Appendix 1: Field Data Summary Table by Plant Community

Section 03

Area 03-28-20-01

Tree Nursery/Mixed Deciduous/Coniferous Plantation | **Rank:** NR | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy

Ulmus americana	American Elm
Populus tremuloides	Quaking Aspen
Malus sp.	Crab-apple
Quercus macrocarpa	Bur Oak

Shrub

Rhamnus cathartica	European Buckthorn
Quercus ellipsoidalis	Northern Pin Oak
Acer ginnala	Amur Maple
Juniperus virginiana	Red Cedar
unknown	unknown species

Climbers

Parthenocissus inserta	Virginia Creeper

Forbs

Penstemon sp.	Beard-tongue
Galium sp.	Bedstraw
Ambrosia artemisiifolia	Common Ragweed

Graminoids

Poa pratensis	Kentucky bluegrass
Cyperus sp.	Nut-grass; umbrella sedge

Area 03-28-20-02

Oak Woodland | **Rank:** low | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy

Quercus macrocarpa	Bur Oak
Quercus rubra	Red Oak
Ulmus americana	American Elm
Acer ginnala	Amur Maple
Prunus sp.	Cherry/Plum

Shrub

Rhamnus cathartica	European Buckthorn
Ribes cynosbati	Prickly Gooseberry
Prunus serotina	Black Cherry
Acer negundo	Boxelder

Climbers

Parthenocissus inserta	Virginia Creeper
Vitis riparia	Wild Grape

Forbs

Sambucus canadensis	Common Elder
Circaea lutetiana	Enchanter's Nightshade
Osmorhiza claytonii	Sweet Cicely
Eupatorium rugosum	White Snake root
Laportea canadensis	Wood Nettle
Geum sp.	Avens
Amphicarpaea bracteata	Hog Peanut

Graminoids

Poa pratensis	Kentucky bluegrass

Area 03-28-20-03

Excavated Farm Pond | **Rank:** NR | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy

Shrub

Forbs

Aster sp.	A species of aster
Circaea lutetiana	Enchanter's Nightshade
Verbena hastata	Blue Vervain
Polygonum sp.	Species of Smartweed
Laportea canadensis	Wood Nettle
Lemna minor	Duckweed
Bidens cernua	Beggar-Ticks
mint species	a species of mint

Graminoids

Leersia oryzoides	Rice Cut Grass
Echinochloa crusgalli	Wild Millet
Phalaris arundinacea	Reed Canary Grass

Area 03-28-20-04

Old Field/Sand Gravel Prairie | **Rank:** ? | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
		Acer ginnala	Amur Maple	*Potentilla sp.*	#N/A	*Sorghastrum nutans*	Indian Grass
		Rhus glabra	Smooth Sumac	*Monarda fistulosa*	Bee Balm	*Poa pratensis*	Kentucky bluegrass
		Juniperus virginiana	Red Cedar	*Solidago nemoralis*	Gray Goldenrod	*Bromus inermis*	Smooth Brome
		Pinus resinosa	Red pine	*Penstemon sp.*	Beard-tongue	*Phleum pratense*	Timothy
		unknown	unknown species	*Solidago mollor?*	#N/A	*Schizachyrium scopariu*	Little Bluestem
				Euphorbia corollata	Flowering Spurge	*Poa sp.*	grass
				Rudbeckia hirta	Brown-eyed susan		
				Liatris sp.	a species of blazing star		
				Tragopogon dubius	Goats Beard		
				Liatris sp.	a species of blazing star		
				Erigeron annuus	Daisy Fleabane		
				Oenothera biennis	Evening Primrose		

Area 03-28-20-05

Conifer Plantation | **Rank:** NR | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Pinus resinosa	Red pine	*Rhamnus cathartica*	European Buckthorn	*Centaurea biebersteinii*	Spotted Knapweed	*Bromus inermis*	Smooth Brome
Pinus strobus	White Pine	*Acer ginnala*	Amur Maple				
Quercus ellipsoidalis	Northern Pin Oak	*Prunus serotina*	Black Cherry				
Populus tremuloides	Quaking Aspen	*Pinus strobus*	White Pine				
Ulmus parviflora	Chinese Elm	*unknown*	unknown species				
		Rubus sp.	Bramble				
		Lonicera sp.	Honeysuckle				
		Malus sp.	Crab-apple				

Area 03-28-20-06

Sand Gravel Prairie | **Rank:** D | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
		Pinus resinosa	Red pine	*Monarda fistulosa*	Bee Balm	*Sorghastrum nutans*	Indian Grass
		Zanthoxylum americanum	Prickly Ash	*Centaurea biebersteinii*	Spotted Knapweed	*Phleum pratense*	Timothy
				Verbascum thapsus	Common Mullein	*Schizachyrium scopariu*	Little Bluestem
				Euphorbia corollata	Flowering Spurge	*Poa pratensis*	Kentucky bluegrass
				Liatris sp.	a species of blazing star	*Bromus inermis*	Smooth Brome
				Echinacea pallida	Pale coneflower		
				Penstemon sp.	Beard-tongue		

Solidago nemoralis	Gray Goldenrod
Silphium perfoliatum	Cup Plant
Ratibida pinnata	Gray-headed Coneflower
Potentilla sp.	Cinquefoil species
Achillea millefolium	Yarrow

Area 03-28-20-08

Hay Field/Plantation **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Pinus sylvestris	Scotch Pine			*Trifolium pratense*	Red Clover	*Bromus inermis*	Smooth Brome
Pinus resinosa	Red pine			*Euphorbia corollata*	Flowering Spurge	*Phleum pratense*	Timothy
Robinia pseudo-acacia	Black Locust			*Hypericum perforatum*	Common St. John's-wort	*Poa pratensis*	Kentucky bluegrass
Pinus nigra	Austrian Pine			*Asclepias syriaca*	Common Milkweed		
				Tragopogon dubius	Goats Beard		
				Solidago canadensis	Canada Goldenrod		

Area 03-28-20-09

Mixed Decidous Forest **Rank:** ? **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Populus deltoides	Cottonwood	*Rhamnus cathartica*	European Buckthorn	*Glechoma hederacea*	Creeping Charlie	*Bromus inermis*	Smooth Brome
Acer saccharinum	Silver Maple	*Acer ginnala*	Amur Maple	*Galium sp.*	Bedstraw	*Dactylis glomerata*	Orchard Grass
Quercus rubra	Red Oak	*Malus sp.*	Crab-apple	*Trifolium pratense*	Red Clover	*Sorghastrum nutans*	Indian Grass
Prunus serotina	Black Cherry	*Ribes cynosbati*	Prickly Gooseberry			*Andropogon gerardii*	Big Bluestem
Salix nigra	Black Willow	*Rubus allegheniensis*	Black Berry				
Fraxinus nigra	Black Ash						
Tilia americana	Basswood	**Climbers**					
Populus tremuloides	Quaking Aspen	*Vitis riparia*	Wild Grape				
Populus grandidentata	Big-Toothed Aspen						
Fraxinus pennsylvanica	Green Ash						
Picea abies	Norway Spruce						
Pinus sylvestris	Scotch Pine						

Area 03-28-20-10

Conifer Plantation **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub	Forbs	Graminoids	
Pinus nigra	Austrian Pine			*maintained pasture grasses*	

Area 03-28-20-12

Conifer Plantation | **Rank:** NR | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids
Pinus resinosa	Red pine	*Acer negundo*	Boxelder	*Eupatorium rugosum*	White Snake root	
Juniperus virginiana	Red Cedar	*Rhamnus cathartica*	European Buckthorn	*Pilea pumila*	Clearweed	
Ulmus americana	American Elm	*Zanthoxylum americanum*	Prickly Ash	*Laportea canadensis*	Wood Nettle	
		Ribes cynosbati	Prickly Gooseberry			
		Sambucus racemosa	Red-Berried Elder			

Climbers

Vitis riparia Wild Grape

Area 03-28-20-13

Black Locust Plantation | **Rank:** NR | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs	Graminoids
Robinia pseudo-acacia	Black Locust	*Robinia pseudo-acacia*	Black Locust		
Ulmus americana	American Elm	*Quercus rubra*	Red Oak		
Juniperus virginiana	Red Cedar	*Rhamnus cathartica*	European Buckthorn		
		Acer ginnala	Amur Maple		

Climbers

Vitis riparia Wild Grape

Area 03-28-20-14

Mixed Deciduous Forest | **Rank:** low | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids
Fraxinus pennsylvanica	Green Ash	*Juniperus virginiana*	Red Cedar	*Caulophyllum thalictroides*	Blue cohosh	
Robinia pseudo-acacia	Black Locust	*Rhamnus cathartica*	European Buckthorn	*Eupatorium rugosum*	White Snake root	
Ulmus americana	American Elm	*Celtis occidentalis*	Hackberry	*Circaea lutetiana*	Enchanter's Nightshade	

Climbers

Vitis riparia Wild Grape

Area 03-28-20-17

Dry Sand Prairie | **Rank:** ? | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids

Section 4

Area 04-28-20-01

Mesic Oak Forest | **Acres:** ? | **Rank:** C | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Quercus macrocarpa	Bur Oak	*Rhamnus cathartic*	European Buckthorn	*Arisaema triphyllum*	Jack in the Pulpit	*Carex pensylvanica*	Pennsylvania Sedge
Quercus rubra	Red Oak	*Zanthoxylum ame.*	Prickly Ash	*Senecio aureus*	Golden Ragwort		
Fraxinus pennsylvanica	Green Ash	*Fraxinus pennsyl.*	Green Ash	*Osmorhiza claytonii*	Sweet Cicely		
Quercus ellipsoidalis	Northern Pin Oak	*Cornus rugosa*	Round Leaved Dogwood	*Smilacina trifolia*	Three-Leaved Solomon's Seal		
Populus tremuloides	Quaking Aspen	*Prunus serotina*	Black Cherry	*Amphicarpaea bracteata*	Hog Peanut		
Tilia americana	Basswood	*Rubus allegheniens*	Black Berry	*Actaea rubra*	Red Baneberry		
Populus tremuloides	Quaking Aspen	*Ribes cynosbati*	Prickly Gooseberry	*Oxalis stricta*	Common Yellow Wood-Sorrel		
		Lonicera tatarica	Tartarian Honeysuckle				

Climbers

Parthenocissus in. Virginia Creeper

Area 04-28-20-02

Shrub Swamp | **Acres:** ? | **Rank:** B | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy	Shrub		Forbs		Graminoids	
	Betula glandulifer	Bog Birch	*Typha sp.*	Cattail	*Carex stricta*	Tussock Sedge
	Cornus stolonifer	Red Osier dogwood	*Rumex orbiculatus*	Water Dock	*Calamagrostis canad.*	Canada Bluejoint Grass
	Salix nigra	Black Willow	*Caltha palustris*	Marsh Marigold	*Carex stipata*	Saw-Beak Sedge
	Rhamnus cathartic	European Buckthorn	*Onoclea sensibilis*	Sensitive Fern	*Carex lacustris*	Lake Sedge
	Ribes cynosbati	Prickly Gooseberry	*Eupatorium maculatum*	Joe-Pye Weed	*Leersia oryzoides*	Rice Cut Grass
			Lysimachia sp.	Loosestrife		
			Lemna minor	Duckweed		
			Impatiens capensis	Jewel Weed		
			Polygonum sp.	Species of Smartweed		
			Galium sp.	Bedstraw		
			Laportea canadensis	Wood Nettle		
			Lycopus virginicus	Bugle Weed or Water Horehound		

Area 04-28-20-03

Oak Forest | **Acres:** ? | **Rank:** D | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids
Quercus macrocarpa	Bur Oak	*Tilia americana*	Basswood	*Circaea lutetiana*	Enchanter's Nightshade	
Quercus ellipsoidalis	Northern Pin Oak	*Acer negundo*	Boxelder			
Quercus rubra	Red Oak	*Rhamnus cathartic*	European Buckthorn			
Tilia americana	Basswood	*Ribes cynosbati*	Prickly Gooseberry			
Populus tremuloides	Quaking Aspen	*Zanthoxylum ame.*	Prickly Ash			
Prunus serotina	Black Cherry	*Cornus rugosa*	Round Leaved Dogwood			

Climbers

Parthenocissus in. Virginia Creeper

Area 04-28-20-04

Old Field . **Acres:** ? **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Pinus resinosa	Red pine					*Bromus inermis*	Smooth Brome

Area 04-28-20-05

Mesic Oak Forest **Acres:** ? **Rank:** C **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids
Quercus rubra	Red Oak	*Rubus allegheniei*	Black Berry	*Circaea lutetiana*	Enchanter's Nightshade	
Prunus serotina	Black Cherry	*Rhamnus cathartii*	European Buckthorn	*Geranium maculatum*	Wild Geranium	
Acer saccharinum	Silver Maple	*Lonicera tatarica*	Tartarian Honeysuckle	*Sanguinaria canadensis*	Bloodroot	
Ulmus americana	American Elm			*Galium sp.*	Bedstraw	
Tilia americana	Basswood	**Climbers**		*Athyrium angustum*	Lady Fern	
Fraxinus pennsylvanica	Green Ash	*Parthenocissus in.*	Virginia Creeper	*Thalictrum dioicum*	Early Meadow Rue	
Acer negundo	Boxelder			*Arisaema triphyllum*	Jack in the Pulpit	
				Eupatorium rugosum	White Snake root	
				Oxalis stricta	Common Yellow Wood-Sorrel	
				Aralia nudicaulis	Wild Sarsaparilla	
				Adiantum pedatum	Maidenhair Fern	

Area 04-28-20-07

Degraded Oak Woodland (w/ num **Acres:** ? **Rank:** ? **MCBS site:** [redacted]7[redacted] **MCBS credit:** J. C. Almendinge **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Fraxinus pennsylvanica	Green Ash	*Ribes cynosbati*	Prickly Gooseberry	*Fragaria sp.*	Strawberry	?	#N/A
Juniperus virginiana	Red Cedar	*Rhamnus cathartii*	European Buckthorn	*Euphorbia corollata*	Flowering Spurge		
Acer negundo	Boxelder	*Ulmus pumila*	Siberian Elm	*Poa pratensis*	Kentucky bluegrass		
Quercus macrocarpa	Bur Oak	*Quercus rubra*	Red Oak	*Monarda fistulosa*	Bee Balm		
Quercus ellipsoidalis	Northern Pin Oak	*Lonicera tatarica*	Tartarian Honeysuckle	*Osmorhiza claytonii*	Sweet Cicely		
Pinus resinosa	Red pine			*Sanicula canadensis*	Black Snakeroot		
Pinus banksiana	Jack pine			*Geum aleppicum*	Yellow Avens		
Pinus strobus	White Pine			*Amphicarpaea bracteata*	Hog Peanut		
				Desmodium glutinosum	Pointed-leaved tick-trefoil		
				Centaurea biebersteinii	Spotted Knapweed		

Area 04-28-20-08

Field **Acres:** ? **Rank:** ?NR? **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
?	#N/A	?	#N/A	?	#N/A	?	#N/A

Area 04-28-20-09

Field/Conifer Plantation **Acres:** ? **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Pinus resinosa	Red pine			*Lotus corniculatus*	Bird's Foot Trefoil	*Bromus inermis*	Smooth Brome

Area 04-28-20-10

Oak Woodland/ Conifer Woods **Acres: ?** **Rank: D** **MCBS site: NA** **MCBS credit: NA** **DNR Rare Features: NA**

Oak Woodland-Brushland

Canopy		Shrub		Forbs		Graminoids
Pinus resinosa	Red pine	*Zanthoxylum ame.*	Prickly Ash	*Asarum canadense*	Wild Ginger	
Pinus banksiana	Jack pine	*Rhamnus catharti.*	European Buckthorn	*Sanicula canadensis*	Black Snakeroot	
Pinus strobus	White Pine	*Lonicera tatarica*	Tartarian Honeysuckle			
Quercus macrocarpa	Bur Oak					
Populus tremuloides	Quaking Aspen					
Prunus serotina	Black Cherry					

Area 04-28-20-11

Plantation (amur maple and pine?) **Acres: ?** **Rank: NR** **MCBS site: NA** **MCBS credit: NA** **DNR Rare Features: NA**

Canopy		Shrub	Forbs	Graminoids
Pinus resinosa	Red pine			
Acer ginnala	Amur Maple			

Area 04-28-20-12

Oak Forest or Degraded Woodlanc **Acres: ?** **Rank: D** **MCBS site: NA** **MCBS credit: NA** **DNR Rare Features: NA**

Canopy		Shrub		Forbs		Graminoids
Quercus rubra	Red Oak	*Rhamnus catharti.*	European Buckthorn	*Eupatorium rugosum*	White Snake root	
Populus deltoides	Cottonwood	*Populus alba*	White Poplar			
Quercus ellipsoidalis	Northern Pin Oak	*Zanthoxylum ame.*	Prickly Ash			
		Lonicera tatarica	Tartarian Honeysuckle			
		Prunus serotina	Black Cherry			
		Acer ginnala	Amur Maple			

Area 04-28-20-13

Permant-Open Water-Floating Le **Acres: ?** **Rank: low to n** **MCBS site: NA** **MCBS credit: NA** **DNR Rare Features: NA**

Canopy	Shrub		Forbs		Graminoids	
	Populus alba	White Poplar	*Bidens cernua*	Beggar-Ticks	*Phalaris arundinacea*	Reed Canary Grass
	Rhamnus catharti.	European Buckthorn	*Impatiens pallida*	Pale Touch-me-not		
			Lemna minor	Duckweed		
			Nuphar luteum	Small yellow pond-lily		

Area 04-28-20-14

Oak savanna/Woodland **Acres: ?** **Rank: ?NR?** **MCBS site: NA** **MCBS credit: NA** **DNR Rare Features: NA**

Canopy		Shrub		Forbs		Graminoids	
Quercus macrocarpa	Bur Oak	*Juniperus virginia.*	Red Cedar	*Asclepias verticillata*	Whorled Milkweed	*Andropogon gerardii*	Big Bluestem
Acer saccharinum	Silver Maple	*Rhamnus catharti.*	European Buckthorn	*Monarda fistulosa*	Bee Balm	*Bromus inermis*	Smooth Brome
Malus sp.	Crab-apple	*Lonicera tatarica*	Tartarian Honeysuckle	*Asparagus officinalis*	Asparagus	*Setaria spp.*	Foxtail

Fraxinus pennsylvanica	Green Ash	*Prunus serotina*	Black Cherry	*Amorpha canescens*	Leadplant	*Sorghastrum nutans*	Indian Grass
		Acer ginnala	Amur Maple	*Oxalis stricta*	Common Yellow Wood-Sorrel	*Dactylis glomerata*	Orchard Grass
		Corylus american	American Hazelnut	*Petalostemon purpureum*	Purple Prairie-Clover	*Bouteloua curtipendu*	Side Oats Grama
		Rhus radicans	Poison Ivy	*Aster oolentangiensis*	Sky-Blue Aster	*Schizachyrium scopar*	Little Bluestem
		Zanthoxylum ame.	Prickly Ash	*Helianthus sp.*	Sunflower		
		Parthenocissus in.	Virginia Creeper	*Trifolium pratense*	Red Clover		
				Asclepias incarnata	Swamp Milkweed		
				Solidago sp.	a species of goldenrod		
				Amphicarpaea bracteata	Hog Peanut		
				Apocynum androsaemifoli	Spreading Dogbane		
				Geranium maculatum	Wild Geranium		
				Comandra umbellata	Bastard toad-flax		
				Geranium maculatum	Wild Geranium		
				Penstemon sp.	Beard-tongue		
				campion?	#N/A		

Area 04-28-20-15

Lake Edith **Acres:** ? **Rank:** ?NR? **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	

Area 04-28-20-16

Pastured Oak Savanna **Acres:** ? **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Quercus macrocarpa	Bur Oak	*Rhamnus cathartic*	European Buckthorn	*Trifolium pratense*	Red Clover	*Poa pratensis*	Kentucky bluegrass
Quercus ellipsoidalis	Northern Pin Oak			*Plantago major*	Common Plantain	*Andropogon gerardii*	Big Bluestem
Populus tremuloides	Quaking Aspen			*Tragopogon dubius*	Goats Beard	*Bromus inermis*	Smooth Brome
Acer negundo	Boxelder			*Verbascum thapsus*	Common Mullein	*Dactylis glomerata*	Orchard Grass
						Schizachyrium scopar	Little Bluestem
						Bouteloua curtipendu	Side Oats Grama

Area 04-28-20-17

Amur Maple Forest **Acres:** ? **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs	Graminoids
Acer ginnala	Amur Maple	*Lonicera tatarica*	Tartarian Honeysuckle		
Celtis occidentalis	Hackberry	*Rhamnus cathartic*	European Buckthorn		
Fraxinus pennsylvanica	Green Ash	*Fraxinus pennsylv*	Green Ash		
		Prunus serotina	Black Cherry		

Area 04-28-20-18

Sand Gravel Prairie **Acres:** ? **Rank:** C-B **MCBS site:** [redacted] **MCBS credit:** J. C. Almendinge **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Juniperus virginiana	Red Cedar	*Zanthoxylum ame.*	Prickly Ash	*Centaurea biebersteinii*	Spotted Knapweed	*Muhlenbergia sp.*	Muhly Grass

Quercus macrocarpa	Bur Oak	*Rhus glabra*	Smooth Sumac	*Linaria vulgaris*	Butter-and-eggs	*Schizachyrium scopar*	Little Bluestem
Quercus ellipsoidalis	Northern Pin Oak	*Lonicera tatarica*	Tartarian Honeysuckle	*Solidago nemoralis*	Gray Goldenrod	*Sporobolis heterolepi*	Prairie Dropseed
		Rhamnus cathartic	European Buckthorn	*Verbena hastata*	Blue Vervain	*Bouteloua hirsuta*	Hairy Grama
				Campanula rotundifolia	Round-leaved Harebell	*Panicum virgatum*	Switchgrass
				Nepeta cataria	Catnip	*Poa pratensis*	Kentucky bluegrass
				Potentilla argentea	#N/A	*Bouteloua curtipendu*	Side Oats Grama
				Asclepias verticillata	Whorled Milkweed	*Andropogon gerardii*	Big Bluestem
				Solidago uliginosa	Swamp Goldenrod		
				Aster ericoides	Heath Aster		

Area 04-28-20-19

High Quality Rich Fen **Acres: ?** **Rank: high** **MCBS site: NA** **MCBS credit: NA** **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Salix nigra	Black Willow	*Cornus racemosa*	Northern swamp-dogwood	*Bidens cernua*	Beggar-Ticks	*Carex pensylvanica*	Pennsylvania Sedge
		Rhamnus cathartic	European Buckthorn	*Sagittaria latifolia*	Common/Broad-leaved Arrowhead	*Carex lacustris*	Lake Sedge
		Juniperus virginia	Red Cedar	*Eupatorium perfoliatum*	Boneset	*Carex stricta*	Tussock Sedge
		Viburnum lentago	Sweet Viburnum	*Panax quinquefolium*	American ginseng	*Carex stipata*	Saw-Beak Sedge
		Salix exigua	Sandbar Willow	*Lobelia cardinalis*	Cardinal Flower	*Carex comosa*	Bottle-brush Sedge
				Impatiens capensis	Jewel Weed	*Typha latifolia*	Broad-leaved Cattail
				Lycopus virginicus	Bugle Weed or Water Horehound	*Leersia oryzoides*	Rice Cut Grass
				Asclepias incarnata	Swamp Milkweed	*Scirpus validus*	Soft-stem Bulrush
				Lemna minor	Duckweed		
				Verbena stricta	Hoary Vervain		
				Rumex orbiculatus	Water Dock		

Area 04-28-20-20

Open Marsh **Acres: ?** **Rank: C** **MCBS site: NA** **MCBS credit: NA** **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Pinus resinosa	Red pine	*Rhamnus cathartic*	European Buckthorn	*Centaurea biebersteinii*	Spotted Knapweed	*Bromus inermis*	Smooth Brome
Acer ginnala	Amur Maple			*Trifolium pratense*	Red Clover	*Dactylis glomerata*	Orchard Grass
Thuja occidentalis	White Cedar						
Pinus sylvestris	Scotch Pine						
Pinus nigra	Austrian Pine						

Section 5

Area 05-28-20-01

Oak Woodland/Brush **Acres:** ? **Rank:** D **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features:** NA

Canopy	Shrub	Forbs	Graminoids
Quercus macr Bur Oak	*Juniperus virginiana* Red Cedar		
Quercus ellip Northern Pin Oak	*Rhamnus cathartica* European Buckthorn		
Ulmus americ American Elm	*Prunus serotina* Black Cherry		
Populus tremu Quaking Aspen	*Ribes cynosbati* Prickly Gooseberry		
	Corylus americana American Hazelnut		

Climbers

Parthenocissus inser Virginia Creeper

Area 05-28-20-02

Old Field/Brush **Acres:** ? **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features:** NA

Canopy	Shrub	Forbs	Graminoids
	Ulmus americana American Elm	*Solidago canadensis* Canada Goldenrod	*Poa pratensis* Kentucky bluegrass
	Rhus glabra Smooth Sumac	*Monarda fistulosa* Bee Balm	*Bromus inermis* Smooth Brome
	Zanthoxylum americ Prickly Ash	*Linaria vulgaris* Butter-and-eggs	
	Cornus rugosa Round Leaved Dogwood	*Achillea millefolium* Yarrow	
	Corylus americana American Hazelnut	*Fragaria virginiana* Common Strawberry	
	Rubus sp. Bramble	*Solidago nemoralis* Gray Goldenrod	
	Juniperus virginiana Red Cedar	*Lotus corniculatus* Bird's Foot Trefoil	
	Pinus resinosa Red pine		

Climbers

Parthenocissus inser Virginia Creeper

Area 05-28-20-03

Open Water/Wet Me: **Acres:** ? **Rank:** ?low? **MCBS site:** NA **MCBS credit:** NA **DNR Rare Feature:** NA

Canopy	Shrub	Forbs		Graminoids	
		Alisma triviale	Water Plantain	*Echinochloa crusgalli*	Wild Millet
		Polygonum sp.	Species of Smartweed	*Glyceria striata*	Fowl Manna Grass
		Bidens cernua	Beggar-Ticks	*Phalaris arundinacea*	Reed Canary Grass
		Verbena hastata	Blue Vervain	*Carex vulpinoidea*	Fox Sedge
				Eleocharis sp.	Species of Spike Rush

