

Site:	180th dead end								
Locale:	180th West	dead end	Johnson County rd side						
Date:	24-May		2002	2 hours					
	25-Jun		2001	2 hours					
By:	Taliga & Leehe								
File:	c:\FQA\studies\johnson co rd inv\Big Grove Twp\180th west dead end roadside inv john co.inv								
Notes:	Meander survey mainly of South side of road.								
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Notes:	Meander survey mainly of South side of road.								
FLORISTIC QUALITY DATA			Native	88	85.40%	Adventive	15	14.60%	
88	NATIVE SPECIES		Tree	14	13.60%	Tree	1	1.00%	
103	Total Species		Shrub	7	6.80%	Shrub	2	1.90%	
3.8	NATIVE MEAN C		W-Vine	5	4.90%	W-Vine	0	0.00%	
3.2	W/Adventives		H-Vine	2	1.90%	H-Vine	0	0.00%	
35.5	NATIVE FQI		P-Forb	38	36.90%	P-Forb	4	3.90%	
32.8	W/Adventives		B-Forb	1	1.00%	B-Forb	2	1.90%	
1	NATIVE MEAN W		A-Forb	8	7.80%	A-Forb	2	1.90%	
1.2	W/Adventives		P-Grass	1	1.00%	P-Grass	4	3.90%	
AVG:	Faculative (-)		A-Grass	0	0.00%	A-Grass	0	0.00%	
			P-Sedge	9	8.70%	P-Sedge	0	0.00%	
			A-Sedge	0	0.00%	A-Sedge	0	0.00%	
			Fern	3	2.90%				
ACRONYM	C	SCIENTIFIC NAME	W	WETNESS	PHYSIOGNOMY	COMMON NAME			
ACARHO		6 <i>Acalypha rhomboidea</i>		3 FACU	Nt A-Forb	Three-seeded mercury			
ACENEG		0 <i>Acer negundo</i>		-2 FACW-	Nt Tree	Box elder			
AMBART		0 <i>Ambrosia artemisiifolia</i>		3 FACU	Nt A-Forb	Common ragweed			
AMBTRI		0 <i>Ambrosia trifida</i>		-1 FAC+	Nt A-Forb	Giant ragweed			
AMPBRB		4 <i>Amphicarpaea bracteata</i>		0 FAC	Nt H-Vine	Hog peanut			
ANECAN		2 <i>Anemone canadensis</i>		-3 FACW	Nt P-Forb	Canada anemone			
ANECYL		7 <i>Anemone cylindrica</i>		5 UPL	Nt P-Forb	Windflower			
ANETHA		7 <i>Anemonella thalictroides</i>		5 UPL	Nt P-Forb	Rue anemone			
ARITRI		4 <i>Arisaema triphyllum</i>		-2 FACW-	Nt P-Forb	Jack-in-the-pulpit			
ASCSYR		0 <i>Asclepias syriaca</i>		5 UPL	Nt P-Forb	Common milkweed			
ASTLAT		4 <i>Aster lateriflorus</i>		-2 FACW-	Nt P-Forb	Side-flowering aster			

