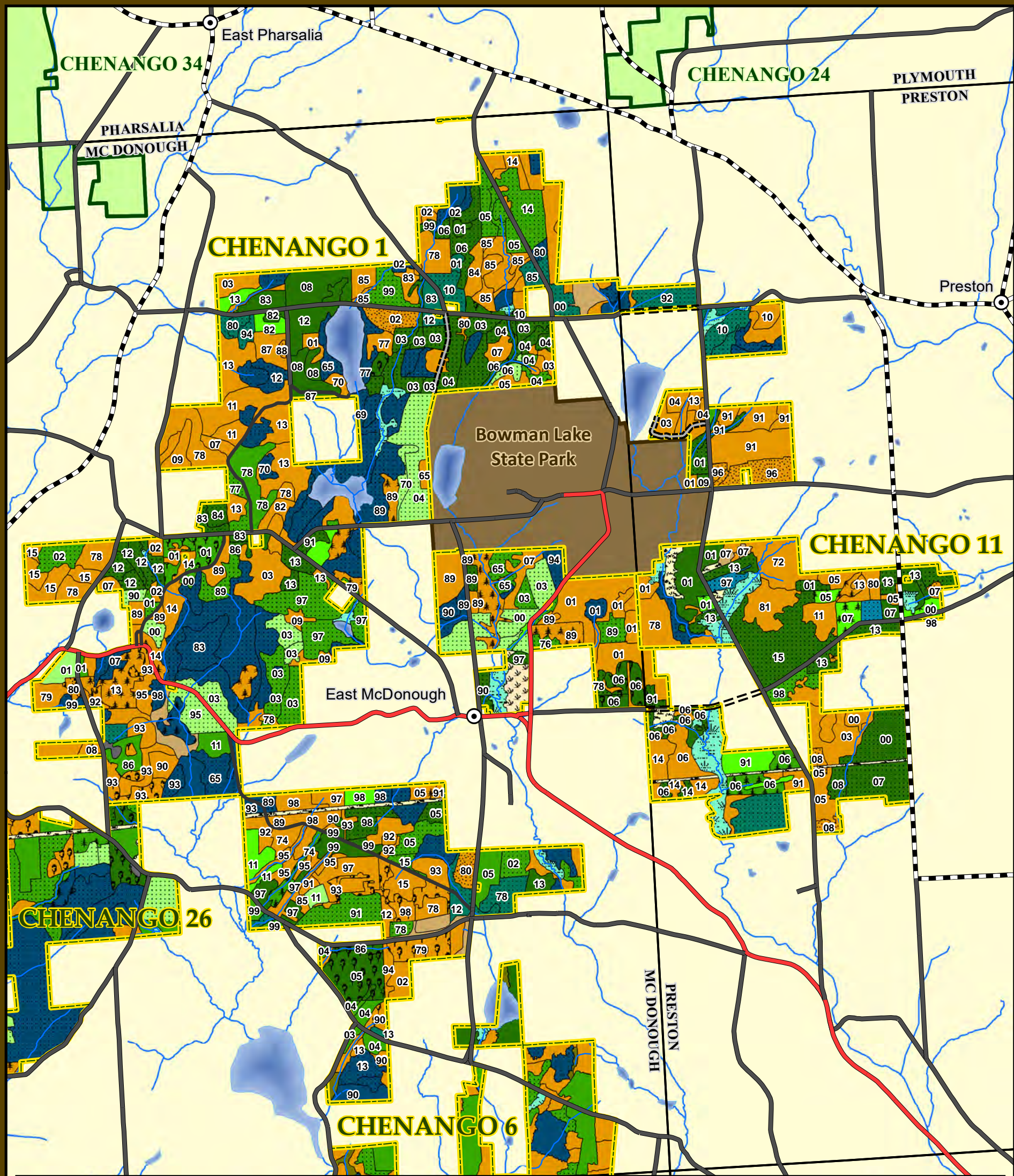


* Buffer not to scale for display purposes



Current Cover Types and Last Year Managed

Chenango Reforestation Areas #1 and 11: McDonough State Forest



McDonough Unit Management Area

Current Cover Types



1:39,600
62.5
Acres
0.5 in

- Hardwoods
- Hardwoods w/oak component
- Hardwoods-white pine
- Hardwoods-mixed plantation
- Pioneer hardwoods
- Swamp hardwoods
- Hemlock
- Hemlock-hardwoods
- Hemlock-white pine
- Cedar-hardwoods
- Norway spruce plantations

- Norway spruce plantation-hardwoods
- Norway spruce-pine plantations
- Norway spruce-white spruce plantations
- White spruce plantation
- White spruce plantation-hardwoods
- Red pine plantation
- Red pine plantation-hardwoods
- Red pine-larch plantations
- Red pine-white pine plantations
- White pine plantation
- White pine plantation-hardwoods

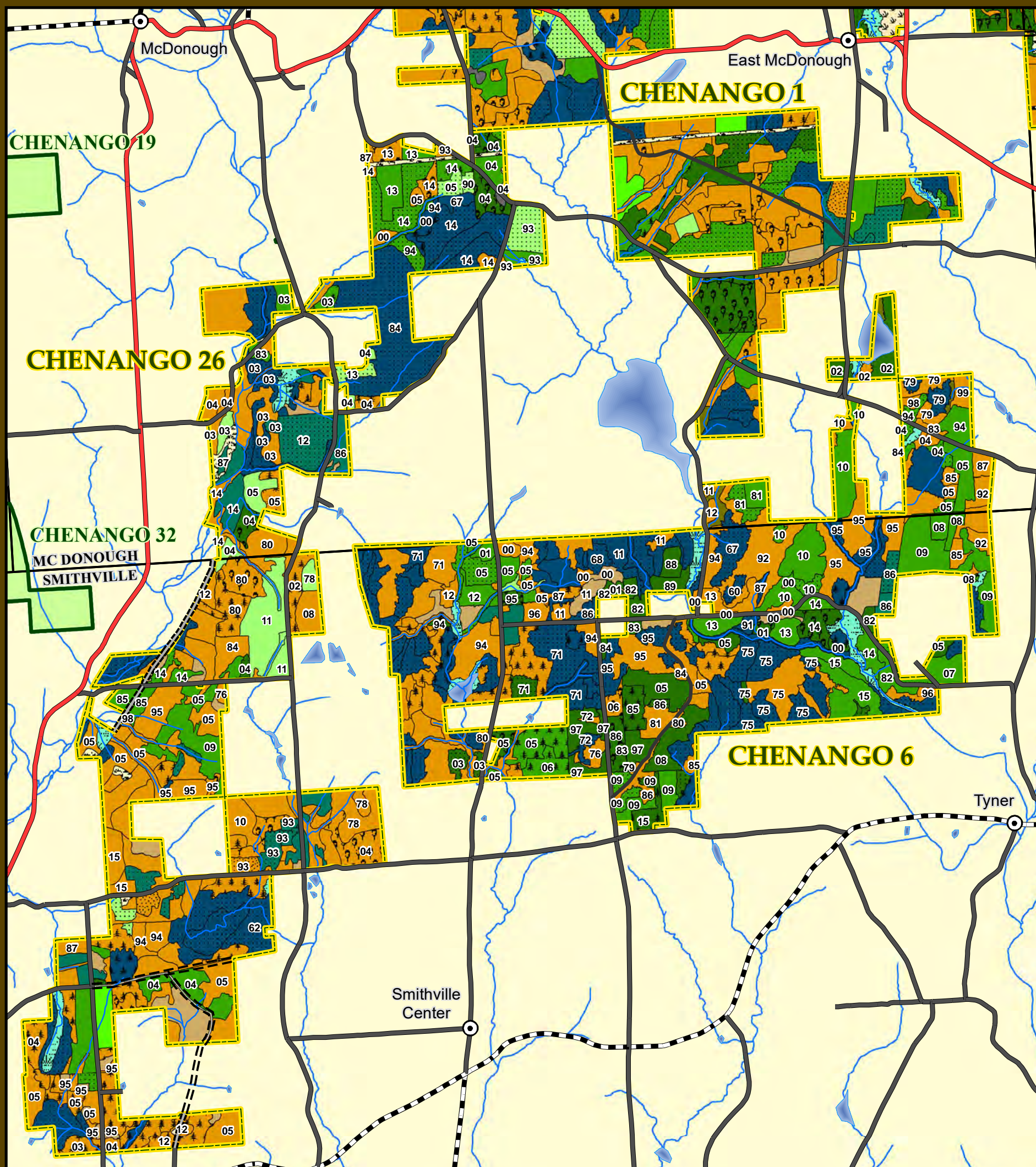
- Larch plantation
- Larch-other plantation species
- Shrubland
- Apple
- Wetlands
- Ponds
- Gravel/shale pits

Miles
0 0.25 0.5 1 1.5
1 in = 3,300 ft

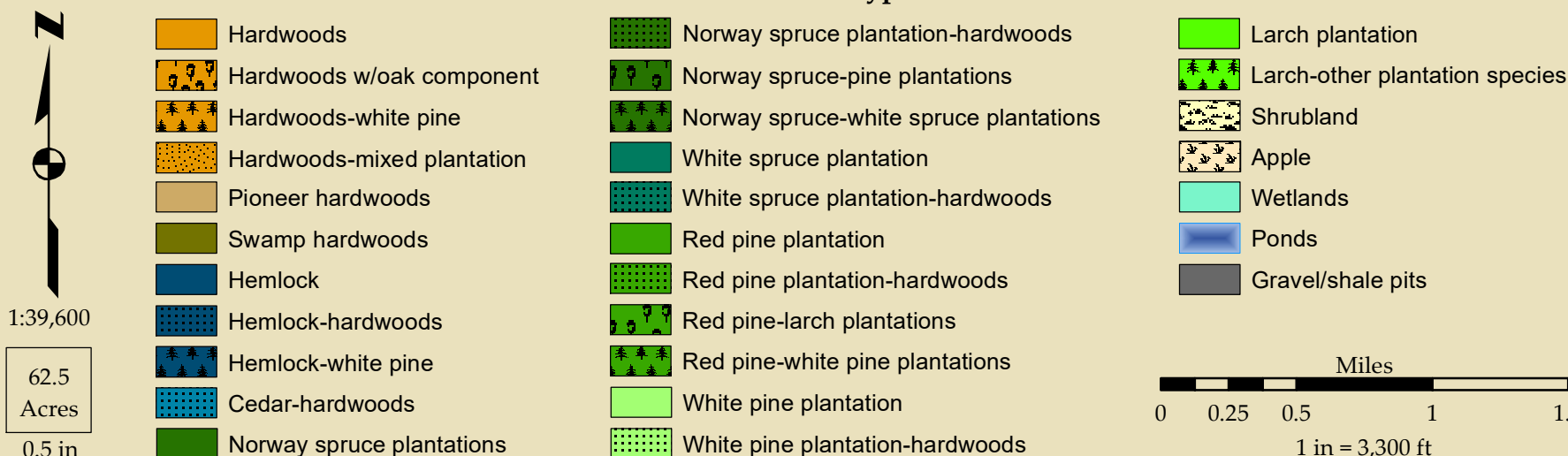
Current Cover Types and Last Year Managed

Chenango Reforestation Area #6: Ludlow Creek State Forest

Chenango Reforestation Area #26: Genegantslet State Forest

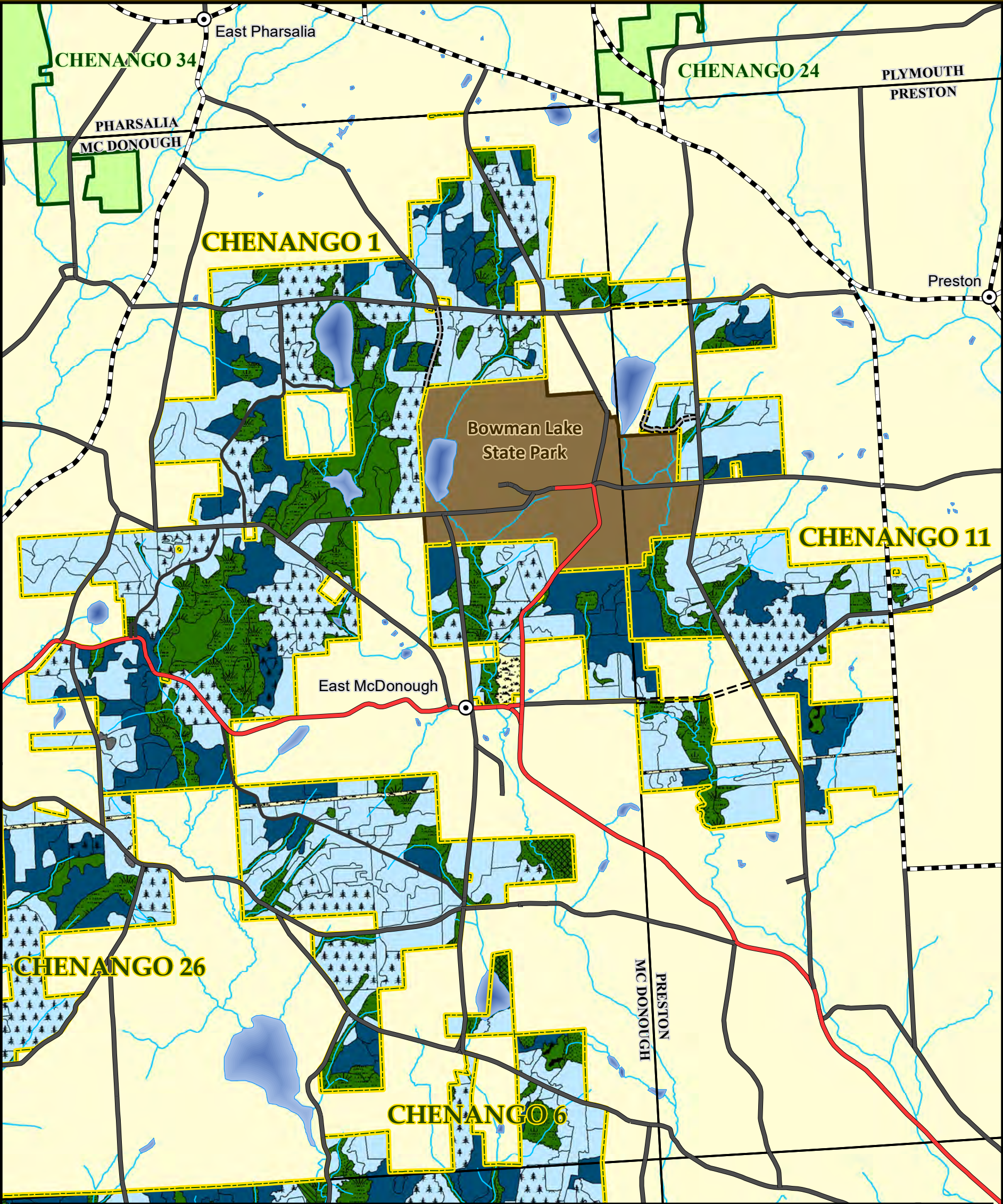


McDonough Unit Management Area Current Cover Types



Proposed Management Direction

Chenango Reforestation Areas #1 and 11: McDonough State Forest



McDonough Unit Management Area Proposed Management Direction

1:39,600
62.5
Acres
0.5 in

- Even-aged
- Even-aged: short rotation
- Even-aged: variable retention
- Uneven-aged
- Uneven-aged: variable retention
- Shrubland
- Apple

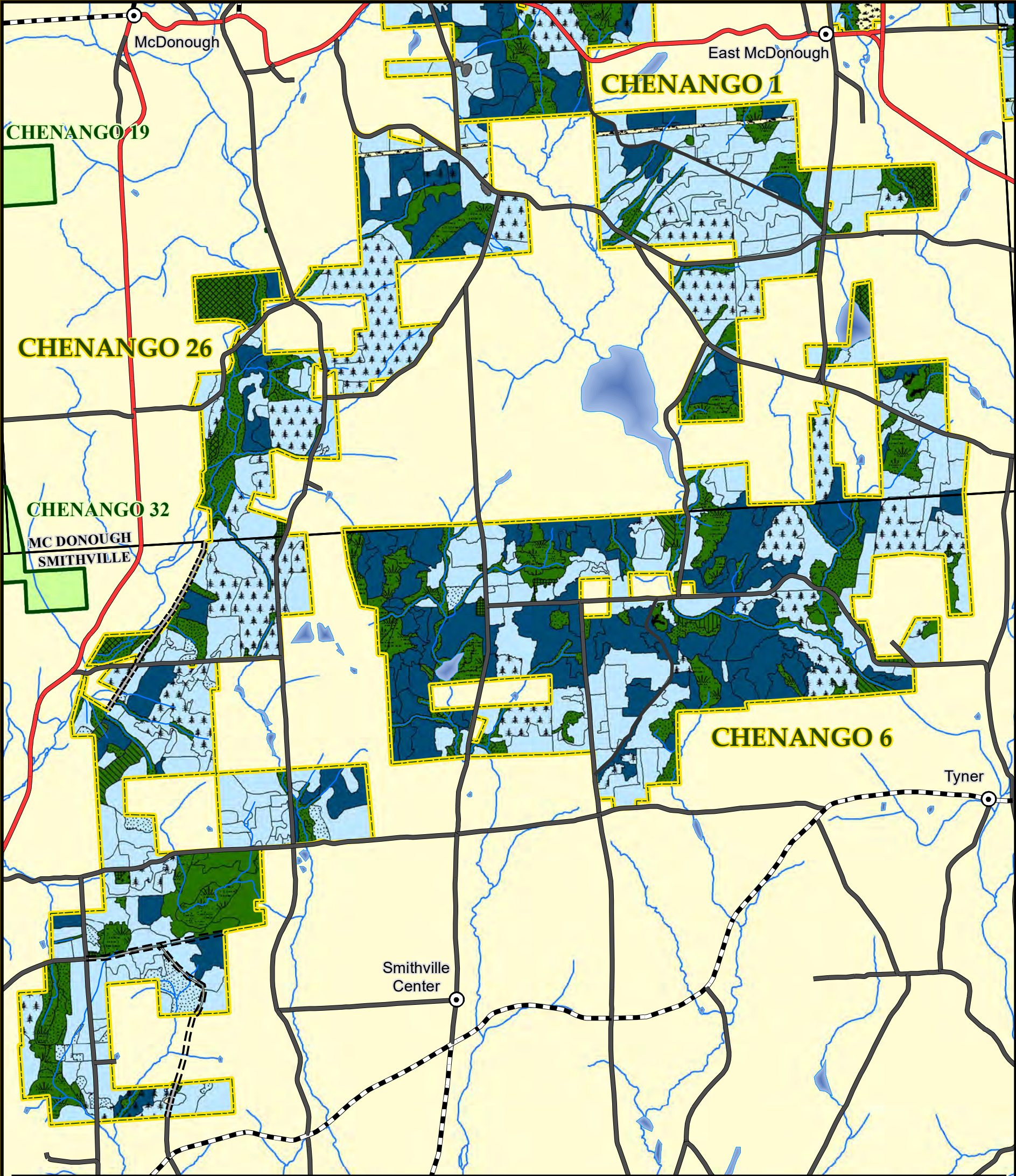
- Natural area
- Protection: Wetlands
- Protection: Riparian
- Protection: Poor soil
- Protection: Difficult access
- Protection: Steep slope
- Protection: Aesthetics

