Range Maps for the
Terrestrial Natural Communities of Nebraska

Version I
September 2014

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This document includes range maps for the 83 terrestrial natural (plant) communities described in Terrestrial Ecological Systems and Natural Communities of Nebraska (Version IV - March 9, 2010) by Rolfsmeier and Steinauer 2010. Each map includes the known range and potential range for individual community types. The known range includes areas where a community has been documented and areas where it has not been documented but thought very likely to occur. The potential range includes areas where the community has not been documented but is thought to have some potential to occur. The maps should be considered approximations of the community ranges and are meant to be used at a coarse scale. For many of Nebraska’s natural community types, field inventory is limited and therefore it not possible to draw definitive range maps. It is possible that a community type may occur outside the known and potential ranges shown on the maps.

Several steps were involved in creating the maps. For each community type, Rolfsmeier and Steinauer (2010) list the U.S. Environmental Protection Agency’s Level III ecoregion(s) (Chapman et al. 2001) in which it was known to or potentially could occur. These were mapped for each community using Microsoft Access and ESRI ArcGIS software. Next these maps of the ecoregion(s) of occurrence were compared with maps of
documented occurrences of each community type compiled by the Nebraska Natural Heritage Program. Based on these comparisons and on field experience, substantial modifications were made to the maps. In many cases, the final ranges were refined such that the boundaries no longer match ecoregional boundaries.

The data presented in the maps is also available in electronic form for users of Geographic Information Systems (GIS) software. The data are in ESRI polygon shapefile format (ESRI 1998). Information available for each polygon includes the community name, the community group (wetland forest and woodland communities, upland forest and woodland communities, etc.), whether the polygon is part of the known range or the potential range, the order in which the name appears in the table of contents of Rolfsmeier and Steinauer 2010, and the page number on which the description of the community type begins.

The maps and data represent the first release of the information and should be used with caution. Maps and data will be updated as more information becomes available.

**Acknowledgements**

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**References**


Range of
American Lotus Aquatic Wetland

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014
Range of Presence

Known or Very Likely
Potential

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014
Range of Buckbrush Shrubland

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014
Range of Buffaloberry Shrubland

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014
Range of
Bur Oak - Basswood - Ironwood Forest

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of Cottonwood-Peachleaf Willow Riparian Woodland

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of Cottonwood - Diamond Willow Woodland

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of Cottonwood Riparian Woodland

Presence
- Known or Very Likely
- Potential
Range of Dakota Sandstone Tall-Grass Prairie

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014
Range of
Dry-Mesic Bur Oak Forest And Woodland

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of Eastern Bulrush Deep Marsh

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014
Range of Eastern Cordgrass Wet Prairie

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014
Range of Eastern Cottonwood - Dogwood Riparian Woodland

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014
Range of Eastern Saline Meadow

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014
Range of Eastern Sand Prairie

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014
Range of

Eastern Sandstone Bluff And Cliff

Presence

- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of Eastern Sedge Wet Meadow

Presence
- Known or Very Likely
- Potential
Range of Freshwater Seep

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014
Range of Greasewood Shrub Prairie

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of Great Plains Gravel/Cobble Prairie

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014
Range of
Green Ash-Eastern Red Cedar Scarp Woodland

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of
Green Ash - Elm - Hackberry Canyon Bottom Woodland

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of

Loess Mixed-Grass Prairie

Presence

Known or Very Likely

Potential

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014
Range of
Mesic Bur Oak Forest And Woodland

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of
Missouri River Floodplain Terrace Grassland

Presence

Known or Very Likely

Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of Missouri River Valley Dune Grassland

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014
Range of Mountain Mahogany Shrubland

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014
Known or Very Likely
Potential
Range of
Northern Cordgrass Wet Prairie

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of
Northern Pondweed Aquatic Wetland

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of
Northwestern Mixed-Grass Prairie

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of Oak - Hickory - Ironwood Forest

Presence
- Yellow: Known or Very Likely
- Orange: Potential

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014
Range of
Paper Birch Springbranch Canyon Forest

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of
Peachleaf Willow Woodland

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of
Perennial Sandbar

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of
Pine-Juniper Scarp Woodland

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of
Playa Wetland

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of Ponderosa Pine Forest

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of Red Oak - Basswood - Ironwood Forest

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of Reed Marsh

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014
Range of Riparian Dogwood-False Indigobush Shrubland

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014
Range of
Riverine Gravel Flats

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014
Range of
Rocky Mountain Juniper Woodland

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014
Range of Saline/Alkaline Aquatic Wetland

Known or Very Likely

Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of
Sandhills Dry Valley Prairie

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of
Sandhills Dune Prairie

Known or Very Likely
Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of Sandhills Fen

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014
Range of Sandhills Hardstem Bulrush Marsh

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014
Range of Sandhills Wet Meadow

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014
Range of Sandsage Prairie

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014
Range of
Sandstone Upland Bur Oak Woodland

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of Silver Sagebrush Shrub Prairie

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of Skunkbrush Sumac Shrubland

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014
Range of

Threadleaf Sedge Western Mixed-Grass Prairie

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014
Range of
Upland Tall-Grass Prairie

Presence
- Known or Very Likely
- Potential
Range of Water-Lily Aquatic Wetland

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of

Western Alkaline Marsh
Range of Western Floodplain Terrace Grassland

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of Western Sand Prairie

Presence
- Known or Very Likely
- Potential
Range of Western Sandstone Cliff

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014

Presence
- Known or Very Likely
- Potential
Range of

Western Sedge Wet Meadow

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of Western Subirrigated Alkaline Meadow

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of \textit{Wheatgrass Western Mixed-Grass Prairie}

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\textbf{Presence}

- **Known or Very Likely**
- **Potential**

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014
Range of
Dry Ponderosa Pine Open Woodland and Savanna

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of
Dry Upland Bur Oak Woodland

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of Eastern Pondweed Aquatic Wetland

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program,
Nebraska Game and Parks Commission
September 2014
Range of
Northern Loess/Shale Bluff Prairie

Presence
- Known or Very Likely
- Potential

Nebraska Natural Heritage Program, Nebraska Game and Parks Commission
September 2014