

## Elements by Townrange for Racine County

The Natural Heritage Inventory (NHI) database contains recent and historic element (rare species and natural community) observations. A generalized version of the NHI database is provided below as a general reference and should not be used as a substitute for a WI Dept of Natural Resources NHI review of a specific project area. The NHI database is dynamic, records are continually being added and/or updated. The following data are current as of 07/22/2008:

### Town Range

Scientific Name	Common Name	State Status	Federal Status	State Rank	Global Rank	Group Name
<i>Asclepias lanuginosa</i>	Woolly Milkweed	THR		S1	G4?	Plant
<i>Asclepias purpurascens</i>	Purple Milkweed	END		S3	G5?	Plant
<i>Asclepias sullivantii</i>	Prairie Milkweed	THR		S2S3	G5	Plant
<i>Cacalia tuberosa</i>	Prairie Indian Plantain	THR		S3	G4G5	Plant
<i>Carex garberi</i>	Elk Sedge	THR		S2	G5	Plant-
<i>Carex swanii</i>	Swan Sedge	SC		S1	G5	Plant
<i>Cypripedium candidum</i>	Small White Lady's-slipper	THR		S3	G4	Plant-
<i>Cypripedium reginae</i>	Showy Lady's-slipper	SC		S3	G4	Plant-
<i>Dryopteris clintoniana</i>	Clinton Woodfern	SC		SH	G5	Plant
<i>Lespedeza leptostachya</i>	Prairie Bush-clover	END	LT	S2	G3	Plant
<i>Parthenium integrifolium</i>	Wild Quinine	THR		S3	G5	Plant
<i>Phegopteris hexagonoptera</i>	Broad Beech Fern	SC		S2	G5	Plant
<i>Plantago cordata</i>	Heart-leaved Plantain	END		S1	G4	Plant-
<i>Prenanthes aspera</i>	Rough Rattlesnake-root	END		S2	G4?	Plant
<i>Ranunculus cymbalaria</i>	Seaside Crowfoot	THR		S2	G5	Plant-
<i>Thamnophis proximus</i>	Western Ribbon Snake	END		S1	G5	Snake-
<i>Thamnophis sauritus</i>	Northern Ribbon Snake	END		S1	G5	Snake-
<i>Tomanthera auriculata</i>	Earleaf Foxglove	SC		S1	G3	Plant
<b>001N019E</b>						
<i>Moxostoma carinatum</i>	River Redhorse	THR		S2	G4	Fish-
<b>001N020E</b>						
<i>Moxostoma carinatum</i>	River Redhorse	THR		S2	G4	Fish-
<b>001N022E</b>						
<i>Aphredoderus sayanus</i>	Pirate Perch	SC/N		S3	G5	Fish-
<b>002N018E</b>						
<i>Alasmidonta marginata</i>	Elktoe	SC/H		S4	G4	Mussel-
<i>Besseyia bullii</i>	Kitten Tails	THR		S3S4	G3	Plant
<i>Dry-mesic prairie</i>	Dry-mesic Prairie	NA		S2	G3	Community
<i>Southern dry forest</i>	Southern Dry Forest	NA		S3	G4	Community
<i>Southern tamarack swamp (rich)</i>	Southern Tamarack Swamp (Rich)	NA		S3	G3	Community
<b>002N019E</b>						
<i>Besseyia bullii</i>	Kitten Tails	THR		S3S4	G3	Plant
<i>Cacalia tuberosa</i>	Prairie Indian Plantain	THR		S3	G4G5	Plant
<i>Calcareous fen</i>	Calcareous Fen	NA		S3	G3	Community
<i>Cypripedium candidum</i>	Small White Lady's-slipper	THR		S3	G4	Plant-
<i>Cypripedium parviflorum var. m</i>	Northern Yellow Lady's-slipper	SC		S3	G5T4Q	Plant-
<i>Dry-mesic prairie</i>	Dry-mesic Prairie	NA		S2	G3	Community
<i>Emydoidea blandingii</i>	Blanding's Turtle	THR		S3	G4	Turtle-
<i>Gentianopsis procera</i>	Lesser Fringed Gentian	SC		S3	G5	Plant-
<i>Liatris spicata</i>	Marsh Blazing Star	SC		S3	G5	Plant-
<i>Moxostoma carinatum</i>	River Redhorse	THR		S2	G4	Fish-
<i>Poanes massasoit</i>	Mulberry Wing	SC/N		S3	G4	Butterfly-