ASTONT	3	Aster ontarionis	0	FAC	Nt P-Forb	Ontario aster		
ASTPIL	0	Aster pilosus	4	FACU-	Nt P-Forb	Hairy aster		
ASTSAG	6	Aster sagittifolius	5	UPL	Nt P-Forb	Arrow-leaved aster		
ATHFIA	7	Athyrium filix-femina var. angustum	0	FAC	Nt Fern	Northern lady fern		
BOECYC	5	Boehmeria cylindrica	-5	OBL	Nt P-Forb	Rough false nettle		
BOTVIR	6	Botrychium virginianum	3	FACU	Nt Fern	Rattlesnake fern		
BROINE	0	BROMUS INERMIS	5	UPL	Ad P-Grass	Smooth brome		
CXBLAN	2	Carex blanda	0	FAC	Nt P-Sedge	Common wood sedge		
CXEMOR	6	Carex emoryi	-5	OBL	Nt P-Sedge	Riverbank sedge		
CXFEST	8	Carex festucacea	0	FAC	Nt P-Sedge	Fescue oval sedge		
CXHIRT	6	Carex hirtifolia	5	UPL	Nt P-Sedge	Hairy wood sedge		
CXPENP	6	Carex pensylvanica	-4	FACW+	Nt P-Sedge	Pennsylvania oak sedge		
CXROSE	7	Carex rosea	5	UPL	Nt P-Sedge	Curly-styled wood sedge		
CXTENE	8	Carex tenera	-1	FAC+	Nt P-Sedge	Narrow-leaved oval sedge		
CXVULP	3	Carex vulpinoidea	-5	OBL	Nt P-Sedge	Brown fox sedge		
CARCOR	5	Carya cordiformis	0	FAC	Nt Tree	Bitternut hickory		
CAROV	5	Carya ovata	3	FACU	Nt Tree	Shagbark hickory		
CELOCC	2	Celtis occidentalis	1	FAC-	Nt Tree	Hackberry		
CIRARV	0	CIRSIUM ARVENSE	3	FACU	Ad P-Forb	Field thistle		
CLAVIR	4	Claytonia virginica	3	FACU	Nt P-Forb	Spring beauty		
CONCAN	0	Conyza canadensis	1	FAC-	Nt A-Forb	Horseweed		
CORALT	8	Cornus alternifolia	5	UPL	Nt Tree	Alternate-leaved dogwood		
CORAME	3	Corylus americana	0	FAC	Nt Shrub	American hazelnut		
CRYCAN	4	Cryptotaenia canadensis	0	FAC	Nt P-Forb	Honewort		
DACGLO	0	DACTYLIS GLOMERATA	3	FACU	Ad P-Grass	Orchard grass		
DICCUC	7	Dicentra cucullaria	5	UPL	Nt P-Forb	Dutchman's breeches		
EQUARV	0	Equisetum arvense	0	FAC	Nt Fern	Common horsetail		
EUOATR	7	Euonymus atropurpureus	1	FAC-	Nt Shrub	Wahoo		
EUPMAM	5	Eupatorium maculatum	-5	OBL	Nt P-Forb	Spotted Joe Pye weed		
FESOB	7	Festuca obtusa	2	FACU+	Nt P-Grass	Nodding fescue		
FESPR	0	FESTUCA PRATENSIS	4	FACU-	Ad P-Grass	Meadow fescue		
FRAVIR	3	Fragaria virginiana	1	FAC-	Nt P-Forb	Wild strawberry		
FRAPEP	3	Fraxinus pennsylvanica	-3	FACW	Nt Tree	Red ash		
GALAPA	1	Galium aparine	3	FACU	Nt A-Forb	Cleavers		
GALCON	7	Galium concinnum	3	FACU	Nt P-Forb	Shining bedstraw		
GALTRO	7	Galium triflorum	2	FACU+	Nt P-Forb	Sweet-scented bedstraw		
GERMAC	6	Geranium maculatum	3	FACU	Nt P-Forb	Wild geranium		
HELTUB	0	Helianthus tuberosus	0	FAC	Nt P-Forb	Jerusalem artichoke		
IMPCAP	3	Impatiens capensis	-3	FACW	Nt A-Forb	Spotted touch-me-not		
JUGCIN	6	Juglans cinerea	2	FACU+	Nt Tree	Butternut		
JUGNIG	4	Juglans nigra	3	FACU	Nt Tree	Black walnut		
LACFLO	4	Lactuca floridana	1	FAC-	Nt B-Forb	Blue lettuce		