- Protection: Historic
- Protection: Recreation
- Ponds
- Gravel/shale pits

Miles
0 0.25 0.5 1 1.5
1 in = 3,300 ft

Proposed Management Direction

Chenango Reforestation Area #6: Ludlow Creek State Forest
Chenango Reforestation Area #26: Genegantslet State Forest



McDonough Unit Management Area
Proposed Management Direction

1:39,600
62.5
Acres
0.5 in

- Even-aged
- Even-aged: short rotation
- Even-aged: variable retention
- Uneven-aged
- Uneven-aged: variable retention
- Shrubland
- Apple

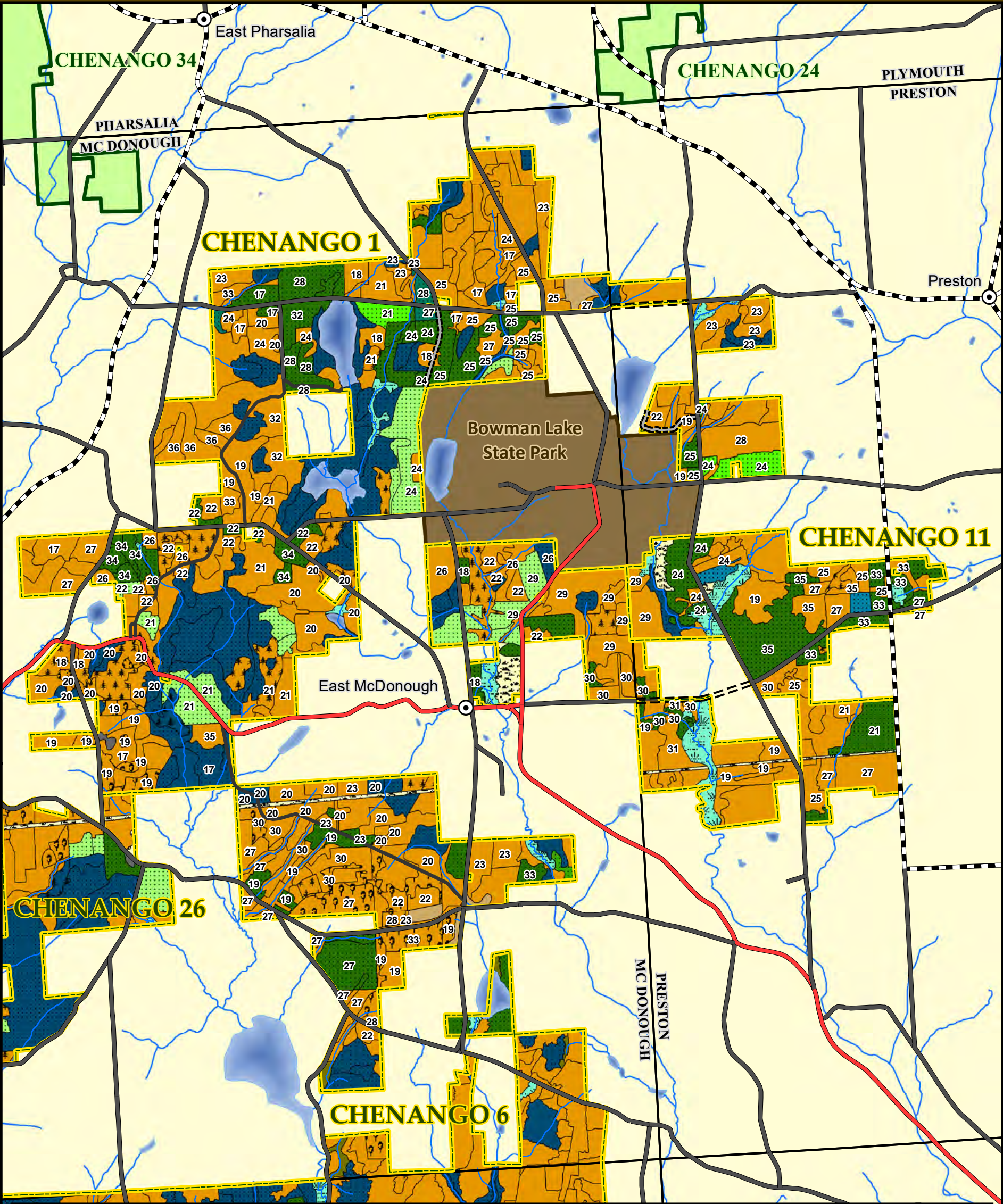
- Natural area
- Protection: Wetlands
- Protection: Riparian
- Protection: Poor soil
- Protection: Difficult access
- Protection: Steep slope
- Protection: Aesthetics

- Protection: Historic
- Protection: Recreation
- Ponds
- Gravel/shale pits

Miles
0 0.25 0.5 1 1.5
1 in = 3,300 ft

Future Cover Types and Next Scheduled Harvest

Chenango Reforestation Areas #1 and 11: McDonough State Forest



1:39,600

62.5

Acres

0.5 in

McDonough Unit Management Area

Future Cover Types

Hardwoods	Norway spruce plantation-hardwoods	Shrubland
Hardwoods w/oak component	White spruce plantation-hardwoods	Apple
Hardwoods-white pine	Red pine plantation-hardwoods	Wetlands
Hemlock	White pine plantation-hardwoods	Ponds
Hemlock-hardwoods	Hardwoods-misc. plantation spp.	Gravel/shale pits
Hemlock-white pine	Pioneer hardwoods	
Cedar-hardwoods	Swamp hardwoods	

Miles

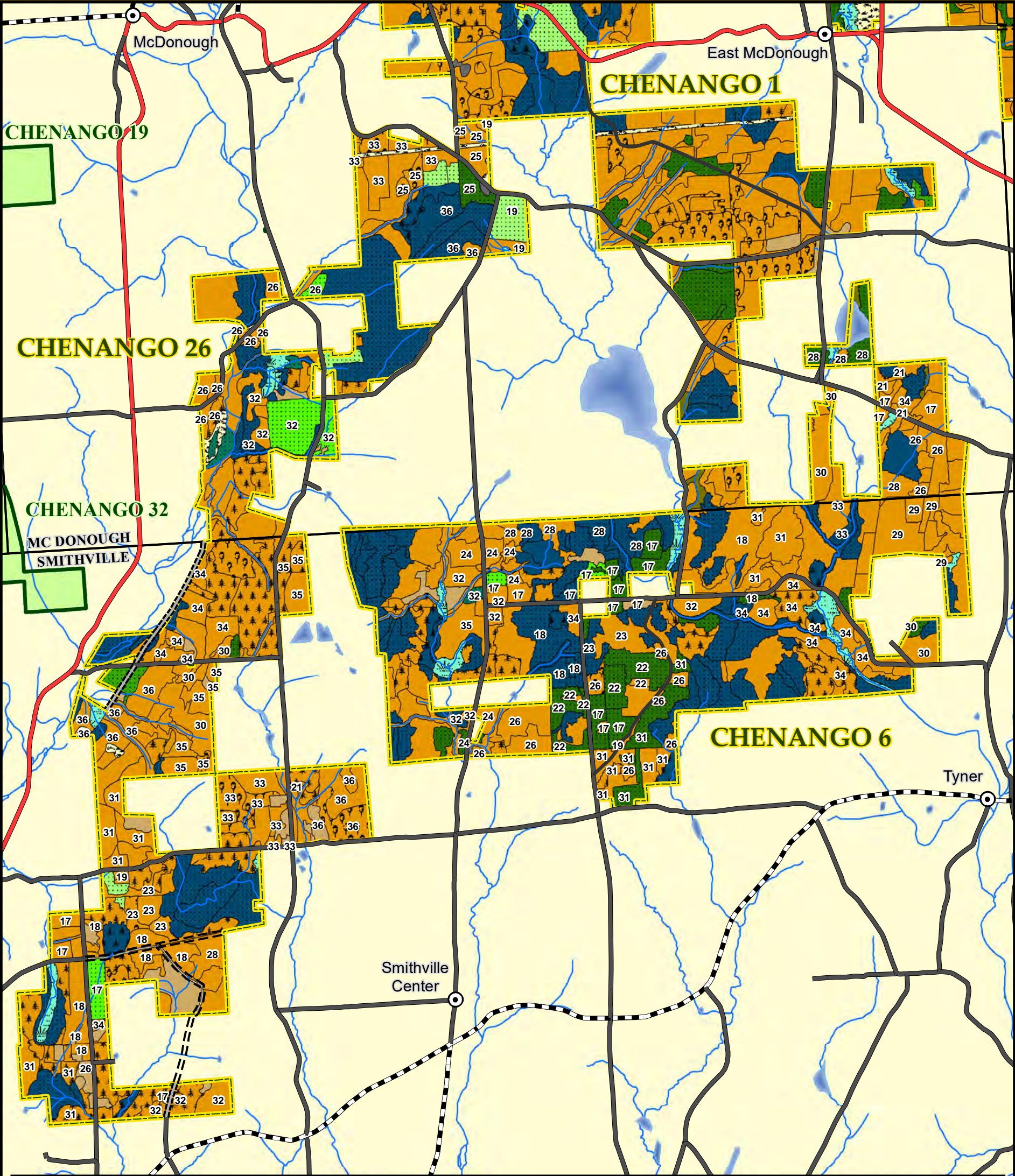
0 0.25 0.5 1 1.5

1 in = 3,300 ft

Future Cover Types and Next Scheduled Harvest

Chenango Reforestation Area #6: Ludlow Creek State Forest

Chenango Reforestation Area #26: Genegantslet State Forest



McDonough Unit Management Area Future Cover Types

- | | | |
|---------------------------|------------------------------------|-------------------|
| Hardwoods | Norway spruce plantation-hardwoods | Shrubland |
| Hardwoods w/oak component | White spruce plantation-hardwoods | Apple |
| Hardwoods-white pine | Red pine plantation-hardwoods | Wetlands |
| Hemlock | White pine plantation-hardwoods | Ponds |
| Hemlock-hardwoods | Hardwoods-misc. plantation spp. | Gravel/shale pits |
| Hemlock-white pine | Pioneer hardwoods | |
| Cedar-hardwoods | Swamp hardwoods | |

1:39,600

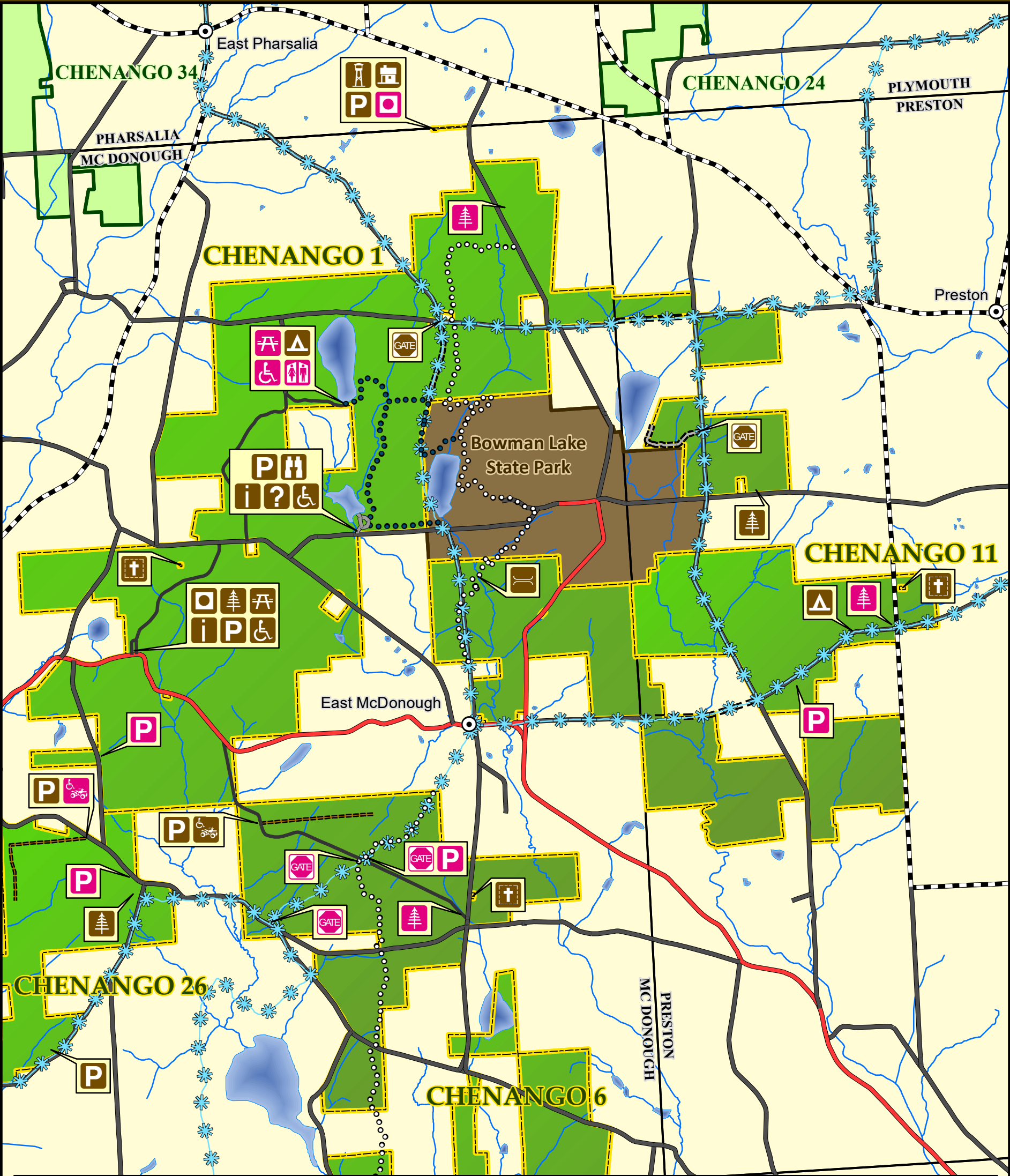
62.5
Acres

0.5 in

Miles
0 0.25 0.5 1 1.5
1 in = 3,300 ft

Recreation Facilities and Infrastructure

Chenango Reforestation Areas #1 and 11: McDonough State Forest



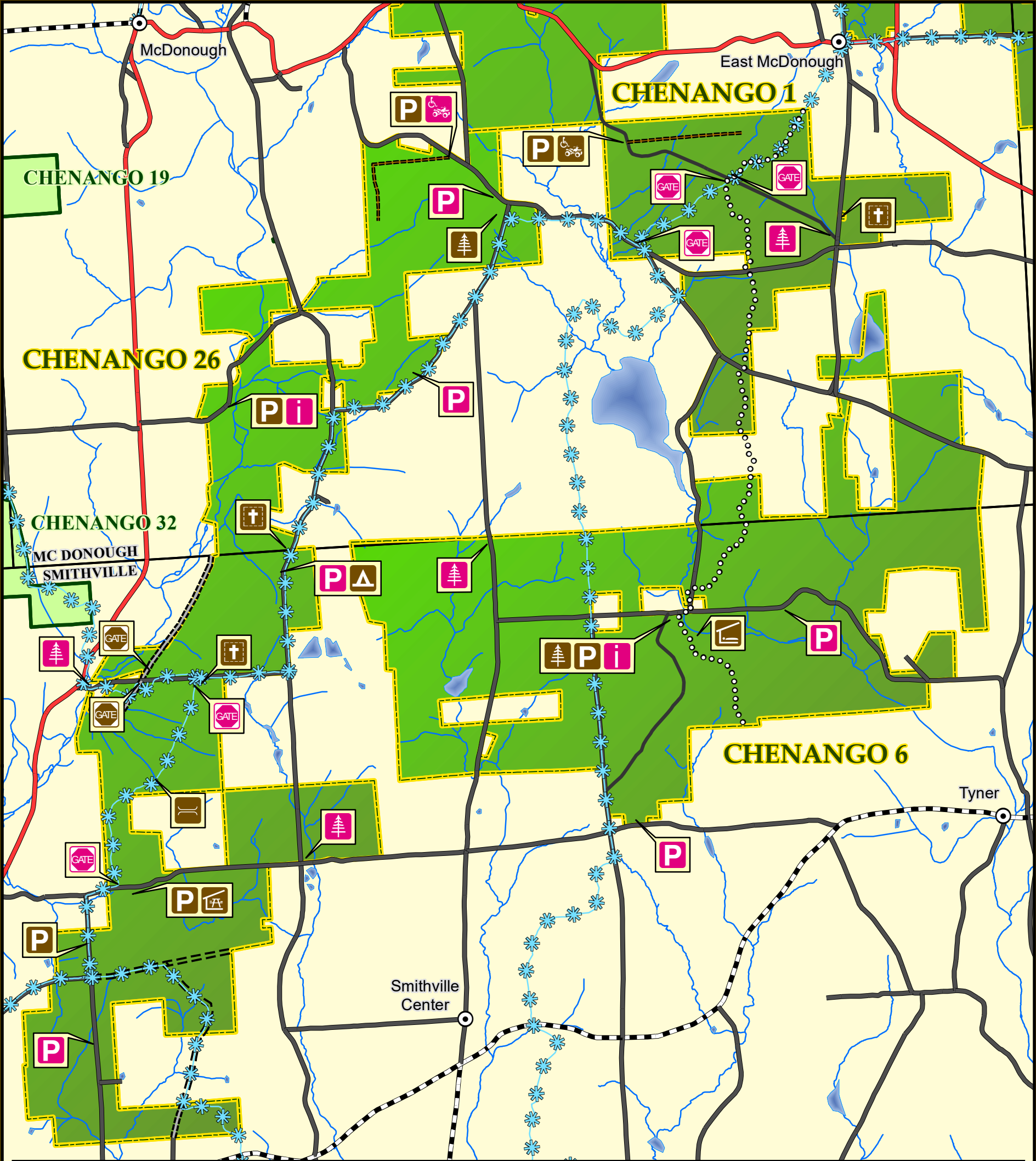
McDonough Unit Management Area

Recreation Facilities and Infrastructure

- | | | | |
|-------------------------|-------------------------------|-----------------------------|--------------------------|
| State Forest Sign | Primitive Campsite | Historic Site | Recreation Trails |
| Information Kiosk | Lean-to | Firetower | |
| Other Sign | Pavillion | Observer's Cabin | Finger Lakes Trail |
| Unpaved Parking Lot | Day Use Area | Cemetery (includes private) | Ski Trail |
| Gate or Vehicle Barrier | Wildlife Observation Platform | Trail Bridge | Accessible Trail |
| Accessible Facility | Portable Toilet or Pit Privy | Motorized Access w/Permit | Motorized Trail |
| McDonough Unit | | | Snowmobile Trail |
| | | | Proposed Facility |
| | | | Existing Facility |
- 1:39,600
- 62.5 Acres
- 0.5 in
- Miles
- 0 0.25 0.5 1 1.5
- 1 in = 3,300 ft

Recreation Facilities and Infrastructure

Chenango Reforestation Area #6: Ludlow Creek State Forest
Chenango Reforestation Area #26: Genegantslet State Forest



