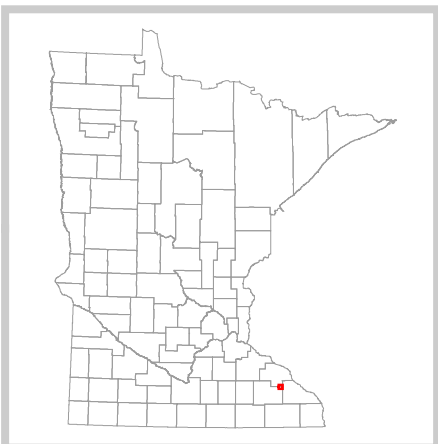
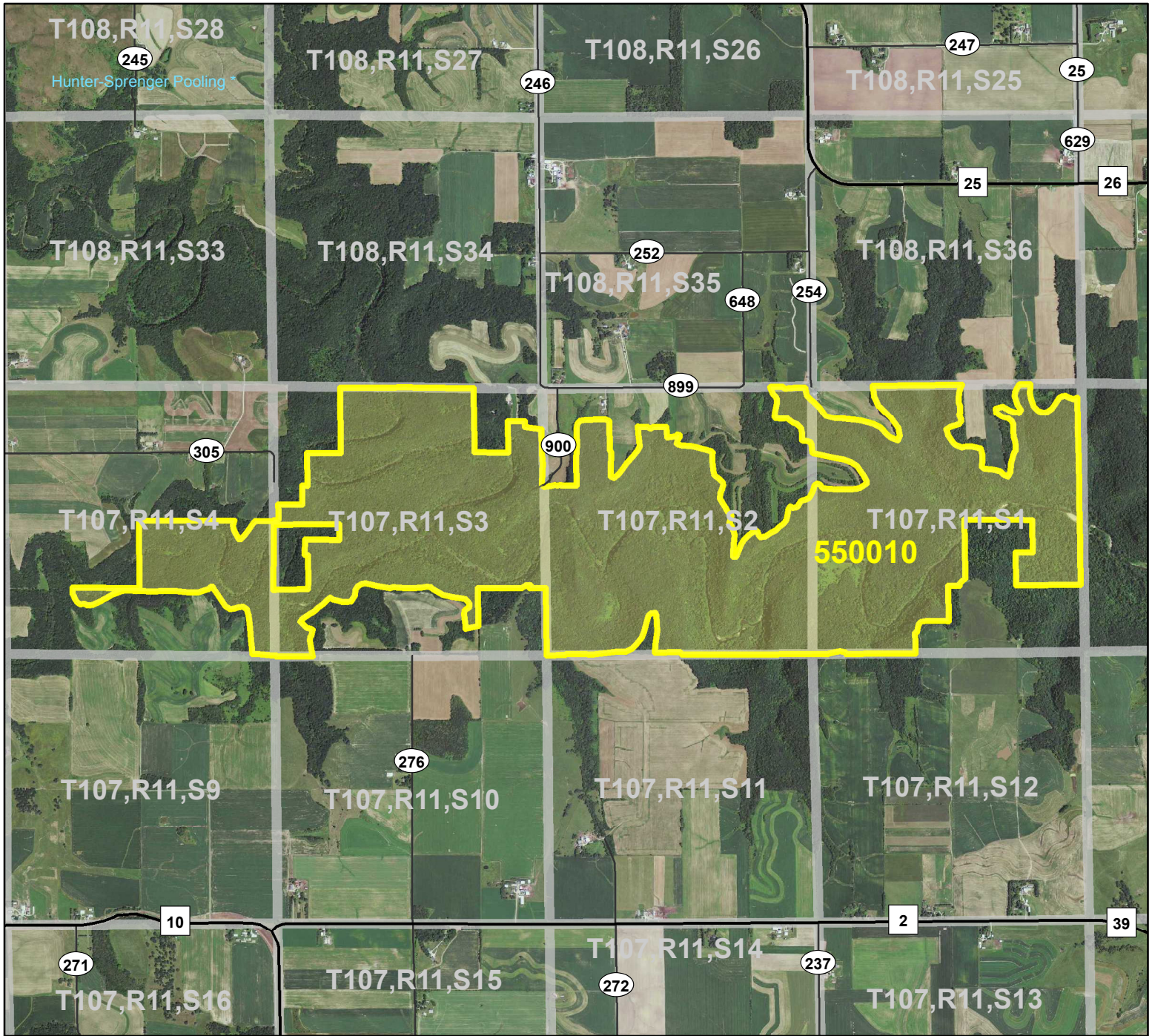


