

# ITR Concession Company, LLC - Water Quality Characterization Report 2025

Water Quality Characterization Report as required by the Indiana Department of Environmental Management (IDEM) Municipal Separate Storm Sewer System (MS4) National Pollutant Discharge Elimination System (NPDES) General Permit.

Prepared for:  
ITR Concession Company, LLC

March 21, 2025

Prepared by:  
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Project/File:  
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# Table of Contents

Introduction .....	ii
<b>1 Water Quality Characterization Report .....</b>	<b>3</b>
1.1 Land Use .....	3
1.2 Structural Stormwater Management Measures .....	3
1.3 Receiving Waters and Watersheds.....	4
1.4 Impaired Waters .....	5
1.4.1 303d Listed Impaired Waters .....	6
1.4.2 Total Maximum Daily Load (TMDL) .....	8
1.5 Sensitive Areas .....	9
1.5.1 Species Habitat .....	9
1.5.2 Outstanding State and National Resource Waters .....	9
1.6 Monitoring Data .....	9
1.7 Stormwater Quality Contributors .....	9
1.8 Data Evaluation .....	10

## Appendix A Endangered, Threatened and Rare Species List per County



## **Introduction**

This Water Quality Characterization Report (WQCR) describes the receiving waters for the Indiana Toll Road (ITR) for the 2024 reporting year as required by the Indiana Department of Environmental Management (IDEM) Municipal Separate Sewer System General Permit (MS4GP).

The ITR spans seven counties (Lake, Porter, LaPorte, St. Joseph, Elkhart, LaGrange, and Steuben) and 157 miles across northern Indiana from the Illinois to Ohio borders. The vast majority of ITRCC-owned land (MS4 Area) is occupied by the roadway and adjacent typical 300-foot-wide right-of-way (ROW) with additional facilities in the way of toll plazas, travel plazas, maintenance and storage facilities, and administrative offices. This boundary map will continue to be refined to accurately depict all ITR facilities.

The ITR is a non-traditional MS4 with a unique footprint (i.e., linear corridor) and population (i.e., no residents, just passengers, employees, and contractors).



# 1 Water Quality Characterization Report

This WQCR provides a general overview and characterization of the ITR MS4 area and receiving waters as updated from the baseline characterization provided in the Notice of Intent (NOI). This report uses documentation of land use, sensitive waters, stormwater management measures and available water quality data to characterize the current state of water quality within the ITR MS4 area.

## 1.1 Land Use

As a non-traditional MS4, the ITR land use is generally predetermined and static. Considerations of land use to control stormwater quality and quantity is not an effective tool available to the ITR MS4.

Approximately 47% of the ITR MS4 Area is classified as developed (medium and high intensity) land, which is largely attributed to either roadway, parking lots, or associated ITR facilities (e.g., toll plazas, travel plazas, maintenance facilities, storage facilities). An additional 45% is classified as either open space or low intensity developed, which based on the land cover maps is largely attributed to grassed ROW areas. The remaining approximately 8% of land is classified as other various land uses such as open water, wetlands, forest, and other undeveloped land covers.

No residential zones nor private industrial facilities exist within the MS4 Area.

## 1.2 Structural Stormwater Management Measures

ITR owns and operates a variety of structural stormwater management measures for the purposes for stormwater quality, stormwater management and flood control as summarized in Table 1 below.

Table 1. Structural Stormwater Management Measures

ID	Name	Type	Latitude	Longitude	Condition
1430428	BMP1	Oil Water Separator	41°43'30.0730"N	84°57'53.6775"W	Good
1430442	BMP2	Oil Water Separator	41°43'29.4764"N	84°57'53.9460"W	Good
1430452	BMP3	Oil Water Separator	41°43'30.4941"N	84°57'53.1102"W	Good
1430480	BMP 4	Oil Water Separator	41°43'38.7920"N	84°58'3.6501"W	Good
1439187	Elkhart	Oil Water Separator	41°43'55.5959"N	86°3'29.9254"W	Good
1457255	Lagrange	Oil Water Separator	41°44'46.1947"N	85°32'44.6242"W	Good
1456947	Laporte	Oil Water Separator	41°40'24.7079"N	86°40'56.9918"W	Good
1456915	Porter	Oil Water Separator	41°34'51.2440"N	87°11'4.2929"W	Good
143546	Steuben	Oil Water Separator	41°45'8.5180"N	85°6'52.5842"W	Good



### 1.3 Receiving Waters and Watersheds

The ITR MS4 includes 34 perennial receiving waters listed below (Table 2) which includes 31 rivers/streams and 3 wetlands. Receiving waters were identified using the EPA’s WATERSKMZ Tool which overlaid the MS4 area and perennial streams according to the National Hydrography Dataset map.

Table 2. Receiving Waters at MS4 Area Intersections

Waterway Name	Longitude	Latitude
Wolf Lake (wetland)	-87.5215	41.6726
Grand Calumet River (Lake) (wetland)	-87.4888	41.6170
Grand Calumet River	-87.3804	41.6096
	-87.3497	41.6081
Portage-Burns Waterway	-87.2270	41.5910
Willow Creek	-87.2010	41.5837
Crisman Ditch	-87.1823	41.5801
Robbins Ditch	-87.1594	41.5779
Salt Creek	-87.1305	41.5719
Swanson Lamporte Ditch	-87.0908	41.5793
Coffee Creek	-87.0302	41.5717
Sand Creek	-86.9889	41.5704
	-86.9649	41.5750
	-86.9510	41.5795
	-86.9458	41.5817
UNT Little Calumet River, East Arm (Salmonid)	-86.9351	41.5848
	-86.8941	41.5910
	-86.9113	41.5882
Reynolds Creek	-86.9113	41.5882
Little Kankakee River	-86.6523	41.6867
Saint Joseph River	-86.2671	41.7224
	-86.2519	41.7225
	-86.2418	41.7181
Juday Creek	-86.2310	41.7164
	-86.1192	41.7337
	-86.0984	41.7322



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<b>Waterway Name</b>	<b>Longitude</b>	<b>Latitude</b>
Cobus Creek	-86.0560	41.7311
Christiana Creek	-85.9837	41.7312
Puterbaugh Creek	-85.9297	41.7298
Saint Joseph River	-85.8154	41.7358
	-85.8109	41.7351
UNT York Township Ditch (Freshwater Forested/Shrub Wetland)	-85.7454	41.7350
York Township Ditch	-85.7260	41.7427
Fetch Ditch	-85.6944	41.7470
Pigeon River	-85.5806	41.7534
Fawn River (Put & Take Trout)	-85.4707	41.7533
	-85.4573	41.7530
Fawn River	-85.4003	41.7528
	-85.2306	41.7550
UNT Fawn River	-85.3733	41.7484
UNT Fawn River	-85.1831	41.7559
Crooked Creek	-85.0211	41.7450
Big Otter Lake Inlet	-84.9904	41.7355
Marsh Lake Inlet	-84.9600	41.7189
Pigeon Creek	-84.8986	41.6908
West Branch of Fish Creek	-84.8444	41.6565
Fish Creek	-84.8196	41.6315

## **1.4 Impaired Waters**

The ITR spans seven counties in Northern Indiana from Illinois to Ohio and therefore crosses numerous water bodies. The relatively narrow right-of-way results in a limited geographic area within each watershed.



### 1.4.1 303d Listed Impaired Waters

Section 303(d) of the Clean Water Act (CWA) requires the State of Indiana to identify waters that do not meet water quality standards. Table 4 below shows the 303d listed impaired waters within the ITR MS4 and the impairment(s) for each waterway from data found on IDEMs website.

Table 3. 303d Listed Impaired Waters

Waterway Name	Unit ID	Impairment(s)
Big Otter Lake Inlet	INJ0181_T1001	BIOLOGICAL INTEGRITY
Christiana Creek	INJ01E3_01	PCBS IN FISH TISSUE
Cobus Creek	INJ01M1_02	ESCHERICHIA COLI (E. COLI)
		BIOLOGICAL INTEGRITY
Coffee Creek	INC0143_T1009	ESCHERICHIA COLI (E. COLI)
		BIOLOGICAL INTEGRITY
Crisman Ditch	INC0159_T1003	ESCHERICHIA COLI (E. COLI)
		BIOLOGICAL INTEGRITY
		DISSOLVED OXYGEN
Fetch Ditch	INJ01B7_T1003	ESCHERICHIA COLI (E. COLI)
		BIOLOGICAL INTEGRITY
Grand Calumet River	INK0347_01	AMMONIA, UN-IONIZED
		NUTRIENTS
		ESCHERICHIA COLI (E. COLI)
		CYANIDE (AS FREE CYANIDE)
		BIOLOGICAL INTEGRITY
	INK0346_04	PCBS IN FISH TISSUE
		ESCHERICHIA COLI (E. COLI)
		OIL AND GREASE
		BIOLOGICAL INTEGRITY
	INK0346_03	PCBS IN FISH TISSUE
INK0346_03	AMMONIA, UN-IONIZED	



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Waterway Name	Unit ID	Impairment(s)
		OIL AND GREASE
		BIOLOGICAL INTEGRITY
		PCBS IN FISH TISSUE
Juday Creek	INJ01M6_03	ESCHERICHIA COLI (E. COLI)
	INJ01M6_T1001	ESCHERICHIA COLI (E. COLI)
	INJ01M6_02	ESCHERICHIA COLI (E. COLI) BIOLOGICAL INTEGRITY
UNT Little Calumet River, East Arm (Salmonid)	INC0141_T1005	ESCHERICHIA COLI (E. COLI)
		BIOLOGICAL INTEGRITY
	INC0141_T1004	ESCHERICHIA COLI (E. COLI)
		BIOLOGICAL INTEGRITY
	INC0142_T1005B	ESCHERICHIA COLI (E. COLI) BIOLOGICAL INTEGRITY
Pigeon Creek	INJ01A1_03	ESCHERICHIA COLI (E. COLI)
		BIOLOGICAL INTEGRITY
Pigeon River	INJ01B7_01	ESCHERICHIA COLI (E. COLI)
		BIOLOGICAL INTEGRITY
Portage-Burns Waterway	INC0159_03	ESCHERICHIA COLI (E. COLI)
		BIOLOGICAL INTEGRITY
		PCBS IN FISH TISSUE
Reynolds Creek	INC0141_T1003	BIOLOGICAL INTEGRITY
Saint Joseph River	INJ01D5_01	BIOLOGICAL INTEGRITY
		PCBS IN FISH TISSUE
	INJ01M7_03	ESCHERICHIA COLI (E. COLI)
		PCBS IN FISH TISSUE
Salt Creek	INC0133_T1031	ESCHERICHIA COLI (E. COLI)
		BIOLOGICAL INTEGRITY
Sand Creek	INC0143_T1016	NUTRIENTS
		ESCHERICHIA COLI (E. COLI)



Waterway Name	Unit ID	Impairment(s)
		BIOLOGICAL INTEGRITY
		DISSOLVED OXYGEN
		CHLORIDE
Wolf Lake	INC01P1019_00	PHOSPHORUS, TOTAL

### 1.4.2 Total Maximum Daily Load (TMDL)

Table 4 below lists the waterways within the ITR MS4 area that have an approved TMDL and associated impairments. Note that the ITR MS4 area may cross watersheds in multiple locations. ITR is currently not subject to any TMDLs for impairments.

Table 4 Approved TMDLs

Waterway Name	Impairment(s)
Deep River-Portage Burns	ESCHERICHIA COLI (E. COLI)
	BIOLOGICAL INTEGRITY
Trail Creek	ESCHERICHIA COLI (E. COLI)
Salt Creek	ESCHERICHIA COLI (E. COLI)
Galena River	ESCHERICHIA COLI (E. COLI)
Little Calumet River	ESCHERICHIA COLI (E. COLI)
Kankakee/Iroquois River	ESCHERICHIA COLI (E. COLI)
Lower Saint Joseph (Lake Erie Basin)	ESCHERICHIA COLI (E. COLI)
	PHOSPHORUS
	TOTAL SUSPENDED SOLIDS
Saint Joseph River	ESCHERICHIA COLI (E. COLI)
Pigeon River	ESCHERICHIA COLI (E. COLI)
	NUTRIENTS



## 1.5 Sensitive Areas

Due to the narrow right-of-way and limited land use within the ITR MS4 boundaries, there are no sensitive areas such as public swimming areas and drinking water intakes.

### 1.5.1 Species Habitat

There are numerous possible threatened or endangered species within the ITR right-of-way. A list of threatened and endangered species for each of the seven counties from the Indiana Department of Natural Resources can be found in the Appendix. The limited ITR right-of-way area is not expected to be a significant species habitat.

### 1.5.2 Outstanding State and National Resource Waters

There are four National Resource Commission Outstanding State Waters that cross the ITR MS4 in seven locations as seen in Table 5 below.

Table 5. National Resource Commission Outstanding State Waters

Waterway Name	Longitude	Latitude
St. Joseph River	-85.810875	41.73507
	-86.267086	41.722409
Fish Creek	-84.819571	41.631527
Pigeon River	-85.580583	41.753397
	-85.23061	41.755044
Fawn River	-85.400277	41.752849
	-85.45731	41.753041

There are no Outstanding National Resource Waters in the ITR MS4 area.

## 1.6 Monitoring Data

At this time, there is no known additional monitoring data available.

## 1.7 Stormwater Quality Contributors

In identifying potential storm water quality problem areas, one of the main focuses of the review, as it relates to water quality data, was the Indiana 303(d) listed impairments for each receiving water. By understanding the link between the listed impairments and common sources of pollutants, ITR can make valuable conclusions about the potential



impacts of their operations on water quality. This information allows ITR to better understand the impact of their typical operations and develop best management practices to reduce or eliminate these potential impacts.

The following impairments were listed on the Indiana 303(d) list for the identified receiving waters: biological integrity, PCBs in fish tissue, *E. coli*, un-ionized ammonia, nutrients, cyanide (as free cyanide), oil and grease, dissolved oxygen, chloride, and total phosphorus. Of the sources commonly attributed to these impairments, several could potentially be linked to activity within the ITR MS4 area. Most notable is road salt application, leaks/spills of petroleum-based products or other hazardous waste and sediment loss. Waterbodies (and accompanying watersheds) within the MS4 area appearing on the IDEM 303(d) list are being considered priority waterbodies, with additional consideration being given to those waterbodies also having an approved Total Maximum Daily Load (TMDL).

## **1.8 Data Evaluation**

There are 17 waterways on the current 303(d) list of impaired waterways with a total of ten different impairments including biological integrity, PCBs in fish tissue, *E. coli*, un-ionized ammonia, nutrients, cyanide (as free cyanide), oil and grease, dissolved oxygen, chloride, and total phosphorus. The majority of the TMDLs, nine, are for an *E. coli* impairment. Traditionally, transportation land use is not known as a significant contributor to this impairment. The other four impairments (biological integrity, total suspended solids, phosphorus and nutrients) may have some contribution from transportation use.

ITR will continue to review and update as needed the water quality characterization throughout the permit term. As new data become available through the IDEM Office of Water Quality or through other data sources, ITR will make necessary adjustment to the water quality characterization and MS4 program components with annual updates.



## **Appendix A Endangered, Threatened and Rare Species List per County**



ITR Concession Company, LLC - Water Quality Characterization Report 2025  
 Appendix A Endangered, Threatened and Rare Species List per County

Page 1 of 4  
 03/25/2024

**Indiana County Endangered, Threatened and Rare Species List**  
**County: Elkhart**



Species Name	Common Name	FED	STATE	GRANK	SRANK
<b>Insect: Plecoptera (Stoneflies)</b>					
Acroneuria lycorias	Boreal Stonefly		SE	G5	S1
Perlesta golconda	Two-lined Stone		SE	G2G3	S1
Pteronarcys dorsata	American Salmonfly		SE	G5	S1
<b>Mollusk: Gastropoda</b>					
Campelema decisum	pointed campeloma		SSC	G5	S2
<b>Insect: Coleoptera (Beetles)</b>					
Nicrophorus americanus	American Burying Beetle	E	SX	G3	SX
<b>Insect: Hymenoptera</b>					
Formica ulkei	Ulke's mound ant			G5	S1
<b>Insect: Lepidoptera (Butterflies &amp; Moths)</b>					
Apamea lignicolora	wood-colored Apamea		SR	G5	S2S3
Apamea nigrior	black-dashed apamea		ST	G5	S2
Capis curvata	curved halter moth		ST	G5	S3S4
Catocala gracilis	graceful underwing		SR	G5	S2S3
Catocala praeclara	Praeclara underwing		SR	G5	S3S4
Crambus girardellus	orange-striped sedge moth		SR	GNR	S2S3
Dasychira cinnamomea	cinnamon tussock moth		SE	G4	S1S2
Exyra fax	pitcher window moth		SE	G4	S1S2
Grammia virguncula	little virgin tiger moth		SR	G5	S1S2
Iododepla u-album	white-eyed sedge-borer		SR	G5	S2S3
Leucania amygdalina	salt marsh wainscot		SR	GNR	S2
Leucania multilinea	many-lined wainscot		SE	G5	S1
Meropleon diversicolor	multicolored brocade		ST	G5	S2
Papaipema appassianata	pitcher plant borer moth		SE	G3G4	S1
Papaipema speciosissima	royal fern borer moth		ST	G3G4	S3S4
<b>Insect: Odonata (Dragonflies &amp; Damselflies)</b>					
Sympetrum semicinctum	Band-winged Meadowhawk		SR	G5	S2S3
<b>Insect: Tricoptera (Caddisflies)</b>					
Setodes oligius	A Caddisfly		SE	G5	S1
<b>Fish</b>					
Coregonus artedi	cisco		SE	G5	S2
Ichthyomyzon fossor	Northern Brook Lamprey		SSC	G4	S1
Moxostoma valenciennesi	Greater Redhorse		SE	G4	S2
Rhinichthys cataractae	Longnose Dace		SSC	G5	S2
<b>Amphibian</b>					
Necturus maculosus	common mudpuppy		SSC	G5	S3
<b>Reptile</b>					
Clemmys guttata	spotted turtle	C	SE	G5	S2

Indiana Natural Heritage Data Center  
 Division of Nature Preserves  
 Indiana Department of Natural Resources  
 This data is not the result of comprehensive county surveys.

Fed: E = Endangered; T = Threatened; C = candidate; PDL = proposed for delisting  
 State: SE = state endangered; ST = state threatened; SR = state rare; SSC = state species of special concern; SX = state extirpated; SG = state significant  
 GRANK: Global Heritage Rank: G1 = critically imperiled globally; G2 = imperiled globally; G3 = rare or uncommon globally; G4 = widespread and abundant globally but with long-term concerns; G5 = widespread and abundant globally; G? = unranked; GX = extinct; Q = uncertain rank; T = taxonomic subunit rank  
 SRANK: State Heritage Rank: S1 = critically imperiled in state; S2 = imperiled in state; S3 = rare or uncommon in state; S4 = widespread and abundant in state but with long-term concern; SG = state significant; SH = historical in state; SX = state extirpated; B = breeding status; SU = unranked; SNR = unranked; SNA = nonbreeding status unranked



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Page 2 of 4  
 03/25/2024

**Indiana County Endangered, Threatened and Rare Species List**  
**County: Elkhart**



Species Name	Common Name	FED	STATE	GRANK	SRANK
<i>Clonophis kirtlandii</i>	Kirtland's snake		SE	G2	S3
<i>Emydoidea blandingii</i>	Blanding's turtle	C	SE	G4	S2
<i>Sistrurus catenatus</i>	eastern massasauga	T	SE	G3	S2
<i>Terrapene carolina carolina</i>	woodland box turtle		SSC	G5T5	S3
<b>Bird</b>					
<i>Antigone canadensis</i>	sandhill crane		SSC	G5	S2B,S1N
<i>Bartramia longicauda</i>	Upland Sandpiper		SE	G5	S3B
<i>Botaurus lentiginosus</i>	American Bittern		SE	G5	S2B
<i>Centronyx henslowii</i>	Henslow's sparrow		SE	G4	S3B
<i>Certhia americana</i>	Brown Creeper			G5	S2B
<i>Chordeiles minor</i>	Common Nighthawk		SSC	G5	S4B
<i>Circus hudsonius</i>	Northern Harrier		SE	G5	S2
<i>Cistothorus palustris</i>	marsh wren		SE	G5	S3B
<i>Cistothorus platensis</i>	sedge wren		SE	G5	S3B
<i>Empidonax alnorum</i>	Alder Flycatcher			G5	S2B
<i>Haliaeetus leucocephalus</i>	bald eagle			G5	S3
<i>Ixobrychus exilis</i>	Least Bittern		SE	G3G4	S3B
<i>Lanius ludovicianus</i>	loggerhead shrike		SE	G4	S2B
<i>Pandion haliaetus</i>	Osprey		SSC	G5	S1B
<i>Rallus elegans</i>	King Rail		SE	G4	S1B
<i>Rallus limicola</i>	Virginia Rail		SE	G5	S3B
<i>Vermivora chrysoptera</i>	Golden-winged Warbler	C	SE	G4	S1B
<b>Mammal</b>					
<i>Condylura cristata</i>	star-nosed mole		SSC	G5	S2?
<i>Mustela nivalis</i>	least weasel		SSC	G5	S2?
<i>Taxidea taxus</i>	badger		SSC	G5	S2
<b>Vascular Plant</b>					
<i>Actaea rubra ssp. rubra</i>	red baneberry		SE	G5T5	S1?
<i>Amelanchier humilis</i>	running serviceberry		SE	G5	S1
<i>Andromeda glaucophylla</i>	bog rosemary		ST	G5T5	S2
<i>Azolla caroliniana</i>	Carolina mosquito-fern		ST	G5	S3
<i>Besseyia bullii</i>	kitten tails		SE	G3	S1
<i>Boechera stricta</i>	Drummond's rockcress		SE	GNR	S1
<i>Borodinia missouriensis</i>	green rockcress		SE	G5	S1
<i>Calla palustris</i>	wild calla		SE	G5	S1
<i>Carex straminea</i>	straw sedge		ST	G5	S2
<i>Chimaphila umbellata ssp. cisatlantica</i>	pipsissewa		SE	G5T5	S1
<i>Cypripedium acaule</i>	pink lady's-slipper		SE	G5	S1
<i>Dendrolycopodium hickeyi</i>	Hickey's clubmoss		ST	G5	S3
<i>Eleocharis equisetoides</i>	horsetail spikerush		SE	G4	S1