McDonough Unit Management Area Recreation Facilities and Infrastructure

1:39,600
62.5 Acres
0.5 in

McDonough Unit

State Forest Sign

Information Kiosk

Other Sign

Unpaved Parking Lot

Gate or Vehicle Barrier

Accessible Facility

Primitive Campsite

Lean-to

Pavillion

Day Use Area

Wildlife Observation Platform

Portable Toilet or Pit Privy

Historic Site

Firetower

Observer's Cabin

Cemetery (includes private)

Trail Bridge

Motorized Access w/Permit

Finger Lakes Trail

Ski Trail

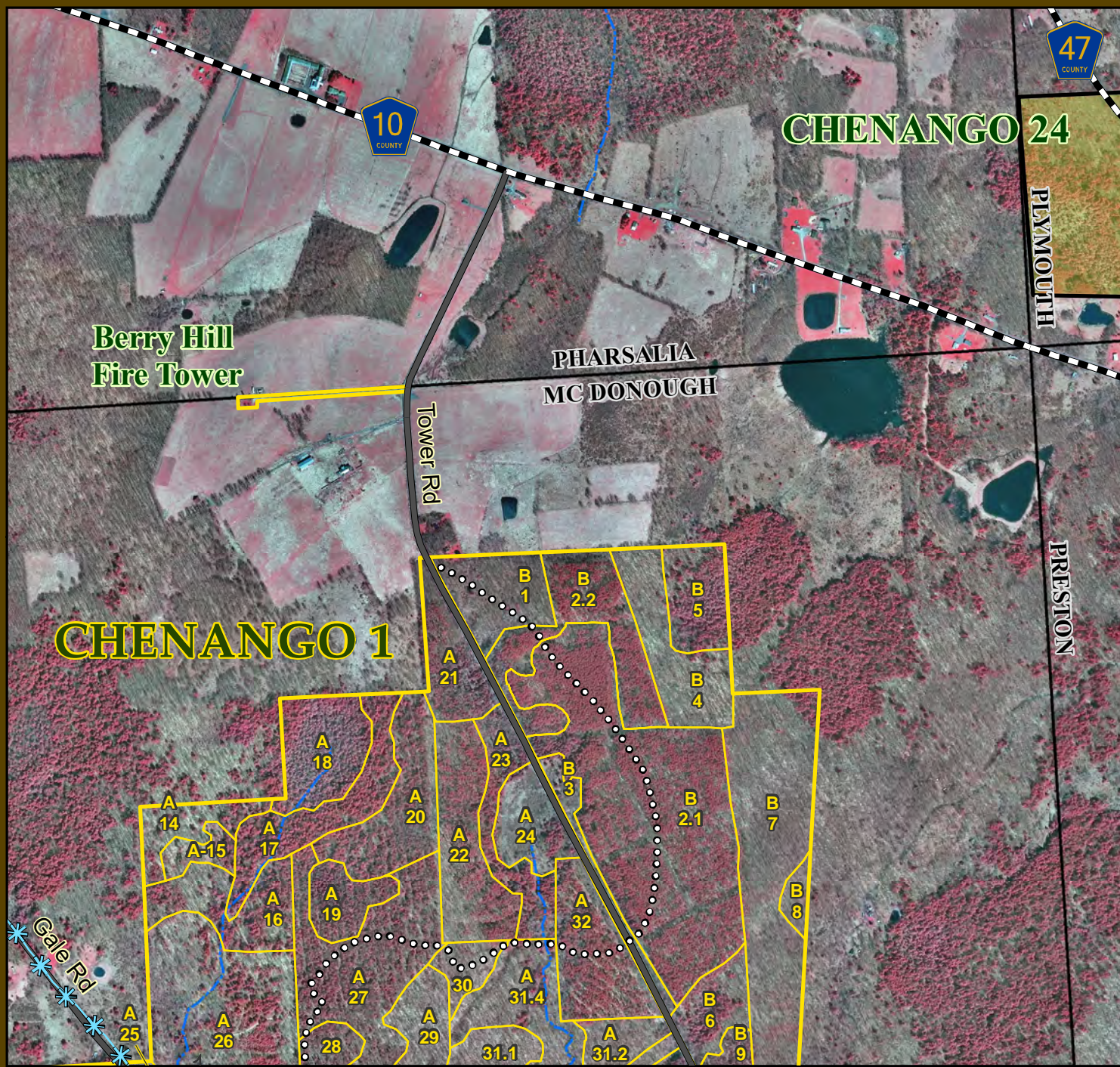
Accessible Trail

Motorized Trail

Snowmobile Trail

Proposed Facility

Existing Facility



McDonough Unit Management Area State Forest Stands Mosaic

- Stand boundaries
- Nearby State Forests
- Town boundary
- Streams
- * * * Snowmobile Trails
- o o o o o Finger Lakes Trail
- Kopak-Whaley Trail
- Motorized Trail
- Accessible Trail

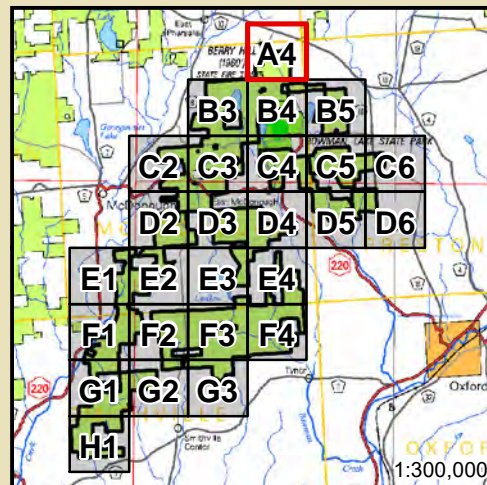
**MAP
A4**

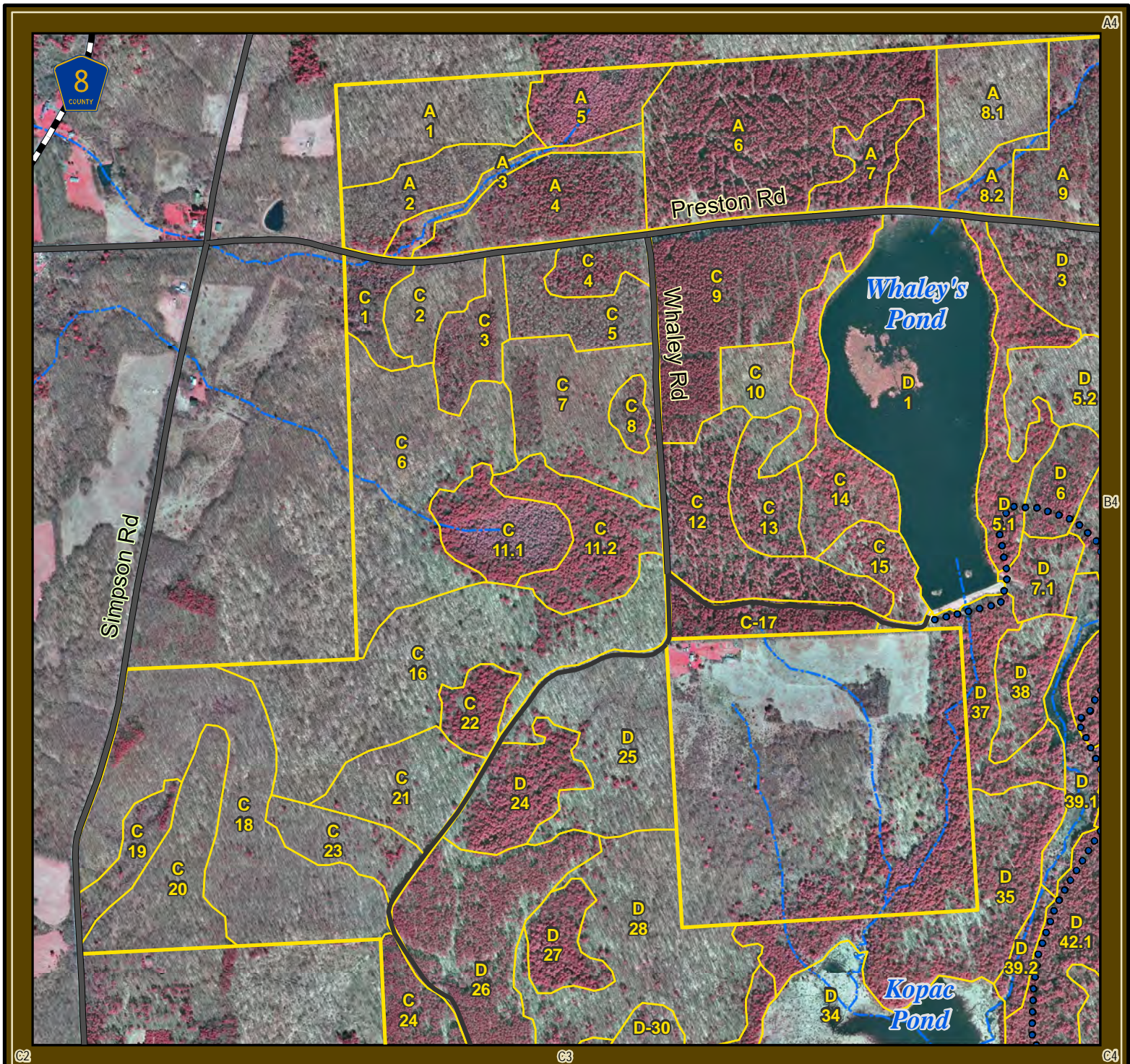
10
Acres

0.66 in.

1:12,000

Feet
1,000 500 0 1,000 2,000
1 in = 1,000 feet





McDonough Unit Management Area State Forest Stands Mosaic

- Stand boundaries
- Nearby State Forests
- Town boundary
- Streams
- o o o o o Finger Lakes Trail
- Kopak-Whaley Trail
- - - - - Motorized Trail
- _ _ _ _ _ Accessible Trail
- * * * * * Snowmobile Trails

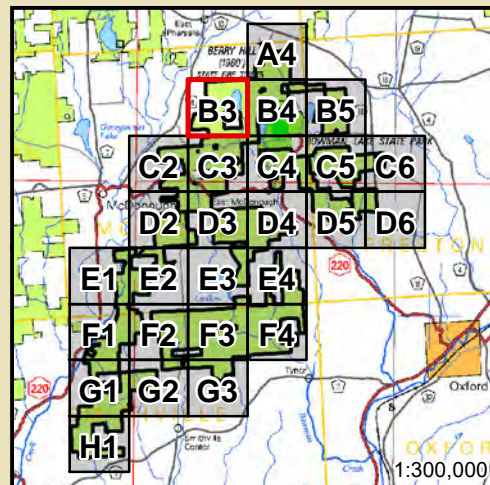
**MAP
B3**

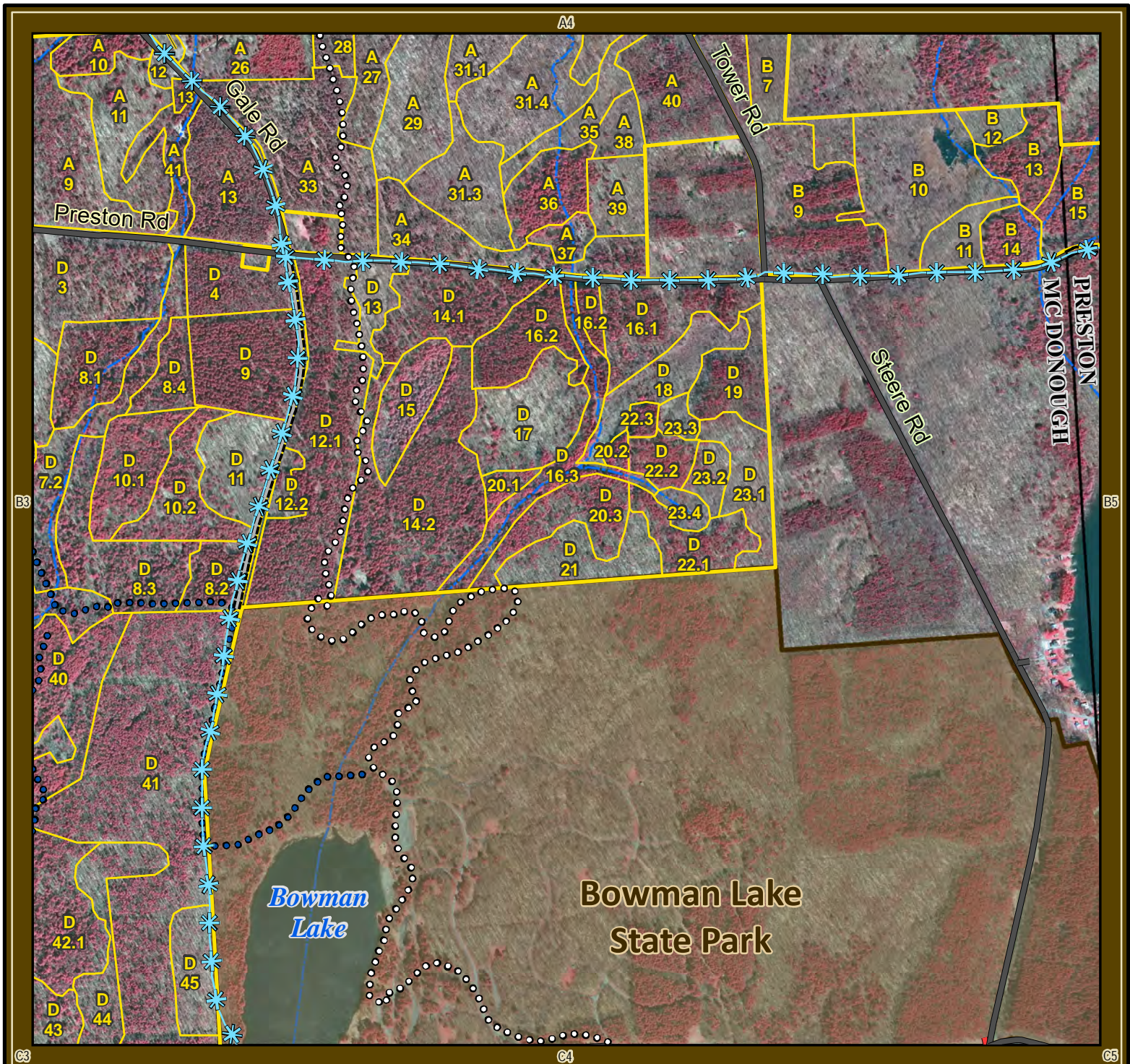
10
Acres

0.66 in.

1:12,000

Feet
1,000 500 0 1,000 2,000
1 in = 1,000 feet





McDonough Unit Management Area State Forest Stands Mosaic

- Stand boundaries
- Nearby State Forests
- Town boundary
- Streams
- o o o o o Finger Lakes Trail
- Kopak-Whaley Trail
- Motorized Trail
- Accessible Trail
- * * * * * Snowmobile Trails

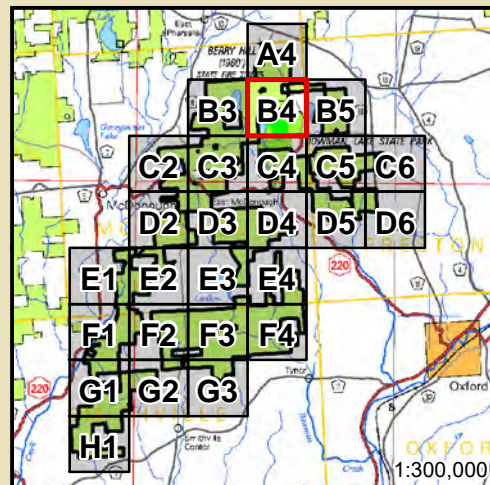
**MAP
B4**

Feet
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1 in = 1,000 feet

10
Acres

0.66 in.

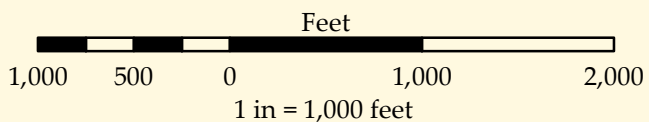
1:12,000



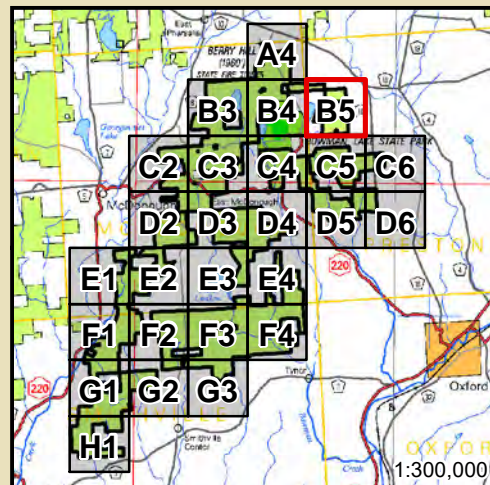
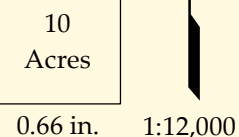


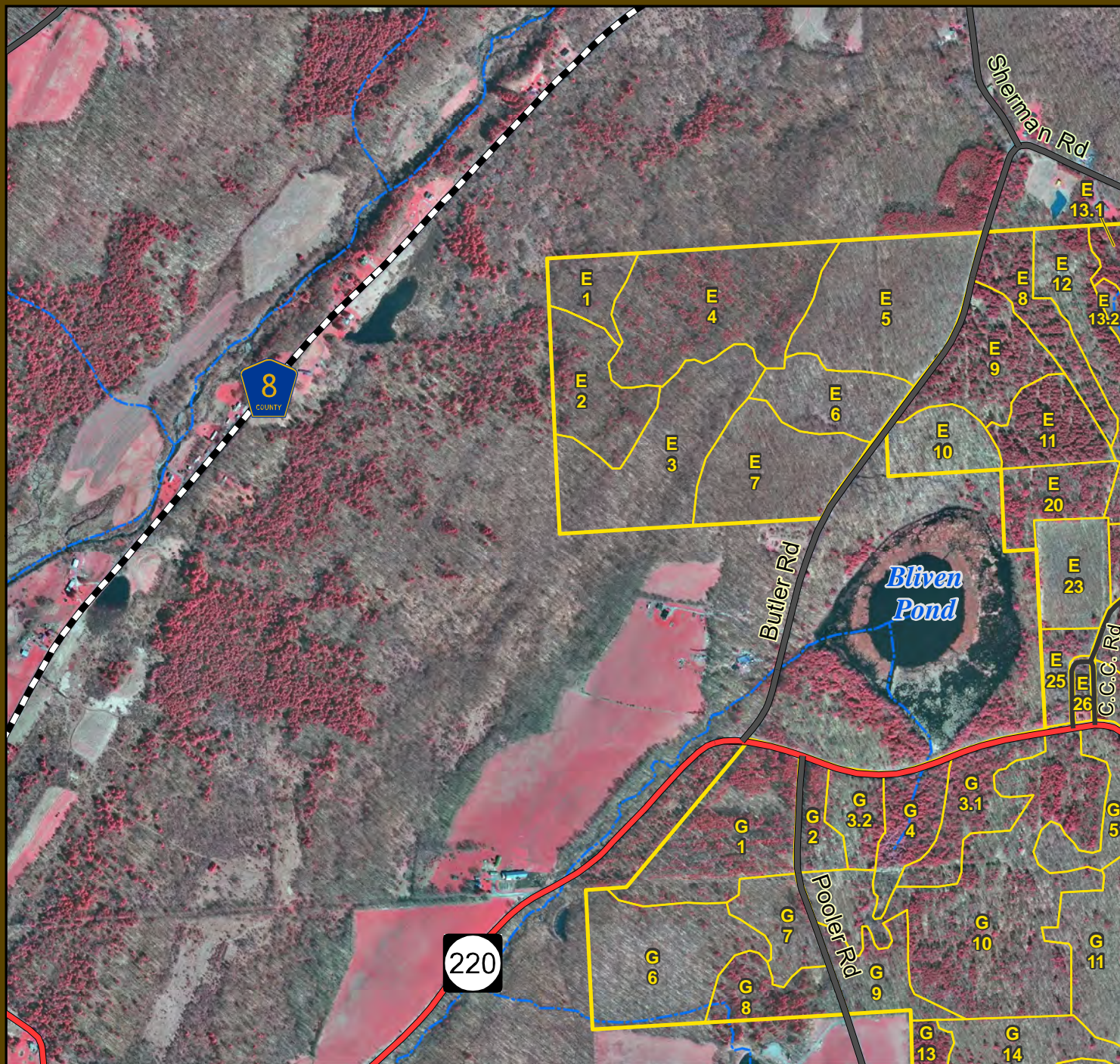
McDonough Unit Management Area State Forest Stands Mosaic

