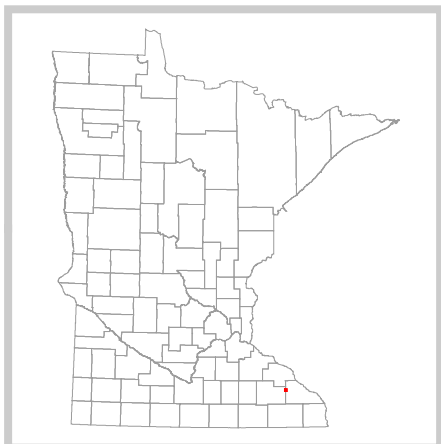
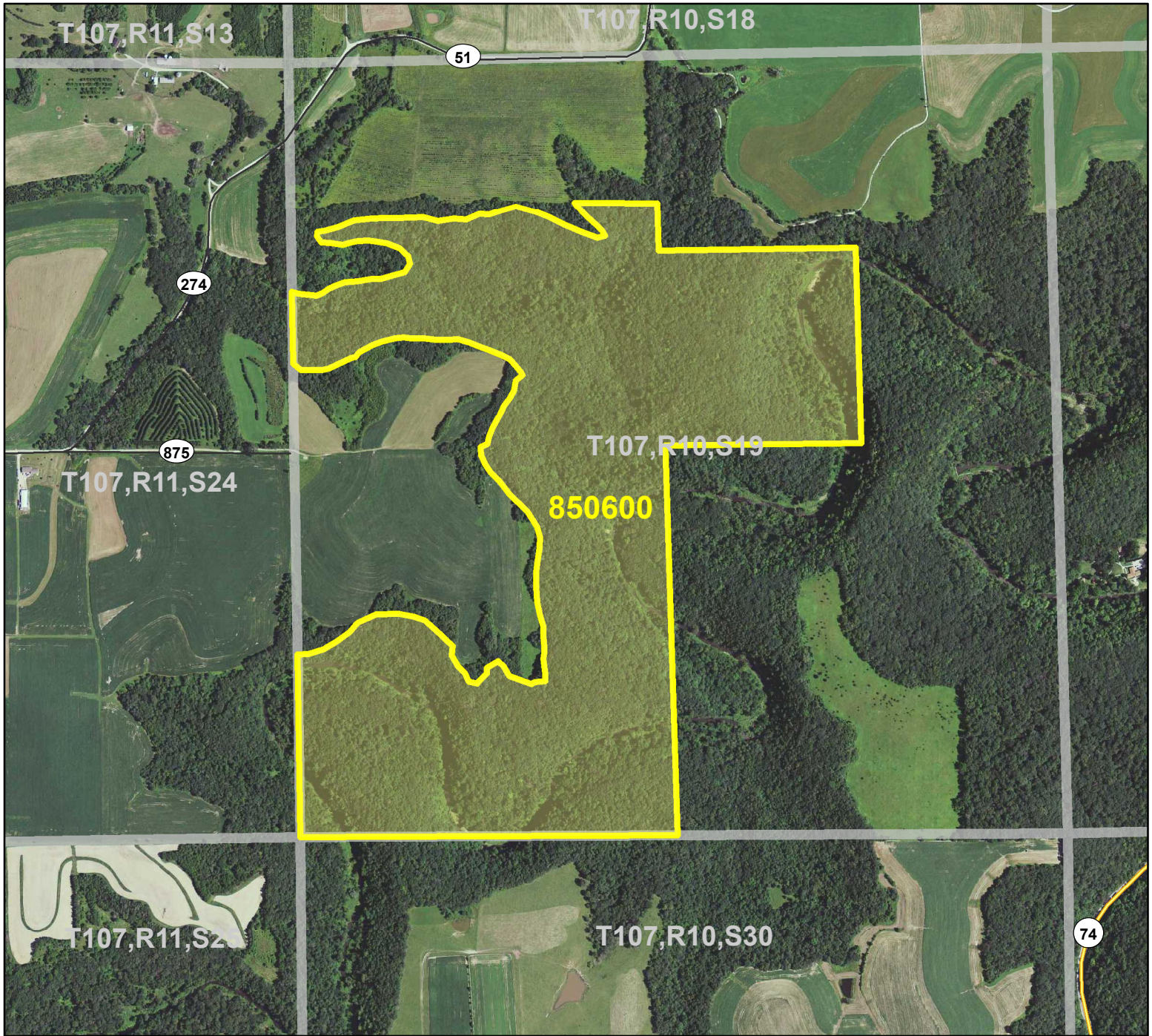