Town Range

Scientific Name	Common Name	State Status	Federal Status	State Rank	Global Rank	Group Name
<i>Emydoidea blandingii</i>	Blanding's Turtle	THR		S3	G4	Turtle-
<i>Etheostoma microperca</i>	Least Darter	SC/N		S3	G5	Fish-
<i>Euphyes bimaculata</i>	Two-spotted Skipper	SC/N		S3	G4	Butterfly-
<i>Gentianopsis procera</i>	Lesser Fringed Gentian	SC		S3	G5	Plant-
<i>Lepomis megalotis</i>	Longear Sunfish	THR		S2	G5	Fish-
<i>Moxostoma carinatum</i>	River Redhorse	THR		S2	G4	Fish-
<i>Opsopoeodus emiliae</i>	Pugnose Minnow	SC/N		S3	G5	Fish-
<i>Penstemon hirsutus</i>	Hairy Beardtongue	SC		S1	G4	Plant
<i>Pleurobema sintoxia</i>	Round Pigtoe	SC/H		S3	G4	Mussel-
<i>Scleria verticillata</i>	Low Nutrush	SC		S2	G5	Plant-
<i>Solidago ohioensis</i>	Ohio Goldenrod	SC		S3	G4	Plant-
<i>Southern dry-mesic forest</i>	Southern Dry-mesic Forest	NA		S3	G4	Community
<i>Southern hardwood swamp</i>	Southern Hardwood Swamp	NA		S2	G4?	Community
<i>Southern mesic forest</i>	Southern Mesic Forest	NA		S3	G3?	Community
<i>Southern sedge meadow</i>	Southern Sedge Meadow	NA		S3	G4?	Community
<i>Southern tamarack swamp (rich)</i>	Southern Tamarack Swamp (Rich)	NA		S3	G3	Community
<i>Springs and spring runs, hard</i>	Springs and Spring Runs, Hard	NA		S4	GNR	Community
<i>Tofieldia glutinosa</i>	Sticky False-asphodel	THR		S2S3	G5	Plant-
<i>Triglochin palustris</i>	Slender Bog Arrow-grass	SC		S3	G5	Plant-
<i>Wet prairie</i>	Wet Prairie	NA		SU	G3	Community
<b>004N020E</b>						
<i>Arethusa bulbosa</i>	Swamp-pink	SC		S3	G4	Plant-
<i>Aster furcatus</i>	Forked Aster	THR		S3	G3	Plant
<i>Calcareous fen</i>	Calcareous Fen	NA		S3	G3	Community
<i>Carex tenuiflora</i>	Sparse-flowered Sedge	SC		S3	G5	Plant-
<i>Emydoidea blandingii</i>	Blanding's Turtle	THR		S3	G4	Turtle-
<i>Erimyzon sucetta</i>	Lake Chubsucker	SC/N		S3	G5	Fish-
<i>Etheostoma microperca</i>	Least Darter	SC/N		S3	G5	Fish-
<i>Fundulus diaphanus</i>	Banded Killifish	SC/N		S3	G5	Fish-
<i>Liatris spicata</i>	Marsh Blazing Star	SC		S3	G5	Plant-
<i>Luxilus chrysocephalus</i>	Striped Shiner	END		S1	G5	Fish-
<i>Northern wet forest</i>	Northern Wet Forest	NA		S4	G4	Community
<i>Notropis anogenus</i>	Pugnose Shiner	THR		S2	G3	Fish-
<i>Opsopoeodus emiliae</i>	Pugnose Minnow	SC/N		S3	G5	Fish-
<i>Solidago ohioensis</i>	Ohio Goldenrod	SC		S3	G4	Plant-
<i>Southern dry forest</i>	Southern Dry Forest	NA		S3	G4	Community
<b>004N021E RAYMOND</b>						
<i>Bartramia longicauda</i>	Upland Sandpiper	SC/M		S2B	G5	Bird
<i>Etheostoma microperca</i>	Least Darter	SC/N		S3	G5	Fish-
<i>Floodplain forest</i>	Floodplain Forest	NA		S3	G3?	Community
<i>Lake--oxbow</i>	Lake--Oxbow	NA		SU	GNR	Community
<i>Lepomis megalotis</i>	Longear Sunfish	THR		S2	G5	Fish-
<i>Lithospermum latifolium</i>	American Gromwell	SC		S3	G4	Plant
<i>Lythrurus umbratilis</i>	Redfin Shiner	THR		S2	G5	Fish-
<i>Southern dry-mesic forest</i>	Southern Dry-mesic Forest	NA		S3	G4	Community
<i>Southern mesic forest</i>	Southern Mesic Forest	NA		S3	G3?	Community
<i>Spiza americana</i>	Dickcissel	SC/M		S3B	G5	Bird
<i>Sturnella neglecta</i>	Western Meadowlark	SC/M		S2B	G5	Bird