Area 05-28-20-04

Excavated Pond/Wet **Acres:** ? **Rank:** D **MCBS site:** NA **MCBS credit:** NA **DNR Rare Feature:** NA

Canopy	Shrub	Forbs		Graminoids	
		Lemna minor	Duckweed	*Phalaris arundinacea*	Reed Canary Grass
		Plantain	#N/A		
		Lycopus virginicus	Bugle Weed or Water Horehound		
		Bidens cernua	Beggar-Ticks		
		Polygonum sp.	Species of Smartweed		

Area 05-28-20-05

Old Field/Wet Meado **Acres:** ? **Rank:** ? **MCBS site:** NA **MCBS credit:** NA **DNR Rare Feature:** NA

Canopy		Shrub		Forbs		Graminoids	
Salix nigra	Black Willow	*Viburnum lentago*	Sweet Viburnum	*Asclepias incarnata*	Swamp Milkweed	*Bromus inermis*	Smooth Brome
Populus delto	Cottonwood	*Rhamnus cathartica*	European Buckthorn	*Arctium minus*	Common Burdock	*Phalaris arundinacea*	Reed Canary Grass
Fraxinus peni	Green Ash	*Acer ginnala*	Amur Maple	*Urtica dioica*	Stinging Nettle	*Spartina pectinata*	Prairie Cordgrass
Acer negundo	Boxelder	*Corylus americana*	American Hazelnut	*Cirsium arvense*	Canada Thistle	*Cyperus esculentus*	Umbrella sedge
Populus tremi	Quaking Aspen	*Cornus racemosa*	Northern swamp-dogwood	*Potentilla palustris*	Marsh Cinquefoil	*Eleocharis acicularis*	Spike Rush
Ulmus americ	American Elm	*Rubus allegheniensis*	Black Berry	*Solidago canadensis*	Canada Goldenrod		
				Linaria vulgaris	Butter-and-eggs		
				Iris versicolor	Blue Flag		

Area 05-28-20-06

Lowland Hardwood I **Acres:** ? **Rank:** ? **MCBS site:** NA **MCBS credit:** NA **DNR Rare Feature:** NA

Canopy		Shrub		Forbs		Graminoids	
Salix nigra	Black Willow	*Rubus allegheniensis*	Black Berry	*Solidago gigantea*	Giant Goldenrod	?	#N/A
Populus delto	Cottonwood	*Salix exigua*	Sandbar Willow	*Urtica dioica*	Stinging Nettle		
Acer negundo	Boxelder						

Climbers

Vitis riparia Wild Grape

Area 05-28-20-07

Open Water Wetland **Acres:** ? **Rank:** ? **MCBS site:** NA **MCBS credit:** NA **DNR Rare Feature:** NA

Canopy		Shrub	Forbs		Graminoids	
Salix nigra	Black Willow		*Lemna minor*	Duckweed	*Scirpus fluviatilis*	River Bulrush
			Ceratophyllum demersum	Coontail	*Phalaris arundinacea*	Reed Canary Grass
			Potamogeton sp.	Pondweed	*Carex stricta*	Tussock Sedge
			Polygonum sp.	Species of Smartweed		
			Asclepias incarnata	Swamp Milkweed		

Area 05-28-20-08

Oak Woodland **Acres:** ? **Rank:** CD **MCBS site:** NA **MCBS credit:** NA **DNR Rare Feature:** NA

Canopy		Shrub		Forbs		Graminoids
Quercus macr	Bur Oak	*Rhamnus cathartica*	European Buckthorn	*Athyrium angustum*	Lady Fern	
Populus tremu	Quaking Aspen	*Ribes cynosbati*	Prickly Gooseberry	*Fragaria virginiana*	Common Strawberry	
Quercus ellip	Northern Pin Oak	*Rubus allegheniensis*	Black Berry			
Quercus rubr	Red Oak	*Cornus rugosa*	Round Leaved Dogwood			
Ulmus americ	American Elm	*Prunus serotina*	Black Cherry			

Acer ginnala Amur Maple

Climbers

Parthenocissus inser Virginia Creeper

Area 05-28-20-09

Mixed Deciduous/Cor **Acres:** ? **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Feature:** NA

Canopy

Acer negundo Boxelder
Ulmus americ American Elm
Fraxinus penn Green Ash
Populus tremu Quaking Aspen
Populus delto Cottonwood
Pinus strobus White Pine

Shrub

Pinus resinosa Red pine
Zanthoxylum americ Prickly Ash
Rhamnus cathartica European Buckthorn
Lonicera tatarica Tartarian Honeysuckle
Rubus allegheniensis Black Berry
Rhus glabra Smooth Sumac

Forbs

Achillea millefolium Yarrow
Aster sp. A species of aster
Solidago nemoralis Gray Goldenrod
Erigeron annuus Daisy Fleabane
Eupatorium rugosum White Snake root
Solidago canadensis Canada Goldenrod
Athyrium angustum Lady Fern

Graminoids

Poa pratensis Kentucky bluegrass
Bromus inermis Smooth Brome

Area 05-28-20-10

Old Field/Brushland **Acres:** ? **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Feature:** NA

Canopy

Fraxinus penn Green Ash
Quercus ellip Northern Pin Oak

Shrub

Juniperus virginiana Red Cedar
Pinus strobus White Pine
Rhus glabra Smooth Sumac
Rhamnus cathartica European Buckthorn
Cornus rugosa Round Leaved Dogwood
Rosa sp. Wild rose
Zanthoxylum americ Prickly Ash

Climbers

Parthenocissus inser Virginia Creeper

Forbs

Aster sp. A species of aster
Verbascum thapsus Common Mullein
Achillea millefolium Yarrow
Solidago canadensis Canada Goldenrod
Monarda fistulosa Bee Balm
Lespedeza capitata Bush-headed Prairie Clover
Galium boreale Northern Bedstraw
Cirsium arvense Canada Thistle
Asclepias syriaca Common Milkweed

Graminoids

Area 05-28-20-11

Oak Woodland (some **Acres:** ? **Rank:** D **MCBS site:** NA **MCBS credit:** NA **DNR Rare Feature:** NA

Canopy		Shrub		Forbs		Graminoids
Quercus macr	Bur Oak	*Quercus ellipsoidalis*	Northern Pin Oak	*Eupatorium rugosum*	White Snake root	
Quercus ellip	Northern Pin Oak	*Juniperus virginiana*	Red Cedar	*Hackelia virginiana*	Virginia Stickseed	
Quercus rubr	Red Oak	*Rhamnus cathartica*	European Buckthorn	*Galium triflorum*	Sweet Scented Bedstraw	
Tilia americ	Basswood	*Prunus serotina*	Black Cherry	*Osmorhiza claytonii*	Sweet Cicely	
Populus trem	Quaking Aspen	*Ulmus americana*	American Elm	*Oxalis stricta*	Common Yellow Wood-Sorrel	
Juniperus vir	Red Cedar	*Acer ginnala*	Amur Maple	*Viola sp.*	Violet species	
				Galium sp.	Bedstraw	
		Climbers		*Actaea rubra*	Red Baneberry	
		Menispermum canad	Moonseed			

Area 05-28-20-12

Mixed Emergent/Rich **Acres:** ? **Rank:** B-C **MCBS site:** NA **MCBS credit:** NA **DNR Rare Feature:** NA

Canopy	Shrub	Forbs		Graminoids	
		Asclepias incarnata	Swamp Milkweed	*Typha latifolia*	Broad-leaved Cattail
		Impatiens pallida	Pale Touch-me-not	*Carex lacustris*	Lake Sedge
		Sagittaria sp.	Arrowhead	*Carex stricta*	Tussock Sedge
		Polygonum arifolium	Tearthumb	*Scirpus validus*	Soft-stem Bulrush
		Rumex orbiculatus	Water Dock	*Calamagrostis canadensis*	Canada Bluejoint Grass
		Eupatorium maculatum	Joe-Pye Weed	*Scirpus atrovirens*	Green Bulrush
		Eupatorium perfoliatum	Boneset	*Carex stipata*	Saw-Beak Sedge
		Mentha sp.	species of mint	*Scirpus cyperinus*	Wooly Bulrush
		Solidago gigantea	Giant Goldenrod	*Phragmites australis*	Giant Reed Grass
		Bidens cernua	Beggar-Ticks	*Eleocharis acicularis*	Spike Rush
		Alisma sp.	Water Plantain	*Phalaris arundinacea*	Reed Canary Grass
		Lemna minor	Duckweed		
		Centaurea biebersteinii	Spotted Knapweed		
		Mimulus ringens	Monkeyflower		

Area 05-28-20-14

Deep-Open Water/En **Acres:** ? **Rank:** D **MCBS site:** NA **MCBS credit:** NA **DNR Rare Feature:** NA

Canopy

Salix nigra Black Willow

Shrub

Forbs

Lemna minor Duckweed
Impatiens capensis Jewel Weed

Graminoids

Typha latifolia Broad-leaved Cattail
Scirpus validus Soft-stem Bulrush
Carex stricta Tussock Sedge
Eleocharis acicularis Spike Rush
Phalaris arundinacea Reed Canary Grass

Area 05-28-20-15

Mesic Oak Forest/La **Acres:** ? **Rank:** CD **MCBS site:** NA **MCBS credit:** NA **DNR Rare Feature:** NA

Canopy

Populus trem Quaking Aspen
Quercus rubr Red Oak
Quercus ellip Northern Pin Oak
Populus delto Cottonwood
Quercus mac Bur Oak
Ulmus americ American Elm
Pinus strobus White Pine
Acer negundo Boxelder
Prunus seroti Black Cherry
Betula papyri Paper Bark Birch

Shrub

Crataegus sp. Hawthorn
Quercus rubra Red Oak
Pinus strobus White Pine
Cornus amomum Silky dogwood
Rhamnus cathartica European Buckthorn
Lonicera tatarica Tartarian Honeysuckle
Prunus serotina Black Cherry
Zanthoxylum americ Prickly Ash
Rubus sp. Bramble
Corylus americana American Hazelnut
Cornus rugosa Round Leaved Dogwood
Juniperus virginiana Red Cedar

Climbers

Parthenocissus inser Virginia Creeper
Vitis riparia Wild Grape
Rhus radicans Poison Ivy

Forbs

Athyrium angustum Lady Fern
Eupatorium rugosum White Snake root
Circaea lutetiana Enchanter's Nightshade
Geum aleppicum Yellow Avens
Fragaria virginiana Common Strawberry

Graminoids

Carex pensylvanica Pennsylvania Sedge

Section 6

Area 06-28-20-01

Stormwater Pond | **Rank:** D? | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Quercus macro Bur Oak	*Salix sp.* Willow	*Mentha arvensis* Common mint	*Phalaris arundinacea* Reed Canary Grass
	Rubus alleghen Black Berry	*Linaria vulgaris* Butter-and-eggs	*Typha latifolia* Broad-leaved Cattail
	Acer negundo Boxelder	*Galium sp.* Bedstraw	*Carex pensylvanica* Pennsylvania Sedge
	Rhamnus catha European Buckthorn	*Polygonum amphibium* Water Smartweed	*Carex stipata* Saw-Beak Sedge
	Quercus macro Bur Oak	*Rumex orbiculatus* Water Dock	
	Lonicera tatari Tartarian Honeysuckle	*Asclepias incarnata* Swamp Milkweed	
		Lemna minor Duckweed	
		Circaea lutetiana Enchanter's Nightshade	
		Eupatorium rugosum White Snake root	
		Arctium minus Common Burdock	

Area 06-28-20-02

Emergent Marsh (Cattail) | **Rank:** D | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Quercus macro Bur Oak	*Rhamnus catha* European Buckthorn	*Taraxacum officinale* Dandelion	*Phalaris arundinacea* Reed Canary Grass
Acer negundo Boxelder	*Rubus strigosus* Wild Raspberry	*Arctium minus* Common Burdock	*Typha latifolia* Broad-leaved Cattail
Ulmus america American Elm	*Lonicera tatari* Tartarian Honeysuckle	*Lemna minor* Duckweed	*Typha angustifolia* Narrow-leaved cattail
	Salix sp. Willow	*Polygonum sp.* Species of Smartweed	
	Climbers		
	Vitis riparia Wild Grape		
	Parthenocissus Virginia Creeper		

Area 06-28-20-03

Oak Woodland | **Rank:** D | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Quercus ellipso Northern Pin Oak	*Rhamnus catha* European Buckthorn	*Leonurus cardiaca* Common Motherwort	*Phalaris arundinacea* Reed Canary Grass
Quercus macro Bur Oak	*Populus deltoia* Cottonwood		*Bromus inermis* Smooth Brome
Populus deltoia Cottonwood	*Rubus alleghen* Black Berry		
Acer negundo Boxelder	*Populus alba* White Poplar		
	Climbers		
	Vitis riparia Wild Grape		

Parthenocissus Virginia Creeper

Area 06-28-20-04

Oak Savanna | **Rank: ?** | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Quercus macro Bur Oak	*Rhamnus catha* European Buckthorn		
Ulmus america American Elm	*Ribes sp.* Gooseberry		
Quercus ellipso Northern Pin Oak	*Fraxinus penns* Green Ash		
Acer negundo Boxelder	*Crataegus sp.* Hawthorn		
	Lonicera tatari Tartarian Honeysuckle		
	Acer negundo Boxelder		
	Sambucus cana Common Elder		
	Prunus sp. Cherry/Plum		
	Quercus macro Bur Oak		
	Rubus strigosus Wild Raspberry		
	Climbers		
	Vitis riparia Wild Grape		
	Parthenocissus Virginia Creeper		

Area 06-28-20-05

Open Water/Mixed Emergent Marsh | **Rank: C/D** | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy	Shrub	Forbs		Graminoids	
		Lemna minor	Duckweed	*Phalaris arundinacea*	Reed Canary Grass
		Sagittaria latifolia	Common/Broad-leaved Arrowhe	*Scirpus validus*	Soft-stem Bulrush
		Polygonum sp.	Species of Smartweed	*Leersia oryzoides*	Rice Cut Grass
				Eleocharis sp.	Species of Spike Rush
				Scirpus fluviatilis	River Bulrush
				Carex stipata	Saw-Beak Sedge
				Scirpus atrovirens	Green Bulrush

Area 06-28-20-06

Open Water/Mixed Emergent marsh | **Rank: CD** | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy	Shrub	Forbs		Graminoids	
		Sagittaria latifolia	Common/Broad-leaved Arrowhe	*Phalaris arundinacea*	Reed Canary Grass
		Lemna minor	Duckweed	*Typha latifolia*	Broad-leaved Cattail
		Polygonum sp.	Species of Smartweed	*Scirpus validus*	Soft-stem Bulrush

Leersia oryzoides	Rice Cut Grass
Scirpus fluviatilis	River Bulrush
Echinochloa crusgalli	Wild Millet

Area 06-28-20-07

Old Field | **Rank:** NR | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
? #N/A	? #N/A	? #N/A	? #N/A

Area 06-28-20-08

Mesic Oak Forest ? | **Rank:** ? | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy	Shrub	Forbs		Graminoids
Quercus ellipso Northern Pin Oak	*Rhamnus catha* European Buckthorn	*Osmorhiza claytonii*	Sweet Cicely	
Quercus macro Bur Oak	*Fraxinus penns* Green Ash	*Galium sp.*	Bedstraw	
Acer negundo Boxelder	*Ribes sp.* Gooseberry	*Circaea lutetiana*	Enchanter's Nightshade	
Prunus serotina Black Cherry	*Prunus sp.* Cherry/Plum	*Arctium minus*	Common Burdock	
Celtis occidenta Hackberry		*Urtica dioica*	Stinging Nettle	
	Climbers	*Arisaema triphyllum*	Jack in the Pulpit	
	Parthenocissus Virginia Creeper			

Area 06-28-20-09

Excavated Pond/Mixed Emergent Marsh | **Rank:** D | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy	Shrub	Forbs		Graminoids	
Quercus macro Bur Oak		*Polygonum spp.*	Species of Smartweed	*Phalaris arundinacea*	Reed Canary Grass
		Alisma triviale	Water Plantain	*Scirpus fluviatilis*	River Bulrush
		Polygonum amphibium	Water Smartweed	*Echinochloa crusgalli*	Wild Millet
		Lythrum salicaria	Purple loosestrife	*Scirpus validus*	Soft-stem Bulrush
		Solidago gigantea	Giant Goldenrod	*Glyceria grandis*	Giant Manna Grass
				Calamovilfa longifolia	Sand Reed Grass

Area 06-28-20-10

Excavated PondWet Meadow | **Rank:** D | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
			Echinochloa crusgalli Wild Millet
			Typha sp. Cattail
			Phalaris arundinacea Reed Canary Grass

Area 06-28-20-11

Conifer Plantation **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Pinus resinosa Red pine		*Arctium minus* Common Burdock	*Bromus inermis* Smooth Brome
Picea glauca White Spruce		*Solidago canadensis* Canada Goldenrod	

Area 06-28-20-12

Conifer Plantation ? **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Pinus resinosa Red pine	*Quercus macro* Bur Oak	*Solidago canadensis* Canada Goldenrod	*Phalaris arundinacea* Reed Canary Grass
Pinus sylvestris Scotch Pine			*Bromus inermis* Smooth Brome
Picea pungens Blue Spruce			

Area 06-28-20-13

Excavated Pond **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
			Phalaris arundinacea Reed Canary Grass

Area 06-28-20-14

Conifer Plantation **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Pinus strobus White Pine			
Pinus resinosa Red pine			
Pinus banksian Jack pine			

Area 06-28-20-15

Oak Woodland **Rank:** D **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs		Graminoids
Quercus macro Bur Oak	*Rhamnus catha* European Buckthorn	*Pilea pumila*	Clearweed	
Quercus ellipso Northern Pin Oak	*Ribes cynosbati* Prickly Gooseberry			
Acer negundo Boxelder	*Quercus rubra* Red Oak			
Populus tremul. Quaking Aspen	*Sambucus cana* Common Elder			
Prunus serotina Black Cherry				
Juniperus virgi. Red Cedar	**Climbers**			
Pinus banksian. Jack pine	*Parthenocissus* Virginia Creeper			

Area 06-28-20-16

Rich Fen **Rank:** ? **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs			Graminoids
	Cornus racemo Northern swamp-dogwood	*Laportea canadensis*	Wood Nettle	*Phalaris arundinacea*	Reed Canary Grass
	Acer ginnala Amur Maple	*Athyrium angustum*	Lady Fern	*Carex stricta*	Tussock Sedge
	Rubus alleghen Black Berry	*Thelypteris palustris*	Marsh Fern	*Glyceria grandis*	Giant Manna Grass
	Sambucus cana Common Elder	*Galium sp.*	Bedstraw	*Carex lacustris*	Lake Sedge
	Rhamnus catha European Buckthorn	*Circaea lutetiana*	Enchanter's Nightshade		
	Corylus americ American Hazelnut	*Bidens cernua*	Beggar-Ticks		
		Erigeron annuus	Daisy Fleabane		
		Polygonum arifolium	Tearthumb		
		Solidago gigantea	Giant Goldenrod		
		Verbena hastata	Blue Vervain		
		Chelone glabra	Turtlehead		
		Rumex orbiculatus	Water Dock		
		Eupatorium perfoliatum	Boneset		
		Thalictrum dioicum	Early Meadow Rue		
		Lathyrus sp.	Vetch		
		Cicuta maculata	Water hemlock		
		Iris versicolor	Blue Flag		

Section 7

Area 07-28-20-01

Mixed Emergent Marsh	**Rank:**	**MCBS site:** NA	**MCBS credit:** NA	**DNR Rare Features** NA

Canopy	**Shrub**	**Forbs**		**Graminoids**	
		Sagittaria latifi	Common/Broad-leaved Arrow	*Phalaris arund*	Reed Canary Grass
		Lemna minor	Duckweed	*Typha latifolia*	Broad-leaved Cattail
		Polygonum am	Water Smartweed	*Carex lacustris*	Lake Sedge
		Polygonum sp.	Species of Smartweed	*Carex stipata*	Saw-Beak Sedge
		Lythrum salica	Purple loosestrife	*Calamagrostis*	Canada Bluejoint Grass

Section 8

Area 08-28-20-01

Dry Bedrock Bluff Prairie **Rank:** ?NR? **MCBS site:** 69 **MCBS credit:** J. C. Almen **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
	Juniperus virgi Red Cedar	*Ratibida pinnata* Gray-headed Coneflower	*Festuca ovina* Sheep Fescue
	Rhus glabra Smooth Sumac	*Strophostyles leios* Wild Bean	*Bromus inermi* Smooth Brome
	Amorpha cane Leadplant	*Ambrosia coronop* Western Ragweed	*Stipa spartea* Porcupine Grass
	Rosa sp. Wild rose	*Oenothera biennis* Evening Primrose	*Bouteloua curt* Side Oats Grama
		Solidago speciosa Showy Goldenrod	*Schizachyrium* Little Bluestem
		Solidago nemorali Gray Goldenrod	*Andropogon ge* Big Bluestem
		Euthamia graminif Grass leaved goldenrod	
		Hypericum perfora Common St. John's-wort	
		Melilotus sp. Sweet Clover	
		Dalea purpurea Purple Prairie Clover	
		Aster sp. A species of aster	
		Liatris punctata Dotted Blazing Star	
		Aster oblongifolius Aromatic Aster	

Area 08-28-20-02

Oak Woodland **Rank:** D **MCBS site:** 69 **MCBS credit:** J. C. Almen **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Quercus macro Bur Oak	*Rhamnus catha* European Buckthorn	*Osmorhiza clayton* Sweet Cicely	
Quercus ellipso Northern Pin Oak	*Acer negundo* Boxelder	*Galium sp.* Bedstraw	
Acer negundo Boxelder	*Sambucus cano* Common Elder	*Desmodium canad* Tick-Trefoil	
Prunus serotin Black Cherry		*Amphicarpaea bra* Hog Peanut	
	Climbers	*Botrychium sp.* Rattlesnake Fern	
	Parthenocissus Virginia Creeper	*Smilacina racemos* False Solomon's Seal	

Area 08-28-20-03

Dry Prairie (Bedrock Bluff Subtype) **Rank:** D **MCBS site:** 69 **MCBS** J. C. Almen **DNR Rare Features**

credit: NA

Canopy	Shrub	Forbs	Graminoids
	Prunus pumila Sand-Cherry	*Comandra umbella* Bastard toad-flax	*Poa sp.* grass
	Ulmus pumila Siberian Elm	*Asclepias verticilla* Whorled Milkweed	*Bromus inermi* Smooth Brome
		Solidago rigida Stiff Goldenrod	*Bouteloua curt* Side Oats Grama
		Amorpha canescen Leadplant	*Schizachyrium* Little Bluestem
		Liatris punctata Dotted Blazing Star	*Andropogon ge* Big Bluestem
		Verbascum thapsu Common Mullein	*Sporobolis het* Prairie Dropseed
		Aster oblongifolius Aromatic Aster	*sporaboral cus* #N/A
		Mirabilis nyctagin Wild Four-O'-Clock	*Poa pratensis* Kentucky bluegrass
		Ratibida pinnata Gray-headed Coneflower	*Poa compressa* Canada Bluegrass
		Solidago nemorali Gray Goldenrod	
		Petalostemon purp Purple Prairie-Clover	
		Aster ericoides Heath Aster	
		Apocynum androsa Spreading Dogbane	
		Monarda fistulosa Bee Balm	
		Sempervivum tecto Hens and Chicks	

Area 08-28-20-04

Conifer Plantation **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Pinus resinosa Red pine	*Zanthoxylum a.* Prickly Ash		
Picea pungens Blue Spruce			
Juniperus virgi Red Cedar			
Ulmus pumila Siberian Elm			
Prunus serotin Black Cherry			

Section 9

Area 09-28-20-01

Deep Open Water Marsh | **Rank:** CD | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy

Salix nigra	Black Willow
Acer negundo	Boxelder

Shrub

Acer ginnala	Amur Maple
Salix nigra	Black Willow
Rhamnus cathartica	European Buckthorn
Acer negundo	Boxelder
Ulmus americana	American Elm

Climbers

Vitis riparia	Wild Grape

Forbs

Lemna minor	Duckweed
Bidens cernua	Beggar-Ticks
Nymphaea odorata	White Water lily
Polygonum sp.	Species of Smartweed
Solidago gigantea	Giant Goldenrod
Arctium minus	Common Burdock
Laportea canadensis	Wood Nettle
Circaea lutetiana	Enchanter's Nightshade

Graminoids

Phalaris arundinacea	Reed Canary Grass
Typha latifolia	Broad-leaved Cattail
Scirpus atrovirens	Green Bulrush
Scirpus validus	Soft-stem Bulrush
Calamagrostis canadensis	Canada Bluejoint Grass
Carex lacustris	Lake Sedge
Leersia oryzoides	Rice Cut Grass

Area 09-28-20-02

Black Locust Plantation | **Rank:** ?NR? | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy

Ulmus parviflo	Chinese Elm
Juglans cinerea	Butternut
Acer negundo	Boxelder
Robinia pseudo	Black Locust
Pinus resinosa	Red pine
Populus deltoic	Cottonwood

Shrub

Rhamnus cathartica	European Buckthorn
Ribes cynosbati	Prickly Gooseberry
Lonicera tatarica	Tartarian Honeysuckle
Fraxinus nigra	Black Ash

Climbers

Parthenocissus inserta	Virginia Creeper

Forbs

Geum aleppicum	Yellow Avens
Osmorhiza claytonii	Sweet Cicely
Arctium minus	Common Burdock
Fragaria sp.	Strawberry
Eupatorium rugosum	White Snake root

Graminoids

Carex sp.	A species of sedge

Area 09-28-20-03

Oak Woodland | **Rank:** C-D | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy

Quercus rubra	Red Oak
Populus tremul	Quaking Aspen
Tilia americana	Basswood

Shrub

Rhamnus cathartica	European Buckthorn
Lonicera tatarica	Tartarian Honeysuckle
Juniperus virginiana	Red Cedar
Acer rubrum	Red Maple
Acer negundo	Boxelder
Ostrya virginiana	Ironwood

