

Appendix C: Species List

Appendix C: Species List, Litchfield Wetlands Management District

Amphibians of the Litchfield WMD (17 species, 1 subspecies)
 (from Amphibians and Reptiles Native to Minnesota by Oldfield and Moriarity)

Order Cavdata (Salamanders)

Family Nectoridae (giant salamanders)

Necturus maculosus maculosus mudpuppy (4,9)

Family Salamandridae (newts)

Notophthalmus viridescens louisianensis central newt 1,7,9 (3)

Family Ambystomatidae (mole salamanders)

Ambystoma laterale blue-spotted salamander 7,9 (1,8)

Ambystoma tigrinum tigrinum eastern tiger salamander All (1,2,8)

?Plethodon cinereus redback salamander (5)

Order Anura

Family Bufonidae (toads)

Bufo americanus americanus eastern American toad All (3,6)

Bufo cognatus great plains toad 1,4,5 (6,7)

?Bufo hemiophrys Canadian toad (1)

Family Hylidae (treefrogs)

Hyla chrysoscelis Cope's gray tree frog 1,7,8,9 (3)

Hyla versicolor gray tree frog All (2,3,6,8)

Pseudoacris crucifer crucifer northern spring peeper 1,6 (9)

?Pseudoacris triseriata maculata boreal chorus frog (8)

Pseudoacris triseriata triseriata western chorus frog All (4,6,8)

Family Ranidae (true frogs)

Rana catesbeiana bullfrog 7 (4)

Rana clamitans melanota green frog 3,7,9 (2,8)

Rana pipiens northern leopard frog All

Rana septentrionalis mink frog 8 (7)

Rana sylvatica wood frog 1,6,8 (2,3,7,9)

Birds of the Litchfield WMD

(from Birds of Minnesota by Janssen and Peterson's Guide to E. Birds)
(Bold indicates listed species; Counties indicated breeding birds)

Key

Order

Family

Scientific Name

common name

breeding counties (possible)

County numbers

1 = Kandiyohi

2 = McLeod

3 = Meeker

4 = Nicollet

5 = Renville

6 = Sibley

7 = Stearns

8 = Todd

9 = Wright

Order Gaviiformes (loons)

Family Gaviidae (loons)

Gavia immer

common loon

1,3,7,8,9 (All)

Order Podicipediformes (grebes)

Family Podicipedidae (grebes)

Aechmophorus clarkii

Clark's grebe

Aechmophorus occidentalis

western grebe

1,4,6,9 (All)

Podiceps auritus

horned grebe

Podiceps grisegena

red-necked grebe

1,3,4,6,7,8,9

Podiceps nigricollis

eared grebe

1,4 (3,5,6,9)

Podilymbus podiceps

pied-billed grebe

All

Order Pelecaniformes (tropicbirds, pelicans, gannets, boobies, cormorants, darters and frigatebirds)

Family Pelecanidae (pelicans)

Pelecanus erythrorhynchos

American white pelican

Family Phalacrocoracidae (cormorants)

Phalacrocorax auritus

double-crested cormorant All (4,6)

Family Anhingidae (anhingas)

Anhinga anhinga

anhinga

Order Ciconiiformes (herons, bitterns, storks, ibises, flamingos)

Family Ardeidae (bitterns, herons, and egrets)

Ardea herodias

great blue heron

All (5)

Botaurus lentiginosus

American bittern

3 (All)

Bubulcus ibis

cattle egret

1

Butorides striatus

green heron

1,3,7,9 (All)

Casmerodius albus

great egret

1,3,6,7,9 (4,5)

Egretta thula

snowy egret

1 (4)

<u>Ixobrychus exilis</u>	least bittern	4,7,9 (All)
<u>Nycticorax nycticorax</u>	black-crowned night heron	1,4 (All)
<u>Nycticorax violaceus</u>	yellow-crowned night heron	(7)
Order Anseriformes (waterfowl)		
Family Anatidae (whistling ducks, swans, geese, diving ducks, stiff-tails and mergansers)		
Subfamily Anserinae (geese)		
<u>Anser albifrons</u>	greater white-fronted goose	
<u>Branta canadensis</u>	Canada goose	All
<u>Chen caerulescens</u>	snow goose	
<u>Chen rossii</u>	Ross' goose	
Subfamily Cygninae (swans)		
<u>Cygnus buccinator</u>	trumpeter swan	9 (1,3)
<u>Cygnus columbianus</u>	tundra swan	
<u>Cygnus olor</u>	mute swan	
Subfamily Anatinae (marsh ducks)		
<u>Aix sponsa</u>	wood duck	All
<u>Anas acuta</u>	northern pintail	7 (All)
<u>Anas americana</u>	American wigeon	7,8
<u>Anas crecca</u>	American green-winged teal	1,3,9
<u>Anas clypeata</u>	northern shoveler	7 (All)
<u>Anas discors</u>	blue-winged teal	All
<u>Anas penelope</u>	Eurasian wigeon	
<u>Anas platyrhynchos</u>	mallard	All
<u>Anas rubripes</u>	American black duck	3
<u>Anas strepera</u>	gadwall	(All)
Subfamily Aythyinae (diving ducks)		
<u>Aythya affinis</u>	lesser scaup	
<u>Aythya americana</u>	redhead	1,3,4,8 (All)
<u>Aythya collaris</u>	ring-necked duck	1,4,7,9 (All)
<u>Aythya marila</u>	greater scaup	
<u>Aythya valisineria</u>	canvasback	1,7,8,9 (All)
<u>Bucephala albeola</u>	bufflehead	
<u>Bucephala clangula</u>	common goldeneye	
<u>Clangula hyemalis</u>	oldsquaw	
<u>Histrionicus histrionicus</u>	harlequin duck	
<u>Melanitta nigra</u>	black scoter	
<u>Somateria spectabilis</u>	king eider	
Subfamily Merginae (mergansers)		
<u>Lophodytes cucullatus</u>	hooded merganser	3,4,7,9 (All)
<u>Mergus merganser</u>	common merganser	
<u>Mergus serrator</u>	red-breasted merganser	
Subfamily Oxyurinae (stiff-tails)		
<u>Oxyura jamaicensis</u>	ruddy duck	1,2,7,8,9 (All)

Order Falconiformes (vultures, kites, accipiters, buteos, eagles, harriers, ospreys, caracaras and falcons)

Family Cathartidae (american vultures)

Cathartes aura turkey vulture (?)

Family Accipitridae (kites, accipiters, buteos, eagles and harriers)

Subfamily Accipitrinae (accipiters)

Accipiter cooperii Cooper's hawk 7 (All)

Accipiter gentilis **Goshawk**

Accipiter striatus sharp-shinned hawk (8)

Subfamily Buteoninae (buteos and eagles)

Aquila chrysaetos golden eagle

Buteo jamaicensis red-tailed hawk 1,3,7,8,9 (All)

Buteo lagopus rough-legged hawk

Buteo lineatus **red-shouldered hawk** 7 (2,3,8,9)

Buteo platypterus broad-winged hawk 7 (8,9)

Buteo regalis ferruginous hawk

Buteo swainsoni Swainson's hawk

Haliaeetus leucocephalus **bald eagle** 1,3,7 (8)

Subfamily Circinae (harriers)

Circus cyaneus northern harrier 1,7 (All)

Family Pandionidae (ospreys)

Pandion haliaetus osprey

Family Falconidae (caracaras and falcons)

Subfamily Faconinae (falcons)

Falco columbarius merlin (1)

Falco mexicanus prairie falcon

Falco peregrinus **peregrine falcon** 7

Falco rusticolus gyrfalcon

Falco sparverius American kestrel All

Order Galliformes (grouse, quail and turkeys)

Family Tetraonidae (grouse)

Bonasa umbellus ruffed grouse 7 (8,9)

Tympanuchus cupido **greater prairie-chicken**

Family Phasianidae (partridge, pheasant and quail)

Perdix perdix gray partridge 1,6,7,9 (All)

Phasianus colchicus ring-necked pheasant All

Family Meleagrididae (turkeys)

Meleagris gallopavo wild turkey (?)

