

**RESTORATION PLAN
FOR
BRYANT CHILDREN'S RETREAT
AND THE
FIVE DIAMONDS BASEBALL FIELD**

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Bryant Children's Retreat



Turkey and White Tailed Deer are seen frequently. The prairie ant, *Formica montana*, builds numerous mounds on the site. Some fine native trees still persist in a narrow but significant tract of remnant woodland along the north border of the property. Currently it is infested with the non-native shrub, Common Buckthorn, as well as too much dogwood, particularly the Gray Dogwood. When these plants are removed and an annual regime of controlled burns is implemented, this woodland remnant will become quite a pleasant amenity as well as an irreplaceable resource. Portions of it will be able to be designated for concentrated out-door play by young children.

The low grounds in the eastern and western portions of the tract have a few native species, but are dominated by Eurasian weeds, prevailingly non-native grasses. At one time it was a wet prairie. Post-settlement attempts at agriculture, the associated drainage efforts, and the dewatering of the ambient uplands to the east have left it drier than its aboriginal condition, which cannot be recovered. A more mesic, less wet, native plant prairie community can be stabled. The non-native grasses will be herbicided and overseeded with native grasses and wildflowers. After the second growing season, aside from some likely but decreasingly necessary weeding, an annually applied controlled burn will maintain the system as a diverse, beautiful, and interesting landscape, particularly in conjunction with the associated woodland. There are no jurisdictional reasons why mown or wood chip paths cannot traverse the system.

There is a small population of the Poison Hemlock, a decoction from which plant Socrates preserved his philosophical integrity. It would be best if the plant were herbicided and removed its inhabitancy vacated, inasmuch as its natural oils are quite toxic. This can be done during the follow-up stewardship if it is still there after the implantation of the prairie restoration.

The high ground in the center, which has been designated as "not jurisdictional", or "buildable" upland," is dominated by the prickly European weed, Muck Thistle, which is a biennial. These will be mowed down and the whole surface covered with wood chips that remain from restoration activities implemented simultaneously in the wetlands to the west, at Five Diamonds Park. As the wood chips cure, the Musk Thistle will abandon the site, which can be incorporated into a more active the outdoor play area.

FLORISTIC QUALITY DATA		Native		Adventive			
55	NATIVE SPECIES	Tree	9	69.6%	Tree	0	30.4%
79	Total Species	Shrub	4	5.1%	Shrub	1	1.3%
2.9	NATIVE MEAN C	W-Vine	3	3.8%	W-Vine	0	0.0%
2.0	W/Adventives	H-Vine	1	1.3%	H-Vine	0	0.0%
21.3	NATIVE FQI	P-Forb	23	29.1%	P-Forb	6	7.6%
17.8	W/Adventives	B-Forb	2	2.5%	B-Forb	7	8.9%
-0.3	NATIVE MEAN W	A-Forb	6	7.6%	A-Forb	2	2.5%
0.3	W/Adventives	P-Grass	0	0.0%	P-Grass	6	7.6%
AVG:	Faculative	A-Grass	1	1.3%	A-Grass	2	2.5%
		P-Sedge	4	5.1%	P-Sedge	0	0.0%
		A-Sedge	0	0.0%	A-Sedge	0	0.0%
		Cryptogam	2	2.5%			