Forbs

Osmorhiza claytonii	Sweet Cicely
Anemone quinquefolia	Wood Anemone
Fragaria virginiana	Common Strawberry

Graminoids

Area 09-28-20-04

Oak Woodland | **Rank:** D | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy	Shrub		Forbs		Graminoids	
Betula papyrife Paper Bark Birch	*Rhamnus cathartica*	European Buckthorn	*Fragaria sp.*	Strawberry	*Poa pratensis*	Kentucky bluegrass
Quercus macro Bur Oak	*Ostrya virginiana*	Ironwood	*Hypericum boreale*	St. John's-wort	*Carex sp.*	A species of sedge
Tilia americana Basswood	*Prunus serotina*	Black Cherry	*Athyrium angustum*	Lady Fern		
Quercus ellipsc Northern Pin Oak	*Zanthoxylum americanum*	Prickly Ash	*Hydrophyllum virginianum*	Virginia Waterleaf		
Populus tremul Quaking Aspen	*Lonicera tatarica*	Tartarian Honeysuckle	*Laportea canadensis*	Wood Nettle		
Juniperus virgi Red Cedar	*Ribes cynosbati*	Prickly Gooseberry	*Osmorhiza claytonii*	Sweet Cicely		
	Acer ginnala	Amur Maple	*Geum aleppicum*	Yellow Avens		
			Leonurus cardiaca	Common Motherwort		
			Galium triflorum	Sweet Scented Bedstraw		
			Desmodium glutinosum	Pointed-leaved tick-trefoil		

Area 09-28-20-05

Lowland Harwood Forest | **Rank:** CD | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy	Shrub		Forbs		Graminoids	
Populus deltoic Cottonwood	*Rhamnus cathartica*	European Buckthorn	*Hydrophyllum virginianum*	Virginia Waterleaf	*Carex pensylvanica*	Pennsylvania Sedge
Tilia americana Basswood	*Ribes hirtellum*	Smooth Gooseberry	*Leonurus cardiaca*	Common Motherwort		
Populus tremul Quaking Aspen	*Lonicera tatarica*	Tartarian Honeysuckle	*Galium triflorum*	Sweet Scented Bedstraw		
Quercus rubra Red Oak			*Athyrium angustum*	Lady Fern		
Ulmus america American Elm			*Geum aleppicum*	Yellow Avens		
Robinia pseudc Black Locust			*Urtica dioica*	Stinging Nettle		
			Eupatorium rugosum	White Snake root		

Area 09-28-20-06

Mixed Hardwood/Conifer Plantation | **Rank:** NR | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy	Shrub		Forbs		Graminoids
Robinia pseudc Black Locust	*Ribes cynosbati*	Prickly Gooseberry	*Galium triflorum*	Sweet Scented Bedstraw	
Pinus resinosa Red pine	*Rhamnus cathartica*	European Buckthorn	*Geum aleppicum*	Yellow Avens	
Fraxinus penns Green Ash	*Ulmus americana*	American Elm	*Osmorhiza claytonii*	Sweet Cicely	
Pinus banksian Jack pine	*Fraxinus pennsylvanica*	Green Ash	*Laportea canadensis*	Wood Nettle	

Acer negundo Boxelder
Populus tremul Quaking Aspen
Ulmus america American Elm
Quercus macro Bur Oak

Lonicera tatarica Tartarian Honeysuckle
Zanthoxylum americanum Prickly Ash

Hypericum boreale St. John's-wort

Area 09-28-20-07

Old Field **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub		Forbs		Graminoids	
Juniperus virgi Red Cedar	*Rhamnus cathartica*	European Buckthorn	*Cirsium sp.*	Thistle	*Poa sp.*	grass
Pinus sylvestris Scotch Pine					*Bromus inermis*	Smooth Brome
Robinia pseudc Black Locust						

Area 09-28-20-08

Oak Savanna/Pasture **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids	
Quercus macro Bur Oak			*Poa sp.*	grass
			Bromus inermis	Smooth Brome

Area 09-28-20-09

Old Field **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub		Forbs	Graminoids	
Pinus resinosa Red pine	*Acer ginnala*	Amur Maple		*Bromus inermis*	Smooth Brome
Juniperus virgi Red Cedar	*Rhamnus cathartica*	European Buckthorn		*Dactylis glomerata*	Orchard Grass
	Lonicera tatarica	Tartarian Honeysuckle			

Area 09-28-20-10

Conifer Plantation **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub		Forbs	Graminoids
Pinus resinosa Red pine	*Rhamnus cathartica*	European Buckthorn		

Area 09-28-20-11

Oak Woodland **Rank:** D **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Betula papyrife	Paper Bark Birch	*Rhamnus cathartica*	European Buckthorn	*Solidago canadensis*	Canada Goldenrod	*Poa pratensis*	Kentucky bluegrass
Quercus ellipsc	Northern Pin Oak	*Prunus serotina*	Black Cherry	*Linaria vulgaris*	Butter-and-eggs	*Bromus inermis*	Smooth Brome
Quercus rubra	Red Oak	*Rhus glabra*	Smooth Sumac	*Geum aleppicum*	Yellow Avens		
Populus tremul	Quaking Aspen	*Rubus strigosus*	Wild Raspberry				
Prunus serotin	Black Cherry	*Zanthoxylum americanum*	Prickly Ash				
Acer negundo	Boxelder	*Prunus americana*	American Plum				
Populus deltoic	Cottonwood						

Section 10

Area 10-28-20-01

Deep Open Water Marsh | **Rank:** ? | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Salix nigra	Black Willow	*Rhamnus cathartica*	European Buckthorn	*Impatiens capensis*	Jewel Weed	*Typha angustifolia*	Narrow-leaved cattail
Acer saccharinum	Silver Maple	*Cornus stolonifera*	Red Osier dogwood	*Eupatorium perfoliatum*	Boneset	*Phalaris arundinacea*	Reed Canary Grass
				Nuphar luteum	Small yellow pond-lily	*Leersia oryzoides*	Rice Cut Grass
				Polygonum sp.	Species of Smartweed	*Scirpus validus*	Soft-stem Bulrush
				Ceratophyllum sp.	Coontail	*Scirpus fluviatilis*	River Bulrush
				Iris versicolor	Blue Flag	*Carex lacustris*	Lake Sedge
				Polygonum amphibium	Water Smartweed	*Carex stricta*	Tussock Sedge
				Geum sp.	Avens	*Carex stipata*	Saw-Beak Sedge
				Galium sp.	Bedstraw		

Area 10-28-20-02

Oak Forest/Woodland | **Rank:** ? | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Quercus rubra	Red Oak	*Rhamnus cathartica*	European Buckthorn	?	#N/A	?	#N/A
Juniperus virginiana	Red Cedar						

Area 10-28-20-03

Juniper Woodland | **Rank:** D | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Juniperus virginiana	Red Cedar	*Zanthoxylum americanum*	Prickly Ash	*Centaurea biebersteinii*	Spotted Knapweed	*Sporobolis heterolepis*	Prairie Dropseed
Pinus resinosa	Red pine	*Rubus strigosus*	Wild Raspberry	*Verbascum thapsus*	Common Mullein		
Acer negundo	Boxelder	*Rhamnus cathartica*	European Buckthorn	*Aster sp.*	A species of aster		
		Acer ginnala	Amur Maple	*Solidago canadensis*	Canada Goldenrod		
		Prunus pumila	Sand-Cherry	*Fragaria virginiana*	Common Strawberry		
		Rhus glabra	Smooth Sumac	*Achillea millefolium*	Yarrow		
				Aster oolentangiensis	Sky-Blue Aster		
		Climbers		*Taraxacum officinale*	Dandelion		
		Vitis riparia	Wild Grape				
		Parthenocissus inserta	Virginia Creeper				

Area 10-28-20-04

Dry Oak Forest | **Rank:** C | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids

Quercus macrocarpa	Bur Oak	*Acer ginnala*	Amur Maple	*Osmorhiza claytonii*	Sweet Cicely
Quercus ellipsoidalis	Northern Pin Oak	*Rhamnus cathartica*	European Buckthorn	*Galium triflorum*	Sweet Scented Bedstraw
Populus tremuloides	Quaking Aspen	*Zanthoxylum americanum*	Prickly Ash	*Geum aleppicum*	Yellow Avens
Ulmus americana	American Elm	*Ulmus americana*	American Elm	*Streptopus roseus*	Rose Twisted Stalk

Area 10-28-20-05

Mixed Coniferous/Deciduous Forest **Rank:** D **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Pinus resinosa	Red pine	*Rhamnus cathartica*	European Buckthorn	*Osmunda claytoniana*	Interrupted Fern		
Robinia pseudo-acacia	Black Locust	*Prunus serotina*	Black Cherry				
Quercus macrocarpa	Bur Oak	*Acer ginnala*	Amur Maple				
		Ulmus americana	American Elm				

Area 10-28-20-06

Old Field/Conifer Plantation **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Quercus macrocarpa	Bur Oak	*Acer ginnala*	Amur Maple	*Centaurea biebersteinii*	Spotted Knapweed	*Sporobolis heterolepis*	Prairie Dropseed
Juniperus virginiana	Red Cedar	*Pinus resinosa*	Red pine	*Trifolium repens*	White Clover	*Phleum pratense*	Timothy
Robinia pseudo-acacia	Black Locust	*Juniperus virginiana*	Red Cedar	*Aster ericoides*	Heath Aster	*Sorghastrum nutans*	Indian Grass
Pinus resinosa	Red pine	*Robinia pseudo-acacia*	Black Locust	*Solidago canadensis*	Canada Goldenrod	*Poa sp.*	grass
		Rhamnus cathartica	European Buckthorn	*Trifolium arvense*	Rabbitfoot Clover	*Bromus inermis*	Smooth Brome
				Solidago rigida	Stiff Goldenrod		
				Solidago nemoralis	Gray Goldenrod		
				Lespedeza capitata	Bush-headed Prairie Clover		
				Ratibida pinnata	Gray-headed Coneflower		

Area 10-28-20-07

Pine Plantation **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Pinus resinosa	Red pine	*Acer ginnala*	Amur Maple	*Cirsium sp.*	Thistle	*Phalaris arundinacea*	Reed Canary Grass
Pinus banksiana	Jack pine	*Rhamnus cathartica*	European Buckthorn	*Solidago sp.*	a species of goldenrod	*Bromus inermis*	Smooth Brome
Pinus strobus	White Pine	*Rhus radicans*	Poison Ivy	*Taraxacum officinale*	Dandelion	*Sporobolis heterolepis*	Prairie Dropseed
Juniperus virginiana	Red Cedar	*Zanthoxylum americanum*	Prickly Ash	*Monarda fistulosa*	Bee Balm		
Robinia pseudo-acacia	Black Locust	*Prunus serotina*	Black Cherry	*Digitalis lanata*	Foxglove		
Populus tremuloides	Quaking Aspen	*Rubus strigosus*	Wild Raspberry	*Verbascum thapsus*	Common Mullein		
				Amorpha canescens	Leadplant		
				Asclepias sp.	Milkweed		
				Centaurea biebersteinii	Spotted Knapweed		

Area 10-28-20-08

Mixed Coniferous/Deciduous Forest | **Rank:** NR | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs			Graminoids
Populus deltoides	Cottonwood	*Zanthoxylum americanum*	Prickly Ash				
Quercus macrocarpa	Bur Oak	*Rhus radicans*	Poison Ivy				
Juniperus virginiana	Red Cedar	*Acer ginnala*	Amur Maple				
Acer ginnala	Amur Maple	*Pinus strobus*	White Pine				
Acer negundo	Boxelder	*Rhamnus cathartica*	European Buckthorn				

Area 10-28-20-09

Oak Forest/Woodland | **Rank:** C | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs			Graminoids
Quercus macrocarpa	Bur Oak	*Rhamnus cathartica*	European Buckthorn	*Osmorhiza claytonii*	Sweet Cicely	*Carex pensylvanica*	Pennsylvania Sedge
Quercus ellipsoidalis	Northern Pin Oak			*Viola sp.*	Violet species		
Tilia americana	Basswood	**Climbers**		*Athyrium angustum*	Lady Fern		
Populus tremuloides	Quaking Aspen	*Parthenocissus inserta*	Virginia Creeper	*Geum aleppicum*	Yellow Avens		

Area 10-28-20-11

Prairie Restoration | **Rank:** NR | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy	Shrub	Forbs			Graminoids
		Rudbeckia hirta	Brown-eyed susan	*Schizachyrium scoparium*	Little Bluestem
		Sempervivum tectorum	Hens and Chicks	*Andropogon gerardii*	Big Bluestem
		Liatris punctata	Dotted Blazing Star	*Sorghastrum nutans*	Indian Grass
		Solidago sp.	a species of goldenrod	*Bouteloua curtipendula*	Side Oats Grama
		Cirsium sp.	Thistle	*Panicum virgatum*	Switchgrass
		Ratibida columnifera	Prairie Coneflower	*Elymus canadensis*	Canada Wild Rye
		Solidago missouriensis	Missouri Goldenrod	*Bromus inermis*	Smooth Brome
		Potentilla recta	Sulfur Cinquefoil	\	
		Echinacea pallida	Pale coneflower		
		Lespedeza capitata	Bush-headed Prairie Clover		

Area 10-28-20-13

Shallow Open Water Marsh | **Rank:** C | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy	Shrub	Forbs			Graminoids
		Bidens frondosa	Leafy Beggar-Ticks	*Leersia oryzoides*	Rice Cut Grass
		Lemna minor	Duckweed	*Glyceria grandis*	Giant Manna Grass
		Polygonum amphibium	Water Smartweed	*Scirpus fluviatilis*	River Bulrush

Eupatorium rugosum	White Snake root	*Carex stricta*	Tussock Sedge
Solidago gigantea	Giant Goldenrod	*Phalaris arundinacea*	Reed Canary Grass
Onoclea sensibilis	Sensitive Fern	*Calamagrostis canadensis*	Canada Bluejoint Grass
Aster sp.	A species of aster	*Scirpus cyperinus*	Wooly Bulrush
Mentha sp.	species of mint	*Spartina pectinata*	Prairie Cordgrass
Laportea canadensis	Wood Nettle		
Polygonum sp.	Species of Smartweed		
Verbena hastata	Blue Vervain		
Lycopus americanus	Cut-Leaved Bugleweed		
Geum aleppicum	Yellow Avens		
Eupatorium perfoliatum	Boneset		

Area 10-28-20-14

Oak Woodland **Rank:** C-D **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Quercus macrocarpa	Bur Oak	*Acer ginnala*	Amur Maple	*Desmodium glutinosum*	Pointed-leaved tick-trefoil	*Carex pensylvanica*	Pennsylvania Sedge
Quercus ellipsoidalis	Northern Pin Oak	*Rhamnus cathartica*	European Buckthorn	*Osmorhiza claytonii*	Sweet Cicely		
Prunus serotina	Black Cherry	*Cornus alternifolia*	Pagoda Dogwood	*Geum aleppicum*	Yellow Avens		
		Rubus strigosus	Wild Raspberry	*Isopyrum biternatum*	False Rue Anenome		
		Prunus serotina	Black Cherry	*Athyrium angustum*	Lady Fern		
		Corylus americana	American Hazelnut	*Aralia nudicaulis*	Wild Sarsaparilla		
		Rhus radicans	Poison Ivy	*Fragaria virginiana*	Common Strawberry		
		Zanthoxylum americanum	Prickly Ash	*Streptopus roseus*	Rose Twisted Stalk		
				Maianthemum canadense	Canada Mayflower		
		Climbers		*Geranium maculatum*	Wild Geranium		
		Parthenocissus inserta	Virginia Creeper	*Galium triflorum*	Sweet Scented Bedstraw		

Area 10-28-20-15

Red Pine Plantation **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Pinus resinosa	Red pine	*Quercus rubra*	Red Oak	*Eupatorium rugosum*	White Snake root	*Bromus inermis*	Smooth Brome
		Rhamnus cathartica					
		Prunus serotina					
		Rubus strigosus					
		Rhus radicans					

Section 11

Area 11-28-20-02

Lowland Hardwood Forest | **Rank:** C | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Salix nigra	Black Willow	*Rhamnus cathartica*	European Buckthorn	*Bidens frondosa*	Leafy Beggar-Ticks	*Typha angustifolia*	Narrow-leaved cattail
Populus deltoides	Cottonwood	*Acer ginnala*	Amur Maple	*Epilobium coloratum*	Purple-Leaved Willow-Herb	*Carex lacustris*	Lake Sedge
Acer negundo	Boxelder	*Quercus rubra*	Red Oak	*Solidago gigantea*	Giant Goldenrod	*Carex comosa*	Bottle-brush Sedge
Betula papyrifera	Paper Bark Birch	*Lonicera tatarica*	Tartarian Honeysuckle	*Eupatorium maculatum*	Joe-Pye Weed	*Leersia oryzoides*	Rice Cut Grass
		Ulmus americana	American Elm	*Polygonum sp.*	Species of Smartweed		
		Cornus stolonifera	Red Osier dogwood	*Onoclea sensibilis*	Sensitive Fern		
				Laportea canadensis	Wood Nettle		
				Alisma gramineum	Water Plantain		
				Lemna minor	Duckweed		
				Asclepias syriaca	Common Milkweed		
				Sagittaria latifolia	Common/Broad-leaved Arrowhead		

Area 11-28-20-03

Oak Woodland | **Rank:** D | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids
Quercus macrocarpa	Bur Oak	*Rhamnus cathartica*	European Buckthorn	*Eupatorium rugosum*	White Snake root	
Populus tremuloides	Quaking Aspen	*Corylus americana*	American Hazelnut	*Fragaria virginiana*	Common Strawberry	
Quercus ellipsoidalis	Northern Pin Oak	*Zanthoxylum americanum*	Prickly Ash	*Osmorhiza claytonii*	Sweet Cicely	
Juniperus virginiana	Red Cedar	*Rhus radicans*	Poison Ivy			
		Climbers				
		Parthenocissus inserta	Virginia Creeper			

Section 14

Area 14-28-20-01

Mixed Coniferous/Deciduous Plantation **Rank:** NR **MCBS site:** NA **MCBS** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Pinus resinosa	Red pine	*Rhamnus cathartica*	European Buckthorn				
Acer negundo	Boxelder	*Prunus serotina*	Black Cherry				
Tilia americana	Basswood	*Acer negundo*	Boxelder				
Pinus strobus	White Pine						
Robinia pseudo-acacia	Black Locust	**Climbers**					
Ulmus americana	American Elm	*Parthenocissus inserta*	Virginia Creeper				

Area 14-28-20-02

Oak Woodland/Savanna **Rank:** C **MCBS site:** NA **MCBS** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Quercus ellipsoidalis	Northern Pin Oak	*Rhamnus cathartica*	European Buckthorn	*Amorpha canescens*	Leadplant	*Sorghastrum nutans*	Indian Grass
Fraxinus pennsylvanica	Green Ash	*Lonicera tatarica*	Tartarian Honeysuckle	*Chamaecrista fasciculata*	Partridge-Pea	*Panicum virgatum*	Switchgrass
Pinus resinosa	Red pine	*Zanthoxylum americanum*	Prickly Ash	*Achillea millefolium*	Yarrow	*Sporobolis heterolepis*	Prairie Dropseed
Quercus macrocarpa	Bur Oak	*Rubus strigosus*	Wild Raspberry	*Liatris punctata*	Dotted Blazing Star	*Stipa spartea*	Porcupine Grass
Pinus banksiana	Jack pine	*Prunus serotina*	Black Cherry	*Anemone cylindrica*	Thimbleweed	*Schizachyrium scoparium*	Little Bluestem
		Acer ginnala	Amur Maple	*Aster oolentangiensis*	Sky-Blue Aster	*Bouteloua curtipendula*	Side Oats Grama
		Ribes cynosbati	Prickly Gooseberry	*Asclepias tuberosa*	Butterfly Milkweed		
				Mentha sp.	species of mint		

Area 14-28-20-03

Floodplain Forest **Rank:** BC-B **MCBS site:** NA **MCBS** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Acer saccharinum	Silver Maple	*Ulmus americana*	American Elm	*Aster sp.*	A species of aster	*Carex lacustris*	Lake Sedge
		Prunus serotina	Black Cherry	*Laportea canadensis*	Wood Nettle	*Elymus virginicus*	Virginia Wild rye
				Hydrocotyle americana	Water Pennywort	*Leersia oryzoides*	Rice Cut Grass
				unknown	unknown species	*Carex comosa*	Bottle-brush Sedge
				Glechoma hederacea	Creeping Charlie	*Carex bebbii*	Bebbs sedge
				Urtica dioica	Stinging Nettle		
				Botrychium sp.	Rattlesnake Fern		

Area 14-28-20-05

Wet Meadow/Floodplain Forest **Rank:** C **MCBS site:** NA **MCBS** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids

Spiraea alba	Steeplebush; hardhack	*Bidens cernua*	Beggar-Ticks	*Scirpus fluviatilis*	River Bulrush
		Sagittaria latifolia	Common/Broad-leaved Arrow	*Carex sp.*	A species of sedge
		Lemna minor	Duckweed	*Scirpus validus*	Soft-stem Bulrush
		Rumex orbiculatus	Water Dock	*Leersia oryzoides*	Rice Cut Grass
		Polygonum sp.	Species of Smartweed	*Carex stipata*	Saw-Beak Sedge
		Galium sp.	Bedstraw		
		Myosotis scorpioides	Water Scorpion-Grass		
		Polygonatum pubescens	Hairy Solomon's Seal		
		Urtica dioica	Stinging Nettle		
		Impatiens capensis	Jewel Weed		
		Alisma triviale	Water Plantain		
		Eupatorium maculatum	Joe-Pye Weed		

Area 14-28-20-06

Mixed Emergent Marsh/Rich Fen **Rank:** D **MCBS site:** NA **MCBS** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
				Lemna minor	Duckweed	*Carex lacustris*	Lake Sedge
				Bidens cernua	Beggar-Ticks	*Phalaris arundinacea*	Reed Canary Grass
				Prenanthes alba	White Lettuce		
				Polygonum amphibium	Water Smartweed		
				Polygonum sp.	Species of Smartweed		

Area 14-28-20-07

Dry Oak Forest **Rank:** C **MCBS site:** NA **MCBS** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Quercus macrocarpa	Bur Oak	*Rhamnus cathartica*	European Buckthorn	*Eupatorium rugosum*	White Snake root	*Carex pensylvanica*	Pennsylvania Sedge
Quercus ellipsoidalis	Northern Pin Oak	*Zanthoxylum americanum*	Prickly Ash				
Fraxinus nigra	Black Ash	*Prunus virginiana*	Choke-Cherry				
Quercus rubra	Red Oak	*Rubus strigosus*	Wild Raspberry				
Juniperus virginiana	Red Cedar	*Corylus cornuta*	Beaked Hazelnut				
		Ribes cynosbati	Prickly Gooseberry				
		Rhus radicans	Poison Ivy				

Area 14-28-20-08

Wet Meadow **Rank:** ? **MCBS site:** NA **MCBS** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Acer saccharinum	Silver Maple	*Rubus strigosus*	Wild Raspberry	*Urtica dioica*	Stinging Nettle	*Phalaris arundinacea*	Reed Canary Grass
Salix nigra	Black Willow	*Rhamnus cathartica*	European Buckthorn	*Eupatorium rugosum*	White Snake root	*Cinna arundinacea*	Wood Reedgrass
Ulmus americana	American Elm	*Rhamnus frangula*	Smooth buckthorn	*Solidago gigantea*	Giant Goldenrod	*Carex stricta*	Tussock Sedge
Acer negundo	Boxelder	*Ulmus americana*	American Elm	*Eupatorium perfoliatum*	Boneset	*Elymus virginicus*	Virginia Wild rye

Cirsium muticum	Swamp Thistle	*Calamagrostis canadensis*	Canada Bluejoint Grass
Cicuta maculata	Water hemlock	*Carex stipata*	Saw-Beak Sedge

Section 15

Area 15-28-20-01

Oak Woodland/Spruce Plantation | **Rank:** C | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Juniperus virginiana	Red Cedar	*Rhamnus cathartica*	European Buckthorn	*Eupatorium rugosum*	White Snake root	*Poa sp.*	grass
Quercus ellipsoidalis	Northern Pin Oak	*Rubus strigosus*	Wild Raspberry	*Fragaria virginiana*	Common Strawberry		
Populus tremuloides	Quaking Aspen	*Zanthoxylum americanum*	Prickly Ash	*Geum aleppicum*	Yellow Avens		
Picea glauca	White Spruce	*Corylus americana*	American Hazelnut	*Galium triflorum*	Sweet Scented Bedstraw		
		Picea glauca	White Spruce	*Achillea millefolium*	Yarrow		
				Solidago sp.	a species of goldenrod		
				Verbascum thapsus	Common Mullein		

Area 15-28-20-02

Floodplain Forest | **Rank:** CD | **MCBS site:** 61 | **MCBS credit:** J. Almendin and W. Smit | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids
Ulmus americana	American Elm	*Rhamnus cathartica*	European Buckthorn	*Helenium autumnale*	Sneezeweed	*Carex lacustris* Lake Sedge
Fraxinus nigra	Black Ash	*Crataegus sp.*	Hawthorn	*Viola sp.*	Violet species	
Salix nigra	Black Willow	*Berberis thunbergii*	Japanese Barberry	*Desmodium glutinosum*	Pointed-leaved tick-trefoil	
Populus deltoides	Cottonwood	*Rubus strigosus*	Wild Raspberry	*Laportea canadensis*	Wood Nettle	
Celtis occidentalis	Hackberry			*Impatiens capensis*	Jewel Weed	
Betula papyrifera	Paper Bark Birch			*Myosotis laxa*	Smaller Forget-me-not	
Quercus macrocarpa	Bur Oak			*Ranunculus fascicularis*	Swamp Buttercup	
				Urtica dioica	Stinging Nettle	
				Panax quinquefolium	American ginseng	
				Hydrophyllum virginianum	Virginia Waterleaf	
				Geum aleppicum	Yellow Avens	
				Osmorhiza claytonii	Sweet Cicely	

