



**ROSCOMMON FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 177 ENTRY YEAR: 2011

Compartment Acreage: 2484 County: Ogemaw

Revision Date: 3-11-2009

Stand Examiner: Jason Lewicki

Legal Description: T24N R01W Sections 4, 9 & 16

RMU (if applicable):N/A

Management Goals: To maintain species and structural diversity while managing the ecosystem for health, productivity, sustainability and recreation within the compartment.

Soil and Topography: Upland soils in this compartment are good and consist of primarily Klacking sands mix. Lowland soils primarily consist of Tawas-Lupton Mucks. Topography is generally flat to slightly rolling.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Much of the entire area is under state ownership.

Unique, Natural Features: Much of the area is dedicated to Kirtlands Warbler habitat.

Archeological, Historical, and Cultural Features: Evidence of old foundations can be found in the grass openings of section 4.

Special Management Designations or Considerations: Much of the area is dedicated to Kirtlands Warbler habitat which is an "SCA".

Watershed and Fisheries Considerations: None known

Wildlife Habitat Considerations: Provide and maintain habitat for a variety of game and non game species. Especially the Kirtlands Warbler

Mineral Resource and Development Concerns and/or Restrictions: Sections 24, T24N-R1E and Sections 17, 19 & 20, T24N-R2E, Ogemaw County

Surface sediments consist of ice-contact and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 400 and 600 feet. Beneath the glacial drift is the Mississippian Coldwater Shale. The Coldwater does not have a current economic use. Most of the good gravel pits are associated with upland areas. The nearest gravel pit is located two miles to the northeast and there should be good potential on the uplands. Some of the Rose City Fields are located in this Compartment. The fields have produced over 9.3 million BO and 9.9 Bcf gas from the Devonian Richfield Formation and are in secondary recovery operations currently. The main field also produces from the Prairie du Chien, and has

produced over 31 Bcf gas and 200,000 BO. Most of the State lands in the Compartment are currently leased and Held by Production.

Vehicle Access: Vehicle access is very good compartment within most areas of this compartment.

Survey Needs: None known at this time.

Recreational Facilities and Opportunities: Good vehicle access provides excellent hunting opportunities. Viewing the Kirtland's warbler. A snowmobile and ORV trail run through the compartment.

Fire Protection: Much of the compartment is jack pine cover types. This area has a history of large wildfires and is a major concern for this area.

Additional Compartment Information:

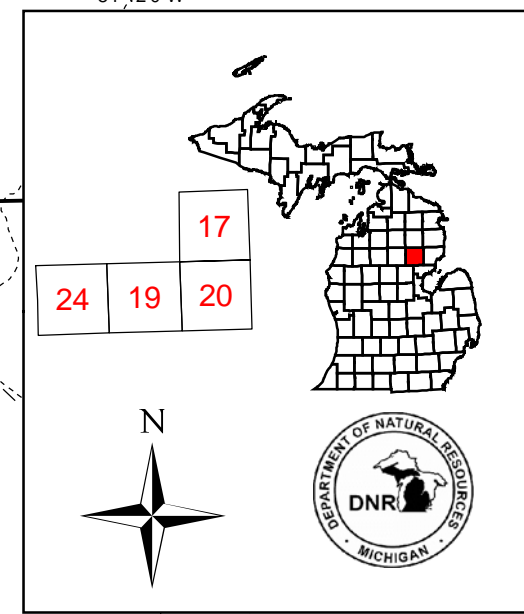
- **The following 5 reports from the Operations Inventory System (OIPC) are attached:**
 - ◆ **Cover Type by Age Class**
 - ◆ **Cover Type by Management Objective**
 - ◆ **Compartment Volume Summary**
 - ◆ **Proposed Treatments – No Limiting Factors**
 - ◆ **Proposed Treatments – With Limiting Factors**

