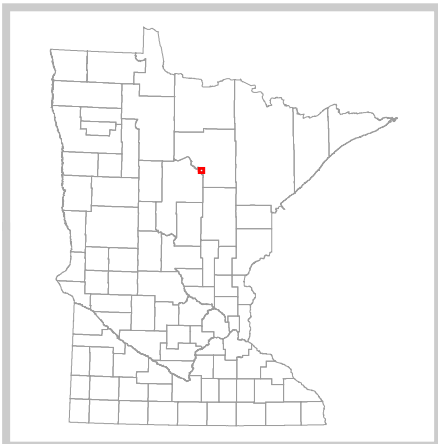
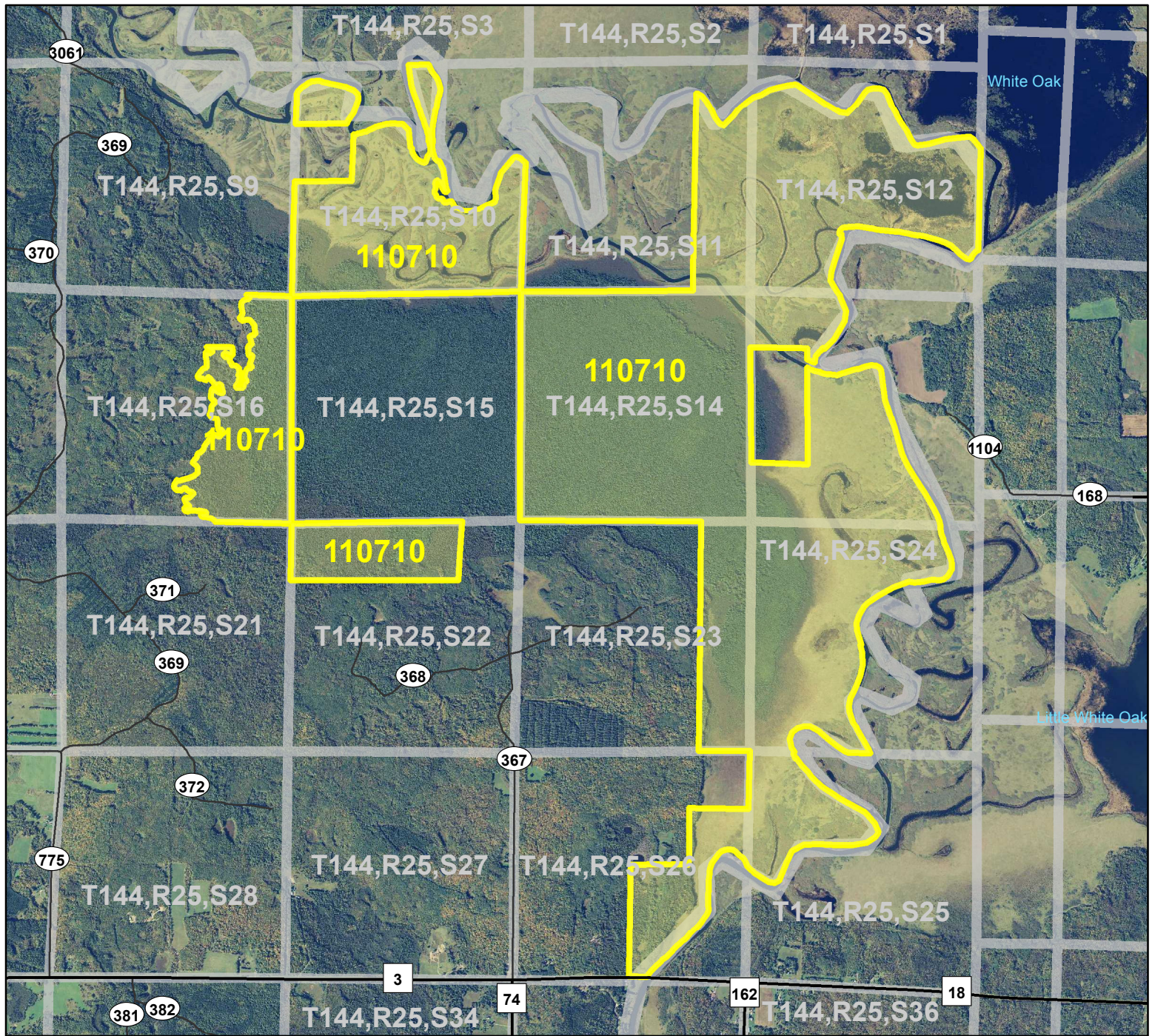