Order Gruiformes (cranes, limpkins and rails)

Family Rallidae (rails, gallinules and coots)

Coturnicops noveboracensis **yellow rail** (7)

Fulica americana American coot All

Gallinula chloropus **common moorhen** 7 (1,4,6,8,9)

Porzana carolina sora 1,7,9 (All)

Rallus limicola Virginia rail 1,4,7,9 (All)

	<u>Rallus elegans</u>	king rail	(7)
Family	Gruidae (cranes)		
	<u>Grus americana</u>	Whooping Crane	
	<u>Grus canadensis</u>	sandhill crane	(1,2,3,7)
Order	Charadriiformes (oystercatchers, stilts, avocets, plovers, sandpipers, jaegers, skuas, gulls, terns and auks)		
Family	Charadriidae (plovers)		
	<u>Charadrius melodus</u>	piping plover	
	<u>Charadrius semipalmatus</u>	semipalmated plover	
	<u>Charadrius vociferus</u>	killdeer	All
	<u>Pluvialis dominica</u>	American golden-plover	
	<u>Pluvialis squatarola</u>	black-bellied plover	
Family	Recurvirostridae (stilts and avocets)		
	<u>Recurvirostra americana</u>	American avocet	
Family	Scolopacidae (sandpipers, curlew, godwits, turnstones, dowitchers, snipe, woodcock and phalaropes)		
	<u>Actitis macularia</u>	spotted sandpiper	7 (All)
	<u>Arenaria interpres</u>	ruddy turnstone	
	<u>Bartramia longicauda</u>	upland sandpiper	7 (All)
	<u>Calidris alba</u>	sanderling	
	<u>Calidris alpina</u>	dunlin	
	<u>Calidris bairdii</u>	Baird's sandpiper	
	<u>Calidris canutus</u>	red knot	
	<u>Calidris fuscicollis</u>	white-rumped sandpiper	
	<u>Calidris himantopus</u>	stilt sandpiper	
	<u>Calidris mauri</u>	western sandpiper	
	<u>Calidris minutilla</u>	least sandpiper	
	<u>Calidris melanotos</u>	pectoral sandpiper	
	<u>Calidris pusilla</u>	semipalmated sandpiper	
	<u>Catoptrophorus semipalmatus</u>	willet	
	<u>Gallinago gallinago</u>	common snipe	1,3,7 (All)
	<u>Limnodromus griseus</u>	short-billed dowitcher	
	<u>Limnodromus scolopaceus</u>	long-billed dowitcher	
	<u>Limosa fedoa</u>	marbled godwit	1,7
	<u>Numenius phaeopus</u>	whimbrel	
	<u>Phalaropus lobatus</u>	red-necked phalarope	
	<u>Phalaropus tricolor</u>	Wilson's phalarope	(1,7,8)
	<u>Philomachus pugnax</u>	ruff	
	<u>Scolopax minor</u>	American woodcock	3,7,9 (All)
	<u>Tringa solitaria</u>	solitary sandpiper	
	<u>Tringa melanoleuca</u>	greater yellowlegs	
	<u>Tringa flavipes</u>	lesser yellowlegs	
	<u>Tryngites subruficollis</u>	buff-breasted sandpiper	
Family	Stercorariidae (jaegers and skuas)		
	<u>Stercorarius parasiticus</u>	parasitic jaeger	
Family	Laridae (gulls, and terns)		
Subfamily	Larinae (gulls)		
	<u>Larus argentatus</u>	herring gull	
	<u>Larus delawarensis</u>	ring-billed gull	

<u>Larus hyperboreus</u>	glaucous gull	
<u>Larus minutus</u>	little gull	
<u>Larus philadelphia</u>	Bonaparte's gull	(9)
<u>Larus pipixcan</u>	Franklin's gull	8 (1)
<u>Larus thayeri</u>	Thayer's gull	
Subfamily Sterninae (terns)		
<u>Chlidonias niger</u>	black tern	1,4,7,9 (All)
<u>Sterna caspia</u>	caspian tern	
<u>Sterna forsteri</u>	Forster's tern	4,8,9
<u>Sterna hirundo</u>	common tern	1
Family Alcidae (auks)		
<u>Synthliboramphus antiquus</u>	ancient murrelet	
Order Columbiformes (pigeons and doves)		
Family Columbidae (pigeons and doves)		
<u>Columba fasciata</u>	band-tailed pigeon	
<u>Columba livia</u>	rock dove	All
<u>Zenaida macroura</u>	mourning dove	All
Order Cuculiformes (cuckoos, roadrunners and anis)		
Family Cuculidae (cuckoos and anis)		
Subfamily Coccyzinae (cuckoos)		
<u>Coccyzus americanus</u>	yellow-billed cuckoo	1,9 (All)
<u>Coccyzus erythrophthalmus</u>	black-billed cuckoo	1,9 (All)
Subfamily Crotophaginae (anis)		
<u>Crotophaga sulcirostris</u>	groove-billed ani	
Order Strigiformes (owls)		
Family Strigidae (owls)		
<u>Aegolius acadicus</u>	northern saw-whet owl	8 (7)
<u>Aegolius funereus</u>	boreal owl	1
<u>Asio flammeus</u>	short-eared owl	7,3 (1)
<u>Asio otus</u>	long-eared owl	7 (all)
<u>Bubo virginianus</u>	great horned owl	All
<u>Nyctea scandiaca</u>	snowy owl	
<u>Otus asio</u>	Eastern screech owl	5,7 (all)
<u>Strix nebulosa</u>	great gray owl	
<u>Strix varia</u>	barred owl	8,9 (7)
<u>Surnia ulula</u>	northern hawk owl	
Order Caprimulgiformes (goatsuckers)		
Family Caprimulgidae (goatsuckers)		
Subfamily Chordeilinae (nighthawks)		
<u>Chordeiles minor</u>	common nighthawk	All?
Subfamily Caprimulginae (poor-wills)		
<u>Caprimulgus carolinensis</u>	chuck-will's-widow	
<u>Caprimulgus vociferus</u>	whip-poor-will	(All)

Order Apodiformes (swifts and hummingbirds)		
Family Apodidae (swifts)		
<u>Chaetura pelagica</u>	chimney swift	1,7 (All)
Family Trochilidae (hummingbirds)		
<u>Archilochus colubris</u>	ruby-throated hummingbird	1,7,9 (all)
Order Coraciiformes (kingfishers)		
Family Alcedinidae (kingfishers)		
<u>Ceryle alcyon</u>	belted kingfisher	1,7 (All)
Order Piciformes (woodpeckers)		
Family Picidae (woodpeckers)		
<u>Colaptes auratus</u>	northern flicker	1,4,7,9 (all)
<u>Dryocopus pileatus</u>	pileated woodpecker	3,7,8,9 (all)
<u>Melanerpes carolinus</u>	red-bellied woodpecker	1,7,9 (all)
<u>Melanerpes erythrocephalus</u>	red-headed woodpecker	2,7,9 (all)
<u>Picoides arcticus</u>	black-backed woodpecker	
<u>Picoides pubescens</u>	downy woodpecker	All?
<u>Picoides tridactylus</u>	three-toed woodpecker	
<u>Picoides villosus</u>	hairy woodpecker	All?
<u>Sphyrapicus varius</u>	yellow-bellied sapsucker	1,7,9 (all)
Order Passeriformes (passerines)		
Family Tyrannidae (flycatchers)		
Subfamily Fluvicolinae		
<u>Contopus borealis</u>	olive-sided flycatcher	
<u>Contopus virens</u>	eastern wood-pewee	1,7 (all)
<u>Empidonax alnorum</u>	alder flycatcher	1,7 (8)
<u>Empidonax flaviventris</u>	yellow-bellied flycatcher	
<u>Empidonax minimus</u>	least flycatcher	1,7 (all)
<u>Empidonax traillii</u>	willow flycatcher	1,7 (all ex.8)
<u>Empidonax virescens</u>	acadian flycatcher	
<u>Sayornis phoebe</u>	eastern phoebe	1,4,7,9 (all)
Subfamily Tyranninae		
<u>Myiarchus crinitus</u>	great crested flycatcher	1,7,9 (all)
<u>Tyrannus tyrannus</u>	eastern kingbird	1,3,7,9 (all)
<u>Tyrannus verticalis</u>	western kingbird	1,7,9 (3,8)
Family Alaudidae (larks)		
<u>Eremophila alpestris</u>	horned lark	7,9 (all)
Family Hirundinidae (swallows)		
<u>Hirundo pyrrhonota</u>	cliff swallow	1,7 (all)
<u>Hirundo rusica</u>	barn swallow	1,3,7,9 (all)
<u>Progne subis</u>	purple martin	1,7,9 (all)
<u>Riparia riparia</u>	bank swallow	1,7,9 (all)
<u>Stelgidopteryx serripennis</u>	N. rough-winged swallow	1,7 (all)
<u>Tachycineta bicolor</u>	tree swallow	1,3,7 (all)

Family Corvidae (jays, nuckers, magpies and crows)		
<u>Corvus brachyrhynchos</u>	American crow	All
<u>Corvus corax</u>	common raven	
<u>Cyanocitta cristata</u>	blue jay	1,7,9 (all)
<u>Nucifraga columbiana</u>	Clark's nutcracker	
<u>Perisoreus canadensis</u>	gray jay	
<u>Pica pica</u>	black-billed magpie	
Family Paridae (chickadees and titmice)		
<u>Parus atricapillus</u>	black-capped chickadee	1,3,7,9 (all)
<u>Parus bicolor</u>	tufted titmouse	
<u>Parus hudsonicus</u>	boreal chickadee	
Family Sittidae (nuthatches)		
<u>Sitta canadensis</u>	red-breasted nuthatch	7 (9)
<u>Sitta carolinensis</u>	white-breasted nuthatch	1,7,9 (all)
Family Certhiidae (creepers)		
<u>Certhia americana</u>	brown creeper	7 (8,9)
Family Troglodytidae (wrens)		
<u>Cistothorus palustris</u>	marsh wren	1,7,9 (all)
<u>Cistothorus platensis</u>	sedge wren	1 (all)
<u>Thryomanes bewickii</u>	bewick's wren	
<u>Thryothorus ludovicianus</u>	carolina wren	
<u>Troglodytes aedon</u>	house wren	1,2,3,7,9 (all)
<u>Troglodytes troglodytes</u>	winter wren	(7)
Family Mimidae (mimic thrushes)		
<u>Dumetella carolinensis</u>	gray catbird	1,3,7,9 (all)
<u>Mimus polyglottos</u>	northern mockingbird	
<u>Toxostoma rufum</u>	brown thrasher	1,3,7,9 (all)
Family Turdidae (thrushes)		
<u>Catharus fuscescens</u>	veery	1 (7,9)
<u>Catharus guttatus</u>	hermit thrush	
<u>Catharus minimus</u>	gray-cheeked thrush	
<u>Catharus ustulatus</u>	Swainson's thrush	
<u>Hylocichla mustelina</u>	wood thrush	4 (5,7,8,9)
<u>Ixoreus naevius</u>	varied thrush	
<u>Myadestes townsendi</u>	Townsend's solitaire	
<u>Sialia sialis</u>	eastern bluebird	All
<u>Sialia currucoides</u>	mountain bluebird	
<u>Turdus migratorius</u>	American robin	All
Family Sylviidae (kinglets and gnatcatchers)		
<u>Poliophtila caerulea</u>	blue-gray gnatcatcher	4,5 (7,9)
<u>Regulus calendula</u>	ruby-crowned kinglet	(7)
<u>Regulus satrapa</u>	golden-crowned kinglet	
Family Motacillidae (pipits)		
<u>Anthus spinoletta</u>	water pipit	