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ITR Concession Company, LLC - Water Quality Characterization Report 2025  
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Page 3 of 4  
 03/25/2024

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**County: Elkhart**



Species Name	Common Name	FED	STATE	GRANK	SRANK
<i>Eleocharis robbinsii</i>	Robbins' spike-rush		ST	G4G5	S2
<i>Epigaea repens</i>	trailing arbutus		ST	G5	S3
<i>Eriocaulon aquaticum</i>	pipewort		SE	G5	S1
<i>Eriophorum gracile</i> var. <i>gracile</i>	slender cotton-grass		ST	G5T5	S2
<i>Eriophorum viridicarinatum</i>	green-keeled cotton-grass		ST	G5	S3
<i>Fuirena pumila</i>	dwarf umbrella-sedge		ST	G4	S2
<i>Geranium robertianum</i>	herb-Robert		ST	G5	S3
<i>Ilex mucronata</i>	mountain holly		ST	G5	S3
<i>Juniperus communis</i> var. <i>depressa</i>	ground juniper		ST	G5T5	S3
<i>Lemna minuta</i>	least duckweed		SE	G4	S1
<i>Malaxis unifolia</i>	green adder's-mouth		SE	G5	S1
<i>Matteuccia struthiopteris</i>	ostrich fern		ST	G5	S3
<i>Milium effusum</i>	tall millet-grass		ST	G5	S1
<i>Minuartia michauxii</i> var. <i>michauxii</i>	Michaux's stitchwort		ST	G5T5	S2
<i>Panicum tuckermanii</i>	Tuckerman's panic-grass		ST	G3G5	SU
<i>Pinus strobus</i>	eastern white pine		ST	G5	S3
<i>Piptochaetium avenaceum</i>	blackseed needlegrass		ST	G5	S3
<i>Platanthera aquilonis</i>	leafy northern green orchid		ST	G5	S2
<i>Platanthera leucophaea</i>	eastern prairie white-fringed orchid	T	SE	G2G3	S1
<i>Platanthera psycodes</i>	small purple-fringe orchid		ST	G5	S3
<i>Poa paludigena</i>	bog bluegrass		ST	G3G4	S3
<i>Potamogeton pulcher</i>	spotted pondweed		ST	G5	S2
<i>Pseudognaphalium macounii</i>	winged cudweed		SX	G5	SX
<i>Pyrola americana</i>	American wintergreen		ST	G5	S2
<i>Quercus prinoides</i>	dwarf chinquapin oak		SE	G5	S1
<i>Rhynchospora macrostachya</i>	tall beaked-rush		ST	G4	S3
<i>Rhynchospora scirpoides</i>	long-beaked bulrush		ST	G4	S3
<i>Schoenoplectiella purshiana</i>	weakstalk bulrush		ST	G4G5	S3
<i>Schoenoplectiella smithii</i>	Smith's Bulrush		ST	G5?	S2
<i>Selaginella rupestris</i>	ledge spike-moss		SE	G5	S1
<i>Spiranthes lucida</i>	shining ladies'-tresses		ST	G4	S3
<i>Symphotrichum boreale</i>	rushlike aster		ST	G5	S2
<i>Utricularia cornuta</i>	horned bladderwort		SE	G5	S1
<i>Utricularia minor</i>	lesser bladderwort		ST	G5	S1
<i>Utricularia purpurea</i>	purple bladderwort		ST	G5	S3
<i>Vaccinium oxycoccos</i>	small cranberry		ST	G5	S2
<i>Xyris difformis</i>	Carolina yellow-eyed grass		ST	G5	S2
<b>High Quality Natural Community</b> Forest - floodplain mesic	Mesic Floodplain Forest		SG	G3?	S1

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ITR Concession Company, LLC - Water Quality Characterization Report 2025  
 Appendix A Endangered, Threatened and Rare Species List per County

Page 4 of 4  
 03/25/2024

**Indiana County Endangered, Threatened and Rare Species List**  
**County: Elkhart**



Species Name	Common Name	FED	STATE	GRANK	SRANK
Forest - floodplain wet-mesic	Wet-mesic Floodplain Forest		SG	G3?	S3
Forest - upland mesic Northern Lakes	Northern Lakes Mesic Upland Forest		SG	GNR	S1
Lake - lake	Lake		SG	GNR	S2
Prairie - sand dry-mesic	Dry-mesic Sand Prairie		SG	G3	S3
Wetland - beach marl	Marl Beach		SG	G3	S2
Wetland - bog acid	Acid Bog		SG	G3	S2
Wetland - bog circumneutral	Circumneutral Bog		SG	G3	S3
Wetland - fen	Fen		SG	G3	S3
Wetland - flat muck	Muck Flat		SG	G2	S2
Wetland - flat sand	Sand Flat		SG	G2	S1
Wetland - marsh	Marsh		SG	GU	S4
Wetland - swamp shrub	Shrub Swamp		SG	GU	S2
<b>Other Significant Feature</b>					
Migratory Bird Concentration Area			SG	G3	SNR
Shorebird Migratory Concentration Area			SG	GNR	SNR

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ITR Concession Company, LLC - Water Quality Characterization Report 2025  
 Appendix A Endangered, Threatened and Rare Species List per County

Page 1 of 6  
 03/25/2024

**Indiana County Endangered, Threatened and Rare Species List**  
**County: Lagrange**



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<b>Insect: Plecoptera (Stoneflies)</b>					
Isoperla frisoni	Wisconsin Stripetail		SE	G5	S1
<b>Mollusk: Bivalvia (Mussels)</b>					
Alasmodonta viridis	slippershell mussel		SSC	G4G5	S3
Epioblasma triquetra	snuffbox	E	SE	G2G3	S1
Villosa fabalis	rayed bean	E	SE	G2	S1
<b>Insect: Homoptera</b>					
Dorydiella kansana	Kansas Spikerush Leafhopper		SR	GNR	S2S3
Prairiana kansana	The Kansas Prairie Leafhopper		SE	GNR	S1
<b>Insect: Lepidoptera (Butterflies &amp; Moths)</b>					
Apamea verbascoides	boreal apamea		ST	G5	S1S2
Bellura densa	pickereelweed borer moth		ST	G5	S1S2
Boloria myrina myrina	Myrina Fritillary		SR	G5?T5	S2S3
Calephelis muticum	swamp metalmark		ST	G3	S1S2
Capis curvata	curved halter moth		ST	G5	S3S4
Catocala praeclara	Praeclara underwing		SR	G5	S3S4
Chrysanympha formosa	huckleberry looper		ST	G5	S1S2
Crambus bidens	forked grass-veneer moth		SR	GNR	S2S3
Crambus girardellus	orange-striped sedge moth		SR	GNR	S2S3
Cryptocala acadensis	Catocaline dart		ST	G5	S1
Dasychira cinnamomea	cinnamon tussock moth		SE	G4	S1S2
Dichagyris grotei	Grote's black-tipped Quaker		ST	G4	S1S2
Euphyes bimacula	Two-spotted Skipper		ST	G4	S1S2
Exyra fax	pitcher window moth		SE	G4	S1S2
Glaucopsyche lygdamus couperi	silvery blue		SE	G5T5	S1
Grammia figurata	figured grammia		SR	G5	S3
Hadena capsularis	starry campion capsule moth		SR	G5	S2
Hemileuca nevadensis ssp. 3	midwestern fen buckmoth		SR	G5T3T4	S2S3
Hypocoena inquinata	tufted sedge moth		ST	G5	S1S2
Iodopepla u-album	white-eyed sedge-borer		SR	G5	S2S3
Lacinipolia olivacea	olive arches		SE	G5	S1
Leucania inermis	unarmed wainscot		ST	G5	S2
Leucania multilinea	many-lined wainscot		SE	G5	S1
Lycaeides melissa samuelis	Karner Blue	E	SX	G1G2	SX
Lycaena dorcas dorcas	Dorcas Copper		SE	G5T5	S1
Lycaena helloides	Purplish Copper		SR	G5	S2S3
Macrochilo bivittata	two-striped cord grass moth		SE	G3G4	S1
Melanchra assimilis	black arches		SE	G5	S1S2
Meropleon ambifusca	Newman's brocade		ST	G4G5	S2
Meropleon diversicolor	multicolored brocade		ST	G5	S2

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ITR Concession Company, LLC - Water Quality Characterization Report 2025  
 Appendix A Endangered, Threatened and Rare Species List per County

Page 2 of 6  
 03/25/2024

**Indiana County Endangered, Threatened and Rare Species List**  
**County: Lagrange**



Species Name	Common Name	FED	STATE	GRANK	SRANK
Neonympha mitchellii mitchellii	Mitchell's Satyr	E	SE	G2T2	S1
Nola cilicoides	blurry-patched nola moth		SR	G5	S3
Oligia bridghami	Bridgham's brocade		SE	G5	S1
Papaipema silphii	Silphium Borer Moth		ST	G3G4	S2
Peoria gemmatella	gemmed cordgrass borer		ST	GNR	S2S3
Photedes includens	included photedes		ST	G4	S1
Pieris oleracea	Eastern Veined White		SE	G5	S1S2
Poanes viator viator	Big Broad-winged Skipper		ST	G5T4	S2
Resapamea stipata	four-lined cordgrass borer		SE	G4	S1S2
Speyeria idalia	Regal Fritillary	C	SE	G3?	S1S2
<b>Insect: Odonata (Dragonflies &amp; Damselflies)</b>					
Aeshna tuberculifera	Black-tipped Darner		ST	G5	S2
Arigomphus furcifer	Lilypad Clubtail		SE	G5	S1
Cordulegaster obliqua	arrowhead spiketail		SR	G4	S2S3
Dorocordulia libera	Racket-tailed Emerald		SE	G5	S2
Gomphurus fraternus	Midland Clubtail			G5	S2
Gomphus quadricolor	Rapids Clubtail		ST	G3G4	S2
Gomphus ventricosus	Skillet Clubtail		ST	G3	S1S2
Gomphus viridifrons	Green-faced Clubtail		ST	G3G4	S1S2
Hagenius brevistylus	dragonhunter		SR	G5	S2S3
Ladona julia	Chalk-fronted Skimmer		SR	G5	S2S3
Nannothemis bella	Elfin Skimmer		SE	G4G5	S1S2
Nehalennia gracilis	Sphagnum Sprite		SE	G5	S1
Ophiogomphus rupinsulensis	Rusty Snaketail		SR	G5	S2S3
Rhionaeschna mutata	Spatterdock Darner		ST	G4	S2S3
Stylurus amnicola	Riverine Clubtail		ST	G4	S1S2
Stylurus scudderi	Zebra Clubtail		SE	G5	S1
Sympetrum semicinctorum	Band-winged Meadowhawk		SR	G5	S2S3
<b>Insect: Tricoptera (Caddisflies)</b>					
Nectopsyche pavidia	A Longhorned Casemaker Caddisfly		SR	G5	S2
<b>Fish</b>					
Coregonus artedi	cisco		SE	G5	S2
Moxostoma valenciennesi	Greater Redhorse		SE	G4	S2
<b>Amphibian</b>					
Ambystoma laterale	blue-spotted salamander		SSC	G5	S2
Hemidactylium scutatum	four-toed salamander		SSC	G5	S3
Necturus maculosus	common mudpuppy		SSC	G5	S3
<b>Reptile</b>					
Clemmys guttata	spotted turtle	C	SE	G5	S2

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ITR Concession Company, LLC - Water Quality Characterization Report 2025  
 Appendix A Endangered, Threatened and Rare Species List per County

Page 3 of 6  
 03/25/2024

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<i>Clonophis kirtlandii</i>	Kirtland's snake		SE	G2	S3
<i>Emydoidea blandingii</i>	Blanding's turtle	C	SE	G4	S2
<i>Nerodia erythrogaster neglecta</i>	copperbelly water snake	PS:LT	SE	G5T3	S2
<i>Sistrurus catenatus</i>	eastern massasauga	T	SE	G3	S2
<i>Terrapene carolina carolina</i>	woodland box turtle		SSC	G5T5	S3
<b>Bird</b>					
<i>Accipiter striatus</i>	Sharp-shinned Hawk		SSC	G5	S2B
<i>Antigone canadensis</i>	sandhill crane		SSC	G5	S2B,S1N
<i>Asio otus</i>	long-eared owl		SSC	G5	S2
<i>Bartramia longicauda</i>	Upland Sandpiper		SE	G5	S3B
<i>Buteo platypterus</i>	Broad-winged Hawk		SSC	G5	S3B
<i>Centronyx henslowii</i>	Henslow's sparrow		SE	G4	S3B
<i>Chlidonias niger</i>	Black Tern		SE	G4G5	S1B
<i>Chordeiles minor</i>	Common Nighthawk		SSC	G5	S4B
<i>Circus hudsonius</i>	Northern Harrier		SE	G5	S2
<i>Cistothorus palustris</i>	marsh wren		SE	G5	S3B
<i>Cistothorus platensis</i>	sedge wren		SE	G5	S3B
<i>Cygnus buccinator</i>	Trumpeter Swan		SE	G4	S1B
<i>Dendroica virens</i>	Black-throated Green Warbler			G5	S2B
<i>Empidonax alnorum</i>	Alder Flycatcher			G5	S2B
<i>Gallinago delicata</i>	Wilson's Snipe			G5	S1S2B
<i>Gallinula galeata</i>	Common gallinule		SE	G5	S3B
<i>Haliaeetus leucocephalus</i>	bald eagle			G5	S3
<i>Ixobrychus exilis</i>	Least Bittern		SE	G3G4	S3B
<i>Lanius ludovicianus</i>	loggerhead shrike		SE	G4	S2B
<i>Laterallus jamaicensis</i>	Black Rail	T	SE	G3	SHB
<i>Nycticorax nycticorax</i>	Black-crowned Night-heron		SE	G5	S1B
<i>Pandion haliaetus</i>	Osprey		SSC	G5	S1B
<i>Rallus limicola</i>	Virginia Rail		SE	G5	S3B
<i>Setophaga cerulea</i>	Cerulean Warbler		SE	G4	S3B
<i>Setophaga citrina</i>	Hooded Warbler		SSC	G5	S3B
<i>Sturnella neglecta</i>	Western Meadowlark		SSC	G5	S2B
<i>Tyto alba</i>	Barn Owl		SE	G5	S2
<i>Vermivora chrysoptera</i>	Golden-winged Warbler	C	SE	G4	S1B
<i>Wilsonia canadensis</i>	Canada Warbler			G5	S2B
<b>Mammal</b>					
<i>Condylura cristata</i>	star-nosed mole		SSC	G5	S2?
<i>Mustela nivalis</i>	least weasel		SSC	G5	S2?
<i>Myotis sodalis</i>	Indiana myotis	E	SE	G2	S1
<i>Taxidea taxus</i>	badger		SSC	G5	S2

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Page 4 of 6  
 03/25/2024

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<b>Vascular Plant</b>					
<i>Actaea rubra</i> ssp. <i>rubra</i>	red baneberry		SE	G5T5	S1?
<i>Agalinis gattingeri</i>	roundstem foxglove		ST	G4	S3
<i>Amelanchier humilis</i>	running serviceberry		SE	G5	S1
<i>Andromeda glaucophylla</i>	bog rosemary		ST	G5T5	S2
<i>Anticlea elegans</i> var. <i>glaucus</i>	white camas		ST	G5T4T5	S3
<i>Besseyia bullii</i>	kitten tails		SE	G3	S1
<i>Bidens beckii</i>	Beck's water-marigold		SE	G5	S1
<i>Borodinia missouriensis</i>	green rockcross		SE	G5	S1
<i>Botrychium matricariifolium</i>	chamomile grape-fern		ST	G5	S3
<i>Calla palustris</i>	wild calla		SE	G5	S1
<i>Cardamine dentata</i>	cuckoo flower		ST	G5	S3
<i>Carex alopecoidea</i>	foxtail sedge		SE	G5	S1
<i>Carex atlantica</i> ssp. <i>atlantica</i>	Atlantic sedge		SE	G5T5	S2
<i>Carex brunnescens</i>	brownish sedge		ST	G5	S2
<i>Carex disperma</i>	softleaf sedge		SE	G5	S1
<i>Carex flava</i>	yellow sedge		ST	G5	S2
<i>Carex leptoneura</i>	finely-nerved sedge		SE	G5	S1
<i>Carex limosa</i>	mud sedge		SE	G5	S1
<i>Carex retrorsa</i>	retorse sedge		SE	G5	S1
<i>Chimaphila umbellata</i> ssp. <i>cisatlantica</i>	pipsissewa		SE	G5T5	S1
<i>Circaea alpina</i>	small enchanter's nightshade		SX	G5	SX
<i>Cirsium hillii</i>	Hill's thistle		SE	G3	S1
<i>Clinopodium arkansanum</i>	calamint		ST	G5	S2
<i>Conioselinum chinense</i>	hemlock parsley		SE	G5	S1
<i>Cornus rugosa</i>	roundleaf dogwood		ST	G5	S3
<i>Cypripedium acaule</i>	pink lady's-slipper		SE	G5	S1
<i>Cypripedium candidum</i>	small white lady's-slipper		ST	G4	S3
<i>Cypripedium parviflorum</i> var. <i>makasin</i>	small yellow lady's-slipper		ST	G5T4T5	S3
<i>Cypripedium reginae</i>	showy lady's-slipper		ST	G4G5	S3
<i>Dendrolycopodium hickeyi</i>	Hickey's clubmoss		ST	G5	S3
<i>Deschampsia cespitosa</i>	tufted hairgrass		ST	G5	S3
<i>Dichanthelium boreale</i>	northern witchgrass		ST	G5	S3
<i>Dichanthelium leibergii</i>	Leiberg's witchgrass		ST	G4	S2
<i>Dichanthelium subvillosum</i>	panic-grass		SE	GNRQ	S1
<i>Diphasiastrum tristachyum</i>	deep-root clubmoss		ST	G5	S2
<i>Drosera intermedia</i>	spoon-leaved sundew		ST	G5	S3
<i>Eleocharis equisetoides</i>	horsetail spikerush		SE	G4	S1
<i>Eleocharis robbinsii</i>	Robbins' spike-rush		ST	G4G5	S2
<i>Epigaea repens</i>	trailing arbutus		ST	G5	S3

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 Appendix A Endangered, Threatened and Rare Species List per County

Page 5 of 6  
 03/25/2024

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<i>Equisetum variegatum</i> var. <i>variegatum</i>	variegated horsetail		SE	G5T5	S1
<i>Eriophorum angustifolium</i> ssp. <i>angustifolium</i>	narrow-leaved cotton-grass		ST	G5T5	S3
<i>Eriophorum gracile</i> var. <i>gracile</i>	slender cotton-grass		ST	G5T5	S2
<i>Eriophorum viridicarinatum</i>	green-keeled cotton-grass		ST	G5	S3
<i>Galium labradoricum</i>	bog bedstraw		ST	G5	S2
<i>Geum rivale</i>	purple avens		SE	G5	S1
<i>Glyceria grandis</i>	American manna-grass		SE	G5	S1
<i>Hydrocotyle americana</i>	American water-pennywort		SE	G5	S1
<i>Juglans cinerea</i>	butternut		ST	G3	S2
<i>Larix laricina</i>	tamarack		ST	G5	S2
<i>Lathyrus ochroleucus</i>	pale vetchling peavine		SE	G5	S1
<i>Lathyrus venosus</i>	smooth veiny pea		SE	G5	S1
<i>Linum sulcatum</i>	grooved yellow flax		ST	G5	S3
<i>Lycopodiella inundata</i>	northern bog clubmoss		SE	G5	S1
<i>Matteuccia struthiopteris</i>	ostrich fern		ST	G5	S3
<i>Melampyrum lineare</i>	American cow-wheat		SE	G5	S1
<i>Milium effusum</i>	tall millet-grass		ST	G5	S1
<i>Minuartia michauxii</i> var. <i>michauxii</i>	Michaux's stitchwort		ST	G5T5	S2
<i>Myriophyllum verticillatum</i>	whorled water-milfoil		ST	G5	S3
<i>Patis racemosa</i>	black-fruit mountain-ricegrass		ST	G5	S3
<i>Piptochaetium avenaceum</i>	blackseed needlegrass		ST	G5	S3
<i>Platanthera aquilonis</i>	leafy northern green orchid		ST	G5	S2
<i>Platanthera ciliaris</i>	yellow-fringe orchid		SE	G5	S1
<i>Platanthera leucophaea</i>	eastern prairie white-fringed orchid	T	SE	G2G3	S1
<i>Platanthera psycodes</i>	small purple-fringe orchid		ST	G5	S3
<i>Poa paludigena</i>	bog bluegrass		ST	G3G4	S3
<i>Potamogeton friesii</i>	Fries' pondweed		SE	G5	S1
<i>Potamogeton praelongus</i>	white-stem pondweed		ST	G5	S1
<i>Potamogeton richardsonii</i>	redheadgrass		ST	G5	S3
<i>Potamogeton robbinsii</i>	flatleaf pondweed		ST	G5	S3
<i>Pseudognaphalium macounii</i>	winged cudweed		SX	G5	SX
<i>Pyrola americana</i>	American wintergreen		ST	G5	S2
<i>Rorippa aquatica</i>	lake cress		SE	G4?	S1
<i>Salix serissima</i>	autumn willow		ST	G5	S2
<i>Scheuchzeria palustris</i> ssp. <i>americana</i>	American scheuchzeria		SE	G5T5	S1
<i>Schizachne purpurascens</i>	purple oat		SE	G5	S1
<i>Schoenoplectiella purshiana</i>	weakstalk bulrush		ST	G4G5	S3
<i>Schoenoplectus subterminalis</i>	water bulrush		ST	G5	S3
<i>Selaginella rupestris</i>	ledge spike-moss		SE	G5	S1

