

Site:	580th road btwn Utah & Sioux								
Locale:	Pleasant Valley Township John. Co								
Date:	Jun 22, 2011	2002	2 hours						
	Aug 17, 2011	2002	8 hours						
	Jul 5, 2011	2002	4 hours						
By:	Taliga								
File:	c:\FQA\studies\johnson co rd inv\Pleasant Valley Twp\580th rd btwn utah and sioux.inv								
Notes:	Meander survey is referred to as Carex stricta (identificatio			knowing that it could also be Carex haydinii.					
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FLORISTIC QUALITY DATA				Native	100	76.30%	Adventive	31	23.70%
100 NATIVE SPECIES				Tree	10	7.60%	Tree	2	1.50%
131 Total Species				Shrub	9	6.90%	Shrub	2	1.50%
2.7 NATIVE MEAN C				W-Vine	3	2.30%	W-Vine	0	0.00%
2.1 W/Adventives				H-Vine	1	0.80%	H-Vine	0	0.00%
27.0 NATIVE FQI				P-Forb	37	28.20%	P-Forb	7	5.30%
23.6 W/Adventives				B-Forb	3	2.30%	B-Forb	5	3.80%
-1.0 NATIVE MEAN W				A-Forb	13	9.90%	A-Forb	4	3.10%
-0.2 W/Adventives				P-Grass	6	4.60%	P-Grass	8	6.10%
AVG:	Faculative (+)			A-Grass	2	1.50%	A-Grass	3	2.30%
				P-Sedge	14	10.70%	P-Sedge	0	0.00%
				A-Sedge	0	0.00%	A-Sedge	0	0.00%
				Fern	2	1.50%			
ACRONYM	C	SCIENTIFIC NAME	W	WETNESS	PHYSIOGNOMY	COMMON NAME			
ABUTHE		0 ABUTILON THEOPHRASTI		4 FACU-	Ad A-Forb	Buttonweed			
ACARHO		6 Acalypha rhomboidea		3 FACU	Nt A-Forb	Three-seeded mercury			
ACENEG		0 Acer negundo		-2 FACW-	Nt Tree	Box elder			
AGRRES		0 AGROPYRON REPENS		3 FACU	Ad P-Grass	Quack grass			

AGRGIG	0	AGROSTIS GIGANTEA	-3	FACW	Ad P-Grass	Redtop		
ALIPLA	3	Alisma plantago-aquatica	-5	OBL	Nt P-Forb	Water plantain		
AMBART	0	Ambrosia artemisiifolia	3	FACU	Nt A-Forb	Common ragweed		
AMBTRI	0	Ambrosia trifida	-1	FAC+	Nt A-Forb	Giant ragweed		
AMPBRB	4	Amphicarpaea bracteata	0	FAC	Nt H-Vine	Hog peanut		
ANDGER	4	Andropogon gerardii	1	FAC-	Nt P-Grass	Big bluestem grass		
APOAND	3	Apocynum androsaemifolium	5	UPL	Nt P-Forb	Spreading dogbane		
ASCINC	4	Asclepias incarnata	-5	OBL	Nt P-Forb	Swamp milkweed		
ASCSYR	0	Asclepias syriaca	5	UPL	Nt P-Forb	Common milkweed		
ASPOFF	0	ASPARAGUS OFFICINALIS	3	FACU	Ad P-Forb	Garden asparagus		
ASTERI	3	Aster ericoides	4	FACU-	Nt P-Forb	Heath aster		
ASTLAN	4	Aster lanceolatus	-5	OBL	Nt P-Forb	Panicled aster		
ASTPIL	0	Aster pilosus	4	FACU-	Nt P-Forb	Hairy aster		