LONPRO	7	Lonicera prolifera	5	UPL	Nt W-Vine	Wild honeysuckle		
LONBEL	0	LONICERA X BELLA	5	UPL	Ad Shrub	Showy fly honeysuckle		
MATMAR	0	MATRICARIA MARITIMA	0	FAC	Ad A-Forb	Scentless chamomile		
MEDLUP	0	MEDICAGO LUPULINA	1	FAC-	Ad A-Forb	Black medick		
MELOFC	0	MELILOTUS OFFICINALIS	3	FACU	Ad B-Forb	Yellow sweet clover		
MORALB	0	MORUS ALBA	0	FAC	Ad Tree	White mulberry		
OSMLON	5	Osmorhiza longistylis	4	FACU-	Nt P-Forb	Smooth sweet cicely		
OXASTR	0	Oxalis stricta	3	FACU	Nt P-Forb	Tall wood sorrel		
PARQUI	2	Parthenocissus quinquefolia	1	FAC-	Nt W-Vine	Virginia creeper		
PASSAT	0	PASTINACA SATIVA	5	UPL	Ad B-Forb	Wild parsnip		
PHAARU	0	PHALARIS ARUNDINACEA	-4	FACW+	Ad P-Grass	Reed canary grass		
PHLDIV	5	Phlox divaricata	3	FACU	Nt P-Forb	Woodland phlox		
PHYAME	0	Phytolacca americana	1	FAC-	Nt P-Forb	Pokeweed		
PLARUG	0	Plantago rugelii	0	FAC	Nt A-Forb	Red-stalked plantain		
PODPEL	4	Podophyllum peltatum	3	FACU	Nt P-Forb	May apple		
POLREP	6	Polemonium reptans	0	FAC	Nt P-Forb	Jacob's ladder		
POLBIF	4	Polygonatum biflorum	3	FACU	Nt P-Forb	Solomon's seal		
POLVIG	5	Polygonum virginianum	0	FAC	Nt P-Forb	Jumpseed		
POPDEL	1	Populus deltoides	-1	FAC+	Nt Tree	Cottonwood		
POPTRE	2	Populus tremuloides	0	FAC	Nt Tree	Quaking aspen		
PREALB	7	Prenanthes alba	3	FACU	Nt P-Forb	White lettuce		
PRUSER	3	Prunus serotina	3	FACU	Nt Tree	Wild black cherry		
PRUVIR	2	Prunus virginiana	1	FAC-	Nt Shrub	Choke cherry		
QUERUB	6	Quercus rubra	3	FACU	Nt Tree	Northern red oak		
QUEVEL	4	Quercus velutina	5	UPL	Nt Tree	Black oak		
RANABO	0	Ranunculus abortivus	-4	FACW+	Nt A-Forb	Small-flowered crowfoot		
RANSES	6	Ranunculus septentrionalis	-4	FACW+	Nt P-Forb	Swamp buttercup		
RIBMIS	3	Ribes missouriense	5	UPL	Nt Shrub	Wild gooseberry		
ROSMUL	0	ROSA MULTIFLORA	3	FACU	Ad Shrub	Multiflora rose		
RUBALL	2	Rubus allegheniensis	2	FACU+	Nt Shrub	Common blackberry		
RUBOCC	1	Rubus occidentalis	5	UPL	Nt Shrub	Black raspberry		
RUMCRI	0	RUMEX CRISPUS	-1	FAC+	Ad P-Forb	Curly dock		
SAMCAN	1	Sambucus canadensis	4	FACU-	Nt Shrub	Elderberry		
SANGRE	5	Sanicula gregaria	-1	FAC+	Nt P-Forb	Common snakeroot		
SCIATR	1	Scirpus atrovirens	-5	OBL	Nt P-Sedge	Dark green rush		
SMIRAC	4	Smilacina racemosa	3	FACU	Nt P-Forb	False Solomon's seal		
SMISTE	5	Smilacina stellata	1	FAC-	Nt P-Forb	Starry false Solomon's seal		
SMIHIS	4	Smilax hispida	0	FAC	Nt W-Vine	Greenbrier		
SMILAS	5	Smilax lasioneura	0	FAC	Nt H-Vine	Common carrion flower		
SOLCAN	0	Solidago canadensis	3	FACU	Nt P-Forb	Tall goldenrod		
TAROFF	0	TARAXACUM OFFICINALE	3	FACU	Ad P-Forb	Common dandelion		
THADAD	4	Thalictrum dasycarpum	-2	FACW-	Nt P-Forb	Purple meadow rue		

TOXRAD	0	Toxicodendron radicans	-1	FAC+	Nt W-Vine	Poison ivy			
TRIPRA	0	TRIFOLIUM PRATENSE	2	FACU+	Ad P-Forb	Red clover			
ULMRUB	2	Ulmus rubra	0	FAC	Nt Tree	Slippery elm			
UVUGRA	7	Uvularia grandiflora	5	UPL	Nt P-Forb	Bellwort			
VERVIM	5	Veronicastrum virginicum	0	FAC	Nt P-Forb	Culver's root			
VIOPUP	5	Viola pubescens	4	FACU-	Nt P-Forb	Downy yellow violet			
VIOSOR	1	Viola sororia	1	FAC-	Nt P-Forb	Hairy blue violet			
VITRIP	1	Vitis riparia	-2	FACW-	Nt W-Vine	Riverbank grape			