Family Bombycillidae (waxwings)		
<u>Bombycilla cedrorum</u>	cedar waxwing	1,7,9 (all)
<u>Bombycilla garrulus</u>	Bohemian waxwing	
Family Laniidae (shrikes)		
<u>Lanius excubitor</u>	northern shrike	
Lanius ludovicianus	loggerhead shrike	3,7,9 (1,4,5)
Family Sturnidae (starlings)		
<u>Sturnus vulgaris</u>	European starling	All
Family Vireonidae (vireos)		
<u>Vireo bellii</u>	bell's vireo	
<u>Vireo flavifrons</u>	yellow-throated vireo	1,7,9 (all)
<u>Vireo gilvus</u>	warbling vireo	1,3,7,9 (all)
<u>Vireo griseus</u>	white-eyed vireo	
<u>Vireo olivaceus</u>	red-eyed vireo	1,7,9 (all)
<u>Vireo philadelphicus</u>	Philadelphia vireo	
<u>Vireo solitarius</u>	solitary vireo	
Family Parulidae (warblers)		
<u>Dendroica castanea</u>	bay-breasted warbler	(4,7)
Dendroica cerulea	cerulean warbler	1 (4,7,8,9)
<u>Dendroica caerulescens</u>	black-throated blue warbler	
<u>Dendroica coronata</u>	yellow-rumped warbler	
<u>Dendroica dominica</u>	yellow-throated warbler	(1)
<u>Dendroica fusca</u>	blackburnian warbler	
<u>Dendroica magnolia</u>	magnolia warbler	
<u>Dendroica palmarum</u>	palm warbler	
<u>Dendroica pensylvanica</u>	chestnut-sided warbler	(7,8)
<u>Dendroica petechia</u>	yellow warbler	1,3,7,9 (all)
<u>Dendroica pinus</u>	pine warbler	(8)
<u>Dendroica striata</u>	blackpoll warbler	
<u>Dendroica tigrina</u>	Cape May warbler	
<u>Dendroica virens</u>	black-throated green warbler	(9)
<u>Geothlypis trichas</u>	common yellowthroat	1,7 (all)
<u>Icteria virens</u>	yellow-breasted chat	
<u>Mniotilta varia</u>	black-and-white warbler	
<u>Oporornis agilis</u>	Connecticut warbler	
<u>Oporornis formosus</u>	Kentucky warbler	
<u>Oporornis philadelphia</u>	mourning warbler	(8)
<u>Parula americana</u>	northern parula	
<u>Protonotaria citrea</u>	prothonotary warbler	
<u>Seiurus aurocapillus</u>	ovenbird	1,7 (all)
Seiurus motacilla	Louisiana waterthrush	(4,6)
<u>Seiurus noveboracensis</u>	northern waterthrush	
<u>Setophaga ruticilla</u>	American redstart	4,7 (all)
<u>Vermivora celata</u>	orange-crowned warbler	
<u>Vermivora chrysoptera</u>	golden-winged warbler	
<u>Vermivora peregrina</u>	Tennessee warbler	
<u>Vermivora pinus</u>	blue-winged warbler	
<u>Vermivora ruficapilla</u>	Nashville warbler	(8)
<u>Wilsonia canadensis</u>	Canada warbler	

	<u>Wilsonia citrina</u>	hooded warbler	
	<u>Wilsonia pusilla</u>	Wilson's warbler	
Family	Ploceidae (weaver finches)		
	<u>Passer domesticus</u>	house sparrow	all
Family	Icteridae (blackbirds, bobolinks, orioles, cowbirds, grackles and meadowlarks)		
	<u>Agelaius phoeniceus</u>	red-winged blackbird	all
	<u>Dolichonyx oryzivorus</u>	bobolink	1,3,7 (all)
	<u>Euphagus carolinus</u>	rusty blackbird	
	<u>Euphagus cyanocephalus</u>	brewer's blackbird	1,7,8 (all)
	<u>Icterus galbula</u>	Northern oriole	1,3,7,9 (all)
	<u>Icterus spurius</u>	orchard oriole	1,9 (all ex.8)
	<u>Molothrus ater</u>	brown-headed cowbird	1,7,9 (all)
	<u>Quiscalus quiscula</u>	common grackle	1,7,9 (all)
	<u>Sturnella magna</u>	Eastern meadowlark	(4,6,7,8,9)
	<u>Sturnella neglecta</u>	Western meadowlark	1 (all)
	<u>Xanthocephalus xanthocephalus</u>	yellow-headed blackbird	1,7,8,9 (all)
Family	Thraupidae (tanagers)		
	<u>Piranga ludoviciana</u>	western tanager	
	<u>Piranga olivacea</u>	scarlet tanager	1,2,7 (all)
	<u>Piranga rubra</u>	summer tanager	
Family	Fringillidae (finches, grosbeaks, buntings, sparrows)		
	Subfamily Carduelinae		
	<u>Carduelis flammea</u>	common redpoll	
	<u>Carduelis hornemanni</u>	hoary redpoll	
	<u>Carduelis pinus</u>	pine siskin	7 (8,9)
	<u>Carduelis tristis</u>	American goldfinch	1,2,7,9 (all)
	<u>Carpodacus mexicanus</u>	house finch	? (1)
	<u>Carpodacus purpureus</u>	purple finch	(7,8)
	<u>Coccothraustes vespertinus</u>	evening grosbeak	
	<u>Loxia curvirostra</u>	red crossbill	
	<u>Loxia leucoptera</u>	white-winged crossbill	
	<u>Pinicola enucleator</u>	pine grosbeak	
	Subfamily Cardinalinae		
	<u>Cardinalis cardinalis</u>	northern cardinal	2,7 (all)
	<u>Passerina amoena</u>	lazuli bunting	
	<u>Passerina cyanea</u>	indigo bunting	1,7 (all)
	<u>Pheucticus ludovicianus</u>	rose-breasted grosbeak	1,2,3,7,9 (all)
	<u>Spiza americana</u>	dickcissel	1,7 (all ex.8)
	Subfamily Emberizinae		
	<u>Ammodramus caudacutus nelsoni</u>	Nelson's sharp-tailed sp.	
	<u>Ammodramus henslowii</u>	Henslow's sparrow	1
	<u>Ammodramus leconteii</u>	LeConte's sparrow	7 (all)
	<u>Ammodramus savannarum</u>	grasshopper sparrow	1 (all)
	<u>Calamospiza melanocorys</u>	lark bunting	
	<u>Calcarius lapponicus</u>	lapland longspur	
	<u>Calcarius mccownii</u>	McCown's longspur	
	<u>Calcarius pictus</u>	Smith's longspur	
	<u>Chondestes grammacus</u>	lark sparrow	5 (4,6)

<u>Junco hyemalis</u>	dark-eyed junco	
<u>Melospiza georgiana</u>	swamp sparrow	1,7,9 (all)
<u>Melospiza lincolni</u>	Lincoln's sparrow	
<u>Melospiza melodia</u>	song sparrow	1,3,7,9 (all)
<u>Passerculus sandwichensis</u>	savannah sparrow	1 (all)
<u>Passerella iliaca</u>	fox sparrow	
<u>Pipilo erythrophthalmus</u>	rufous-sided towhee	
<u>Plectrophenax nivalis</u>	snow bunting	
<u>Poocetes gramineus</u>	vesper sparrow	1,7 (all)
<u>Spizella arborea</u>	American tree sparrow	
<u>Spizella pallida</u>	clay-colored sparrow	1,7 (all)
<u>Spizella passerina</u>	chipping sparrow	1,4,7,9 (all)
<u>Spizella pusilla</u>	field sparrow	1,2,7 (all)
<u>Zonotrichia albicollis</u>	white-throated sparrow (7,8)	
<u>Zonotrichia leucophrys</u>	white-crowned sparrow	
<u>Zonotrichia querula</u>	Harris' sparrow	

Fishes of the Litchfield WMD

(from The Fishes of the Minnesota Region by Phillips et al.)