BIDCER	2	Bidens cernua	-5	OBL	Nt A-Forb	Nodding bur marigold		
BIDTRI	3	Bidens tripartita	-5	OBL	Nt A-Forb	Swamp tickseed		
BIDVUL	1	Bidens vulgata	-3	FACW	Nt A-Forb	Tall beggar ticks		
BROINE	0	BROMUS INERMIS	5	UPL	Ad P-Grass	Smooth brome		
CALCAN	5	Calamagrostis canadensis	-5	OBL	Nt P-Grass	Blue joint grass		
CALSEP	0	Calystegia sepium	0	FAC	Nt P-Forb	Hedge bindweed		
CANSAT	0	CANNABIS SATIVA	0	FAC	Ad A-Forb	Hemp		
CXCRIS	5	Carex cristatella	-4	FACW+	Nt P-Sedge	Crested oval sedge		
CXGRVG	1	Carex gravida	5	UPL	Nt P-Sedge	Long-awned bracted sedge		
CXLACU	7	Carex lacustris	-5	OBL	Nt P-Sedge	Common lake sedge		
CXLAEC	6	Carex laeviconica	-5	OBL	Nt P-Sedge	Long-toothed lake sedge		
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		
CXSART	7	Carex sartwellii	-5	OBL	Nt P-Sedge	Running marsh sedge		
CXSTRC	6	Carex stricta	-5	OBL	Nt P-Sedge	Common tussock sedge		
CXTRIB	3	Carex tribuloides	-4	FACW+	Nt P-Sedge	Awl-fruited oval sedge		
CXVULP	3	Carex vulpinoidea	-5	OBL	Nt P-Sedge	Brown fox sedge		
CHAFAS	1	Chamaecrista fasciculata	4	FACU-	Nt A-Forb	Partridge pea		
CIRARV	0	CIRSIUM ARVENSE	3	FACU	Ad P-Forb	Field thistle		
CIRDIS	1	Cirsium discolor	5	UPL	Nt B-Forb	Pasture thistle		
CORTRP	4	Coreopsis tripteris	0	FAC	Nt P-Forb	Tall tickseed		
CORDRU	4	Cornus drummondii	0	FAC	Nt Shrub	Rough-leaved dogwood		
CORRAC	1	Cornus racemosa	-2	FACW-	Nt Shrub	Gray dogwood		
CYPSTR	2	Cyperus strigosus	-3	FACW	Nt P-Sedge	Long-scaled nut sedge		

DACGLO	0 DACTYLIS GLOMERATA	3 FACU	Ad P-Grass	Orchard grass		
ECHCRU	0 ECHINOCHLOA CRUSGALLI	-3 FACW	Ad A-Grass	Barnyard grass		
ELAANG	0 ELAEAGNUS ANGUSTIFOLIA	4 FACU-	Ad Shrub	Russian olive		
ELAUMB	0 ELAEAGNUS UMBELLATA	5 UPL	Ad Shrub	Autumn olive		
ELYRIP	5 Elymus riparius	-3 FACW	Nt P-Grass	Riverbank wild rye		
ELYVIR	3 Elymus virginicus	-2 FACW-	Nt P-Grass	Virginia wild rye		
EPICOL	3 Epilobium coloratum	-5 OBL	Nt P-Forb	Cinnamon willow herb		
EQUARV	0 Equisetum arvense	0 FAC	Nt Fern	Common horsetail		
EQULAE	6 Equisetum laevigatum	-3 FACW	Nt Fern	Smooth scouring rush		
ERIANN	0 Erigeron annuus	1 FAC-	Nt B-Forb	Annual fleabane		
EUPMAM	5 Eupatorium maculatum	-5 OBL	Nt P-Forb	Spotted Joe Pye weed		
EUPCOR	3 Euphorbia corollata	5 UPL	Nt P-Forb	Flowering spurge		
FESPRA	0 FESTUCA PRATENSIS	4 FACU-	Ad P-Grass	Meadow fescue		