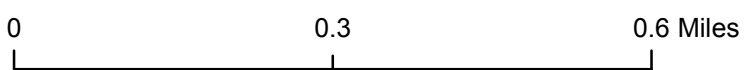
HCVF Site 850600

Callahan Unit--WWWMA, Winona County



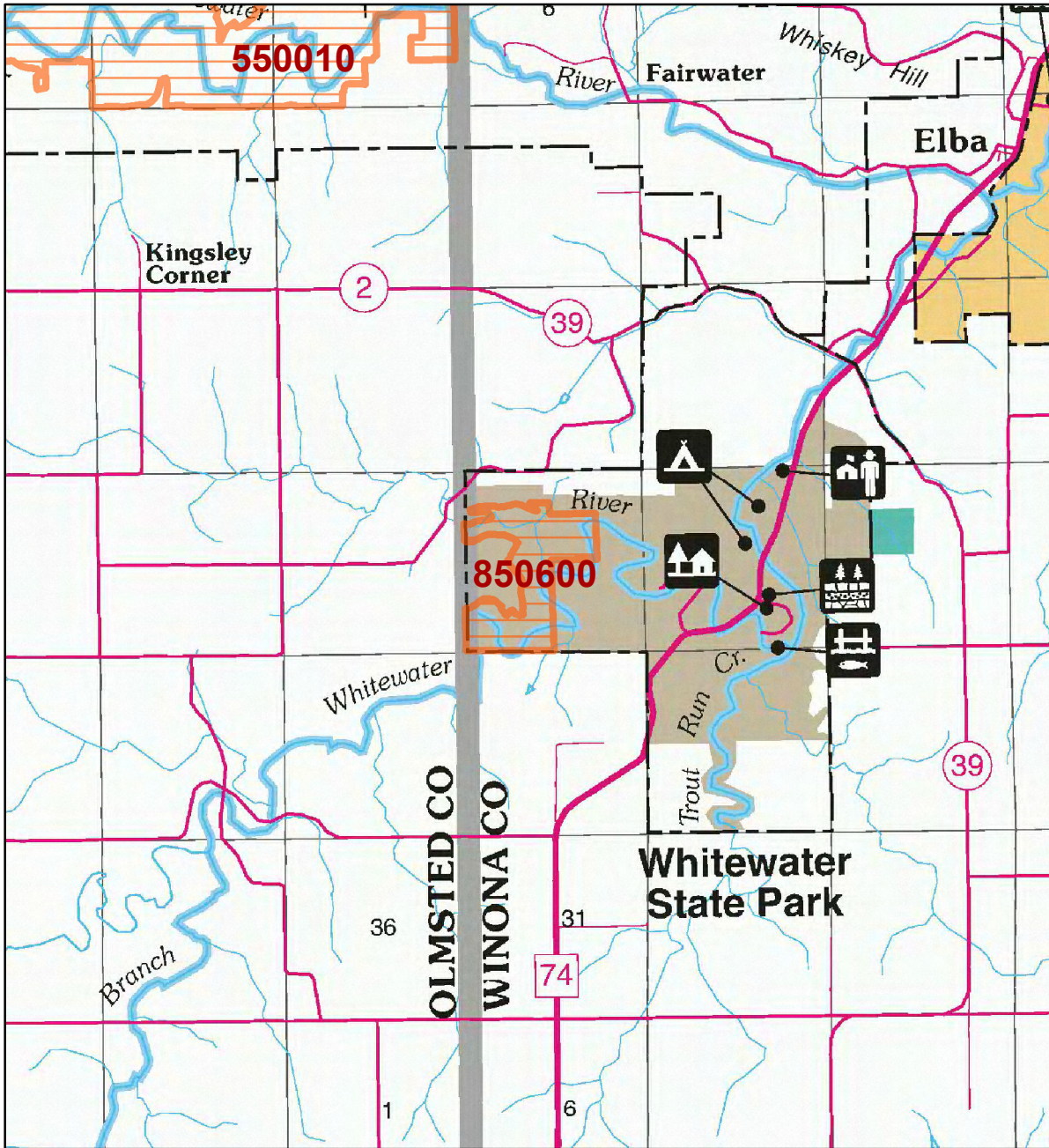
Legend

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



HCVF Site 850600

Callahan Unit--WWWMA, Winona County



LEGEND

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
 - S.N.A.'s under 40 acres
- State Scientific & Natural Area Land
 - N.W.P.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

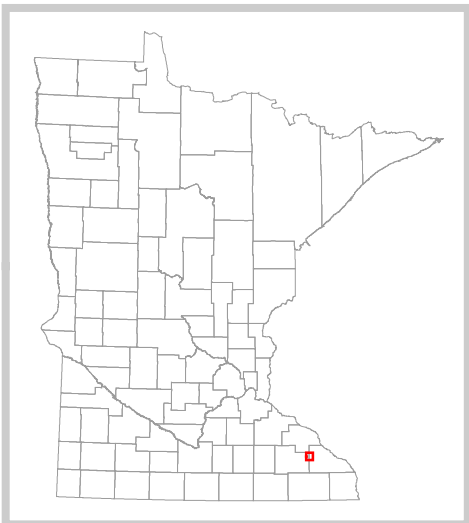
DESIGNATED WATERWAYS

- 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

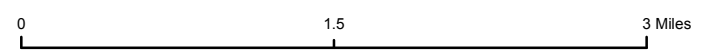
NOTE: Some of the features defined in this map explanation may not occur on the map.



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 #: 850600

HCVF Name: Callahan Unit--WWWMA

Acres of HCVF site: 203.72

County: Winona

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): Callahan Unit--Whitewater WMA

HCVF Summary

This site contains steep bluffs along the Middle Fork of the Whitewater River. It's a very significant site including algific talus slopes, magnificent cliffs, hardwood-white pine forest, oak forest, and lowland hardwood forest. The portions of mature forest are excellent quality. This site is adjacent to Whitewater State Park but is part of the Whitewater WMA.

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.