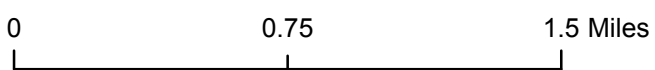
HCVF Site 550010

North Fork Whitewater WMA, Olmsted County



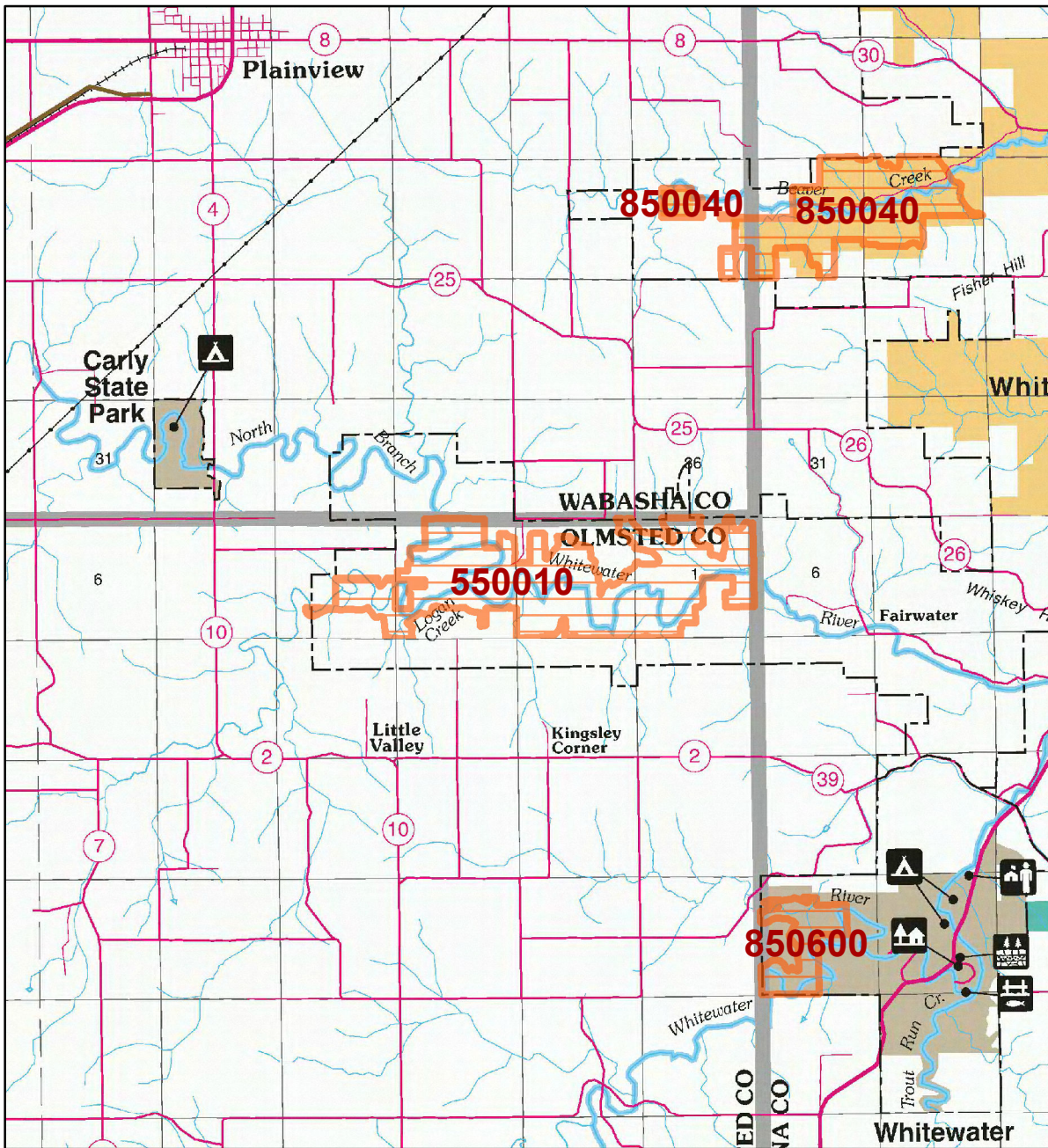
Legend

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



HCVF Site 550010

North Fork Whitewater WMA, Olmsted County



LEGEND

HCVF Site

MAP EXPLANATION

LAND OWNERSHIP

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

BOUNDARIES

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

TRAILS AND FOREST ROADS

- State Trail
- State Forest Road

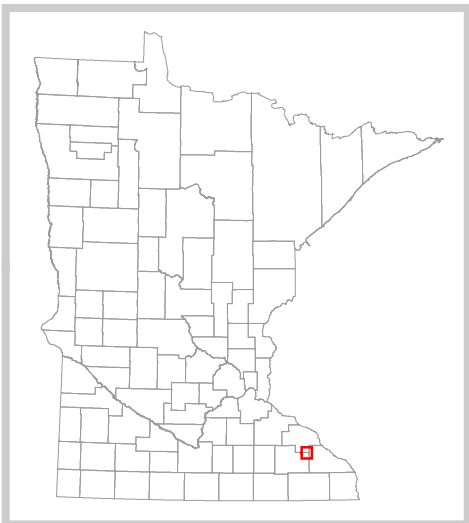
DESIGNATED WATERWAYS

- 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

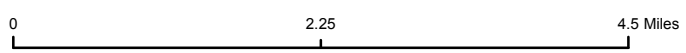
NOTE: Some of the features defined in this map explanation may not occur on the map.



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.



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 #: 550010

HCVF Name: North Fork Whitewater WMA

Acres of HCVF site: 1353.04

County: Olmsted

Data edited by: Region 3 HCVF Team

Role: Region 3 HCVF Team

Date edited on: 2013-07-24

Corresponding Land Administrator(s): FAW

Management Unit Name(s) (if applicable): North Fork Whitewater River Valley (Whitewater WMA)

HCVF Summary

Approximately 1300 acres of very steep wooded bluffs and bottomlands along the North Fork Whitewater and Logan Branch Whitewater Rivers. Includes moderate cliffs, high-quality maple-basswood & oak forests & high-quality bluff prairies. Forest continues into Wabasha & Winona Counties. This is the most significant site in the county. Designated OG includes white pine, oak, and northern hardwoods stands. The oak and northern hardwood old growth stands are: MHs37b, MHs38a, MHs39b, MHs49. Important site for rare forest birds: Acadian flycatcher, cerulean warbler, Louisiana waterthrush.