Town Range	Scientific Name	Common Name	State Status	Federal Status	State Rank	Global Rank	Group Name
	<i>Trillium recurvatum</i>	Reflexed Trillium	SC		S3	G5	Plant
	<i>Viburnum prunifolium</i>	Smooth Black-haw	SC		S2	G5	Plant
004N022E	<i>CALEDONIA</i>						
	<i>Aster furcatus</i>	Forked Aster	THR		S3	G3	Plant
	<i>Astragalus neglectus</i>	Cooper's Milkvetch	END		S1	G4	Plant
	<i>Buteo lineatus</i>	Red-shouldered Hawk	THR		S3S4B,S1	G5	Bird-
	<i>Carex lupuliformis</i>	False Hop Sedge	END		S1	G4	Plant-
	<i>Emergent marsh</i>	Emergent Marsh	NA		S4	G4	Community
	<i>Floodplain forest</i>	Floodplain Forest	NA		S3	G3?	Community
	<i>Lithospermum latifolium</i>	American Gromwell	SC		S3	G4	Plant
	<i>Lythrurus umbratilis</i>	Redfin Shiner	THR		S2	G5	Fish-
	<i>Mesic prairie</i>	Mesic Prairie	NA		S1	G2	Community
	<i>Ptelea trifoliata</i>	Wafer-ash	SC		S2	G5	Plant
	<i>Scutellaria ovata</i>	Heart-leaved Skullcap	SC		S3	G5	Plant
	<i>Solidago caesia</i>	Bluestem Goldenrod	END		S3	G5	Plant
	<i>Southern dry-mesic forest</i>	Southern Dry-mesic Forest	NA		S3	G4	Community
	<i>Southern mesic forest</i>	Southern Mesic Forest	NA		S3	G3?	Community
	<i>Thalictrum revolutum</i>	Waxleaf Meadowrue	SC		S2	G5	Plant-
	<i>Trillium recurvatum</i>	Reflexed Trillium	SC		S3	G5	Plant
	<i>Viburnum prunifolium</i>	Smooth Black-haw	SC		S2	G5	Plant
004N023E							
	<i>Cakile edentula</i>	American Sea-rocket	SC		S3	G5	Plant-
	<i>Deschampsia cespitosa</i>	Tufted Hairgrass	SC		S2	G5	Plant-
	<i>Gentiana alba</i>	Yellow Gentian	THR		S3	G4	Plant
	<i>Lithospermum latifolium</i>	American Gromwell	SC		S3	G4	Plant
	<i>Lythrurus umbratilis</i>	Redfin Shiner	THR		S2	G5	Fish-
	<i>Polystichum acrostichoides</i>	Christmas Fern	SC		S2	G5	Plant
	<i>Ptelea trifoliata</i>	Wafer-ash	SC		S2	G5	Plant
	<i>Solidago caesia</i>	Bluestem Goldenrod	END		S3	G5	Plant
	<i>Southern dry-mesic forest</i>	Southern Dry-mesic Forest	NA		S3	G4	Community
	<i>Southern mesic forest</i>	Southern Mesic Forest	NA		S3	G3?	Community
	<i>Trillium recurvatum</i>	Reflexed Trillium	SC		S3	G5	Plant
005N018E							
	<i>Lepomis megalotis</i>	Longear Sunfish	THR		S2	G5	Fish-
005N019E							
	<i>Lepomis megalotis</i>	Longear Sunfish	THR		S2	G5	Fish-
005N020E							
	<i>Aster furcatus</i>	Forked Aster	THR		S3	G3	Plant
	<i>Erimyzon sucetta</i>	Lake Chubsucker	SC/N		S3	G5	Fish-
	<i>Fundulus diaphanus</i>	Banded Killifish	SC/N		S3	G5	Fish-
005N021E							
	<i>Lithospermum latifolium</i>	American Gromwell	SC		S3	G4	Plant
	<i>Lythrurus umbratilis</i>	Redfin Shiner	THR		S2	G5	Fish-
	<i>Southern dry-mesic forest</i>	Southern Dry-mesic Forest	NA		S3	G4	Community
	<i>Southern mesic forest</i>	Southern Mesic Forest	NA		S3	G3?	Community
	<i>Viburnum prunifolium</i>	Smooth Black-haw	SC		S2	G5	Plant
005N022E							
	<i>Floodplain forest</i>	Floodplain Forest	NA		S3	G3?	Community
	<i>Lythrurus umbratilis</i>	Redfin Shiner	THR		S2	G5	Fish-
006N021E							