HCVF Site 110710

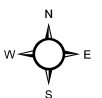
Wahnena 14, Cass County



Legend

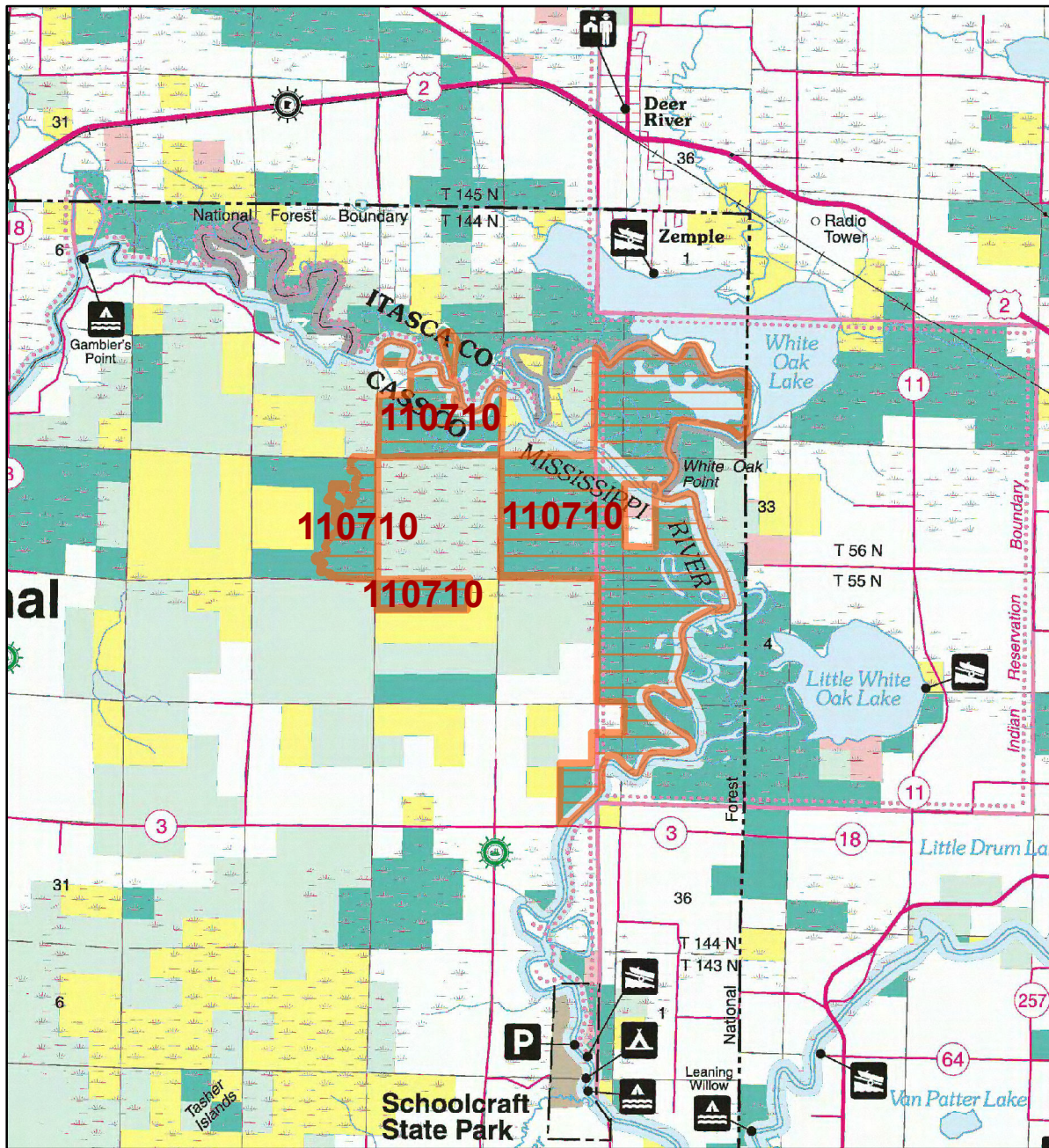
- County Highways
- Municipal, Township or Other Roads
- HCVF Site
- PLS Sections

