Conservation Planning Report

Project Information

Report Generation Date:	11/26/2019 10:02:37 AM
Project Title:	Sweetwater Valley Conservation Planning Report
User Project Number(s):	
System Project ID:	NE-CERT-002073
Project Type:	Conservation Planning Report (not an environmental review)
Project Activities:	None Selected
Project Size:	2,010.24 acres
County(s):	Cherry
Watershed(s):	Loup; Niobrara
Watershed(s) HUC 8:	Middle Niobrara; Upper North Loup
Watershed(s) HUC 12:	Chamberlain Swamp-Goose Creek; Dads Lake; Mule Lake
Biologically Unique Landscape(s):	Cherry County Wetlands
Township/Range and/or Section(s):	T28R27WS05; T28R27WS06; T28R28WS01; T29R27WS29; T29R27WS30; T29R27WS31; T29R27WS32; T29R27WS33
Latitude/Longitude:	42.441276 / -100.511429

Contact Information

Organization:	Private individual
Contact Name:	Rick Schneider
Contact Phone:	
Contact Email:	
Contact Address:	
Prepared By:	
Submitted On Behalf Of:	

Project Description

Test of the NE CERT conservation planning report function.

Introduction

This conservation planning report compiles information and maps pertaining to at-risk species, natural communities, protected areas, and other features within the vicinity of an area of interest delineated by the user. For more information about the data provided in this report, contact the appropriate staff (botanist, zoologist, or data manager) of the Nebraska Natural Heritage Program:

http://outdoornebraska.gov/naturalheritageprogram/

Most of the information on at-risk species and natural communities in this report is based on records managed within the Nebraska Natural Heritage database. Please be aware that although the Nebraska Natural Heritage database is the most up-to-date and comprehensive database available on the occurrences of rare species and natural communities, many areas have not been inventoried or reported on to the Natural Heritage Program. Similarly, the record of one rare species at a location does not imply that other species have been surveyed at that site or reported to the Natural Heritage Program. As such, the data should be interpreted with abundant caution, and an “absence of evidence is not evidence of absence” philosophy followed.

Please note that this report does not satisfy requirements of the Nongame and Endangered Species Conservation Act or the Endangered Species Act for an evaluation of the potential impacts to threatened and endangered species of a proposed project. To have an environmental review of this project conducted, re-submit it through the CERT and select the specific project type and associated activities related to this project. The resulting evaluation will determine if conservation conditions need to be implemented for the project in order to avoid adverse impacts on listed species, or if further consultation with the NGPC and/or USFWS is necessary.

To cite this report please use the following citation:

Nebraska Game and Parks Commission. <year report was generated>. Conservation Planning Report. [report generated by the Nebraska Conservation and Environmental Review Tool]. Report generated <Month, Day, and Year from report’s ‘Report Generation Date’ >. URL: https://cert.outdoornebraska.gov.

To cite species or natural community data shown in a table, please use the following citation:

Nebraska Natural Heritage Program of the Nebraska Game and Parks Commission. <year report was generated>. <Title of Table>. [table]. *In:* Nebraska Game and Parks Commission. <Report Title>. [report generated by the Nebraska Conservation and Environmental Review Tool]. Report generated <Month, Day, and Year from report’s ‘Report Generation Date’ >. URL: https://cert.outdoornebraska.gov.

Sweetwater Valley Conservation Planning Report

Aerial Image Basemap With Locator Map

Project Boundary

Project Review Boundary

3-mile Information Buffer Boundary

Project Size (acres): 2,010.24

Lat/Long (DD): 42.4413 / -100.5114

County(s): Cherry

BUL(s): Cherry County Wetlands

Township/Range/Section(s): T28R27WS05; T28R27WS06; T28R28WS01; T29R27WS29; T29R27WS30 +

Service Layer Credits: Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey,

Sweetwater Valley Conservation Planning Report

Topographic Basemap With Sections and Protected Areas

- Project Boundary
- Project Review Boundary
- 3-mile Information Buffer Boundary
- Sections
- NGPC Properties
- PAD (USGS) - boundaries

Protected Areas Database (USGS)

- U.S. Fish & Wildlife Service
- U.S. Forest Service
- Natural Resources Conservation Service
- Army Corps of Engineers
- Bureau of Reclamation
- Other Federal
- Tribal
- Conservation Organization
- Other State (non-NGPC)
- Other (City, Unknown)

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Sweetwater Valley Conservation Planning Report