- **The following information is displayed, where pertinent, on the attached compartment maps:**
 - ◆ **Base feature information, stand numbers, cover types**
 - ◆ **Proposed treatments**
 - ◆ **Proposed road access system**
 - ◆ **Suggested potential old growth**

Cover Type & Treatment Map

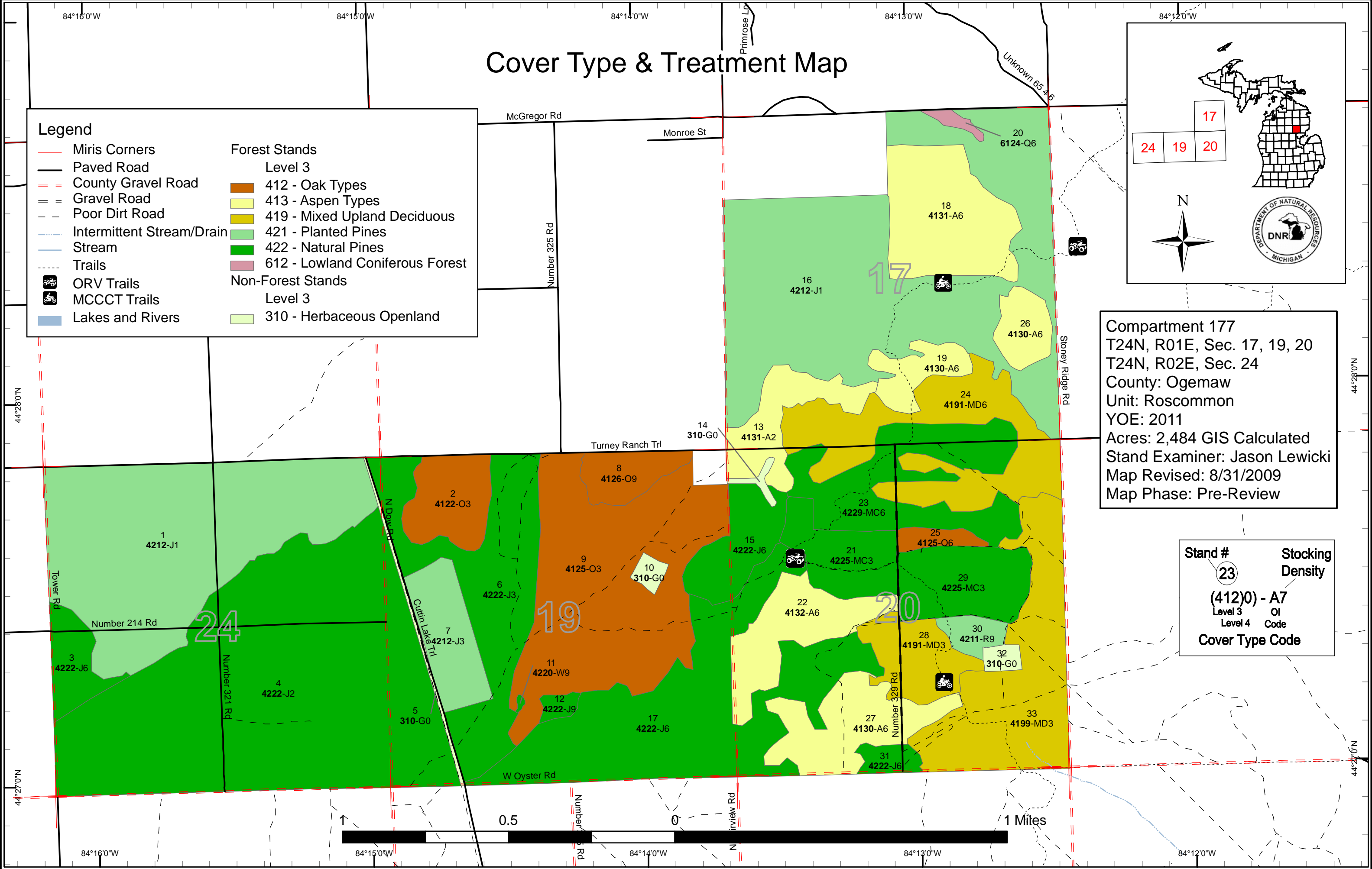
Legend

- Miris Corners
 - Paved Road
 - County Gravel Road
 - Gravel Road
 - Poor Dirt Road
 - Intermittent Stream/Drain
 - Stream
 - Trails
 - ORV Trails
 - MCCCT Trails
 - Lakes and Rivers
-
- Forest Stands**
- Level 3
- 412 - Oak Types
 - 413 - Aspen Types
 - 419 - Mixed Upland Deciduous
 - 421 - Planted Pines
 - 422 - Natural Pines
 - 612 - Lowland Coniferous Forest
- Non-Forest Stands**
- Level 3
- 310 - Herbaceous Openland



Compartment 177
 T24N, R01E, Sec. 17, 19, 20
 T24N, R02E, Sec. 24
 County: Ogemaw
 Unit: Roscommon
 YOE: 2011
 Acres: 2,484 GIS Calculated
 Stand Examiner: Jason Lewicki
 Map Revised: 8/31/2009
 Map Phase: Pre-Review

Stand # 23
Stocking Density
 (412)0 - A7
 Level 3 OI
 Level 4 Code
Cover Type Code



Stand Boundary Map

Compartment 177
 T24N, R01E, Sec. 17, 19, 20
 T24N, R02E, Sec. 24
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Stand #
 23
Stocking Density
 (412)0 - A7
 Level 3 OI
 Level 4 Code
Cover Type Code

Legend

- Miris Corners
- Paved Road
- = County Gravel Road
- = Gravel Road
- Poor Dirt Road
- Intermittent Stream/Drain
- Stream
- Trails
- ORV Trails
- MCCCT Trails
- Stand Boundaries