S1 and S2 species: one reptile/amphibian species, upland boneset (*Eupatorium sessilifolium*); HCV1e (Rare species concentration): reptile/amphibian species, upland boneset (*Eupatorium sessilifolium*), Louisiana waterthrush, cerulean warbler, cliff goldenrod (*Solidago sciaphila*), vascular plant species; HCV3b (S1 or S2 plant community): CTs46a2 [3 records: 2 records D rank in 1989 and 1 record not ranked in 1989]; HCV3c (Special S3 plant community): MHs49a [B rank, 1992], MHs38a [2 records: AB rank in 1992 and not ranked in 1992], MHs38c [AB rank, 1992]; HCV3e (Old-growth forest): stand 359 O63 (the vast majority of this stand is located within the state park)

Management Considerations

Overall management objectives for the entire HCVF:

Maintain mature forest canopy of the site, especially for the rare birds that are dependent on it. Uneven aged management or patch harvesting in the mesic hardwood communities. Manage invasive species throughout the site.

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

recommendations:

No information entered.

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.

There are about seven private parcels abutting the site on the north, west, and south side. Whitewater State Park is adjacent to the east. Much of the private land is managed for agriculture, but the stream has a forested buffer, so coordination could help maintain the habitat there. Maintaining the HCVs at this site should include coordinating with the State Park (which likely is already happening) where many HCVs extend and occur.

General Comments

The HCVF site is smaller than the MBS site because we contained the HCVF boundary to certified state land only.

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 ...