# Wisconsin Natural Heritage Inventory (NHI)

## Key to the County Data Printout

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TOWNRANGE<sup>1</sup>  
 EO#<sup>2</sup> PREC<sup>3</sup> SCIENTIFIC NAME<sup>4</sup> (COMMON NAME)<sup>5</sup> LASTOBS<sup>6</sup> ST/FED<sup>7</sup> GROUP<sup>8</sup>  
 COUNTY<sup>9</sup>

1. TownRange Public Land Survey (PLS) Town and Range location of the endangered resource element occurrence. Please note, duplicate records may appear due to multiple locations of an element within a TownRange.
2. EO# Element Occurrence Number. Three digit number identifying each unique occurrence of a rare species, natural community or natural feature in Wisconsin.
3. Prec Precision to which the element occurrence was mapped on USGS 7.5 minute topographic map. Indicates how precisely we can locate the element.  
  
 S = Seconds (~200 ft. radius), F = Forty (40-acre or quarter-quarter radius),  
 Q = Quarter (160-acre or 1/4 mi. radius), M = Minute (1 to 1.5 mi. radius),  
 G = General (5 mi. radius), NM = Not Mapped, U = Unmappable
4. Scientific name Scientific name of the endangered resource element.
5. (Common name) Common name of the endangered resource element, established by The Nature Conservancy.
6. Lastobs The last confirmed observation date of the element occurrence.
7. STFed Federal and State protection Status;

**St:** Wisconsin State Status - Protection category designated by the Wisconsin DNR.  
 END = endangered; THR = threatened; SC = Special Concern.

Special Concern species are those species about which some problem of abundance or distribution is suspected but not yet proved. The main purpose of this category is to focus attention on certain species before they become threatened or endangered.

**Fed:** Federal protection status designated by the Office of Endangered Species, U.S. Fish and Wildlife Service indicating the status of a species in the United States.  
 LE = listed endangered; LT = listed threatened; LE-LT = listed endangered in part of its range, threatened in another part; XN = nonessential experimental population(s) in part of its range; LT,PD = listed threatened, proposed for de-listing;  
 C = candidate for future listing.

WDNR and federal regulations regarding Special Concern species range from full protection to no protection. The current categories and their respective level of protection are as follows: SC/P = fully protected; SC/N = no laws regulating use, possession, or harvesting; SC/H = take regulated by establishment of open closed seasons; SC/FL = Federally protected as endangered or threatened, but not so designated by state WDNR; SC/M = fully protected by federal and state laws under the Migratory Bird Act.

8. Group Taxonomic group of the element. A “^” next to the group name indicates that the element is associated with wetlands or waterbodies.
9. County The first four letters of the county name. Exceptions: GRNL = Green Lake, WASB = Washburn. Please note that all counties of occurrence are listed for each element, this is a function of the data linkage within the database. Please ignore if only interested in Township information.