(**Bold** indicates listed species)

Family Petromyzontidae (Lamprey)	<u>Ichthyomyzon castaneus</u>	chestnut lamprey
Family Acipenseridae (sturgeon)	Acipenser fulvescens	lake sturgeon
	<u>Scaphirhynchus platorhynchus</u>	shovelnose sturgeon
Family Plyodontidae (paddlefish)	Polyodon spathula	paddlefish
Family Lepisosteidae (gar)	<u>Lepisosteus osseus</u>	long-nosed gar
	<u>Lepisosteus platostomus</u>	short-nosed gar
Family Amiidae (bowfin)	<u>Amia calua</u>	bowfin
Family Hiodontidae (mooneye)	<u>Hioden alosoides</u>	goldeye
	<u>Hioden tergisus</u>	mooneye
Family Clupeidae (herring)	<u>Dorosoma cepedianum</u>	gizzard shad
Family Anguillidae (freshwater eel)	<u>Anguilla rostrata</u>	American eel
Family Esocidae (pike)	<u>Esox lucius</u>	northern pike
	<u>Esox masquinongy</u>	muskellunge
Family Umbridae (mud minnow)	<u>Umbra limi</u>	central mud minnow
Family Salmonidae (salmon)	<u>Salmo gairdneri</u>	rainbow trout
	<u>Salmo trutta</u>	brown trout
Family Cyprinidae (minnows)	<u>Campostoma anomalum</u>	common stoneroller
	<u>Carassius auratus</u>	goldfish
	<u>Ctenopharyngodon idella</u>	grass carp
	<u>Cyprinus carpio</u>	carp
	<u>Hybognathus hankinsoni</u>	brassy minnow
	<u>Hybognathus nuchalis</u>	silver minnow
	<u>Hybopsis aestivalis</u>	speckled chub
	<u>Hybopsis storeriana</u>	silver chub
	<u>Nocomis biguttatus</u>	hornyhead chub
	<u>Notemigonus crysoleucas</u>	golden shiner

Notropis anogenusNotropis atherinoidesNotropis blennioidesNotropis cornutusNotropis dorsalisNotropis heterodonNotropis heterolepisNotropis hudsoniusNotropis rubellusNotropis spilopterusNotropis stramineusNotropis texanusNotropis volucellusPhoxinus eosPhoxinus neogaeusPimephales notatusPimephales promelasRhinichthys atratulusRhinichthys cataractaeSemotilus atromaculatusSemotilus margarita**pugnose shiner**

emerald shiner

river shiner

common shiner

bigmouth shiner

black chin shiner

black nose shiner

spottail shiner

rosyface shiner

spotfin shiner

sand shiner

weed shiner

mimic shiner

northern redbelly dace

finescale dace

bluntnose minnow

fathead minnow

blacknose dace

longnose dace

creek chub

pearl dace

Family Catostomidae (sucker)

Carpionoxenus carpioCarpionoxenus cyprinusCarpionoxenus veliferCatostomus commersoniHypentelium nigricansIctiobus cyprinellusMoxostoma anisurumMoxostoma erythrurumMoxostoma macrolepidotum

river carpsucker

quillback

highfin carpsucker

white sucker

northern hog sucker

bigmouth buffalo

silver redhorse

golden redhorse

shorthead redhorse

Family Ictaluridae (catfish)

Ictalurus melasIctalurus natalisIctalurus nebulosusIctalurus punctatusNoturus flavusNoturus gyrinusPylodictis olivaris

black bullhead

yellow bullhead

brown bullhead

channel catfish

stonecat

tadpole mudtom

flathead catfish

Family Percopsidae (trout-perch)

Percopsis omiscomaycus

trout-perch

Family Andidae (codfish)

Lota lota

burbot

Family Cyprinodontidae (killifish)

Fundulus diaphanus

banded killifish

Family Atherinidae (silverside)

Labidesthes sicculus

brook silverside

Family Gasterosteidae (stickleback)	
<u>Culaea inconstans</u>	brook stickleback
Family Cottidae (sculpin)	
<u>Cottus bairdi</u>	mottled sculpin
Family Percichthyidae (temperate bass)	
<u>Morone chrysops</u>	white bass
Family Centrarchidae (sunfish)	
<u>Ambloplites rupestris</u>	rock bass
<u>Lepomis cyanellis</u>	green sunfish
<u>Lepomis gibbosus</u>	pumpkinseed
<u>Lepomis humilis</u>	orange-spotted sunfish
<u>Lepomis macrochirus</u>	bluegill
<u>Lepomis megalotis</u>	longear sunfish
<u>Micropterus dolomieu</u>	smallmouth bass
<u>Micropterus salmoides</u>	largemouth bass
<u>Pomoxis annularis</u>	white crappie
<u>Pomoxis nigromaculatus</u>	black crappie
Family Percidae (perch)	
<u>Ammocrypta clara</u>	western sand darter
<u>Etheostoma caeruleum</u>	rainbow darter
<u>Etheostoma exile</u>	Iowa darter
<u>Etheostoma flabellare</u>	fantail darter
<u>Etheostoma microperca</u>	least darter
<u>Etheostoma nigrum</u>	johnny darter
<u>Etheostoma zonale</u>	banded darter
<u>Perca flavescens</u>	yellow perch
<u>Percina caprodes</u>	log perch
<u>Percina maculata</u>	blackside darter
<u>Percina phoxocephala</u>	slenderhead darter
<u>Stizostedion canadense</u>	sauger
<u>Stizostedion vitreum</u>	walleye
Family Scombridae (drum)	
<u>Aplocheilichthys grunniens</u>	freshwater drum

Mammals of the Litchfield WMD (63 species)

(from The Mammals of Minnesota by Hazard)

(**Bold** type indicates listed species)

Key

Order

Family

Scientific Name

common name

breeding counties (possible)

County numbers

1 = Kandiyohi

2 = McLeod

3 = Meeker

4 = Nicollet

5 = Renville

6 = Sibley

7 = Stearns

8 = Todd

9 = Wright

Order Polyprotodonta (opossums and allies)

Family Didelphidae (new world opossums)

Didelphis marsupialis

Opossum

1,4,6,7 (3,5)

Order Insectivora (insectivores)

Family Soricidae (shrews)

Blarina brevicauda

Short-tailed Shrew

All

Microsorex hoyi

Pygmy Shrew

(9)

Sorex arcticus

Arctic Shrew

7,8 (2,9)

Sorex cinereus

Masked Shrew

All (4,8)

Sorex palustris

N. Water Shrew

7 (9)

Family Talpidae (moles)

Condylura cristata

Star-nosed Mole

(9)

Scalopus aquaticus

Eastern Mole

4,5,7 (8)

Order Chiroptera (bats)

Family Vespertilionidae (vespertilionid bats)

Eptesicus fuscus

Big Brown Bat

4,7 (9)

Lasionycteris noctivagans

Silver-haired Bat

1,9 (3,7)

Lasiurus borealis

Red Bat

(2,4)

Lasiurus cinereus

Hoary Bat

3 (7,9)

Myotis lucifugus

Little Brown Myotis

7,9 (4,6)

Myotis keeni septentrionalis

Northern(Keen's) Myotis

7 (9)

Pipistrellus subflavus

Eastern Pipistrelle

4,7 (9)

Order Lagomorpha (rabbits, hares and pikas)

Family Leporidae (rabbits and hares)

Lepus americanus

Varying or Snowshoe Hare

(7,8,9)

Lepus townsendio

White-tailed Jackrabbit

All (2,4,8,9)

Sylvilagus floridanus

Eastern Cottontail Rabbit

All (2,4)

Order Rodentia (rodents)

Family Sciuridae (squirrels)

<u>Glaucomys sabrinus</u>	Northern Flying Squirrel	(8,9)
<u>Glaucomys volans</u>	Southern Flying Squirrel	5,7,9 (4)
<u>Marmata monax</u>	Woodchuck	All (5,6)
<u>Sciurus carolinensis</u>	Eastern Gray Squirrel	All (3,6)
<u>Sciurus niger</u>	Eastern Fox Squirrel	All
<u>Spermophilus franklinii</u>	Franklin's Ground Squirrel	1,5,6,9 (2,7,8)
<u>Spermophilus tridecemlineatus</u>	13-lined Ground Squirrel	All
<u>Tamias striatus</u>	Eastern Chipmunk	All (4,6)
<u>Tamiasciurus hudsonicus</u>	Red Squirrel	All (3)

Family Geomyidae (pocket gophers)

<u>Geomys bursarius</u>	Plains Pocket Gopher	All (2,4,6,9)
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Family Heteromyidae (pocket mice and kangaroo rats)

<u>Perognathus flavescens</u>	Plains Pocket Mouse	(7,9)
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Family Castoridae (beaver)

<u>Castor canadensis</u>	Beaver	All (5)
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Family Cricetidae (voles, lemmings, new world rats and mice)

Subfamily Cricetinae (new world rats and mice)

<u>Onychomys leucogaster</u>	Northern Grasshopper Mouse	1,5
<u>Peromyscus leucopus</u>	White-footed Mouse	All
<u>Peromyscus maniculatus bairdii</u>	Prairie Deer Mouse	All (5)
<u>Peromyscus maniculatus gracilis</u>	Woodland Deer Mouse	(7,8)
<u>Reithrodontomys megalotis</u>	Western Harvest Mouse	5 (4,9)

