

Site:	Ely rd btwn 120th & 140th								
Locale:	Johnson County Ely Rd								
Date:	20-Sep	2002	2 hours						
	6-Sep	2002	2 hours						
	1-Sep	2002	4 hours						
By:	Taliga & Wilhelm								
File:	c:\FQA\studies\johnson co rd inv\Big Grove Twp\Ely rd John Co..inv								
Notes:	Cross meander inventory on East side of roadway.								
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FLORISTIC QUALITY DATA				Native	85	91.40%	Adventive	8	8.60%
	85	NATIVE SPECIES		Tree	3	3.20%	Tree	0	0.00%
	93	Total Species		Shrub	7	7.50%	Shrub	0	0.00%
	3.1	NATIVE MEAN C		W-Vine	2	2.20%	W-Vine	0	0.00%
	2.8	W/Adventives		H-Vine	0	0.00%	H-Vine	0	0.00%
	28.4	NATIVE FQI		P-Forb	42	45.20%	P-Forb	0	0.00%
	27.2	W/Adventives		B-Forb	5	5.40%	B-Forb	2	2.20%
	0.6	NATIVE MEAN W		A-Forb	11	11.80%	A-Forb	0	0.00%
	0.7	W/Adventives		P-Grass	7	7.50%	P-Grass	4	4.30%
AVG:	Faculative (-)			A-Grass	1	1.10%	A-Grass	2	2.20%
				P-Sedge	7	7.50%	P-Sedge	0	0.00%
				A-Sedge	0	0.00%	A-Sedge	0	0.00%
				Fern	0	0.00%			
ACRONYM C	SCIENTIFIC NAME			W	WETNESS	PHYSIOGN	COMMON NAME		
ACARHO	6	Acalypha rhomboidea		3	FACU	Nt A-Forb	Three-seeded mercury		
ACHMIL	0	Achillea millefolium ssp. lanulosa		3	FACU	Nt P-Forb	Western yarrow		
AGAPUR	8	Agalinis purpurea		-3	FACW	Nt A-Forb	False foxglove		
AGATEN	4	Agalinis tenuifolia		-3	FACW	Nt A-Forb	Slender false foxglove		
AGRHYE	4	Agrostis hyemalis		1	FAC-	Nt P-Grass	Tickle grass		
AMBART	0	Ambrosia artemisiifolia		3	FACU	Nt A-Forb	Common ragweed		
AMBTRI	0	Ambrosia trifida		-1	FAC+	Nt A-Forb	Giant ragweed		
ANDGER	4	Andropogon gerardii		1	FAC-	Nt P-Grass	Big bluestem grass		
ANECAN	2	Anemone canadensis		-3	FACW	Nt P-Forb	Canada anemone		

APOSIB	1	Apocynum sibiricum	-1	FAC+	Nt P-Forb	Indian hemp		
ASCHIR	5	Asclepias hirtella	5	UPL	Nt P-Forb	Tall green milkweed		
ASCVER	0	Asclepias verticillata	5	UPL	Nt P-Forb	Whorled milkweed		
ASTERI	3	Aster ericoides	4	FACU-	Nt P-Forb	Heath aster		
ASTPIL	0	Aster pilosus	4	FACU-	Nt P-Forb	Hairy aster		
ASTPRE	7	Aster prenanthoides	-5	OBL	Nt P-Forb	Crooked aster		
BAPLAC	6	Baptisia lactea	3	FACU	Nt P-Forb	White wild indigo		
BIDARI	3	Bidens aristosa	-3	FACW	Nt A-Forb	Swamp marigold		
BIDPOL	3	Bidens polylepis	-3	FACW	Nt A-Forb	Bur marigold		
BOLAST	5	Boltonia asteroides	-3	FACW	Nt P-Forb	False aster		
BROINE	0	BROMUS INERMIS	5	UPL	Ad P-Grass	Smooth brome		
CXMOLE	2	Carex molesta	0	FAC	Nt P-Sedge	Field oval sedge		
CXPELL	4	Carex pellita	-5	OBL	Nt P-Sedge	Broad-leaved woolly sedge		
