

**ATTACHMENT B**

**MINNESOTA DEPARTMENT OF NATURAL RESOURCES**

**NATURAL HERITAGE INFORMATION SYSTEM**

**SUMMARY INDEX OCCURRENCES REPORT (ERDB #20140074)**

Printed July 2015  
 Data valid for one year

**Rare Features Database:**

Element Name and Occurrence Number	Federal Status	MN Status	Draft Status	SGCN Status	State Rank	Global Rank	Last Obs Date	EO ID #
<b>Vertebrate Animal</b>								
<u>Aphredoderus sayanus</u> (Pirate Perch) #1 T109N R09W S19, T109N R09W S18; Wabasha County		SPC		SGCN	S3	G5	2007-07	14630
<u>Aphredoderus sayanus</u> (Pirate Perch) #5 T109N R09W S8, T109N R09W S9; Wabasha County		SPC		SGCN	S3	G5	1986-07	6931
<u>Buteo lineatus</u> (Red-shouldered Hawk) #249 T109N R09W S4, T109N R09W S8, T109N R09W S5, T109N R09W S9; Wabasha County		SPC		SGCN	S3B,SNRN	G5	1996-04-16	18877
<u>Emydoidea blandingii</u> (Blanding's Turtle) #13 T109N R10W S13, T109N R10W S14, T109N R09W S19, T109N R10W S11, T [...]; Wabasha County		THR		SGCN	S2	G4	1977	1656
<u>Emydoidea blandingii</u> (Blanding's Turtle) #23 T109N R10W S13, T109N R09W S7, T109N R10W S12, T109N R09W S18; Wabasha County		THR		SGCN	S2	G4	1978-06-16	1666
<u>Emydoidea blandingii</u> (Blanding's Turtle) #357 T109N R09W S8, T109N R09W S5; Wabasha County		THR		SGCN	S2	G4	1988-06-19	9009
<u>Emydoidea blandingii</u> (Blanding's Turtle) #475 T109N R09W S8, T109N R09W S9; Wabasha County		THR		SGCN	S2	G4	1988-05-04	11193
<u>Emydoidea blandingii</u> (Blanding's Turtle) #515 T109N R09W S19, T109N R09W S18; Wabasha County		THR		SGCN	S2	G4	1990-06-17	11315
<u>Emydoidea blandingii</u> (Blanding's Turtle) #712 T109N R09W S18; Wabasha County		THR		SGCN	S2	G4	1995-06-20	18122
<u>Emydoidea blandingii</u> (Blanding's Turtle) #717 T109N R09W S4, T109N R09W S8, T109N R09W S5, T109N R09W S9; Wabasha County		THR		SGCN	S2	G4	1993-05-25	18123
<u>Emydoidea blandingii</u> (Blanding's Turtle) #744 T109N R09W S7, T109N R09W S18; Wabasha County		THR		SGCN	S2	G4	1996-06-24	19478
<u>Emydoidea blandingii</u> (Blanding's Turtle) #792 T109N R09W S18; Wabasha County		THR		SGCN	S2	G4	2007-08-21	19545
<u>Emydoidea blandingii</u> (Blanding's Turtle) #797 T109N R09W S8, T109N R09W S5; Wabasha County		THR		SGCN	S2	G4	1995-06-22	14285

