

Appendix H: Data Sources for Maps Used in the Chapter 5, Subsection Profiles

SGCN Element Occurrences by Township Map

Species Occurrences

Source: MN DNR Division of Ecological Services , Minnesota County Biological Survey– Rare animal surveys
<http://www.dnr.state.mn.us/eco>

Source: MN DNR Division of Ecological Services, Minnesota Statewide Mussel Survey
http://www.dnr.state.mn.us/eco/nhnrp/mussel_survey

Source: MN DNR Division of Fish and Wildlife, Lake and Stream Surveys
<http://www.dnr.state.mn.us/fisheries/management/gatherinfo.html>

Source: MN DNR Division of Ecological Services, Natural Heritage Information System
<http://www.dnr.state.mn.us/eco/nhnrp/nhis.html>

Township maps

Source: PLS Town-Range Boundaries
http://deli.dnr.state.mn.us/data_catalog.html

Number of SGCN Occurrences by township

Notes: Combined data sources from Species Occurrences, using occurrences since 1990 only, and summed the total number of occurrences by township, using the Township maps baselayer.

Public and private conservancy

Source: GAP Stewardship - All Ownership Types
http://deli.dnr.state.mn.us/data_catalog.html

Notes: Public and private conservancy polygons were selected from the main dataset for presentation in the map.

Counties

Source: Minnesota County Boundaries

http://deli.dnr.state.mn.us/data_catalog.html

Subsections

Source: Ecological Subsections of Minnesota

http://deli.dnr.state.mn.us/data_catalog.html

Distribution of Key Habitats and Species Richness by Township Map

Most terrestrial key habitats

Source: MCBS Native Plant Communities

http://deli.dnr.state.mn.us/data_catalog.html

Source: MCBS Railroad Rights-of-way Prairies

http://deli.dnr.state.mn.us/data_catalog.html

Source: GAP Land Cover – Raster

http://deli.dnr.state.mn.us/data_catalog.html

Notes: Where available, the MCBS Native Plant Communities were used instead of the GAP Land Cover. For both coverages, we selected and displayed only the key habitats for the subsection.

Grasslands

Source: HAPET Grassland Bird Conservation Areas (GBCAs)

<http://www.fws.gov/midwest/hapet/GrasslandBirdMaps.htm>

Notes: Type 1 and 2 GBCAs are displayed. GBCAs were not available the Oak Savanna and St. Paul-Baldwin Plains subsections. See below for sources used for those subsections.

Source: HAPET Classified Landuse/Landcover

<http://www.fws.gov/midwest/hapet/DistLandcovrMap.htm>

Notes: Used for grasslands in the Oak Savanna subsection. Only grassland patches greater than 80 acres in size are displayed.

Source: Twin Cities Metro Hybrid Landcover (2000)

http://deli.dnr.state.mn.us/data_catalog.html

Notes: The following categories were used to identify grasslands: 61. Tall grasses – Inventory, 63. Dry tall grasses, 65. Tall grass – Satellite Derived. Boundaries between these three polygons were dissolved. Displayed are grassland patches greater than 80 acres in size, and other grassland patches within 200 feet of the larger 80 acre patches.

Key River Reaches

Notes: All three of the following data sources were used for displaying the key river reaches. See Chapter 7 for a description of how these were selected.

Source: The Nature Conservancy (TNC)

Notes: This is a compilation of river sources used for several different TNC plans and is not currently available publicly.

Source: Major River Centerline Traces in Minnesota

http://deli.dnr.state.mn.us/data_catalog.html

Source: DNR 24 k rivers and streams

http://deli.dnr.state.mn.us/data_catalog.html

Shallow Lakes

Source: Shallow lakes shapefile from the MN DNR Shallow Lakes Program

<http://www.dnr.state.mn.us/wildlife/shallowlakes/habitateval.html>

Notes: This dataset is not yet publicly available.

Deep lakes

Source: DNR 100k Lakes and Rivers

http://deli.dnr.state.mn.us/data_catalog.html

Notes: Only those lakes with at least one SGCN fish or mussel element occurrence, using the fish and mussel data described above, are displayed.

SGCN Richness

Notes: Using the data described under SGCN occurrences above, we summed the number of species per township.

Counties

Source: Minnesota County Boundaries

http://deli.dnr.state.mn.us/data_catalog.html

Subsections

Source: Ecological Subsections of Minnesota

http://deli.dnr.state.mn.us/data_catalog.html