FRAVIR	3 Fragaria virginiana	1 FAC-	Nt P-Forb	Wild strawberry		
FRAPEL	1 Fraxinus pennsylvanica var. lanceolata	-3 FACW	Nt Tree	Green ash		
GLETRI	0 Gleditsia triacanthos	0 FAC	Nt Tree	Honey locust		
HELGRO	4 Helianthus grosseserratus	-2 FACW-	Nt P-Forb	Saw-tooth sunflower		
HELTUB	0 Helianthus tuberosus	0 FAC	Nt P-Forb	Jerusalem artichoke		
HEMFUL	0 HEMEROCALLIS FULVA	5 UPL	Ad P-Forb	Day lily		
IRISHR	6 Iris shrevei	-5 OBL	Nt P-Forb	Blue flag		
JUNDUD	2 Juncus dudleyi	0 FAC	Nt P-Forb	Dudley's rush		
LACSER	0 LACTUCA SERRIOLA	0 FAC	Ad B-Forb	Prickly lettuce		
LEEORY	2 Leersia oryzoides	-5 OBL	Nt P-Grass	Rice cut grass		
LILMIC	6 Lilium michiganense	-1 FAC+	Nt P-Forb	Michigan lily		
LYCAME	4 Lycopus americanus	-5 OBL	Nt P-Forb	Common water horehound		
MEDLUP	0 MEDICAGO LUPULINA	1 FAC-	Ad A-Forb	Black medick		
MELOFC	0 MELILOTUS OFFICINALIS	3 FACU	Ad B-Forb	Yellow sweet clover		
MIARNYC	0 Mirabilis nyctaginea	5 UPL	Nt P-Forb	Wild four o'clock		
MONFIS	2 Monarda fistulosa	3 FACU	Nt P-Forb	Wild bergamot		
MORALB	0 MORUS ALBA	0 FAC	Ad Tree	White mulberry		
NEPCAT	0 NEPETA CATARIA	1 FAC-	Ad P-Forb	Catnip		
OENBIE	0 Oenothera biennis	3 FACU	Nt B-Forb	Common evening primrose		
OXADIL	0 Oxalis dillenii	5 UPL	Nt P-Forb	Common wood sorrel		
PANCAP	0 Panicum capillare	0 FAC	Nt A-Grass	Old witch grass		
PANVIR	5 Panicum virgatum	-1 FAC+	Nt A-Grass	Switch grass		
PARVIT	1 Parthenocissus vitacea	3 FACU	Nt W-Vine	Thicket creeper		
PASSAT	0 PASTINACA SATIVA	5 UPL	Ad B-Forb	Wild parsnip		

PHAARU	0 PHALARIS ARUNDINACEA	-4 FACW+	Ad P-Grass	Reed canary grass
PHLPRA	0 PHLEUM PRATENSE	3 FACU	Ad P-Grass	Timothy
PHYPUB	2 Physalis pubescens	5 UPL	Nt A-Forb	Downy ground cherry
PLARUG	0 Plantago rugelii	0 FAC	Nt A-Forb	Red-stalked plantain
POAPRA	0 POA PRATENSIS	1 FAC-	Ad P-Grass	Kentucky blue grass
POLBIF	4 Polygonatum biflorum	3 FACU	Nt P-Forb	Solomon's seal
POLAME	3 Polygonum amphibium var. emersum	-5 OBL	Nt P-Forb	Water heartsease
POLHYR	3 Polygonum hydropiper	-5 OBL	Nt A-Forb	Water pepper
POLPEN	0 Polygonum pensylvanicum	-4 FACW+	Nt A-Forb	Pinkweed
POLSAG	4 Polygonum sagittatum	-5 OBL	Nt A-Forb	Tearthumb
POPDEL	1 Populus deltoides	-1 FAC+	Nt Tree	Cottonwood
PRUAMA	2 Prunus americana	5 UPL	Nt Tree	Smooth wild plum
PRUSER	3 Prunus serotina	3 FACU	Nt Tree	Wild black cherry