Forest Stands

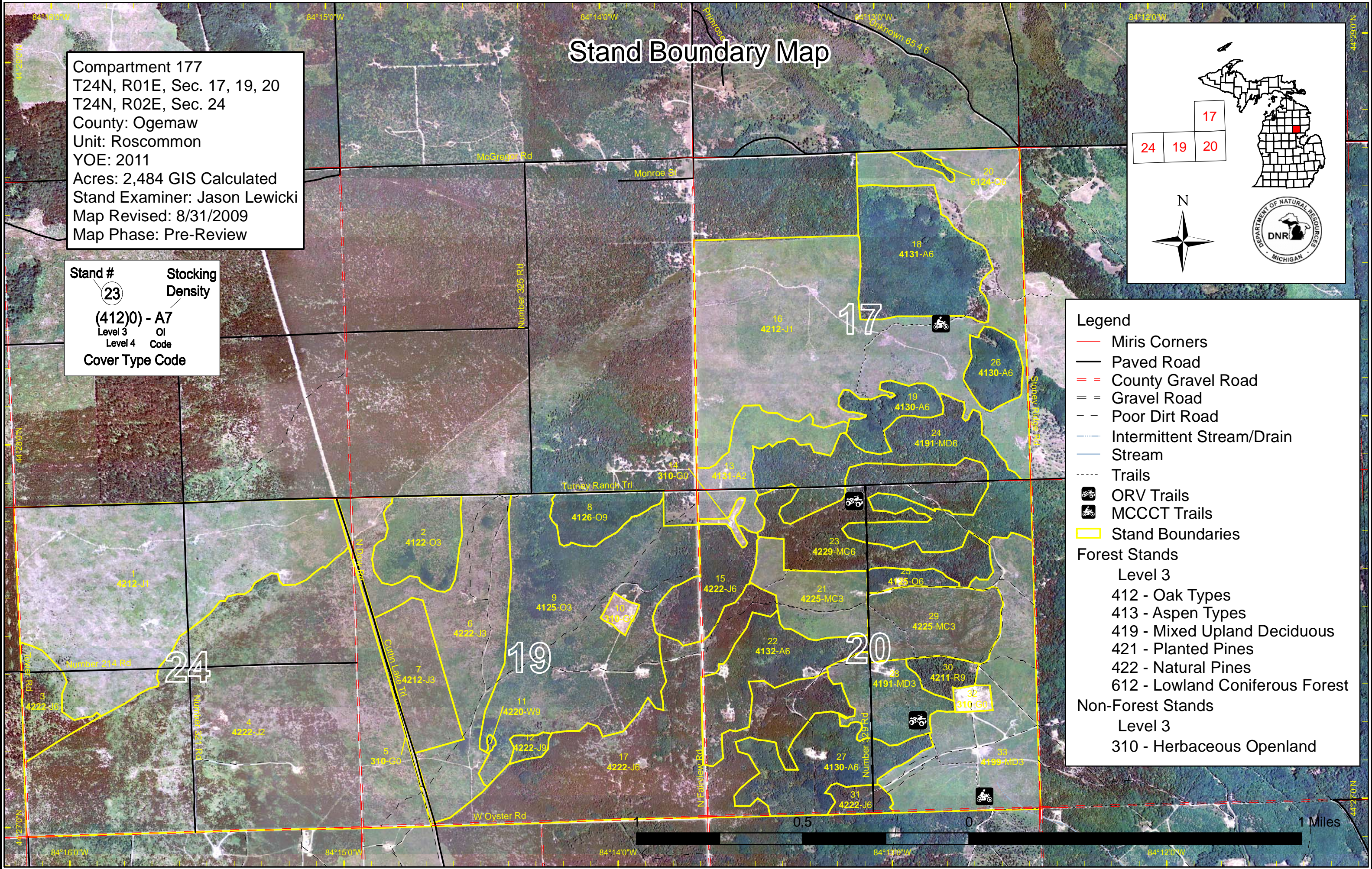
Level 3

- 412 - Oak Types
- 413 - Aspen Types
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- 421 - Planted Pines
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Non-Forest Stands