Web Map As Submitted By User

Project Boundary

Project Review Boundary

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Table 1
Protected Areas in Immediate Vicinity of Project (project review area)

Area Name	Owner/Manager	Information Source
Valentine National Wildlife Refuge	U.S. Fish & Wildlife Service	USGS Protected Areas Database

Table 2
Documented Occurrences in Immediate Vicinity of Project (project review area):
Natural communities and special areas

Name	Other Information	SRank	GRank
Sandhills Dry Valley Prairie	Sandhills Dry Valley Prairie	S4	GNR
Sandhills Hardstem Bulrush Marsh	Sandhills Hardstem Bulrush Marsh	S4	G4
Sandhills Mesic Tall-grass Prairie	Sandhills Mesic Tall-grass Prairie	S2	G3?
Cherry County Wetlands Biologically Unique Landscape	Link to BUL document		
Large Intact Block of Habitat for At-risk Species			

Table 3
Township-level Documented Occurrences of Species within 1 Mile of Project Review Area

Scientific Name	Common Name	USFWS	State	SGCN	USFS	SRank	GRank
Aechmophorus occidentalis	Western Grebe			Tier 2		S3	G5
Asio flammeus	Short-eared Owl			Tier 1	S	S2	G5
Carex aquatilis var. substricta	Water Sedge			Tier 2		S2	G5TNR
Carex buxbaumii	Brown Bog Sedge			Tier 2		S2	G5
Carex diandra	Lesser Panicled Sedge				S	S3	G5
Carex lasiocarpa var. americana	Woolly-fruit Sedge			Tier 2		S1	G5T5
Carex limosa	Mud Sedge			Tier 2		S1	G5
Carex prairea	Fen Panicled Sedge					S3S4	G5
Chlidonias niger	Black Tern			Tier 1	S	S1	G4G5
Chrosomus eos	Northern Redbelly Dace		T	Tier 1	S	S2	G5
Chrosomus neogaeus	Finescale Dace		T	Tier 1	S	S2	G5
Cygnus buccinator	Trumpeter Swan			Tier 2	S	S2	G4
Cyperus engelmannii	Englemann's Flatsedge			Tier 2		S2	G4Q
Doellingeria umbellata var. pubens	Flat-top Aster			Tier 2		S2	G5T5

Table 3
Township-level Documented Occurrences of Species within 1 Mile of Project Review Area

Scientific Name	Common Name	USFWS	State	SGCN	USFS	SRank	GRank
Dulichium arundinaceum	Three-way Sedge					S3S4	G5
Eleocharis coloradoensis	Dwarf Spikerush			Tier 2		S1	GNR
Eleocharis wolfii	Wolf's Spikerush			Tier 1		S4	G3G5
Emydoidea blandingii	Blanding's Turtle		NC	Tier 1		S4	G4
Equisetum fluviatile	Water Horsetail			Tier 2		S1	G5
Eriophorum angustifolium var. angustifolium	Tall Cotton-grass			Tier 2		S2	G5T5
Eriophorum gracile	Slender Cotton-grass			Tier 2	S	S2	G5
Fimbristylis autumnalis	Slender Fimbry					S3	G5
Fundulus sciadicus	Plains Topminnow			Tier 1	S	S3	G4
Glyceria borealis	Northern Manna Grass					S2S3	G5
Gratiola neglecta	Clammy Hedge-hyssop			Tier 2		S1	G5
Haliaeetus leucocephalus	Bald Eagle			Tier 2	S	S3	G5
Juncus articulatus	Joint-leaf Rush			Tier 2		S1	G5
Lilium philadelphicum	Wood Lily					S3	G5
Liparis loeselii	Loesel's Twayblade			Tier 2	S	S1	G5
Margariscus nachtriebi	Pearl Dace			Tier 2	S	S2	G5
Menyanthes trifoliata	Bog Buckbean					S2S3	G5
Muhlenbergia glomerata	Spiked Muhly			Tier 2		S2	G5
Muhlenbergia richardsonis	Mat Muhly			Tier 2		S1	G5
Nicrophorus americanus	American Burying Beetle	E	E	Tier 1		S1	G2G3
Nuphar variegata	Yellow Pond-lily			Tier 2		S2	G5T5
Nycticorax nycticorax	Black-crowned Night-heron			Tier 2		S3	G5
Ophioglossum pusillum	Northern Adder's-tongue			Tier 2		S2	G5
Pedicularis lanceolata	Swamp Lousewort					S3	G5
Penstemon haydenii	Blowout Penstemon	E	E	Tier 1		S1	G1G2
Platanthera praeclara	Western Prairie Fringed Orchid	T	T	Tier 1		S2	G3
Potamogeton friesii	Fries' Pondweed			Tier 2		S2	G5
Sagittaria graminea	Grass-leaf Arrowhead					S3	G5