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ITR Concession Company, LLC - Water Quality Characterization Report 2025  
 Appendix A Endangered, Threatened and Rare Species List per County

Page 6 of 6  
 03/25/2024

**Indiana County Endangered, Threatened and Rare Species List**  
**County: Lagrange**



Species Name	Common Name	FED	STATE	GRANK	SRANK
<i>Spiranthes arcisepala</i>	Appalachian ladies'-tresses		SE	GNR	S2
<i>Spiranthes lucida</i>	shining ladies'-tresses		ST	G4	S3
<i>Spiranthes romanzoffiana</i>	hooded ladies'-tresses		SE	G5	S1
<i>Symphotrichum boreale</i>	rushlike aster		ST	G5	S2
<i>Triglochin palustris</i>	marsh arrow-grass		ST	G5	S2
<i>Utricularia cornuta</i>	horned bladderwort		SE	G5	S1
<i>Utricularia minor</i>	lesser bladderwort		ST	G5	S1
<i>Utricularia resupinata</i>	northeastern bladderwort		SE	G4	S1
<i>Vaccinium macrocarpon</i>	large cranberry		ST	G5	S3
<i>Vaccinium oxycoccos</i>	small cranberry		ST	G5	S2
<i>Valeriana uliginosa</i>	marsh valerian		SE	G4	S1
<i>Viburnum cassinoides</i>	northern wild-raisin		SE	G5T5	S1
<i>Viburnum opulus</i> var. <i>americanum</i>	highbush-cranberry		SE	G5T5	S1
<i>Xyris difformis</i>	Carolina yellow-eyed grass		ST	G5	S2
<b>High Quality Natural Community</b>					
Forest - flatwoods sand	Sand Flatwoods		SG	G2?	S1
Forest - floodplain wet	Wet Floodplain Forest		SG	G3?	S3
Forest - floodplain wet-mesic	Wet-mesic Floodplain Forest		SG	G3?	S3
Forest - upland dry Northern Lakes	Northern Lakes Dry Upland Forest		SG	GNR	S1
Forest - upland mesic Northern Lakes	Northern Lakes Mesic Upland Forest		SG	GNR	S1
Lake - lake	Lake		SG	GNR	S2
Lake - pond	Pond		SG	GNR	SU
Wetland - beach marl	Marl Beach		SG	G3	S2
Wetland - bog acid	Acid Bog		SG	G3	S2
Wetland - bog circumneutral	Circumneutral Bog		SG	G3	S3
Wetland - fen	Fen		SG	G3	S3
Wetland - fen forested	Forested Fen		SG	G3	S1
Wetland - marsh	Marsh		SG	GU	S4
Wetland - meadow sedge	Sedge Meadow		SG	G3?	S1
Wetland - swamp forest	Forested Swamp		SG	G2?	S2
Wetland - swamp shrub	Shrub Swamp		SG	GU	S2
<b>Other Significant Feature</b>					
Migratory Bird Concentration Area			SG	G3	SNR
Shorebird Migratory Concentration Area			SG	GNR	SNR

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ITR Concession Company, LLC - Water Quality Characterization Report 2025  
 Appendix A Endangered, Threatened and Rare Species List per County

Page 1 of 12  
 03/25/2024

**Indiana County Endangered, Threatened and Rare Species List**  
**County: Lake**



Species Name	Common Name	FED	STATE	GRANK	SRANK
<b>Mollusk: Bivalvia (Mussels)</b>					
Plethobasus cyphus	sheepnose	E	SE	G2G3	S1
<b>Insect: Coleoptera (Beetles)</b>					
Nicrophorus americanus	American Burying Beetle	E	SX	G3	SX
<b>Insect: Homoptera</b>					
Bruchomorpha dorsata	dorsal-striped elephant hopper		SR	GNR	S2
Bruchomorpha extensa	The Long-nosed Elephant Hopper		SR	GNR	S2S3
Bruchomorpha oculata	eyed elephant hopper		SR	GNR	SNR
Chlorotettix borealis	northern chlorotettix leafhopper		SR	GNR	S2
Chlorotettix fallax	Deceptive Chlorotettix Leafhopper		SR	GNR	S1S2
Cicadula straminea	Straw-colored Sedge Leafhopper		ST	GNR	S1S2
Cosmotettix bilineatus	Two-lined cosmotettix		SR	GNR	S1S2
Cribrus shingwauki	Two-striped Perforated Leafhopper		SR	GNR	S2S3
Dorydiella kansana	Kansas Spikerush Leafhopper		SR	GNR	S2S3
Flexamia delongi	DeLong's Flexamia Leafhopper		SR	GNR	S2
Flexamia pyrops	The Long-nose Three-awn Leafhopper		ST	GNR	S1
Flexamia reflexus	Indiangrass Flexamia		SR	GNR	S1S2
Graminella aureovittata	Red-banded Switchgrass Leafhopper		SR	GNR	S2
Graminella mohri	Mohr's Switchgrass Leafhopper		SE	GNR	S1
Hecalus major	Major Shovelhead Leafhopper		SR	GNR	S1S3
Laevicephalus acus	Pointed Fen Laevicephalus		SR	GNR	S1S2
Limotettix bisoni	Bison Limotettix Leafhopper		SR	GNR	S1S2
Limotettix divaricatus	forked limotettix leafhopper		ST	GNR	S1
Limotettix truncatus	Short-headed Limotettix Leafhopper		SR	GNR	S1S2
Paraphilaenus parallelus	parallel-striped spittlebug		ST	GNR	S1
Paraphlepsius lobatus	Lobed Paraphlepsius Leafhopper		SR	GNR	S2
Paraphlepsius lupalus	Hamilton's Dune Paraphlepsius		SE	GNR	S1
Paraphlepsius maculosus	Peppered Paraphlepsius Leafhopper		ST	GNR	S1S2
Philaenarcys killa	Great Lakes dune spittlebug		SR	GNR	S2S3
Polyamia caperata	Little Bluestem Polyamia		SR	GNR	S2
Polyamia herbida	The Prairie Panic Grass Leafhopper		ST	GNR	S2
Prairiana kansana	The Kansas Prairie Leafhopper		SE	GNR	S1
Prosapia ignipectus	Red-legged Spittle Bug		SR	G4	S2
<b>Insect: Hymenoptera</b>					
Bombus affinis	Rusty-patched Bumble Bee	E	SE	G2	S1

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ITR Concession Company, LLC - Water Quality Characterization Report 2025  
 Appendix A Endangered, Threatened and Rare Species List per County

Page 2 of 12  
 03/25/2024

**Indiana County Endangered, Threatened and Rare Species List**  
**County: Lake**



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Dolichoderus plagiatus				G5	S2
Formica glacialis				G5	S2
Lasius flavus				G5	S2
Lasius minutus				GNR	S1
Lasius speculiventris				GNR	S1
Myrmica lobifrons				G5	S1
Solenopsis texana texana				GNRTNR	S1
<b>Insect: Lepidoptera (Butterflies &amp; Moths)</b>					
Acronicta funeralis	Funerary Dagger Moth		ST	G5	S2S3
Aethes patricia	Patricia's Cochyliid moth		ST	G3G4	S2S3
Agrotis stigmata	Spotted Dart Moth		ST	G4	S1S2
Ancylis semiovana	New Jersey tea leaf-tier		SR	GNR	S2S3
Apamea burgessi	Burgess' Apamea		ST	G4	S1
Apamea indocilis	spastic apamea		ST	G5	S1S3
Apamea nigrior	black-dashed apamea		ST	G5	S2
Atrytonopsis hianna	Dusted Skipper		SR	G4G5	S2S3
Boloria myrina myrina	Myrina Fritillary		SR	G5?T5	S2S3
Capis curvata	curved halter moth		ST	G5	S3S4
Capsula laeta	red sedge borer moth		ST	G4	S1S2
Caradrina meralis	rare sand Quaker		ST	G5	S2
Carexocultus perstrialis	reed-boring crambid		SR	GNR	S1
Catocala antinympha	sweet fern underwing		SE	G5	S1
Catocala gracilis	graceful underwing		SR	G5	S2S3
Catocala praeclara	Praeclara underwing		SR	G5	S3S4
Coenochroa illibella	dune panic grass moth		SR	GNR	S2S3
Crambus bidens	forked grass-veneer moth		SR	GNR	S2S3
Cyenia collaris	unexpected tiger moth		ST	G4	S2S3
Dargida rubripennis	buff-edge Quaker		ST	G3G4	S1S2
Dichagyris acclivis	buff-edge Quaker		ST	G4G5	S2
Dichagyris grotei	Grote's black-tipped Quaker		ST	G4	S1S2
Dichomeris aleatrix	Buffy dichomeris		SR	GNR	S1S3
Digrammia eremiata	Goat's rue looper		SR	G4	S2S3
Digrammia mellistrigata	yellow-striped angle		SR	G5	S3
Erynnis lucilius	Columbine Duskywing		SE	G3	SH
Erynnis persius persius	Persius Duskywing		SE	G5T1T3	S1
Euchloe olympia	Olympia Marble		SR	G5	S2S3
Eucoptocnemis fimbriaris	fringed dart		ST	G4	S2
Eucosma bilineana	two-striped eucosma		SR	GNR	S2S3
Eucosma bipunctella	two-spotted eucosma		ST	GNR	S1S2
Eucosma giganteana	giant eucosma		ST	GNR	S2

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ITR Concession Company, LLC - Water Quality Characterization Report 2025  
 Appendix A Endangered, Threatened and Rare Species List per County

Page 3 of 12  
 03/25/2024

**Indiana County Endangered, Threatened and Rare Species List**  
**County: Lake**



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<i>Eucosma olivaceana</i>	Olivaceous Eucosma		SR	GNR	S2S3
<i>Eucosma umbrastriana</i>	smokey-striped eucosma		SR	GNR	S3
<i>Euphyes bimacula</i>	Two-spotted Skipper		ST	G4	S1S2
<i>Fagitana littera</i>	marsh fern moth		ST	G4	S1S2
<i>Feltia manifesta</i>	record keeper		SR	G4	S3S4
<i>Gabara subnivosea</i>	snowy gabara		ST	G4	S1S2
<i>Glaucopteryx lygdamus couperi</i>	silvery blue		SE	G5T5	S1
<i>Grammia figurata</i>	figured grammia		SR	G5	S3
<i>Grammia virguncula</i>	little virgin tiger moth		SR	G5	S1S2
<i>Hadena capsularis</i>	starry campion capsule moth		SR	G5	S2
<i>Hadena ectypa</i>	starry campion moth		ST	G3G4	S1S2
<i>Hemaris gracilis</i>	blueberry clearwing sphinx		ST	G3G4	S1S2
<i>Hesperia leonardus</i>	Leonard's Skipper		SR	G4	S2S3
<i>Hesperia ottoe</i>	Ottoe Skipper		SE	G3	S1
<i>Hypenodes caducus</i>	large hypenodes		SR	GNR	S3S4
<i>Hypocoena inquinata</i>	tufted sedge moth		ST	G5	S1S2
<i>Iodopleura u-album</i>	white-eyed sedge-borer		SR	G5	S2S3
<i>Lemmeria digitalis</i>	fingered lemmeria		SR	G4	S1S2
<i>Leucania amygdalina</i>	salt marsh wainscot		SR	GNR	S2
<i>Leucania inermis</i>	unarmed wainscot		ST	G5	S2
<i>Leucania multilinea</i>	many-lined wainscot		SE	G5	S1
<i>Limochares mystic</i>	Long Dash Skipper			G5	S3S4
<i>Lycæides melissa samuelis</i>	Kamer Blue	E	SX	G1G2	SX
<i>Lycaena dione</i>	Gray Copper		SX	G5	SX
<i>Lycaena helloides</i>	Purplish Copper		SR	G5	S2S3
<i>Macaria multilineata</i>	many-lined angle		SR	G4	S4
<i>Macrochilo louisiana</i>	Louisiana macrochilo		SR	G4	S3S4
<i>Melipotis jucunda</i>	merry melipotis		SR	G5	S1S3
<i>Meropleon ambifusca</i>	Newman's brocade		ST	G4G5	S2
<i>Meropleon diversicolor</i>	multicolored brocade		ST	G5	S2
<i>Metarranthus apiciaria</i>	barrens metarranthus		SE	G1G3	S1
<i>Neodactria murellus</i>	prairie sedge moth		SE	GNR	S1
<i>Nola cilicoides</i>	blurry-patched nola moth		SR	G5	S3
<i>Notodonta scitipennis</i>	finned-willow prominent		ST	G5	S1S2
<i>Odontotia elegans</i>	elegant prominent		SR	G5	S2S3
<i>Oligia obtusa</i>	obtuse sedge borer		SE	G4	S1
<i>Papaipema beeriana</i>	Beer's blazing star borer moth		ST	G3?	S1S3
<i>Papaipema cerina</i>	golden borer moth		ST	G3	S1
<i>Papaipema leucostigma</i>	columbine borer moth		ST	G4G5	S1S2
<i>Papaipema lysimachiae</i>	St. John's wort borer moth		ST	G4G5	S2

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ITR Concession Company, LLC - Water Quality Characterization Report 2025  
 Appendix A Endangered, Threatened and Rare Species List per County

Page 4 of 12  
 03/25/2024

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**County: Lake**



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<i>Papaipema maritima</i>	giant sunflower borer moth		ST	G3?	S2S3
<i>Papaipema rigida</i>	rigid sunflower borer moth		SR	G4G5	S3S4
<i>Papaipema sciata</i>	Culver's root borer moth		SE	G2G3	S1S2
<i>Papaipema silphii</i>	Silphium Borer Moth		ST	G3G4	S2
<i>Papaipema speciosissima</i>	royal fern borer moth		ST	G3G4	S3S4
<i>Parasa indetermina</i>	stinging rose caterpillar moth		SR	G4	S3S4
<i>Peoria gemmatella</i>	gemmed cordgrass borer		ST	GNR	S2S3
<i>Peoria tetradella</i>	four-spotted peoria		SR	GNR	S2
<i>Phaneta striatana</i>	striated phaneta moth		SR	G5	S4
<i>Photodes enervata</i>	many-lined photodes		SE	G4	S1
<i>Photodes includens</i>	included photodes		ST	G4	S1
<i>Photodes inops</i>	helpless photodes		ST	G3G4	S1S2
<i>Photodes panatela</i>	northern sedge borer		SR	GNR	S2S3
<i>Phytometra ernestiana</i>	Ernestine's phytometra		SE	G4	S1
<i>Poanes massasoit</i>	Mulberry Wing Skipper			G4	S3S4
<i>Poanes viator viator</i>	Big Broad-winged Skipper		ST	G5T4	S2
<i>Polygonia progne</i>	gray comma		SR	G5	S2S3
<i>Ponometia binocula</i>	prairie tarachidia		SE	GNR	S1
<i>Problema byssus</i>	Bunchgrass Skipper		ST	G4	S1S2
<i>Protorthodes incincta</i>	Saturn quaker		SR	GNR	S2
<i>Pygarctia spraguei</i>	Sprague's pygartic		ST	G5	S1S2
<i>Pyrausta laticlavata</i>	southern purple mint moth		SR	GNR	S2S3
<i>Pyrrhia aurantiago</i>	false-foxglove sun moth		ST	G3G4	S1S2
<i>Resapamea stipata</i>	four-lined cordgrass borer		SE	G4	S1S2
<i>Schinia indiana</i>	phlox flower moth		SE	G2G4	S1
<i>Schinia sanguinea</i>	blazingstar flower moth		SE	G4	S1
<i>Schinia septentrionalis</i>	northern flower moth		ST	G3G4	S2
<i>Sitochroa dasconalis</i>	pearly wild indigo borer		ST	GNR	S1S2
<i>Sonia fulminana</i>	smokey prairie dock borer		SR	GNR	S2
<i>Speyeria idalia</i>	Regal Fritillary	C	SE	G3?	S1S2
<i>Sphinx luscitiosa</i>	luscious willow sphinx		ST	G5	S1S2
<i>Spilosoma latipennis</i>	red-legged tussock moth		SR	G4	S3S4
<i>Sympistis riparia</i>	dune oncocnemis		SE	G4	S1
<i>Tricholita notata</i>	noted sunflower moth		ST	G5	S1S2
<i>Zomaria interruptolineana</i>	broken-lined zomaria		SR	GNR	S4
<b>Insect: Odonata (Dragonflies &amp; Damselflies)</b>					
<i>Anax longipes</i>	Comet Darner		ST	G5	S2
<i>Rhionaeschna mutata</i>	Spatterdock Darner		ST	G4	S2S3
<i>Somatochlora hineana</i>	Hine's Emerald	E	SX	G2G3	SX
<i>Sympetrum semicinctum</i>	Band-winged Meadowhawk		SR	G5	S2S3

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ITR Concession Company, LLC - Water Quality Characterization Report 2025  
 Appendix A Endangered, Threatened and Rare Species List per County

Page 5 of 12  
 03/25/2024

**Indiana County Endangered, Threatened and Rare Species List**  
**County: Lake**



Species Name	Common Name	FED	STATE	GRANK	SRANK
<b>Insect: Orthoptera</b>					
Chloealtis conspersa	Sprinkled Locust		SR	G5	S2S3
Conocephalus saltans	Prairie Meadow Katydid		SR	G5	S1S2
Hesperotettix viridis pratensis	snakeweed grasshopper		ST	G5T5	S1S2
Melanoplus fasciatus	Huckleberry Spur-throat Grasshopper		SR	G5	S2
Neoconocephalus nebrascensis	Nebraska Conehead		SR	GNR	S1S2
Orphulella pelidna	Spotted-wing Grasshopper		SE	G5	S1
Pardalophora phoenicoptera	Orange-winged Grasshopper		SR	G5	S1S2
Paroxya atlantica	Atlantic Spastic Grasshopper		ST	GU	S2
Phoetaliotes nebrascensis	Large-headed Grasshopper		ST	G5	S1S2
Psinidia fenestralis	Sand Locust		SR	G5	S2
Trimerotropis maritima	Seaside Grasshopper		ST	G5	S1S2
<b>Arachnida</b>					
Araneus juniperi	white-striped orbweaver		SE	GNR	S1
Coras aerialis	big-eyed spurred woodland funnelweaver		SE	GNR	S1
Disembolus bairdi	a money spider		SE	GNR	S1
Emertonella emertoni	a cobweb spider		SE	GNR	S1
Grammonota pallipes	pale-footed patterned money spider		SE	GNR	S1
Iviella ohioensis	Ohio meshweaver		SE	GNR	S1
Mecaphesa carletonica	Northeastern flower crab spider		SE	GNR	S1
Phantyna pixi	a meshweaver		SE	GNR	S1
Phruonellus formica	an araeomorph spider		SE	GNR	S1
Phrurotimpus dulcineus	slender antmimic corrine spider		SE	GNR	S1
Scironis tarsalis	Tarsal sheet-web weaver		SE	G5	S1
Scotinotylus vernalis	vernal money spider		SE	GNR	S1
Zelotes exiguoides	small-spined preening ground spider		ST	GNR	S2
<b>Fish</b>					
Acipenser fulvescens	Lake Sturgeon		SE	G3G4	S1
Ichthyomyzon fossor	Northern Brook Lamprey		SSC	G4	S1
Rhinichthys cataractae	Longnose Dace		SSC	G5	S2
<b>Amphibian</b>					
Acris blanchardi	Blanchard's cricket frog		SSC	G5	S4
Ambystoma laterale	blue-spotted salamander		SSC	G5	S2
Necturus maculosus	common mudpuppy		SSC	G5	S3
<b>Reptile</b>					
Clemmys guttata	spotted turtle	C	SE	G5	S2

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ITR Concession Company, LLC - Water Quality Characterization Report 2025  
 Appendix A Endangered, Threatened and Rare Species List per County