- Stand boundaries
- Nearby State Forests
- Town boundary
- Streams
- o o o o o Finger Lakes Trail
- Kopak-Whaley Trail
- Motorized Trail
- Accessible Trail
- * * * * * Snowmobile Trails



**MAP
B5**





McDonough Unit Management Area State Forest Stands Mosaic

- Stand boundaries
- Nearby State Forests
- Town boundary
- Streams
- o o o o o Finger Lakes Trail
- Kopak-Whaley Trail
- Motorized Trail
- Accessible Trail
- * * * Snowmobile Trails

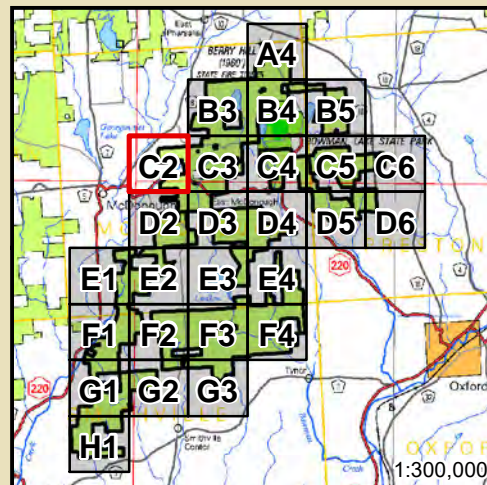
Feet
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1 in = 1,000 feet

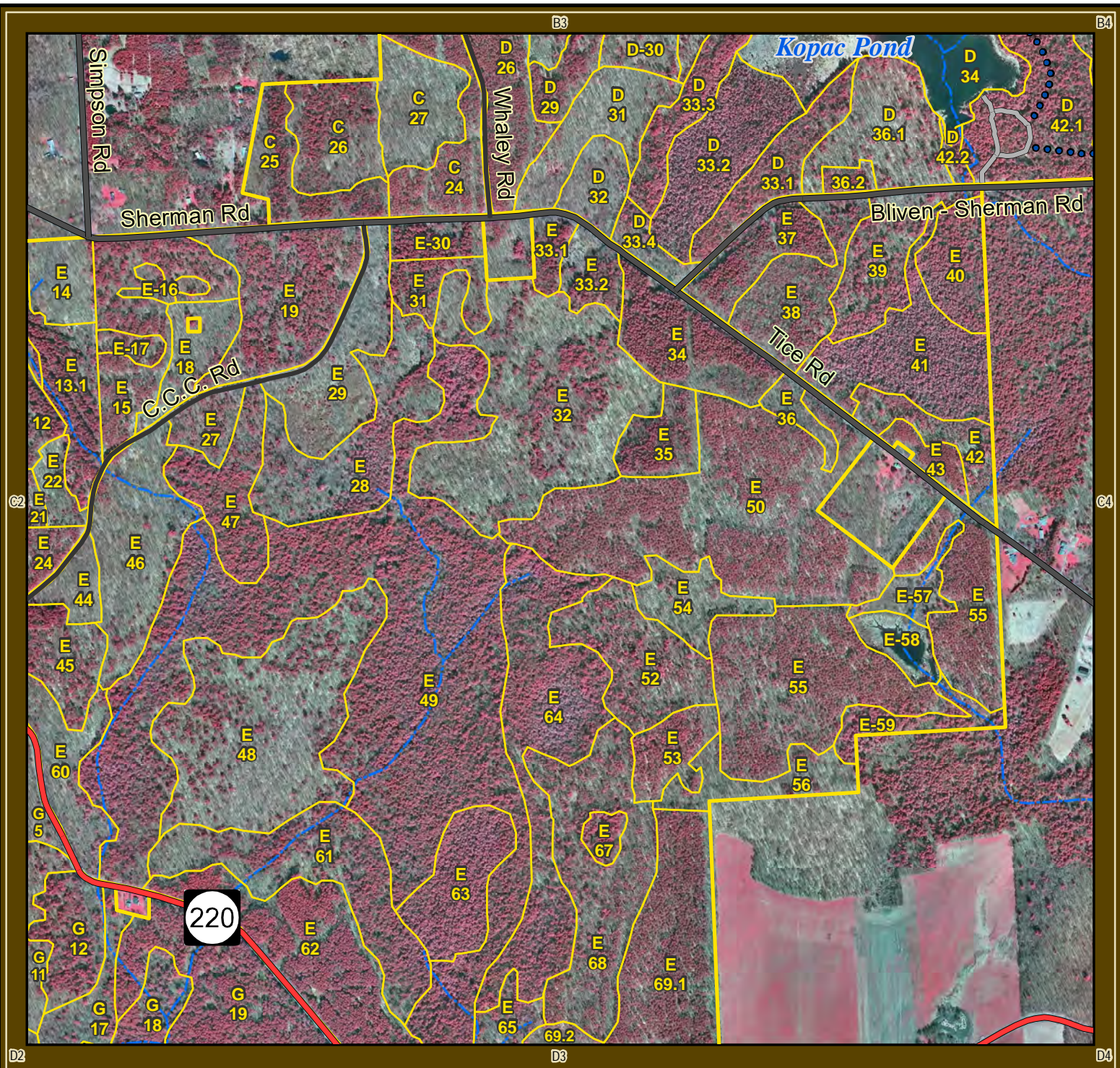
**MAP
C2**

10
Acres

0.66 in.

1:12,000





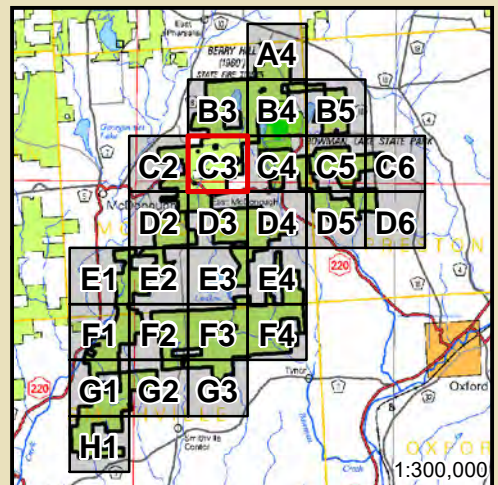
McDonough Unit Management Area State Forest Stands Mosaic

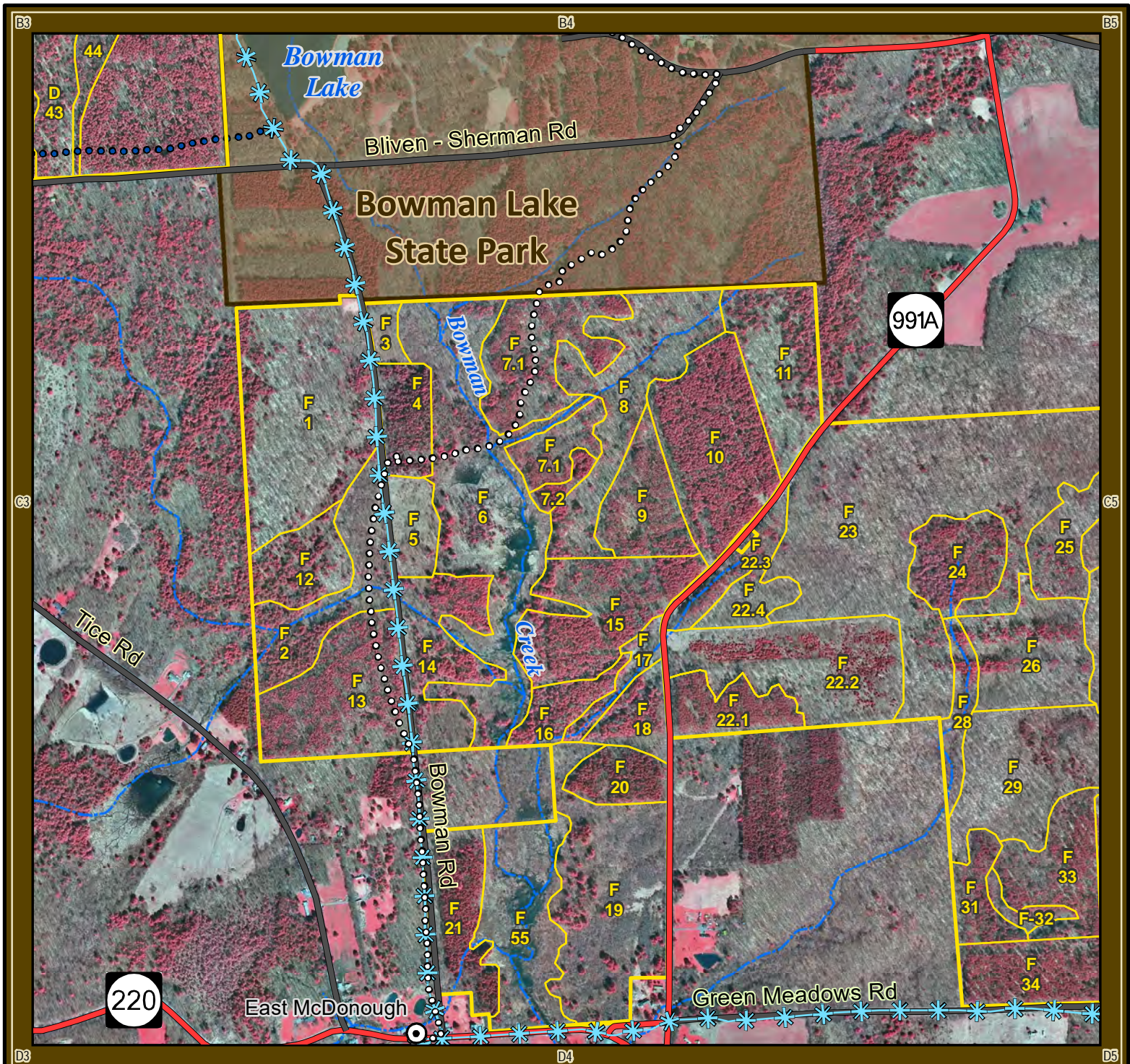
- Stand boundaries
- Nearby State Forests
- Town boundary
- Streams
- o o o o o Finger Lakes Trail
- Kopak-Whaley Trail
- Motorized Trail
- Accessible Trail
- * * * * * Snowmobile Trails

Feet
1,000 500 0 1,000 2,000
1 in = 1,000 feet

**MAP
C3**

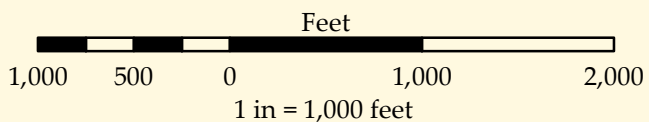
10
Acres
0.66 in. 1:12,000



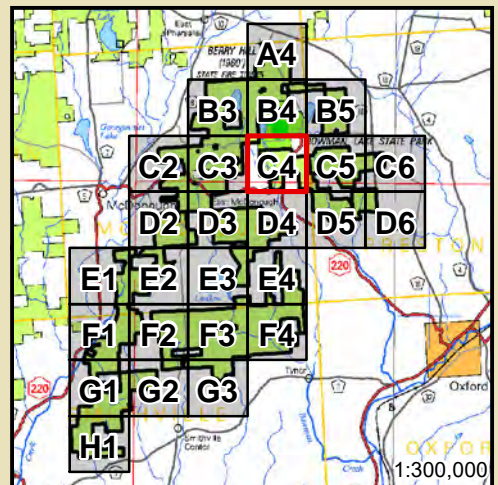
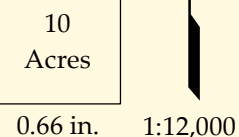


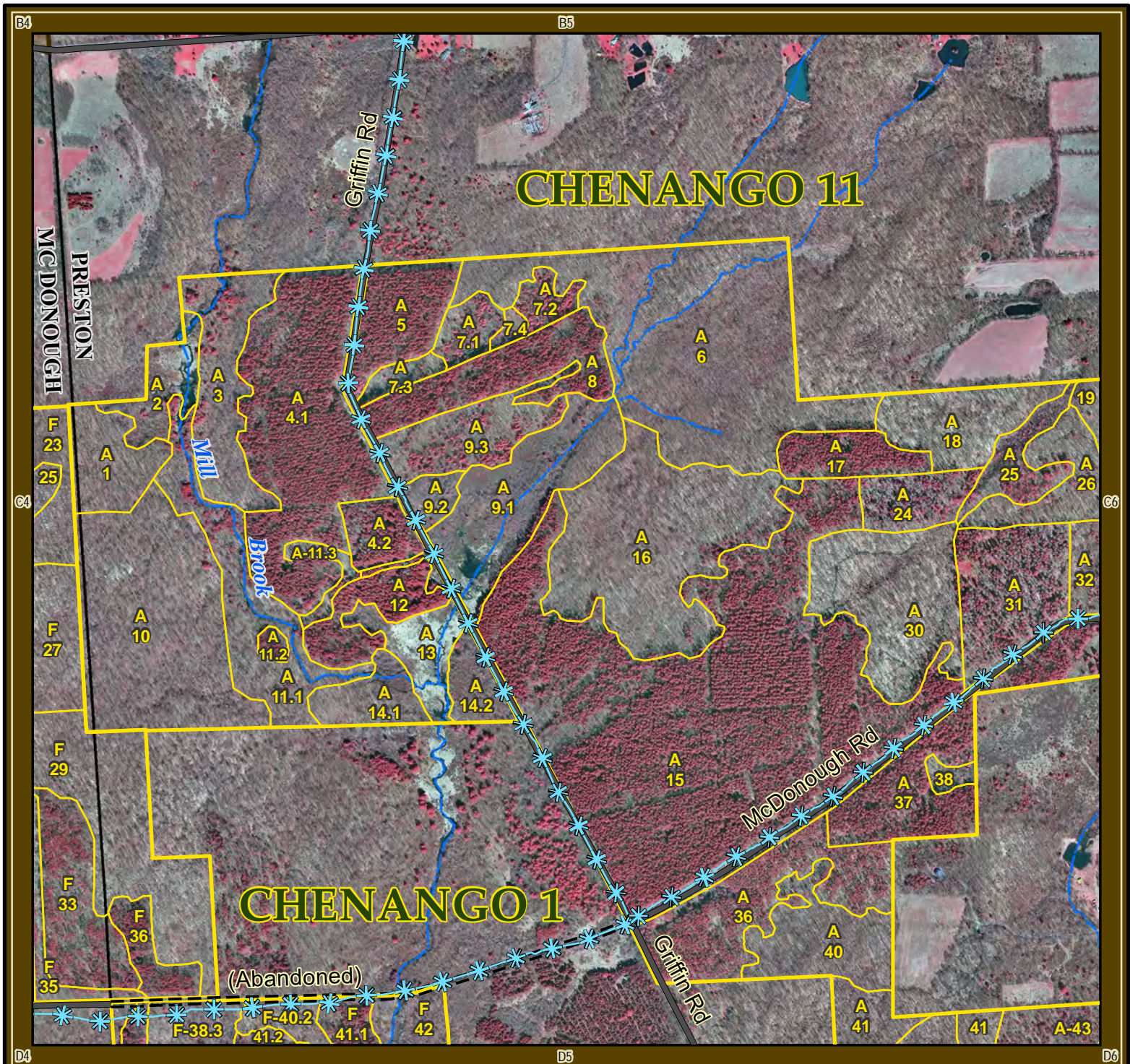
McDonough Unit Management Area State Forest Stands Mosaic

- | | |
|----------------------|--------------------|
| Stand boundaries | Finger Lakes Trail |
| Nearby State Forests | Kopak-Whaley Trail |
| Town boundary | Motorized Trail |
| Streams | Accessible Trail |
| | Snowmobile Trails |



**MAP
C4**





McDonough Unit Management Area State Forest Stands Mosaic

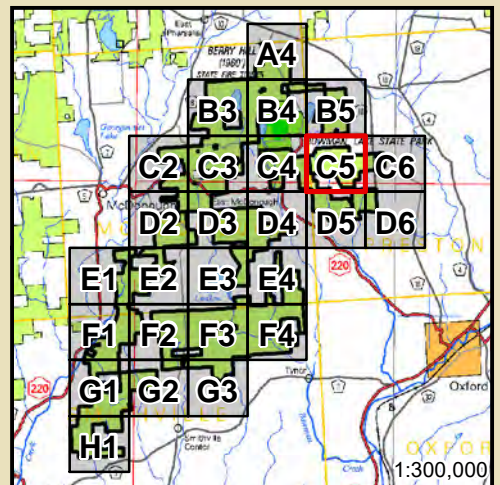
- Stand boundaries
- Nearby State Forests
- Town boundary
- Streams
- o o o o o Finger Lakes Trail
- Kopak-Whaley Trail
- Motorized Trail
- Accessible Trail
- * * * * * Snowmobile Trails