CXVULP	3	Carex vulpinoidea	-5	OBL	Nt P-Sedge	Brown fox sedge		
CIRDIS	1	Cirsium discolor	5	UPL	Nt B-Forb	Pasture thistle		
CONCAN	0	Conyza canadensis	1	FAC-	Nt A-Forb	Horseweed		
CORDRU	4	Cornus drummondii	0	FAC	Nt Shrub	Rough-leaved dogwood		
CYPSTR	2	Cyperus strigosus	-3	FACW	Nt P-Sedge	Long-scaled nut sedge		
ECHPAL	7	Echinacea pallida	5	UPL	Nt P-Forb	Pale coneflower		
ELETEN	8	Eleocharis tenuis	-3	FACW	Nt P-Sedge	Slender spike rush		
ERASPE	2	Eragrostis spectabilis	5	UPL	Nt P-Grass	Purple love grass		
ERIANN	0	Erigeron annuus	1	FAC-	Nt B-Forb	Annual fleabane		
EUPALT	2	Eupatorium altissimum	3	FACU	Nt P-Forb	Tall boneset		
EUPSER	2	Eupatorium serotinum	-1	FAC+	Nt P-Forb	Late boneset		
EUTGRG	4	Euthamia graminifolia	-2	FACW-	Nt P-Forb	Grass-leaved goldenrod		
FRAVIR	3	Fragaria virginiana	1	FAC-	Nt P-Forb	Wild strawberry		
FRAPEL	1	Fraxinus pennsylvanica var. lanceolata	-3	FACW	Nt Tree	Green ash		
GNAOBT	1	Gnaphalium obtusifolium	5	UPL	Nt B-Forb	Old field balsam		
HELGRO	4	Helianthus grosseserratus	-2	FACW-	Nt P-Forb	Saw-tooth sunflower		
HELRIE	8	Helianthus rigidus	5	UPL	Nt P-Forb	Prairie sunflower		
HELTUB	0	Helianthus tuberosus	0	FAC	Nt P-Forb	Jerusalem artichoke		
JUNDUD	2	Juncus dudleyi	0	FAC	Nt P-Forb	Dudley's rush		
LACCAN	1	Lactuca canadensis	2	FACU+	Nt B-Forb	Wild lettuce		
LEPCOG	5	Leptoloma cognatum	5	UPL	Nt P-Grass	Fall witch grass		
LESCAP	3	Lespedeza capitata	3	FACU	Nt P-Forb	Round-headed bush clover		
LOBSIP	3	Lobelia siphilitica	-4	FACW+	Nt P-Forb	Great blue lobelia		
LOBSPI	6	Lobelia spicata	0	FAC	Nt P-Forb	Spiked lobelia		
LUDALT	4	Ludwigia alternifolia	-5	OBL	Nt P-Forb	Seedbox		
LYCAME	4	Lycopus americanus	-5	OBL	Nt P-Forb	Common water horehound		
MONFIS	2	Monarda fistulosa	3	FACU	Nt P-Forb	Wild bergamot		
OENBIE	0	Oenothera biennis	3	FACU	Nt B-Forb	Common evening primrose		
PANIMP	3	Panicum implicatum	1	FAC-	Nt P-Grass	Old field panic grass		

PANOLS	5	<i>Panicum oligosanthes</i> var. <i>scribnerianum</i>	3	FACU	Nt P-Grass	Scribner's panic grass		
PANVIR	5	<i>Panicum virgatum</i>	-1	FAC+	Nt A-Grass	Switch grass		
PASSAT	0	PASTINACA SATIVA	5	UPL	Ad B-Forb	Wild parsnip		
PHAARU	0	PHALARIS ARUNDINACEA	-4	FACW+	Ad P-Grass	Reed canary grass		
PHLPIL	7	<i>Phlox pilosa</i>	1	FAC-	Nt P-Forb	Prairie phlox		
PLARUG	0	<i>Plantago rugelii</i>	0	FAC	Nt A-Forb	Red-stalked plantain		
POACOM	0	POA COMPRESSA	2	FACU+	Ad P-Grass	Canadian blue grass		
POAPRA	0	POA PRATENSIS	1	FAC-	Ad P-Grass	Kentucky blue grass		
