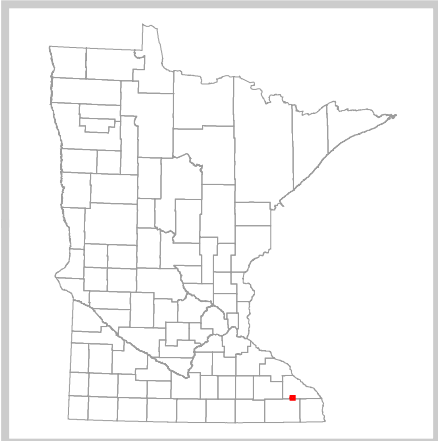
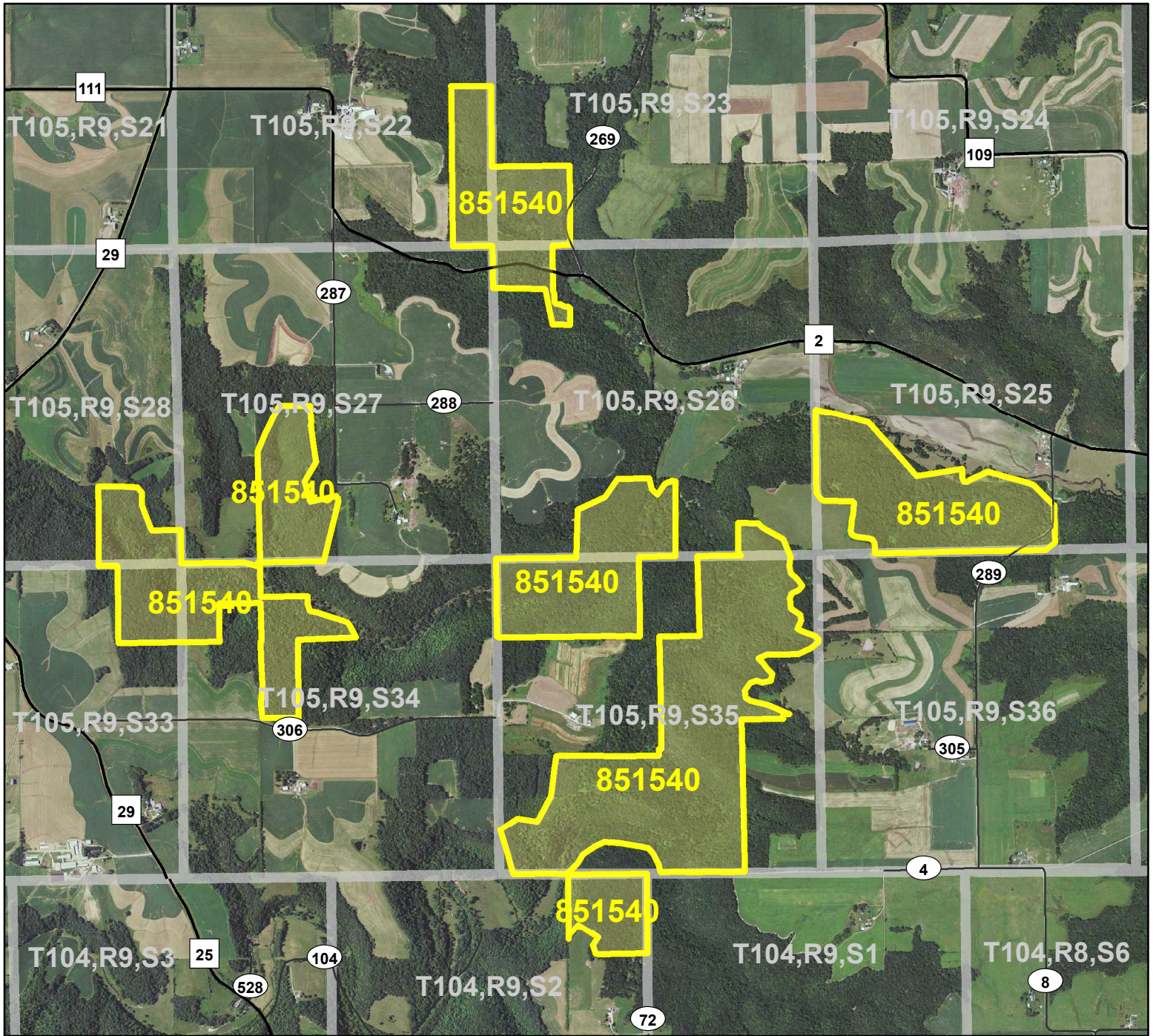


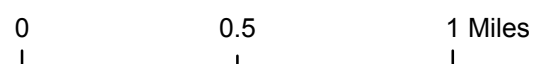
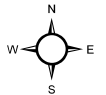
HCVF Site 851540