Area 15-28-20-03

Wet Meadow | **Rank:** CD | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Salix nigra	Black Willow	*Lonicera tatarica*	Tartarian Honeysuckle	*Angelica atropurpurea*	Angelica	*Phalaris arund*	Reed Canary Grass
		Rhamnus cathartica	European Buckthorn	*Eupatorium maculatum*	Joe-Pye Weed	*Carex stipata*	Saw-Beak Sedge
				Verbena hastata	Blue Vervain		
				Cirsium muticum	Swamp Thistle		

Area 15-28-20-04

Rich Fen | **Rank:** BC | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy	Shrub		Forbs		Graminoids	
	Cornus stolonifera	Red Osier dogwood	*Rumex verticillatus*	Swamp Dock	*Phalaris arund*	Reed Canary Grass
			Eupatorium maculatum	Joe-Pye Weed	*Typha latifolia*	Broad-leaved Cattail
			Epilobium coloratum	Purple-Leaved Willow-Herb	*Carex lacustris*	Lake Sedge
			Lemna minor	Duckweed	*Carex stricta*	Tussock Sedge
			Eupatorium perfoliatum	Boneset	*Carex stipata*	Saw-Beak Sedge
			Lycopus americanus	Cut-Leaved Bugleweed	*Calamagrostis*	Canada Bluejoint Grass
			Galium triflorum	Sweet Scented Bedstraw	*Glyceria sp.*	Manna Grass
			Verbena hastata	Blue Vervain	*Scirpus atrovir*	Green Bulrush
			Caltha palustris	Marsh Marigold		
			Solidago sp.	a species of goldenrod		
			Polygonum sp.	Species of Smartweed		
			Lysimachia ciliata	Fringed Loosestrife		
			Bidens cernua	Beggar-Ticks		
			Rumex orbiculatus	Water Dock		

Area 15-28-20-05

Alder Swamp | **Rank:** B | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy	Shrub		Forbs		Graminoids	
	Alnus incana	Speckled Alder	*Caltha palustris*	Marsh Marigold	*Carex lacustris*	Lake Sedge
	Betula papyrifera	Paper Bark Birch	*Geum sp.*	Avens	*Leersia oryzoia*	Rice Cut Grass
	Rhamnus cathartica	European Buckthorn	*Laportea canadensis*	Wood Nettle	*Elymus virginic*	Virginia Wild rye
	Acer ginnala	Amur Maple	*Circaea lutetiana*	Enchanter's Nightshade	*Calamagrostis*	Canada Bluejoint Grass
	Populus tremuloides	Quaking Aspen	*Thelypteris palustris*	Marsh Fern	*Phalaris arund*	Reed Canary Grass
	Salix bebbiana	Long Beaked Willow	*Onoclea sensibilis*	Sensitive Fern	*Carex stricta*	Tussock Sedge
			Solidago gigantea	Giant Goldenrod	*Typha angustifi*	Narrow-leaved cattail
			Eupatorium maculatum	Joe-Pye Weed	*Spartina pectin*	Prairie Cordgrass
			Eupatorium perfoliatum	Boneset		
			Verbena hastata	Blue Vervain		
			Asclepias incarnata	Swamp Milkweed		
			Bidens cernua	Beggar-Ticks		
			Rumex orbiculatus	Water Dock		

Area 15-28-20-06

Red/White Pine Plantation **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids
Pinus resinosa	Red pine	*Lonicera tatarica*	Tartarian Honeysuckle	*Eupatorium rugosum*	White Snake root	*Elymus virginic* Virginia Wild rye
Pinus strobus	White Pine	*Zanthoxylum americanum*	Prickly Ash	*Galium triflorum*	Sweet Scented Bedstraw	*Carex pensylva* Pennsylvania Sedge
		Prunus serotina	Black Cherry	*Geum aleppicum*	Yellow Avens	
		Rubus strigosus	Wild Raspberry	*Osmorhiza claytonii*	Sweet Cicely	
		Rhamnus cathartica	European Buckthorn	*Fragaria virginiana*	Common Strawberry	
		Rhus radicans	Poison Ivy	*Desmodium glutinosum*	Pointed-leaved tick-trefoil	
		Quercus rubra	Red Oak	*Solidago sp.*	a species of goldenrod	
				Centaurea biebersteinii	Spotted Knapweed	

Area 15-28-20-07

Oak Woodland **Rank:** C to BC (M **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids
Quercus rubra	Red Oak	*Rhamnus cathartica*	European Buckthorn	*Desmodium glutinosum*	Pointed-leaved tick-trefoil	*Carex pensylva* Pennsylvania Sedge
Quercus ellipsoidalis	Northern Pin Oak	*Zanthoxylum americanum*	Prickly Ash	*Aster puniceus*	Purple Stemmed Aster	
Populus grandidentata	Big-Toothed Aspen	*Ribes cynosbati*	Prickly Gooseberry	*Amphicarpaea bracteata*	Hog Peanut	
Populus tremuloides	Quaking Aspen	*Rubus strigosus*	Wild Raspberry	*Goodyera pubescens*	Downy Rattlesnake Plantain	
Robinia pseudo-acacia	Black Locust	*Ostrya virginiana*	Ironwood	*Athyrium angustum*	Lady Fern	
Betula papyrifera	Paper Bark Birch			*Osmunda claytoniana*	Interrupted Fern	
Tilia americana	Basswood			*Hepatica americana*	Round-lobed Hepatica	
Ulmus rubra	Slippery Elm			*Anemone quinquefolia*	Wood Anemone	

Area 15-28-20-08

Dry Oak Forest **Rank:** C **MCBS site:** 62 **MCBS credit:** M. J. Scanlc **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids
Quercus rubra	Red Oak	*Rhamnus cathartica*	European Buckthorn	*Uvularia grandiflora*	Largeflower Bellwort	*Carex pensylva* Pennsylvania Sedge
Tilia americana	Basswood	*Ribes cynosbati*	Prickly Gooseberry	*Eupatorium rugosum*	White Snake root	
Quercus alba	White Oak	*Rubus strigosus*	Wild Raspberry	*Urtica dioica*	Stinging Nettle	
Ostrya virginiana	Ironwood	*Prunus serotina*	Black Cherry	*Osmorhiza claytonii*	Sweet Cicely	
		Sambucus canadensis	Common Elder	*Aquilegia canadensis*	Wild Columbine	
		Climbers		*Smilax ecirrata*	Greenbrier	
		Vitis riparia	Wild Grape	*Pteridium aquilinum*	Bracken Fern	
				Pyrola secunda	One-sided Pyrola	
				Galium triflorum	Sweet Scented Bedstraw	
				Adiantum pedatum	Maidenhair Fern	

Solidago flexicaulis	Zig-zag Goldenrod
Aster macrophyllus	Big Leaved Aster
Hepatica americana	Round-lobed Hepatica
Lycopodium lucidulum	Shining Clubmoss
Amphicarpaea bracteata	Hog Peanut
Fragaria virginiana	Common Strawberry

Area 15-28-20-09

Black Locust Plantation? **Rank:** D **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Robinia pseudo-acacia	Black Locust	?	#N/A	?	#N/A	?	#N/A

Area 15-28-20-10

Rich Fen **Rank:** D **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Salix nigra	Black Willow	*Salix nigra*	Black Willow	*Bidens cernua*	Beggar-Ticks	*Phalaris arund*	Reed Canary Grass
Fraxinus nigra	Black Ash			*Lemna minor*	Duckweed		

Area 15-28-20-12

Oak Woodland/Forest **Rank:** CD **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Quercus macrocarpa	Bur Oak	*Rhamnus cathartica*	European Buckthorn	*Athyrium angustum*	Lady Fern	*Carex pensylva*	Pennsylvania Sedge
Quercus rubra	Red Oak	*Quercus rubra*	Red Oak	*Hylocomium sp.*	Feather Moss	*Carex sp.*	A species of sedge
Quercus alba	White Oak	*Rubus strigosus*	Wild Raspberry	*Fragaria sp.*	Strawberry		
Prunus serotina	Black Cherry	*Ribes cynosbati*	Prickly Gooseberry	*Geum aleppicum*	Yellow Avens		
Betula papyrifera	Paper Bark Birch			*Aster sp.*	A species of aster		
Juniperus virginiana	Red Cedar						
Ulmus americana	American Elm						
Populus grandidentata	Big-Toothed Aspen						

Area 15-28-20-13

Mesic Oak Forest **Rank:** C **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids
Quercus rubra	Red Oak	*Rubus strigosus*	Wild Raspberry	*Athyrium angustum*	Lady Fern	*Carex pensylva* Pennsylvania Sedge
Quercus alba	White Oak	*Prunus virginiana*	Choke-Cherry	*Geum aleppicum*	Yellow Avens	
Quercus macrocarpa	Bur Oak	*Sambucus racemosa*	Red-Berried Elder	*Osmunda claytoniana*	Interrupted Fern	
Betula papyrifera	Paper Bark Birch	*Rhamnus cathartica*	European Buckthorn	*Osmorhiza claytonii*	Sweet Cicely	
Quercus ellipsoidalis	Northern Pin Oak	*Ribes cynosbati*	Prickly Gooseberry	*Eupatorium rugosum*	White Snake root	
Juniperus virginiana	Red Cedar	*Quercus rubra*	Red Oak	*Aster sp.*	A species of aster	
				Adiantum pedatum	Maidenhair Fern	
				Galium triflorum	Sweet Scented Bedstraw	
				Laportea canadensis	Wood Nettle	
				Equisetum hyemale	Common Scouring Rush	
				Fragaria sp.	Strawberry	
				Hypericum perforatum	Common St. John's-wort	

Area 15-28-20-14

Oak Savanna Restoration **Rank:** ?NR? **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids
Quercus macrocarpa	Bur Oak	*Prunus virginiana*	Choke-Cherry	*Anemone cylindrica*	Thimbleweed	*Bromus inermi:* Smooth Brome
Quercus ellipsoidalis	Northern Pin Oak	*Rubus strigosus*	Wild Raspberry	*Solidago nemoralis*	Gray Goldenrod	*Sorghastrum ni* Indian Grass
Betula papyrifera	Paper Bark Birch	*Rhamnus cathartica*	European Buckthorn	*Hypericum perforatum*	Common St. John's-wort	*Panicum virgat* Switchgrass
Prunus serotina	Black Cherry	*Rhus glabra*	Smooth Sumac	*Trifolium pratense*	Red Clover	*Poa pratensis* Kentucky bluegrass
Ulmus americana	American Elm			*Aster sp.*	A species of aster	*Carex pensylva* Pennsylvania Sedge
Acer negundo	Boxelder			*Solidago speciosa*	Showy Goldenrod	*Sporobolis hete* Prairie Dropseed
				Achillea millefolium	Yarrow	*Bouteloua hirst* Hairy Grama
				Thalictrum dioicum	Early Meadow Rue	*Schizachyrium* Little Bluestem
				Galium triflorum	Sweet Scented Bedstraw	*Andropogon ge* Big Bluestem
				Triosteum perfoliatum	Horse-gentian	*Phleum praten:* Timothy
				Solidago canadensis	Canada Goldenrod	

Area 15-28-20-15

Overgrown Oak Savanna/Oak Woodland **Rank:** D **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids
Quercus macrocarpa	Bur Oak	*Rhamnus cathartica*	European Buckthorn	*Geum aleppicum*	Yellow Avens	*Carex pensylva* Pennsylvania Sedge
Juniperus virginiana	Red Cedar	*Rubus strigosus*	Wild Raspberry	*Viola sp.*	Violet species	*Bouteloua hirst* Hairy Grama
Juglans cinerea	Butternut	*Ribes cynosbati*	Prickly Gooseberry			*Schizachyrium* Little Bluestem
		Zanthoxylum americanum	Prickly Ash			*Sporobolis hete* Prairie Dropseed
						Muhlenbergia : Muhly Grass
						Poa pratensis Kentucky bluegrass

Climbers

Parthenocissus inserta	Virginia Creeper

Area 15-28-20-16

Lowland Hardwood Forest — **Rank:** CD — **MCBS site:** NA — **MCBS credit:** NA — **DNR Rare Features:** NA

Canopy		Shrub		Forbs		Graminoids
Juglans nigra	Black Walnut	*Rhamnus cathartica*	European Buckthorn	*Geum aleppicum*	Yellow Avens	
Acer negundo	Boxelder	*Rubus strigosus*	Wild Raspberry	*Osmunda claytoniana*	Interrupted Fern	
Celtis occidentalis	Hackberry	*Prunus virginiana*	Choke-Cherry	*Galium triflorum*	Sweet Scented Bedstraw	
Fraxinus nigra	Black Ash	*Sambucus canadensis*	Common Elder	*Osmorhiza claytonii*	Sweet Cicely	
Betula papyrifera	Paper Bark Birch					
Ulmus americana	American Elm					
Populus deltoides	Cottonwood					
Acer rubrum	Red Maple					

Area 15-28-20-17

Mixed Pine-Hardwood Forest — **Rank:** D — **MCBS site:** NA — **MCBS credit:** NA — **DNR Rare Features:** NA

Canopy		Shrub		Forbs		Graminoids
Pinus strobus	White Pine	*Rhamnus cathartica*	European Buckthorn	*Geum aleppicum*	Yellow Avens	*Carex pensylva* Pennsylvania Sedge
Pinus resinosa	Red pine	*Prunus virginiana*	Choke-Cherry	*Athyrium angustum*	Lady Fern	
Acer rubrum	Red Maple	*Betula papyrifera*	Paper Bark Birch	*Fragaria sp.*	Strawberry	
Juniperus virginiana	Red Cedar			*Viola sp.*	Violet species	
Betula papyrifera	Paper Bark Birch	**Climbers**				
Quercus rubra	Red Oak	*Vitis riparia*	Wild Grape			
Populus deltoides	Cottonwood					
Malus sp.	Crab-apple					
Ulmus americana	American Elm					
Prunus serotina	Black Cherry					

Area 15-28-20-18

Aspen Forest/Conifer Plantation — **Rank:** NR — **MCBS site:** NA — **MCBS credit:** NA — **DNR Rare Features:** NA

Canopy		Shrub		Forbs	Graminoids
Pinus resinosa	Red pine	*Rhamnus cathartica*	European Buckthorn		
Pinus strobus	White Pine	*Rubus strigosus*	Wild Raspberry		
Pinus sylvestris	Scotch Pine	*Prunus serotina*	Black Cherry		
Picea pungens	Blue Spruce				

Juniperus virginiana	Red Cedar
Prunus serotina	Black Cherry
Quercus macrocarpa	Bur Oak
Populus tremuloides	Quaking Aspen
Picea glauca	White Spruce

Area 15-28-20-19

Mesic Oak Forest **Rank:** C **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids
Quercus rubra	Red Oak	*Rhamnus cathartica*	European Buckthorn	*Geum aleppicum*	Yellow Avens	*Carex pensylva* Pennsylvania Sedge
Quercus macrocarpa	Bur Oak	*Rubus strigosus*	Wild Raspberry	*Athyrium angustum*	Lady Fern	
Quercus alba	White Oak	*Prunus pensylvanica*	Pin Cherry			
Acer saccharum	Sugar Maple					
Tilia americana	Basswood					
Populus grandidentata	Big-Toothed Aspen					
Populus tremuloides	Quaking Aspen					
Betula papyrifera	Paper Bark Birch					
Quercus ellipsoidalis	Northern Pin Oak					

Area 15-28-20-20

Oak Woodland **Rank:** CD **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids
Quercus rubra	Red Oak	*Rhamnus cathartica*	European Buckthorn	*Geum aleppicum*	Yellow Avens	
Quercus ellipsoidalis	Northern Pin Oak	*Prunus virginiana*	Choke-Cherry	*Athyrium angustum*	Lady Fern	
Ulmus americana	American Elm	*Prunus serotina*	Black Cherry	*Adiantum pedatum*	Maidenhair Fern	
Betula papyrifera	Paper Bark Birch			*Osmunda claytoniana*	Interrupted Fern	
Tilia americana	Basswood	**Climbers**		*Galium triflorum*	Sweet Scented Bedstraw	
Fraxinus pennsylvanica	Green Ash	*Vitis riparia*	Wild Grape	*Aster sp.*	A species of aster	
Acer negundo	Boxelder			*Botrychium sp.*	Rattlesnake Fern	
				Menispermum canadense	Moonseed	
				Onoclea sensibilis	Sensitive Fern	
				Matteuccia struthiopteris	Ostrich Fern	

Area 16-28-20-01

Disturbed Deciduous **Acres:** ? **Rank:** D **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Quercus rubr Red Oak	*Rhamnus cath* European Buckthorn	*Glechoma hed* Creeping Charlie	
Acer negundo Boxelder	*Ribes cynosba* Prickly Gooseberry	*Laportea can* Wood Nettle	
Populus tremu Quaking Aspen	*Rubus strigosu* Wild Raspberry	*Osmorhiza cla* Sweet Cicely	
Prunus serotin Black Cherry		*Geum aleppic* Yellow Avens	
Populus delto Cottonwood	**Climbers**	*Eupatorium rug* White Snake root	
Salix nigra Black Willow	*Vitis riparia* Wild Grape	*Galium triflor* Sweet Scented Bedstraw	
Carya cordifo Bitternut Hickory		*Verbascum tha* Common Mullein	
Acer saccharu Silver Maple			
Pinus banksia Jack pine			
Pinus resinosa Red pine			

Area 16-28-20-02

Mesic Oak Forest **Acres:** ? **Rank:** CD **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Populus tremu Quaking Aspen	*Rhamnus cath* European Buckthorn	*Pyrola elliptic* Common Pyrola	*Carex pensylv* Pennsylvania Sedge
Quercus rubr Red Oak	*Ribes cynosba* Prickly Gooseberry	*Geum aleppic* Yellow Avens	
Tilia americau Basswood	*Prunus serotin* Black Cherry	*Galium triflor* Sweet Scented Bedstraw	
Betula papyrif Paper Bark Birch	*Rubus strigosu* Wild Raspberry	*Laportea can* Wood Nettle	
Populus delto Cottonwood	*Lonicera tatar* Tartarian Honeysuckle	*Fragaria virg* Common Strawberry	
Prunus serotin Black Cherry			

Area 16-28-20-03

Conifer Plantation **Acres:** ? **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Pinus resinosa Red pine	*Rhamnus cath* European Buckthorn	*Athyrium angu* Lady Fern	
Pinus banksia Jack pine	*Prunus serotin* Black Cherry		
Quercus macr Bur Oak	*Ribes cynosba* Prickly Gooseberry		
Populus tremu Quaking Aspen	*Prunus virgin* Choke-Cherry		
Picea glauca White Spruce			

Area 16-28-20-04

Mesic Oak Forest **Acres:** ? **Rank:** C **MCBS site:** 65 (low priorit **MCBS credit:** J. C. Almer and C. K. C NA **DNR Rare Features**

Canopy	Shrub	Forbs	Graminoids
Quercus alba White Oak	*Zanthoxylum a* Prickly Ash	*Athyrium angi* Lady Fern	*Carex pensyl* Pennsylvania Sedge
Quercus rubra Red Oak	*Rhamnus cath* European Buckthorn	*Geum aleppic* Yellow Avens	
Quercus ellip Northern Pin Oak	*Prunus virgin* Choke-Cherry	*Fragaria sp.* Strawberry	
Populus delto Cottonwood	*Cornus racem* Northern swamp-dogwood	*Menispermum* Moonseed	
Populus tremu Quaking Aspen	*Ribes cynosba* Prickly Gooseberry	*Anemone can* Canada Anemone	
Betula papyrif Paper Bark Birch	*Rubus strigos* Wild Raspberry	*Smilacina rac* False Solomon's Seal	
Pinus strobus White Pine	*Corylus amer* American Hazelnut		
Juniperus virg Red Cedar	*Pinus resinos* Red pine		
Ulmus americ American Elm			
Populus gran Big-Toothed Aspen			
Fraxinus nigr Black Ash			

Area 16-28-20-05

? **Acres:** ? **Rank:** ? **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
? #N/A	? #N/A	? #N/A	? #N/A

Area 16-28-20-06

Old Field **Acres:** ? **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
	Rhamnus cath European Buckthorn	*Monarda fistu* Bee Balm	*Poa sp.* grass
	Prunus virgin Choke-Cherry	*Triadenum fra* Marsh St. John's-Wort	*Bromus inerm* Smooth Brome
	Acer ginnala Amur Maple	*Solidago can* Canada Goldenrod	
	Rhus glabra Smooth Sumac		
	Acer negundo Boxelder		

Area 16-28-20-07

Old Field **Acres:** ? **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Juniperus virg Red Cedar	*Cornus racem* Northern swamp-dogwood	*Solidago nem* Gray Goldenrod	*Bromus inerm* Smooth Brome

Pinus resinos Red pine
Pinus sylvestr Scotch Pine
Acer negundo Boxelder

Juniperus virg Red Cedar
Pinus resinos Red pine

Solidago can Canada Goldenrod
Melilotus alb White Sweet Clover
Monarda fistu Bee Balm

Poa pratensis Kentucky bluegrass

Area 16-28-20-08

Mesic Oak Forest **Acres:** ? **Rank:** C **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Betula papyrif Paper Bark Birch	*Rubus strigosu* Wild Raspberry	*Geum aleppic* Yellow Avens	*Carex pensylv* Pennsylvania Sedge
Populus tremu Quaking Aspen	*Rhamnus cath* European Buckthorn	*Athyrium angu* Lady Fern	*Carex rosea* Rosy Sedge
Quercus rubra Red Oak	*Cornus altern* Pagoda Dogwood	*Fragaria vesc* Wood Strawberry	
Quercus macr Bur Oak	*Ulmus americ* American Elm	*Osmorhiza cla* Sweet Cicely	
Quercus ellips Northern Pin Oak	*Ribes cynosba* Prickly Gooseberry	*Adiantum ped* Maidenhair Fern	
Ostrya virgini Ironwood	*Acer ginnala* Amur Maple	*Eupatorium ru* White Snake root	
Ulmus americ American Elm	*Lonicera tatar* Tartarian Honeysuckle		
Fraxinus nigra Black Ash	*Menispermum* Moonseed		
	Quercus rubra Red Oak		
	Betula papyrif Paper Bark Birch		

Area 16-28-20-09

Mesic Oak Forest **Acres:** ? **Rank:** BC **MCBS site:** 65 (low priorit **MCBS credit:** J. C. Almei and C. K. (**DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Quercus rubra Red Oak	*Rhamnus cath* European Buckthorn	*Pyrola elliptic* Common Pyrola	*Carex pensylv* Pennsylvania Sedge
Quercus alba White Oak	*Zanthoxylum a* Prickly Ash	*Osmunda cla* Interrupted Fern	
Betula papyrif Paper Bark Birch	*Prunus serotii* Black Cherry	*Athyrium angu* Lady Fern	
Acer rubrum Red Maple	*Lonicera tatar* Tartarian Honeysuckle	*Adiantum ped* Maidenhair Fern	
	Rubus strigosu Wild Raspberry	*Lycopodium la* Shining Clubmoss	
	Acer rubrum Red Maple	*Fragaria virg.* Common Strawberry	
	Ribes cynosba Prickly Gooseberry	*Desmodium g.* Pointed-leaved tick-trefoil	
	Ulmus americ American Elm	*Eupatorium ru* White Snake root	
		Geum aleppic Yellow Avens	
		Equisetum arv Field Horsetail	

Area 16-28-20-10

Aspen Woodland **Acres:** ? **Rank:** C **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Betula papyrif Paper Bark Birch	*Rhamnus cath* European Buckthorn	*Equisetum arv* Field Horsetail	*Carex pensylv* Pennsylvania Sedge

Populus tremu Quaking Aspen	*Rubus strigosu* Wild Raspberry	*Campanula sp.* Harebell
Quercus rubra Red Oak	*Lonicera tatar* Tartarian Honeysuckle	*Eupatorium ru* White Snake root
Populus grand Big-Toothed Aspen	*Quercus rubra* Red Oak	*Agrimonia gry* Agrimony
Ostrya virgini Ironwood	*Juniperus virg* Red Cedar	*Osmorhiza cla* Sweet Cicely
	Prunus virgin. Choke-Cherry	*Equisetum hye* Common Scouring Rush
	Ribes cynosba Prickly Gooseberry	*Geum aleppic* Yellow Avens
	Prunus serotii Black Cherry	*Aster sp.* A species of aster
	Corylus cornu Beaked Hazelnut	*Pyrola elliptic* Common Pyrola

Area 16-28-20-11

Sand Gravel Prairie **Acres:** ? **Rank:** ? **MCBS site:** 65 (low priorit **MCBS credit:** J. C. Almer and C. K. (**DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
		Lespedeza cap Bush-headed Prairie Clover	*Schizachyriun* Little Bluestem
		Artemisia lud White Sage	*Sporobolis he.* Prairie Dropseed
		Hypericum pe Common St. John's-wort	*Bouteloua hir.* Hairy Grama
			Poa sp. grass
			Bouteloua cur Side Oats Grama
			Panicum virg Switchgrass

Area 16-28-20-12

Lowland Hardwood] Acres: ? **Rank:** D **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Acer sacchari Silver Maple	*Rhamnus cath* European Buckthorn	*Geum aleppic* Yellow Avens	
Acer negundo Boxelder	*Rubus strigosu* Wild Raspberry	*Glechoma hed* Creeping Charlie	
Betula papyrif Paper Bark Birch	*Ribes cynosba* Prickly Gooseberry	*Oxalis stricta* Common Yellow Wood-Sorrel	
Celtis occiden Hackberry	*Sambucus can* Common Elder	*Urtica dioica* Stinging Nettle	
Ulmus americ American Elm		*Arctium minus* Common Burdock	
Fraxinus nigr Black Ash	**Climbers**	*Athyrium angi* Lady Fern	
Populus delto. Cottonwood	*Vitis riparia* Wild Grape	*Galium aspre* Rough Bedstraw	
Populus tremu Quaking Aspen		*Eupatorium ru* White Snake root	
Quercus macr Bur Oak		*Arisaema trip.* Jack in the Pulpit	
Tilia american Basswood			
Quercus rubra Red Oak			