POLVER	7	<i>Polygala verticillata</i>	5	UPL	Nt A-Forb	Whorled milkwort		
POLBIF	4	<i>Polygonatum biflorum</i>	3	FACU	Nt P-Forb	Solomon's seal		
POPDEL	1	<i>Populus deltoides</i>	-1	FAC+	Nt Tree	Cottonwood		
POTARU	8	<i>Potentilla arguta</i>	4	FACU-	Nt P-Forb	Prairie cinquefoil		
POTSIM	3	<i>Potentilla simplex</i>	4	FACU-	Nt P-Forb	Common cinquefoil		
PRUVUL	0	<i>Prunella vulgaris</i> var. <i>lanceolata</i>	0	FAC	Nt P-Forb	Self heal		
PYCTEN	6	<i>Pycnanthemum tenuifolium</i>	0	FAC	Nt P-Forb	Slender mountain mint		
RATPIN	4	<i>Ratibida pinnata</i>	5	UPL	Nt P-Forb	Gray-headed coneflower		
RHUGLA	0	<i>Rhus glabra</i>	5	UPL	Nt Shrub	Smooth sumac		
ROSARS	4	<i>Rosa arkansana</i> var. <i>suffulta</i>	5	UPL	Nt Shrub	Sunshine rose		
ROSCAR	4	<i>Rosa carolina</i>	4	FACU-	Nt Shrub	Pasture rose		
RUBOCC	1	<i>Rubus occidentalis</i>	5	UPL	Nt Shrub	Black raspberry		
RUDHIR	2	<i>Rudbeckia hirta</i>	3	FACU	Nt P-Forb	Black-eyed Susan		
SALERI	3	<i>Salix eriocephala</i>	-4	FACW+	Nt Shrub	Heart-leaved willow		
SALNIG	3	<i>Salix nigra</i>	-5	OBL	Nt Tree	Black willow		
SAMCAN	1	<i>Sambucus canadensis</i>	4	FACU-	Nt Shrub	Elderberry		
SCIPEN	1	<i>Scirpus pendulus</i>	-5	OBL	Nt P-Sedge	Red bulrush		
SCLTRI	5	<i>Scleria triglomerata</i>	0	FAC	Nt P-Sedge	Tall nut rush		
SEMPAU	5	<i>Senecio pauperculus</i>	-1	FAC+	Nt P-Forb	Prairie ragwort		
SETFAB	0	SETARIA FABERII	2	FACU+	Ad A-Grass	Giant foxtail		
SETGLA	0	SETARIA GLAUCA	0	FAC	Ad A-Grass	Yellow foxtail		
SOLCAN	0	<i>Solidago canadensis</i>	3	FACU	Nt P-Forb	Tall goldenrod		
SOLGIG	3	<i>Solidago gigantea</i>	-3	FACW	Nt P-Forb	Smooth goldenrod		
SPILAC	4	<i>Spiranthes lacera</i>	-1	FAC+	Nt P-Forb	Slender ladies' tresses		
SPOASP	3	<i>Sporobolus asper</i>	5	UPL	Nt P-Grass	Rough dropseed		
TOMAU	5	<i>Tomanthera auriculata</i>	5	UPL	Nt A-Forb	Eared false foxglove		
TOXRAD	0	<i>Toxicodendron radicans</i>	-1	FAC+	Nt W-Vine	Poison ivy		
TRAOHI	4	<i>Tradescantia ohiensis</i>	2	FACU+	Nt P-Forb	Common spiderwort		
TYPLAT	1	<i>Typha latifolia</i>	-5	OBL	Nt P-Forb	Broad-leaved cattail		
URTDIO	0	<i>Urtica dioica</i>	-1	FAC+	Nt P-Forb	Stinging nettle		
VERTHA	0	VERBASCUM THAPSUS	5	UPL	Ad B-Forb	Common mullein		
VERHAS	3	<i>Verbena hastata</i>	-4	FACW+	Nt P-Forb	Blue vervain		
VIOSAG	7	<i>Viola sagittata</i>	-2	FACW-	Nt P-Forb	Arrow-leaved violet		
VITRIP	1	<i>Vitis riparia</i>	-2	FACW-	Nt W-Vine	Riverbank grape		

SCIENTIFIC NAME	C			
<i>Acalypha rhomboidea</i>	6			