Page 6 of 12  
 03/25/2024

**Indiana County Endangered, Threatened and Rare Species List**  
**County: Lake**



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<i>Clonophis kirtlandii</i>	Kirtland's snake		SE	G2	S3
<i>Emydoidea blandingii</i>	Blanding's turtle	C	SE	G4	S2
<i>Ophedryx vernalis</i>	smooth green snake		SE	G5	S2
<i>Sistrurus catenatus</i>	eastern massasauga	T	SE	G3	S2
<i>Terrapene carolina carolina</i>	woodland box turtle		SSC	G5T5	S3
<i>Terrapene ornata ornata</i>	plains box turtle		SE	G5T5	S1
<i>Thamnophis proximus proximus</i>	western ribbon snake		SSC	G5T5	S3
<i>Thamnophis radix</i>	plains garter snake		SSC	G5	S3
<b>Bird</b>					
<i>Accipiter striatus</i>	Sharp-shinned Hawk		SSC	G5	S2B
<i>Antigone canadensis</i>	sandhill crane		SSC	G5	S2B,S1N
<i>Ardea alba</i>	Great Egret		SSC	G5	S1B
<i>Asio otus</i>	long-eared owl		SSC	G5	S2
<i>Bartramia longicauda</i>	Upland Sandpiper		SE	G5	S3B
<i>Botaurus lentiginosus</i>	American Bittern		SE	G5	S2B
<i>Buteo platypterus</i>	Broad-winged Hawk		SSC	G5	S3B
<i>Calidris canutus rufa</i>	Rufa Red Knot	T	SE	G4T2	S1M
<i>Centronyx henslowii</i>	Henslow's sparrow		SE	G4	S3B
<i>Certhia americana</i>	Brown Creeper			G5	S2B
<i>Charadrius melodus</i>	Piping Plover	E	SE	G3	SXB
<i>Chlidonias niger</i>	Black Tern		SE	G4G5	S1B
<i>Chordeiles minor</i>	Common Nighthawk		SSC	G5	S4B
<i>Cistothorus palustris</i>	marsh wren		SE	G5	S3B
<i>Cistothorus platensis</i>	sedge wren		SE	G5	S3B
<i>Cygnus buccinator</i>	Trumpeter Swan		SE	G4	S1B
<i>Euphagus cyanocephalus</i>	Brewer's Blackbird			G5	SHB,S1N
<i>Falco peregrinus</i>	Peregrine Falcon		SSC	G4	S2B
<i>Gallinula galeata</i>	Common gallinule		SE	G5	S3B
<i>Haliaeetus leucocephalus</i>	bald eagle			G5	S3
<i>Hydroprogne caspia</i>	Caspian Tern			G5	S1B
<i>Ixobrychus exilis</i>	Least Bittern		SE	G3G4	S3B
<i>Lanius ludovicianus</i>	loggerhead shrike		SE	G4	S2B
<i>Laterallus jamaicensis</i>	Black Rail	T	SE	G3	SHB
<i>Mniotilta varia</i>	Black-and-white Warbler		SSC	G5	S1S2B
<i>Nyctanassa violacea</i>	Yellow-crowned Night-heron		SE	G5	S2B
<i>Nycticorax nycticorax</i>	Black-crowned Night-heron		SE	G5	S1B
<i>Pandion haliaetus</i>	Osprey		SSC	G5	S1B
<i>Phalaropus tricolor</i>	Wilson's Phalarope		SSC	G5	SHB
<i>Rallus elegans</i>	King Rail		SE	G4	S1B
<i>Rallus limicola</i>	Virginia Rail		SE	G5	S3B

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ITR Concession Company, LLC - Water Quality Characterization Report 2025  
 Appendix A Endangered, Threatened and Rare Species List per County

Page 7 of 12  
 03/25/2024

**Indiana County Endangered, Threatened and Rare Species List**  
**County: Lake**



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<i>Scolopax minor</i>	American Woodcock		SSC	G5	S4B
<i>Spatula clypeata</i>	Northern Shoveler			G5	SHB
<i>Tringa melanoleuca</i>	Greater Yellowlegs		SSC	G5	S3M
<i>Tringa solitaria</i>	Solitary Sandpiper		SSC	G5	S3M
<i>Tyto alba</i>	Barn Owl		SE	G5	S2
<i>Vermivora chrysoptera</i>	Golden-winged Warbler	C	SE	G4	S1B
<i>Xanthocephalus xanthocephalus</i>	Yellow-headed Blackbird		SE	G5	S1B
<b>Mammal</b>					
<i>Lasiurus borealis</i>	red bat		SSC	G3G4	S4
<i>Lasiurus cinereus</i>	hoary bat		SSC	G3G4	S4
<i>Myotis lucifugus</i>	little brown myotis	C	SE	G3G4	S2
<i>Myotis septentrionalis</i>	northern long-eared myotis	E	SE	G2G3	S2S3
<i>Poliocitellus franklinii</i>	Franklin's ground squirrel		SE	G5	S2
<i>Taxidea taxus</i>	badger		SSC	G5	S2
<b>Vascular Plant</b>					
<i>Agalinis auriculata</i>	earleaf foxglove		ST	G3	S2
<i>Agalinis gattingeri</i>	roundstem foxglove		ST	G4	S3
<i>Agalinis skinneriana</i>	pale false foxglove		ST	G3G4	S2
<i>Amelanchier humilis</i>	running serviceberry		SE	G5	S1
<i>Androsace occidentalis</i>	western rockjasmine		ST	G5	S2
<i>Aralia hispida</i>	bristly sarsaparilla		SE	G5	S1
<i>Arctostaphylos uva-ursi</i>	bearberry		ST	G5	S3
<i>Arethusa bulbosa</i>	swamp-pink		SX	G5	SX
<i>Aristida tuberculosa</i>	seabeach needlegrass		ST	G4	S3
<i>Asclepias meadii</i>	Mead's milkweed	T	SRE	G2	SX
<i>Aureolaria grandiflora</i> var. <i>pulchra</i>	large-flower false-foxglove		SX	G4G5T4T5	SX
<i>Betula papyrifera</i>	paper birch		ST	G5	S3
<i>Bidens beckii</i>	Beck's water-marigold		SE	G5	S1
<i>Botrychium matricariifolium</i>	chamomile grape-fern		ST	G5	S3
<i>Botrychium simplex</i>	least grape-fern		SE	G5	S1
<i>Buchnera americana</i>	bluehearts		SE	G5?	S1
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink		SX	G2	SX
<i>Calylophus serrulatus</i>	yellow sundrops		SE	G5	S1
<i>Capnoides sempervirens</i>	pale corydalis		SE	G5	S1
<i>Carex atherodes</i>	awned sedge		SE	G5	S2S3
<i>Carex atlantica</i> ssp. <i>capillacea</i>	Howe's sedge		SE	G5T5?	S1
<i>Carex aurea</i>	golden-fruited sedge		ST	G5	S3
<i>Carex brunnescens</i>	brownish sedge		ST	G5	S2
<i>Carex conoidea</i>	prairie gray sedge		ST	G5	S2
<i>Carex crawei</i>	Crawe's sedge		ST	G5	S2

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Page 8 of 12  
 03/25/2024

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Carex cumulata	clustered sedge		SE	G4G5	S1
Carex eburnea	ebony sedge		ST	G5	S3
Carex echinata ssp. echinata	little prickly sedge		SE	G5T5	S1
Carex garberi	elk sedge		SE	G5	S1
Carex inops ssp. heliophila	sun sedge		SE	G5T5	S1
Carex limosa	mud sedge		SE	G5	S1
Carex projecta	necklace sedge		SE	G5	SU
Carex richardsonii	Richardson's sedge		ST	G5	S2
Carex seorsa	weak stellate sedge		ST	G5	S3
Carex straminea	straw sedge		ST	G5	S2
Catalpa speciosa	northern catalpa		ST	G4?	S3
Ceanothus herbaceus	prairie reedroot		SE	G5	S1
Chamaenerion angustifolium ssp. circumvagum	fireweed		SE	G5T5	S1
Cirsium hillii	Hill's thistle		SE	G3	S1
Cirsium pitcheri	dune thistle	T	SE	G3	S1
Clinopodium arkansanum	calamint		ST	G5	S2
Clintonia borealis	Clinton's lily		SE	G5	S1
Cornus amomum ssp. amomum	silky dogwood		SE	G5	S1
Cornus canadensis	bunchberry		SE	G5	S1
Cornus rugosa	roundleaf dogwood		ST	G5	S3
Cyperus dentatus	toothed sedge		SE	G4	S1
Cyripedium acaule	pink lady's-slipper		SE	G5	S1
Cyripedium candidum	small white lady's-slipper		ST	G4	S3
Cyripedium parviflorum var. makasin	small yellow lady's-slipper		ST	G5T4T5	S3
Cyripedium reginae	showy lady's-slipper		ST	G4G5	S3
Dactylorhiza viridis	long-bract green orchid		SE	G5	S1
Dichanthelium boreale	northern witchgrass		ST	G5	S3
Dichanthelium commonsianum	Commons' panic-grass		SE	GNR	SU
Dichanthelium deamii	Deam's panic-grass		SE	GNR	SU
Dichanthelium leibergii	Leiberg's witchgrass		ST	G4	S2
Drosera intermedia	spoon-leaved sundew		ST	G5	S3
Eleocharis atropurpurea	purple spikerush		SE	G4G5	S1
Eleocharis geniculata	capitate spike-rush		ST	G5	S2
Eleocharis melanocarpa	black-fruited spike-rush		ST	G4	S2
Eleocharis wolfii	Wolf's spike-rush		ST	G3G5	S2
Epigaea repens	trailing arbutus		ST	G5	S3
Equisetum variegatum var. variegatum	variegated horsetail		SE	G5T5	S1
Eriophorum angustifolium ssp. angustifolium	narrow-leaved cotton-grass		ST	G5T5	S3
Eriophorum gracile var. gracile	slender cotton-grass		ST	G5T5	S2
Euphorbia polygonifolia	seaside spurge		ST	G5?	S2

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Page 9 of 12  
 03/25/2024

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Eurybia furcata	forked aster		ST	G3	S3
Fimbristylis puberula	Carolina fimbry		SE	G5	S1
Gentiana alba	yellow gentian		ST	G4	S3
Gentiana puberulenta	downy gentian		SE	G4G5	S1
Geranium bicknellii	Bicknell's northern cranesbill		SE	G5	S1
Geum aleppicum	yellow avens		ST	G5	S2?
Glyceria borealis	small floating manna-grass		SE	G5	S1
Hudsonia tomentosa	sand-heather		ST	G5	S2
Hypericum adpressum	creeping St. John's-wort		ST	G3	S2
Hypericum swinkianum	Swink's St. John's-wort		SE	GNR	SU
Juglans cinerea	butternut		ST	G3	S2
Juncus articulatus	jointed rush		ST	G5	S1
Juncus pelocarpus	brown-fruited rush		SE	G5	S1
Juncus scirpoides	scirpus-like rush		ST	G5	S2
Juniperus communis var. depressa	ground juniper		ST	G5T5	S3
Juniperus horizontalis	creeping juniper		SRE	G5	SX
Lactuca hirsuta	hairy lettuce		ST	G5?	S2?
Lathyrus japonicus	beach peavine		SE	G5	S1
Lathyrus venosus	smooth veiny pea		SE	G5	S1
Lechea stricta	upright pinweed		SX	G3G4	SX
Lemna gibba	inflated duckweed		SE	G4G5	S1
Liatris pycnostachya	cattail gay-feather		SE	G5	S1
Linnaea borealis	twinflower		SX	G5	SX
Linum sulcatum	grooved yellow flax		ST	G5	S3
Lipocarpa drummondii	Drummond's hemicarpha		SE	G4G5	S1
Ludwigia sphaerocarpa	globe-fruited false-loosestrife		SE	G5	S1
Lycopodiella inundata	northern bog clubmoss		SE	G5	S1
Lycopodiella subappressa	northern appressed bog clubmoss		SE	G2	S1
Malaxis unifolia	green adder's-mouth		SE	G5	S1
Matteuccia struthiopteris	ostrich fern		ST	G5	S3
Melampyrum lineare	American cow-wheat		SE	G5	S1
Mikania scandens	climbing hempweed		SE	G5	S1
Minuartia michauxii var. michauxii	Michaux's stitchwort		ST	G5T5	S2
Myosotis laxa	smaller forget-me-not		ST	G5	S2
Myriophyllum verticillatum	whorled water-milfoil		ST	G5	S3
Najas gracillima	thread-like naiad		ST	G5?	S3
Oenothera perennis	small sundrops		ST	G5	S3
Oligoneuron album	prairie goldenrod		ST	G5	S3
Orobanche fasciculata	clustered broomrape		SE	G4G5	S1
Orthilia secunda	one-sided wintergreen		SX	G5	SX

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Page 10 of 1  
 03/25/2024

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<i>Perideridia americana</i>	eastern eulophus		SE	G4	S1
<i>Persicaria careyi</i>	Carey's smartweed		ST	G4	S2
<i>Phemeranthus rugospermus</i>	prairie fame-flower		SE	G3G4	S1
<i>Pinus banksiana</i>	jack pine		ST	G5	S3
<i>Pinus strobus</i>	eastern white pine		ST	G5	S3
<i>Plantago cordata</i>	heart-leaved plantain		SE	G4	S1
<i>Platanthera aquilonis</i>	leafy northern green orchid		ST	G5	S2
<i>Platanthera ciliaris</i>	yellow-fringe orchid		SE	G5	S1
<i>Platanthera hookeri</i>	Hooker's orchid		SX	G4	SX
<i>Platanthera leucophaea</i>	eastern prairie white-fringed orchid	T	SE	G2G3	S1
<i>Platanthera psycodes</i>	small purple-fringe orchid		ST	G5	S3
<i>Polygonum articulatum</i>	eastern jointweed		ST	G5	S3
<i>Polytaenia nuttallii</i>	prairie parsley		SE	G5	S1
<i>Populus balsamifera</i>	balsam poplar		SE	G5	S1
<i>Potamogeton pulcher</i>	spotted pondweed		ST	G5	S2
<i>Potamogeton richardsonii</i>	redheadgrass		ST	G5	S3
<i>Potamogeton robbinsii</i>	flatleaf pondweed		ST	G5	S3
<i>Potamogeton strictifolius</i>	straight-leaf pondweed		ST	G5	S2
<i>Potentilla anserina</i>	silverweed		ST	G5	S2
<i>Prenanthes aspera</i>	rough rattlesnake-root		ST	G4?	S3
<i>Prunus pensylvanica</i>	fire cherry		ST	G5	S3
<i>Pyrola americana</i>	American wintergreen		ST	G5	S2
<i>Rhus aromatica</i> var. <i>arenaria</i>	beach sumac		ST	G5T3Q	S3
<i>Rhynchospora macrostachya</i>	tall beaked-rush		ST	G4	S3
<i>Rhynchospora recognita</i>	globe beaked-rush		SE	G5?	S1
<i>Rhynchospora scirpoides</i>	long-beaked baldrush		ST	G4	S3
<i>Rorippa aquatica</i>	lake cress		SE	G4?	S1
<i>Salix cordata</i>	heartleaf willow		SE	G4	S1
<i>Sceptridium rugulosum</i>	ternate grape-fem		SX	G3	SX
<i>Schoenoplectiella hallii</i>	Hall's bulrush		SE	G3	S1
<i>Schoenoplectiella purshiana</i>	weakstalk bulrush		ST	G4G5	S3
<i>Schoenoplectiella smithii</i>	Smith's Bulrush		ST	G5?	S2
<i>Schoenoplectus subterminalis</i>	water bulrush		ST	G5	S3
<i>Schoenoplectus torreyi</i>	Torrey's Bulrush		SE	G5?	S1
<i>Scleria reticularis</i>	reticulated nutrush		ST	G4	S2
<i>Selaginella rupestris</i>	ledge spike-moss		SE	G5	S1
<i>Shepherdia canadensis</i>	Canada buffalo-berry		SX	G5	SX
<i>Sisyrinchium montanum</i>	strict blue-eyed-grass		SE	G5	S1
<i>Solidago simplex</i> var. <i>gillmanii</i>	sticky goldenrod		ST	G5T3?	S2

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ITR Concession Company, LLC - Water Quality Characterization Report 2025  
 Appendix A Endangered, Threatened and Rare Species List per County

Page 11 of 1  
 03/25/2024

**Indiana County Endangered, Threatened and Rare Species List**  
**County: Lake**



Species Name	Common Name	FED	STATE	GRANK	SRANK
Sparganium androcladum	branching bur-reed		ST	G4G5	S2
Sparganium natans	small bur-reed		SX	G5	SX
Spiranthes arcisepala	Appalachian ladies'-tresses		SE	GNR	S2
Spiranthes lucida	shining ladies'-tresses		ST	G4	S3
Spiranthes magnicamporum	Great Plains ladies'-tresses		ST	G3G4	S2S3
Stuckenia filiformis ssp. occidentalis	slender pondweed		SE	G5T5	SU
Styrax americanus	American snowbell		ST	G5	S3
Symphotrichum boreale	rushlike aster		ST	G5	S2
Symphotrichum sericeum	western silvery aster		ST	G5	S2
Thuja occidentalis	northern white cedar		SE	G5	S1
Triglochin palustris	marsh arrow-grass		ST	G5	S2
Utricularia cornuta	horned bladderwort		SE	G5	S1
Utricularia minor	lesser bladderwort		ST	G5	S1
Utricularia purpurea	purple bladderwort		ST	G5	S3
Utricularia resupinata	northeastern bladderwort		SE	G4	S1
Utricularia subulata	zigzag bladderwort		ST	G5	S2
Vaccinium myrtilloides	velvetleaf blueberry		SE	G5	S1
Viburnum opulus var. americanum	highbush-cranberry		SE	G5T5	S1
Viola pedatifida	prairie violet		ST	G5	S2
Viola primulifolia	primrose-leaf violet		ST	G5	S3
<b>High Quality Natural Community</b>					
Forest - floodplain wet	Wet Floodplain Forest		SG	G3?	S3
Forest - floodplain wet-mesic	Wet-mesic Floodplain Forest		SG	G3?	S3
Forest - upland dry Northwestern Morainal	Northwestern Morainal Dry Upland Forest		SG	GNR	S1
Forest - upland dry-mesic Northwestern Morainal	Northwestern Morainal Dry-mesic Upland Forest		SG	GNR	S1
Forest - upland mesic Northwestern Morainal	Northwestern Morainal Mesic Upland Forest		SG	GNR	S1
Lake - pond	Pond		SG	GNR	SU
Prairie - dry-mesic	Dry-mesic Prairie		SG	G3	S2
Prairie - mesic	Mesic Prairie		SG	G2	S2
Prairie - sand dry	Dry Sand Prairie		SG	G3	S2
Prairie - sand dry-mesic	Dry-mesic Sand Prairie		SG	G3	S3
Prairie - sand mesic	Mesic Sand Prairie		SG	GNR	S1
Prairie - sand wet	Wet Sand Prairie		SG	G3	S3
Prairie - sand wet-mesic	Wet-mesic Sand Prairie		SG	G1?	S2
Prairie - wet	Wet Prairie		SG	G3	S1
Primary - dune lake	Foredune		SG	G3	S1
Savanna - mesic	Mesic Savanna		SG	GNR	S1
Savanna - sand dry	Dry Sand Savanna		SG	G2?	S2

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ITR Concession Company, LLC - Water Quality Characterization Report 2025  
 Appendix A Endangered, Threatened and Rare Species List per County

Page 12 of 1  
 03/25/2024

**Indiana County Endangered, Threatened and Rare Species List**  
**County: Lake**



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Savanna - sand dry-mesic	Dry-mesic Sand Savanna		SG	G2?	S2S3
Savanna - sand mesic	Mesic Sand Savanna		SG	GNR	S1
Wetland - fen	Fen		SG	G3	S3
Wetland - marsh	Marsh		SG	GU	S4
Wetland - meadow sedge	Sedge Meadow		SG	G3?	S1
Wetland - panne	Panne		SG	G2	S1
Wetland - swamp shrub	Shrub Swamp		SG	GU	S2
<b>Other Significant Feature</b>					
Migratory Bird Concentration Area			SG	G3	SNR
Raptor Migratory Concentration Area			SG	GNR	SNR
Shorebird Migratory Concentration Area			SG	GNR	SNR

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ITR Concession Company, LLC - Water Quality Characterization Report 2025  
 Appendix A Endangered, Threatened and Rare Species List per County

Page 1 of 9  
 03/25/2024

**Indiana County Endangered, Threatened and Rare Species List**  
**County: La Porte**



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<b>Insect: Plecoptera (Stoneflies)</b>					
Isoperla frisoni	Wisconsin Stripetail		SE	G5	S1
<b>Mollusk: Gastropoda</b>					
Lymnaea stagnalis	swamp lymnaea		SSC	G5	S2
<b>Insect: Diptera</b>					
Mydas tibialis	Golden Legged Mydas Fly		ST	GNR	S1S2
<b>Insect: Homoptera</b>					
Bruchomorpha extensa	The Long-nosed Elephant Hopper		SR	GNR	S2S3
Chlorotettix dentatus	Toothed Chlorotettix Leafhopper		SE	GNR	S1
Cicadula straminea	Straw-colored Sedge Leafhopper		ST	GNR	S1S2
Cosmotettix bilineatus	Two-lined cosmottettix		SR	GNR	S1S2
Flexamia reflexus	Indiangrass Flexamia		SR	GNR	S1S2
Laevincephalus acus	Pointed Fen Laevincephalus		SR	GNR	S1S2
Mesamia straminea	Helianthus Leafhopper		SE	GNR	S1
Paraphlepsius maculosus	Peppered Paraphlepsius Leafhopper		ST	GNR	S1S2
Polyamia caperata	Little Bluestem Polyamia		SR	GNR	S2
Polyamia herbida	The Prairie Panic Grass Leafhopper		ST	GNR	S2
Prairiana kansana	The Kansas Prairie Leafhopper		SE	GNR	S1
Scaphoideus ochraceus	orange-head scaphoideus		SR	GNR	SNR
<b>Insect: Lepidoptera (Butterflies &amp; Moths)</b>					
Acronicta funeralis	Funerary Dagger Moth		ST	G5	S2S3
Aethes patricia	Patricia's Cochylid moth		ST	G3G4	S2S3
Agrotis stigmata	Spotted Dart Moth		ST	G4	S1S2
Anaplectoides prasina	green arches		ST	G5	S1S3
Apamea burgessi	Burgess' Apamea		ST	G4	S1
Apamea indocilis	spastic apamea		ST	G5	S1S3
Apamea lignicolora	wood-colored Apamea		SR	G5	S2S3
Apamea lutosa	opalescent apamea		SE	G4	S1
Apamea nigrior	black-dashed apamea		ST	G5	S2
Atrytonopsis hianna	Dusted Skipper		SR	G4G5	S2S3
Boloria myrina myrina	Myrina Fritillary		SR	G5?T5	S2S3
Boloria myrina nebraskensis	Nebraska fritillary		SE	G5?T3T4	S1S2
Capis curvata	curved halter moth		ST	G5	S3S4
Catocala abbreviatella	abbreviated leadplant underwing		SE	G3G4	S1
Catocala amestris	leadplant underwing		SE	G4	S1
Catocala gracilis	graceful underwing		SR	G5	S2S3
Catocala praeclara	Praeclara underwing		SR	G5	S3S4
Catocala relicta	white underwing		SR	G5	S1S2