Subfamily Microtinae (voles and lemmings)

<u>Clethrionomys gapperi</u>	Southern Red-backed Vole	1,5,7,8,9 (3)
<u>Microtus ochrogaster</u>	Prairie Vole	(9)
<u>Microtus pennsylvanicus</u>	Meadow Vole	All
<u>Ondatra zibethica</u>	Muskrat	All
<u>Synaptomys cooperi</u>	Southern Bog Lemming	(9)

Family Muridae (old world rats and mice)

<u>Mus musculus</u>	House Mouse	All
<u>Rattus norvegicus</u>	Norway Rat	All

Family Zapodidae (jumping mice)

<u>Napaeozapus insignis</u>	Woodland Jumping Mouse	(8)
<u>Zapus hudsonius</u>	Meadow Jumping Mouse	All (5)

Family Erithizontidae (arboreal, or new world, porcupines)

<u>Erithizon dorsatum</u>	Porcupine	(8)
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Order Carnivora (carnivores)

Family Canidae (dogs)

<u>Canis latrans</u>	Coyote	All
<u>Canis lupus</u>	Timber (Gray) Wolf	1,8 (?)
<u>Urocyon cinereoargenteus</u>	Gray Fox	All
<u>Vulpes fulva</u>	Red Fox	All

Family Ursidae (bears)		
<u>Ursus americanus</u>	Black Bear	1,7,8
Family Procyonidae (raccoons and allies)		
<u>Procyon lotor</u>	Raccoon	All
Family Mustelidae (weasels and allies)		
<u>Lutra canadensis</u>	River Otter	7,8 (?)
<u>Mephitis mephitis</u>	Striped Skunk	All
<u>Mustela erminea</u>	Short-tailed Weasel	All (2,6)
<u>Mustela frenata</u>	Long-tailed Weasel	1,4,9 (All)
Mustela nivalis	Least Weasel	5 (1)
<u>Mustela vison</u>	Mink	All
Spilogale putorius	Spotted Skunk	All
<u>Taxidea taxus</u>	Badger	All
Family Felidae (cats)		
Felis concolor	Cougar (Mountain Lion)	?
Lynx canadensis	Lynx	(8)
<u>Lynx rufus</u>	Bobcat	9 (7,8)
Order Artiodactyla (even-toed ungulates)		
Family Cervidae (deer)		
<u>Alces alces</u>	Moose	7,(8) (all;
brainworm)		
<u>Odocoileus hemionus</u>	Mule Deer	(7,8)
<u>Odocoileus virginiana</u>	White-tailed Deer	All
Domestic and Feral Mammals		
<u>Bison bison</u>	Buffalo	
<u>Bos taurus</u>	Cow	
<u>Canis familiaris</u>	Dog	
<u>Capra hircus</u>	Goat	
<u>Cavia porcellus</u>	Guinea Pig	
<u>Cervus dama</u>	Fallow Deer (other deer species are kept in “deer parks”)	
<u>Cervus elaphus</u>	Elk	
<u>Chinchilla sp.</u>	Chinchilla	
<u>Equus caballus</u>	Horse	
<u>Felis catus</u>	House Cat	
<u>Meriones</u> and other genera	Gerbils	
<u>Mesocricetus auratus</u>	Golden Hamster	
<u>Mus musculus</u>	Laboratory Mouse	
<u>Mustela putorius</u>	Ferret	
<u>Mustela vison</u>	Ranch Mink	
<u>Mycastor coypus</u>	Nutria	
<u>Ovis aries</u>	Sheep	
<u>Oryctolagus cuniculus</u>	Domestic Rabbit	
<u>Rattus norvegicus</u>	Laboratory Rat	
<u>Sus scrofa</u>	Pig	
<u>Vulpes vulpes</u>	Fur Farm Fox	

Reptiles of the Litchfield WMD (21 species, 2 subspecies)
 (from Amphibians and Reptiles Native to Minnesota by Oldfield and Moriarity)
 (**Bold** indicates listed species)

Key

Order

Family

Scientific Name

common name

breeding counties (possible)

County numbers

- 1 = Kandiyohi
- 2 = McLeod
- 3 = Meeker
- 4 = Nicollet
- 5 = Renville
- 6 = Sibley
- 7 = Stearns
- 8 = Todd
- 9 = Wright

Order Testudines (turtles and tortoises)

Family Chelydridae (snapping turtles)

Chelydra serpentina serpentina

snapping turtle

All (6)

Family Emydidae (box and water turtles)

Chrysemys picta belli

Western painted turtle

All (5,6)

Emydoidea blandingii

Blanding's turtle

7,8,9 (3,4)

Graptemys geographica

common map turtle

7,9 (4,6)

Graptemys pseudogeographica

false map turtle

4(6,9)

Family Trionychidae (softshell turtles)

Apalone mutica mutica

midland smooth softshell

9 (4,6)

Apalone spiniferus hartwegi

western spiny softshell

1,2,3,4,5,7,9 (6,8)

Order Squamata (lizards and snakes)

Suborder Lacertilia (lizards)

Family Scincidae (skinks)

Eumeces septentrionalis septentrionalis

northern prairie skink

All (3,6,7)

Eumeces fasciatus

five-lined skink

5 (4)

Suborder Serpentes (snakes)

Family Colubridae (colubrids)

Coluber constrictor flaviventris

eastern yellowbelly racer

(4,6,9)

Elaphe vulpina vulpina

western fox snake

4,5 (6,9)

Heterodon nasicus nasicus

western hognose snake

1 (7,9)

Heterodon platyrhinos

eastern hognose snake

7,8,9 (3)

Lampropeltis triangulum triangulum

eastern milk snake

4,5,6 (2,9)

Nerodia sipedon sipedon

northern water snake

4,9 (6)

Opheodrys vernalis

smooth green snake

1 (5,7,8,9)

Pituophis catenifer sayi

bullsnake

4,5,6 (2,6,9)

Storeria dekayi texana

Texas brown snake

1,2,4,6,7,9 (3,8)

Storeria occipitomaculata occipitomaculata

northern redbelly snake

All (2,3,8)

Storeria occipitomaculata pahasapae

black hills redbelly snake

All (2,3,8)

Thamnophis radix haydeni

western plains garter snake

All

Thamnophis sirtalis parietalis

red-sided garter snake

All (west)

Thamnophis sirtalis sirtalis

eastern garter snake

All

Plants of the Litchfield WPAs 468 species

Species in **bold** type are state or federal listed species

Species in *italics* are non-native species

<i>Abutilon theophrasti</i>	<i>Velvet-leaf</i>
<i>Acer ginnala</i>	<i>Maple, Siberian</i>
<i>Acer negundo</i>	Boxelder
<i>Acer saccharinum</i>	Maple, Silver
<i>Acer saccharum</i>	Maple, Sugar
<i>Achillea millefolium ssp. lanulosa</i>	Yarrow
<i>Acorus calamus</i>	Flag, Sweet
<i>Actaea rubra</i>	Baneberry, Red
<i>Agalinis auriculata</i>	Foxglove, Eared False
<i>Agalinis tenuifolia</i>	False Foxglove, Tenderleaf
<i>Agastache foeniculum</i>	Hyssop, Fragrant Giant
<i>Agoseris glauca</i>	Dandelion, False
<i>Agrimonia gryposepala</i>	Agrimony, Hooked
<i>Agropyron caninum</i>	
<i>ssp. majus v. unilaterale</i>	Wheatgrass, Slender
<i>Agropyron elongatum</i>	<i>Wheatgrass, Tall</i>
<i>Agropyron intermedium</i>	<i>Wheatgrass, Intermediate</i>
<i>Agropyron smithii</i>	Wheatgrass, Western
<i>Agrostis scabra</i>	Grass, Tickle
<i>Agrostis stolonifera</i>	<i>Redtop</i>
<i>Alisma triviale</i>	Plantain, Large-flowered Water
<i>Allium stellatum</i>	Onion, Wild
<i>Allium tricoccum</i>	Leek, Wild
<i>Alnus incana ssp. rugosa</i>	Alder, Speckled
<i>Alopecurus</i>	Foxtail
<i>Amaranthus graecizans</i>	Pigweed, Prostrate
<i>Amaranthus retroflexus</i>	Pigweed, Rough
<i>Ambrosia artemisifolia</i>	Ragweed, Common
<i>Ambrosia psilostachya</i>	Ragweed, Western
<i>Ambrosia trifida</i>	Ragweed, Giant
<i>Amelanchier humilis</i>	Serviceberry, Low
<i>Amorpha canescens</i>	Leadplant
<i>Amorpha fruticosa</i>	Indigo, False
<i>Amorpha nana</i>	Indigo, Dwarf Wild
<i>Amphicarpaea bracteata</i>	Hog Peanut
<i>Andropogon gerardii</i>	Bluestem, Big
<i>Anemone canadensis</i>	Windflower
<i>Anemone cylindrica</i>	Thimbleweed
<i>Anemone patens</i>	Pasque Flower
<i>Anemone quinquefolia</i>	Anemone, Wood
<i>Anemone virginiana</i>	Anemone, Tall
<i>Anemonella thalictroides ?</i>	Anemone, Rue
<i>Antennaria neglecta</i>	Pussytoes, Field
<i>Apocynum androsaemifolium</i>	Dogbane, Spreading
<i>Apocynum cannabinum</i>	Dogbane, Indian Hemp
<i>Aquilegia canadensis</i>	Columbine, Wild