Area 16-28-20-13

Oak Woodland **Acres:** ? **Rank:** D **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Quercus alba White Oak	*Rhamnus cath* European Buckthorn	*Athyrium angi* Lady Fern	*Carex pensyl* Pennsylvania Sedge
Quercus rubr Red Oak	*Ribes cynosba* Prickly Gooseberry	*Geum aleppic* Yellow Avens	
Prunus serotii Black Cherry	*Sambucus can* Common Elder	*Urtica dioica* Stinging Nettle	
Ulmus americ American Elm	*Rubus strigosi* Wild Raspberry	*Eupatorium r* White Snake root	
Fraxinus nigr Black Ash			
Betula papyrif Paper Bark Birch	**Climbers**		
	Vitis riparia Wild Grape		

Area 16-28-20-14

Oak Woodland **Acres:** ? **Rank:** D **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Quercus alba White Oak	*Prunus serotii* Black Cherry	*Athyrium angi* Lady Fern	*Carex pensyl* Pennsylvania Sedge
Quercus macr Bur Oak	*Prunus virgin* Choke-Cherry	*Geum aleppic* Yellow Avens	
Populus tremu Quaking Aspen	*Rhamnus cath* European Buckthorn		
Acer sacchari Silver Maple	*Ribes cynosba* Prickly Gooseberry		
Pinus sylvestr Scotch Pine	*Rubus strigosi* Wild Raspberry		
Pinus strobus White Pine	*Fraxinus penn* Green Ash		
Acer negundo Boxelder			
Picea pungen Blue Spruce			
Robinia pseud Black Locust			
Populus grand Big-Toothed Aspen			

Area 16-28-20-15

Mixed Coniferous-De **Acres:** ? **Rank:** D/NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Pinus strobus White Pine	*Rhamnus cath* European Buckthorn	*Taraxacum of* Dandelion	*Poa sp.* grass
Populus tremu Quaking Aspen	*Rubus strigosi* Wild Raspberry	*Galium triflor* Sweet Scented Bedstraw	
Pinus resinos Red pine	*Zanthoxylum* Prickly Ash	*Hypericum pe* Common St. John's-wort	
Acer sacchari Silver Maple	*Rhus glabra* Smooth Sumac	*Geum aleppic* Yellow Avens	
Picea glauca White Spruce		*Dryopteris sp.* Wood Fern	
Prunus serotii Black Cherry	**Climbers**	*Solidago cana* Canada Goldenrod	
Acer negundo Boxelder	*Vitis riparia* Wild Grape	*Trifolium repe* White Clover	
Juniperus virg Red Cedar		*Asclepias syri* Common Milkweed	
Quercus rubr Red Oak		*Monarda fistu* Bee Balm	
Betula papyrif Paper Bark Birch		*Achillea mille* Yarrow	

Area 16-28-20-16

White Spruce Plantat **Acres:** ? **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Picea glauca White Spruce	*Rhamnus cath* European Buckthorn		
Pinus resinos Red pine	*Betula papyrij* Paper Bark Birch		

Area 16-28-20-17

Oak Woodland **Acres:** ? **Rank:** C **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Quercus rubr Red Oak	*Rhamnus cath* European Buckthorn	*Amphicarpaea* Hog Peanut	*Carex pensyl* Pennsylvania Sedge
Betula papyrij Paper Bark Birch	*Zanthoxylum* Prickly Ash	*Anemone can* Canada Anemone	
Quercus macr Bur Oak	*Quercus rubr* Red Oak		
Juglans cinera Butternut	*Prunus serotii* Black Cherry		
Prunus serotii Black Cherry	*Fraxinus nigr* Black Ash		
Tilia americai Basswood			
Ulmus americ American Elm	**Climbers**		
	Vitis riparia Wild Grape		

Area 16-28-20-18

Conifer Plantation **Acres:** ? **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Picea glauca White Spruce	*Prunus serotii* Black Cherry	*Pyrola elliptic* Common Pyrola	
Pinus resinos Red pine	*Rhamnus cath* European Buckthorn	*Pyrola asarifc* Liverleaf Wintergreen	
Populus gran Big-Toothed Aspen	*Acer negundo* Boxelder	*Eupatorium r* White Snake root	
	Quercus macr Bur Oak	*Galium triflor* Sweet Scented Bedstraw	

Area 16-28-20-19

Mesic Oak Forest **Acres:** ? **Rank:** C **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Quercus alba White Oak	*Rhamnus cath* European Buckthorn	*Urtica dioica* Stinging Nettle	
Quercus macr Bur Oak	*Prunus virgin* Choke-Cherry	*Osmunda cla* Interrupted Fern	
Quercus rubr Red Oak	*Quercus rubr* Red Oak	*Athyrium ang* Lady Fern	
Acer negundo Boxelder	*Quercus macr* Bur Oak	*Eupatorium r* White Snake root	
Populus delto Cottonwood	*Ribes cynosba* Prickly Gooseberry	*Adiantum ped* Maidenhair Fern	
Populus trem Quaking Aspen	*Sambucus can* Common Elder	*Aster sp.* A species of aster	

Fraxinus penn Green Ash
Celtis occiden Hackberry
Ulmus americ American Elm
Prunus serotii Black Cherry
Betula papyrif Paper Bark Birch

Rubus strigosi Wild Raspberry
Rhus radicans Poison Ivy
Rubus alleghe Black Berry

Anemone can Canada Anemone
Menispermum Moonseed
Leonurus car Common Motherwort
Desmodium g. Pointed-leaved tick-trefoil
Agrimonia gry Agrimony

Area 16-28-20-20

Dry Oak Savanna (B **Acres:** ? **Rank:** ?NR? **MCBS site:** 64 **MCBS credit:** J. C. Almer **DNR Rare Features:** NA

Canopy	Shrub	Forbs	Graminoids
Quercus macr Bur Oak	*Rhamnus cath* European Buckthorn	*Triosteum per* Horse-gentian	*Elymus canad* Canada Wild Rye
Quercus ellip Northern Pin Oak	*Prunus serotii* Black Cherry	*Aster oblongif* Aromatic Aster	*Poa pratensis* Kentucky bluegrass
Populus tremu Quaking Aspen		*Solidago nem* Gray Goldenrod	*Bromus inerm* Smooth Brome
			Schizachyrium Little Bluestem
			Sorghastrum n Indian Grass

Area 16-28-20-21

Oak Woodland/Savai **Acres:** ? **Rank:** D **MCBS site:** 64 **MCBS credit:** J. C. Almer **DNR Rare Features:** NA

Canopy	Shrub	Forbs	Graminoids
Quercus macr Bur Oak	*Rhamnus cath* European Buckthorn	*Liatris puncta* Dotted Blazing Star	*Schizachyrium* Little Bluestem
Quercus ellip Northern Pin Oak	*Juniperus virg* Red Cedar		*Bouteloua cur* Side Oats Grama
Juniperus virg Red Cedar			*Sorghastrum n* Indian Grass
Populus tremu Quaking Aspen			*Poa sp.* grass
Betula papyrif Paper Bark Birch			*Sporobolis he* Prairie Dropseed
Ulmus americ American Elm			*Muhlenbergia* Muhly Grass
Prunus serotii Black Cherry			*Carex pensyl* Pennsylvania Sedge
Acer rubrum Red Maple			*Carex sp.* A species of sedge
Pinus strobus White Pine			

Area 16-28-20-22

Oak Woodland/Savai **Acres:** ? **Rank:** D **MCBS site:** 65 **MCBS credit:** J. C. Almer **DNR Rare Features:** NA

Canopy	Shrub	Forbs	Graminoids
Quercus macr Bur Oak	*Rhamnus cath* European Buckthorn	*Liatris puncta* Dotted Blazing Star	*Schizachyrium* Little Bluestem
Quercus ellip Northern Pin Oak	*Juniperus virg* Red Cedar		*Bouteloua cur* Side Oats Grama
Juniperus virg Red Cedar			*Sorghastrum n* Indian Grass
Populus tremu Quaking Aspen			*Poa sp.* grass

Betula papyrij Paper Bark Birch
Ulmus americ American Elm
Prunus serotii Black Cherry
Acer rubrum Red Maple
Pinus strobus White Pine

Sporobolis he. Prairie Dropseed
Muhlenbergia Muhly Grass
Carex pensylv Pennsylvania Sedge
Carex sp. A species of sedge

Area 16-28-20-24

Dry Oak Forest **Acres:** ? **Rank:** C **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Populus gran Big-Toothed Aspen	*Rhamnus cath* European Buckthorn	*Pyrola elliptic* Common Pyrola	*Carex pensylv* Pennsylvania Sedge
Quercus rubr Red Oak	*Ribes cynosba* Prickly Gooseberry	*Eupatorium r* White Snake root	
Betula papyrij Paper Bark Birch	*Acer rubrum* Red Maple	*Galium triflor* Sweet Scented Bedstraw	
Populus tremu Quaking Aspen	*Zanthoxylum* Prickly Ash	*Desmodium g.* Pointed-leaved tick-trefoil	
Robinia pseud Black Locust	*Prunus serotii* Black Cherry		
Juglans cinere Butternut	*Fraxinus penn* Green Ash		
	Lonicera tatar Tartarian Honeysuckle		

Area 16-28-20-25

Deciduous Woodland **Acres:** ? **Rank:** NA **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Quercus rubr Red Oak	*Rhamnus cath* European Buckthorn	*Eupatorium r* White Snake root	*Carex pensylv* Pennsylvania Sedge
Betula papyrij Paper Bark Birch	*Ribes cynosba* Prickly Gooseberry	*Galium triflor* Sweet Scented Bedstraw	
Populus tremu Quaking Aspen	*Zanthoxylum* Prickly Ash	*Desmodium g.* Pointed-leaved tick-trefoil	
Robinia pseud Black Locust	*Fraxinus penn* Green Ash		
	Lonicera tatar Tartarian Honeysuckle		

Area 16-28-20-26

Mesic Oak Forest **Acres:** ? **Rank:** CD **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Prunus serotii Black Cherry	*Rhamnus cath* European Buckthorn	*Geum aleppic* Yellow Avens	*Muhlenbergia* Muhly Grass
Quercus ellips Northern Pin Oak	*Prunus serotii* Black Cherry	*Sicyos angula* Bur-Cucumber	*Carex pensylv* Pennsylvania Sedge
Ulmus americ American Elm	*Acer ginnala* Amur Maple		*Eupatorium r* White Snake root
Tilia americai Basswood	*Cornus rugosa* Round Leaved Dogwood		*Leonurus carc* Common Motherwort

Betula papyrij Paper Bark Birch
Lonicera tatai Tartarian Honeysuckle
Zanthoxylum (Prickly Ash
Rhus radicans Poison Ivy
Viola sp. Violet species
Glechoma hec Creeping Charlie
Dryopteris sp. Wood Fern

Area 16-28-20-27

Floodplain Forest (or **Acres:** ? **Rank:** C **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy	Shrub	Forbs	Graminoids
Salix nigra Black Willow	*Rhamnus cath* European Buckthorn	*Hydrophyllum* Virginia Waterleaf	*Elymus virgin* Virginia Wild rye
Acer saccharu Silver Maple	*Lonicera tatai* Tartarian Honeysuckle	*Desmodium c* Tick-Trefoil	*Carex sp.* A species of sedge
Betula papyrij Paper Bark Birch	*Rubus strigosi* Wild Raspberry	*Geum aleppic* Yellow Avens	*Cinna arundii* Wood Reedgrass
Ulmus americ American Elm	*Sambucus can* Common Elder	*Hesperis matr* Dame's Rocket	
Populus delto. Cottonwood	*Juglans cinere* Butternut	*Phryma leptos* Lopseed	
Prunus serotii Black Cherry		*Eupatorium r* White Snake root	
Fraxinus nigr Black Ash		*Leonurus cart* Common Motherwort	
		Viola sp. Violet species	
		Glechoma hec Creeping Charlie	
		Dryopteris sp. Wood Fern	

Section 17

Area 17-28-20-01

Conifer Plantation | **Rank:** NR | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Pinus resinosa	Red pine	*Rhamnus cathartica*	European Buckthorn	*Galium triflorum*	Sweet Scented Bedstraw		
Prunus serotina	Black Cherry	*Lonicera tatarica*	Tartarian Honeysuckle	*Taraxacum officinale*	Dandelion		
Ulmus americana	American Elm	*Prunus serotina*	Black Cherry	*Solidago gigantea*	Giant Goldenrod		
Pinus strobus	White Pine	*Quercus rubra*	Red Oak	*Potentilla sp.*	Cinquefoil species		
		Populus tremuloides	Quaking Aspen	*Trifolium repens*	White Clover		
		Rubus strigosus	Wild Raspberry	*Osmorhiza claytonii*	Sweet Cicely		
		Picea glauca	White Spruce	*Geum aleppicum*	Yellow Avens		
		Zanthoxylum americanum	Prickly Ash				
		Ulmus americana	American Elm				

Area 17-28-20-02

Mixed Deciduous/Coniferous Woodland | **Rank:** CD | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Quercus rubra	Red Oak	*Rubus strigosus*	Wild Raspberry	*Verbascum thapsus*	Common Mullein	*Poa pratensis*	Kentucky bluegrass
Betula papyrifera	Paper Bark Birch	*Populus grandidentata*	Big-Toothed Aspen	*Oenothera biennis*	Evening Primrose		
Pinus resinosa	Red pine	*Quercus rubra*	Red Oak	*Anaphalis margaritacea*	Pearly Everlasting		
Prunus serotina	Black Cherry	*Populus tremuloides*	Quaking Aspen	*Anemone canadensis*	Canada Anemone		
Populus grandidentata	Big-Toothed Aspen	*Rhamnus cathartica*	European Buckthorn	*Solidago gigantea*	Giant Goldenrod		
Quercus macrocarpa	Bur Oak	*Acer rubrum*	Red Maple	*Achillea millefolium*	Yarrow		
Juniperus virginiana	Red Cedar	*Corylus americana*	American Hazelnut	*Galium triflorum*	Sweet Scented Bedstraw		
		Rubus allegheniensis	Black Berry	*Artemisia ludoviciana*	White Sage		
		Lonicera tatarica	Tartarian Honeysuckle	*Fragaria virginiana*	Common Strawberry		
		Ribes sp.	Gooseberry	*Geum aleppicum*	Yellow Avens		
		Climbers		*Aster sp.*	A species of aster		
		Vitis riparia	Wild Grape	*Pyrola elliptica*	Common Pyrola		
				Athyrium angustum	Lady Fern		
				Agrimonia gryposepala	Agrimony		
				Osmorhiza claytonii	Sweet Cicely		
				Laportea canadensis	Wood Nettle		
				Equisetum sp.	Horsetail		
				Botrychium sp.	Rattlesnake Fern		

Area 17-28-20-03

Lowland Hardwood Forest | **Rank:** C-D | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features**

credit: NA

Canopy		Shrub		Forbs		Graminoids	
Populus deltoides	Cottonwood	*Rhamnus cathartica*	European Buckthorn	*Osmorhiza claytonii*	Sweet Cicely	*Poa sp.*	grass
Ulmus americana	American Elm	*Acer ginnala*	Amur Maple	*Geum aleppicum*	Yellow Avens		
Salix nigra	Black Willow	*Rubus strigosus*	Wild Raspberry	*Myosotis scorpioides*	Water Scorpion-Grass		
Populus tremuloides	Quaking Aspen	*Lonicera tatarica*	Tartarian Honeysuckle	*Aster sp.*	A species of aster		
Prunus serotina	Black Cherry	*Zanthoxylum americanum*	Prickly Ash	*Athyrium angustum*	Lady Fern		
Celtis occidentalis	Hackberry	*Ribes cynosbati*	Prickly Gooseberry	*Eupatorium rugosum*	White Snake root		
				Lemna minor	Duckweed		
		Climbers		*Laportea canadensis*	Wood Nettle		
		Vitis riparia	Wild Grape	*Glechoma hederacea*	Creeping Charlie		

Area 17-28-20-04

Oak Woodland **Rank:** CD **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Quercus rubra	Red Oak	*Rhamnus cathartica*	European Buckthorn	*Pyrola elliptica*	Common Pyrola	*Carex pensylvanica*	Pennsylvania Sedge
Betula papyrifera	Paper Bark Birch	*Rubus strigosus*	Wild Raspberry	*Galium triflorum*	Sweet Scented Bedstraw		
Populus tremuloides	Quaking Aspen	*Zanthoxylum americanum*	Prickly Ash	*Aster sp.*	A species of aster		
Ulmus americana	American Elm	*Prunus serotina*	Black Cherry	*Fragaria virginiana*	Common Strawberry		
Juniperus virginiana	Red Cedar			*Agrimonia gryposepala*	Agrimony		

Area 17-28-20-05

Old Field/Conifer Plantation **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids
		Populus tremuloides	Quaking Aspen	*Solidago gigantea*	Giant Goldenrod	
		Prunus serotina	Black Cherry	*Aster sp.*	A species of aster	
		Pinus resinosa	Red pine	*Artemisia ludoviciana*	White Sage	
				Achillea millefolium	Yarrow	
				Cirsium sp.	Thistle	
				Asclepias syriaca	Common Milkweed	
				Taraxacum officinale	Dandelion	
				Anaphalis margaritacea	Pearly Everlasting	

Area 17-28-20-06

Pine Plantation **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Pinus resinosa	Red pine	*Rubus allegheniensis*	Black Berry	*Cirsium sp.*	Thistle	*Bromus inermis*	Smooth Brome
Populus tremuloides	Quaking Aspen	*Rhamnus cathartica*	European Buckthorn	*Galium triflorum*	Sweet Scented Bedstraw		
Pinus strobus	White Pine	*Prunus serotina*	Black Cherry	*Osmorhiza claytonii*	Sweet Cicely		
				Viola sp.	Violet species		
				Artemisia ludoviciana	White Sage		
				Agrimonia gryposepala	Agrimony		

Area 17-28-20-07

Oak Woodland **Rank:** D **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Quercus rubra	Red Oak	*Rhamnus cathartica*	European Buckthorn	*Adiantum pedatum*	Maidenhair Fern	*Carex pensylvanica*	Pennsylvania Sedge
Quercus alba	White Oak	*Cornus alternifolia*	Pagoda Dogwood	*Athyrium angustum*	Lady Fern	*Carex sp.*	A species of sedge
Betula papyrifera	Paper Bark Birch	*Rubus strigosus*	Wild Raspberry	*Geum aleppicum*	Yellow Avens		
Populus tremuloides	Quaking Aspen	*Populus tremuloides*	Quaking Aspen	*Maianthemum canadense*	Canada Mayflower		
Celtis occidentalis	Hackberry	*Prunus serotina*	Black Cherry	*Dryopteris sp.*	Wood Fern		
Prunus serotina	Black Cherry	*Acer saccharum*	Sugar Maple	*Galium asprellum*	Rough Bedstraw		
Quercus macrocarpa	Bur Oak	*Ribes cynosbati*	Prickly Gooseberry	*Fragaria virginiana*	Common Strawberry		
		Zanthoxylum americanum	Prickly Ash	*Agrimonia gryposepala*	Agrimony		

Area 17-28-20-08

Dry Oak Forest **Rank:** C **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Quercus rubra	Red Oak	*Rhamnus cathartica*	European Buckthorn	*Athyrium angustum*	Lady Fern	*Carex pensylvanica*	Pennsylvania Sedge
Ostrya virginiana	Ironwood	*Prunus serotina*	Black Cherry	*Pyrola elliptica*	Common Pyrola		
Betula papyrifera	Paper Bark Birch			*Geum aleppicum*	Yellow Avens		
Quercus macrocarpa	Bur Oak			*Eupatorium rugosum*	White Snake root		
Tilia americana	Basswood						
Populus tremuloides	Quaking Aspen						

Area 17-28-20-09

Floodplain Forest **Rank:** CD **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids
Betula papyrifera	Paper Bark Birch	*Rhamnus cathartica*	European Buckthorn	*Geum aleppicum*	Yellow Avens	
Prunus serotina	Black Cherry	*Rubus strigosus*	Wild Raspberry	*Osmorhiza claytonii*	Sweet Cicely	
Tilia americana	Basswood	*Zanthoxylum americanum*	Prickly Ash	*Fragaria virginiana*	Common Strawberry	

Quercus rubra	Red Oak	*Ribes cynosbati*	Prickly Gooseberry	*Eupatorium rugosum*	White Snake root
Populus tremuloides	Quaking Aspen	*Acer ginnala*	Amur Maple	*Viola sp.*	Violet species
Picea glauca	White Spruce	*Sambucus canadensis*	Common Elder	*Galium triflorum*	Sweet Scented Bedstraw
Pinus banksiana	Jack pine			*Verbascum thapsus*	Common Mullein
Ulmus americana	American Elm			*Glechoma hederacea*	Creeping Charlie
Acer saccharinum	Silver Maple			*Arctium minus*	Common Burdock
Acer negundo	Boxelder			*Laportea canadensis*	Wood Nettle
Populus deltoides	Cottonwood				

Area 17-28-20-10

Bedrock Bluff Prairie **Rank: C** **MCBS site:** 66 **MCBS credit:** J. C. Almendinger **DNR Rare Features** NA

Canopy	Shrub		Forbs		Graminoids	
	Rhus glabra	Smooth Sumac	*Asclepias verticillata*	Whorled Milkweed	*Sporobolis heterolepis*	Prairie Dropseed
	Rhamnus cathartica	European Buckthorn	*Amorpha canescens*	Leadplant	*Bouteloua hirsuta*	Hairy Grama
	Juniperus virginiana	Red Cedar	*Asclepias syriaca*	Common Milkweed	*Stipa spartea*	Porcupine Grass
			Lespedeza capitata	Bush-headed Prairie Clover	*Sorghastrum nutans*	Indian Grass
			Aster ericoides	Heath Aster	*Poa compressa*	Canada Bluegrass
			Hypericum boreale	St. John's-wort	*Bromus inermis*	Smooth Brome
			Solidago nemoralis	Gray Goldenrod		
			Aster oblongifolius	Aromatic Aster		

Section 20

Area 20-28-20-01

Mixed Deciduous Forest | **Rank:** CD | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy

Betula papyrifera	Paper Bark Birch
Ulmus americana	American Elm
Ostrya virginiana	Ironwood
Quercus alba	White Oak
Populus tremuloides	Quaking Aspen
Quercus macrocarpa	Bur Oak

Shrub

Ribes cynosbati	Prickly Gooseberry
Rhamnus cathartica	European Buckthorn
Prunus serotina	Black Cherry
Rubus strigosus	Wild Raspberry
Zanthoxylum americanum	Prickly Ash
Sambucus canadensis	Common Elder
Lonicera tatarica	Tartarian Honeysuckle

Forbs

Anemone quinquefolia	Wood Anemone
Geum aleppicum	Yellow Avens
Athyrium angustum	Lady Fern
Glechoma hederacea	Creeping Charlie
Mentha sp.	species of mint
Adiantum pedatum	Maidenhair Fern
Viola sp.	Violet species

Graminoids

Carex pensylvanica	Pennsylvania Sedge

Area 20-28-20-02

Mesic Oak Forest | **Rank:** C | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy

Quercus macrocarpa	Bur Oak
Celtis occidentalis	Hackberry
Ulmus americana	American Elm
Prunus serotina	Black Cherry
Quercus ellipsoidalis	Northern Pin Oak
Acer negundo	Boxelder
Populus grandidentata	Big-Toothed Aspen

Shrub

Rhamnus cathartica	European Buckthorn
Ribes cynosbati	Prickly Gooseberry
Rubus strigosus	Wild Raspberry
Sambucus canadensis	Common Elder

Climbers

Vitis riparia	Wild Grape

Forbs

Osmorhiza claytonii	Sweet Cicely
Smilax herbacea	Carrion Flower
Uvularia grandiflora	Largeflower Bellwort
Pyrola elliptica	Common Pyrola
Athyrium angustum	Lady Fern

Graminoids

Section 21

Area 21-28-20-01

Conifer Plantation | **Rank:** NA | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Pinus resinosa	Red pine	*Rhamnus cathartica*	European Buckthorn	*Eupatorium rugosum*	White Snake root		
Picea pungens	Blue Spruce	*Fraxinus pennsylvanica*	Green Ash				
Acer ginnala	Amur Maple						

Area 21-28-20-02

Mesic Oak Forest | **Rank:** CD | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Quercus rubra	Red Oak	*Rhamnus cathartica*	European Buckthorn	*Pyrola elliptica*	Common Pyrola	*Carex pensylvanica*	Pennsylvania Sedge
Acer saccharum	Sugar Maple	*Fraxinus nigra*	Black Ash				
Prunus serotina	Black Cherry	*Celtis occidentalis*	Hackberry				
		Acer saccharum	Sugar Maple				

Area 21-28-20-03

Mesic Oak Forest | **Rank:** CD | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids
Quercus rubra	Red Oak	*Rhamnus cathartica*	European Buckthorn	*Athyrium angustum*	Lady Fern	
Quercus macrocarpa	Bur Oak	*Celtis occidentalis*	Hackberry	*Osmorhiza claytonii*	Sweet Cicely	
Acer saccharum	Sugar Maple	*Ribes cynosbati*	Prickly Gooseberry	*Eupatorium rugosum*	White Snake root	
Prunus serotina	Black Cherry	*Prunus virginiana*	Choke-Cherry	*Geum aleppicum*	Yellow Avens	
Acer rubrum	Red Maple	*Prunus serotina*	Black Cherry			
Ostrya virginiana	Ironwood					
Fraxinus pennsylvanica	Green Ash					
Ulmus americana	American Elm					
Betula papyrifera	Paper Bark Birch					
Gleditsia triacanthos	Honey-locust					
Ulmus rubra	Slippery Elm					
Populus deltoides	Cottonwood					

Area 21-28-20-04

Oak Woodland | **Rank:** CD | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Quercus macrocarpa	Bur Oak	*Rhamnus cathartica*	European Buckthorn			*Carex pedunculata*	A species of sedge
Populus tremuloides	Quaking Aspen	*Ribes cynosbati*	Prickly Gooseberry				
Prunus serotina	Black Cherry	*Zanthoxylum americanum*	Prickly Ash				
Ulmus americana	American Elm	*Juniperus virginiana*	Red Cedar				