Pine Hemingway Creek, Winona County



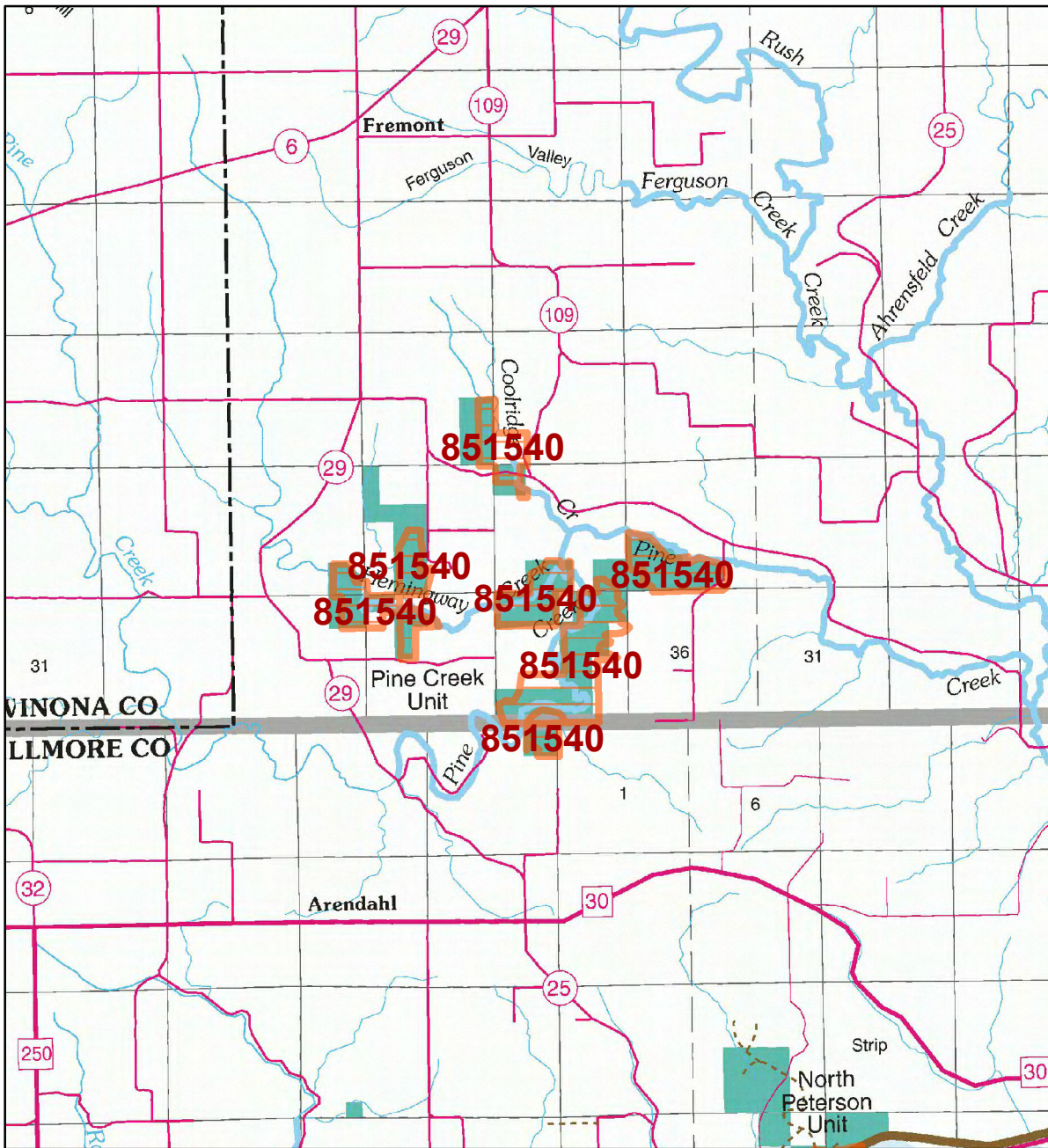
Legend

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

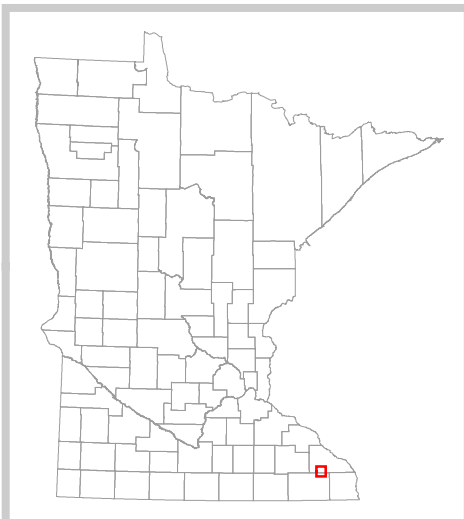


HCVF Site 851540

Pine Hemingway Creek, Winona County



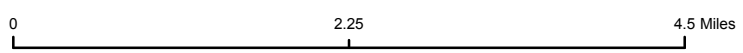
- LEGEND**
- HCVF Site**
- MAP EXPLANATION**
- LAND OWNERSHIP**
- County Land
 - Recreation Area under 40 acres
 - State Forest Land
 - State Park and Recreation Land
 - State Wildlife Management Area Land
 - W.M.A.'s under 40 acres
 - S.N.A.'s under 40 acres
 - State Scientific & Natural Area Land
 - 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 #: 851540

HCVF Name: Pine Hemingway Creek

Acres of HCVF site: 833.39

County: Winona

Data edited by: Region 3 HCVF Team

Role: Region 3 HCVF Team

Date edited on: 2013-07-24

Corresponding Land Administrator(s): FOR

Management Unit Name(s) (if applicable): Pine Creek Unit (Pine Hemingway Creek Area)

HCVF Summary

This site contains steep slopes and terraces above Hemingway Creek, the west side of Pine Creek, and Coolridge Creek to the north. It's a highly significant site for rare birds, algific talus slopes, rare snails, bats, plants, and mature maple-basswood, oak, northern hardwood-conifer, white pine-hardwood, and lowland hardwood forests. It's very scenic and contains one of the largest patches of MHC38a in Minnesota.

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.

HCV1b (S1 or S2 species): James' carex (*Carex jamesii*), false mermaid (*Floerkea proserpinacoides*), smooth-sheathed sedge (*Carex laevivaginata*), spreading sedge (*Carex laxiculmis*), a rare vascular plant species, green violet (*Hybanthus concolor*). HCV1e (Rare species concentration): nodding wild onion (*Allium cernuum*), James' carex (*Carex jamesii*), false mermaid (*Floerkea proserpinacoides*), smooth-sheathed sedge (*Carex laevivaginata*), spreading sedge (*Carex laxiculmis*), green violet (*Hybanthus concolor*), Acadian flycatcher (*Empidonax virescens*), Louisiana waterthrush, Tricolored bat (*Pipistrellus subflavus*), cerulean warbler, beaked snakeroot (*Sanicula trifoliata*), cliff goldenrod (*Solidago sciaphila*), Wood's sedge (*Carex woodii*), stemless tick-trefoil (*Desmodium nudiflorum*), Goldie's fern (*Dryopteris goldiana*), moschatel (*Adoxa moschatellina*), silverleaf grape (*Vitis aestivalis*), squirrel-corn (*Dicentra canadensis*); HCV1f (Taxonomic group concentration): sedges, birds; HCV1g (Outstanding Key Habitats Examples): cliff and talus; HCV2-EBFb (old forest): yes; HCV3b (S1 or S2 plant community): CTs46a2 [2 records: BC rank in 1990 and BC rank in 1999], CTs43a2 [B rank, 1990], MHC38a [A rank, 1994], MHs49b [2 records: C rank in 1993, BC rank in 1993], WFs57b [BC rank, 1999]; HCV3c (Special S3 plant community): MHs38c [B rank, 1993], MHs39b [6 records: B rank in 1991, not ranked in 1992, B rank in 1993, and 3 records AB rank in 1993], MHs38a [3 records: not ranked in 1991, AB rank in 1993, B rank in 1996], FDs38a [AB rank in 1993]; HCV3e (Old-growth forest): stand 59 O63, stand 54 NH54;

Management Considerations

Overall management objectives for the entire HCVF:

With the quantity and distribution of the HCVs at this site, uneven aged management is likely the only appropriate silvicultural strategy (depending on location of proposed treatment). Special care will have to be given to buffering around the sensitive cliffs, plants, and animal populations with no-harvesting/no-equipment zones. Understory burning or understory/midstory control in some mesic hardwood and fire dependent woodlands may be appropriate. Invasive species management may be necessary. The High Bio Plan and memofrom Commissioner's Office for this area should be consulted for previously agreed-upon goals, objectives, and management strategies for this unit. Also, consult the Hemingway Creek Cold Slope Representative Sample Area Memorandum of Understanding.

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.

More than half of the original MBS site is on private land so landowner coordination would benefit the maintenance or enhancement of the HCVs at this site. There are about 30 private landowners surrounding the HCVF site. Much of the private ownership is agricultural land.

General Comments

This site has a High Bio Plan written. The site's boundaries differ from the MBS site and the High Bio Plan boundaries in only that it excludes all non-state land (which reduced its size).

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 ...