<i>Aralia racemosa</i>	Spikenard
<i>Arctium minus</i>	<i>Burdock</i>
<i>Arisaema triphyllum</i>	Jack-in-the-Pulpit
<i>Aristida</i>	Three-awn
<i>Artemisia absinthium</i>	<i>Wormwood</i>
<i>Artemisia campestris ssp.caudata</i>	Sagewort, Western
<i>Artemisia dracuncululus</i>	Wormwood, Silky
<i>Artemisia frigida</i>	Sagewort, Prairie
<i>Artemisia ludoviciana</i>	Sage, White
<i>Asclepias incarnata</i>	Milkweed, Swamp
<i>Asclepias speciosa</i>	Milkweed, Showy
<i>Asclepias syriaca</i>	Milkweed, Common
<i>Asclepias verticillata</i>	Milkweed, Whorled
<i>Asclepias viridiflora</i>	Milkweed, Green
<i>Asparagus officinalis</i>	<i>Asparagus</i>
<i>Aster ericoides</i>	Aster, Heath
<i>Aster hesperius ?</i>	Aster, Marsh
<i>Aster laevis</i>	Aster, Smooth Blue
<i>Aster lanceolatus</i>	Aster, Eastern Lined
<i>Aster lateriflorus</i>	Aster, White Woodland
<i>Aster novae-angliae</i>	Aster, New England
<i>Aster oblongifolius</i>	Aster, Aromatic
<i>Aster oolentangiensis</i>	Aster, Azure
<i>Aster pilosus ?</i>	Aster, Hairy
<i>Aster puniceus ssp firmus</i>	Aster, Shining
<i>Aster puniceus ssp puniceus</i>	Aster, Red-stalked
<i>Aster sagittifolius</i>	Aster, Arrow-leaved
<i>Aster sericeus</i>	Aster, Silky
<i>Aster umbellatus</i>	Aster, Flat-top
<i>Astragalus adsurgens</i>	Milkvetch, Standing
<i>Astragalus agrestis</i>	Milkvetch, Field
<i>Astragalus canadensis</i>	Milkvetch, Canada
<i>Astragalus crassicaarpus</i>	Groundplum
<i>Avena sativa</i>	<i>Oats</i>
<i>Berteroa incana</i>	<i>Alyssum, Hoary False</i>
<i>Betula glandulosa</i>	Birch, Bog
<i>Betula papyrifera</i>	Birch, Paper
<i>Bidens cernua</i>	Beggartick, Nodding
<i>Boehmeria cylindrica</i>	Nettle, Wood
<i>Botrychium virginianum</i>	Fern, Rattlesnake
<i>Bouteloua curtipendula</i>	Gramma, Sideoats
<i>Bouteloua gracilis</i>	Gramma, Blue
<i>Bouteloua hirsuta</i>	Gramma, Hairy
<i>Brassica kaber</i>	Charlock
<i>Bromus ciliatus</i>	Brome, Fringed
<i>Bromus inermis</i>	<i>Brome, Smooth</i>
<i>Bromus japonicus</i>	<i>Brome, Japanese</i>
<i>Bromus kalmii</i>	Brome, Kalm's
<i>Calamagrostis canadensis</i>	Bluejoint
<i>Calamovilfa longifolia</i>	Sandreed, Prairie
<i>Caltha palustris</i>	Marigold, Marsh
<i>Calylophus serrulatus</i>	Primrose, Plains Yellow
<i>Calystegia sepium v.angulata</i>	Bindweed, Hedge
<i>Campanula aparinoides</i>	Harebell, Marsh

<i>Campanula rapunculoides</i>	<i>Harebell, Creeping</i>
<i>Campanula rotundifolia</i>	Harebell
<i>Cannabis sativa</i>	<i>Hemp</i>
<i>Capsella bursa-pastoris</i>	<i>Shepherd's Purse</i>
<i>Caragana arborescens</i>	<i>Pea-shrub, Siberian</i>
<i>Carduus acanthoides</i>	<i>Thistle, Plumeless</i>
<i>Carex</i>	Sedge
<i>Carex bicknellii</i>	Sedge, Bicknell's
<i>Carex buxbaumii</i>	Sedge, Brown Bog
<i>Carex meadii</i>	Sedge, Mead's
<i>Carex stricta</i>	Sedge, Tussock
<i>Carex tetanica</i>	Sedge, Rigid
<i>Carex utriculata</i>	Sedge, Beaked
<i>Castilleja sessiliflora</i>	Paintbrush, Downy
<i>Caulophyllum thalictroides</i>	Cohosh, Blue
<i>Celastrus scandens</i>	Bittersweet, American
<i>Celtis occidentalis</i>	Hackberry
<i>Centaurea maculosa</i>	<i>Knapweed, Spotted</i>
<i>Cerastium vulgatum</i>	<i>Chickweed, Common Mouseear</i>
<i>Chenopodium</i>	Goosefoot
<i>Chenopodium album</i>	<i>Lamb's Quarters</i>
<i>Chenopodium gigantospermum</i>	Goosefoot, Maple-leaved
<i>Chrysanthemum leucanthemum</i>	<i>Chrysanthemum</i>
<i>Chrysopsis villosa</i>	Goldenaster
<i>Cicuta maculata</i>	Hemlock, Common Water
<i>Circaea lutetiana ssp.canadensis</i>	Nightshade, Enchanter's
<i>Cirsium altissimum</i>	Thistle, Tall
<i>Cirsium arvense</i>	<i>Thistle, Canada</i>
<i>Cirsium discolor</i>	Thistle, Field
<i>Cirsium flodmanii</i>	Thistle, Flodman's
<i>Cirsium hillii</i>	Thistle, Hill's
<i>Cirsium muticum</i>	Thistle, Swamp
<i>Cirsium vulgare</i>	<i>Thistle, Bull</i>
<i>Comandra umbellata</i>	Toad-flax, Bastard
<i>Convolvulus arvensis</i>	<i>Bindweed, Field</i>
<i>Conyza canadensis</i>	Horseweed
<i>Coreopsis palmata</i>	Tickseed, Stiff
<i>Cornus foemina</i>	Dogwood, Gray
<i>Cornus stolonifera</i>	Dogwood, Red Osier
<i>Corylus americana</i>	Hazelnut
<i>Crataegus</i>	Hawthorn
<i>Cryptotaenia canadensis</i>	Honewort
<i>Cyperus</i>	Flatsedge
<i>Cypripedium calceolus v. parviflorum</i>	Lady's-slipper, Small Yellow
<i>Cypripedium candidum</i>	Lady's-slipper, Small White
<i>Cypripedium reginae</i>	Lady's-slipper, Showy
<i>Dactylis glomerata</i>	<i>Grass, Orchard</i>
<i>Dalea candida</i>	Prairieclover, White
<i>Dalea purpurea</i>	Prairieclover, Purple
<i>Dalea villosa</i>	Prairieclover, Silky
<i>Daucus carota</i>	<i>Carrot, Wild</i>
<i>Delphinium virescens</i>	Larkspur, Prairie
<i>Desmanthus illinoensis</i>	Bundleflower, Illinois
<i>Desmodium canadense</i>	Tick-trefoil, Canada