**MAP
C5**

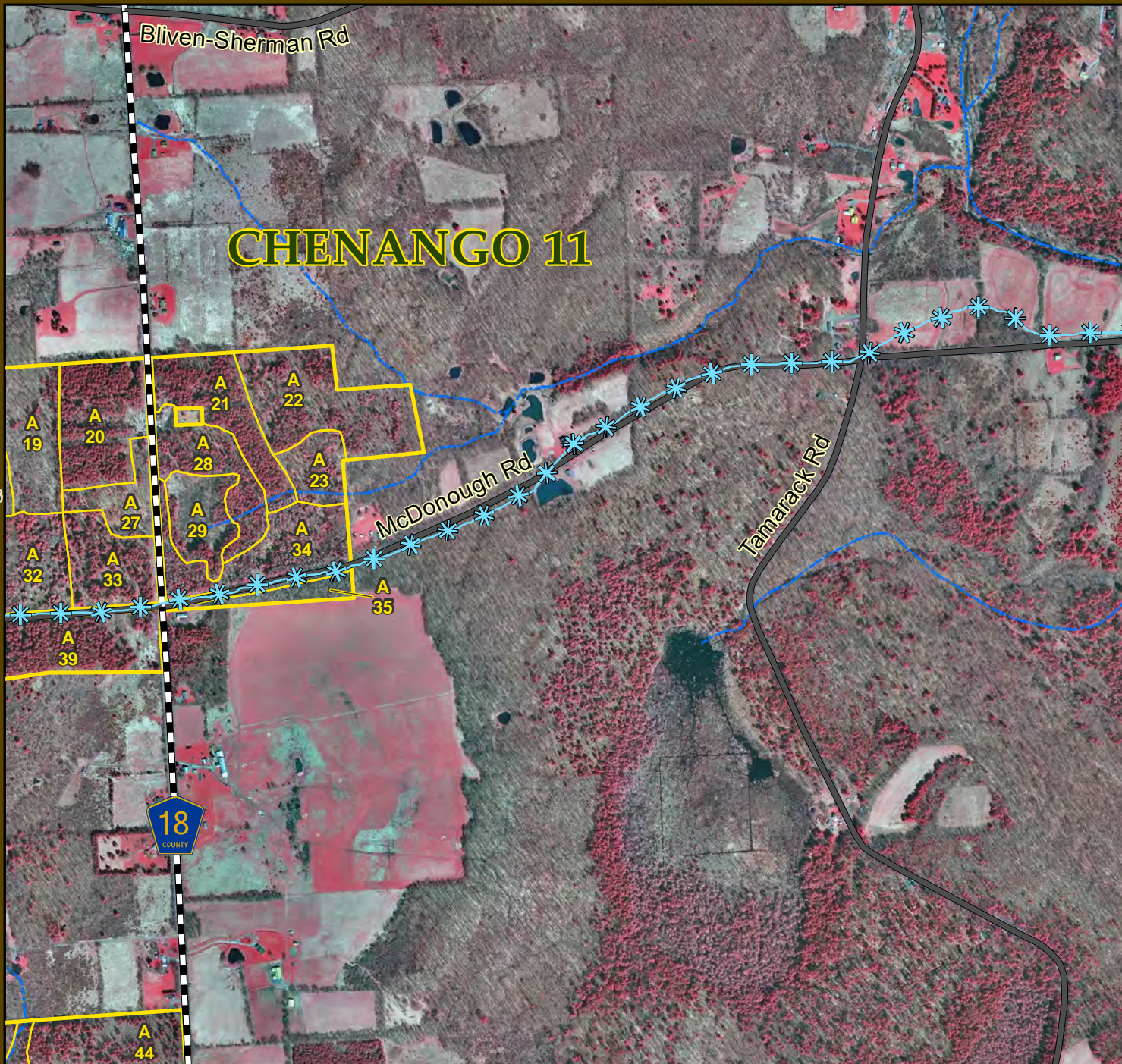
10
Acres

0.66 in.

1:12,000

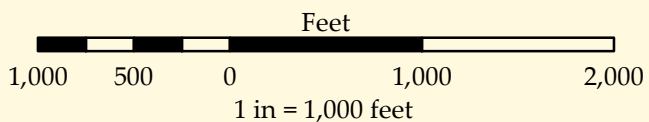


CHENANGO 11



McDonough Unit Management Area State Forest Stands Mosaic

- Stand boundaries
- Nearby State Forests
- Town boundary
- Streams
- o o o o o Finger Lakes Trail
- Kopak-Whaley Trail
- Motorized Trail
- Accessible Trail
- * * * * * Snowmobile Trails

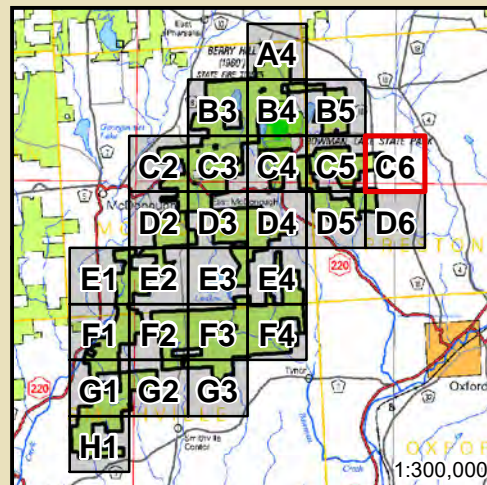


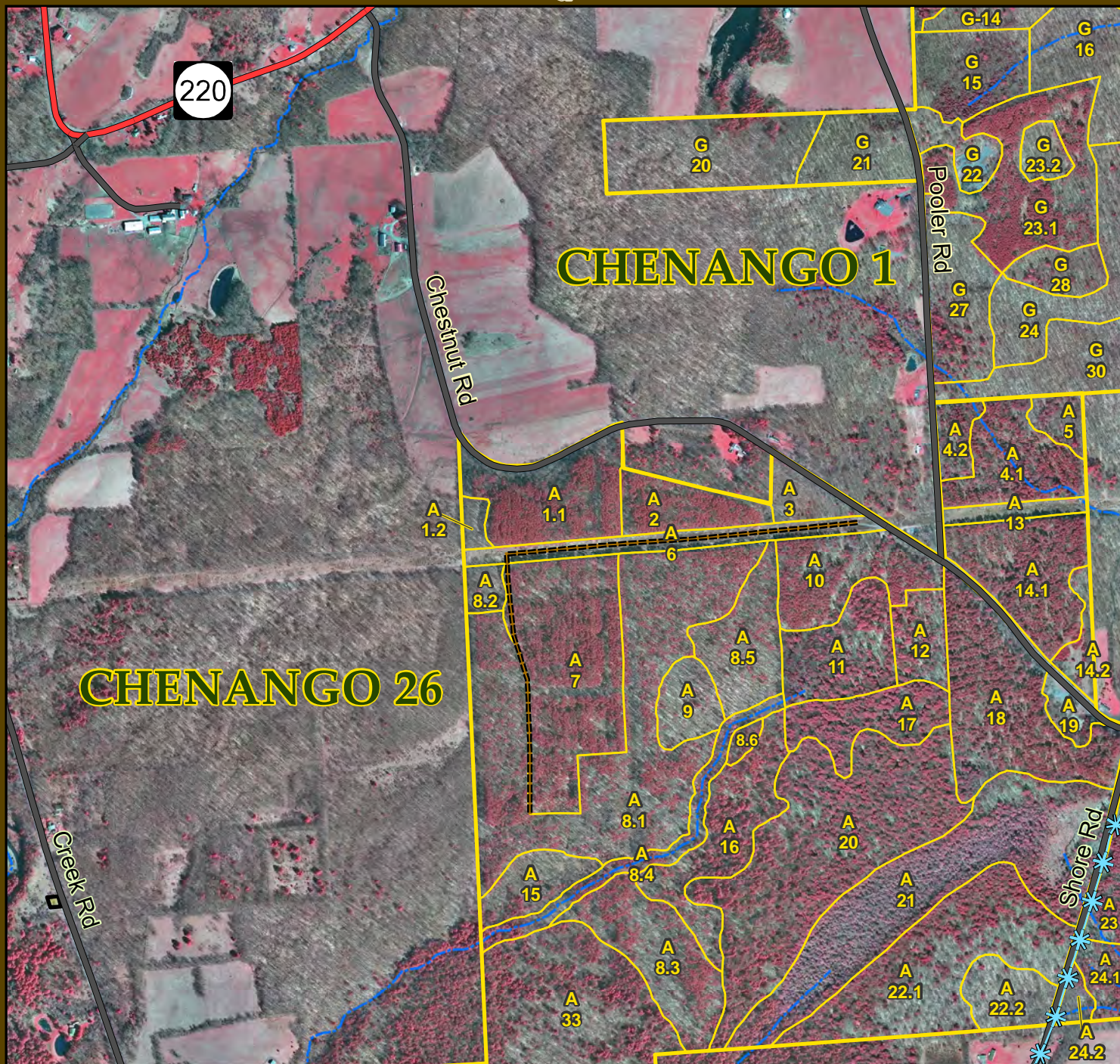
**MAP
C6**

10
Acres

0.66 in.

1:12,000





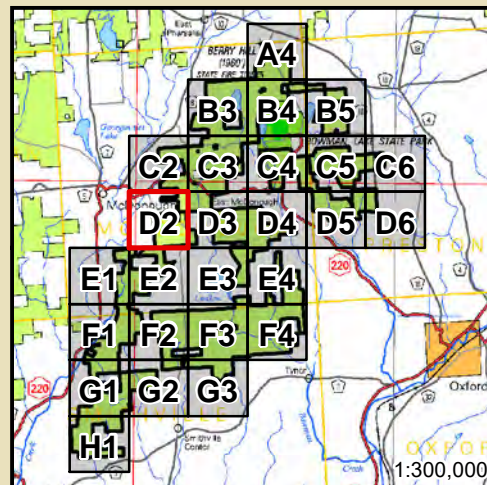
McDonough Unit Management Area State Forest Stands Mosaic

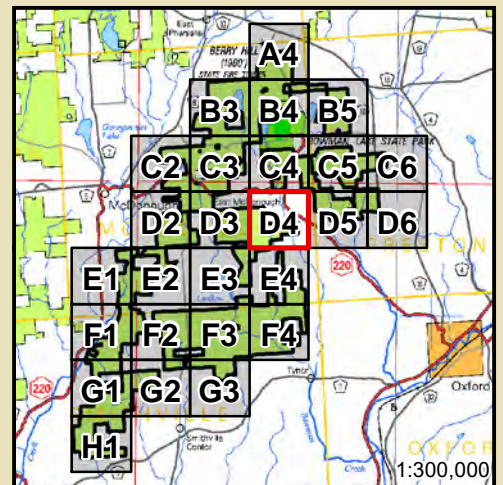
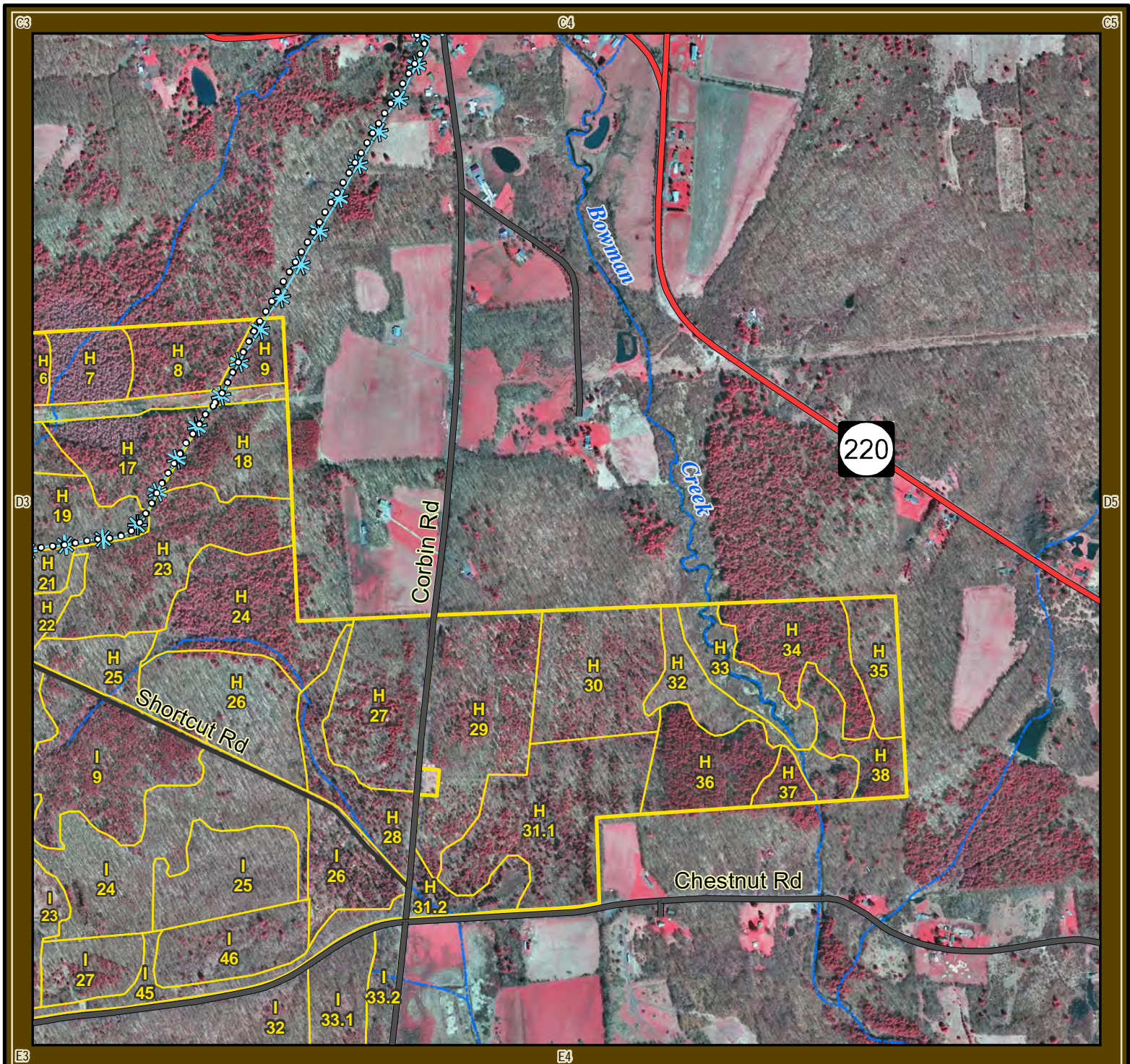
- Stand boundaries
- Nearby State Forests
- Town boundary
- Streams
- Finger Lakes Trail
- Kopak-Whaley Trail
- Motorized Trail
- Accessible Trail
- Snowmobile Trails

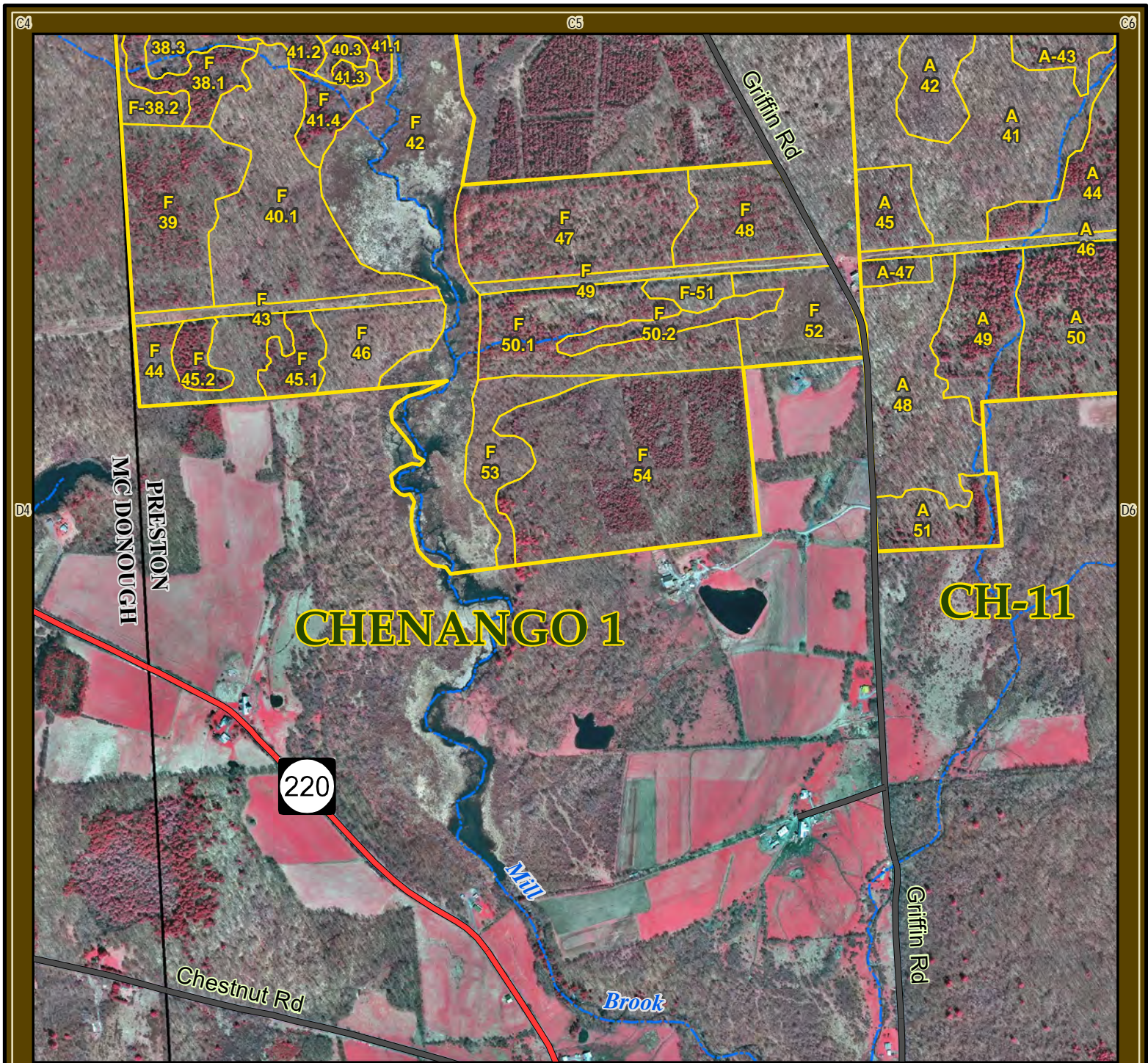
**MAP
D2**

Feet
1,000 500 0 1,000 2,000
1 in = 1,000 feet

10
Acres
0.66 in.







McDonough Unit Management Area State Forest Stands Mosaic

- Stand boundaries
- Nearby State Forests
- Town boundary
- Streams
- o o o o o Finger Lakes Trail
- Kopak-Whaley Trail
- Motorized Trail
- Accessible Trail
- * * * * * Snowmobile Trails

**MAP
D5**

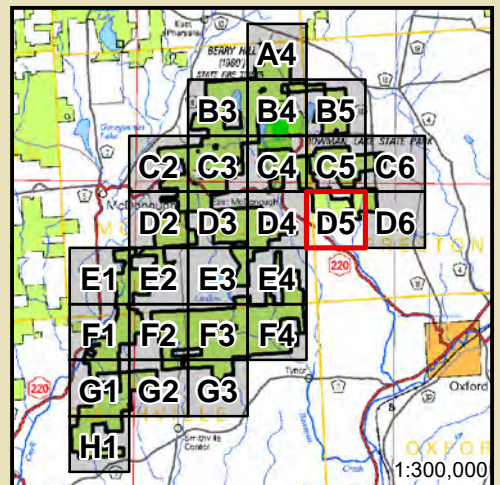


Feet
1,000 500 0 1,000 2,000
1 in = 1,000 feet

10
Acres

0.66 in.