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<b>Vertebrate Animal</b>								
<u>Gallinula galeata</u> (Common Gallinule) #13 T109N R09W S8, T109N R09W S9; Wabasha County		SPC		SGCN	S3B	G5	1988-08-13	8625
<u>Grus canadensis</u> (Sandhill Crane) #440 T109N R09W S18; Wabasha County		Watchlist			S4B,SNR	G5	2002-07-20	29988
<u>Heterodon nasicus</u> (Plains Hog-nosed Snake) #15 T109N R10W S13, T109N R09W S7, T109N R10W S12, T109N R09W S18; Wabasha County		SPC		SGCN	S3	G5	1988-08-17	8978
<u>Heterodon platirhinos</u> (Eastern Hognose Snake) #7 T109N R09W S19, T109N R09W S17, T109N R09W S18; Wabasha County		Watchlist		SGCN	S4	G5	1986-06-07	7158
<u>Morone mississippiensis</u> (Yellow Bass) #6 T109N R09W S20, T109N R09W S17; Wabasha County		SPC		SGCN	S3	G5	1992-07-15	16121
<u>Morone mississippiensis</u> (Yellow Bass) #7 T109N R09W S10, T109N R09W S9; Wabasha County		SPC		SGCN	S3	G5	1992-09-15	16122
<u>Opsopoeodus emiliae</u> (Pugnose Minnow) #6 T109N R09W S20, T109N R09W S17; Wabasha County		Watchlist		SGCN	S4	G5	1989-07-10	16419
<u>Opsopoeodus emiliae</u> (Pugnose Minnow) #7 T109N R09W S8, T109N R09W S9; Wabasha County		Watchlist		SGCN	S4	G5	1992-07-14	16420
<u>Opsopoeodus emiliae</u> (Pugnose Minnow) #8 T109N R09W S10, T109N R09W S9; Wabasha County		Watchlist		SGCN	S4	G5	1988-07-20	16422
<u>Opsopoeodus emiliae</u> (Pugnose Minnow) #10 T109N R09W S8, T109N R09W S17, T109N R09W S16, T109N R09W S9; Wabasha County		Watchlist		SGCN	S4	G5	1986-09	16446
<u>Opsopoeodus emiliae</u> (Pugnose Minnow) #13 T109N R09W S17, T109N R09W S16; Wabasha County		Watchlist		SGCN	S4	G5	1990-09-19	16450
<u>Perognathus flavescens</u> (Plains Pocket Mouse) #19 T109N R09W S8, T109N R09W S5; Wabasha County		SPC		SGCN	S3	G5	1996-08-09	6348
<u>Pituophis catenifer</u> (Gophersnake) #74 T109N R09W S18; Wabasha County		SPC		SCGN	S3	G5	2000-05-02	18115

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Element Name and Occurrence Number	Federal Status	MN Status	Draft Status	SGCN Status	State Rank	Global Rank	Last Obs Date	EO ID #
<b>Vertebrate Animal</b>								
<u>Pituophis catenifer</u> (Gophersnake) #87 T109N R09W S8; Wabasha County		SPC		SGCN	S3	G5	1995-06-07	21586
<u>Polyodon spathula</u> (Paddlefish) #21 T110N R09W S20, T109N R09W S10, T109N R09W S33, T110N R09W S32, T [...]; Winona, Wabasha County		THR		SGCN	S2	G4	1994-06-01	19995
<u>Scaphirhynchus platyrhynchus</u> (Shovelnose Sturgeon) #39 T109N R09W S4, T109N R09W S9; Wabasha County		Watchlist		SGCN	S4	G4	1980-06	16513
<u>Sterna forsteri</u> (Forster's Tern) #18 T109N R09W S8, T109N R09W S17, T109N R09W S16, T109N R09W S9; Wabasha County		SPC		SGCN	S3B	G5	1984-06-26	25138
<b>Invertebrate Animal</b>								
<u>Arcidens confragosus</u> (Rock Pocketbook) #1 T109N R09W S4, T109N R09W S33, T110N R09W S20, T110N R10W S2, T [...]; Winona, Wabasha County		END		SGCN	S1	G4	1977-09	1433
<u>Hesperia leonardus leonardus</u> (Leonard's Skipper) #18 T109N R09W S6, T109N R09W S8, T109N R09W S5, T109N R09W S7; Wabasha County		SHL-SPC		SGCN	S3	G4T4	1974-08-27	26342
<u>Hesperia ottoe</u> (Ottoe Skipper) #7 T109N R09W S6, T109N R09W S8, T109N R09W S5, T109N R09W S7; Wabasha County		END		SGCN	S1	G3G4	1989-07-23	2459
<u>Ligumia recta</u> (Black Sandshell) #16 T109N R09W S4, T109N R09W S10, T109N R09W S8, T109N R09W S16, T [...]; Wabasha County		SPC		SGCN	S3	G4G5	1977-09	2523
<u>Obovaria olivaria</u> (Hickorynut) #97 T109N R09W S4, T109N R09W S10, T109N R09W S8, T109N R09W S16, T [...]; Wabasha County		Watchlist		SGCN	S3	G4	1987-02-24	26234
<u>Pelegrina arizonensis</u> (A Jumping Spider) #3 T109N R09W S6, T109N R09W S8, T109N R09W S5, T109N R09W S7; Wabasha County		SPC		SGCN	S3	GNR	1996-05-31	25081
<u>Phidippus apacheanus</u> (A Jumping Spider) #3 T109N R09W S6, T109N R09W S8, T109N R09W S5, T109N R09W S7; Wabasha County		SPC		SGCN	S3	GNR	1982-08-24	27755

