

## Biologically Unique Landscape (NE)



### Tags

Biodiversity, Conservation, Landscape Analysis, Hotspot Analysis

### Summary

The purpose of the data set is to provide the public with information about areas in Nebraska which offer some of the best opportunities for conserving its full array of biological diversity.

### Description

This metadata record describes a shapefile depicting Nebraska's Biologically Unique Landscapes (BULs) and one Migratory Bird Landscapes (MBL) as identified in conjunction with the development of comprehensive wildlife conservation plan (Schneider et al 2005, aka the Natural Legacy Plan, and its subsequent revision in 2010/2011) for the state. The following summary of how BULs were defined is copied directly from Chapter 3, page 15 of that Schneider et al 2005: "One of the goals of the Natural Legacy Project is to identify a set of priority landscapes that, if properly managed, would conserve the majority of Nebraska's biological diversity. These landscapes, which we are calling Biologically Unique Landscapes, were selected based on known occurrences of at-risk species and ecological communities. In addition to at-risk species, these landscapes support a broad array of common species. The following sections describe the approach we used to identify the at-risk species, ecological communities and biologically unique landscapes." Initial efforts to implement the Natural Legacy Plan focused on nine Biologically Unique Landscapes (BULs) that had 'Flagship Initiatives' underway. Flagship Initiatives are coordinated efforts that include conservation actions on private and public lands, education and outreach, and monitoring and research. As part of the revision of the Natural Legacy Plan in 2010, six boundaries were modified. The changes were approved in early 2011.

### Credits

Aditya Peri, Data Manager for the Nebraska Natural Heritage Program (NNHP) at the time of the shapefiles' creation, did the editing to create the data.

### Use limitations

These data are a very rough approximation of reality and are designed for visualization rather than analysis. The data are not intended for use at scales larger than originally created. The original scale at which these maps were produced was no better than 1:3,000,000. Acknowledgement of the Nebraska Natural Heritage Program, Nebraska Game and Parks Commission would be appreciated in products derived from these data. The data remain the property of the Nebraska Game and Parks Commission. The data are provided for research, educational, and outreach purposes only. This data set is not designed for use as a regulatory tool in permitting or citing decisions. This is public information and may be interpreted by organizations, agencies, units of government, or others based on needs; however, they are responsible for the appropriate application. Federal, State, or local regulatory bodies are not to reassign to the NGPC any authority for the decisions that they make. The NGPC will not perform any evaluations of these maps for purposes related solely to State or local regulatory programs. Digital data files are periodically updated. Data users are responsible for obtaining the latest version of the data.

## ArcGIS Metadata

### Topics and Keywords

\* CONTENT TYPE      Downloadable Data

### Citation

\* TITLE Nebraska BULs and MBL - 2011

PRESENTATION FORMATS      \* digital map

### Resource Details

DATASET LANGUAGES      \* English (UNITED STATES)

SPATIAL REPRESENTATION TYPE      \* vector

\* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; ESRI ArcGIS 10.0.4.4000

### CREDITS

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### ARCGIS ITEM PROPERTIES

- \* NAME Nebraska BULs and MBL - 2011
- \* SIZE 0.846
- \* LOCATION
  - \* ACCESS PROTOCOL Local Area Network

### Extents

#### EXTENT

##### GEOGRAPHIC EXTENT

##### BOUNDING RECTANGLE

EXTENT TYPE      Extent used for searching

- \* WEST LONGITUDE -104.217614
- \* EAST LONGITUDE -95.091587
- \* NORTH LATITUDE 43.112439
- \* SOUTH LATITUDE 39.904566
- \* EXTENT CONTAINS THE RESOURCE Yes

#### EXTENT IN THE ITEM'S COORDINATE SYSTEM

- \* WEST LONGITUDE 74633.374422
- \* EAST LONGITUDE 818349.498289
- \* SOUTH LATITUDE 4429028.889816
- \* NORTH LATITUDE 4773301.043488
- \* EXTENT CONTAINS THE RESOURCE Yes

### Resource Constraints

#### CONSTRAINTS

##### LIMITATIONS OF USE

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## Spatial Reference

### ARCGIS COORDINATE SYSTEM

- \* TYPE Projected
- \* GEOGRAPHIC COORDINATE REFERENCE GCS\_North\_American\_1983
- \* PROJECTION NAD\_1983\_UTM\_Zone\_14N
- \* COORDINATE REFERENCE DETAILS

#### PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 26914

X ORIGIN -5120900

Y ORIGIN -9998100

XY SCALE 450445547.3910538

Z ORIGIN -100000

Z SCALE 10000

M ORIGIN -100000

M SCALE 10000

XY TOLERANCE 0.001

Z TOLERANCE 0.001

M TOLERANCE 0.001

HIGH PRECISION true

WELL-KNOWN TEXT

PROJCS["NAD\_1983\_UTM\_Zone\_14N",GEOGCS["GCS\_North\_American\_1983",DATUM["D\_North\_American\_1983",SPHEROID["GRS\_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Transverse\_Mercator"],PARAMETER["False\_Easting",500000.0],PARAMETER["False\_Northing",0.0],PARAMETER["Central\_Meridian",99.0],PARAMETER["Scale\_Factor",0.9996],PARAMETER["Latitude\_Of\_Origin",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",26914]]

### REFERENCE SYSTEM IDENTIFIER

- \* VALUE 26914
- \* CODESPACE EPSG
- \* VERSION 7.4.1

## Spatial Data Properties

### VECTOR

- \* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

### GEOMETRIC OBJECTS

FEATURE CLASS NAME Nebraska BULs and MBL - 2011

\* OBJECT TYPE composite

\* OBJECT COUNT 39

### ARCGIS FEATURE CLASS PROPERTIES

- \* FEATURE TYPE Simple
- \* GEOMETRY TYPE Polygon
- \* HAS TOPOLOGY FALSE

- \* FEATURE COUNT 39
- \* SPATIAL INDEX TRUE
- \* LINEAR REFERENCING FALSE

## Distribution

### DISTRIBUTOR

#### AVAILABLE FORMAT

- \* NAME Shapefile

### TRANSFER OPTIONS

- \* TRANSFER SIZE 0.846

### ONLINE SOURCE

- \* LOCATION
- \* ACCESS PROTOCOL Local Area Network
- \* DESCRIPTION Downloadable Data

### DISTRIBUTION FORMAT

- \* NAME Shapefile

### TRANSFER OPTIONS

- \* TRANSFER SIZE 0.846

## Fields

### DETAILS FOR OBJECT Nebraska BULs and MBL - 2011

- \* TYPE Feature Class
- \* ROW COUNT 39

### FIELD FID

- \* ALIAS FID
- \* DATA TYPE OID
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0
- \* FIELD DESCRIPTION  
Internal feature number.

- \* DESCRIPTION SOURCE  
ESRI

- \* DESCRIPTION OF VALUES Sequential unique whole numbers that are automatically generated.

### FIELD Shape

- \* ALIAS Shape
- \* DATA TYPE Geometry
- \* WIDTH 0
- \* PRECISION 0
- \* SCALE 0
- \* FIELD DESCRIPTION  
Feature geometry.

- \* DESCRIPTION SOURCE  
ESRI

- \* DESCRIPTION OF VALUES Coordinates defining the features.

#### FIELD Name

- \* ALIAS Name
- \* DATA TYPE String
- \* WIDTH 50
- \* PRECISION 0
- \* SCALE 0

#### FIELD Short\_Name

- \* ALIAS Short\_Name
- \* DATA TYPE String
- \* WIDTH 35
- \* PRECISION 0
- \* SCALE 0

#### FIELD Category

- \* ALIAS Category
- \* DATA TYPE String
- \* WIDTH 30
- \* PRECISION 0
- \* SCALE 0

#### FIELD Subcateg

- \* ALIAS Subcateg
- \* DATA TYPE String
- \* WIDTH 25
- \* PRECISION 0
- \* SCALE 0

#### FIELD Last\_Mod

- \* ALIAS Last\_Mod
- \* DATA TYPE String
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

#### FIELD Acres

- \* ALIAS Acres
- \* DATA TYPE Double
- \* WIDTH 19
- \* PRECISION 0
- \* SCALE 0

### OVERVIEW DESCRIPTION

#### Metadata Details

- \* METADATA LANGUAGE English (UNITED STATES)
- \* METADATA CHARACTER SET 8859part1 - Latin alphabet No. 1

SCOPE OF THE DATA DESCRIBED BY THE METADATA \* dataset  
SCOPE NAME \* dataset

- \* LAST UPDATE 2012-08-10

ARCGIS METADATA PROPERTIES  
METADATA FORMAT ESRI-ISO

CREATED IN ARCGIS 2011-02-24 10:21:46  
LAST MODIFIED IN ARCGIS 2012-08-10 15:33:06

AUTOMATIC UPDATES  
HAVE BEEN PERFORMED Yes  
LAST UPDATE 2012-08-10 15:33:06

#### Thumbnail and Enclosures

THUMBNAIL  
THUMBNAIL TYPE     JPG