ACRONYM	C SCIENTIFIC NAME	W WETNESS	PHYSIOGNOMY	COMMON NAME
ACENEG	0 Acer negundo	-2 FACW-	Nt Tree	BOX ELDER
ACNALT	0 Aonida altissima	-5 OBL	Nt A-Forb	WATER HEMP
AGRREP	0 AGROPYRON REPENS	3 FACU	Ad P-Grass	QUACK GRASS
AGRALA	0 AGROSTIS ALBA	-3 FACW	Ad P-Grass	REDTOP
ALLPET	0 ALLIARIA PETIOLATA	0 FAC	Ad B-Forb	GARLIC MUSTARD
AMBARE	0 Ambrosia artemisiifolia elatior	3 FACU	Nt A-Forb	COMMON RAGWEED
AMBTRI	0 Ambrosia trifida	-1 FAC+	Nt A-Forb	GIANT RAGWEED
ARCMIN	0 ARCTIUM MINUS	5 UPL	Ad B-Forb	COMMON BURDOCK
ARITRI	4 Arisaema triphyllum	-2 FACW-	Nt P-Forb	JACK-IN-THE-PULPIT
ASCINC	4 Asclepias incarnata	-5 OBL	Nt P-Forb	SWAMP MILKWEED
ASCSYR	0 Asclepias syriaca	5 UPL	Nt P-Forb	COMMON MILKWEED
ASTLAT	4 Aster lateriflorus	-2 FACW-	Nt P-Forb	SIDE-FLOWERING ASTER
ASTNOV	4 Aster novae-angliae	-3 FACW	Nt P-Forb	NEW ENGLAND ASTER
ASTPIL	0 Aster pilosus	2 FACU+	Nt P-Forb	HAIRY ASTER
ASTPUF	7 Aster puniceus firmus	-5 OBL	Nt P-Forb	SHINING ASTER
ASTSIS	3 Aster simplex	-5 OBL	Nt P-Forb	PANICLED ASTER
ATRPAT	0 ATRIPLEX PATULA	-2 FACW-	Ad A-Forb	COMMON ORACH
BROINE	0 BROMUS INERMIS	5 UPL	Ad P-Grass	HUNGARIAN BROME
CARNUT	0 CARDUUS NUTANS	5 UPL	Ad B-Forb	MUSK THISTLE
CXVULP	2 Carex vulpinoidea	-5 OBL	Nt P-Sedge	BROWN FOX SEDGE
CAROVY	5 Carya ovata	3 FACU	Nt Tree	SHAGBARK HICKORY
CELSCA	4 Celastrus scandens	5 [UPL]	Nt W-Vine	CLIMBING BITTERSWEET
CICINT	0 CICHORIUM INTYBUS	5 UPL	Ad P-Forb	CHICORY
CIRLUC	1 Circaea lutetiana canadensis	3 FACU	Nt P-Forb	ENCHANTER'S NIGHTSHADE
CIRARV	0 CIRSIUM ARVENSE	5 UPL	Ad P-Forb	FIELD THISTLE
CONMAC	0 CONIUM MACULATUM	-3 FACW	Ad B-Forb	POISON HEMLOCK
CORRAC	1 Cornus racemosa	-2 FACW-	Nt Shrub	GRAY DOGWOOD
CORSTO	6 Cornus stolonifera	-3 FACW	Nt Shrub	RED-OSIER DOGWOOD
CRACOC	4 Crataegus coccinea	5 UPL	Nt Tree	SCARLET HAWTHORN
DAUCAR	0 DAUCUS CAROTA	5 UPL	Ad B-Forb	QUEEN ANNE'S LACE
DIOVIL	7 Dioscorea villosa	1 FAC-	Nt H-Vine	WILD YAM
ELEERY	2 Eleocharis erythropoda	-5 OBL	Nt P-Sedge	RED-ROOTED SPIKE RUSH
EPICOL	3 Epilobium coloratum	-5 OBL	Nt P-Forb	CINNAMON WILLOW HERB
EQUARV	0 Equisetum arvense	0 FAC	Cryptogam	HORSETAIL
EQUFER	2 Equisetum X ferrissii	0 [FAC]	Cryptogam	JOLIET HORSETAIL
ERIAN	0 Erigeron annuus	1 FAC-	Nt B-Forb	ANNUAL FLEABANE
ERICAN	0 Erigeron canadensis	1 FAC-	Nt A-Forb	HORSEWEED
EUPMAM	4 Eupatorium maculatum	-5 OBL	Nt P-Forb	SPOTTED JOE PYE WEED
FRAAMA	5 Fraxinus americana	3 FACU	Nt Tree	WHITE ASH
HACVIR	0 Hackelia virginiana	1 FAC-	Nt B-Forb	STICKSEED
HELSTR	5 Helianthus strumosus	5 UPL	Nt P-Forb	PALE-LEAVED SUNFLOWER
JUNDUD	4 Juncus dudleyi	0 [FAC]	Nt P-Forb	DUDLEY'S RUSH
LACSER	0 LACTUCA SERRIOLA	0 FAC	Ad B-Forb	PRICKLY LETTUCE
LOBSIP	6 Lobelia siphilitica	-4 FACW+	Nt P-Forb	GREAT BLUE LOBELIA
LYCALB	0 LYCHNIS ALBA	5 UPL	Ad A-Forb	WHITE CAMPION
MELALB	0 MELILOTUS ALBA	3 FACU	Ad B-Forb	WHITE SWEET CLOVER
PANCAP	1 Panicum capillare	0 FAC	Nt A-Grass	OLD WITCH GRASS
PHAAARU	0 PHALARIS ARUNDINACEA	-4 FACW+	Ad P-Grass	REED CANARY GRASS
PHLPRA	0 PHELEUM PRATENSE	3 FACU	Ad P-Grass	TIMOTHY
PLARUG	0 Plantago rugelii	0 FAC	Nt A-Forb	RED-STALKED PLANTAIN
POAPRA	0 POA PRATENSIS	1 FAC-	Ad P-Grass	KENTUCKY BLUE GRASS
POTNOR	0 Potentilla norvegica	0 FAC	Nt A-Forb	NORWAY CINQUEFOIL
PRUSER	1 Prunus serotina	3 FACU	Nt Tree	WILD BLACK CHERRY