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 Appendix A Endangered, Threatened and Rare Species List per County

Page 2 of 9  
 03/25/2024

**Indiana County Endangered, Threatened and Rare Species List**  
**County: La Porte**



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Catocala sordida	Huckleberry underwing		SR	G5	S2S3
Chrysanympa formosa	huckleberry looper		ST	G5	S1S2
Crambus bidens	forked grass-veneer moth		SR	GNR	S2S3
Crambus girardellus	orange-striped sedge moth		SR	GNR	S2S3
Cycnia collaris	unexpected tiger moth		ST	G4	S2S3
Dargida rubripennis	buff-edge Quaker		ST	G3G4	S1S2
Eubaphe meridiana	little beggar moth		SR	G4	S2
Eucosma bilineana	two-striped eucosma		SR	GNR	S2S3
Eucosma bipunctella	two-spotted eucosma		ST	GNR	S1S2
Eucosma giganteana	giant eucosma		ST	GNR	S2
Fagitana littera	marsh fern moth		ST	G4	S1S2
Gabara subnivosella	snowy gabara		ST	G4	S1S2
Grammia virguncula	little virgin tiger moth		SR	G5	S1S2
Hesperia leonardus	Leonard's Skipper		SR	G4	S2S3
Homophoberia cristata	waterlily moth		SR	G4	S1S3
Hypenodes caducus	large hypenodes		SR	GNR	S3S4
Lethe appalachia leeuwi	Appalachian Eyed Brown		ST	G5T4	S2
Lethe eurydice fumosus	Smoky-eyed Brown		SE	G5T3T4	S1
Leucania amygdalina	salt marsh wainscot		SR	GNR	S2
Leucania inermis	unarmed wainscot		ST	G5	S2
Leucania multilinea	many-lined wainscot		SE	G5	S1
Limochores mystic	Long Dash Skipper			G5	S3S4
Lycaena helloides	Purplish Copper		SR	G5	S2S3
Macrochilo louisiana	Louisiana macrochilo		SR	G4	S3S4
Meropleon ambifusca	Newman's brocade		ST	G4G5	S2
Meropleon diversicolor	multicolored brocade		ST	G5	S2
Neonympha mitchellii mitchellii	Mitchell's Satyr	E	SE	G2T2	S1
Nola cilicoides	blurry-patched nola moth		SR	G5	S3
Notodontia scitipennis	finned-willow prominent		ST	G5	S1S2
Odontotia elegans	elegant prominent		SR	G5	S2S3
Oligia obtusa	obtuse sedge borer		SE	G4	S1
Papaipema beeriana	Beer's blazing star borer moth		ST	G3?	S1S3
Papaipema cerina	golden borer moth		ST	G3	S1
Papaipema harrisii	Heracleum stem borer moth		ST	G4	S2S3
Papaipema limpida	ironweed borer moth		SR	G2G4	S1S2
Papaipema lysimachiae	St. John's wort borer moth		ST	G4G5	S2
Papaipema maritima	giant sunflower borer moth		ST	G3?	S2S3
Papaipema rigida	rigid sunflower borer moth		SR	G4G5	S3S4
Papaipema sciata	Culver's root borer moth		SE	G2G3	S1S2
Papaipema silphii	Silphium Borer Moth		ST	G3G4	S2

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Page 3 of 9  
 03/25/2024

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<i>Papaipema speciosissima</i>	royal fern borer moth		ST	G3G4	S3S4
<i>Parasa indetermina</i>	stinging rose caterpillar moth		SR	G4	S3S4
<i>Peoria gemmatella</i>	gemmed cordgrass borer		ST	GNR	S2S3
<i>Photodes enervata</i>	many-lined photodes		SE	G4	S1
<i>Photodes includens</i>	included photodes		ST	G4	S1
<i>Photodes inops</i>	helpless photodes		ST	G3G4	S1S2
<i>Plagodis kuetzingi</i>	purple plagodis		SR	G5	S4
<i>Poanes massasoit</i>	Mulberry Wing Skipper			G4	S3S4
<i>Poanes viator viator</i>	Big Broad-winged Skipper		ST	G5T4	S2
<i>Polygonia progne</i>	gray comma		SR	G5	S2S3
<i>Problema byssus</i>	Bunchgrass Skipper		ST	G4	S1S2
<i>Pyreferra hesperidago</i>	mustard tiger swallow		SR	G5	S3S4
<i>Pyreferra pettiti</i>	Pettit's swallow		SR	G5	S3S4
<i>Resapamea stipata</i>	four-lined cordgrass borer		SE	G4	S1S2
<i>Sciota dammersi</i>	leadplant webworm		SE	GNR	S1
<i>Sitochroa dasconalis</i>	pearly wild indigo borer		ST	GNR	S1S2
<i>Spilosoma latipennis</i>	red-legged tussock moth		SR	G4	S3S4
<i>Tricholita notata</i>	noted sunflower moth		ST	G5	S1S2
<i>Virbia opella</i>	tawny virbia		SR	G5	S3S4
<b>Insect: Odonata (Dragonflies &amp; Damselflies)</b>					
<i>Leucorrhinia frigida</i>	Frosted Whiteface		ST	G5	S2S3
<i>Nannothemis bella</i>	Elfin Skimmer		SE	G4G5	S1S2
<i>Rhionaeschna mutata</i>	Spatterdock Darner		ST	G4	S2S3
<i>Sympetrum semicinctum</i>	Band-winged Meadowhawk		SR	G5	S2S3
<b>Insect: Orthoptera</b>					
<i>Chloealtis conspersa</i>	Sprinkled Locust		SR	G5	S2S3
<i>Melanoplus gracilis</i>	Graceful Spur-throated Grasshopper		SR	G5	S1S2
<i>Neoconocephalus exiliscanorus</i>	Slightly Musical Conehead		SR	GNR	SNR
<i>Neoconocephalus nebrascensis</i>	Nebraska Conehead		SR	GNR	S1S2
<b>Fish</b>					
<i>Acipenser fulvescens</i>	Lake Sturgeon		SE	G3G4	S1
<i>Ichthyomyzon fossor</i>	Northern Brook Lamprey		SSC	G4	S1
<i>Moxostoma valenciennesi</i>	Greater Redhorse		SE	G4	S2
<i>Rhinichthys cataractae</i>	Longnose Dace		SSC	G5	S2
<b>Amphibian</b>					
<i>Acris blanchardi</i>	Blanchard's cricket frog		SSC	G5	S4
<i>Hemidactylium scutatum</i>	four-toed salamander		SSC	G5	S3
<i>Necturus maculosus</i>	common mudpuppy		SSC	G5	S3

**Reptile**

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 Appendix A Endangered, Threatened and Rare Species List per County

Page 4 of 9  
 03/25/2024

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<i>Clemmys guttata</i>	spotted turtle	C	SE	G5	S2
<i>Clonophis kirtlandii</i>	Kirtland's snake		SE	G2	S3
<i>Emydoidea blandingii</i>	Blanding's turtle	C	SE	G4	S2
<i>Opheodrys vernalis</i>	smooth green snake		SE	G5	S2
<i>Sistrurus catenatus</i>	eastern massasauga	T	SE	G3	S2
<i>Terrapene carolina carolina</i>	woodland box turtle		SSC	G5T5	S3
<i>Terrapene ornata ornata</i>	plains box turtle		SE	G5T5	S1
<i>Thamnophis proximus proximus</i>	western ribbon snake		SSC	G5T5	S3
<b>Bird</b>					
<i>Antigone canadensis</i>	sandhill crane		SSC	G5	S2B,S1N
<i>Ardea alba</i>	Great Egret		SSC	G5	S1B
<i>Bartramia longicauda</i>	Upland Sandpiper		SE	G5	S3B
<i>Botaurus lentiginosus</i>	American Bittern		SE	G5	S2B
<i>Buteo platypterus</i>	Broad-winged Hawk		SSC	G5	S3B
<i>Calidris canutus rufa</i>	Rufa Red Knot	T	SE	G4T2	S1M
<i>Centronyx henslowii</i>	Henslow's sparrow		SE	G4	S3B
<i>Certhia americana</i>	Brown Creeper			G5	S2B
<i>Charadrius melodus</i>	Piping Plover	E	SE	G3	SXB
<i>Chlidonias niger</i>	Black Tern		SE	G4G5	S1B
<i>Circus hudsonius</i>	Northern Harrier		SE	G5	S2
<i>Cistothorus palustris</i>	marsh wren		SE	G5	S3B
<i>Cistothorus platensis</i>	sedge wren		SE	G5	S3B
<i>Colinus virginianus</i>	Northern Bobwhite		SSC	G4G5	S4
<i>Cygnus buccinator</i>	Trumpeter Swan		SE	G4	S1B
<i>Empidonax alnorum</i>	Alder Flycatcher			G5	S2B
<i>Euphagus cyanocephalus</i>	Brewer's Blackbird			G5	SHB,S1N
<i>Falco peregrinus</i>	Peregrine Falcon		SSC	G4	S2B
<i>Gallinula galeata</i>	Common gallinule		SE	G5	S3B
<i>Haliaeetus leucocephalus</i>	bald eagle			G5	S3
<i>Ixobrychus exilis</i>	Least Bittern		SE	G3G4	S3B
<i>Lanius ludovicianus</i>	loggerhead shrike		SE	G4	S2B
<i>Mniotilta varia</i>	Black-and-white Warbler		SSC	G5	S1S2B
<i>Nycticorax nycticorax</i>	Black-crowned Night-heron		SE	G5	S1B
<i>Pandion haliaetus</i>	Osprey		SSC	G5	S1B
<i>Rallus elegans</i>	King Rail		SE	G4	S1B
<i>Rallus limicola</i>	Virginia Rail		SE	G5	S3B
<i>Setophaga cerulea</i>	Cerulean Warbler		SE	G4	S3B
<i>Setophaga citrina</i>	Hooded Warbler		SSC	G5	S3B
<i>Sturnella neglecta</i>	Western Meadowlark		SSC	G5	S2B
<i>Wilsonia canadensis</i>	Canada Warbler			G5	S2B

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ITR Concession Company, LLC - Water Quality Characterization Report 2025  
 Appendix A Endangered, Threatened and Rare Species List per County

Page 5 of 9  
 03/25/2024

**Indiana County Endangered, Threatened and Rare Species List**  
**County: La Porte**



Species Name	Common Name	FED	STATE	GRANK	SRANK
<i>Xanthocephalus xanthocephalus</i>	Yellow-headed Blackbird		SE	G5	S1B
<b>Mammal</b>					
<i>Condylura cristata</i>	star-nosed mole		SSC	G5	S2?
<i>Lasiurus borealis</i>	red bat		SSC	G3G4	S4
<i>Mustela nivalis</i>	least weasel		SSC	G5	S2?
<i>Myotis lucifugus</i>	little brown myotis	C	SE	G3G4	S2
<i>Myotis septentrionalis</i>	northern long-eared myotis	E	SE	G2G3	S2S3
<i>Myotis sodalis</i>	Indiana myotis	E	SE	G2	S1
<i>Poliocitellus franklinii</i>	Franklin's ground squirrel		SE	G5	S2
<i>Taxidea taxus</i>	badger		SSC	G5	S2
<b>Vascular Plant</b>					
<i>Actaea rubra</i> ssp. <i>rubra</i>	red baneberry		SE	G5T5	S1?
<i>Adlumia fungosa</i>	climbing fumatory		SX	G4	SX
<i>Andromeda glaucophylla</i>	bog rosemary		ST	G5T5	S2
<i>Anticlea elegans</i> var. <i>glaucus</i>	white camas		ST	G5T4T5	S3
<i>Aralia hispida</i>	bristly sarsaparilla		SE	G5	S1
<i>Arctostaphylos uva-ursi</i>	bearberry		ST	G5	S3
<i>Aristida tuberculosa</i>	seabeach needlegrass		ST	G4	S3
<i>Betula papyrifera</i>	paper birch		ST	G5	S3
<i>Bidens beckii</i>	Beck's water-marigold		SE	G5	S1
<i>Botrychium matricariifolium</i>	chamomile grape-fern		ST	G5	S3
<i>Brachyelytrum aristosum</i>	northern shorthusk		SE	G5	S1
<i>Calla palustris</i>	wild calla		SE	G5	S1
<i>Capnoides sempervirens</i>	pale corydalis		SE	G5	S1
<i>Carex arctata</i>	black sedge		ST	G5	S1
<i>Carex atherodes</i>	awned sedge		SE	G5	S2S3
<i>Carex atlantica</i> ssp. <i>atlantica</i>	Atlantic sedge		SE	G5T5	S2
<i>Carex atlantica</i> ssp. <i>capillacea</i>	Howe's sedge		SE	G5T5?	S1
<i>Carex aurea</i>	golden-fruited sedge		ST	G5	S3
<i>Carex brunnescens</i>	brownish sedge		ST	G5	S2
<i>Carex chordorrhiza</i>	creeping sedge		SE	G5	S1
<i>Carex echinata</i> ssp. <i>echinata</i>	little prickly sedge		SE	G5T5	S1
<i>Carex flava</i>	yellow sedge		ST	G5	S2
<i>Carex folliculata</i>	long sedge		ST	G5	S3
<i>Carex leptoneura</i>	finely-nerved sedge		SE	G5	S1
<i>Carex limosa</i>	mud sedge		SE	G5	S1
<i>Carex projecta</i>	necklace sedge		SE	G5	SU
<i>Carex scabrata</i>	rough sedge		SE	G5	S1
<i>Carex seorsa</i>	weak stellate sedge		ST	G5	S3
<i>Carex straminea</i>	straw sedge		ST	G5	S2

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 Appendix A Endangered, Threatened and Rare Species List per County

Page 6 of 9  
 03/25/2024

**Indiana County Endangered, Threatened and Rare Species List**  
**County: La Porte**



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<i>Chimaphila umbellata</i> ssp. <i>cisatlantica</i>	pipsissewa		SE	G5T5	S1
<i>Chrysosplenium americanum</i>	American golden-saxifrage		ST	G5	S2
<i>Circaea alpina</i>	small enchanter's nightshade		SX	G5	SX
<i>Cirsium pitcheri</i>	dune thistle	T	SE	G3	S1
<i>Clinopodium arkansanum</i>	calamint		ST	G5	S2
<i>Conioselinum chinense</i>	hemlock parsley		SE	G5	S1
<i>Coptis trifolia</i> var. <i>groenlandica</i>	goldthread		ST	G5T5	S3
<i>Cornus rugosa</i>	roundleaf dogwood		ST	G5	S3
<i>Cyperus dentatus</i>	toothed sedge		SE	G4	S1
<i>Cypripedium acaule</i>	pink lady's-slipper		SE	G5	S1
<i>Cypripedium candidum</i>	small white lady's-slipper		ST	G4	S3
<i>Cypripedium parviflorum</i> var. <i>makasin</i>	small yellow lady's-slipper		ST	G5T4T5	S3
<i>Cypripedium reginae</i>	showy lady's-slipper		ST	G4G5	S3
<i>Dendrolycopodium hickeyi</i>	Hickey's clubmoss		ST	G5	S3
<i>Deschampsia cespitosa</i>	tufted hairgrass		ST	G5	S3
<i>Dichanthelium boreale</i>	northern witchgrass		ST	G5	S3
<i>Dichanthelium commonsianum</i>	Commons' panic-grass		SE	GNR	SU
<i>Dichanthelium leibergii</i>	Leiberg's witchgrass		ST	G4	S2
<i>Diphasiastrum tristachyum</i>	deep-root clubmoss		ST	G5	S2
<i>Drosera intermedia</i>	spoon-leaved sundew		ST	G5	S3
<i>Dryopteris celsa</i>	log fern		SE	G4	S1
<i>Dryopteris clintoniana</i>	Clinton's woodfern		SE	G5	S1
<i>Eleocharis melanocarpa</i>	black-fruited spike-rush		ST	G4	S2
<i>Epigaea repens</i>	trailing arbutus		ST	G5	S3
<i>Equisetum sylvaticum</i>	woodland horsetail		SE	G5	S1
<i>Equisetum variegatum</i> var. <i>variegatum</i>	variegated horsetail		SE	G5T5	S1
<i>Eriocaulon aquaticum</i>	pipewort		SE	G5	S1
<i>Eriophorum angustifolium</i> ssp. <i>angustifolium</i>	narrow-leaved cotton-grass		ST	G5T5	S3
<i>Eriophorum gracile</i> var. <i>gracile</i>	slender cotton-grass		ST	G5T5	S2
<i>Eriophorum tenellum</i>	rough cotton-grass		SE	G5	S1
<i>Eriophorum vaginatum</i>	dense cotton-grass		SX	G5	SX
<i>Eriophorum viridicarinatum</i>	green-keeled cotton-grass		ST	G5	S3
<i>Fallopia cilinodis</i>	fringed black bindweed		SX	G5	SX
<i>Fragaria vesca</i> var. <i>americana</i>	woodland strawberry		SE	G5T5	S1
<i>Gentiana puberulenta</i>	downy gentian		SE	G4G5	S1
<i>Geranium robertianum</i>	herb-Robert		ST	G5	S3
<i>Hypericum pyramidatum</i>	great St. John's-wort		ST	G4T4	S2
<i>Ilex mucronata</i>	mountain holly		ST	G5	S3
<i>Juglans cinerea</i>	butternut		ST	G3	S2
<i>Juncus articulatus</i>	jointed rush		ST	G5	S1

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 Appendix A Endangered, Threatened and Rare Species List per County

Page 7 of 9  
 03/25/2024

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Juncus pelocarpus	brown-fruited rush		SE	G5	S1
Juncus scirpoides	scirpus-like rush		ST	G5	S2
Juniperus communis var. depressa	ground juniper		ST	G5T5	S3
Larix laricina	tamarack		ST	G5	S2
Lathyrus japonicus	beach peavine		SE	G5	S1
Lathyrus venosus	smooth veiny pea		SE	G5	S1
Lemna gibba	inflated duckweed		SE	G4G5	S1
Lemna valdiviana	pale duckweed		SE	G5	S1
Lonicera canadensis	American fly-honeysuckle		SE	G5	S1
Luzula acuminata var. acuminata	hairy woodrush		SE	G5T5	S1
Lycopodiella inundata	northern bog clubmoss		SE	G5	S1
Malaxis unifolia	green adder's-mouth		SE	G5	S1
Matteuccia struthiopteris	ostrich fern		ST	G5	S3
Melampyrum lineare	American cow-wheat		SE	G5	S1
Milium effusum	tall millet-grass		ST	G5	S1
Minuartia michauxii var. michauxii	Michaux's stitchwort		ST	G5T5	S2
Myosotis laxa	smaller forget-me-not		ST	G5	S2
Myriophyllum pinnatum	cutleaf water-milfoil		SE	G5	S1
Myriophyllum tenellum	slender water-milfoil		SE	G5	S1
Najas gracillima	thread-like naiad		ST	G5?	S3
Oenothera perennis	small sundrops		ST	G5	S3
Orthilia secunda	one-sided wintergreen		SX	G5	SX
Oryzopsis asperifolia	white-grained mountain-ricegrass		SE	G5	S1
Panicum verrucosum	warty panic-grass		ST	G4	S2
Persicaria careyi	Carey's smartweed		ST	G4	S2
Pinus banksiana	jack pine		ST	G5	S3
Pinus strobus	eastern white pine		ST	G5	S3
Piptatheropsis pungens	slender mountain-ricegrass		SE	G5	S1
Piptochaetium avenaceum	blackseed needlegrass		ST	G5	S3
Platanthera aquilonis	leafy northern green orchid		ST	G5	S2
Platanthera ciliaris	yellow-fringe orchid		SE	G5	S1
Platanthera leucophaea	eastern prairie white-fringed orchid	T	SE	G2G3	S1
Platanthera psycodes	small purple-fringe orchid		ST	G5	S3
Poa paludigena	bog bluegrass		ST	G3G4	S3
Polygonum articulatum	eastern jointweed		ST	G5	S3
Polytaenia nuttallii	prairie parsley		SE	G5	S1
Potamogeton epihydus	Nuttall pondweed		SE	G5	S1
Potamogeton friesii	Fries' pondweed		SE	G5	S1
Potamogeton praelongus	white-stem pondweed		ST	G5	S1