<i>Achillea millefolium</i> ssp. <i>lanulosa</i>	0			
<i>Agalinis purpurea</i>	8			
<i>Agalinis tenuifolia</i>	4			
<i>Agrostis hyemalis</i>	4			
<i>Ambrosia artemisiifolia</i>	0			
<i>Ambrosia trifida</i>	0			
<i>Andropogon gerardii</i>	4			
<i>Anemone canadensis</i>	2			
<i>Apocynum sibiricum</i>	1			
<i>Asclepias hirtella</i>	5			
<i>Asclepias verticillata</i>	0			
<i>Aster ericoides</i>	3			
<i>Aster pilosus</i>	0			
<i>Aster prenanthoides</i>	7			
<i>Baptisia lactea</i>	6			
<i>Bidens aristosa</i>	3			
<i>Bidens polylepis</i>	3			
<i>Boltonia asteroides</i>	5			
BROMUS INERMIS	0			
<i>Carex molesta</i>	2			
<i>Carex pellita</i>	4			
<i>Carex vulpinoidea</i>	3			
<i>Cirsium discolor</i>	1			
<i>Conyza canadensis</i>	0			
<i>Cornus drummondii</i>	4			
<i>Cyperus strigosus</i>	2			
<i>Echinacea pallida</i>	7			
<i>Eleocharis tenuis</i>	8			
<i>Eragrostis spectabilis</i>	2			
<i>Erigeron annuus</i>	0			
<i>Eupatorium altissimum</i>	2			
<i>Eupatorium serotinum</i>	2			
<i>Euthamia graminifolia</i>	4			
<i>Fragaria virginiana</i>	3			

Fraxinus pennsylvanica var. lanceolata	1			
Gnaphalium obtusifolium	1			
Helianthus grosseserratus	4			
Helianthus rigidus	8			
Helianthus tuberosus	0			
Juncus dudleyi	2			
Lactuca canadensis	1			
Leptoloma cognatum	5			
Lespedeza capitata	3			
Lobelia siphilitica	3			
Lobelia spicata	6			
Ludwigia alternifolia	4			
Lycopus americanus	4			
Monarda fistulosa	2			
Oenothera biennis	0			
Panicum implicatum	3			
Panicum oligosanthos var. scribnerianum	5			
Panicum virgatum	5			
PASTINACA SATIVA	0			
PHALARIS ARUNDINACEA	0			
Phlox pilosa	7			
Plantago rugelii	0			
POA COMPRESSA	0			
POA PRATENSIS	0			
Polygala verticillata	7			
Polygonatum biflorum	4			
Populus deltoides	1			
Potentilla arguta	8			
Potentilla simplex	3			
Prunella vulgaris var. lanceolata	0			
Pycnanthemum tenuifolium	6			
Ratibida pinnata	4			
Rhus glabra	0			
Rosa arkansana var. suffulta	4			
Rosa carolina	4			
Rubus occidentalis	1			

Rudbeckia hirta	2			
Salix eriocephala	3			
Salix nigra	3			
Sambucus canadensis	1			
Scirpus pendulus	1			
Scleria triglomerata	5			
Senecio pauperculus	5			
SETARIA FABERII	0			
SETARIA GLAUCA	0			
Solidago canadensis	0			
Solidago gigantea	3			
Spiranthes lacera	4			
Sporobolus asper	3			
Tomanthera auriculata	5			
Toxicodendron radicans	0			
Tradescantia ohimensis	4			
Typha latifolia	1			
Urtica dioica	0			
VERBASCUM THAPSUS	0			
Verbena hastata	3			
Viola sagittata	7			
Vitis riparia	1			