0 1 2 Miles



HCVF Site 110710

Wahnena 14, Cass County



LEGEND

HCVF Site

MAP EXPLANATION

LAND OWNERSHIP

- County Land
- State Forest Land
- State Park and Recreation Land
- State Wildlife Management Area Land
- State Scientific & Natural Area Land
- National Waterfowl Production Area
- National Forest, Park, Wildlife Refuge & Recreation Land
- Bureau of Indian Affairs Land
- Recreation Area under 40 acres
- W.M.A.'s under 40 acres
- S.N.A.'s under 40 acres
- N.W.P.A.'s under 40 acres

BOUNDARIES

- County Unit Boundary
- State Unit Boundary
- National Unit Boundary

TRAILS AND FOREST ROADS

- State Trail
- State Forest Road

DESIGNATED WATERWAYS

- State Trout Stream
- State Canoe and Boating Route
- State Wild, Scenic & Recreational River (also designated Canoe & Boating Route)
- National Wild, Scenic & Recreational River (also designated Canoe & Boating Route)

FACILITIES

- D.N.R. Office
- Travel Information Center
- Rest Area (with facilities)
- Rest Area (limited facilities)
- Campground
- Watercraft Camping
- Equestrian Camping
- Water Access
- Carry-in Access
- Dam (on designated canoe route)
- Fishing Pier
- Overlook
- Parking
- Historic Site
- Geologic Feature
- Fish Hatchery
- Forestry Nursery
- National Great River Road
- State Great River Road

NOTE: Some of the features defined in this map explanation may not occur on the map.

The PRIM series was developed using funds provided through the Legislative Commission on Minnesota Resources (LCMR).

Base information was compiled from 1:100,000 series U.S. Geologic Survey planimetric maps.

Facility and ownership information was compiled from the following sources: Minnesota Department of Natural Resources, Minnesota Department of Transportation, State Planning Agency, Minnesota Historical Society and the respective counties.



0 2.25 4.5 Miles

Land ownership categories on this map are in some cases outdated. HCVF sites are on DNR-managed land only; DNR HCVF sites have not been identified on other ownerships.



HCVF Informational Report

Report Run: September 3, 2013

General Information

HCVF #: 110710

HCVF Name: Wahnena 14

Acres of HCVF site: 2934.27

County: Cass

Data edited by: Becky Marty, Erik Thorson

Role: NW Reg HCVF Team EWR and Wildlife Representatives

Date edited on: 2013-08-22

Corresponding Land Administrator(s): Forestry

Management Unit Name(s) (if applicable): Bemidji Area Forestry

HCVF Summary

Sedge meadow, shrub swamp, tamarack swamp; along Mississippi River's abandoned oxbows; much adjacent USFS land. There are >500 acres of old conifer swamp on state land, which is also roadless. A 1947 Itasca photo shows the eastern edge of the conifer swamp in this site looking mature even back then, which suggests it may be primary forest.

HCVs known to be present that factored into HCVF designation.

FSC expects DNR to maintain HCVs within designated HCVFs. Because HCVF boundaries are not the same as the larger, multi-ownership MBS Sites, this list will differ from the values identified during the MBS Survey.

LAURENTIAN MIXED FOREST PROVINCE HCVs: 2bi - LMF (late-successional forest block): 870 acres, southwest portion, cedar and tamarack; 3c (Special S3 plant community): FPn63b, MHn47, WFn55; 3f (Potential primary forest): cedar and tamarack, southwest portion; 3g (Potential roadless area): yes.

Management Considerations

Overall management objectives for the entire HCVF:

Region HCVF Recommendations - Manage to maintain or promote older growth stages. - Verify the extent and subtype of the MHn47; manage for older uneven-aged forest. - Verify the subtype for WFn55, since it might be S3 ranked. - Maintain the roadless state of this HCVF.

Management direction from the following sources was considered in developing the above recommendations:

2008 Chippewa Plains-Pine Moraines and Outwash Plains SFRMP.

Are the HCVs within this HCVF likely to benefit from coordination with adjacent landowner(s)?

Yes

This HCVF was flagged by the Regional HCVF Team as warranting cross-ownership coordination efforts. The specific HCVs likely to benefit from such coordination with adjacent landowners are identified below.

HCV 2bi, 3c, 3f, 3g. Multiple rare plant communities extend onto Cass count and USFS lands.

General Comments

There are limited opportunities for harvest or other active management.

Reference to rare plants and animals, Minnesota Biological Survey Sites of Biological Significance and mapped native plant communities are records maintained in the Minnesota DNR's Natural Heritage Information System (NHIS). A date of information is associated with each record. The NHIS is continually updated as new information becomes available. The lack of data listed for any geographic area should not be construed to mean that no significant features are present.

... Report End ...