Area 21-28-20-05

Mesic Oak Forest | **Rank:** C | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Quercus macrocarpa	Bur Oak	*Rhamnus cathartica*	European Buckthorn	*Adiantum pedatum*	Maidenhair Fern	*Carex pensylvanica*	Pennsylvania Sedge
Celtis occidentalis	Hackberry	*Prunus serotina*	Black Cherry	*Athyrium angustum*	Lady Fern		
Populus deltoides	Cottonwood	*Celtis occidentalis*	Hackberry	*Uvularia grandiflora*	Largeflower Bellwort		
Ulmus americana	American Elm	*Sambucus canadensis*	Common Elder	*Smilacina racemosa*	False Solomon's Seal		
Prunus serotina	Black Cherry						

Area 21-28-20-06

Lowland Hardwood Forest | **Rank:** D | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Ulmus americana	American Elm	*Rhamnus cathartica*	European Buckthorn	*Geum aleppicum*	Yellow Avens	*Carex pensylvanica*	Pennsylvania Sedge
Populus deltoides	Cottonwood	*Rubus strigosus*	Wild Raspberry				
Celtis occidentalis	Hackberry	*Ribes cynosbati*	Prickly Gooseberry				
Acer negundo	Boxelder	*Celtis occidentalis*	Hackberry				
		Smilax hispida	Greenbrier				
		Sambucus canadensis	Common Elder				

Area 21-28-20-07

Mixed Deciduous Coniferous Plantation | **Rank:** NR | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Pinus resinosa	Red pine	*Rhus glabra*	Smooth Sumac			*Sorghastrum nutans*	Indian Grass
		Zanthoxylum americanum	Prickly Ash			*Poa spp.*	non-native grass species
		Rubus strigosus	Wild Raspberry				

Area 21-28-20-08

Mesic Oak Forest | **Rank:** CD | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Quercus alba	White Oak	*Rhamnus cathartica*	European Buckthorn	*Geum aleppicum*	Yellow Avens		
Quercus macrocarpa	Bur Oak	*Celtis occidentalis*	Hackberry	*Galium triflorum*	Sweet Scented Bedstraw		
Ulmus americana	American Elm	*Prunus serotina*	Black Cherry	*Eupatorium rugosum*	White Snake root		
Celtis occidentalis	Hackberry	*Ribes cynosbati*	Prickly Gooseberry				
Populus tremuloides	Quaking Aspen	*Juniperus virginiana*	Red Cedar				
Tilia americana	Basswood	*Sambucus canadensis*	Common Elder				
Prunus serotina	Black Cherry						
Quercus rubra	Red Oak						
Acer saccharum	Sugar Maple						

Area 21-28-20-09

Old Dry Bluff Prairie | **Rank:** CD | **MCBS site:** 60 (Hendrickson Pr | **MCBS credit:** M. Scanlan | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Juniperus virginiana	Red Cedar	*Rhamnus cathartica*	European Buckthorn	*Triosteum perfoliatum*	Horse-gentian	*Bouteloua curtipendula*	Side Oats Grama
		Zanthoxylum americanum	Prickly Ash	*Monarda fistulosa*	Bee Balm	*Bouteloua hirsuta*	Hairy Grama
		Lonicera tatarica	Tartarian Honeysuckle	*Anaphalis margaritacea*	Pearly Everlasting	*Schizachyrium scoparium*	Little Bluestem
		Rubus strigosus	Wild Raspberry	*Galium triflorum*	Sweet Scented Bedstraw	*Andropogon gerardii*	Big Bluestem
				Achillea millefolium	Yarrow	*Carex sp.*	A species of sedge
				Asparagus officinalis	Asparagus	*Muhlenbergia sp.*	Muhly Grass
				Plantago sp.	Plantain		
				Eupatorium rugosum	White Snake root		
				Verbascum thapsus	Common Mullein		
				Hypericum perforatum	Common St. John's-wort		
				Potentilla sp.	Cinquefoil species		
				Anemone sp.	Anemone		

Area 21-28-20-10

Juniper Woodland | **Rank:** CD | **MCBS site:** 60 (Hendrickson Pr | **MCBS credit:** M. Scanlan | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Juniperus virginiana	Red Cedar	*Rhamnus cathartica*	European Buckthorn	*Hypericum perforatum*	Common St. John's-wort	*Carex pensylvanica*	Pennsylvania Sedge
		Zanthoxylum americanum	Prickly Ash	*Circaea lutetiana*	Enchanter's Nightshade		
		Rubus strigosus	Wild Raspberry	*Anaphalis margaritacea*	Pearly Everlasting		

Area 21-28-20-11

Mesic Oak Forest | **Rank:** C-CD | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy

Quercus rubra	Red Oak
Celtis occidentalis	Hackberry
Acer negundo	Boxelder
Populus tremuloides	Quaking Aspen
Quercus macrocarpa	Bur Oak
Quercus alba	White Oak
Betula papyrifera	Paper Bark Birch
Prunus serotina	Black Cherry
Acer saccharinum	Silver Maple

Shrub

Lonicera tatarica	Tartarian Honeysuckle
Rhamnus cathartica	European Buckthorn
Prunus serotina	Black Cherry
Rubus strigosus	Wild Raspberry
Ulmus americana	American Elm
Celtis occidentalis	Hackberry
Ribes cynosbati	Prickly Gooseberry
Sambucus canadensis	Common Elder

Climbers

Vitis riparia	Wild Grape

Forbs

Osmunda claytoniana	Interrupted Fern
Glechoma hederacea	Creeping Charlie
Athyrium angustum	Lady Fern
Anemone quinquefolia	Wood Anemone
Laportea canadensis	Wood Nettle
Geum aleppicum	Yellow Avens
Galium triflorum	Sweet Scented Bedstraw
Dryopteris sp.	A species of wood fern
Adiantum pedatum	Maidenhair Fern
Asarum canadense	Wild Ginger

Graminoids

Carex pensylvanica	Pennsylvania Sedge
Carex sp.	A species of sedge

Section 22

Area 22-28-20-01

Oak Woodland | **Rank:** D | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids
Quercus macrocarpa	Bur Oak	*Juniperus virginiana*	Red Cedar	*Eupatorium rugosum*	White Snake root	
Ulmus americana	American Elm	*Rhamnus cathartica*	European Buckthorn	*Galium sp.*	Bedstraw	
Fraxinus pennsylvanica	Green Ash	*Acer saccharum*	Sugar Maple	*Circaea lutetiana*	Enchanter's Nightshade	
Fraxinus nigra	Black Ash	*Celtis occidentalis*	Hackberry			
Tilia americana	Basswood	*Ribes cynosbati*	Prickly Gooseberry			
Prunus serotina	Black Cherry					
Ulmus rubra	Slippery Elm	**Climbers**				
Acer saccharum	Sugar Maple	*Parthenocissus inserta*	Virginia Creeper			

Area 22-28-20-03

Maple Basswood Forest | **Rank:** C (to D?) | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids
Acer saccharum	Sugar Maple	*Rhamnus cathartica*	European Buckthorn	*Menispermum canadense*	Moonseed	
Quercus rubra	Red Oak	*Ulmus americana*	American Elm	*Eupatorium rugosum*	White Snake root	
Carya ovata	Shagbark Hickory					
Quercus macrocarpa	Bur Oak					
Fraxinus nigra	Black Ash					
Betula papyrifera	Paper Bark Birch					
Ostrya virginiana	Ironwood					
Quercus ellipsoidalis	Northern Pin Oak					
Juniperus virginiana	Red Cedar					

Area 22-28-20-04

Old Field | **Rank:** NR? | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs	Graminoids
Pinus strobus	White Pine	*Rhus glabra*	Smooth Sumac		*Bromus inerni.* Smooth Brome
Pinus resinosa	Red pine	*Acer negundo*	Boxelder		*Phleum praten:* Timothy
Populus tremuloides	Quaking Aspen	*Rhamnus cathartica*	European Buckthorn		
Populus deltoides	Cottonwood				
Fraxinus pennsylvanica	Green Ash				

Area 22-28-20-09

Old Pasture | **Rank:** NR | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
				Hypericum perforatum	Common St. John's-wort	*Bromus inermi.*	Smooth Brome
				Asclepias syriaca	Common Milkweed	*Poa sp.*	grass
				Mentha sp.	species of mint		

Area 22-28-20-10

Conifer Plantation — **Rank:** NR — **MCBS site:** NA — **MCBS credit:** NA — **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids
Pinus sylvestris	Scotch Pine	*Prunus serotina*	Black Cherry	*Galium sp.*	Bedstraw	
Pinus strobus	White Pine	*Quercus ellipsoidalis*	Northern Pin Oak	*Circaea lutetiana*	Enchanter's Nightshade	
Pinus resinosa	Red pine	*Fraxinus pennsylvanica*	Green Ash	*Osmorhiza claytonii*	Sweet Cicely	
Betula papyrifera	Paper Bark Birch	*Betula papyrifera*	Paper Bark Birch	*Erigeron annuus*	Daisy Fleabane	
Populus tremuloides	Quaking Aspen	*Rhamnus cathartica*	European Buckthorn	*Amphicarpaea bracteata*	Hog Peanut	
Juniperus virginiana	Red Cedar			*Eupatorium rugosum*	White Snake root	
		Climbers				
		Vitis riparia	Wild Grape			
		Parthenocissus inserta	Virginia Creeper			

Area 22-28-20-11

Mixed Emergent Marsh — **Rank:** C — **MCBS site:** NA — **MCBS credit:** NA — **DNR Rare Features** NA

Canopy		Shrub	Forbs		Graminoids	
Salix nigra	Black Willow		*Alisma triviale*	Water Plantain	*Phalaris arund*	Reed Canary Grass
			Pontederia cordata	Pickerel Weed	*Scirpus fluviati*	River Bulrush
			Sagittaria latifolia	Common/Broad-leaved Arrowhead	*Juncus sp.*	Rush
			Bidens cernua	Beggar-Ticks	*Scirpus validus*	Soft-stem Bulrush
					Typha sp.	Cattail

Area 22-28-20-12

Mixed Coniferous-Deciduous Forest — **Rank:** ?NR? — **MCBS site:** NA — **MCBS credit:** NA — **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Populus deltoides	Cottonwood	*Sambucus canadensis*	Common Elder	*Smilacina racemosa*	False Solomon's Seal	*Poa sp.*	grass
Populus tremuloides	Quaking Aspen	*Rhamnus cathartica*	European Buckthorn	*Menispermum canadense*	Moonseed	*Bromus inermi.*	Smooth Brome
Pinus sylvestris	Scotch Pine	*Ribes americanum*	American Gooseberry	*Eupatorium rugosum*	White Snake root	*Dactylis glome*	Orchard Grass
Quercus rubra	Red Oak	*Rhus radicans*	Poison Ivy	*Circaea lutetiana*	Enchanter's Nightshade	*Phleum praten:*	Timothy
Fraxinus pennsylvanica	Green Ash	*Lonicera tatarica*	Tartarian Honeysuckle	*Ratibida pinnata*	Gray-headed Coneflower		
Acer negundo	Boxelder			*Solidago nemoralis*	Gray Goldenrod		
Prunus serotina	Black Cherry	**Climbers**		*Lespedeza capitata*	Bush-headed Prairie Clover		
		Vitis riparia	Wild Grape	*Erigeron annuus*	Daisy Fleabane		

Parthenocissus inserta	Virginia Creeper	*Monarda fistulosa*	Bee Balm
		Anemone cylindrica	Thimbleweed

Area 22-28-20-14

Aspen Forest/ Conifer Plantation **Rank:** ?NR? **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy

Populus tremuloides	Quaking Aspen
Populus deltoides	Cottonwood
Abies balsamea	Balsam Fir
Pinus resinosa	Red pine
Quercus rubra	Red Oak
Picea glauca	White Spruce
Betula papyrifera	Paper Bark Birch
Juniperus virginiana	Red Cedar

Shrub

Prunus serotina	Black Cherry
Rosa sp.	Wild rose
Prunus virginiana	Choke-Cherry
Rubus strigosus	Wild Raspberry

Climbers

Parthenocissus inserta	Virginia Creeper

Forbs

Circaea lutetiana	Enchanter's Nightshade
Galium sp.	Bedstraw

Graminoids

Area 22-28-20-17

Bedrock Bluff Prairie **Rank:** BC to C **MCBS site:** 58 **MCBS credit:** J. C. Almen W. R. Smith **DNR Rare Features** NA

Canopy (east side)

Pinus resinosa	Red pine
Pinus strobus	White Pine
Juniperus virginiana	Red Cedar
Betula papyrifera	Paper Bark Birch
Quercus ellipsoidalis	Northern Pin Oak
Tilia americana	Basswood
Ulmus americana	American Elm

Shrub

Juniperus virginiana	Red Cedar
Quercus ellipsoidalis	Northern Pin Oak
Rhamnus cathartica	European Buckthorn
Ribes cynosbati	Prickly Gooseberry
Symphoricarpos albus	Snowberry
Cornus rugosa	Round Leaved Dogwood
Diervilla lonicera	Bush Honeysuckle

Forbs

Solidago nemoralis	Gray Goldenrod
Anemone cylindrica	Thimbleweed
Dalea purpurea	Purple Prairie Clover
Thalictrum dioicum	Early Meadow Rue
Campanula sp.	Harebell
indigo p.	#N/A
Aster sp.	A species of aster
Monarda fistulosa	Bee Balm
Aquilegia canadensis	Wild Columbine
Smilacina racemosa	False Solomon's Seal
Aster cordifolius	Heart Leaved Aster
Solidago hispida	Hairy Goldenrod
Asarum canadense	Wild Ginger
Viola pedatifida	Prairie Bird-foot Violet
Prenanthes alba	White Lettuce
Antennaria plantaginifolia	Plain Leave Pussytoes
Aster ciliolatus	Lindley's Aster
Aster laevis	Smooth Aster
Aster urophyllus	Arrow-leaved Aster
Coreopsis palmata	Prairie Coreopsis
Desmodium canadense	Tick-Trefoil
Digitalis lanata	Foxglove
Hedyotis longifolia	Bluets
Lithospermum canescens	Hoary Puccoon

Graminoids

Poa pratensis	Kentucky bluegrass
Muhlenbergia	Satin Grass
Bouteloua curt.	Side Oats Grama
Elymus canade	Canada Wild Rye
Carex eburnea	A species of sedge
Carex pensylva	Pennsylvania Sedge
Danthonia spic	Poverty Grass
Schizachyrium	Little Bluestem

Petalostemon purpureum	Purple Prairie-Clover		
Polypodium virginianum	Common Polypody		
Cystopteris bulbifera	Bulbet Fern		
Pellaea glabella	Smooth Cliff-brake		

Area 22-28-20-18

Mixed Pine-Hardwood Forest **Rank:** ? **MCBS site:** 58? **MCBS credit:** J. C. Almen, W. R. Smith **DNR Rare Features credit:** NA

Canopy		Shrub		Forbs		Graminoids	
Pinus resinosa	Red pine	*Cornus alternifolia*	Pagoda Dogwood	*Solidago flexicaulis*	Zig-zag Goldenrod	*Poa sp.*	grass
Pinus strobus	White Pine	*Zanthoxylum americanum*	Prickly Ash	*Arisaema triphyllum*	Jack in the Pulpit		
Juniperus virginiana	Red Cedar			*Sanguinaria canadensis*	Bloodroot		
Tilia americana	Basswood						
Ostrya virginiana	Ironwood						

Area 22-28-20-19

Maple Basswood Forest **Rank:** B **MCBS site:** 58? **MCBS credit:** J. C. Almen, W. R. Smith **DNR Rare Features credit:** NA

Canopy		Shrub		Forbs		Graminoids	
Acer saccharum	Sugar Maple	*Acer saccharum*	Sugar Maple	*Hepatica acutiloba*	Sharp-lobed Hepatica	*Elymus hystrix*	Bottle-Brush Grass
Tilia americana	Basswood	*Tilia americana*	Basswood	*Amphicarpaea bracteata*	Hog Peanut		
Quercus rubra	Red Oak	*Corylus americana*	American Hazelnut	*Asarum canadense*	Wild Ginger		
Betula papyrifera	Paper Bark Birch	*Prunus virginiana*	Choke-Cherry	*Thalictrum dioicum*	Early Meadow Rue		
Pinus strobus	White Pine	*Rosa sp.*	Wild rose	*Athyrium angustum*	Lady Fern		
Pinus resinosa	Red pine	*Rhamnus cathartica*	European Buckthorn	*Matteuccia struthiopteris*	Ostrich Fern		
Ostrya virginiana	Ironwood			*Adiantum pedatum*	Maidenhair Fern		
Quercus macrocarpa	Bur Oak			*Arisaema triphyllum*	Jack in the Pulpit		
				Aralia racemosa	Spikenard		
				Solidago flexicaulis	Zig-zag Goldenrod		
				Menispermum canadense	Moonseed		
				Aster macrophyllus	Big Leaved Aster		
				Aralia nudicaulis	Wild Sarsaparilla		
				Maianthemum canadense	Canada Mayflower		

Area 22-28-20-20

Mesic Oak Forest **Rank:** C to D **MCBS site:** mapped? **MCBS credit:** NA **DNR Rare Features credit:** NA

Canopy		Shrub		Forbs		Graminoids	
Acer saccharum	Sugar Maple	*Rhamnus cathartica*	European Buckthorn	*Desmodium canadense*	Tick-Trefoil	*Carex pensylva*	Pennsylvania Sedge
Tilia americana	Basswood	*Rubus allegheniensis*	Black Berry	*Adiantum pedatum*	Maidenhair Fern		
Quercus rubra	Red Oak	*Acer saccharum*	Sugar Maple	*Athyrium angustum*	Lady Fern		
Populus grandidentata	Big-Toothed Aspen	*Ribes cynosbati*	Prickly Gooseberry	*Smilacina racemosa*	False Solomon's Seal		

Juglans cinerea	Butternut	*Prunus serotina*	Black Cherry	*Amphicarpaea bracteata*	Hog Peanut
Quercus macrocarpa	Bur Oak	*Rhus radicans*	Poison Ivy	*Solidago flexicaulis*	Zig-zag Goldenrod
Quercus ellipsoidalis	Northern Pin Oak	*Zanthoxylum americanum*	Prickly Ash	*Geranium maculatum*	Wild Geranium
Ulmus americana	American Elm	*Cornus rugosa*	Round Leaved Dogwood	*Sanicula marilandica*	Black Snakeroot
Carya ovata	Shagbark Hickory	*Cornus alternifolia*	Pagoda Dogwood	*Solidago sp.*	a species of goldenrod
Ostrya virginiana	Ironwood				
Pinus strobus	White Pine	**Climbers**			
Pinus resinosa	Red pine	*Parthenocissus inserta*	Virginia Creeper		

Area 22-28-20-21

Mesic Oak Forest **Rank:** BC **MCBS site:** 58? **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids
Quercus rubra	Red Oak	*Rhamnus cathartica*	European Buckthorn	*Hepatica acutiloba*	Sharp-lobed Hepatica	*Carex pensylva* Pennsylvania Sedge
Betula papyrifera	Paper Bark Birch	*Ribes cynosbati*	Prickly Gooseberry	*Solidago flexicaulis*	Zig-zag Goldenrod	
Acer saccharum	Sugar Maple	*Carya ovata*	Shagbark Hickory	*Adiantum pedatum*	Maidenhair Fern	
Juglans cinerea	Butternut			*Athyrium angustum*	Lady Fern	
Ulmus americana	American Elm			*Desmodium canadense*	Tick-Trefoil	
Quercus ellipsoidalis	Northern Pin Oak			*Amphicarpaea bracteata*	Hog Peanut	
Pinus strobus	White Pine			*Oxycalus deneallí?*	#N/A	
Pinus resinosa	Red pine			*Arisaema triphyllum*	Jack in the Pulpit	
Ostrya virginiana	Ironwood			*Osmunda claytoniana*	Interrupted Fern	

Area 22-28-20-22

Oak Forest/Woodland **Rank:** D **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids
Quercus rubra	Red Oak	*Acer negundo*	Boxelder	*Sanicula marilandica*	Black Snakeroot	*Carex pensylva* Pennsylvania Sedge
Quercus ellipsoidalis	Northern Pin Oak	*Rhamnus cathartica*	European Buckthorn	*Desmodium canadense*	Tick-Trefoil	
Quercus macrocarpa	Bur Oak	*Cornus racemosa*	Northern swamp-dogwood	*Smilacina racemosa*	False Solomon's Seal	
Celtis occidentalis	Hackberry	*Zanthoxylum americanum*	Prickly Ash	*Athyrium angustum*	Lady Fern	
Juglans cinerea	Butternut	*Lonicera tatarica*	Tartarian Honeysuckle	*Aster sp.*	A species of aster	
Tilia americana	Basswood	*Ribes cynosbati*	Prickly Gooseberry	*Osmorhiza claytonii*	Sweet Cicely	
Carya ovata	Shagbark Hickory					
Prunus serotina	Black Cherry	**Climbers**				
Ulmus americana	American Elm	*Parthenocissus inserta*	Virginia Creeper			
Populus deltoides	Cottonwood	*Rhus radicans*	Poison Ivy			
Betula papyrifera	Paper Bark Birch	*Menispermum canadense*	Moonseed			
Pinus resinosa	Red pine					
Juniperus virginiana	Red Cedar					

Section 26

Area 26-28-20-01

Mesic Oak Forest | **Rank:** C | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy

Quercus alba	White Oak
Quercus rubra	Red Oak
Populus tremuloides	Quaking Aspen
Tilia americana	Basswood
Betula papyrifera	Paper Bark Birch
Juglans nigra	Black Walnut

Shrub

Rubus strigosus	Wild Raspberry
Rhamnus cathartica	European Buckthorn
Lonicera tatarica	Tartarian Honeysuckle
Ribes cynosbati	Prickly Gooseberry
Crataegus sp.	Hawthorn
Zanthoxylum americanum	Prickly Ash
Cornus racemosa	Northern swamp-dogwood
Prunus serotina	Black Cherry
Quercus rubra	Red Oak
Berberis thunbergii	Japanese Barberry
Prunus virginiana	Choke-Cherry
Rhus radicans	Poison Ivy

Climbers

Vitis riparia	Wild Grape
Parthenocissus inserta	Virginia Creeper

Forbs

Desmodium glutinosum	Pointed-leaved tick-trefoil
Amphicarpaea bracteata	Hog Peanut
Solidago nemoralis	Gray Goldenrod
Adiantum pedatum	Maidenhair Fern
Eupatorium rugosum	White Snake root
Prunella vulgaris	Heal-all
Osmunda claytoniana	Interrupted Fern
Aquilegia canadensis	Wild Columbine
Asarum canadense	Wild Ginger
Solidago flexicaulis	Zig-zag Goldenrod

Graminoids

Carex pensylvanica	Pennsylvania Sedge

Area 26-28-20-02

Mesic Oak Forest | **Rank:** B | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy

Quercus rubra	Red Oak
Quercus alba	White Oak
Ostrya virginiana	Ironwood
Acer saccharum	Sugar Maple
Tilia americana	Basswood
Fraxinus nigra	Black Ash
Betula papyrifera	Paper Bark Birch
Ulmus americana	American Elm
Prunus serotina	Black Cherry

Shrub

Rhus radicans	Poison Ivy
Prunus serotina	Black Cherry
Rubus strigosus	Wild Raspberry
Cornus rugosa	Round Leaved Dogwood
Ribes sp.	Gooseberry
Corylus cornuta	Beaked Hazelnut
Rhamnus cathartica	European Buckthorn

Forbs

Adiantum pedatum	Maidenhair Fern
Thalictrum dioicum	Early Meadow Rue
Anemone quinquefolia	Wood Anemone
Pteridium aquilinum	Bracken Fern
Osmunda claytoniana	Interrupted Fern
Hepatica americana	Round-lobed Hepatica
Amphicarpaea bracteata	Hog Peanut
Sanguinaria canadensis	Bloodroot
Athyrium angustum	Lady Fern
Thalictrum dioicum	Early Meadow Rue
Uvularia grandiflora	Largeflower Bellwort
Solidago flexicaulis	Zig-zag Goldenrod
Maianthemum canadense	Canada Mayflower
Desmodium glutinosum	Pointed-leaved tick-trefoil

Graminoids

Carex pensylvanica	Pennsylvania Sedge

Area 26-28-20-03

Floodplain Forest | **Rank:** C to D | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids
Acer negundo	Boxelder	*Corylus americana*	American Hazelnut	*Equisetum hyemale*	Common Scouring Rush	
Populus deltoides	Cottonwood	*Rhus glabra*	Smooth Sumac	*Solidago flexicaulis*	Zig-zag Goldenrod	
Tilia americana	Basswood	*Lonicera tatarica*	Tartarian Honeysuckle	*Smilacina racemosa*	False Solomon's Seal	
Salix nigra	Black Willow	*Rhus radicans*	Poison Ivy	*Solidago sp.*	a species of goldenrod	
Quercus rubra	Red Oak	*Rhamnus cathartica*	European Buckthorn			
Ulmus americana	American Elm	*Viburnum trilobum*	High-bush Cranberry			
		Cornus stolonifera	Red Osier dogwood			
		Climbers				
		Vitis riparia	Wild Grape			
		Parthenocissus inserta	Virginia Creeper			
		Convolvulus sp.	Bindweed			
		Clematis virginiana	Virgin's Bower			

Area 26-28-20-04

River Beach | **Rank:** ? | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Betula papyrifera	Paper Bark Birch	*Acer negundo*	Boxelder	*Helenium autumnale*	Sneezeweed	*Carex stipata*	Saw-Beak Sedge
Populus deltoides	Cottonwood	*Acer ginnala*	Amur Maple	*Impatiens capensis*	Jewel Weed	*Elymus virginicus*	Virginia Wild rye
Tilia americana	Basswood	**Climbers**		*Lobelia inflata*	Indian Tobacco	*Carex stricta*	Tussock Sedge
		Parthenocissus inserta	Virginia Creeper	*Apocynum androsaemifolium*	Spreading Dogbane		
				Impatiens pallida	Pale Touch-me-not		
				Aster sp.	A species of aster		
				Oenothera biennis	Evening Primrose		
				Convolvulus sp.	Bindweed		
				Eupatorium rugosum	White Snake root		
				Strophostyles leiosperma	Wild Bean		
				Solidago flexicaulis	Zig-zag Goldenrod		
				Campanula rotundifolia	Round-leaved Harebell		
				Equisetum sp.	Horsetail		
				Urtica dioica	Stinging Nettle		
				Solanum dulcamara	Bittersweet Nightshade		
				Prenanthes alba	White Lettuce		
				Oxalis stricta	Common Yellow Wood-Sorrel		
				Geum aleppicum	Yellow Avens		
				Solidago speciosa	Showy Goldenrod		
				Pythium?			