Level 3

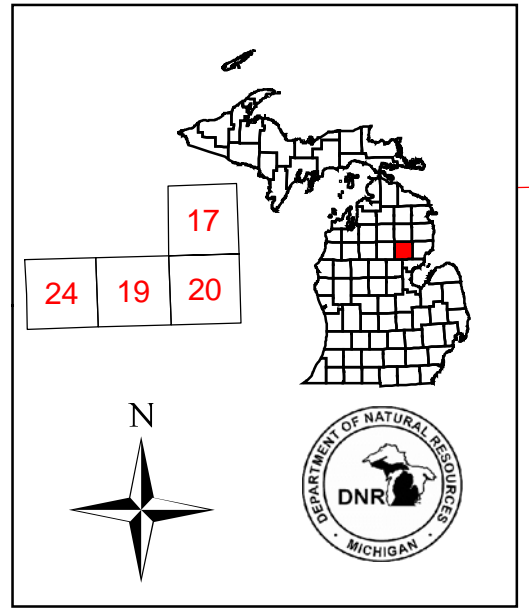
- 310 - Herbaceous Openland



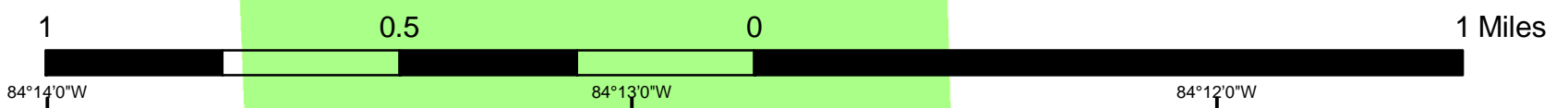
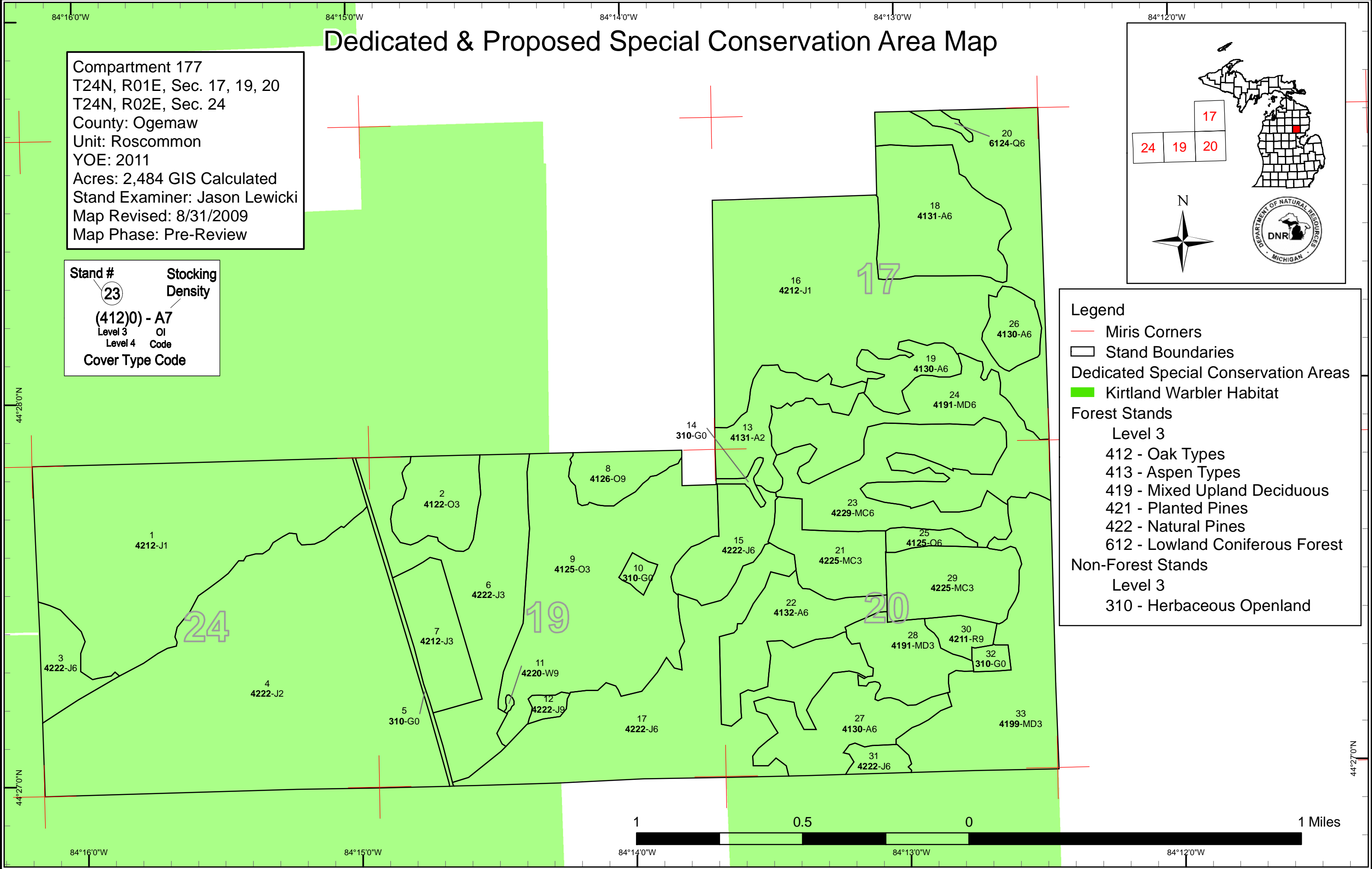
Dedicated & Proposed Special Conservation Area Map