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Page 8 of 9  
 03/25/2024

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Potamogeton pulcher	spotted pondweed		ST	G5	S2
Potamogeton robbinsii	flatleaf pondweed		ST	G5	S3
Potamogeton strictifolius	straight-leaf pondweed		ST	G5	S2
Potamogeton vaseyi	Vasey's pondweed		SE	G4	S1
Potentilla anserina	silverweed		ST	G5	S2
Prenanthes aspera	rough rattlesnake-root		ST	G4?	S3
Prunus pensylvanica	fire cherry		ST	G5	S3
Pyrola americana	American wintergreen		ST	G5	S2
Ranunculus ambigens	water-plantain spearwort		SE	G4	S1
Rhexia mariana var. mariana	Maryland meadow beauty		ST	G5T5	S1
Rhynchospora recognita	globe beaked-rush		SE	G5?	S1
Rhynchospora scirpoides	long-beaked baldrush		ST	G4	S3
Scheuchzeria palustris ssp. americana	American scheuchzeria		SE	G5T5	S1
Silene regia	royal catchfly		SE	G3	S1
Sisyrinchium montanum	strict blue-eyed-grass		SE	G5	S1
Solidago simplex var. gillmanii	sticky goldenrod		ST	G5T3?	S2
Sorbus decora	northern mountain-ash		SX	G5	SX
Sparganium androcladum	branching bur-reed		ST	G4G5	S2
Spiranthes arcisepala	Appalachian ladies'-tresses		SE	GNR	S2
Spiranthes lucida	shining ladies'-tresses		ST	G4	S3
Styrax americanus	American snowbell		ST	G5	S3
Symphotrichum boreale	rushlike aster		ST	G5	S2
Symphotrichum sericeum	western silvery aster		ST	G5	S2
Triglochin palustris	marsh arrow-grass		ST	G5	S2
Utricularia geminiscapa	hidden-fruited bladderwort		SE	G4G5	S1
Utricularia minor	lesser bladderwort		ST	G5	S1
Utricularia purpurea	purple bladderwort		ST	G5	S3
Utricularia subulata	zigzag bladderwort		ST	G5	S2
Vaccinium oxycoccos	small cranberry		ST	G5	S2
Valeriana edulis var. ciliata	hairy valerian		SE	G5T3	S1
Valeriana uliginosa	marsh valerian		SE	G4	S1
Viburnum opulus var. americanum	highbush-cranberry		SE	G5T5	S1
Viola primulifolia	primrose-leaf violet		ST	G5	S3
Wolffiella gladiata	sword bogmat		ST	G4G5	S2S3
Xyris difformis	Carolina yellow-eyed grass		ST	G5	S2
<b>High Quality Natural Community</b>					
Forest - flatwoods boreal	Boreal Flatwoods		SG	G2?	S2
Forest - floodplain wet-mesic	Wet-mesic Floodplain Forest		SG	G3?	S3
Forest - upland dry Northwestern Morainal	Northwestern Morainal Dry Upland Forest		SG	GNR	S1

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Page 9 of 9  
 03/25/2024

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Forest - upland dry-mesic Grand Prairie	Grand Prairie Dry-mesic Upland Forest		SG	GNR	S1
Forest - upland dry-mesic Northwestern Morainal	Northwestern Morainal Dry-mesic Upland Forest		SG	GNR	S1
Forest - upland mesic Grand Prairie	Grand Prairie Mesic Upland Forest		SG	GNR	S1
Forest - upland mesic Northwestern Morainal	Northwestern Morainal Mesic Upland Forest		SG	GNR	S1
Lake - lake	Lake		SG	GNR	S2
Prairie - dry-mesic	Dry-mesic Prairie		SG	G3	S2
Prairie - mesic	Mesic Prairie		SG	G2	S2
Prairie - sand dry	Dry Sand Prairie		SG	G3	S2
Prairie - sand dry-mesic	Dry-mesic Sand Prairie		SG	G3	S3
Prairie - sand wet-mesic	Wet-mesic Sand Prairie		SG	G1?	S2
Prairie - wet	Wet Prairie		SG	G3	S1
Wetland - bog acid	Acid Bog		SG	G3	S2
Wetland - bog circumneutral	Circumneutral Bog		SG	G3	S3
Wetland - fen	Fen		SG	G3	S3
Wetland - fen forested	Forested Fen		SG	G3	S1
Wetland - marsh	Marsh		SG	GU	S4
Wetland - meadow sedge	Sedge Meadow		SG	G3?	S1
Wetland - seep circumneutral	Circumneutral Seep		SG	GU	S1
Wetland - swamp shrub	Shrub Swamp		SG	GU	S2
<b>Other Significant Feature</b>					
Migratory Bird Concentration Area			SG	G3	SNR
Raptor Winter Concentration Area			SG	GNR	SNR
Shorebird Migratory Concentration Area			SG	GNR	SNR

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Page 1 of 10  
 03/25/2024

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<b>Mollusk: Bivalvia (Mussels)</b>					
Alasmodonta viridis	slippershell mussel		SSC	G4G5	S3
Euryntia dilatata	spike		SSC	G5	S4
Plethobasus cyphus	sheepnose	E	SE	G2G3	S1
Villosa iris	rainbow		SSC	GNR	S3
<b>Insect: Coleoptera (Beetles)</b>					
Nicrophorus americanus	American Burying Beetle	E	SX	G3	SX
<b>Insect: Diptera</b>					
Mydas tibialis	Golden Legged Mydas Fly		ST	GNR	S1S2
<b>Insect: Homoptera</b>					
Bruchomorpha dorsata	dorsal-striped elephant hopper		SR	GNR	S2
Bruchomorpha oculata	eyed elephant hopper		SR	GNR	SNR
Chlorotettix fallax	Deceptive Chlorotettix Leafhopper		SR	GNR	S1S2
Cosmotettix bilineatus	Two-lined cosmotettix		SR	GNR	S1S2
Flexamia pyrops	The Long-nose Three-awn Leafhopper		ST	GNR	S1
Flexamia reflexus	Indiangrass Flexamia		SR	GNR	S1S2
Graminella mohri	Mohr's Switchgrass Leafhopper		SE	GNR	S1
Mesamia straminea	Helianthus Leafhopper		SE	GNR	S1
Philaenarcys killa	Great Lakes dune spittlebug		SR	GNR	S2S3
Polyamia caperata	Little Bluestem Polyamia		SR	GNR	S2
Polyamia herbida	The Prairie Panic Grass Leafhopper		ST	GNR	S2
Prairiana kansana	The Kansas Prairie Leafhopper		SE	GNR	S1
Prosapia ignipectus	Red-legged Spittle Bug		SR	G4	S2
<b>Insect: Lepidoptera (Butterflies &amp; Moths)</b>					
Aethes patricia	Patricia's Cochlylid moth		ST	G3G4	S2S3
Agrotis stigmata	Spotted Dart Moth		ST	G4	S1S2
Ancylis semiovana	New Jersey tea leaf-tier		SR	GNR	S2S3
Apamea burgessi	Burgess' Apamea		ST	G4	S1
Apamea indocilis	spastic apamea		ST	G5	S1S3
Apamea lutosa	opalescent apamea		SE	G4	S1
Apamea nigrior	black-dashed apamea		ST	G5	S2
Apamea relicina	relic dune apamea		SE	G4	S1
Atrytonopsis hianna	Dusted Skipper		SR	G4G5	S2S3
Boloria myrina myrina	Myrina Fritillary		SR	G5?T5	S2S3
Boloria myrina nebraskensis	Nebraska fritillary		SE	G5?T3T4	S1S2
Callophrys irus	Frosted Elfin	C	SE	G3	S1S2
Callophrys polios	Hoary Elfin		SE	G5	S1

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ITR Concession Company, LLC - Water Quality Characterization Report 2025  
 Appendix A Endangered, Threatened and Rare Species List per County

Page 2 of 10  
 03/25/2024

**Indiana County Endangered, Threatened and Rare Species List**  
**County: Porter**



Species Name	Common Name	FED	STATE	GRANK	SRANK
Capis curvata	curved halter moth		ST	G5	S3S4
Caradrina meralis	rare sand Quaker		ST	G5	S2
Caradrina multifera	dune rustic		ST	GNR	S1S2
Carectocultus perstrialis	reed-boring crambid		SR	GNR	S1
Catocala gracilis	graceful underwing		SR	G5	S2S3
Catocala praeclara	Praeclara underwing		SR	G5	S3S4
Chrysanympha formosa	huckleberry looper		ST	G5	S1S2
Coenochroa bipunctella	sand dune panic grass moth		SR	GNR	S2S3
Coenochroa illibella	dune panic grass moth		SR	GNR	S2S3
Crambus bidens	forked grass-veneer moth		SR	GNR	S2S3
Crambus girardellus	orange-striped sedge moth		SR	GNR	S2S3
Cycnia collaris	unexpected tiger moth		ST	G4	S2S3
Dargida rubripennis	buff-edge Quaker		ST	G3G4	S1S2
Dichagyris acclivis	buff-edge Quaker		ST	G4G5	S2
Digrammia eremiata	Goat's rue looper		SR	G4	S2S3
Erynnis persius persius	Persius Duskywing		SE	G5T1T3	S1
Eubaphe meridiana	little beggar moth		SR	G4	S2
Euchloe olympia	Olympia Marble		SR	G5	S2S3
Eucoptocnemis fimbriaris	fringed dart		ST	G4	S2
Eucosma ornata	ornate eucosma		SR	GNR	S2
Euphyes bimacula	Two-spotted Skipper		ST	G4	S1S2
Euxoa albipennis	white-striped dart		SE	G4G5	S1S2
Euxoa aurulenta	dune cutworm		SE	G5	S1
Fagitana littera	marsh fern moth		ST	G4	S1S2
Feltia manifesta	record keeper		SR	G4	S3S4
Grammia anna	Anna's tiger moth		SR	G4	S3S4
Grammia figurata	figured grammia		SR	G5	S3
Grammia virguncula	little virgin tiger moth		SR	G5	S1S2
Hadena capsularis	starry champion capsule moth		SR	G5	S2
Hadena ectypa	starry champion moth		ST	G3G4	S1S2
Hemaris gracilis	blueberry clearwing sphinx		ST	G3G4	S1S2
Hesperia leonardus	Leonard's Skipper		SR	G4	S2S3
Lethe appalachia leeuwi	Appalachian Eyed Brown		ST	G5T4	S2
Lethe eurydice fumosus	Smoky-eyed Brown		SE	G5T3T4	S1
Leucania amygdalina	salt marsh wainscot		SR	GNR	S2
Leucania inermis	unarmed wainscot		ST	G5	S2
Lycaeides melissa samuelis	Karner Blue	E	SX	G1G2	SX
Lycaena helloides	Purplish Copper		SR	G5	S2S3
Macalla zelleri	Zeller's epipaschia		SR	GNR	S4
Macrochilo louisiana	Louisiana macrochilo		SR	G4	S3S4

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ITR Concession Company, LLC - Water Quality Characterization Report 2025  
 Appendix A Endangered, Threatened and Rare Species List per County

Page 3 of 10  
 03/25/2024

**Indiana County Endangered, Threatened and Rare Species List**  
**County: Porter**



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Melanchra assimilis	black arches		SE	G5	S1S2
Meropleon ambifusca	Newman's brocade		ST	G4G5	S2
Meropleon diversicolor	multicolored brocade		ST	G5	S2
Nola cilicoides	blurry-patched nola moth		SR	G5	S3
Nola pustulata	sharp-blotched nola		SR	G4	S3
Odontosia elegans	elegant prominent		SR	G5	S2S3
Oligia obtusa	obtuse sedge borer		SE	G4	S1
Paectes abrostolella	barrens paectes		ST	G4	S2
Papaipema cerina	golden borer moth		ST	G3	S1
Papaipema leucostigma	columbine borer moth		ST	G4G5	S1S2
Papaipema lysimachiae	St. John's wort borer moth		ST	G4G5	S2
Papaipema maritima	giant sunflower borer moth		ST	G3?	S2S3
Papaipema silphii	Silphium Borer Moth		ST	G3G4	S2
Papaipema speciosissima	royal fern borer moth		ST	G3G4	S3S4
Parasa indetermina	stinging rose caterpillar moth		SR	G4	S3S4
Peoria gemmatella	gemmed cordgrass borer		ST	GNR	S2S3
Peoria tetradella	four-spotted peoria		SR	GNR	S2
Phaneta striatana	striated phaneta moth		SR	G5	S4
Photodes enervata	many-lined photedes		SE	G4	S1
Photodes inops	helpless photedes		ST	G3G4	S1S2
Poanes viator viator	Big Broad-winged Skipper		ST	G5T4	S2
Polygonia progne	gray comma		SR	G5	S2S3
Problema byssus	Bunchgrass Skipper		ST	G4	S1S2
Protorthodes incincta	Saturn quaker		SR	GNR	S2
Pygarctia spraguei	Sprague's pygartic		ST	G5	S1S2
Pyla arenaeola	Wilterding's sand pyla		SE	GNR	S1
Pyrausta laticlavata	southern purple mint moth		SR	GNR	S2S3
Resapamea stipata	four-lined cordgrass borer		SE	G4	S1S2
Schinia indiana	phlox flower moth		SE	G2G4	S1
Schinia septentrionalis	northern flower moth		ST	G3G4	S2
Sciota dammersi	leadplant webworm		SE	GNR	S1
Sitochroa dasconalis	pearly wild indigo borer		ST	GNR	S1S2
Sphinx luscitiosa	luscious willow sphinx		ST	G5	S1S2
Tampa dimediatella	red-striped panic grass moth		ST	GNR	S2
Tricholita notata	noted sunflower moth		ST	G5	S1S2
Virbia opella	tawny virbia		SR	G5	S3S4
Zomaria interruptolineana	broken-lined zomaria		SR	GNR	S4
<b>Insect: Odonata (Dragonflies &amp; Damselflies)</b>					
Rhionaeschna mutata	Spatterdock Darner		ST	G4	S2S3
Sympetrum semicinctorum	Band-winged Meadowhawk		SR	G5	S2S3

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ITR Concession Company, LLC - Water Quality Characterization Report 2025  
 Appendix A Endangered, Threatened and Rare Species List per County

Page 4 of 10  
 03/25/2024

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<b>Insect: Orthoptera</b>					
<i>Chloealtis conspersa</i>	Sprinkled Locust		SR	G5	S2S3
<i>Conocephalus saltans</i>	Prairie Meadow Katydid		SR	G5	S1S2
<i>Hesperotettix viridis pratensis</i>	snakeweed grasshopper		ST	G5T5	S1S2
<i>Melanoplus viridipes viridipes</i>	green-legged spur-throat grasshopper		SR	G4	S2
<i>Neoconocephalus exiliscanorus</i>	Slightly Musical Conehead		SR	GNR	SNR
<i>Neoconocephalus nebrascensis</i>	Nebraska Conehead		SR	GNR	S1S2
<i>Orphulella pelidna</i>	Spotted-wing Grasshopper		SE	G5	S1
<i>Pseudopomala brachyptera</i>	Bunch Grass Locust		ST	G5	S1
<i>Psinidia fenestralis</i>	Sand Locust		SR	G5	S2
<i>Trimerotropis maritima</i>	Seaside Grasshopper		ST	G5	S1S2
<b>Arachnida</b>					
<i>Emblyna evicta</i>	a meshweaver spider		SE	GNR	S1
<i>Mimetus nelsoni</i>	Nelson's pirate spider		SE	GNR	S1
<i>Scironis tarsalis</i>	Tarsal sheet-web weaver		SE	G5	S1
<b>Fish</b>					
<i>Acipenser fulvescens</i>	Lake Sturgeon		SE	G3G4	S1
<i>Rhinichthys cataractae</i>	Longnose Dace		SSC	G5	S2
<b>Amphibian</b>					
<i>Ambystoma laterale</i>	blue-spotted salamander		SSC	G5	S2
<i>Hemidactylium scutatum</i>	four-toed salamander		SSC	G5	S3
<i>Necturus maculosus</i>	common mudpuppy		SSC	G5	S3
<b>Reptile</b>					
<i>Clemmys guttata</i>	spotted turtle	C	SE	G5	S2
<i>Clonophis kirtlandii</i>	Kirtland's snake		SE	G2	S3
<i>Emydoidea blandingii</i>	Blanding's turtle	C	SE	G4	S2
<i>Kinosternon subrubrum subrubrum</i>	eastern mud turtle		SE	G5T5	S1
<i>Opheodrys vernalis</i>	smooth green snake		SE	G5	S2
<i>Sistrurus catenatus</i>	eastern massasauga	T	SE	G3	S2
<i>Terrapene carolina carolina</i>	woodland box turtle		SSC	G5T5	S3
<i>Thamnophis butleri</i>	Butler's garter snake		SE	G4	S1
<i>Thamnophis proximus proximus</i>	western ribbon snake		SSC	G5T5	S3
<b>Bird</b>					
<i>Ardea alba</i>	Great Egret		SSC	G5	S1B
<i>Asio otus</i>	long-eared owl		SSC	G5	S2
<i>Bartramia longicauda</i>	Upland Sandpiper		SE	G5	S3B
<i>Botaurus lentiginosus</i>	American Bittern		SE	G5	S2B
<i>Buteo platypterus</i>	Broad-winged Hawk		SSC	G5	S3B

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Page 5 of 10  
 03/25/2024

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<i>Centronyx henslowii</i>	Henslow's sparrow		SE	G4	S3B
<i>Circus hudsonius</i>	Northern Harrier		SE	G5	S2
<i>Cistothorus palustris</i>	marsh wren		SE	G5	S3B
<i>Cistothorus platensis</i>	sedge wren		SE	G5	S3B
<i>Dendroica virens</i>	Black-throated Green Warbler			G5	S2B
<i>Empidonax alnorum</i>	Alder Flycatcher			G5	S2B
<i>Falco peregrinus</i>	Peregrine Falcon		SSC	G4	S2B
<i>Gallinula galeata</i>	Common gallinule		SE	G5	S3B
<i>Haliaeetus leucocephalus</i>	bald eagle			G5	S3
<i>Ixobrychus exilis</i>	Least Bittern		SE	G3G4	S3B
<i>Lanius ludovicianus</i>	loggerhead shrike		SE	G4	S2B
<i>Mniotilta varia</i>	Black-and-white Warbler		SSC	G5	S1S2B
<i>Nycticorax nycticorax</i>	Black-crowned Night-heron		SE	G5	S1B
<i>Rallus elegans</i>	King Rail		SE	G4	S1B
<i>Rallus limicola</i>	Virginia Rail		SE	G5	S3B
<i>Setophaga cerulea</i>	Cerulean Warbler		SE	G4	S3B
<i>Setophaga citrina</i>	Hooded Warbler		SSC	G5	S3B
<i>Sturnella neglecta</i>	Western Meadowlark		SSC	G5	S2B
<i>Vermivora chrysoptera</i>	Golden-winged Warbler	C	SE	G4	S1B
<i>Wilsonia canadensis</i>	Canada Warbler			G5	S2B
<b>Mammal</b>					
<i>Lasiurus borealis</i>	red bat		SSC	G3G4	S4
<i>Lasiurus cinereus</i>	hoary bat		SSC	G3G4	S4
<i>Mustela nivalis</i>	least weasel		SSC	G5	S2?
<i>Myotis lucifugus</i>	little brown myotis	C	SE	G3G4	S2
<i>Myotis septentrionalis</i>	northern long-eared myotis	E	SE	G2G3	S2S3
<i>Myotis sodalis</i>	Indiana myotis	E	SE	G2	S1
<i>Perimyotis subflavus</i>	tri-colored bat		SE	G3G4	S2S3
<i>Poliocitellus franklinii</i>	Franklin's ground squirrel		SE	G5	S2
<i>Taxidea taxus</i>	badger		SSC	G5	S2
<b>Vascular Plant</b>					
<i>Actaea rubra</i> ssp. <i>rubra</i>	red baneberry		SE	G5T5	S1?
<i>Amelanchier humilis</i>	running serviceberry		SE	G5	S1
<i>Aralia hispida</i>	bristly sarsaparilla		SE	G5	S1
<i>Arctostaphylos uva-ursi</i>	bearberry		ST	G5	S3
<i>Aristida tuberculosa</i>	seabeach needlegrass		ST	G4	S3
<i>Bidens beckii</i>	Beck's water-marigold		SE	G5	S1
<i>Botrychium matricariifolium</i>	chamomile grape-fern		ST	G5	S3
<i>Botrychium simplex</i>	least grape-fern		SE	G5	S1
<i>Brachyelytrum aristosum</i>	northern shorthusk		SE	G5	S1