1:12,000

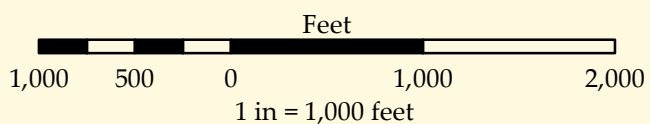


CHENANGO 11



McDonough Unit Management Area State Forest Stands Mosaic

- Stand boundaries
- Nearby State Forests
- Town boundary
- Streams
- o o o o o Finger Lakes Trail
- Kopak-Whaley Trail
- Motorized Trail
- Accessible Trail
- * * * Snowmobile Trails

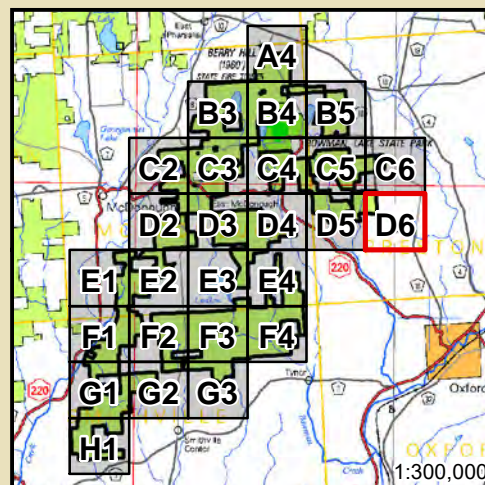


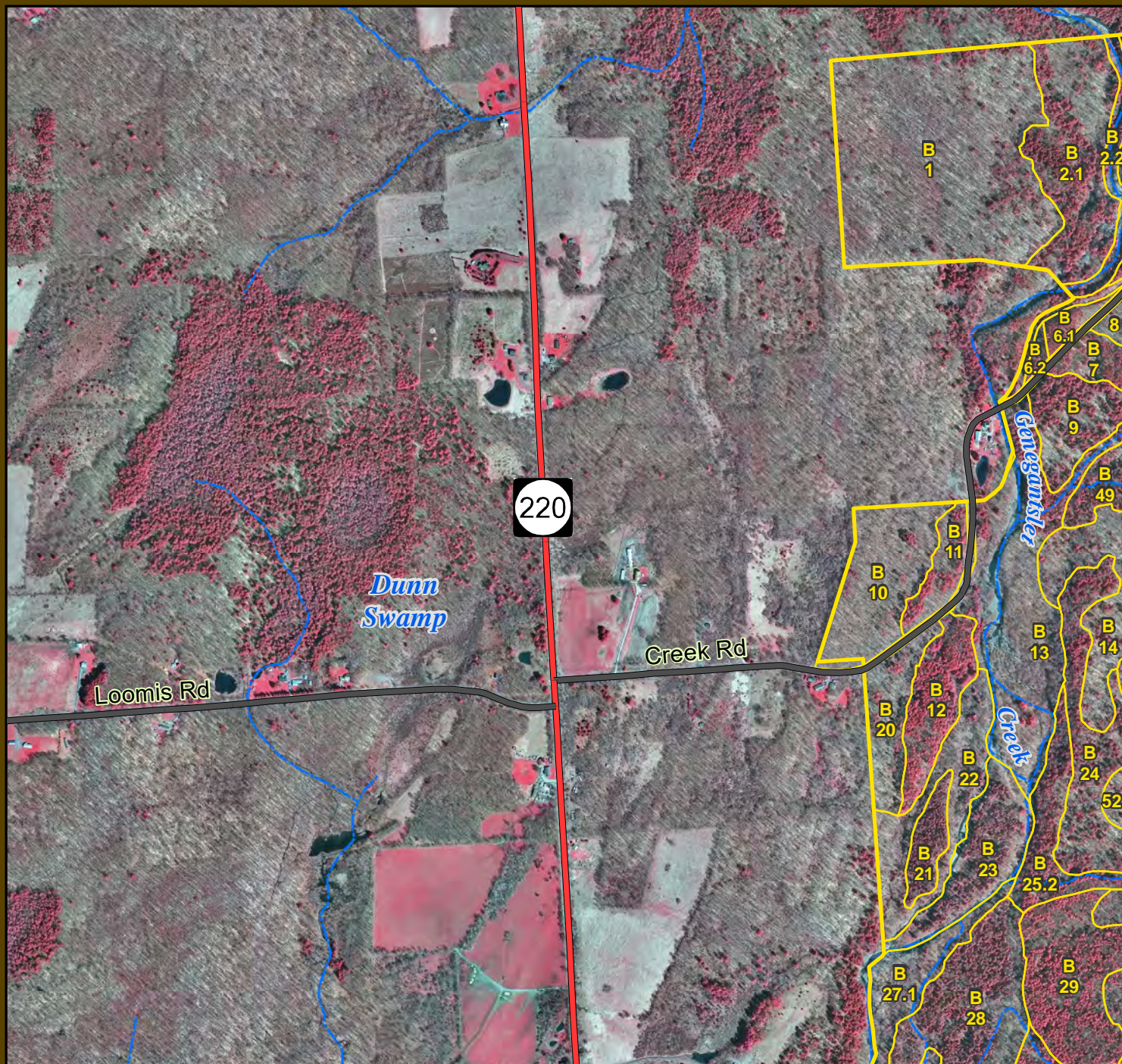
**MAP
D6**

10
Acres

0.66 in.

1:12,000





McDonough Unit Management Area State Forest Stands Mosaic

- Stand boundaries
- Nearby State Forests
- Town boundary
- Streams
- o o o o o Finger Lakes Trail
- Kopak-Whaley Trail
- Motorized Trail
- Accessible Trail
- * * * * * Snowmobile Trails

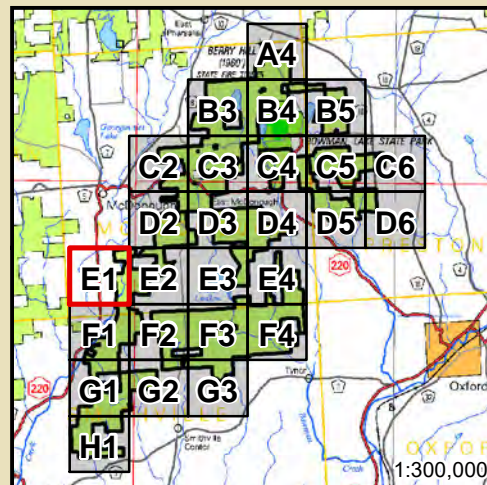
Feet
1,000 500 0 1,000 2,000
1 in = 1,000 feet

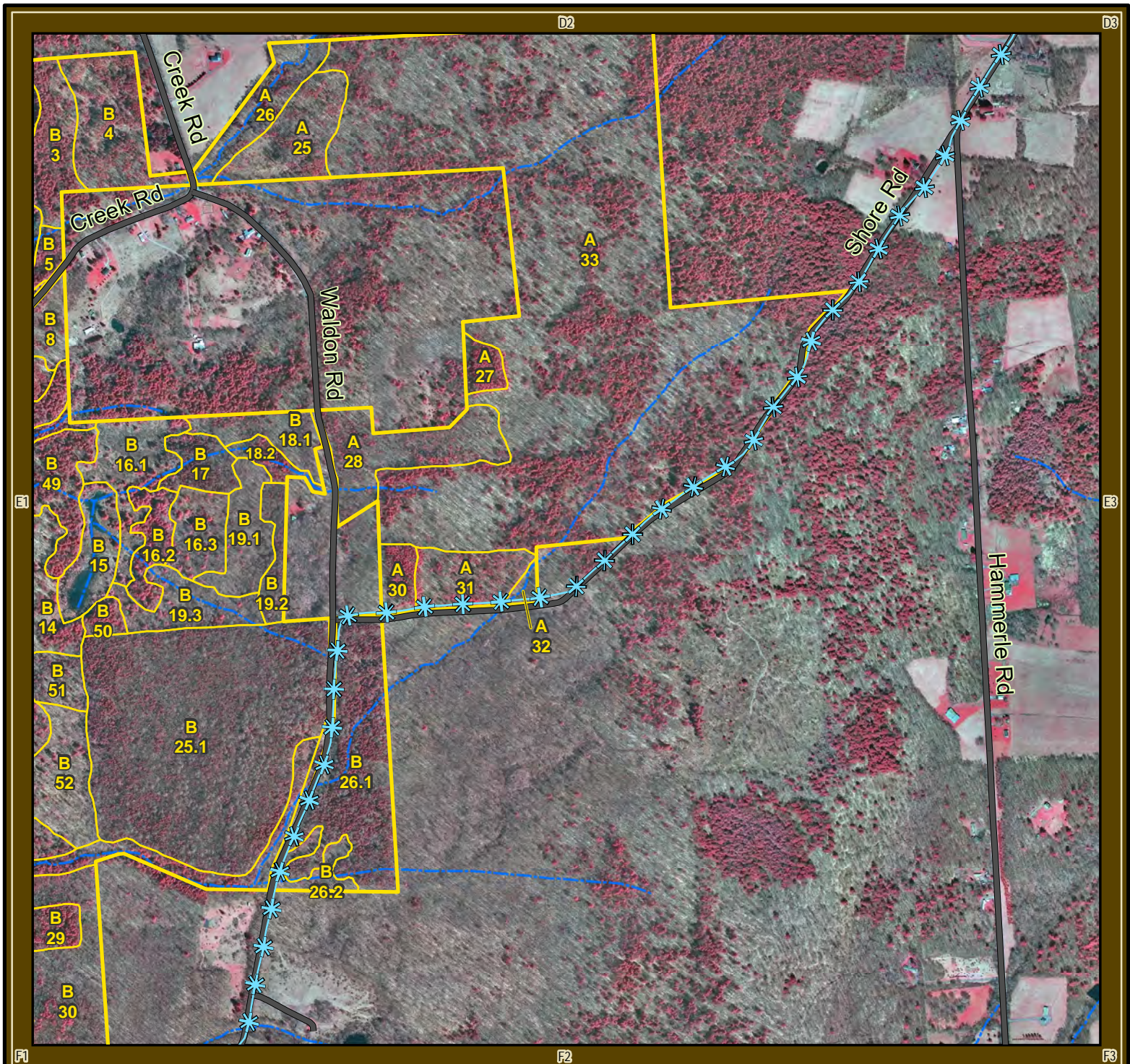
**MAP
E1**

10
Acres

0.66 in.

1:12,000





McDonough Unit Management Area State Forest Stands Mosaic

- Stand boundaries
- Nearby State Forests
- Town boundary
- Streams
- o o o o o Finger Lakes Trail
- Kopak-Whaley Trail
- Motorized Trail
- Accessible Trail
- * * * * * Snowmobile Trails

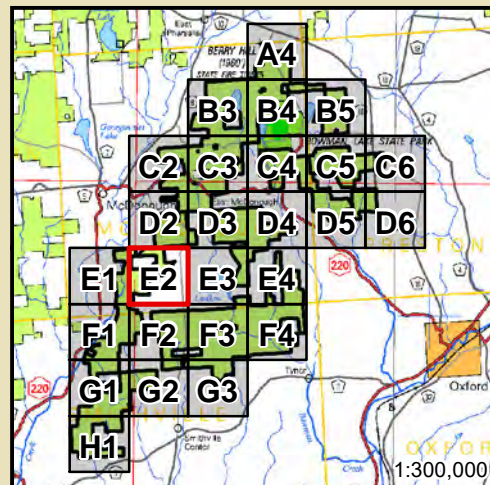
Feet
1,000 500 0 1,000 2,000
1 in = 1,000 feet

**MAP
E2**

10
Acres

0.66 in.

1:12,000





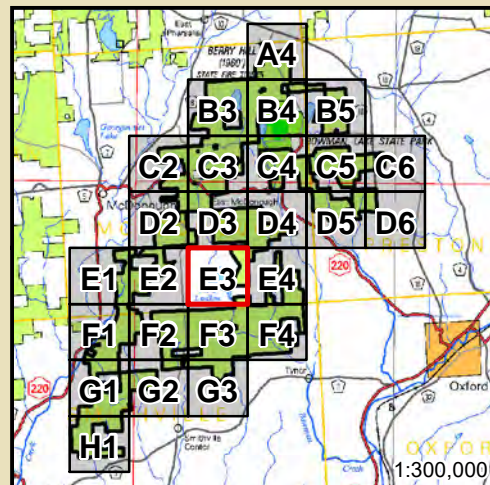
McDonough Unit Management Area State Forest Stands Mosaic

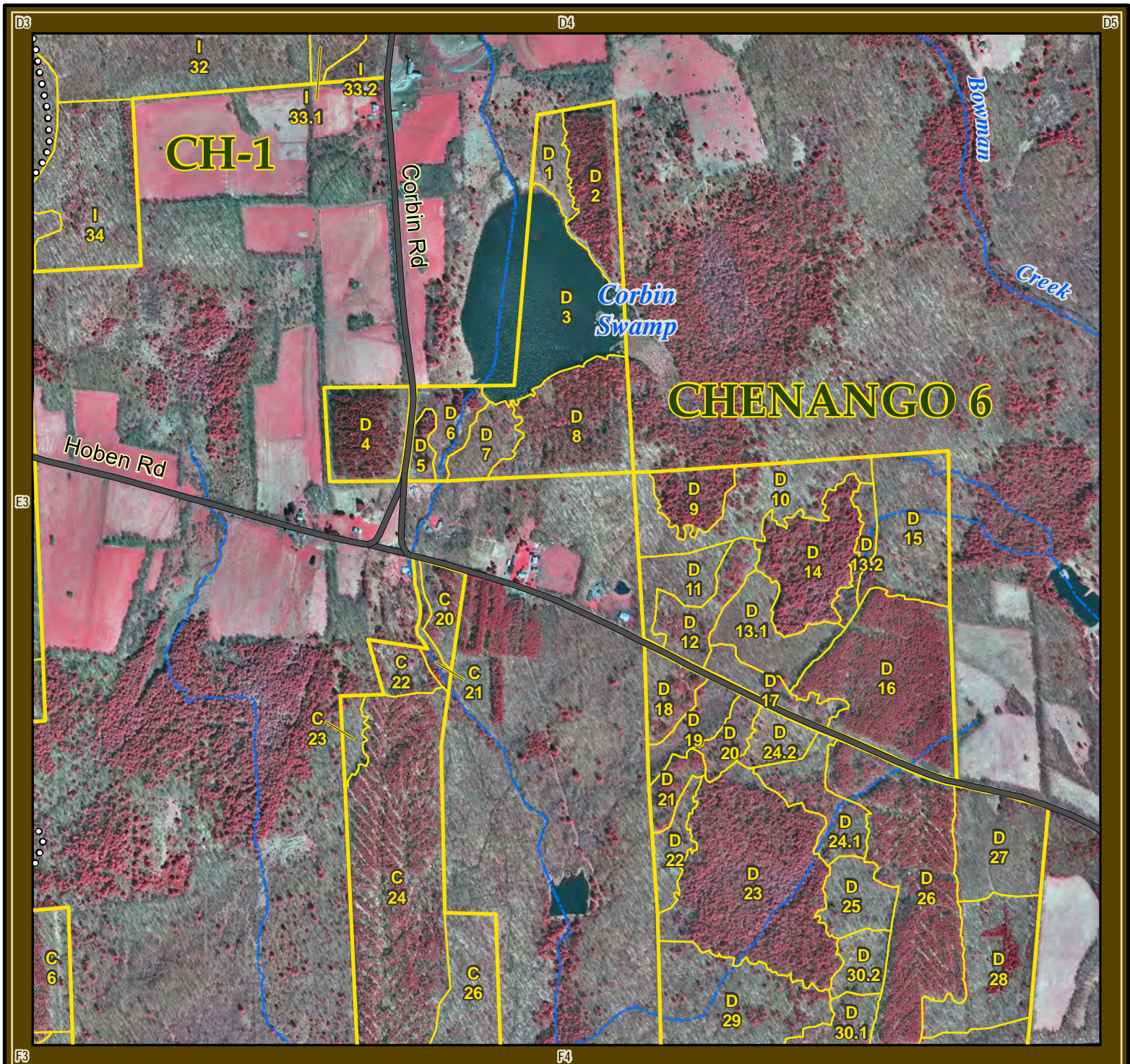
- Stand boundaries
- Nearby State Forests
- Town boundary
- Streams
- Finger Lakes Trail
- Kopak-Whaley Trail
- Motorized Trail
- Accessible Trail
- Snowmobile Trails

MAP
E3

Feet
1,000 500 0 1,000 2,000
1 in = 1,000 feet

10
Acres
0.66 in.





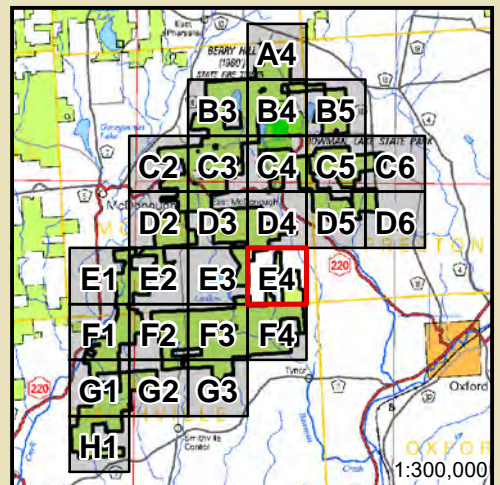
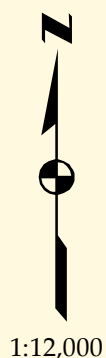
McDonough Unit Management Area State Forest Stands Mosaic