<i>Dichanthelium leibergii</i>	Panicgrass, Leiberg's
<i>Dichanthelium lineriaefolium</i>	Panicgrass, Slimleaf
<i>Dichanthelium oligosanthes scribnerianum</i>	Panicgrass, Scribner's
<i>Dichanthelium wilcoxianum</i>	Panicgrass, Fall
<i>Digitaria ischaemum</i>	Crabgrass, Smooth
<i>Dirca palustris</i> ?	Leatherwood
<i>Echinacea pallida v. angustifolia</i>	Coneflower, Purple
<i>Echinochloa crusgalli</i>	Grass, Barnyard
<i>Echinocystis lobata</i>	Cucumber, Wild
<i>Elaeagnus angustifolia</i>	Olive, Russian
<i>Eleocharis</i>	Spikerush
<i>Elodea</i>	Waterweed
<i>Elymus canadensis</i>	Wildrye, Canada
<i>Elymus trachycalus</i>	Wildrye,
<i>Elytrigia repens</i>	Quackgrass
<i>Equisetum arvense</i>	Horsetail, Field
<i>Equisetum (branched)</i>	Horsetail
<i>Equisetum hymenale</i>	Horsetail, Common
<i>Eragrostis</i>	Lovegrass
<i>Erigeron philadelphicus</i>	Fleabane, Philadelphia
<i>Erigeron strigosus</i>	Fleabane, Daisy
<i>Eupatorium maculatum</i>	Joe-pye Weed
<i>Eupatorium perfoliatum</i>	Boneset
<i>Eupatorium purpureum v. holzingeri</i> ?	Joe-Pye Weed, Sweet
<i>Euphorbia esula</i>	Spurge, Leafy
<i>Euthamia graminifolia</i>	Goldenrod, Grass-leaved
<i>Festuca arundinacea</i>	Fescue, Tall
<i>Fragaria virginiana</i>	Strawberry, Wild
<i>Fraxinus pennsylvanica</i>	Ash, Green
<i>Galearis spectabilis</i>	Orchis, Showy
<i>Galium aparine</i>	Bedstraw, Catchweed
<i>Galium boreale</i>	Bedstraw, Northern
<i>Gentiana andrewsii</i>	Gentian, Closed
<i>Gentiana puberulenta</i>	Gentian, Downy
<i>Gentianopsis crinita</i>	Gentian, Fringed
<i>Geranium maculatum</i>	Cranesbill, Wild
<i>Geum aleppicum</i>	Avens, Yellow
<i>Geum triflorum</i>	Prairie Smoke
<i>Glyceria</i>	Mannagrass
<i>Glycyrrhiza lepidota</i>	Licorice, Wild
<i>Gnaphalium obtusifolium</i>	Cudweed, Fragrant
<i>Grindelia squarrosa</i>	Gumweed, Curly-top
<i>Habenaria hyperborea</i>	Orchid, Northern Green
<i>Hedeoma hispidum</i>	Pennyroyal, Rough False
<i>Helenium autumnale</i>	Sneezeweed
<i>Helianthemum bicknellii</i>	Frostweed
<i>Helianthus annuus</i>	Sunflower, Annual
<i>Helianthus divaricatus</i>	Sunflower, Woodland
<i>Helianthus giganteus</i>	Sunflower, Swamp
<i>Helianthus grosseserratus</i>	Sunflower, Sawtooth
<i>Helianthus maximiliani</i>	Sunflower, Maximilian
<i>Helianthus rigidus</i>	Sunflower, Stiff
<i>Helianthus tuberosa</i>	Jerusalem Artichoke

<i>Heliopsis helianthoides</i>	Oxe-eye
<i>Hemerocallis fulva</i>	<i>Daylily</i>
<i>Heracleum lanatum</i>	Parsnip, Cow
<i>Hesperis matronalis</i>	<i>Dame's Rocket</i>
<i>Heuchera richardsonii</i>	Alumroot
<i>Hieracium canadense</i>	Hawkweed, Canada
<i>Hordeum jubatum</i>	Barley, Foxtail
<i>Hydrophyllum virginianum</i>	Waterleaf, Virginia
<i>Hypericum pyramidatum</i>	St. John's-wort, Great
<i>Hypoxis hirsuta</i>	Stargrass, Yellow
<i>Hystrix patula</i>	Grass, Bottlebrush
<i>Impatiens capensis</i>	Touch-me-not, Spotted
<i>Impatiens pallida</i>	Touch-me-not, Pale
<i>Ipomoea</i>	<i>Morning-glory</i>
<i>Iris versicolor</i>	Bluflag
<i>Isopyrum biternatum ?</i>	Anemone, False Rue
<i>Iva xanthifolia</i>	Marsh Elder
<i>Juglans cinera</i>	Butternut
<i>Juglans nigra</i>	Walnut, Black
<i>Juncus</i>	Rush
<i>Juniperus virginiana</i>	Cedar, Red
<i>Koeleria macrantha</i>	Junegrass
<i>Kuhnia eupatoroides</i>	Boneset, False
<i>Lactuca canadensis</i>	Lettuce, Wild
<i>Lactuca oblongifolia</i>	Lettuce, Wild Blue
<i>Lactuca serriola</i>	Lettuce, Prickly
<i>Lappula</i>	Stickseed
<i>Larix laricina</i>	Tamarack
<i>Lathyrus palustris</i>	Vetchling, Marsh
<i>Lathyrus venosus</i>	Vetchling, Bushy
<i>Lemna minor</i>	Duckweed, Common
<i>Leonurus cardiaca</i>	<i>Motherwort</i>
<i>Lepidium densiflorum</i>	Peppergrass,
<i>Lespedeza capitata</i>	Bush-clover, Round-headed
<i>Liatris aspera</i>	Blazing Star, Tall
<i>Liatris cylindrica</i>	Blazing Star, Few-headed
<i>Liatris ligulistylis</i>	Blazing Star, N. Plains
<i>Liatris punctata</i>	Blazing Star, Dotted
<i>Liatris pycnostachya</i>	Blazing Star, Prairie
<i>Lilium michiganense</i>	Lily, Turk's Cap
<i>Lilium philadelphicum</i>	Lily, Wood
<i>Linaria vulgaris</i>	<i>Butter and Eggs</i>
<i>Linum sulcatum</i>	Flax, Grooved
<i>Lithospermum canescens</i>	Puccoon, Hoary
<i>Lithospermum incisum</i>	Puccoon, Narrowleaf
<i>Lobelia kalmii</i>	Lobelia, Kalm's
<i>Lobelia siphilitica</i>	Lobelia, Great Blue
<i>Lobelia spicata</i>	Lobelia, Palespike
<i>Lonicera</i>	Honeysuckle
<i>Lotus corniculatus</i>	<i>Trefoil, Bird's-foot</i>
<i>Lycopus americanus</i>	Bugleweed, American
<i>Lycopus asper</i>	Bugleweed, Rough
<i>Lygodesmia juncea</i>	Skeletonweed
<i>Lysimachia ciliata</i>	Loosestrife, Fringed

<i>Lysimachia quadriflora</i>	Loosestrife, Whorled
<i>Lysimachia thyrsiflora</i>	Loosestrife, Tufted
<i>Lythrum alatum</i>	Loosestrife, Winged
<i>Lythrum salicaria</i>	<i>Loosestrife, Purple</i>
<i>Maianthemum canadense</i>	Bunchberry
<i>Malva neglecta</i>	<i>Mallow, Common</i>
<i>Matricaria matricarioides</i>	<i>Weed, Pineapple</i>
<i>Medicago lupulina</i>	<i>Medick, Black</i>
<i>Medicago sativa</i>	<i>Alfalfa</i>
<i>Melilotus alba</i>	<i>Sweet Clover, White</i>
<i>Melilotus officinalis</i>	<i>Sweet Clover, Yellow</i>
<i>Menispermum canadense</i>	Moonseed
<i>Mentha arvensis</i>	Mint, Field
<i>Mimulus ringens</i>	Monkeyflower
<i>Mirabilis nyctaginea</i>	Four-o'clock, Wild
<i>Monarda fistulosa</i>	Bergamot, Wild
<i>Morus rubra</i>	<i>Mulberry, Red</i>
<i>Muhlenbergia</i>	Muhly,
<i>Muhlenbergia cuspidata</i>	Muhly, Plains
<i>Muhlenbergia mexicana</i>	Muhly, Mexican
<i>Nepeta cataria</i>	<i>Catnip</i>
<i>Nuphar lutea</i>	Water Lily, Yellow
<i>Nymphaea tuberosa</i>	Water Lily, White
<i>Oenothera biennis</i>	Evening Primrose, Common
<i>Onosmodium molle ssp. occidentale</i>	Gromwell, False
<i>Osmorhiza</i>	Aniseroot
<i>Ostrya virginiana</i>	Ironwood
<i>Oxalis stricta</i>	Wood Sorrel, Yellow
<i>Oxalis violacea</i>	Wood Sorrel, Violet
<i>Oxytropis lambertii</i>	Locoweed, Purple
<i>Panicum virgatum</i>	Switchgrass
<i>Parthenocissus quinquefolia</i>	Ivy, Five-leaved
<i>Pastinaca sativa</i>	<i>Parsnip, Wild</i>
<i>Pedicularis canadensis</i>	Lousewort, Common
<i>Pedicularis lanceolata</i>	Lousewort, Swamp
<i>Penstemon gracilis</i>	Beardtongue, Slender
<i>Phalaris arundinacea</i>	Grass, Reed Canary
<i>Phalaris canariensis</i>	<i>Grass, Canary</i>
<i>Phleum pratense</i>	<i>Timothy</i>
<i>Phlox pilosa</i>	Phlox, Prairie
<i>Phragmites australis</i>	Reed, Common
<i>Phryma leptostachya</i>	Lopseed
<i>Physalis heterophylla</i>	Groundcherry, Clammy
<i>Physalis virginiana</i>	Groundcherry, Virginia
<i>Picea abies</i>	<i>Spruce, Norway</i>
<i>Picea glauca</i>	Spruce, White
<i>Pilea pumila</i>	Clearweed
<i>Pinus banksiana</i>	Pine, Jack
<i>Pinus resinosa</i>	Pine, Red
<i>Pinus strobus</i>	Pine, White
<i>Pinus sylvestris</i>	<i>Pine, Scotch</i>
<i>Plantago major</i>	<i>Plantain, Common</i>
<i>Poa compressa</i>	<i>Bluegrass, Canada</i>
<i>Poa palustris</i>	Bluegrass, Fowl