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Page 6 of 10  
 03/25/2024

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Buchnera americana	bluehearts		SE	G5?	S1
Carex alopecoidea	foxtail sedge		SE	G5	S1
Carex atherodes	awned sedge		SE	G5	S2S3
Carex atlantica ssp. atlantica	Atlantic sedge		SE	G5T5	S2
Carex atlantica ssp. capillacea	Howe's sedge		SE	G5T5?	S1
Carex aurea	golden-fruited sedge		ST	G5	S3
Carex brunnescens	brownish sedge		ST	G5	S2
Carex castanea	chestnut colored sedge		SE	G5	S1
Carex conoidea	prairie gray sedge		ST	G5	S2
Carex eburnea	ebony sedge		ST	G5	S3
Carex echinata ssp. echinata	little prickly sedge		SE	G5T5	S1
Carex flava	yellow sedge		ST	G5	S2
Carex folliculata	long sedge		ST	G5	S3
Carex garberi	elk sedge		SE	G5	S1
Carex leptonervia	finely-nerved sedge		SE	G5	S1
Carex limosa	mud sedge		SE	G5	S1
Carex projecta	necklace sedge		SE	G5	SU
Carex scorsa	weak stellate sedge		ST	G5	S3
Chimaphila umbellata ssp. cisatlantica	pipsissewa		SE	G5T5	S1
Chrysosplenium americanum	American golden-saxifrage		ST	G5	S2
Circaea alpina	small enchanter's nightshade		SX	G5	SX
Cirsium hillii	Hill's thistle		SE	G3	S1
Cirsium pitcheri	dune thistle	T	SE	G3	S1
Clintonia borealis	Clinton's lily		SE	G5	S1
Cornus amomum ssp. amomum	silky dogwood		SE	G5	S1
Cornus canadensis	bunchberry		SE	G5	S1
Cornus rugosa	roundleaf dogwood		ST	G5	S3
Cyperus houghtonii	Houghton's nutsedge		SE	G4?	S2
Cyripedium acaule	pink lady's-slipper		SE	G5	S1
Cyripedium candidum	small white lady's-slipper		ST	G4	S3
Cyripedium parviflorum var. makasin	small yellow lady's-slipper		ST	G5T4T5	S3
Dactylorhiza viridis	long-bract green orchid		SE	G5	S1
Danthonia compressa	flattened oatgrass		SE	G5	SU
Dendrolycopodium hickeyi	Hickey's clubmoss		ST	G5	S3
Dichanthelium boreale	northern witchgrass		ST	G5	S3
Dichanthelium commonsianum	Commons' panic-grass		SE	GNR	SU
Dichanthelium leibergii	Leiberg's witchgrass		ST	G4	S2
Dichanthelium lucidum	shining panic-grass		SE	G4	S1
Dichanthelium mattamuskeetense	panic-grass		SX	G4?	SX
Didiplis diandra	water-purslane		SE	G3G4	S1

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Page 7 of 10  
 03/25/2024

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Diphasiastrum tristachyum	deep-root clubmoss		ST	G5	S2
Drosera intermedia	spoon-leaved sundew		ST	G5	S3
Dryopteris clintoniana	Clinton's woodfern		SE	G5	S1
Eleocharis atropurpurea	purple spikerush		SE	G4G5	S1
Eleocharis geniculata	capitate spike-rush		ST	G5	S2
Eleocharis melanocarpa	black-fruited spike-rush		ST	G4	S2
Eleocharis microcarpa	small-fruited spike-rush		SE	G5	S1
Eleocharis robbinsii	Robbins' spike-rush		ST	G4G5	S2
Epigaea repens	trailing arbutus		ST	G5	S3
Eriocaulon aquaticum	pipewort		SE	G5	S1
Eriophorum angustifolium ssp. angustifolium	narrow-leaved cotton-grass		ST	G5T5	S3
Euphorbia polygonifolia	seaside spurge		ST	G5?	S2
Eurybia furcata	forked aster		ST	G3	S3
Fimbristylis puberula	Carolina fimbry		SE	G5	S1
Fuirena pumila	dwarf umbrella-sedge		ST	G4	S2
Galium labradoricum	bog bedstraw		ST	G5	S2
Gentiana alba	yellow gentian		ST	G4	S3
Gentiana puberulenta	downy gentian		SE	G4G5	S1
Geranium bicknellii	Bicknell's northern cranesbill		SE	G5	S1
Glyceria grandis	American manna-grass		SE	G5	S1
Hudsonia tomentosa	sand-heather		ST	G5	S2
Hypericum adpressum	creeping St. John's-wort		ST	G3	S2
Hypericum pyramdatum	great St. John's-wort		ST	G4T4	S2
Hypericum swinkianum	Swink's St. John's-wort		SE	GNR	SU
Juglans cinerea	butternut		ST	G3	S2
Juncus articulatus	jointed rush		ST	G5	S1
Juncus militaris	bayonet rush		SE	G5	S1
Juncus pelocarpus	brown-fruited rush		SE	G5	S1
Juncus scirpoides	scirpus-like rush		ST	G5	S2
Juniperus communis var. depressa	ground juniper		ST	G5T5	S3
Juniperus horizontalis	creeping juniper		SRE	G5	SX
Lactuca hirsuta	hairy lettuce		ST	G5?	S2?
Larix laricina	tamarack		ST	G5	S2
Lathyrus japonicus	beach peavine		SE	G5	S1
Lathyrus ochroleucus	pale vetchling peavine		SE	G5	S1
Lathyrus venosus	smooth veiny pea		SE	G5	S1
Lechea stricta	upright pinweed		SX	G3G4	SX
Lemna minuta	least duckweed		SE	G4	S1
Lemna valdiviana	pale duckweed		SE	G5	S1
Linnaea borealis	twinflower		SX	G5	SX

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ITR Concession Company, LLC - Water Quality Characterization Report 2025  
 Appendix A Endangered, Threatened and Rare Species List per County

Page 8 of 10  
 03/25/2024

**Indiana County Endangered, Threatened and Rare Species List**  
**County: Porter**



Species Name	Common Name	FED	STATE	GRANK	SRANK
<i>Lipocarpa drummondii</i>	Drummond's hemicarpha		SE	G4G5	S1
<i>Ludwigia sphaerocarpa</i>	globe-fruited false-loosestrife		SE	G5	S1
<i>Lycopodiella inundata</i>	northern bog clubmoss		SE	G5	S1
<i>Lycopodiella subappressa</i>	northern appressed bog clubmoss		SE	G2	S1
<i>Melampyrum lineare</i>	American cow-wheat		SE	G5	S1
<i>Mikania scandens</i>	climbing hempweed		SE	G5	S1
<i>Milium effusum</i>	tall millet-grass		ST	G5	S1
<i>Minuartia michauxii</i> var. <i>michauxii</i>	Michaux's stitchwort		ST	G5T5	S2
<i>Myosotis laxa</i>	smaller forget-me-not		ST	G5	S2
<i>Myriophyllum pinnatum</i>	cutleaf water-milfoil		SE	G5	S1
<i>Myriophyllum verticillatum</i>	whorled water-milfoil		ST	G5	S3
<i>Najas gracillima</i>	thread-like naiad		ST	G5?	S3
<i>Oligoneuron album</i>	prairie goldenrod		ST	G5	S3
<i>Orobanche fasciculata</i>	clustered broomrape		SE	G4G5	S1
<i>Orthilia secunda</i>	one-sided wintergreen		SX	G5	SX
<i>Oryzopsis asperifolia</i>	white-grained mountain-ricegrass		SE	G5	S1
<i>Panicum verrucosum</i>	warty panic-grass		ST	G4	S2
<i>Patis racemosa</i>	black-fruit mountain-ricegrass		ST	G5	S3
<i>Perideridia americana</i>	eastern eulophus		SE	G4	S1
<i>Persicaria careyi</i>	Carey's smartweed		ST	G4	S2
<i>Persicaria opelousana</i>	northeastern smartweed		ST	G5TNRQ	S2
<i>Persicaria robustior</i>	stout smartweed		SE	G4G5	SU
<i>Phemeranthus rugospermus</i>	prairie fame-flower		SE	G3G4	S1
<i>Pinus banksiana</i>	jack pine		ST	G5	S3
<i>Pinus strobus</i>	eastern white pine		ST	G5	S3
<i>Piptatheropsis pungens</i>	slender mountain-ricegrass		SE	G5	S1
<i>Piptochaetium avenaceum</i>	blackseed needlegrass		ST	G5	S3
<i>Plantago cordata</i>	heart-leaved plantain		SE	G4	S1
<i>Platanthera aquilonis</i>	leafy northern green orchid		ST	G5	S2
<i>Platanthera ciliaris</i>	yellow-fringe orchid		SE	G5	S1
<i>Platanthera hookeri</i>	Hooker's orchid		SX	G4	SX
<i>Platanthera psychodes</i>	small purple-fringe orchid		ST	G5	S3
<i>Poa paludigena</i>	bog bluegrass		ST	G3G4	S3
<i>Polygala paucifolia</i>	gay-wing milkwort		SE	G5	S1
<i>Polygonum articulatum</i>	eastern jointweed		ST	G5	S3
<i>Populus balsamifera</i>	balsam poplar		SE	G5	S1
<i>Potamogeton epihydus</i>	Nuttall pondweed		SE	G5	S1
<i>Potamogeton pulcher</i>	spotted pondweed		ST	G5	S2
<i>Potamogeton richardsonii</i>	redheadgrass		ST	G5	S3
<i>Potamogeton strictifolius</i>	straight-leaf pondweed		ST	G5	S2

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ITR Concession Company, LLC - Water Quality Characterization Report 2025  
 Appendix A Endangered, Threatened and Rare Species List per County

Page 9 of 10  
 03/25/2024

**Indiana County Endangered, Threatened and Rare Species List**  
**County: Porter**



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Potamogeton vaseyi	Vasey's pondweed		SE	G4	S1
Potentilla anserina	silverweed		ST	G5	S2
Prunus pensylvanica	fire cherry		ST	G5	S3
Pyrola americana	American wintergreen		ST	G5	S2
Rhexia mariana var. mariana	Maryland meadow beauty		ST	G5T5	S1
Rhus aromatica var. arenaria	beach sumac		ST	G5T3Q	S3
Rhynchospora fusca	brown beakrush		SX	G4G5	SX
Rhynchospora macrostachya	tall beaked-rush		ST	G4	S3
Rhynchospora nitens	short-beaked bald-rush		SE	G4?	S1
Rhynchospora recognita	globe beaked-rush		SE	G5?	S1
Rhynchospora scirpoides	long-beaked baldrush		ST	G4	S3
Salix cordata	heartleaf willow		SE	G4	S1
Sceptridium multifidum	leathery grape-fern		SX	G5	SX
Schoenoplectiella hallii	Hall's bulrush		SE	G3	S1
Schoenoplectiella purshiana	weakstalk bulrush		ST	G4G5	S3
Schoenoplectiella smithii	Smith's Bulrush		ST	G5?	S2
Schoenoplectus subterminalis	water bulrush		ST	G5	S3
Schoenoplectus torreyi	Torrey's Bulrush		SE	G5?	S1
Scirpus expansus	bulrush		SE	G4	S1
Scleria reticularis	reticulated nutrush		ST	G4	S2
Selaginella rupestris	ledge spike-moss		SE	G5	S1
Sisyrinchium montanum	strict blue-eyed-grass		SE	G5	S1
Solidago simplex var. gillmanii	sticky goldenrod		ST	G5T3?	S2
Sorbus decora	northern mountain-ash		SX	G5	SX
Sparganium androcladum	branching bur-reed		ST	G4G5	S2
Spiranthes arcisepala	Appalachian ladies'-tresses		SE	GNR	S2
Spiranthes lucida	shining ladies'-tresses		ST	G4	S3
Spiranthes magnicamporum	Great Plains ladies'-tresses		ST	G3G4	S2S3
Stuckenia filiformis ssp. occidentalis	slender pondweed		SE	G5T5	SU
Styrax americanus	American snowbell		ST	G5	S3
Symphotrichum boreale	rushlike aster		ST	G5	S2
Symphotrichum sericeum	western silvery aster		ST	G5	S2
Thalictrum pubescens	tall meadowrue		ST	G5	S3
Thuja occidentalis	northern white cedar		SE	G5	S1
Trillium cernuum var. macranthum	nodding trillium		SE	G5T4	S1
Utricularia cornuta	horned bladderwort		SE	G5	S1
Utricularia geminiscapa	hidden-fruited bladderwort		SE	G4G5	S1
Utricularia minor	lesser bladderwort		ST	G5	S1
Utricularia purpurea	purple bladderwort		ST	G5	S3
Utricularia subulata	zigzag bladderwort		ST	G5	S2

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ITR Concession Company, LLC - Water Quality Characterization Report 2025  
 Appendix A Endangered, Threatened and Rare Species List per County

Page 10 of 1  
 03/25/2024

**Indiana County Endangered, Threatened and Rare Species List**  
**County: Porter**



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Vaccinium oxycoccos	small cranberry		ST	G5	S2
Veratrum virginicum	Virginia bunchflower		SE	G5	S1
Viburnum opulus var. americanum	highbush-cranberry		SE	G5T5	S1
Viola primulifolia	primrose-leaf violet		ST	G5	S3
Woodwardia areolata	netted chainfern		ST	G5	S3
Xyris difformis	Carolina yellow-eyed grass		ST	G5	S2
<b>High Quality Natural Community</b>					
Forest - floodplain wet-mesic	Wet-mesic Floodplain Forest		SG	G3?	S3
Forest - upland dry Northwestern Morainal	Northwestern Morainal Dry Upland Forest		SG	GNR	S1
Forest - upland dry-mesic Northwestern Morainal	Northwestern Morainal Dry-mesic Upland Forest		SG	GNR	S1
Forest - upland mesic Northwestern Morainal	Northwestern Morainal Mesic Upland Forest		SG	GNR	S1
Lake - lake	Lake		SG	GNR	S2
Lake - pond	Pond		SG	GNR	SU
Prairie - dry-mesic	Dry-mesic Prairie		SG	G3	S2
Prairie - mesic	Mesic Prairie		SG	G2	S2
Prairie - sand dry	Dry Sand Prairie		SG	G3	S2
Prairie - sand dry-mesic	Dry-mesic Sand Prairie		SG	G3	S3
Prairie - sand wet-mesic	Wet-mesic Sand Prairie		SG	G1?	S2
Prairie - wet	Wet Prairie		SG	G3	S1
Primary - dune lake	Foredune		SG	G3	S1
Rhynchospora capitellata - Rhexia virginica - Rhynchospora scirpoides - Schoenoplectiella hallii Marsh	Inland Coastal Plain Marsh		SG	G2?	S1
Savanna - sand dry	Dry Sand Savanna		SG	G2?	S2
Savanna - sand dry-mesic	Dry-mesic Sand Savanna		SG	G2?	S2S3
Wetland - fen	Fen		SG	G3	S3
Wetland - fen forested	Forested Fen		SG	G3	S1
Wetland - marsh	Marsh		SG	GU	S4
Wetland - meadow sedge	Sedge Meadow		SG	G3?	S1
Wetland - panne	Panne		SG	G2	S1
Wetland - swamp shrub	Shrub Swamp		SG	GU	S2
<b>Other Significant Feature</b>					
Migratory Bird Concentration Area			SG	G3	SNR
Piping Plover Critical Habitat Area	Piping Plover Critical Habitat Area			GNR	SNRB
Raptor Winter Concentration Area			SG	GNR	SNR

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Page 1 of 4  
 03/25/2024

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Species Name	Common Name	FED	STATE	GRANK	SRANK
<b>Mollusk: Gastropoda</b>					
Campeloma decisum	pointed campeloma		SSC	G5	S2
Lymnaea stagnalis	swamp lymnaea		SSC	G5	S2
<b>Insect: Odonata (Dragonflies &amp; Damselflies)</b>					
Sympetrum semicinctum	Band-winged Meadowhawk		SR	G5	S2S3
<b>Fish</b>					
Moxostoma valenciennesi	Greater Redhorse		SE	G4	S2
Rhinichthys cataractae	Longnose Dace		SSC	G5	S2
<b>Amphibian</b>					
Acris blanchardi	Blanchard's cricket frog		SSC	G5	S4
Ambystoma laterale	blue-spotted salamander		SSC	G5	S2
Hemidactylium scutatum	four-toed salamander		SSC	G5	S3
<b>Reptile</b>					
Clemmys guttata	spotted turtle	C	SE	G5	S2
Clonophis kirtlandii	Kirtland's snake		SE	G2	S3
Emydoidea blandingii	Blanding's turtle	C	SE	G4	S2
Nerodia erythrogaster neglecta	copperbelly water snake	PS:LT	SE	G5T3	S2
Sistrurus catenatus	eastern massasauga	T	SE	G3	S2
Terrapene carolina carolina	woodland box turtle		SSC	G5T5	S3
<b>Bird</b>					
Accipiter striatus	Sharp-shinned Hawk		SSC	G5	S2B
Antigone canadensis	sandhill crane		SSC	G5	S2B,S1N
Bartramia longicauda	Upland Sandpiper		SE	G5	S3B
Botaurus lentiginosus	American Bittern		SE	G5	S2B
Buteo platypterus	Broad-winged Hawk		SSC	G5	S3B
Centronyx henslowii	Henslow's sparrow		SE	G4	S3B
Certhia americana	Brown Creeper			G5	S2B
Chlidonias niger	Black Tern		SE	G4G5	S1B
Chordeiles minor	Common Nighthawk		SSC	G5	S4B
Cistothorus palustris	marsh wren		SE	G5	S3B
Cistothorus platensis	sedge wren		SE	G5	S3B
Cygnus buccinator	Trumpeter Swan		SE	G4	S1B
Dendroica virens	Black-throated Green Warbler			G5	S2B
Empidonax alnorum	Alder Flycatcher			G5	S2B
Falco peregrinus	Peregrine Falcon		SSC	G4	S2B
Gallinula galeata	Common gallinule		SE	G5	S3B
Haliaeetus leucocephalus	bald eagle			G5	S3
Ixobrychus exilis	Least Bittern		SE	G3G4	S3B
Lanius ludovicianus	loggerhead shrike		SE	G4	S2B
Mniotilta varia	Black-and-white Warbler		SSC	G5	S1S2B

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Page 2 of 4  
 03/25/2024

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<i>Pandion haliaetus</i>	Osprey		SSC	G5	S1B
<i>Rallus limicola</i>	Virginia Rail		SE	G5	S3B
<i>Setophaga cerulea</i>	Cerulean Warbler		SE	G4	S3B
<i>Setophaga citrina</i>	Hooded Warbler		SSC	G5	S3B
<i>Vermivora chrysoptera</i>	Golden-winged Warbler	C	SE	G4	S1B
<b>Mammal</b>					
<i>Condylura cristata</i>	star-nosed mole		SSC	G5	S2?
<i>Lasiurus borealis</i>	red bat		SSC	G3G4	S4
<i>Lasiurus cinereus</i>	hoary bat		SSC	G3G4	S4
<i>Mustela nivalis</i>	least weasel		SSC	G5	S2?
<i>Myotis sodalis</i>	Indiana myotis	E	SE	G2	S1
<i>Poliocitellus franklinii</i>	Franklin's ground squirrel		SE	G5	S2
<i>Taxidea taxus</i>	badger		SSC	G5	S2
<b>Vascular Plant</b>					
<i>Actaea rubra</i> ssp. <i>rubra</i>	red baneberry		SE	G5T5	S1?
<i>Amelanchier humilis</i>	running serviceberry		SE	G5	S1
<i>Boechea stricta</i>	Drummond's rockcress		SE	GNR	S1
<i>Borodinia missouriensis</i>	green rockcress		SE	G5	S1
<i>Botrychium matricariifolium</i>	chamomile grape-fern		ST	G5	S3
<i>Carex alopecoidea</i>	foxtail sedge		SE	G5	S1
<i>Carex atherodes</i>	awned sedge		SE	G5	S2S3
<i>Carex atlantica</i> ssp. <i>atlantica</i>	Atlantic sedge		SE	G5T5	S2
<i>Carex chordorrhiza</i>	creeping sedge		SE	G5	S1
<i>Carex crawei</i>	Crawe's sedge		ST	G5	S2
<i>Carex echinata</i> ssp. <i>echinata</i>	little prickly sedge		SE	G5T5	S1
<i>Carex flava</i>	yellow sedge		SE	G5	S2
<i>Carex projecta</i>	necklace sedge		SE	G5	SU
<i>Carex retrorsa</i>	retrorse sedge		SE	G5	S1
<i>Carex scabrata</i>	rough sedge		SE	G5	S1
<i>Carex seorsa</i>	weak stellate sedge		ST	G5	S3
<i>Carex straminea</i>	straw sedge		ST	G5	S2
<i>Chrysosplenium americanum</i>	American golden-saxifrage		ST	G5	S2
<i>Cirsium hillii</i>	Hill's thistle		SE	G3	S1
<i>Cypripedium acaule</i>	pink lady's-slipper		SE	G5	S1
<i>Cypripedium candidum</i>	small white lady's-slipper		ST	G4	S3
<i>Dendrolycopodium hickeyi</i>	Hickey's clubmoss		ST	G5	S3
<i>Deschampsia cespitosa</i>	tufted hairgrass		ST	G5	S3
<i>Dichanthelium commonsianum</i>	Commons' panic-grass		SE	GNR	SU
<i>Drosera intermedia</i>	spoon-leaved sundew		ST	G5	S3
<i>Eleocharis melanocarpa</i>	black-fruited spike-rush		ST	G4	S2

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 Appendix A Endangered, Threatened and Rare Species List per County