Compartment 177
 T24N, R01E, Sec. 17, 19, 20
 T24N, R02E, Sec. 24
 County: Ogemaw
 Unit: Roscommon
 YOE: 2011
 Acres: 2,484 GIS Calculated
 Stand Examiner: Jason Lewicki
 Map Revised: 8/31/2009
 Map Phase: Pre-Review

Stand #	Stocking Density
23	
(412)0 - A7	
Level 3	OI
Level 4	Code
Cover Type Code	



- Legend**
- Miris Corners
 - Stand Boundaries
 - Dedicated Special Conservation Areas
 - Kirtland Warbler Habitat
 - Forest Stands
 - Level 3
 - 412 - Oak Types
 - 413 - Aspen Types
 - 419 - Mixed Upland Deciduous
 - 421 - Planted Pines
 - 422 - Natural Pines
 - 612 - Lowland Coniferous Forest
 - Non-Forest Stands
 - Level 3
 - 310 - Herbaceous Openland



Roscommon Mgt. Unit

Covertypes, Acres, and Age summary
(Level 3 Cover Type)

Compartment 177 Year of Entry 2011

Report Date: 08/28/2009



	Age Class														Total	
	Non-Forested	1-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120 +		Uneven Age
Aspen Types	0	41	0	0	106	138	0	0	0	0	0	0	0	0	0	284
Herbaceous Openland	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
Lowland Coniferous Forest	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4
Mixed Upland Deciduous	0	120	40	0	0	110	0	0	0	0	0	0	0	0	0	269
Natural Pines	0	41	54	577	26	296	0	0	0	5	0	1	0	0	0	999
Oak Types	0	0	0	244	0	9	0	0	0	25	0	0	0	0	0	278
Planted Pines	0	573	0	43	0	0	0	0	0	12	0	0	0	0	0	628
Total	21	775	93	865	131	553	0	0	4	41	0	1	0	0	0	2484

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Roscommon Mgt. Unit
Inventory Method: IFMAP

**PROPOSED TREATMENTS
NO LIMITING FACTORS**

Compartment: 177

Entry Yr: 2011

Date 08/28/2009



Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Page 1 of 1
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Rev
Cmnt:

Rev
Spec:

Next
Steps:

**Total Treatment
Acreage Proposed: 0**

**PROPOSED TREATMENTS
WITH LIMITING FACTORS**



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Treatment Name	Acres	Stage1 Cover Type	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Page 1 of 1
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Limiting Factor
and Comment:

Rev
Cmnt:

Rev
Spec:

Next
Steps:

No Treatment
Reason

**Total Treatment
Acreage Proposed: 0**



PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

Inventory Method: IFMAP

Stand	SCA Name	Acres	Comments



DEDICATED CONSERVATION AREA DETAILS

* This is a list of Dedicated Biodiversity Areas for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to Dedicated Conservation Area Map for areas that the below listed Conservation Areas are located.

ERA = Ecological Reference Area
 HCVA = High Conservation Value Area
 SCA = Special Conservation Area

Conservation Area	Type	Description
HCVA	Designated Critical Habitat	Critical habitat areas are established via a consultative and cooperative process between the DNR and the U.S. Fish and Wildlife service for the recovery of threatened and endangered species, as governed by Part 365, Endangered Species Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, and the Federal Endangered Species Act of 1973. This is an active program, with proposed species plans in various stages of review. As of now only two exist, Kirtland Warbler Habitat and Piping Plover Habitat.
SCA	Archaeological Site	An aquatic or terrestrial area of the State that contains physical remains of human occupation. These are sites of cultural and historical significance that may occur upon terrestrial areas and Great Lakes bottomlands. They include thousands of Native American settlements and burial sites, as well as French and British outposts, nineteenth century logging camps, mines and homesteads. Beneath the waters of the Great Lakes, there are shipwrecks and other remains documenting the maritime trade. Such sites may be identified by Natural heritage data from the State Historic Preservation Office. Proposed treatments in this compartment will be implemented in such a manner as to maintain the integrity of these sites. Due to the sensitive nature of this information, no further detail about location is available.