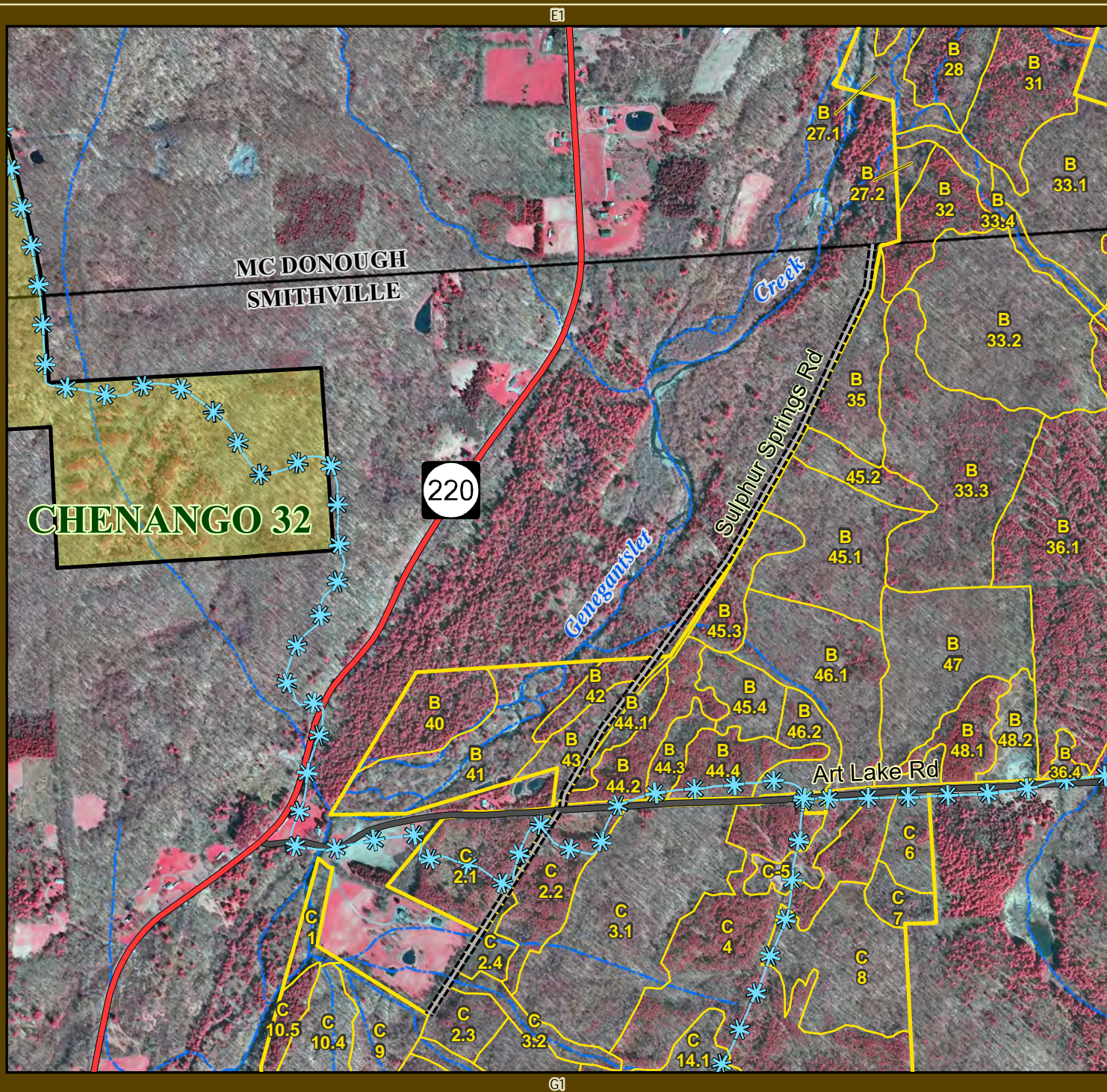
- Stand boundaries
- Nearby State Forests
- Town boundary
- Streams
- o o o o o Finger Lakes Trail
- Kopak-Whaley Trail
- Motorized Trail
- Accessible Trail
- * * * * * Snowmobile Trails

Feet
1,000 500 0 1,000 2,000
1 in = 1,000 feet

**MAP
E4**

10
Acres
0.66 in.





McDonough Unit Management Area State Forest Stands Mosaic

- Stand boundaries
- Nearby State Forests
- Town boundary
- Streams
- o o o o o Finger Lakes Trail
- Kopak-Whaley Trail
- Motorized Trail
- Accessible Trail
- * * * * * Snowmobile Trails

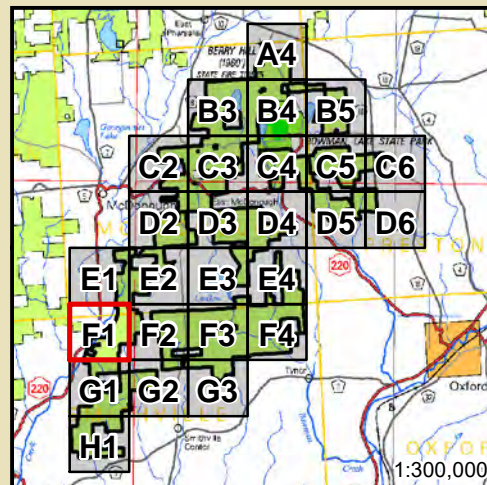
Feet
1,000 500 0 1,000 2,000
1 in = 1,000 feet

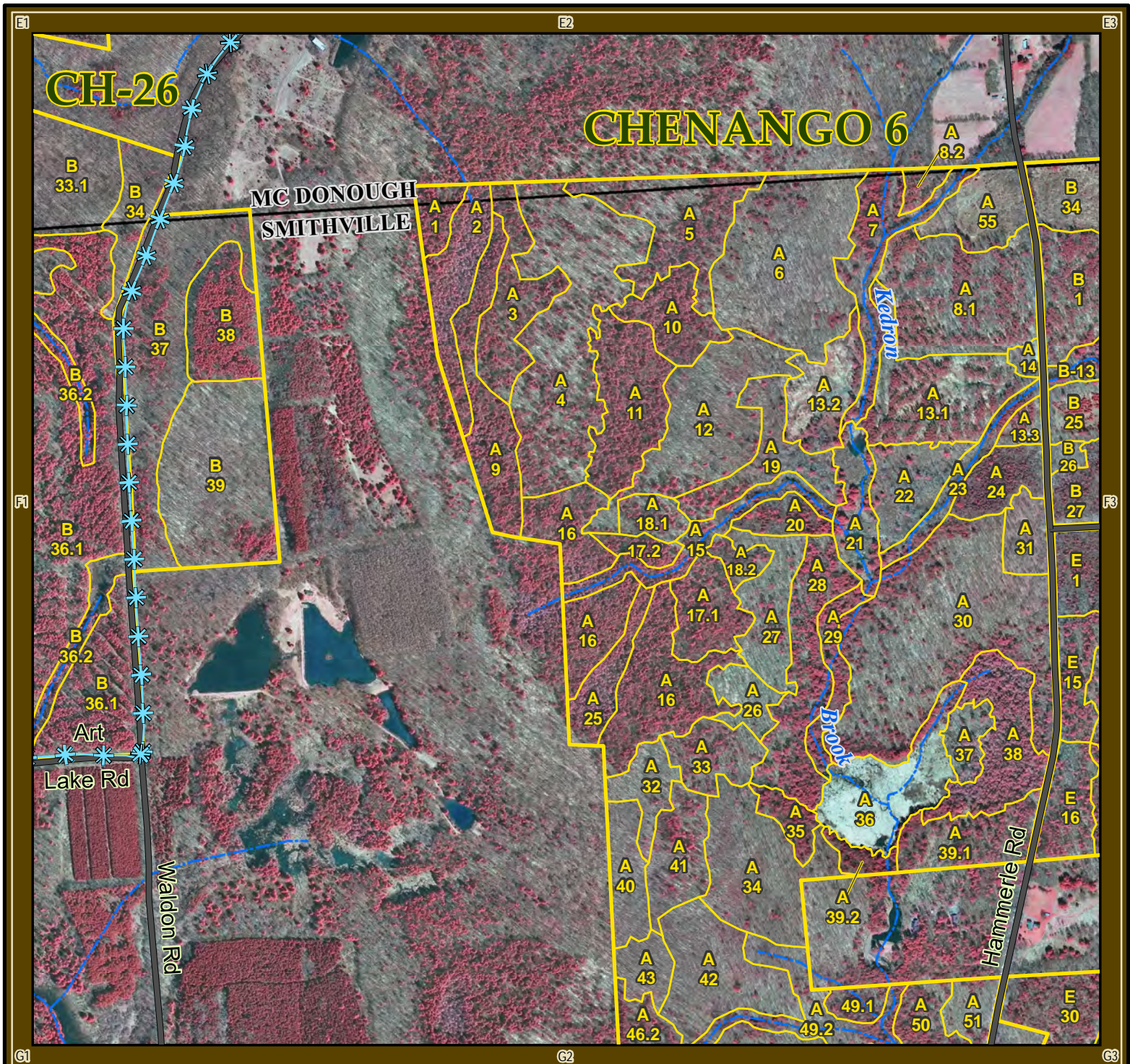
**MAP
F1**

10
Acres

0.66 in.

1:12,000





McDonough Unit Management Area State Forest Stands Mosaic

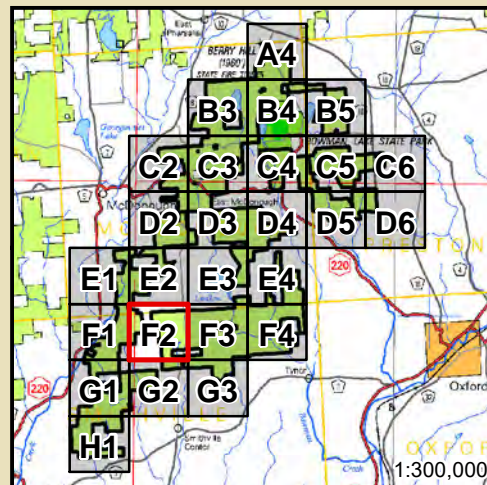
- Stand boundaries
- Nearby State Forests
- Town boundary
- Streams
- Finger Lakes Trail
- Kopak-Whaley Trail
- Motorized Trail
- Accessible Trail
- Snowmobile Trails

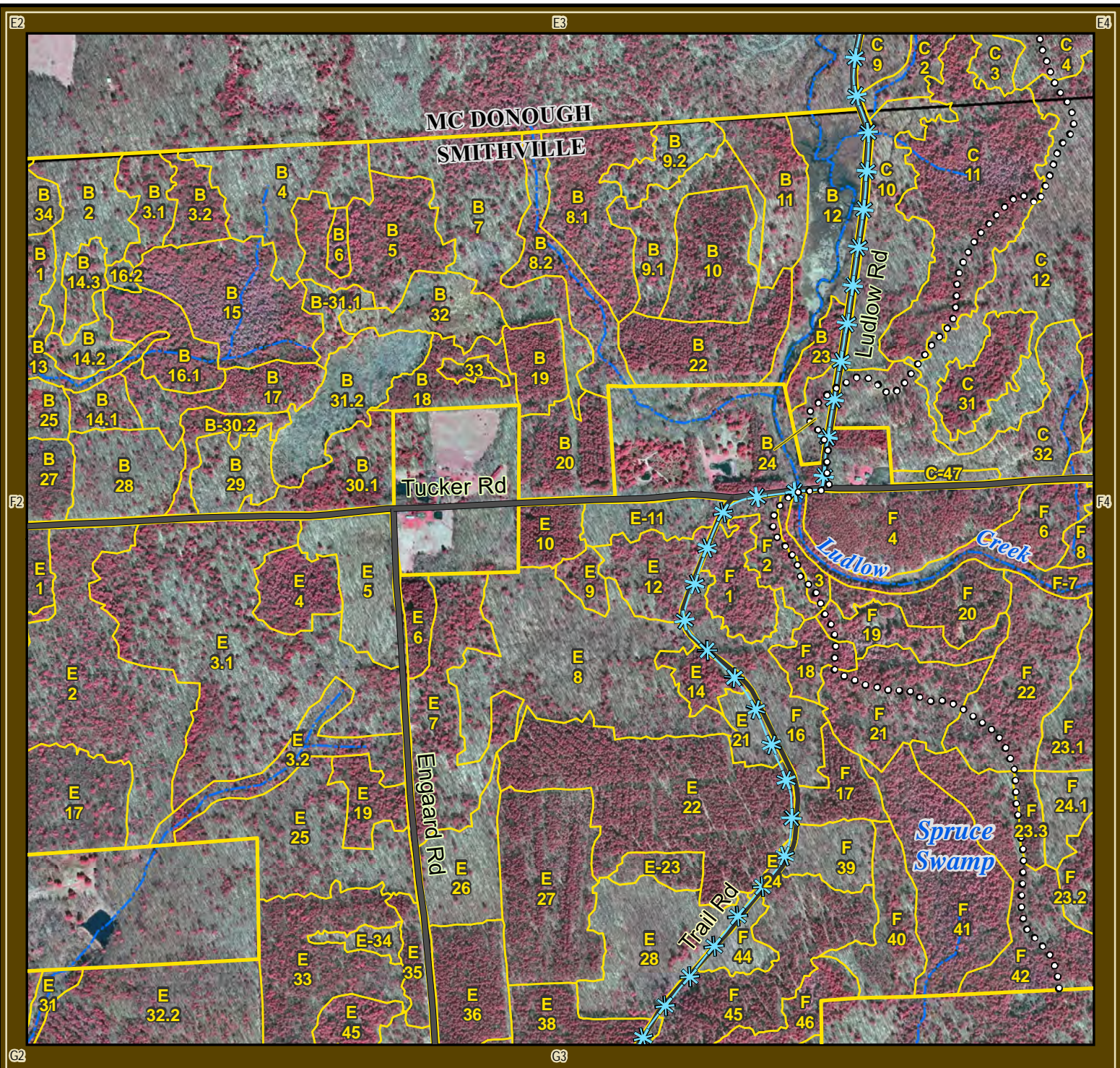
**MAP
F2**

10
Acres

0.66 in.

1:12,000





McDonough Unit Management Area State Forest Stands Mosaic

- Stand boundaries
- Nearby State Forests
- Town boundary
- Streams
- o o o o o Finger Lakes Trail
- Kopak-Whaley Trail
- Motorized Trail
- Accessible Trail
- * * * * * Snowmobile Trails

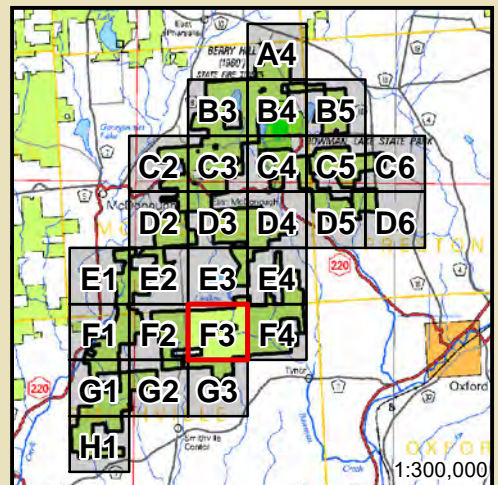
**MAP
F3**

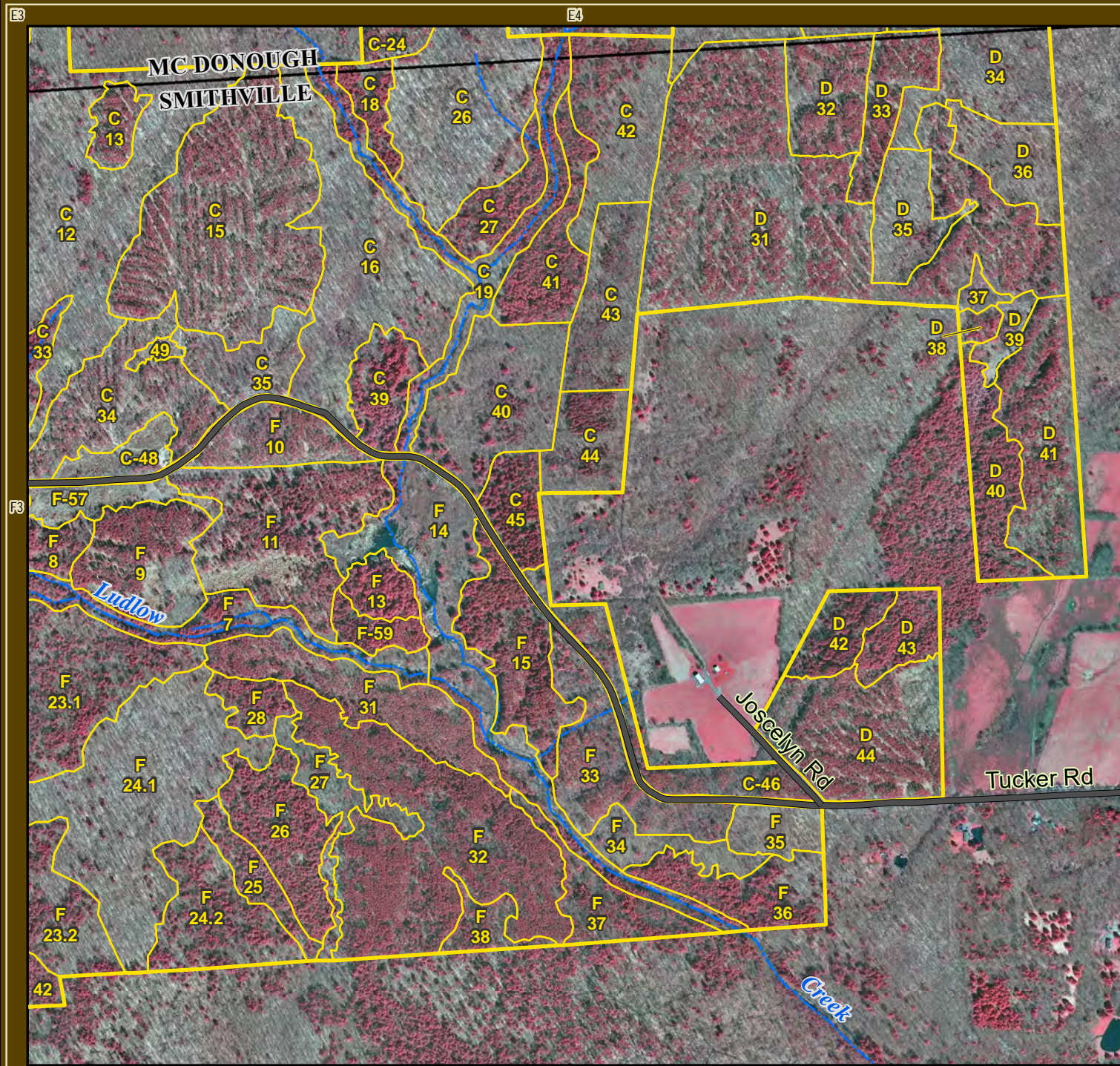
10
Acres

0.66 in.