SCIENTIFIC NAME	C			
<i>Acalypha rhomboidea</i>	6			
<i>Acer negundo</i>	0			
<i>Ambrosia artemisiifolia</i>	0			
<i>Ambrosia trifida</i>	0			
<i>Amphicarpaea bracteata</i>	4			
<i>Anemone canadensis</i>	2			
<i>Anemone cylindrica</i>	7			
<i>Anemonella thalictroides</i>	7			
<i>Arisaema triphyllum</i>	4			
<i>Asclepias syriaca</i>	0			
<i>Aster lateriflorus</i>	4			
<i>Aster ontarionis</i>	3			
<i>Aster pilosus</i>	0			
<i>Aster sagittifolius</i>	6			
<i>Athyrium filix-femina</i> var. <i>angustum</i>	7			
<i>Boehmeria cylindrica</i>	5			
<i>Botrychium virginianum</i>	6			
BROMUS INERMIS	0			
<i>Carex blanda</i>	2			
<i>Carex emoryi</i>	6			
<i>Carex festucacea</i>	8			
<i>Carex hirtifolia</i>	6			
<i>Carex pensylvanica</i>	6			
<i>Carex rosea</i>	7			
<i>Carex tenera</i>	8			
<i>Carex vulpinoidea</i>	3			
<i>Carya cordiformis</i>	5			
<i>Carya ovata</i>	5			
<i>Celtis occidentalis</i>	2			
CIRSIUM ARVENSE	0			
<i>Claytonia virginica</i>	4			
<i>Conyza canadensis</i>	0			
<i>Cornus alternifolia</i>	8			
<i>Corylus americana</i>	3			
<i>Cryptotaenia canadensis</i>	4			

DACTYLIS GLOMERATA	0			
Dicentra cucullaria	7			
Equisetum arvense	0			
Euonymus atropurpureus	7			
Eupatorium maculatum	5			
Festuca obtusa	7			
FESTUCA PRATENSIS	0			
Fragaria virginiana	3			
Fraxinus pennsylvanica	3			
Galium aparine	1			
Galium concinnum	7			
Galium triflorum	7			
Geranium maculatum	6			
Helianthus tuberosus	0			
Impatiens capensis	3			
Juglans cinerea	6			
Juglans nigra	4			
Lactuca floridana	4			
Lonicera prolifera	7			
LONICERA X BELLA	0			
MATRICARIA MARITIMA	0			
MEDICAGO LUPULINA	0			
MELILOTUS OFFICINALIS	0			
MORUS ALBA	0			
Osmorhiza longistylis	5			
Oxalis stricta	0			
Parthenocissus quinquefolia	2			
PASTINACA SATIVA	0			
PHALARIS ARUNDINACEA	0			
Phlox divaricata	5			
Phytolacca americana	0			
Plantago rugelii	0			
Podophyllum peltatum	4			
Polemonium reptans	6			
Polygonatum biflorum	4			
Polygonum virginianum	5			

Populus deltoides	1			
Populus tremuloides	2			
Prenanthes alba	7			
Prunus serotina	3			
Prunus virginiana	2			
Quercus rubra	6			
Quercus velutina	4			
Ranunculus abortivus	0			
Ranunculus septentrionalis	6			
Ribes missouriense	3			
ROSA MULTIFLORA	0			
Rubus allegheniensis	2			
Rubus occidentalis	1			
RUMEX CRISPUS	0			
Sambucus canadensis	1			
Sanicula gregaria	5			
Scirpus atrovirens	1			
Smilacina racemosa	4			
Smilacina stellata	5			
Smilax hispida	4			
Smilax lasioneura	5			
Solidago canadensis	0			
TARAXACUM OFFICINALE	0			
Thalictrum dasycarpum	4			
Toxicodendron radicans	0			
TRIFOLIUM PRATENSE	0			
Ulmus rubra	2			
Uvularia grandiflora	7			
Veronicastrum virginicum	5			
Viola pubescens	5			
Viola sororia	1			
Vitis riparia	1			