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.

HCV1a (G1 or G2 species): Bluff vertigo (*Vertigo meramecensis*), Leedy's roseroot (*Rhodiola integrifolia* ssp leedy). HCV1b (S1 or S2 species): Bluff vertigo (*Vertigo meramecensis*), goldenseal (*Hydrastis canadensis*), leedy's roseroot (*Rhodiola integrifolia* ssp leedyi), glade mallow (*Napaea dioica*). HCV1c (Federal T or E species): *Rhodiola integrifolia* ssp leedy. HCV1e (Rare species concentration): 27 SCGN species. HCV2-EBFa (intact forest block): yes. HCV2-EBFb (old forest): yes. HCV3b (S1 or S2 plant community): CTs43a1, CEs46a2, FFs59c. HCV3c (Special S3 plant community): MHs38a, MHs38c, MHs39b. HCV3d (Natural origin pine stand): white pine (old-growth). HCV3e (Old-growth forest): stand 45 NH73 (6.7 acres), stand 20 WP54 (22 acres), stand 94 WP64 (16 acres), stand 52 O86 (5 acres), stand 95 NH64 (26 acres).

Management Considerations

Overall management objectives for the entire HCVF:

See Representative Sample Area Memorandum of Understanding for management/protection of lowland terrace forest. Old-growth forest - monitor for invasive species and control if found. Mesic hardwood forest communities should have minimal canopy openings so that forest interior birds and rare plants requiring shade and little disturbance can persist. Fire-dependent forest can be managed with fire and timber cutting to maintain or enhance the native plant communities.

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

High Biodiversity Site Plan

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.

Private landowners

General Comments

This is a "High Biodiversity Site" identified in the Blufflands SFRMP. Includes North Fork Whitewater Terrace Forest Representative Sample Area.

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 ...