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<b>Invertebrate Animal</b>								
<u>Plethobasus cyphus</u> (Sheepnose) #6 T110N R09W S20, T110N R10W S2, T109N R09W S10, T111N R10W S28, T [...]; Winona, Wabasha County	LE	END		SGCN	S1	G3	1979	30387
<u>Speyeria idalia</u> (Regal Fritillary) #48 T109N R09W S8, T109N R09W S5; Wabasha County		SPC		SGCN	S3	G3	1975-08-08	23542
<u>Speyeria idalia</u> (Regal Fritillary) #159 T109N R09W S6, T109N R09W S8, T109N R09W S5, T109N R09W S7; Wabasha County		SPC		SGCN	S3	G3	1982-07-02	23676
<b>Vascular Plant</b>								
<u>Aristida tuberculosa</u> (Sea-beach Needlegrass) #1 T110N R10W S2, T110N R10W S10, T110N R09W S20, T110N R10W S26, T [...]; Wabasha, Buffalo County		THR			S2	G5	1945-09-21	3509
<u>Aristida tuberculosa</u> (Sea-beach Needlegrass) #10 T109N R09W S8, T109N R09W S5; Wabasha County		THR			S2	G5	1982-08-20	3518
<u>Asclepias amplexicaulis</u> (Clasping Milkweed) #7 T110N R09W S32, T109N R09W S6, T109N R09W S8, T109N R09W S5, T [...]; Wabasha County		THR			S2	G5	2013-08-08	3534
<u>Baptisia bracteata</u> var. <u>glabrescens</u> (Plains Wild Indigo) #3 T109N R09W S8, T109N R09W S7; Wabasha County		SPC			S3	G4G5T4	1982-05-30	3714
<u>Baptisia bracteata</u> var. <u>glabrescens</u> (Plains Wild Indigo) #4 T109N R09W S8, T109N R09W S17, T109N R09W S7, T109N R09W S18; Wabasha County		SPC			S3	G4G5T4	1961-07-11	3715
<u>Baptisia lactea</u> var. <u>lactea</u> (White Wild Indigo) #2 T109N R09W S8, T109N R09W S7; Wabasha County		SPC			S3	G5T4T5	1982-07-13	3738
<u>Baptisia lactea</u> var. <u>lactea</u> (White Wild Indigo) #9 T109N R10W S13, T109N R09W S7, T109N R10W S12, T109N R09W S18; Wabasha County		SPC			S3	G5T4T5	1961-07-11	3745
<u>Carex crus-corvi</u> (Raven's Foot Sedge) #2 T109N R09W S10, T109N R09W S4, T109N R09W S8, T109N R09W S17, T [...]; Wabasha County		Watchlist			SH	G5	1926-08-26	3953

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<b>Vascular Plant</b>								
<u>Carex davisii</u> (Davis' Sedge) #4 T110N R09W S32, T110N R09W S20, T109N R09W S16, T109N R09W S5, T [...]; Wabasha County		THR			S2	G4	1996-07-26	3957
<u>Carex grayi</u> (Gray's Sedge) #16 T109N R09W S9; Wabasha County		SPC			S3	G4	1995-06-29	21387
<u>Carex grayi</u> (Gray's Sedge) #17 T109N R09W S4, T109N R09W S8, T109N R09W S5, T109N R09W S9; Wabasha County		SPC			S3	G4	1995-07-13	21413
<u>Carex grayi</u> (Gray's Sedge) #22 T109N R09W S16, T109N R09W S9; Wabasha County		SPC			S3	G4	1996-07-26	19827
<u>Carex muskingumensis</u> (Muskingum Sedge) #17 T109N R09W S4, T109N R09W S8, T109N R09W S5, T109N R09W S9; Wabasha County		SPC			S3	G4	1995-07-13	21412
<u>Carex muskingumensis</u> (Muskingum Sedge) #22 T109N R09W S16, T109N R09W S9; Wabasha County		SPC			S3	G4	1996-07-26	19830
<u>Carex muskingumensis</u> (Muskingum Sedge) #23 T109N R09W S9; Wabasha County		SPC			S3	G4	1996-07-26	19825
<u>Carex typhina</u> (Cattail Sedge) #18 T109N R09W S4, T109N R09W S8, T109N R09W S5, T109N R09W S9; Wabasha County		SPC			S3	G5	1995-07-13	21414
<u>Carex typhina</u> (Cattail Sedge) #22 T109N R09W S16, T109N R09W S9; Wabasha County		SPC			S3	G5	1996-07-26	6308
<u>Commelina erecta</u> (Slender Dayflower) #1 T109N R09W S5; Wabasha County		END			S1	G5	1996-07-23	37800
<u>Helianthemum canadense</u> (Canada Frostweed) #10 T109N R09W S8, T109N R09W S5; Wabasha County		SPC			S3	G5	1982-06-09	4789
<u>Hieracium longipilum</u> (Long-bearded Hawkweed) #1 T109N R09W S8, T109N R09W S7; Wabasha County		Watchlist			SNR	G4G5	1982-07-27	4802
<u>Hieracium longipilum</u> (Long-bearded Hawkweed) #2 T110N R09W S32, T109N R09W S6, T109N R09W S8, T109N R09W S5, T [...]; Wabasha County		Watchlist			SNR	G4G5	1978-07-26	4803