Page 3 of 4  
 03/25/2024

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<i>Eleocharis robbinsii</i>	Robbins' spike-rush		ST	G4G5	S2
<i>Eriocaulon aquaticum</i>	pipewort		SE	G5	S1
<i>Eriophorum angustifolium</i> ssp. <i>angustifolium</i>	narrow-leaved cotton-grass		ST	G5T5	S3
<i>Fuirena pumila</i>	dwarf umbrella-sedge		ST	G4	S2
<i>Geranium robertianum</i>	herb-Robert		ST	G5	S3
<i>Juglans cinerea</i>	butternut		ST	G3	S2
<i>Juncus militaris</i>	bayonet rush		SE	G5	S1
<i>Juncus pelocarpus</i>	brown-fruited rush		SE	G5	S1
<i>Larix laricina</i>	tamarack		ST	G5	S2
<i>Lathyrus japonicus</i>	beach peavine		SE	G5	S1
<i>Lathyrus venosus</i>	smooth veiny pea		SE	G5	S1
<i>Linum sulcatum</i>	grooved yellow flax		ST	G5	S3
<i>Ludwigia sphaerocarpa</i>	globe-fruited false-loosestrife		SE	G5	S1
<i>Malaxis unifolia</i>	green adder's-mouth		SE	G5	S1
<i>Matteuccia struthiopteris</i>	ostrich fern		ST	G5	S3
<i>Milium effusum</i>	tall millet-grass		ST	G5	S1
<i>Minuartia michauxii</i> var. <i>michauxii</i>	Michaux's stitchwort		ST	G5T5	S2
<i>Myriophyllum pinnatum</i>	cutleaf water-milfoil		SE	G5	S1
<i>Myriophyllum verticillatum</i>	whorled water-milfoil		ST	G5	S3
<i>Panicum verrucosum</i>	warty panic-grass		ST	G4	S2
<i>Patis racemosa</i>	black-fruit mountain-ricegrass		ST	G5	S3
<i>Persicaria opelousana</i>	northeastern smartweed		ST	G5TNRQ	S2
<i>Pinus strobus</i>	eastern white pine		ST	G5	S3
<i>Piptochaetium avenaceum</i>	blackseed needlegrass		ST	G5	S3
<i>Platanthera dilatata</i>	leafy white orchid		SX	G5	SX
<i>Platanthera leucophaea</i>	eastern prairie white-fringed orchid	T	SE	G2G3	S1
<i>Poa paludigena</i>	bog bluegrass		ST	G3G4	S3
<i>Populus balsamifera</i>	balsam poplar		SE	G5	S1
<i>Potamogeton bicupulatus</i>	snail-seed pondweed		SE	G4	S1
<i>Potamogeton pulcher</i>	spotted pondweed		ST	G5	S2
<i>Pseudognaphalium macounii</i>	winged cudweed		SX	G5	SX
<i>Pyrola chlorantha</i>	greenish-flowered wintergreen		SX	G5	SX
<i>Rhynchospora macrostachya</i>	tall beaked-rush		ST	G4	S3
<i>Rhynchospora scirpoides</i>	long-beaked baldrush		ST	G4	S3
<i>Rorippa aquatica</i>	lake cress		SE	G4?	S1
<i>Salix serissima</i>	autumn willow		ST	G5	S2
<i>Scheuchzeria palustris</i> ssp. <i>americana</i>	American scheuchzeria		SE	G5T5	S1
<i>Schoenoplectiella purshiana</i>	weakstalk bulrush		ST	G4G5	S3
<i>Schoenoplectiella smithii</i>	Smith's Bulrush		ST	G5?	S2

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ITR Concession Company, LLC - Water Quality Characterization Report 2025  
 Appendix A Endangered, Threatened and Rare Species List per County

Page 4 of 4  
 03/25/2024

**Indiana County Endangered, Threatened and Rare Species List**  
**County: St. Joseph**



Species Name	Common Name	FED	STATE	GRANK	SRANK
Schoenoplectus subterminalis	water bulrush		ST	G5	S3
Silene regia	royal catchfly		SE	G3	S1
Sorbus decora	northern mountain-ash		SX	G5	SX
Sparganium androcladum	branching bur-reed		ST	G4G5	S2
Symphotrichum boreale	rushlike aster		ST	G5	S2
Triglochin palustris	marsh arrow-grass		ST	G5	S2
Utricularia cornuta	horned bladderwort		SE	G5	S1
Utricularia minor	lesser bladderwort		ST	G5	S1
Utricularia purpurea	purple bladderwort		ST	G5	S3
Vaccinium oxycoccos	small cranberry		ST	G5	S2
Valeriana uliginosa	marsh valerian		SE	G4	S1
Viburnum cassinoides	northern wild-raisin		SE	G5T5	S1
Viola primulifolia	primrose-leaf violet		ST	G5	S3
Wolffiella gladiata	sword bogmat		ST	G4G5	S2S3
Xyris difformis	Carolina yellow-eyed grass		ST	G5	S2
<b>High Quality Natural Community</b>					
Forest - floodplain wet-mesic	Wet-mesic Floodplain Forest		SG	G3?	S3
Forest - upland dry-mesic Northern Lakes	Northern Lakes Dry-mesic Upland Forest		SG	GNR	S1
Forest - upland mesic Grand Prairie	Grand Prairie Mesic Upland Forest		SG	GNR	S1
Forest - upland mesic Northern Lakes	Northern Lakes Mesic Upland Forest		SG	GNR	S1
Lake - pond	Pond		SG	GNR	SU
Prairie - wet	Wet Prairie		SG	G3	S1
Wetland - bog acid	Acid Bog		SG	G3	S2
Wetland - fen	Fen		SG	G3	S3
Wetland - flat muck	Muck Flat		SG	G2	S2
Wetland - marsh	Marsh		SG	GU	S4
Wetland - meadow sedge	Sedge Meadow		SG	G3?	S1
Wetland - swamp forest	Forested Swamp		SG	G2?	S2
Wetland - swamp shrub	Shrub Swamp		SG	GU	S2
<b>Other Significant Feature</b>					
Migratory Bird Concentration Area			SG	G3	SNR
Raptor Winter Concentration Area			SG	GNR	SNR

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ITR Concession Company, LLC - Water Quality Characterization Report 2025  
 Appendix A Endangered, Threatened and Rare Species List per County

Page 1 of 5  
 03/25/2024

**Indiana County Endangered, Threatened and Rare Species List**  
**County: Steuben**



Species Name	Common Name	FED	STATE	GRANK	SRANK
<b>Insect: Plecoptera (Stoneflies)</b>					
<i>Allocapnia illinoensis</i>	Illinois Snowfly		SE	G3	S1
<b>Mollusk: Bivalvia (Mussels)</b>					
<i>Alasmodonta viridis</i>	slippershell mussel		SSC	G4G5	S3
<i>Lampsilis fasciola</i>	wavyrayed lampmussel		SSC	G5	S3
<i>Pleurobema clava</i>	clubshell	E	SE	G1G2	S1
<i>Ptychobranhus fasciolaris</i>	kidneyshell		SSC	G4G5	S2
<i>Toxolasma lividum</i>	purple lilliput		SSC	G3	S2
<b>Insect: Lepidoptera (Butterflies &amp; Moths)</b>					
<i>Capis curvata</i>	curved halter moth		ST	G5	S3S4
<i>Catocala praecleara</i>	Praeclara underwing		SR	G5	S3S4
<i>Dasychira cinnamomea</i>	cinnamon tussock moth		SE	G4	S1S2
<i>Exyra fax</i>	pitcher window moth		SE	G4	S1S2
<i>Hesperia leonardus</i>	Leonard's Skipper		SR	G4	S2S3
<i>Hypocoena inquinata</i>	tufted sedge moth		ST	G5	S1S2
<i>Iodopepla u-album</i>	white-eyed sedge-borer		SR	G5	S2S3
<i>Leucania inermis</i>	unarmed wainscot		ST	G5	S2
<i>Leucania multilinea</i>	many-lined wainscot		SE	G5	S1
<i>Lycaena dorcas dorcas</i>	Dorcas Copper		SE	G5T5	S1
<i>Melanchra assimilis</i>	black arches		SE	G5	S1S2
<i>Neonympha mitchellii mitchellii</i>	Mitchell's Satyr	E	SE	G2T2	S1
<i>Papaipema appassionata</i>	pitcher plant borer moth		SE	G3G4	S1
<i>Papaipema limpida</i>	ironweed borer moth		SR	G2G4	S1S2
<i>Papaipema silphii</i>	Silphium Borer Moth		ST	G3G4	S2
<i>Photedes enervata</i>	many-lined photedes		SE	G4	S1
<i>Poanes viator viator</i>	Big Broad-winged Skipper		ST	G5T4	S2
<i>Speyeria idalia</i>	Regal Fritillary	C	SE	G3?	S1S2
<b>Insect: Odonata (Dragonflies &amp; Damselflies)</b>					
<i>Nannothemis bella</i>	Elfin Skimmer		SE	G4G5	S1S2
<i>Rhionaeschna mutata</i>	Spatterdock Darner		ST	G4	S2S3
<i>Sympetrum semicinctum</i>	Band-winged Meadowhawk		SR	G5	S2S3
<b>Fish</b>					
<i>Coregonus artedi</i>	cisco		SE	G5	S2
<b>Amphibian</b>					
<i>Ambystoma laterale</i>	blue-spotted salamander		SSC	G5	S2
<i>Hemidactylium scutatum</i>	four-toed salamander		SSC	G5	S3
<i>Necturus maculosus</i>	common mudpuppy		SSC	G5	S3
<b>Reptile</b>					
<i>Clemmys guttata</i>	spotted turtle	C	SE	G5	S2

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ITR Concession Company, LLC - Water Quality Characterization Report 2025  
 Appendix A Endangered, Threatened and Rare Species List per County

Page 2 of 5  
 03/25/2024

**Indiana County Endangered, Threatened and Rare Species List**  
**County: Steuben**



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<i>Clonophis kirtlandii</i>	Kirtland's snake		SE	G2	S3
<i>Emydoidea blandingii</i>	Blanding's turtle	C	SE	G4	S2
<i>Nerodia erythrogaster neglecta</i>	copperbelly water snake	PS:LT	SE	G5T3	S2
<i>Sistrurus catenatus</i>	eastern massasauga	T	SE	G3	S2
<i>Terrapene carolina carolina</i>	woodland box turtle		SSC	G5T5	S3
<b>Bird</b>					
<i>Antigone canadensis</i>	sandhill crane		SSC	G5	S2B,S1N
<i>Ardea alba</i>	Great Egret		SSC	G5	S1B
<i>Botaurus lentiginosus</i>	American Bittern		SE	G5	S2B
<i>Centronyx henslowii</i>	Henslow's sparrow		SE	G4	S3B
<i>Certhia americana</i>	Brown Creeper			G5	S2B
<i>Chlidonias niger</i>	Black Tern		SE	G4G5	S1B
<i>Cistothorus palustris</i>	marsh wren		SE	G5	S3B
<i>Cistothorus platensis</i>	sedge wren		SE	G5	S3B
<i>Cygnus buccinator</i>	Trumpeter Swan		SE	G4	S1B
<i>Gallinula galeata</i>	Common gallinule		SE	G5	S3B
<i>Haliaeetus leucocephalus</i>	bald eagle			G5	S3
<i>Ixobrychus exilis</i>	Least Bittern		SE	G3G4	S3B
<i>Pandion haliaetus</i>	Osprey		SSC	G5	S1B
<i>Rallus elegans</i>	King Rail		SE	G4	S1B
<i>Rallus limicola</i>	Virginia Rail		SE	G5	S3B
<i>Setophaga cerulea</i>	Cerulean Warbler		SE	G4	S3B
<i>Wilsonia canadensis</i>	Canada Warbler			G5	S2B
<b>Mammal</b>					
<i>Condylura cristata</i>	star-nosed mole		SSC	G5	S2?
<i>Mustela nivalis</i>	least weasel		SSC	G5	S2?
<i>Taxidea taxus</i>	badger		SSC	G5	S2
<b>Vascular Plant</b>					
<i>Actaea rubra ssp. rubra</i>	red baneberry		SE	G5T5	S1?
<i>Andersonglossum boreale</i>	northern wild comfrey		SX	G5T4T5	SX
<i>Andromeda glaucophylla</i>	bog rosemary		ST	G5T5	S2
<i>Anticlea elegans var. glaucus</i>	white camas		ST	G5T4T5	S3
<i>Arethusa bulbosa</i>	swamp-pink		SX	G5	SX
<i>Bidens beckii</i>	Beck's water-marigold		SE	G5	S1
<i>Borodinia missouriensis</i>	green rockcress		SE	G5	S1
<i>Calla palustris</i>	wild calla		SE	G5	S1
<i>Cardamine dentata</i>	cuckoo flower		ST	G5	S3
<i>Carex alopecoidea</i>	foxtail sedge		SE	G5	S1
<i>Carex atherodes</i>	awned sedge		SE	G5	S2S3
<i>Carex brunnescens</i>	brownish sedge		ST	G5	S2

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 Appendix A Endangered, Threatened and Rare Species List per County

Page 3 of 5  
 03/25/2024

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Carex disperma	softleaf sedge		SE	G5	S1
Carex flava	yellow sedge		ST	G5	S2
Carex limosa	mud sedge		SE	G5	S1
Carex livida	livid sedge		SE	G5	S1
Carex retrorsa	retrorse sedge		SE	G5	S1
Carex seorsa	weak stellate sedge		ST	G5	S3
Caulophyllum giganteum	giant blue cohosh		SE	G4G5	S1
Chimaphila umbellata ssp. cisatlantica	pipsissewa		SE	G5T5	S1
Circaea alpina	small enchanter's nightshade		SX	G5	SX
Cirsium hillii	Hill's thistle		SE	G3	S1
Clintonia borealis	Clinton's lily		SE	G5	S1
Conioselinum chinense	hemlock parsley		SE	G5	S1
Coptis trifolia var. groenlandica	goldthread		ST	G5T5	S3
Cornus canadensis	bunchberry		SE	G5	S1
Cypripedium acaule	pink lady's-slipper		SE	G5	S1
Cypripedium candidum	small white lady's-slipper		ST	G4	S3
Cypripedium parviflorum var. makasin	small yellow lady's-slipper		ST	G5T4T5	S3
Cypripedium reginae	showy lady's-slipper		ST	G4G5	S3
Dactylorhiza viridis	long-bract green orchid		SE	G5	S1
Dendrolycopodium hickeyi	Hickey's clubmoss		ST	G5	S3
Deschampsia cespitosa	tufted hairgrass		ST	G5	S3
Dichanthelium boreale	northern witchgrass		ST	G5	S3
Dichanthelium leibergii	Leiberg's witchgrass		ST	G4	S2
Dichanthelium subvillosum	panic-grass		SE	GNRQ	S1
Drosera intermedia	spoon-leaved sundew		ST	G5	S3
Eleocharis equisetoides	horsetail spikerush		SE	G4	S1
Eleocharis geniculata	capitate spike-rush		ST	G5	S2
Eleocharis robbinsii	Robbins' spike-rush		ST	G4G5	S2
Eriocaulon aquaticum	pipewort		SE	G5	S1
Eriophorum angustifolium ssp. angustifolium	narrow-leaved cotton-grass		ST	G5T5	S3
Eriophorum gracile var. gracile	slender cotton-grass		ST	G5T5	S2
Eriophorum viridicarinatum	green-keeled cotton-grass		ST	G5	S3
Fuirena pumila	dwarf umbrella-sedge		ST	G4	S2
Galium labradoricum	bog bedstraw		ST	G5	S2
Geum rivale	purple avens		SE	G5	S1
Glyceria borealis	small floating manna-grass		SE	G5	S1
Glyceria grandis	American manna-grass		SE	G5	S1
Hypericum pyramidatum	great St. John's-wort		ST	G4T4	S2
Ilex mucronata	mountain holly		ST	G5	S3
Juniperus communis var. depressa	ground juniper		ST	G5T5	S3

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Page 4 of 5  
 03/25/2024

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**County: Steuben**



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<i>Larix laricina</i>	tamarack		ST	G5	S2
<i>Lathyrus ochroleucus</i>	pale vetchling peavine		SE	G5	S1
<i>Lathyrus venosus</i>	smooth veiny pea		SE	G5	S1
<i>Lemna valdiviana</i>	pale duckweed		SE	G5	S1
<i>Linum sulcatum</i>	grooved yellow flax		ST	G5	S3
<i>Lonicera canadensis</i>	American fly-honeysuckle		SE	G5	S1
<i>Luzula acuminata</i> var. <i>acuminata</i>	hairy woodrush		SE	G5T5	S1
<i>Matteuccia struthiopteris</i>	ostrich fern		ST	G5	S3
<i>Milium effusum</i>	tall millet-grass		ST	G5	S1
<i>Myriophyllum verticillatum</i>	whorled water-milfoil		ST	G5	S3
<i>Patis racemosa</i>	black-fruit mountain-ricegrass		ST	G5	S3
<i>Pinus strobus</i>	eastern white pine		ST	G5	S3
<i>Piptochaetium avenaceum</i>	blackseed needlegrass		ST	G5	S3
<i>Platanthera aquilonis</i>	leafy northern green orchid		ST	G5	S2
<i>Platanthera ciliaris</i>	yellow-fringe orchid		SE	G5	S1
<i>Platanthera leucophaea</i>	eastern prairie white-fringed orchid	T	SE	G2G3	S1
<i>Platanthera psychodes</i>	small purple-fringe orchid		ST	G5	S3
<i>Poa paludigena</i>	bog bluegrass		ST	G3G4	S3
<i>Potamogeton epihydrus</i>	Nuttall pondweed		SE	G5	S1
<i>Potamogeton friesii</i>	Fries' pondweed		SE	G5	S1
<i>Potamogeton praelongus</i>	white-stem pondweed		ST	G5	S1
<i>Potamogeton richardsonii</i>	redheadgrass		ST	G5	S3
<i>Potamogeton robbinsii</i>	flatleaf pondweed		ST	G5	S3
<i>Pseudognaphalium macounii</i>	winged cudweed		SX	G5	SX
<i>Pyrola americana</i>	American wintergreen		ST	G5	S2
<i>Pyrola asarifolia</i>	pink wintergreen		SE	G5	S1
<i>Rhynchospora macrostachya</i>	tall beaked-rush		ST	G4	S3
<i>Rhynchospora scirpoides</i>	long-beaked baldrush		ST	G4	S3
<i>Salix serissima</i>	autumn willow		ST	G5	S2
<i>Schoenoplectus subterminalis</i>	water bulrush		ST	G5	S3
<i>Sorbus decora</i>	northern mountain-ash		SX	G5	SX
<i>Spiranthes lucida</i>	shining ladies'-tresses		ST	G4	S3
<i>Spiranthes magnicamporum</i>	Great Plains ladies'-tresses		ST	G3G4	S2S3
<i>Spiranthes romanzoffiana</i>	hooded ladies'-tresses		SE	G5	S1
<i>Symphotrichum boreale</i>	rushlike aster		ST	G5	S2
<i>Symphotrichum sericeum</i>	western silvery aster		ST	G5	S2
<i>Triglochin palustris</i>	marsh arrow-grass		ST	G5	S2
<i>Utricularia cornuta</i>	horned bladderwort		SE	G5	S1
<i>Utricularia minor</i>	lesser bladderwort		ST	G5	S1

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 GRANK: Global Heritage Rank: G1 = critically imperiled globally; G2 = imperiled globally; G3 = rare or uncommon globally; G4 = widespread and abundant globally but with long-term concerns; G5 = widespread and abundant globally; G? = unranked; GX = extinct; Q = uncertain rank; T = taxonomic subunit rank  
 SRANK: State Heritage Rank: S1 = critically imperiled in state; S2 = imperiled in state; S3 = rare or uncommon in state; S4 = widespread and abundant in state but with long-term concern; SG = state significant; SH = historical in state; SX = state extirpated; B = breeding status; SU = unranked; SNR = unranked; SNA = nonbreeding status unranked



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 Appendix A Endangered, Threatened and Rare Species List per County

Page 5 of 5  
 03/25/2024

**Indiana County Endangered, Threatened and Rare Species List**  
**County: Steuben**



Species Name	Common Name	FED	STATE	GRANK	SRANK
Utricularia purpurea	purple bladderwort		ST	G5	S3
Utricularia resupinata	northeastern bladderwort		SE	G4	S1
Vaccinium macrocarpon	large cranberry		ST	G5	S3
Vaccinium oxycoccos	small cranberry		ST	G5	S2
Viburnum cassinoides	northern wild-raisin		SE	G5T5	S1
Viburnum opulus var. americanum	highbush-cranberry		SE	G5T5	S1
<b>High Quality Natural Community</b>					
Forest - upland dry Northern Lakes	Northern Lakes Dry Upland Forest		SG	GNR	S1
Forest - upland dry-mesic Northern Lakes	Northern Lakes Dry-mesic Upland Forest		SG	GNR	S1
Forest - upland mesic Northern Lakes	Northern Lakes Mesic Upland Forest		SG	GNR	S1
Lake - lake	Lake		SG	GNR	S2
Wetland - beach marl	Marl Beach		SG	G3	S2
Wetland - bog acid	Acid Bog		SG	G3	S2
Wetland - bog circumneutral	Circumneutral Bog		SG	G3	S3
Wetland - fen	Fen		SG	G3	S3
Wetland - fen forested	Forested Fen		SG	G3	S1
Wetland - flat muck	Muck Flat		SG	G2	S2
Wetland - marsh	Marsh		SG	GU	S4
Wetland - meadow sedge	Sedge Meadow		SG	G3?	S1
Wetland - swamp forest	Forested Swamp		SG	G2?	S2
Wetland - swamp shrub	Shrub Swamp		SG	GU	S2

Indiana Natural Heritage Data Center  
 Division of Nature Preserves  
 Indiana Department of Natural Resources  
 This data is not the result of comprehensive county surveys.

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Appendix A Endangered, Threatened and Rare Species List per County





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