Table 3
Township-level Documented Occurrences of Species within 1 Mile of Project Review Area

Scientific Name	Common Name	USFWS	State	SGCN	USFS	SRank	GRank
Sparganium emersum	Green-fruit Bur-reed			Tier 2		S2	G5
Spilogale putorius	Eastern Spotted Skunk			Tier 1		S1	G4
Sterna forsteri	Forster's Tern			Tier 2		S2	G5
Triadenum fraseri	Marsh-st. John's-wort			Tier 2		S2	G5
Zizania palustris	Northern Wild-rice					S3	G5

Table 4
Potential Occurrences in Immediate Vicinity of Project (project review area):
Special status species (Tier 1 at-risk species and Bald and Golden Eagle), based on models or range maps

Scientific Name	Common Name	Data Type	USFWS	State	SGCN	USFS	SRank	GRank
Asio flammeus	Short-eared Owl	Range			Tier 1	S	S2	G5
Athene cunicularia	Burrowing Owl	Range			Tier 1	S	S2	G4
Atrytone arogos iowa	Iowa Skipper	Range			Tier 1		S1	G3T3
Boloria selene sabulocollis	Kohler's Fritillary	Range			Tier 1		S1S2	G5T3T4
Catocala nuptialis	Married Underwing	Range			Tier 1		SNR	G3G4
Catocala whitneyi	Whitney Underwing	Range			Tier 1		S1	G3G4
Chlidonias niger	Black Tern	Range			Tier 1	S	S1	G4G5
Cicindela lepida	Ghost Tiger Beetle	Range			Tier 1		S2	G3G4
Cicindela limbata limbata	Sandy Tiger Beetle	Range			Tier 1		S4	G5T3T4
Dalea cylindriceps	Large-spike Prairie-clover	Range			Tier 1		S2	G3G4
Danaus plexippus	Monarch	Range			Tier 1	S	S2	G4
Eleocharis wolfii	Wolf's Spikerush	Range			Tier 1		S4	G3G5
Emydoidea blandingii	Blanding's Turtle	Range		NC	Tier 1		S4	G4
Eristalis brousii	Hourglass Drone Fly	Range			Tier 1		S1	G1G2
Erynnis martialis	Mottled Duskywing	Range			Tier 1		S2	G3
Euphyes bimacula illinois	Two-spotted Skipper	Range			Tier 1		S3	G4T1T2
Fundulus sciadicus	Plains Topminnow	Range			Tier 1	S	S3	G4
Grus americana	Whooping Crane	Range	E	E	Tier 1		S1	G1
Haliaeetus leucocephalus	Bald Eagle	Range			Tier 2	S	S3	G5

Table 4
Potential Occurrences in Immediate Vicinity of Project (project review area):
Special status species (Tier 1 at-risk species and Bald and Golden Eagle), based on models or range maps

Scientific Name	Common Name	Data Type	USFWS	State	SGCN	USFS	SRank	GRank
Hesperia ottoe	Ottoe Skipper	Range			Tier 1	S	S2	G3G4
Lanius ludovicianus	Loggerhead Shrike	Range			Tier 1	S	S3	G4
Lasiurus borealis	Eastern Red Bat	Range			Tier 1		S3	G3G4
Lasiurus cinereus	Hoary Bat	Range			Tier 1	S	S3	G3G4
Lethe eurydice fumosus	Smoky-eyed Brown	Range			Tier 1		S3	G5T3T4
Myotis septentrionalis	Northern Long-eared Myotis	Range	T	T	Tier 1		S1S2	G1G2
Nicrophorus americanus	American Burying Beetle	Range	E	E	Tier 1		S1	G2G3
Numenius americanus	Long-billed Curlew	Range			Tier 1	S	S3	G5
Oxyloma haydeni	Niobrara Ambersnail	Range			Tier 1		SNR	G3
Penstemon haydenii	Blowout Penstemon	Range	E	E	Tier 1		S1	G1G2
Perimyotis subflavus	Tricolored Bat	Range			Tier 1		S3	G2G3
Platanthera praeclara	Western Prairie Fringed Orchid	Range	T	T	Tier 1		S2	G3
Speyeria idalia	Regal Fritillary	Range			Tier 1	S	S3	G3?