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<b>Vascular Plant</b>								
<u>Hieracium longipilum</u> (Long-bearded Hawkweed) #3 T109N R09W S18; Wabasha County			Watchlist		SNR	G4G5	1979-08-16	4804
<u>Hudsonia tomentosa</u> (Beach-heather) #16 T109N R09W S6, T109N R09W S8, T109N R09W S5, T109N R09W S7, T [...]; Wabasha County			THR		S2	G5	2013-08-08	19180
<u>Leersia lenticularis</u> (Catchfly Grass) #6 T109N R09W S4, T109N R09W S8, T109N R09W S5, T109N R09W S9; Wabasha County			THR		S2	G5	1926-08-23	4884
<u>Nuttallanthus canadensis</u> (Old Field Toadflax) #8 T109N R09W S8; Wabasha County			SPC		S3	G5	1982-05-17	4919
<u>Phemeranthus rugospermus</u> (Rough-seeded Fameflower) #6 T109N R09W S6, T109N R09W S8, T109N R09W S5; Wabasha County			THR		S2	G3G4	1996-07-23	5677
<u>Quercus bicolor</u> (Swamp White Oak) #3 T109N R09W S9; Wabasha County			SPC		S3	G5	1996-07-26	19826
<u>Quercus bicolor</u> (Swamp White Oak) #4 T109N R09W S16, T109N R09W S9; Wabasha County			SPC		S3	G5	1996-07-26	19831
<u>Scutellaria ovata var. versicolor</u> (Ovate-leaved Skullcap) #13 T109N R09W S16; Wabasha County			THR		S2	G5T5	1996-07-26	6307
<u>Tephrosia virginiana</u> (Goat's-rue) #1 T109N R09W S18; Wabasha County			SPC		S3	G5	1979-08-16	5678
<u>Tephrosia virginiana</u> (Goat's-rue) #8 T109N R09W S8; Wabasha County			SPC		S3	G5	1982-07-08	5685
<u>Tephrosia virginiana</u> (Goat's-rue) #35 T109N R09W S8, T109N R09W S5; Wabasha County			SPC		S3	G5	1996-07-23	18723
<u>Triplasis purpurea var. purpurea</u> (Purple Sand-grass) #3 T109N R09W S8; Wabasha County			SPC		S3	G4G5TN	1982	5796

**Native Plant Community** (This may not represent a complete list. Also see MCBS Native Plant Communities at <http://deli.dnr.state.mn.us>.)

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<b>Native Plant Community (This may not represent a complete list. Also see MCBS Native Plant Communities at <a href="http://deli.dnr.state.mn.us">http://deli.dnr.state.mn.us</a>.)</b>									
<u>Dry Barrens Oak Savanna (Southern); Oak Subtype #28</u> T109N R09W S6, T109N R09W S5; Wabasha County				(NPC Code: UPs14a2)	N/A	S1S2	GNR	1996-07-23	21049
<u>Dry Barrens Prairie (Southern) Type #4</u> T109N R09W S6, T109N R09W S5; Wabasha County				(NPC Code: UPs13a)	N/A	S1S2	GNR	1994-09-20	259
<u>Silver Maple - (Virginia Creeper) Floodplain Forest Type #46</u> T109N R09W S9; Wabasha County				(NPC Code: FFs68a)	N/A	S3	GNR	1995-07-13	1092
<u>Swamp White Oak Terrace Forest Type #3</u> T109N R09W S8, T109N R09W S9; Wabasha County				(NPC Code: FFs59b)	N/A	S1	GNR	1995-06-29	21258
<u>Swamp White Oak Terrace Forest Type #8</u> T109N R09W S16, T109N R09W S9; Wabasha County				(NPC Code: FFs59b)	N/A	S1	GNR	1996-06-29	20979
<b>Other (Ecological)</b>									
<u>Wind deposition (holocene) #3</u> T109N R09W S6, T109N R09W S4, T109N R09W S8, T109N R09W S16, T [...]; Wabasha County					N/A	SNR	GNR	1981	163
<u>Wind process (holocene) #1</u> T109N R09W S6, T109N R09W S4, T109N R09W S8, T109N R09W S16, T [...]; Wabasha County					N/A	SNR	GNR	1981	167