RATPIN	4 Ratibida pinnata	5 UPL	Nt P-Forb	Gray-headed coneflower
RIBMIS	3 Ribes missouriense	5 UPL	Nt Shrub	Wild gooseberry
ROSCAR	4 Rosa carolina	4 FACU-	Nt Shrub	Pasture rose
RUBFLA	5 Rubus flagellaris	4 FACU-	Nt Shrub	Dewberry
RUBOCC	1 Rubus occidentalis	5 UPL	Nt Shrub	Black raspberry
RUMALT	0 Rumex altissimus	4 FACU-	Nt P-Forb	Pale dock
RUMCRI	0 RUMEX CRISPUS	-1 FAC+	Ad P-Forb	Curly dock
SAGLAT	4 Sagittaria latifolia	-5 OBL	Nt P-Forb	Common arrowhead
SALAMY	3 Salix amygdaloides	-3 FACW	Nt Tree	Peach-leaved willow
SALEXI	0 Salix exigua ssp. Interior	-5 OBL	Nt Shrub	Sandbar willow
SALNIG	3 Salix nigra	-5 OBL	Nt Tree	Black willow
SALGLA	3 Salix X glatfelteri	-5 OBL	Nt Tree	Hybrid black willow
SAMCAN	1 Sambucus canadensis	4 FACU-	Nt Shrub	Elderberry
SCIATR	1 Scirpus atrovirens	-5 OBL	Nt P-Sedge	Dark green rush
SCICYP	4 Scirpus cyperinus	-5 OBL	Nt P-Sedge	Wool grass
SCIFLU	5 Scirpus fluviatilis	-5 OBL	Nt P-Sedge	River bulrush
SCRMAR	4 Scrophularia marilandica	4 FACU-	Nt P-Forb	Late figwort
SCUGAL	6 Scutellaria galericulata	-5 OBL	Nt P-Forb	Marsh skullcap
SETFAB	0 SETARIA FABERII	2 FACU+	Ad A-Grass	Giant foxtail
SETGLA	0 SETARIA GLAUCA	0 FAC	Ad A-Grass	Yellow foxtail
SIDSPI	0 SIDA SPINOSA	3 FACU	Ad A-Forb	Prickly mallow
SOLCAN	0 Solidago canadensis	3 FACU	Nt P-Forb	Tall goldenrod
SOLGIG	3 Solidago gigantea	-3 FACW	Nt P-Forb	Smooth goldenrod
SPAPEC	4 Spartina pectinata	-4 FACW+	Nt P-Grass	Prairie cord grass

SPIALB	5	<i>Spiraea alba</i>	-4	FACW+	Nt Shrub	Meadowsweet		
SPIPOL	6	<i>Spirodela polyrhiza</i>	-5	OBL	Nt A-Forb	Greater duckweed		
STAPAL	4	<i>Stachys palustris</i>	-5	OBL	Nt P-Forb	Woundwort		
TAROFF	0	TARAXACUM OFFICINALE	3	FACU	Ad P-Forb	Common dandelion		
TEUCAN	4	<i>Teucrium canadense</i>	-2	FACW-	Nt P-Forb	Germander		
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		
TRAPRA	0	TRAGOPOGON PRATENSIS	5	UPL	Ad B-Forb	Common goat's beard		
TRIPRA	0	TRIFOLIUM PRATENSE	2	FACU+	Ad P-Forb	Red clover		
TYPLAT	1	<i>Typha latifolia</i>	-5	OBL	Nt P-Forb	Broad-leaved cattail		
ULMAME	2	<i>Ulmus americana</i>	-2	FACW-	Nt Tree	American elm		
ULMPUM	0	ULMUS PUMILA	5	UPL	Ad Tree	Siberian elm		
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		
VITRIP	1	<i>Vitis riparia</i>	-2	FACW-	Nt W-Vine	Riverbank grape		