<i>Poa pratensis</i>	<i>Bluegrass, Kentucky</i>
<i>Polygala senega</i>	Snakeroot, Seneca
<i>Polygonatum biflorum</i>	Solomon's Seal
<i>Polygonum</i>	Smartweed,
<i>Polygonum amphibium</i>	Smartweed, Swamp
<i>Polygonum aviculare</i>	Knotweed
<i>Populus deltoides</i>	Cottonwood
<i>Populus tremuloides</i>	Aspen, Quaking
<i>Portulaca oleracea</i>	<i>Purslane, Common</i>
<i>Potamogeton</i>	Pondweed
<i>Potentilla argentea</i>	<i>Cinquefoil, Silvery</i>
<i>Potentilla arguta</i>	Cinquefoil, Tall
<i>Potentilla norvegica</i>	Cinquefoil, Norwegian
<i>Potentilla recta</i>	<i>Cinquefoil, Sulfer</i>
<i>Prenanthes alba</i>	Rattlesnake-root, White
<i>Prenanthes racemosa</i>	Rattlesnake-root, Glaucous
<i>Prunella vulgaris</i>	Self-heal
<i>Prunus americana</i>	Plum, Wild
<i>Prunus serotina</i>	Cherry, Black
<i>Prunus virginiana</i>	Cherry, Choke
<i>Psoralea argophylla</i>	Scurfpea, Silverleaf
<i>Psoralea esculenta</i>	Scurfpea, Breadroot
<i>Pycnanthemum virginianum</i>	Mint, Mountain
<i>Pyrus malus</i>	<i>Apple</i>
<i>Quercus ellipsoidales</i>	Oak, Pin
<i>Quercus macrocarpa</i>	Oak, Bur
<i>Ranunculus acris</i>	<i>Buttercup, Tall</i>
<i>Ranunculus flabellaris</i>	Buttercup, Threadleaf
<i>Ranunculus rhomboideus</i>	Buttercup, Prairie
<i>Ratibida pinnata</i>	Coneflower, Gray-headed
<i>Rhamnus cathartica</i>	<i>Buckthorn, Common</i>
<i>Rhus glabra</i>	Sumac, Smooth
<i>Rhus typhina</i>	Sumac, Staghorn
<i>Rhynchospora</i>	Beak-rush
<i>Ribes americanum</i>	Currant, Wild Black
<i>Ribes cynosbati</i>	Gooseberry
<i>Rosa</i>	Rose,
<i>Rosa acicularis sayi</i>	Rose, Prickly Wild
<i>Rosa arkansana</i>	Rose, Prairie Wild
<i>Rubus idaeus</i>	Raspberry, Red
<i>Rudbeckia hirta</i>	Black-eyed Susan
<i>Rudbeckia laciniata</i>	Golden Glow
<i>Rumex crispus</i>	<i>Dock, Curly</i>
<i>Sagittaria latifolia</i>	Arrowhead, Common
<i>Salix amygdaloides</i>	Willow, Peachleaf
<i>Salix bebbiana</i>	Willow, Beaked
<i>Salix discolor</i>	Willow, Pussy
<i>Salix eriocephala</i>	Willow, Diamond
<i>Salix exigua interior</i>	Willow, Sandbar
<i>Salix humilis</i>	Willow, Prairie
<i>Salix petiolaris</i>	Willow, Meadow
<i>Salsola iberica</i>	<i>Thistle, Russian</i>
<i>Sambucus racemosa ssp.pubens</i>	Elderberry, Stinking
<i>Sanguinaria canadensis</i>	Bloodroot

<i>Sanicula canadensis</i>	Snakeroot, Canada
<i>Saponaria officinalis</i>	Soapwort
<i>Saxifraga pennsylvanica</i>	Saxifrage, Swamp
<i>Schizachyrium scoparium</i>	Bluestem, Little
<i>Scirpus</i>	Bullrush
<i>Scirpus acutus</i>	Bulrush, Hardstem
<i>Scirpus cyperinus</i>	Grass, Wool
<i>Scirpus fluviatilis</i>	Bulrush, River
<i>Scirpus validus</i>	Bulrush, Softstem
<i>Scrophularia lanceolata</i>	Figwort
<i>Scutellaria galericulata</i>	Skullcap, Marsh
<i>Scutellaria parvula</i>	Skullcap, Leonard's Small
<i>Secale cereale</i>	Rye
<i>Senecio pauperculus</i>	Ragwort, Balsam
<i>Senecio plattensis</i>	Ragwort, Prairie
<i>Senecio pseudoaureus v. semicordatus</i>	Groundsel, Falsegold
<i>Setaria faberi</i>	Foxtail, Giant
<i>Setaria glauca</i>	Grass, Pigeon
<i>Setaria viridis</i>	Foxtail, Green
<i>Silene vulgaris</i>	Campion, Bladder
<i>Sisyrinchium campestre</i>	Blue-eyed Grass, White
<i>Sisyrinchium montanum</i>	Blue-eyed Grass, Strict
<i>Sium suave</i>	Parsnip, Water
<i>Smilacina racemosa</i>	Spikenard, False
<i>Smilacina stellata</i>	Spikenard
<i>Smilax herbacea v. lasioneura</i>	Carrion-flower
<i>Solanum dulcamara</i>	Nightshade, Climbing
<i>Solanum nigrum</i>	Nightshade, Black
<i>Solidago altissima</i>	Goldenrod, Canada
<i>Solidago canadensis v. canadensis</i>	Goldenrod, Canada
<i>Solidago flexicaulis</i>	Goldenrod, Zigzag
<i>Solidago gigantea</i>	Goldenrod, Late
<i>Solidago juncea</i>	Goldenrod, Early
<i>Solidago missouriensis</i>	Goldenrod, Prairie
<i>Solidago nemoralis</i>	Goldenrod, Gray
<i>Solidago ptarmicoides</i>	Aster, Sneezewort
<i>Solidago riddellii</i>	Goldenrod, Riddell's
<i>Solidago rigida</i>	Goldenrod, Rigid
<i>Solidago speciosa</i>	Goldenrod, Showy
<i>Sonchus arvensis</i>	Sow Thistle, Field
<i>Sonchus asper</i>	Sow Thistle, Prickly
<i>Sorghastrum nutans</i>	Grass, Indian
<i>Sparganium eurycarpum</i>	Burreed, Giant
<i>Spartina pectinata</i>	Cordgrass, Prairie
<i>Sphagnum</i>	Moss
<i>Spiraea alba</i>	Meadow-sweet
<i>Sporobolus cryptandrus</i>	Dropseed, Sand
<i>Sporobolus heterolepis</i>	Dropseed, Prairie
<i>Sporobolus neglectus</i>	Grass, Poverty
<i>Stachys palustris</i>	Hedge-nettle
<i>Stellaria</i>	Chickweed
<i>Stipa comata</i>	Grass, Needle-and-thread
<i>Stipa spartea</i>	Grass, Porcupine
<i>Stipa viridula</i>	Grass, Green Needle

<i>Streptopus roseus</i> ?	Twisted-stalk
<i>Symphoricarpos occidentalis</i>	Wolfberry
<i>Syringa vulgaris</i>	Lilac
<i>Tanacetum vulgare</i>	Tansy, Common
<i>Taraxacum officinale</i>	Dandelion, Common
<i>Teucrium canadense</i>	Germander, American
<i>Thalictrum dasycarpum</i>	Meadow Rue, Tall
<i>Thalictrum dioicum</i>	Meadow Rue, Early
<i>Thuja occidentalis</i>	Cedar, White
<i>Tilia americana</i>	Basswood
<i>Toxicodendron rydbergii</i>	Ivy, Poison
<i>Tradescantia occidentalis</i>	Spiderwort, Prairie
<i>Tragopogon dubius</i>	Goat's Beard
<i>Trifolium arvense</i>	Clover, Rabbit-foot
<i>Trifolium pratense</i>	Clover, Red
<i>Trifolium repens</i>	Clover, White
<i>Trillium cernuum</i>	Trillium, Nodding
<i>Triticum aestivum</i>	Wheat
<i>Typha angustifolia</i>	Cattail, Narrowleaf
<i>Typha glauca</i>	Cattail, Hybrid
<i>Typha latifolia</i>	Cattail, Broadleaf
<i>Ulmus americana</i>	Elm, American
<i>Ulmus pumila</i>	Elm, Siberian
<i>Urtica dioica</i>	Nettle, Stinging
<i>Utricularia</i>	Bladderwort
<i>Uvularia grandiflora</i>	Bellwort, Large
<i>Verbascum thapsus</i>	Mullein, Common
<i>Verbena hastata</i>	Vervain, Blue
<i>Verbena stricta</i>	Vervain, Hoary
<i>Verbena urticifolia</i>	Vervain, Nettle-leaf
<i>Vernonia fasciculata v.corymbosa</i>	Ironweed
<i>Veronicastrum virginicum</i>	Root, Culver's
<i>Viburnum lentago</i>	Nannyberry
<i>Vicia americana v.americana</i>	Vetch, American
<i>Viola palmata var. pedatifida</i>	Violet, Prairie
<i>Viola pedata</i>	Violet, Bird's-foot
<i>Viola pubescens</i>	Violet, Downy Yellow
<i>Viola sororia</i>	Violet, Downy Blue
<i>Vitis riparia</i>	Grape, River-bank
<i>Xanthium strumarium</i>	Cocklebur
<i>Zanthoxylum americanum</i>	Ash, Prickly
<i>Zea mays</i>	Corn
<i>Zigadenus elegans</i>	Camass, White
<i>Zizia aptera</i>	Alexanders, Golden
<i>Zizia aurea</i>	Alexanders, Golden