



The DNR Data Deli

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SECTION 1: Identification Information

Originator: The Minnesota County Biological Survey, Minnesota Department of Natural Resources, Division of Ecological Resources

Title: MCBS Sites of Biodiversity Significance

Metadata Product ID: 25000017

Abstract: This data layer represents areas with varying levels of native biodiversity that may contain high quality native plant communities, rare plants, rare animals, and/or animal aggregations. Initially, boundaries of sites are determined by review of aerial photography in order to identify potential areas of native biodiversity based on native vegetation. In subsequent field investigations, MCBS assesses the ecological characteristics of the site and the presence of rare species. A biodiversity significance rank is assigned on the basis of the number of rare species, the quality of the native plant communities, size of the site, and context within the landscape. Following field investigations, site boundaries sometimes are revised, or sites added, to incorporate critical habitat for rare plants and rare animals. In these instances, the quality of native plant communities is not the primary criteria for ranking the site. MCBS Sites that are found to be disturbed are retained in the layer as negative data and are given the Biodiversity Significance rank of "Below." Those disturbed areas within MCBS Sites and all areas outside MCBS Sites are lands where native plant communities have been seriously altered or destroyed by human activities such as farming, recent logging, draining, and development.

Purpose: To track information on sites that have been surveyed by the Minnesota County Biological Survey so that areas of statewide biodiversity significance can be given priority for preservation.

Usage Tips: Data is available for counties where the MCBS work has been completed and published. Data is added as field work is verified, biodiversity significance ranks are established, and data are published. Data for previously completed counties are not regularly updated, except to correct for errors.

Time Period of Content: 1980 - Present

Currentness Reference: The data are current, by county, to the publication date of the County Biological Survey data for that county.

Progress: In Work

Maintenance Frequency: As Needed

Spatial Extent of Data: Data is available for counties where them MCBS work has been completed and published. This data set is considered the "state-wide"

version. Additional county data are added as field work is verified, biodiversity significance ranks are established, and data are published.

<i>Bounding Coordinates:</i>	E = -89 W = -97.5 N = 49.5 S = 43
<i>Place Keywords:</i>	Minnesota
<i>Theme Keywords:</i>	MCBS Sites, Native Plant Communities, Rare Species, Rare Plants, Natural Heritage, Biological Survey, biota
<i>Theme Keyword Thesaurus:</i>	None
<i>Access Constraints:</i>	None
<i>Use Constraints:</i>	Users must include in any product derived from this GIS data set an acknowledgment of the Minnesota County Biological Survey as the source of information. In addition, in order to protect DNR's copyright interest in these data, the user must also include an appropriate copyright notice in the name of the DNR or the user.
<i>Data Use Contact:</i>	Contact
<i>Sample Graphic:</i>	Data Sample

SECTION 2: Data Quality Information

<i>Attribute Accuracy:</i>	<i>mcbs_sbspy3.dbf</i> : Attribute values are subjected to a quality control process.
<i>Logical Consistency:</i>	null
<i>Completeness:</i>	Data are complete for each county represented in the data set.
<i>Horizontal Positional Accuracy:</i>	No quantitative studies of horizontal positional accuracy exist for the data. Positional accuracy can be reasonably estimated based on the characteristics of source materials and processing techniques to be 45 - 60 feet (14 - 18 meters) from correct position.
<i>Vertical Positional Accuracy:</i>	Not Applicable
<i>Lineage:</i>	<u>Attribute Lineage:</u> <i>mcbs_sbspy3.dbf</i> : The data have been automated using either ArcView or ArcGIS.
	<u>Cartographic Lineage:</u> <i>Sites of Biodiversity Significance Areas</i> : The data have been digitized using ArcGIS 9.x or ArcView 3.x at a minimum of 1:24,000 scale. The resulting data are converted to PostgresQL/PostGIS format for quality assurance procedures.
<i>Source Scale Denominator:</i>	24000

SECTION 3: Spatial Data Organization Information

<i>Native Data Set Environment:</i>	ArcView Shapefile
<i>Geographic Reference for Tabular Data:</i>	Not Applicable
<i>Tiling Scheme:</i>	state
<i>Spatial Object Type:</i>	polygon
<i>Vendor Specific Object Types:</i>	polygon

SECTION 4: Spatial Reference Information

<i>Horizontal Coordinate Scheme:</i>	UTM
<i>Ellipsoid:</i>	GRS1980
<i>Horizontal Datum:</i>	NAD83
<i>Horizontal Units:</i>	meters
<i>Altitude Datum:</i>	Not Applicable
<i>Altitude Units:</i>	Not Applicable
<i>Depth Datum:</i>	Not Applicable
<i>Depth Units:</i>	Not Applicable
<i>Cell Width:</i>	0
<i>Cell Height:</i>	0
<i>Latitude Resolution:</i>	0
<i>Longitude Resolution:</i>	0
<i>UTM Zone Number:</i>	15
<i>SPCS Zone Identifier:</i>	null
<i>County Coordinate Zone Identifier:</i>	null
<i>Coordinate Offsets or Adjustments:</i>	Not Applicable
<i>Map Projection Name:</i>	Transverse Mercator
<i>Map Projection Parameters:</i>	Not Applicable
<i>Other Coordinate System Definition:</i>	Not Applicable

SECTION 5: Entity and Attribute Information

<i>Entity and Attribute Overview:</i>	Each polygon is coded with specific information about its identity and the biodiversity significance of the area it encompasses.
<i>Entity and Attribute</i>	See <i>Attribute Tables</i> link below

Citation:

Attribute Tables: [Data Table](#)

SECTION 6: Distribution Information

Publisher: The Minnesota County Biological Survey, Minnesota Department of Natural Resources, Division of Ecological Resources

Publication Date: 1/1/2000

Distribution Contact [Contact](#)

Distributor Data Set Identifier: mcbs_sbspy3

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Transfer Format Name: Shapefile

Transfer Format Version: Not Applicable

Ordering Instructions: Visit the DNR Data Deli at the link provided.

Online Linkage: <http://deli.dnr.state.mn.us/>

SECTION 7: Metadata Reference Information

Metadata Content Contact: [Contact](#)

Metadata Standard Name: Minnesota Geographic Metadata Guidelines

Metadata Standard Date: 4/4/2001

Metadata Standard Version: 1.2

Metadata Standard Online Linkage: <http://www.gis.state.mn.us/stds/metadata.htm>

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