1:12,000

Feet
1,000 500 0 1,000 2,000
1 in = 1,000 feet





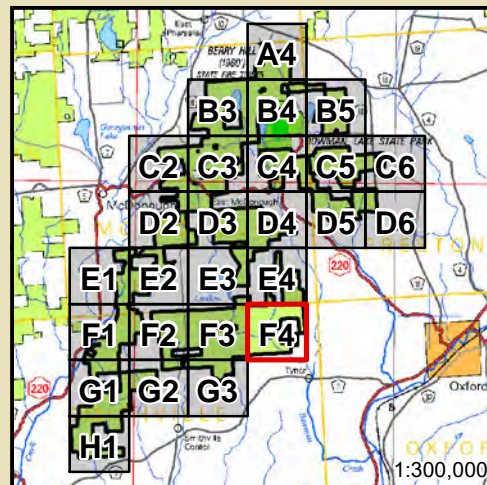
McDonough Unit Management Area State Forest Stands Mosaic

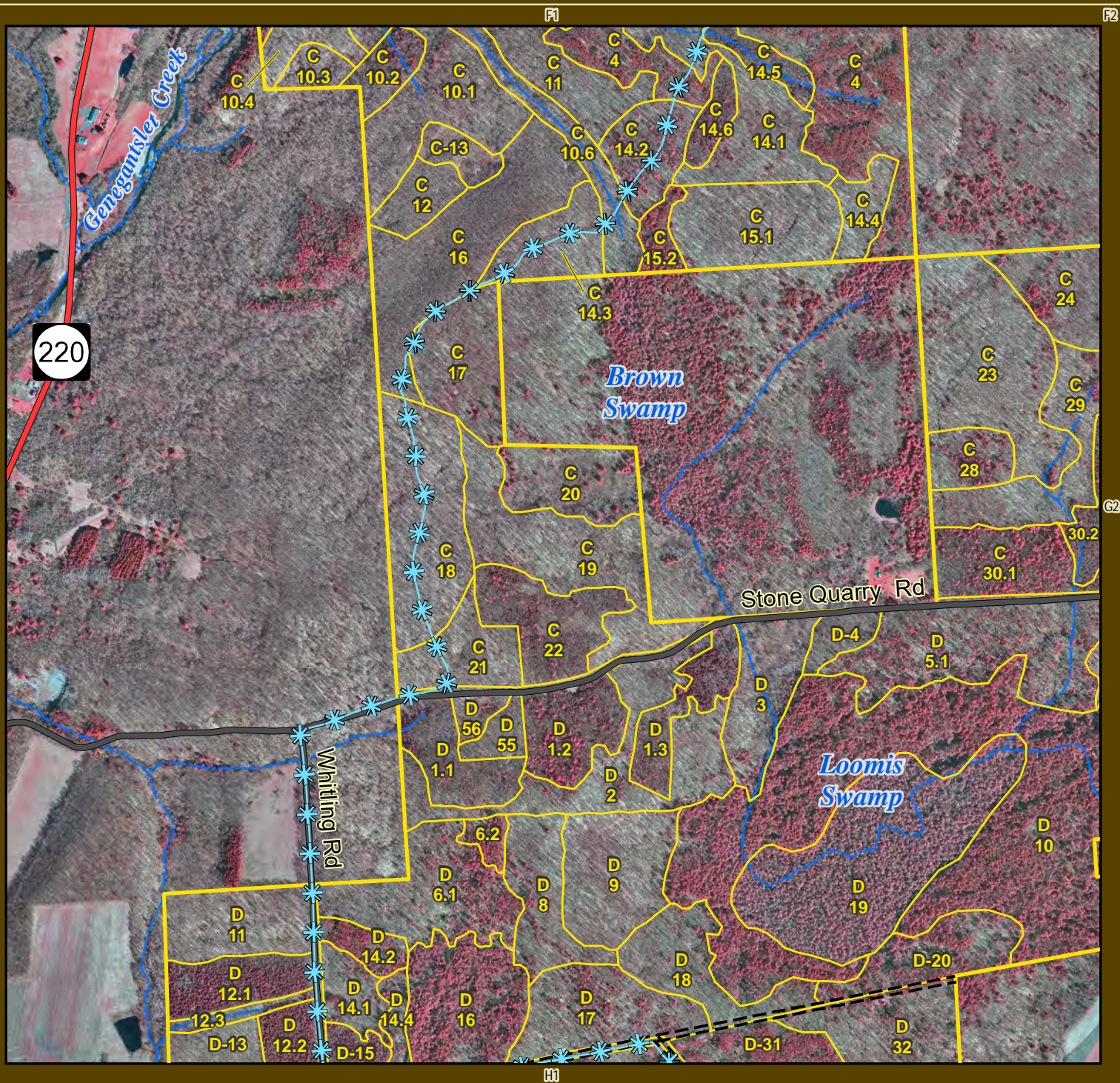
- Stand boundaries
- Nearby State Forests
- Town boundary
- Streams
- Finger Lakes Trail
- - - - - Kopak-Whaley Trail
- - - - - Motorized Trail
- — — — — Accessible Trail
- * * * * * Snowmobile Trails

**MAP
F4**

10
Acres

Feet
1,000 500 0 1,000 2,000
1 in = 1,000 feet





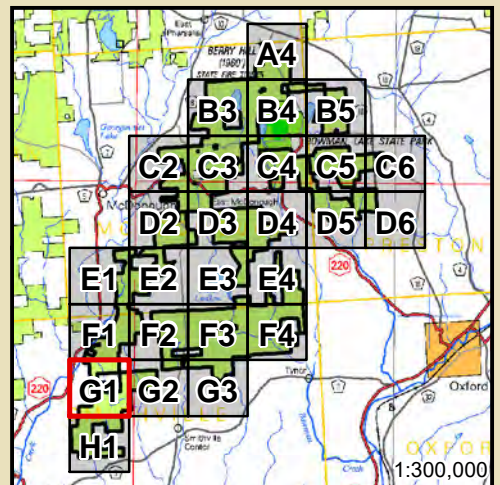
McDonough Unit Management Area State Forest Stands Mosaic

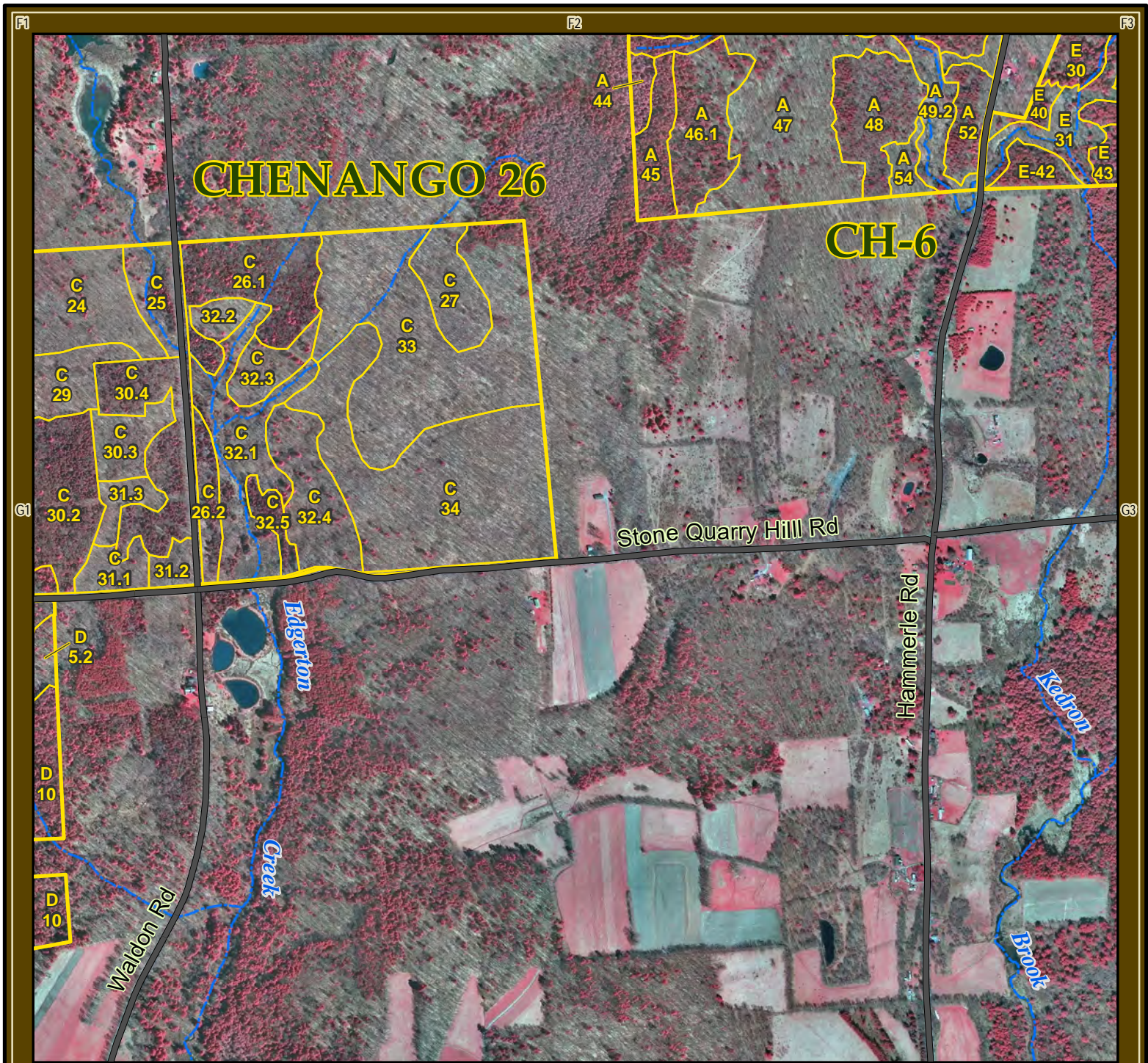
- Stand boundaries
- Nearby State Forests
- Town boundary
- Streams
- o o o o o Finger Lakes Trail
- Kopak-Whaley Trail
- Motorized Trail
- Accessible Trail
- * * * * * Snowmobile Trails

Feet
1,000 500 0 1,000 2,000
1 in = 1,000 feet

**MAP
G1**

10
Acres
0.66 in. 1:12,000





McDonough Unit Management Area State Forest Stands Mosaic

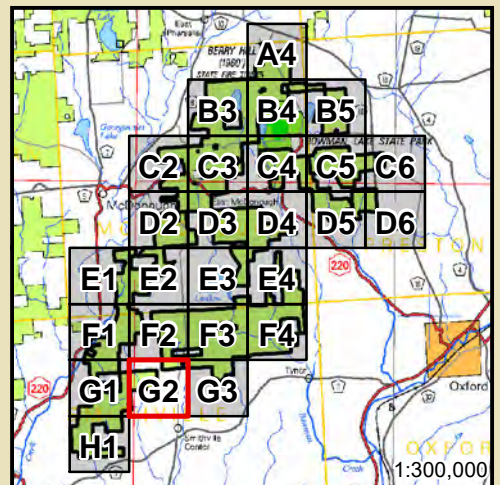
- Stand boundaries
- Nearby State Forests
- Town boundary
- Streams
- o o o o o Finger Lakes Trail
- Kopak-Whaley Trail
- Motorized Trail
- Accessible Trail
- * * * Snowmobile Trails

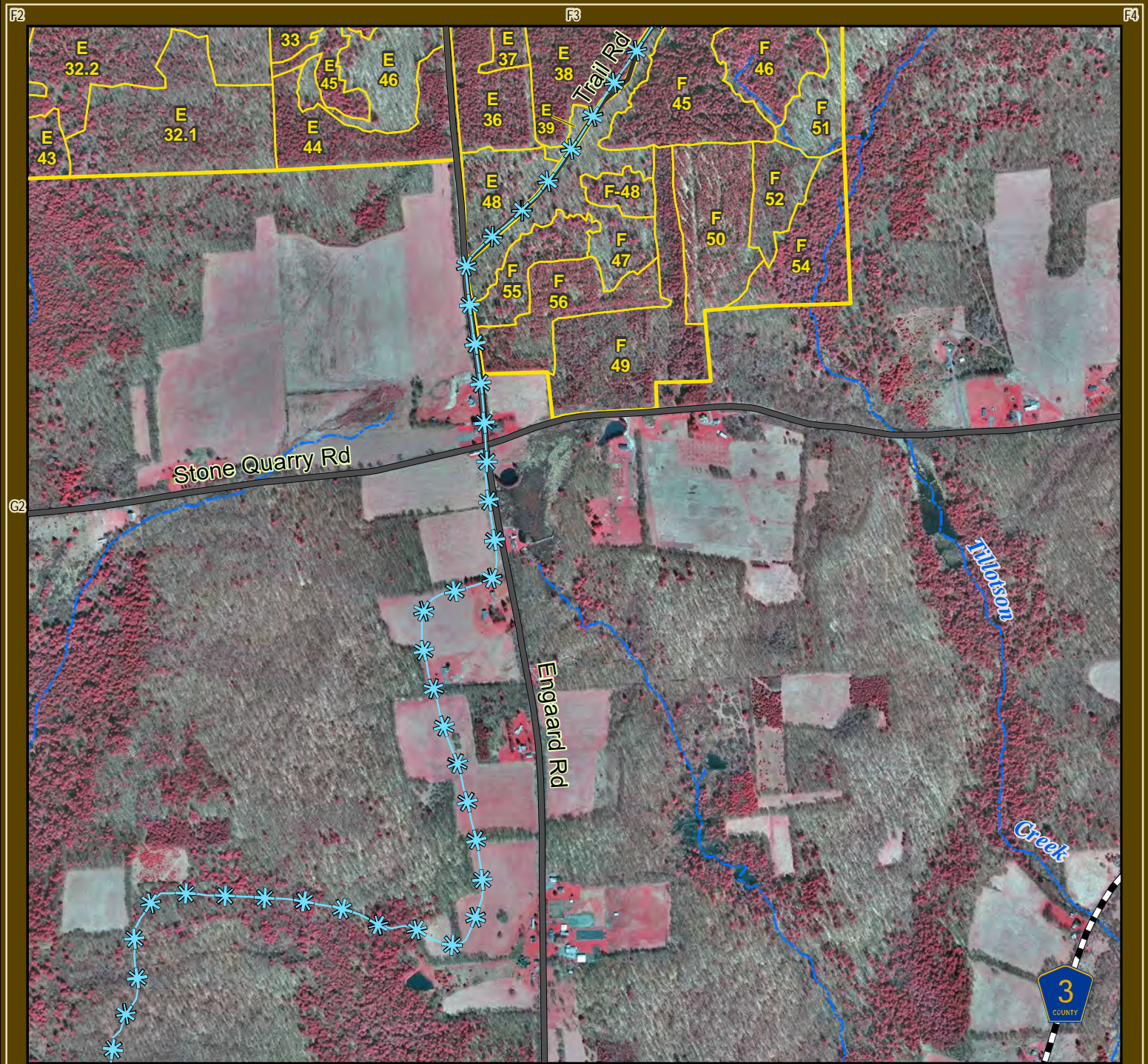
Feet
1,000 500 0 1,000 2,000
1 in = 1,000 feet

**MAP
G2**

10
Acres

0.66 in.





McDonough Unit Management Area State Forest Stands Mosaic

- Stand boundaries
- Nearby State Forests
- Town boundary
- Streams
- Finger Lakes Trail
- - - - - Kopak-Whaley Trail
- - - - - Motorized Trail
- Accessible Trail
- * * * * * Snowmobile Trails

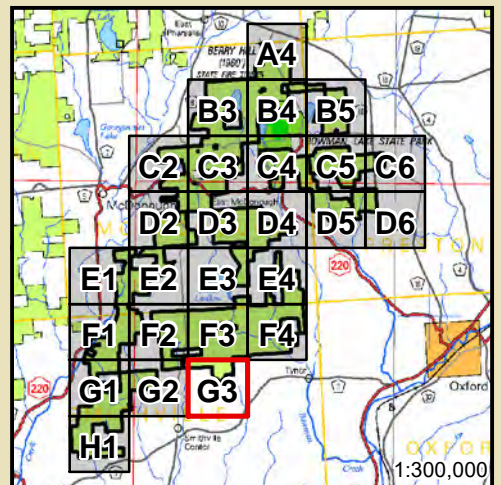
Feet
1,000 500 0 1,000 2,000
1 in = 1,000 feet

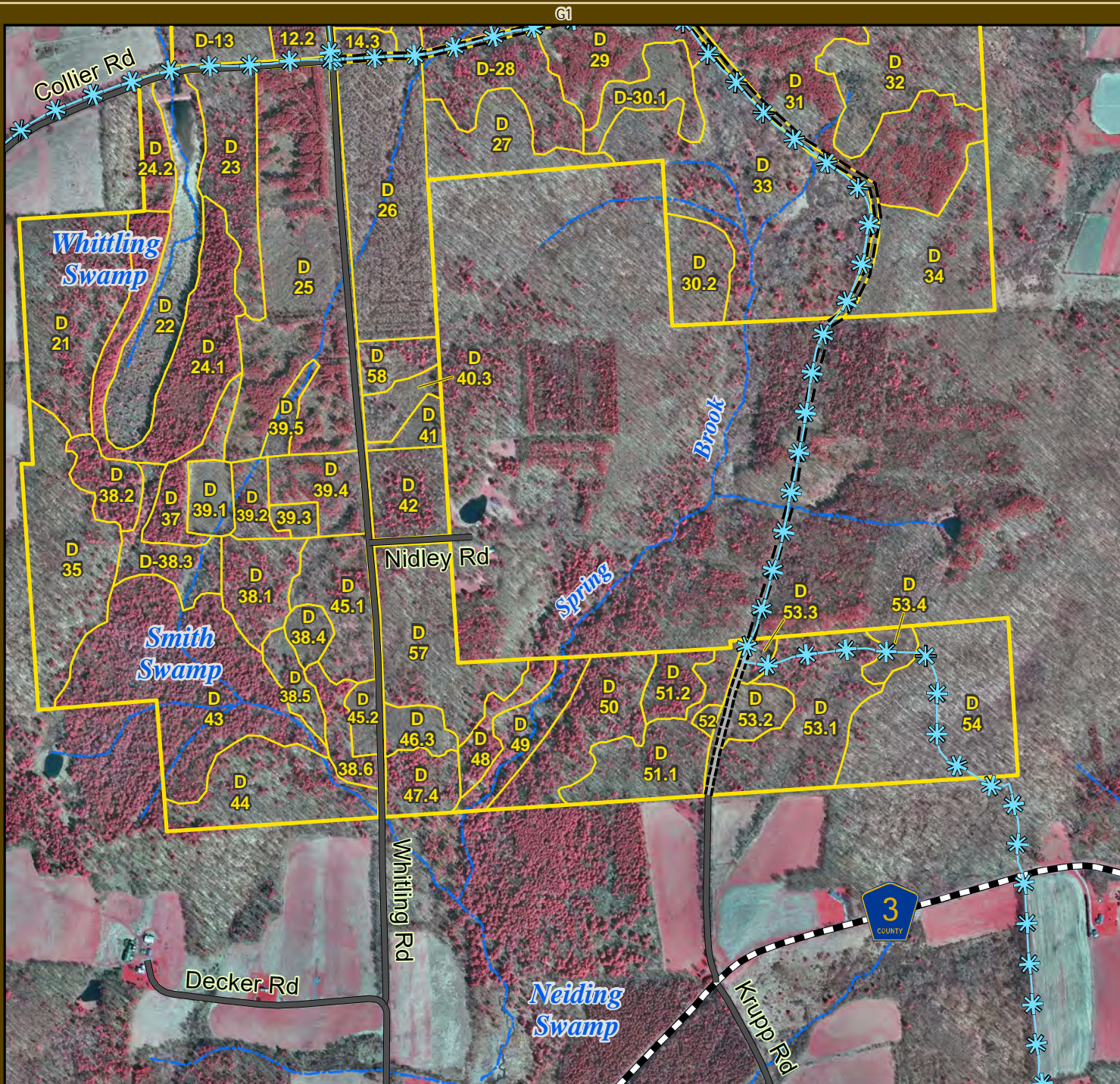
**MAP
G3**

10
Acres

0.66 in.

1:12,000





McDonough Unit Management Area State Forest Stands Mosaic

- Stand boundaries
- Nearby State Forests
- Town boundary
- Streams
- o o o o o Finger Lakes Trail
- Kopak-Whaley Trail
- - - - - Motorized Trail
- _ _ _ _ _ Accessible Trail
- * * * * * Snowmobile Trails

**MAP
H1**

10
Acres

0.66 in.

1:12,000

Feet
1,000 500 0 1,000 2,000
1 in = 1,000 feet