Area 26-28-20-06

Lowland Hardwood Forest/Deciduous Woodland | **Rank:** NR | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Populus deltoides	Cottonwood	*Rhamnus cathartica*	European Buckthorn	*Eupatorium rugosum*	White Snake root		
Ulmus americana	American Elm	*Lonicera tatarica*	Tartarian Honeysuckle	*Leonurus cardiaca*	Common Motherwort		
Fraxinus pennsylvanica	Green Ash	*Rubus allegheniensis*	Black Berry	*Arctium minus*	Common Burdock		
Acer negundo	Boxelder			*Geum aleppicum*	Yellow Avens		
		Climbers		*Aster sp.*	A species of aster		
		Vitis riparia	Wild Grape	*Isopyrum biternatum*	False Rue Anenome		

Area 26-28-20-07

Lowland Hardwood Forest | **Rank:** CD | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Betula papyrifera	Paper Bark Birch	*Berberis thunbergii*	Japanese Barberry	*Eupatorium rugosum*	White Snake root	*Carex pensylvanica*	Pennsylvania Sedge
Ulmus rubra	Slippery Elm	*Rhamnus cathartica*	European Buckthorn	*Oxalis stricta*	Common Yellow Wood-Sorrel	*Carex intumescens*	A species of sedge
Juglans cinerea	Butternut	*Rubus strigosus*	Wild Raspberry	*Athyrium angustum*	Lady Fern		
Quercus rubra	Red Oak			*Erigeron annuus*	Daisy Fleabane		
Quercus macrocarpa	Bur Oak			*Adiantum pedatum*	Maidenhair Fern		
Populus deltoides	Cottonwood			*Anemone sp.*	Anemone		
				Dryopteris sp.	Wood Fern		
				Galium triflorum	Sweet Scented Bedstraw		
				Hackelia virginiana	Virginia Stickseed		
				Glechoma hederacea	Creeping Charlie		

Area 26-28-20-08

Mesic Oak Forest | **Rank:** C | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Quercus rubra	Red Oak	*Rhamnus cathartica*	European Buckthorn	*Fragaria sp.*	Strawberry	*Carex pensylvanica*	Pennsylvania Sedge
Betula papyrifera	Paper Bark Birch	*Rubus strigosus*	Wild Raspberry	*Hepatica americana*	Round-lobed Hepatica	*Carex sp.*	A species of sedge
Tilia americana	Basswood	*Prunus virginiana*	Choke-Cherry	*Galium triflorum*	Sweet Scented Bedstraw		
Juglans cinerea	Butternut	*Lonicera tatarica*	Tartarian Honeysuckle	*Solidago flexicaulis*	Zig-zag Goldenrod		
Ulmus rubra	Slippery Elm	*Diervilla lonicera*	Bush Honeysuckle	*Eupatorium rugosum*	White Snake root		
Quercus macrocarpa	Bur Oak	*Cornus alternifolia*	Pagoda Dogwood	*Geum aleppicum*	Yellow Avens		
Prunus serotina	Black Cherry	*Ribes cynosbati*	Prickly Gooseberry	*Thalictrum dioicum*	Early Meadow Rue		
Populus grandidentata	Big-Toothed Aspen			*Osmunda claytoniana*	Interrupted Fern		
Fraxinus pennsylvanica	Green Ash			*Athyrium angustum*	Lady Fern		
				Adiantum pedatum	Maidenhair Fern		

Hackelia virginiana	Virginia Stickseed
Laportea canadensis	Wood Nettle
Viola sp.	Violet species

Area 26-28-20-09

Floodplain Forest **Rank:** D **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy

Populus deltoides	Cottonwood
Acer saccharinum	Silver Maple

Shrub

Rhamnus cathartica	European Buckthorn
Salix sp.	Willow

Climbers

Vitis riparia	Wild Grape

Forbs

Viola sp.	Violet species
Bidens cernua	Beggar-Ticks
Helenium autumnale	Sneezeweed
Polygonum sp.	Species of Smartweed
Laportea canadensis	Wood Nettle
Mentha arvensis	Common mint

Graminoids

Carex stipata	Saw-Beak Sedge
Carex stricta	Tussock Sedge

Section 27

Area 27-28-20-01

Mesic Oak Forest | **Rank:** C | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy

Quercus rubra	Red Oak
Quercus macrocarpa	Bur Oak
Juglans cinerea	Butternut
Acer saccharum	Sugar Maple
Tilia americana	Basswood
Betula papyrifera	Paper Bark Birch
Quercus alba	White Oak

Shrub

Acer saccharum	Sugar Maple
Rhamnus cathartica	European Buckthorn

Climbers

Vitis riparia	Wild Grape

Forbs

Adiantum pedatum	Maidenhair Fern
Athyrium angustum	Lady Fern
Thalictrum dioicum	Early Meadow Rue

Graminoids

Carex pensylvanica	Pennsylvania Sedge

Area 27-28-20-02

Mesic Oak Forest | **Rank:** B | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy

Quercus rubra	Red Oak
Quercus alba	White Oak
Ostrya virginiana	Ironwood
Acer saccharum	Sugar Maple
Tilia americana	Basswood
Fraxinus nigra	Black Ash
Betula papyrifera	Paper Bark Birch
Ulmus americana	American Elm
Prunus serotina	Black Cherry

Shrub

Rhus radicans	Poison Ivy
Prunus serotina	Black Cherry
Rubus strigosus	Wild Raspberry
Cornus rugosa	Round Leaved Dogwood
Ribes sp.	Gooseberry
Corylus cornuta	Beaked Hazelnut
Rhamnus cathartica	European Buckthorn

Forbs

Adiantum pedatum	Maidenhair Fern
Thalictrum dioicum	Early Meadow Rue
Anemone quinquefolia	Wood Anemone
Pteridium aquilinum	Bracken Fern
Osmunda claytoniana	Interrupted Fern
Hepatica americana	Round-lobed Hepatica
Amphicarpaea bracteata	Hog Peanut
Sanguinaria canadensis	Bloodroot
Athyrium angustum	Lady Fern
Thalictrum dioicum	Early Meadow Rue
Uvularia grandiflora	Largeflower Bellwort
Solidago flexicaulis	Zig-zag Goldenrod
Maianthemum canadense	Canada Mayflower
Desmodium glutinosum	Pointed-leaved tick-trefoil

Graminoids

Carex pensylvanica	Pennsylvania Sedge

Area 27-28-20-03

Mesic Oak Forest | **Rank:** C | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy

Acer saccharum	Sugar Maple
Quercus macrocarpa	Bur Oak
Prunus serotina	Black Cherry

Shrub

Rhamnus cathartica	European Buckthorn
Celtis occidentalis	Hackberry

Forbs

Graminoids

Ulmus americana	American Elm
Quercus rubra	Red Oak
Celtis occidentalis	Hackberry
Tilia americana	Basswood

Area 27-28-20-04

Oak Woodland **Rank:** D **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Quercus macrocarpa	Bur Oak	*Prunus virginiana*	Choke-Cherry	*Hylocomium sp.*	Feather Moss	*Carex pensylvanica*	Pennsylvania Sedge
Populus grandidentata	Big-Toothed Aspen	*Rhamnus cathartica*	European Buckthorn				
Juniperus virginiana	Red Cedar	*Prunus serotina*	Black Cherry				
Quercus ellipsoidalis	Northern Pin Oak	*Acer rubrum*	Red Maple				
Fraxinus pennsylvanica	Green Ash	*Zanthoxylum americanum*	Prickly Ash				
Populus tremuloides	Quaking Aspen						
Betula papyrifera	Paper Bark Birch	**Climbers**					
		Vitis riparia	Wild Grape				

Section 28

Area 28-28-20-01

Lowland Harwood Forest | **Rank:** C | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Acer negundo	Boxelder	*Sambucus canadensis*	Common Elder	*Smilacina racemosa*	False Solomon's Seal	*Leersia oryzoides*	Rice Cut Grass
Ulmus rubra	Slippery Elm	*Viburnum lentago*	Sweet Viburnum	*Arctium minus*	Common Burdock	*Poa sp.*	grass
Ulmus americana	American Elm	*Sambucus racemosa*	Red-Berried Elder	*Laportea canadensis*	Wood Nettle	*Elymus virginicus*	Virginia Wild rye
Salix nigra	Black Willow	*Rhamnus cathartica*	European Buckthorn	*Eupatorium rugosum*	White Snake root	*Carex pensylvanica*	Pennsylvania Sedge
Acer saccharinum	Silver Maple			*Hydrophyllum virginianum*	Virginia Waterleaf		
Celtis occidentalis	Hackberry	**Climbers**		*Osmorhiza claytonii*	Sweet Cicely		
Quercus macrocarpa	Bur Oak	*Vitis riparia*	Wild Grape	*Urtica dioica*	Stinging Nettle		
				Ranunculus fascicularis	Swamp Buttercup		
				Leonurus cardiaca	Common Motherwort		
				Geum aleppicum	Yellow Avens		
				Viola sp.	Violet species		
				Athyrium angustum	Lady Fern		
				Arisaema triphyllum	Jack in the Pulpit		
				Amphicarpaea bracteata	Hog Peanut		

Area 28-28-20-02

Mesic Oak Forest | **Rank:** C | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Quercus rubra	Red Oak	*Zanthoxylum americanum*	Prickly Ash	*Maianthemum canadense*	Canada Mayflower	*Carex pedunculata*	A species of sedge
Fraxinus nigra	Black Ash	*Prunus serotina*	Black Cherry	*Desmodium glutinosum*	Pointed-leaved tick-trefoil		
Quercus alba	White Oak	*Rhamnus cathartica*	European Buckthorn	*Anemone quinquefolia*	Wood Anemone		
Acer rubrum	Red Maple	*Acer rubrum*	Red Maple	*Geum aleppicum*	Yellow Avens		
Acer saccharum	Sugar Maple	*Ribes cynosbati*	Prickly Gooseberry	*Athyrium angustum*	Lady Fern		
Celtis occidentalis	Hackberry	*Prunus virginiana*	Choke-Cherry				
Ulmus americana	American Elm	*Ulmus rubra*	Slippery Elm				

Area 28-28-20-03

Mesic Oak Forest | **Rank:** CD | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Ostrya virginiana	Ironwood	*Rhamnus cathartica*	European Buckthorn	*Athyrium angustum*	Lady Fern	?	#N/A
Quercus alba	White Oak	*Acer ginnala*	Amur Maple	*Hydrophyllum virginianum*	Virginia Waterleaf		
Quercus rubra	Red Oak	*Acer saccharinum*	Silver Maple				
Prunus serotina	Black Cherry	*Rubus allegheniensis*	Black Berry				
Tilia americana	Basswood	*Corylus americana*	American Huzelnut				
Celtis occidentalis	Hackberry	*Prunus americana*	American Plum				
Acer negundo	Boxelder	*Zanthoxylum americanum*	Prickly Ash				
Populus tremuloides	Quaking Aspen	*Sambucus canadensis*	Common Elder				
Quercus ellipsoidalis	Northern Pin Oak						

Fraxinus nigra	Black Ash
Quercus macrocarpa	Bur Oak
Populus grandidentata	Big-Toothed Aspen

Area 28-28-20-04

Maple-Basswood Forest | **Rank:** C | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Acer saccharum	Sugar Maple	*Corylus americana*	American Hazelnut	*Athyrium angustum*	Lady Fern		
Populus grandidentata	Big-Toothed Aspen	*Sambucus canadensis*	Common Elder	*Arisaema triphyllum*	Jack in the Pulpit		
Ulmus americana	American Elm	*Rhamnus cathartica*	European Buckthorn				
Quercus rubra	Red Oak	*Acer saccharum*	Sugar Maple				
Betula papyrifera	Paper Bark Birch						

Area 28-28-20-05

Mesic Oak Forest | **Rank:** C | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Quercus ellipsoidalis	Northern Pin Oak	*Rhamnus cathartica*	European Buckthorn	*Uvularia sessilifolia*	Sessileleaf Bellwort	*Carex pensylvanica*	Pennsylvania Sedge
Populus grandidentata	Big-Toothed Aspen	*Zanthoxylum americanum*	Prickly Ash	*Desmodium glutinosum*	Pointed-leaved tick-trefoil	*Carex sp.*	A species of sedge
Quercus rubra	Red Oak	*Rubus strigosus*	Wild Raspberry	*Agrimonia gryposepala*	Agrimony	*Elymus hystrix*	Bottle-Brush Grass
Acer rubrum	Red Maple	*Prunus serotina*	Black Cherry	*Triosteum perfoliatum*	Horse-gentian		
Acer saccharum	Sugar Maple	*Lonicera tatarica*	Tartarian Honeysuckle	*Solidago canadensis*	Canada Goldenrod		
Tilia americana	Basswood			*Hypericum perforatum*	Common St. John's-wort		
				Solidago speciosa	Showy Goldenrod		

Area 28-28-20-06

Maple-Basswood Forest | **Rank:** C | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids
Acer saccharum	Sugar Maple	*Ostrya virginiana*	Ironwood	*Geranium maculatum*	Wild Geranium	
Tilia americana	Basswood	*Carpinus caroliniana*	Blue Beech; Hornbeam; Muscl	*Athyrium angustum*	Lady Fern	
Populus grandidentata	Big-Toothed Aspen	*Acer saccharum*	Sugar Maple			
Quercus macrocarpa	Bur Oak	*Ribes cynosbati*	Prickly Gooseberry			
Prunus serotina	Black Cherry	*Prunus virginiana*	Choke-Cherry			
Fraxinus pennsylvanica	Green Ash					
Ulmus americana	American Elm					

Area 28-28-20-07

Deciduous Woodland | **Rank:** NR | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids
Acer rubrum	Red Maple	*Rhamnus cathartica*	European Buckthorn	*Galium triflorum*	Sweet Scented Bedstraw	

Malus sp.	Crab-apple	*Ulmus americana*	American Elm
Quercus rubra	Red Oak	*Cornus rugosa*	Round Leaved Dogwood
Acer negundo	Boxelder	*Ribes cynosbati*	Prickly Gooseberry
Ulmus americana	American Elm	*Acer rubrum*	Red Maple

Area 28-28-20-08

Aspen Woodland — **Rank:** C — **MCBS site:** NA — **MCBS credit:** NA — **DNR Rare Features:** NA

Canopy		Shrub		Forbs		Graminoids	
Populus tremuloides	Quaking Aspen	*Acer ginnala*	Amur Maple	*Anemone canadensis*	Canada Anemone	*Schizachyrium scoparium*	Little Bluestem
Fraxinus nigra	Black Ash	*Cornus racemosa*	Northern swamp-dogwood	*Geum aleppicum*	Yellow Avens		
Juniperus virginiana	Red Cedar	*Viburnum lentago*	Sweet Viburnum	*Agrimonia gryposepala*	Agrimony		
Malus sp.	Crab-apple	*Rhamnus cathartica*	European Buckthorn	*Hypericum perforatum*	Common St. John's-wort		
Prunus serotina	Black Cherry	*Quercus rubra*	Red Oak	*Smilax ecirrata*	Greenbrier		
		Acer rubrum	Red Maple	*Solidago gigantea*	Giant Goldenrod		
		Rubus strigosus	Wild Raspberry	*Thalictrum dasycarpum*	Tall Meadow Rue		
		Rhus glabra	Smooth Sumac	*Desmodium canadense*	Tick-Trefoil		
		Zanthoxylum americanum	Prickly Ash	*Galium triflorum*	Sweet Scented Bedstraw		
		Climbers					
		Vitis riparia	Wild Grape				
		Parthenocissus inserta	Virginia Creeper				

Area 28-28-20-09

Dry Prairie (Bedrock Bluff Subtype) — **Rank:** CD — **MCBS site:** NA — **MCBS credit:** NA — **DNR Rare Features:** NA

Canopy		Shrub		Forbs		Graminoids	
Juniperus virginiana	Red Cedar	*Rhus glabra*	Smooth Sumac	*Amorpha canescens*	Leadplant	*Sorghastrum nutans*	Indian Gruss
Pinus resinosa	Red pine	*Juniperus virginiana*	Red Cedar	*Anemone cylindrica*	Thimbleweed	*Bouteloua curtipendula*	Side Oats Grama
Acer saccharinum	Silver Maple	*Rhamnus cathartica*	European Buckthorn	*Aster ericoides*	Heath Aster	*Sporobolis heterolepis*	Prairie Dropseed
		Fraxinus nigra	Black Ash	*Verbascum thapsus*	Common Mullein	*Muhlenbergia sp.*	Muhly Grass
		Acer ginnala	Amur Maple	*Aster puniceus*	Purple Stemmed Aster	*Schizachyrium scoparium*	Little Bluestem
		Lonicera tatarica	Tartarian Honeysuckle	*Solidago nemoralis*	Gray Goldenrod		
		Rubus strigosus	Wild Raspberry	*Coreopsis palmata*	Prairie Coreopsis		
		Rosa sp.	Wild rose	*Liatris punctata*	Dotted Blazing Star		
				Asclepias sp.	Milkweed		
		Climbers		*Ranunculus sp.*	Buttercup		
		Vitis riparia	Wild Grape				

Area 28-28-20-10

Deciduous Plantation — **Rank:** NR — **MCBS site:** NA — **MCBS credit:** NA — **DNR Rare Features:** NA

Canopy		Shrub		Forbs		Graminoids
Fraxinus pennsylvanica	Green Ash	*Rhamnus cathartica*	European Buckthorn	*Galium triflorum*	Sweet Scented Bedstraw	
Prunus serotina	Black Cherry	*Ulmus americana*	American Elm			

Acer saccharinum	Silver Maple	*Lonicera tatarica*	Tartarian Honeysuckle
		Acer saccharinum	Silver Maple

Area 28-28-20-11

Mixed Coniferous/Deciduous Plantation **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Pinus sylvestris	Scotch Pine	*Sambucus canadensis*	Common Elder	*Osmorhiza claytonii*	Sweet Cicely		
Fraxinus pennsylvanica	Green Ash	*Rhamnus cathartica*	European Buckthorn				
Juniperus virginiana	Red Cedar						
Populus tremuloides	Quaking Aspen						
Prunus serotina	Black Cherry						

Area 28-28-20-12

Mesic Oak Forest **Rank:** B-C **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Quercus alba	White Oak	*Acer saccharum*	Sugar Maple	*Galium triflorum*	Sweet Scented Bedstraw		
Quercus macrocarpa	Bur Oak	*Rhamnus cathartica*	European Buckthorn	*Uvularia sessilifolia*	Sessileleaf Bellwort		
Quercus ellipsoidalis	Northern Pin Oak	*Ribes cynosbati*	Prickly Gooseberry	*Smilax ecirrata*	Greenbrier		
Acer negundo	Boxelder	*Ulmus americana*	American Elm	*Geum aleppicum*	Yellow Avens		
Acer saccharum	Sugar Maple	*Ulmus rubra*	Slippery Elm	*Viola pubescens*	Downy Yellow Violet		
Populus tremuloides	Quaking Aspen	*Quercus rubra*	Red Oak	*Desmodium glutinosum*	Pointed-leaved tick-trefoil		
Ulmus rubra	Slippery Elm			*Athyrium angustum*	Lady Fern		
Prunus serotina	Black Cherry	**Climbers**		*Actaea rubra*	Red Baneberry		
Ulmus americana	American Elm	*Vitis riparia*	Wild Grape				
Juglans cinerea	Butternut	*Menispermum canadense*	Moonseed				

Area 28-28-20-13

Oak Woodland **Rank:** D **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Quercus macrocarpa	Bur Oak	*Prunus virginiana*	Choke-Cherry	*Hylocomium sp.*	Feather Moss	*Carex pensylvanica*	Pennsylvania Sedge
Quercus rubra	Red Oak	*Rhamnus cathartica*	European Buckthorn				
Juniperus virginiana	Red Cedar	*Prunus serotina*	Black Cherry				
Populus tremuloides	Quaking Aspen	*Acer rubrum*	Red Maple				
Betula papyrifera	Paper Bark Birch	*Zanthoxylum americanum*	Prickly Ash				
Populus grandidentata	Big-Toothed Aspen						
Quercus ellipsoidalis	Northern Pin Oak	**Climbers**					
Fraxinus pennsylvanica	Green Ash						
		Vitis riparia	Wild Grape				

Section 32

Area 32-28-20-01

Old Field — **Rank:** NR? — **MCBS site:** NA — **MCBS credit:** NA — **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
		Juniperus virginiana	Red Cedar	*Helianthum sp.*	#N/A	*Leptoloma fescu*	#N/A

Area 32-28-20-02

Northern Hardwood Forest — **Rank:** C — **MCBS site:** NA — **MCBS credit:** NA — **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Populus tremuloides	Quaking Aspen	*Sambucus canadensis*	Common Elder	*Caulophyllum thalictroides*	Blue cohosh	*Carex sp.*	A species of sedge
Populus grandidentata	Big-Toothed Aspen	*Rhamnus cathartica*	European Buckthorn	*Osmorhiza claytonii*	Sweet Cicely		
Quercus macrocarpa	Bur Oak	*Ribes cynosbati*	Prickly Gooseberry	*Geum aleppicum*	Yellow Avens		
Quercus rubra	Red Oak	*Celtis occidentalis*	Hackberry	*Osmunda claytoniana*	Interrupted Fern		
Celtis occidentalis	Hackberry	*Prunus serotina*	Black Cherry	*Eupatorium rugosum*	White Snake root		
Prunus serotina	Black Cherry	*Prunus virginiana*	Choke-Cherry	*Desmodium glutinosum*	Pointed-leaved tick-trefoil		
		Ostrya virginiana	Ironwood	*Hackelia virginiana*	Virginia Stickseed		
		Climbers					
		Vitis riparia	Wild Grape				
		Parthenocissus inserta	Virginia Creeper				

Area 32-28-20-03

Oak Woodland — **Rank:** CD — **MCBS site:** NA — **MCBS credit:** NA — **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Quercus rubra	Red Oak	*Rhamnus cathartica*	European Buckthorn	*Eupatorium rugosum*	White Snake root	*Carex pedunculata*	A species of sedge
Ulmus americana	American Elm	*Zanthoxylum americanum*	Prickly Ash	*Osmorhiza claytonii*	Sweet Cicely	*Carex pensylvanica*	Pennsylvania Sedge
Celtis occidentalis	Hackberry	*Prunus serotina*	Black Cherry	*Geum aleppicum*	Yellow Avens		
Populus tremuloides	Quaking Aspen	*Rubus strigosus*	Wild Raspberry	*Agrimonia gryposepala*	Agrimony		
Quercus alba	White Oak	*Ribes cynosbati*	Prickly Gooseberry	*Pyrola elliptica*	Common Pyrola		
Ostrya virginiana	Ironwood			*Smilax herbacea*	Carrion Flower		

Area 32-28-20-04

Northern Hardwood Forest — **Rank:** C — **MCBS site:** NA — **MCBS credit:** NA — **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Populus tremuloides	Quaking Aspen	*Sambucus canadensis*	Common Elder	*Caulophyllum thalictroides*	Blue cohosh	*Carex sp.*	A species of sedge
Populus grandidentata	Big-Toothed Aspen	*Rhamnus cathartica*	European Buckthorn	*Osmorhiza claytonii*	Sweet Cicely		
Quercus macrocarpa	Bur Oak	*Ribes cynosbati*	Prickly Gooseberry	*Geum aleppicum*	Yellow Avens		
Quercus rubra	Red Oak	*Celtis occidentalis*	Hackberry	*Osmunda claytoniana*	Interrupted Fern		
Celtis occidentalis	Hackberry	*Prunus serotina*	Black Cherry	*Eupatorium rugosum*	White Snake root		

Prunus serotina	Black Cherry	*Prunus virginiana*	Choke-Cherry	*Desmodium glutinosum*	Pointed-leaved tick-trefoil
		Ostrya virginiana	Ironwood	*Hackelia virginiana*	Virginia Stickseed

Climbers

Vitis riparia	Wild Grape
Parthenocissus inserta	Virginia Creeper

Area 32-28-20-05

Aspen Woodland — **Rank:** D — **MCBS site:** NA — **MCBS credit:** NA — **DNR Rare Features:** NA

Canopy		Shrub		Forbs		Graminoids
Populus tremuloides	Quaking Aspen	*Rhamnus cathartica*	European Buckthorn	*Smilax herbacea*	Carrion Flower	
Acer negundo	Boxelder	*Lonicera tatarica*	Tartarian Honeysuckle	*Geum aleppicum*	Yellow Avens	
Populus grandidentata	Big-Toothed Aspen	*Rubus strigosus*	Wild Raspberry	*Uvularia sessilifolia*	Sessileleaf Bellwort	
Ulmus americana	American Elm	*Zanthoxylum americanum*	Prickly Ash	*Galium triflorum*	Sweet Scented Bedstraw	
Prunus serotina	Black Cherry					

Climbers

Vitis riparia	Wild Grape

Area 32-28-20-06

Dry, Bedrock Bluff Prairie — **Rank:** C (poss B) — **MCBS site:** 23 — **MCBS credit:** J. C. Almendinger, M. J. Scanlon — **DNR Rare Features:** Bedrock Bluff Dry Prairie