Records Printed = 80

Minnesota's endangered species law (*Minnesota Statutes*, section 84.0895) and associated rules (*Minnesota Rules*, part 6212.1800 to 6212.2300 and 6134) prohibit the taking of threatened or endangered species without a permit. For plants, taking includes digging or destroying. For animals, taking includes pursuing, capturing, or killing.

**An Explanation of Fields:**

**Element Name and Occurrence Number:** The Element is the name of the rare feature. For plant and animal species records, this field holds the scientific name followed by the common name in parentheses; for all other elements it is solely the element name. Native plant community names correspond to Minnesota's Native Plant Community Classification (Version 2.0). The Occurrence Number, in combination with the Element Name, uniquely identifies each record.

**Federal Status:** The status of the species under the U.S. Endangered Species Act: LE = endangered; LT = threatened; LE,LT = listed endangered in part of its range, listed threatened in another part of its range; LT,PDL = listed threatened, proposed for delisting; C = candidate for listing. If null or 'No Status,' the species has no federal status.



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**Minnesota Natural Heritage Information System**  
**Index Report of records within 1 mile radius of:**

**MN Status:** The legal status of the plant or animal species under the Minnesota Endangered Species Law: END = endangered; THR = threatened; SPC = special concern; NON = tracked, but no legal status. Native plant communities, geological features, and colonial waterbird nesting sites do not have any legal status under the Endangered Species Law and are represented by a N/A.

**Draft Status:** Proposed change to the legal status of the plant or animal species under the Minnesota Endangered Species Law: END = endangered; THR = threatened; SPC = special concern; Watchlist = tracked, but no legal status.

**SGCN Status:** SGCN = The species is a Species in Greatest Conservation Need as identified in Minnesota's State Wildlife Action Plan (<http://www.dnr.state.mn.us/cwcs/index.html>). This designation applies to animals only.

**State Rank:** Rank that best characterizes the relative rarity or endangerment of the taxon or plant community in Minnesota. The ranks do not represent a legal status. They are used by the Minnesota Department of Natural Resources to set priorities for research, inventory and conservation planning. The state ranks are updated as inventory information becomes available. S1 = Critically imperiled in Minnesota because of extreme rarity or because of some factor(s) making it especially vulnerable to extirpation from the state. S2 = Imperiled in Minnesota because of rarity or because of some factor(s) making it very vulnerable to extirpation from the state. S3 = Vulnerable in Minnesota either because rare or uncommon, or found in a restricted range, or because of other factors making it vulnerable to extirpation. S4 = Apparently secure in Minnesota, usually widespread. S5 = Demonstrably secure in Minnesota, essentially ineradicable under present conditions. SH = Of historical occurrence in the state, perhaps having not been verified in the past 20 years, but suspected to be still extant. An element would become SH without the 20-year delay if the only known occurrences in the state were destroyed or if it had been extensively and unsuccessfully looked for. SNR = Rank not yet assessed. SU = Unable to rank. SX = Presumed extinct in Minnesota. SNA = Rank not applicable. S#S# = Range Rank: a numeric range rank (e.g., S2S3) is used to indicate the range of uncertainty about the exact status of the element. S#B, S#N = Used only for migratory animals, whereby B refers to the breeding population of the element in Minnesota and N refers to the non-breeding population of the element in Minnesota.

**Global Rank:** The global (i.e., range-wide) assessment of the relative rarity or imperilment of the species or community. Ranges from G1 (critically imperiled due to extreme rarity on a world-wide basis) to G5 (demonstrably secure, though perhaps rare in parts of its range). Global ranks are determined by NatureServe, an international network of natural heritage programs and conservation data centers.

**Last Observed Date:** Date that the Element Occurrence was last observed to be extant at the site in format YYYY-MM-DD.

**EO ID #:** Unique identifier for each Element Occurrence record.

**Element Occurrence:** An area of land and/or water in which an Element (i.e., a rare species or community) is, or was, present, and which has practical conservation value for the Element as evidenced by potential continued (or historical) presence and/or regular recurrence at a given location. Specifications for each species determine whether multiple observations should be considered 1 Element Occurrence or 2, based on minimum separation distance and barriers to movement.