Canopy		Shrub		Forbs		Graminoids	
		Rosa arkansana	Prairie Rose	*Ambrosia artemisiifolia*	Common Ragweed	*Poa compressa*	Canada Bluegrass
		Rhus glabra	Smooth Sumac	*Anaphalis margaritacea*	Pearly Everlasting	*Schizachyrium scoparium*	Little Bluestem
		Rhus radicans	Poison Ivy	*Liatris punctata*	Dotted Blazing Star	*Poa sp.*	grass
		Prunus pumila	Sand-Cherry	*Achillea millefolium*	Yarrow	*Sorghastrum nutans*	Indian Grass
				Aster oblongifolius	Aromatic Aster	*Stipa spartea*	Porcupine Grass
				Solidago nemoralis	Gray Goldenrod	*Sporobolis heterolepis*	Prairie Dropseed
				Apocynum androsaemifolium	Spreading Dogbane	*Andropogon gerardii*	Big Bluestem
				Solidago speciosa	Showy Goldenrod		
				Amorpha fruticosa	False Indigo		
				Hypericum perforatum	Common St. John's-wort		
				Campanula sp.	Harebell		

Area 32-28-20-07

Conifer Woodland — **Rank:** D — **MCBS site:** 23 — **MCBS credit:** J. C. Almendinger, M. J. Scanlon — **DNR Rare Features:** NA

Canopy		Shrub		Forbs		Graminoids	
Quercus rubra	Red Oak	*Prunus virginiana*	Choke-Cherry	*Geum aleppicum*	Yellow Avens	*Poa pratensis*	Kentucky bluegrass
Populus tremuloides	Quaking Aspen	*Zanthoxylum americanum*	Prickly Ash	*Liatris punctata*	Dotted Blazing Star	*Bromus inermis*	Smooth Brome
Pinus strobus	White Pine	*Rhamnus cathartica*	European Buckthorn	*Hylocomium sp.*	Feather Moss	*Sorghastrum nutans*	Indian Grass
Juniperus virginiana	Red Cedar	*Rhus glabra*	Smooth Sumac			*Schizachyrium scoparium*	Little Bluestem

Pinus banksiana	Jack pine	*Quercus rubra*	Red Oak
Pinus resinosa	Red pine	*Rosa sp.*	Wild rose
		Lonicera tatarica	Tartarian Honeysuckle
		Amorpha fruticosa	False Indigo
		Rubus strigosus	Wild Raspberry

Area 32-28-20-08

Deciduous Brushland **Rank:** D **MCBS site:** 23 **MCBS credit:** J. C. Almendinger, M. J. Scanlon **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Populus tremuloides	Quaking Aspen	*Rhus glabra*	Smooth Sumac				
Prunus serotina	Black Cherry	*Rubus strigosus*	Wild Raspberry				
Quercus rubra	Red Oak	*Rubus allegheniensis*	Black Berry				
		Rhamnus cathartica	European Buckthorn				
		Juniperus virginiana	Red Cedar				

Area 32-28-20-09

Deciduous Brushland **Rank:** D **MCBS site:** 23 **MCBS credit:** J. C. Almendinger, M. J. Scanlon **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Juglans cinerea	Butternut	*Rhamnus cathartica*	European Buckthorn	*Osmorhiza claytonii*	Sweet Cicely	*Bromus inermis*	Smooth Brome
		Rubus allegheniensis	Black Berry	*Geum aleppicum*	Yellow Avens		
		Rubus strigosus	Wild Raspberry	*Galium triflorum*	Sweet Scented Bedstraw		
		Rhus glabra	Smooth Sumac	*Laportea canadensis*	Wood Nettle		
				Solidago gigantea	Giant Goldenrod		

Area 32-28-20-10

Oak Savanna/Pasture **Rank:** CD **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Salix nigra	Black Willow	*Populus deltoides*	Cottonwood	*Cerastium sp.*	Chickweed	*Scirpus atrovirens*	Green Bulrush
Quercus macrocarpa	Bur Oak	*Rubus strigosus*	Wild Raspberry	*Rumex orbiculatus*	Water Dock	*Schizachyrium scoparium*	Little Bluestem
		Populus tremuloides	Quaking Aspen	*Solidago speciosa*	Showy Goldenrod	*Panicum virgatum*	Switchgrass
		Ulmus americana	American Elm	*Helianthus grosseserratus*	Saw toothed Sunflower	*Typha angustifolia*	Narrow-leaved cattail
		Rhamnus cathartica	European Buckthorn	*Solidago gigantea*	Giant Goldenrod	*Poa pratensis*	Kentucky bluegrass
		Juniperus virginiana	Red Cedar	*Aster sp.*	A species of aster	*Phleum pratense*	Timothy
				Verbascum thapsus	Common Mullein	*Phalaris arundinacea*	Reed Canary Grass
				Cirsium sp.	Thistle		
				Trifolium repens	White Clover		
				Taraxacum officinale	Dandelion		
				Arctium minus	Common Burdock		

Area 32-28-20-11

Sedge Meadow (Seepage Subtype) **Rank:** CD **MCBS site:** NA **MCBS** NA **DNR Rare Features**

credit: NA

Canopy		Shrub		Forbs		Graminoids	
				Aster sp.	A species of aster	*Carex bebbii*	Bebbs sedge
				Laportea canadensis	Wood Nettle	*Carex stipata*	Saw-Beak Sedge
				Verbena hastata	Blue Vervain	*Carex stricta*	Tussock Sedge
				Rumex orbiculatus	Water Dock	*Leersia oryzoides*	Rice Cut Grass
				Lemna minor	Duckweed	*Scirpus atrovirens*	Green Bulrush
				Epilobium coloratum	Purple-Leaved Willow-Herb	*Phleum pratense*	Timothy
						Panicum virgatum	Switchgrass

Area 32-28-20-12

Dry, Bedrock Bluff Prairie **Rank:** D **MCBS site:** 23 **MCBS credit:** J. C. Almendinger, M. J. Scanlon **DNR Rare Features** Bedrock Bluff Dry Prairie

Canopy		Shrub		Forbs		Graminoids	
		Prunus pumila	Sand-Cherry	*Solidago nemoralis*	Gray Goldenrod	*Poa pratensis*	Kentucky bluegrass
		Rubus strigosus	Wild Raspberry	*Liatris punctata*	Dotted Blazing Star	*Sorghastrum nutans*	Indian Grass
		Rhamnus cathartica	European Buckthorn	*Artemisia ludoviciana*	White Sage	*Panicum virgatum*	Switchgrass
		Rhus glabra	Smooth Sumac	*Solidago speciosa*	Showy Goldenrod	*Bromus inermis*	Smooth Brome
		Zanthoxylum americanum	Prickly Ash	*Helianthus sp.*	Sunflower		
				Anemone cylindrica	Thimbleweed		

Area 32-28-20-14

Wet Meadow **Rank:** CD **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Salix nigra	Black Willow	*Populus deltoides*	Cottonwood	*Cerastium sp.*	Chickweed	*Scirpus atrovirens*	Green Bulrush
		Rubus strigosus	Wild Raspberry	*Rumex orbiculatus*	Water Dock	*Schizachyrium scoparium*	Little Bluestem
		Populus tremuloides	Quaking Aspen	*Solidago speciosa*	Showy Goldenrod	*Panicum virgatum*	Switchgrass
				Helianthus grosseserratus	Saw toothed Sunflower	*Typha angustifolia*	Narrow-leaved cattail
				Solidago gigantea	Giant Goldenrod	*Phalaris arundinacea*	Reed Canary Grass
				Aster sp.	A species of aster		
				Verbascum thapsus	Common Mullein		
				Cirsium sp.	Thistle		
				Trifolium repens	White Clover		
				Taraxacum officinale	Dandelion		
				Arctium minus	Common Burdock		

Area 32-28-20-15

Deciduous Woodland **Rank:** NR **MCBS site:** 23 **MCBS credit:** J. C. Almendinger **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
				Solidago sp.	a species of goldenrod		

Area 32-28-20-16

Dry, Bedrock Bluff Prairie **Rank:** C (poss B) **MCBS site:** NA **MCBS credit:** J. C. Almendinger, M. J. Scanlon **DNR Rare Features** Bedrock Bluff Dry Prairie

Canopy	Shrub		Forbs		Graminoids	
	Rosa arkansana	Prairie Rose	*Ambrosia artemisiifolia*	Common Ragweed	*Poa compressa*	Canada Bluegrass
	Rhus glabra	Smooth Sumac	*Anaphalis margaritacea*	Pearly Everlasting	*Schizachyrium scoparium*	Little Bluestem
	Rhus radicans	Poison Ivy	*Liatris punctata*	Dotted Blazing Star	*Poa sp.*	grass
	Prunus pumila	Sand-Cherry	*Achillea millefolium*	Yarrow	*Sorghastrum nutans*	Indian Grass
			Aster oblongifolius	Aromatic Aster	*Stipa spartea*	Porcupine Grass
			Solidago nemoralis	Gray Goldenrod	*Sporobolis heterolepis*	Prairie Dropseed
			Apocynum androsaemifolium	Spreading Dogbane	*Andropogon gerardii*	Big Bluestem
			Solidago speciosa	Showy Goldenrod		
			Amorpha fruticosa	False Indigo		
			Hypericum perforatum	Common St. John's-wort		
			Campanula sp.	Harebell		

Area 32-28-20-17

Dry, Bedrock Bluff Prairie **Rank:** C (poss B) **MCBS site:** 23 **MCBS credit:** J. C. Almendinger, M. J. Scanlon **DNR Rare Features** Bedrock Bluff Dry Prairie

Canopy	Shrub		Forbs		Graminoids	
	Rosa arkansana	Prairie Rose	*Ambrosia artemisiifolia*	Common Ragweed	*Poa compressa*	Canada Bluegrass
	Rhus glabra	Smooth Sumac	*Anaphalis margaritacea*	Pearly Everlasting	*Schizachyrium scoparium*	Little Bluestem
	Rhus radicans	Poison Ivy	*Liatris punctata*	Dotted Blazing Star	*Poa sp.*	grass
	Prunus pumila	Sand-Cherry	*Achillea millefolium*	Yarrow	*Sorghastrum nutans*	Indian Grass
			Aster oblongifolius	Aromatic Aster	*Stipa spartea*	Porcupine Grass
			Solidago nemoralis	Gray Goldenrod	*Sporobolis heterolepis*	Prairie Dropseed
			Apocynum androsaemifolium	Spreading Dogbane	*Andropogon gerardii*	Big Bluestem
			Solidago speciosa	Showy Goldenrod		
			Amorpha fruticosa	False Indigo		
			Hypericum perforatum	Common St. John's-wort		
			Campanula sp.	Harebell		

Area 32-28-20-18

Dry, Bedrock Bluff Prairie **Rank:** C (poss B) **MCBS site:** 23 **MCBS credit:** J. C. Almendinger, M. J. Scanlon **DNR Rare Features** Bedrock Bluff Dry Prairie

Canopy	Shrub		Forbs		Graminoids	
	Rosa arkansana	Prairie Rose	*Ambrosia artemisiifolia*	Common Ragweed	*Poa compressa*	Canada Bluegrass
	Rhus glabra	Smooth Sumac	*Anaphalis margaritacea*	Pearly Everlasting	*Schizachyrium scoparium*	Little Bluestem
	Rhus radicans	Poison Ivy	*Liatris punctata*	Dotted Blazing Star	*Poa sp.*	grass
	Prunus pumila	Sand-Cherry	*Achillea millefolium*	Yarrow	*Sorghastrum nutans*	Indian Grass
			Aster oblongifolius	Aromatic Aster	*Stipa spartea*	Porcupine Grass
			Solidago nemoralis	Gray Goldenrod	*Sporobolis heterolepis*	Prairie Dropseed
			Apocynum androsaemifolium	Spreading Dogbane	*Andropogon gerardii*	Big Bluestem
			Solidago speciosa	Showy Goldenrod		
			Amorpha fruticosa	False Indigo		
			Hypericum perforatum	Common St. John's-wort		

				Campanula sp.	Harebell		

Area 32-28-20-19

Dry, Bedrock Bluff Prairie			**Rank:** C (poss B)	**MCBS site:**	23	**MCBS credit:** J. C. Almendinger, M. J. Scanlon	**DNR Rare Features** Bedrock Bluff Dry Prairie
Canopy		**Shrub**		**Forbs**		**Graminoids**	
	Rosa arkansana	Prairie Rose		*Ambrosia artemisiifolia*	Common Ragweed	*Poa compressa*	Canada Bluegrass
	Rhus glabra	Smooth Sumac		*Anaphalis margaritacea*	Pearly Everlasting	*Schizachyrium scoparium*	Little Bluestem
	Rhus radicans	Poison Ivy		*Liatris punctata*	Dotted Blazing Star	*Poa sp.*	grass
	Prunus pumila	Sand-Cherry		*Achillea millefolium*	Yarrow	*Sorghastrum nutans*	Indian Grass
				Aster oblongifolius	Aromatic Aster	*Stipa spartea*	Porcupine Grass
				Solidago nemoralis	Gray Goldenrod	*Sporobolis heterolepis*	Prairie Dropseed
				Apocynum androsaemifolium	Spreading Dogbane	*Andropogon gerardii*	Big Bluestem
				Solidago speciosa	Showy Goldenrod		
				Amorpha fruticosa	False Indigo		
				Hypericum perforatum	Common St. John's-wort		
				Campanula sp.	Harebell		

Area 32-28-20-20

Dry, Bedrock Bluff Prairie			**Rank:** C (poss B)	**MCBS site:**	23	**MCBS credit:** J. C. Almendinger, M. J. Scanlon	**DNR Rare Features** Bedrock Bluff Dry Prairie
Canopy		**Shrub**		**Forbs**		**Graminoids**	
	Rosa arkansana	Prairie Rose		*Ambrosia artemisiifolia*	Common Ragweed	*Poa compressa*	Canada Bluegrass
	Rhus glabra	Smooth Sumac		*Anaphalis margaritacea*	Pearly Everlasting	*Schizachyrium scoparium*	Little Bluestem
	Rhus radicans	Poison Ivy		*Liatris punctata*	Dotted Blazing Star	*Poa sp.*	grass
	Prunus pumila	Sand-Cherry		*Achillea millefolium*	Yarrow	*Sorghastrum nutans*	Indian Grass
				Aster oblongifolius	Aromatic Aster	*Stipa spartea*	Porcupine Grass
				Solidago nemoralis	Gray Goldenrod	*Sporobolis heterolepis*	Prairie Dropseed
				Apocynum androsaemifolium	Spreading Dogbane	*Andropogon gerardii*	Big Bluestem
				Solidago speciosa	Showy Goldenrod		
				Amorpha fruticosa	False Indigo		
				Hypericum perforatum	Common St. John's-wort		
				Campanula sp.	Harebell		

Area 32-28-20-22

Red Pine Plantation			**Rank:** NR	**MCBS site:**	NA	**MCBS credit:** NA	**DNR Rare Features** NA
Canopy		**Shrub**		**Forbs**		**Graminoids**	
Pinus resinosa	Red pine						

Section 33

Area 33-28-20-01

Mesic Oak Forest | **Rank:** C | **MCBS site:** 22 (eliminated) | **MCBS JAC credit:** | **DNR Rare Features** NA

Canopy

Quercus rubra	Red Oak
Quercus alba	White Oak
Populus grandidentata	Big-Toothed Aspen
Juglans cinerea	Butternut
Acer rubrum	Red Maple
Ulmus americana	American Elm

Shrub

Rhamnus cathartica	European Buckthorn
Prunus serotina	Black Cherry
Quercus rubra	Red Oak
Rubus strigosus	Wild Raspberry
Rubus allegheniensis	Black Berry
Acer rubrum	Red Maple
Cornus racemosa	Northern swamp-dogwood
Rhus glabra	Smooth Sumac

Climbers

Vitis riparia	Wild Grape

Forbs

Osmorhiza claytonii	Sweet Cicely
Arisaema triphyllum	Jack in the Pulpit
Smilacina racemosa	False Solomon's Seal
Geranium maculatum	Wild Geranium
Eupatorium rugosum	White Snake root
Epilobium coloratum	Purple-Leaved Willow-Herb
Athyrium angustum	Lady Fern
Geum aleppicum	Yellow Avens

Graminoids

Area 33-28-20-02

Mesic Oak Forest | **Rank:** BC | **MCBS site:** 22 (eliminated) | **MCBS JAC credit:** | **DNR Rare Features** NA

Canopy

Acer negundo	Boxelder
Prunus serotina	Black Cherry
Quercus alba	White Oak
Acer rubrum	Red Maple
Populus grandidentata	Big-Toothed Aspen
Ulmus americana	American Elm
Quercus rubra	Red Oak
Tilia americana	Basswood

Shrub

Rhamnus cathartica	European Buckthorn
Ribes cynosbati	Prickly Gooseberry

Climbers

Parthenocissus inserta	Virginia Creeper

Forbs

Adiantum pedatum	Maidenhair Fern
Osmorhiza claytonii	Sweet Cicely
Athyrium angustum	Lady Fern
Geum aleppicum	Yellow Avens
Smilax ecirrata	Greenbrier
Sanicula marilandica	Black Snakeroot
Eupatorium rugosum	White Snake root
Galium triflorum	Sweet Scented Bedstraw
Aralia racemosa	Spikenard
Uvularia grandiflora	Largeflower Bellwort
Geranium maculatum	Wild Geranium

Graminoids

Area 33-28-20-03

Mesic Oak Forest | **Rank:** D | **MCBS site:** NA | **MCBS NA credit:** | **DNR Rare Features** NA

Canopy

Populus tremuloides	Quaking Aspen
Quercus ellipsoidalis	Northern Pin Oak
Quercus rubra	Red Oak

Shrub

Rhamnus cathartica	European Buckthorn
Populus tremuloides	Quaking Aspen
Rhus radicans	Poison Ivy

Forbs

Desmodium glutinosum	Pointed-leaved tick-trefoil
Smilax ecirrata	Greenbrier
Maianthemum canadense	Canada Mayflower

Graminoids

Ulmus americana	American Elm
Quercus macrocarpa	Bur Oak
Acer rubrum	Red Maple

Area 33-28-20-04

Mesic Oak Forest **Rank:** C **MCBS site:** 21 **MCBS credit:** J. C. Almendinger **DNR Rare Features:** NA

Canopy		Shrub		Forbs		Graminoids	
Tilia americana	Basswood	*Rhamnus cathartica*	European Buckthorn	*Adiantum pedatum*	Maidenhair Fern	*Leersia oryzoides*	Rice Cut Grass
Quercus macrocarpa	Bur Oak	*Rubus strigosus*	Wild Raspberry	*Athyrium angustum*	Lady Fern		
Carya cordiformis	Bitternut Hickory	*Prunus serotina*	Black Cherry	*Geum aleppicum*	Yellow Avens		
Quercus rubra	Red Oak	*Ribes cynosbati*	Prickly Gooseberry				
Juglans cinerea	Butternut	*Sambucus canadensis*	Common Elder				
Ulmus americana	American Elm						
		Climbers					
		Parthenocissus inserta	Virginia Creeper				

Area 33-28-20-05

Red Pine Plantation **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features:** NA

Canopy		Shrub		Forbs		Graminoids
Pinus resinosa	Red pine	*Rhamnus cathartica*	European Buckthorn	*Solidago canadensis*	Canada Goldenrod	
Populus deltoides	Cottonwood	*Rhus glabra*	Smooth Sumac	*Aster sp.*	A species of aster	
Ulmus americana	American Elm	*Cornus alternifolia*	Pagoda Dogwood	*Hypericum perforatum*	Common St. John's-wort	
		Rubus allegheniensis	Black Berry	*Solidago nemoralis*	Gray Goldenrod	
		Acer negundo	Boxelder	*Eupatorium rugosum*	White Snake root	
		Climbers				
		Parthenocissus inserta	Virginia Creeper			

Area 33-28-20-06

Deciduous Forest **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features:** NA

Canopy		Shrub		Forbs		Graminoids	
Acer negundo	Boxelder	*Rubus sp.*	Bramble	*Solidago canadensis*	Canada Goldenrod	*Poa sp.*	grass
		Rhamnus cathartica	European Buckthorn	*Fragaria virginiana*	Common Strawberry		
		Rhus glabra	Smooth Sumac	*Sempervivum tectorum*	Hens and Chicks		
		Lonicera tatarica	Tartarian Honeysuckle				
		Acer negundo	Boxelder				
		Cornus racemosa	Northern swamp-dogwood				

Prunus pensylvanica	Pin Cherry
Juniperus virginiana	Red Cedar

Area 33-28-20-07

Conifer Plantation **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Pinus resinosa	Red pine	*Lonicera tatarica*	Tartarian Honeysuckle	*Aralia nudicaulis*	Wild Sarsaparilla		
Pinus banksiana	Jack pine	*Rhamnus cathartica*	European Buckthorn				
		Prunus serotina	Black Cherry				
		Zanthoxylum americanum	Prickly Ash				
		Sambucus racemosa	Red-Berried Elder				
		Quercus rubra	Red Oak				

Area 33-28-20-08

Oak Forest **Rank:** CD **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Quercus macrocarpa	Bur Oak	*Rhamnus cathartica*	European Buckthorn	*Geum aleppicum*	Yellow Avens		
Quercus rubra	Red Oak	*Lonicera tatarica*	Tartarian Honeysuckle	*Streptopus roseus*	Rose Twisted Stalk		
Prunus serotina	Black Cherry	*Ribes cynosbati*	Prickly Gooseberry	*Desmodium glutinosum*	Pointed-leaved tick-trefoil		
Populus grandidentata	Big-Toothed Aspen	*Viburnum lentago*	Sweet Viburnum	*Fragaria virginiana*	Common Strawberry		
Celtis occidentalis	Hackberry	*Prunus serotina*	Black Cherry				
Acer negundo	Boxelder						
Ulmus americana	American Elm	**Climbers**					
Juglans cinerea	Butternut	*Vitis riparia*	Wild Grape				

Area 33-28-20-09

Aspen Forest **Rank:** D **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Quercus ellipsoidalis	Northern Pin Oak	*Rhamnus cathartica*	European Buckthorn	*Desmodium glutinosum*	Pointed-leaved tick-trefoil	*Carex pensylvanica*	Pennsylvania Sedge
Populus tremuloides	Quaking Aspen	*Lonicera tatarica*	Tartarian Honeysuckle				
Prunus serotina	Black Cherry	*Rhus glabra*	Smooth Sumac				
Populus deltoides	Cottonwood	*Zanthoxylum americanum*	Prickly Ash				
Juniperus virginiana	Red Cedar	*Prunus serotina*	Black Cherry				
Fraxinus pennsylvanica	Green Ash	*Cornus rugosa*	Round Leaved Dogwood				
Quercus macrocarpa	Bur Oak						

Area 33-28-20-10

Lowland Hardwood Forest | **Rank:** D | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Tilia americana	Basswood	*Rhamnus cathartica*	European Buckthorn	*Solidago canadensis*	Canada Goldenrod	*Poa sp.*	grass
Populus deltoides	Cottonwood	*Lonicera tatarica*	Tartarian Honeysuckle	*Phlox paniculata*	Perennial Phlox	*Leersia oryzoides*	Rice Cut Grass
Salix nigra	Black Willow			*Hemerocallis fulva*	Day Lily		
Betula papyrifera	Paper Bark Birch						

Area 33-28-20-11

Mesic Oak Forest | **Rank:** CD | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs	Graminoids
Quercus rubra	Red Oak	*Rhamnus cathartica*	European Buckthorn		
Populus grandidentata	Big-Toothed Aspen				
Juglans cinerea	Butternut				
Ulmus americana	American Elm				
Quercus macrocarpa	Bur Oak				

Area 33-28-20-12

Mesic Oak Forest | **Rank:** CD | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs	Graminoids
Quercus rubra	Red Oak	*Rhamnus cathartica*	European Buckthorn	*none*	
Quercus macrocarpa	Bur Oak	*Prunus serotina*	Black Cherry		
Quercus ellipsoidalis	Northern Pin Oak				
Populus grandidentata	Big-Toothed Aspen				
Populus tremuloides	Quaking Aspen				

Area 33-28-20-13

Oak Savanna | **Rank:** CD | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Quercus macrocarpa	Bur Oak	*Ulmus americana*	American Elm	*Solidago gigantea*	Giant Goldenrod	*Poa pratensis*	Kentucky bluegrass
		Rhamnus cathartica	European Buckthorn	*Verbascum thapsus*	Common Mullein	*Phleum pratense*	Timothy
		Juniperus virginiana	Red Cedar	*Trifolium repens*	White Clover		
		Salix sp.	Willow	*Aster sp.*	A species of aster		
				Cerastium sp.	Chickweed		
				Solidago speciosa	Showy Goldenrod		

				Ambrosia trifida	Giant Ragweed		

Area 33-28-20-14

Wet Meadow **Rank:** CD **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub		Forbs		Graminoids	
Salix nigra	Black Willow	*Populus deltoides*	Cottonwood	*Cerastium sp.*	Chickweed	*Scirpus atrovirens*	Green Bulrush
		Rubus strigosus	Wild Raspberry	*Rumex orbiculatus*	Water Dock	*Schizachyrium scoparium*	Little Bluestem
		Populus tremuloides	Quaking Aspen	*Solidago speciosa*	Showy Goldenrod	*Panicum virgatum*	Switchgrass
				Helianthus grosseserratus	Saw toothed Sunflower	*Typha angustifolia*	Narrow-leaved cattail
				Solidago gigantea	Giant Goldenrod	*Phalaris arundinacea*	Reed Canary Grass
				Aster sp.	A species of aster		
				Verbascum thapsus	Common Mullein		
				Cirsium sp.	Thistle		
				Trifolium repens	White Clover		
				Taraxacum officinale	Dandelion		
				Arctium minus	Common Burdock		

Area 33-28-20-15

Red Pine Plantation **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub	Forbs	Graminoids
Pinus resinosa	Red pine			

Area 33-28-20-16

Red Pine Plantation **Rank:** NR **MCBS site:** NA **MCBS credit:** NA **DNR Rare Features** NA

Canopy		Shrub	Forbs	Graminoids
Pinus resinosa	Red pine			

Section 34

Area 34-28-20-01

Oak Woodland | **Rank:** CD | **MCBS site:** NA | **MCBS credit:** NA | **DNR Rare Features** NA

Canopy	Shrub		Forbs	Graminoids
Quercus macro Bur Oak	*Rhamnus cathartica*	European Buckthorn		
Populus tremul Quaking Aspen	*Zanthoxylum americanum*	Prickly Ash		
Populus grandi Big-Toothed Aspen				
Juniperus virgi Red Cedar	**Climbers**			
Prunus serotin Black Cherry	*Vitis riparia*	Wild Grape		