PRUVIR	3	<i>Prunus virginiana</i>	3	[FACU]	Nt Shrub	CHOKO CHERRY
QUEMAC	5	<i>Quercus macrocarpa</i>	1	FAC-	Nt Tree	BUR OAK
RATPIN	4	<i>Ratibida pinnata</i>	5	UPL	Nt P-Forb	YELLOW CONEFLOWER
RHACAT	0	<i>RHAMNUS CATHARTICA</i>	3	FACU	Ad Shrub	COMMON BUCKTHORN
RUMCRI	0	<i>RUMEX CRISPUS</i>	-1	FAC+	Ad P-Forb	CURLY DOCK
SALAMY	5	<i>Salix amygdaloides</i>	-3	FACW	Nt Tree	PEACH-LEAVED WILLOW
SANCAD	6	<i>Sanguinaria canadensis</i>	4	FACU-	Nt P-Forb	BLOODROOT
SCIATR	4	<i>Scirpus atrovirens</i>	-5	OBL	Nt P-Sedge	DARK GREEN RUSH
SCIPEN	4	<i>Scirpus pendulus</i>	-5	OBL	Nt P-Sedge	RED BULRUSH
SETGLA	0	<i>SETARIA GLAUCA</i>	0	FAC	Ad A-Grass	YELLOW FOXTAIL
SETVIV	0	<i>SETARIA VIRIDIS</i>	1	[FAC-]	Ad A-Grass	GREEN FOXTAIL
SMISTE	5	<i>Smilacina stellata</i>	1	FAC-	Nt P-Forb	STARRY FALSE SOLOMON'S SEAL
SMITAH	5	<i>Smilax tamnoides hispida</i>	5	UPL	Nt W-Vine	BRISTLY CAT BRIER
SOLALT	1	<i>Solidago altissima</i>	3	FACU	Nt P-Forb	TALL GOLDENROD
SOLGIG	4	<i>Solidago gigantea</i>	-3	FACW	Nt P-Forb	LATE GOLDENROD
SOLGRN	3	<i>Solidago graminifolia nuttallii</i>	0	[FAC]	Nt P-Forb	HAIRY GRASS-LEAVED GOLDENROD
SONULI	0	<i>SONCHUS ULIGINOSUS</i>	1	FAC-	Ad P-Forb	COMMON SOW THISTLE
TAROFF	0	<i>TARAXACUM OFFICINALE</i>	3	FACU	Ad P-Forb	COMMON DANDELION
TILAME	5	<i>Tilia americana</i>	3	FACU	Nt Tree	AMERICAN LINDEN
TRIPRA	0	<i>TRIFOLIUM PRATENSE</i>	5	UPL	Ad P-Forb	RED CLOVER
TYPGLA	1	<i>Typha X glauca</i>	-5	OBL	Nt P-Forb	HYBRID CATTAIL
ULMAME	3	<i>Ulmus americana</i>	-2	FACW-	Nt Tree	AMERICAN ELM
URTPRO	2	<i>Urtica procera</i>	-1	FAC+	Nt P-Forb	TALL NETTLE
VERHAS	4	<i>Verbena hastata</i>	-4	FACW+	Nt P-Forb	BLUE VERVAIN
VITRIP	2	<i>Vitis riparia</i>	-2	FACW-	Nt W-Vine	RIVERBANK GRAPE
XANAME	3	<i>Xanthoxylum americanum</i>	5	UPL	Nt Shrub	PRICKLY ASH

Five Diamonds Property, East Wetland



This wetland is dominated by a lacustrine southern bog on the west, which requires only to be visited by an annual controlled burn. On the east is a degraded wetland of cattails and Reed Canary Grass, which when most of the weedy woody plants have been removed, an annual controlled burn is indicated as well. The intervening, drier district and margins of both wetlands are dominated by Gray Dogwood, Green Ash, Box Elder, Eurasian Shrubs, and Multiflora Rose. Intermingled among them are various dispositions of native willows. During the removal of the above-mentioned woody plants, it is acceptable if there is some loss

of these willows, though some plants of *Salix bebbiana* and *Salix eriocephala* should remain healthy. These can be identified most easily during the spring, after the clearing and thinning episode of this fall, during follow-up sprout treatment. Much of this cleared area will be over-seeded by the same mix intended for the 30-foot wide buffer area that surrounds the wetland.

FLORISTIC QUALITY DATA		Native		Adventive	
61	NATIVE SPECIES	61	88.4%	8	11.6%
69	Total Species	5	7.2%	0	0.0%
4.2	NATIVE MEAN C	14	20.3%	4	5.8%
3.7	W/Adventives	1	1.4%	1	1.4%
32.5	NATIVE FQI	2	2.9%	0	0.0%
30.6	W/Adventives	26	37.7%	1	1.4%
-2.5	NATIVE MEAN W	0	0.0%	0	0.0%
-2.1	W/Adventives	6	8.7%	0	0.0%
AVG: Fac. Wetland		2	2.9%	2	2.9%
		0	0.0%	0	0.0%
		5	7.2%	0	0.0%
		0	0.0%	0	0.0%
		0	0.0%	0	0.0%
		0	0.0%	0	0.0%

ACRONYM	C SCIENTIFIC NAME	W WETNESS	PHYSIOGNOMY	COMMON NAME
ACENEG	0 <i>Acer negundo</i>	-2 FACW-	Nt Tree	BOX ELDER
ASCINC	4 <i>Asclepias incarnata</i>	-5 OBL	Nt P-Forb	SWAMP MILKWEED
ASTPUF	7 <i>Aster puniceus firmus</i>	-5 OBL	Nt P-Forb	SHINING ASTER
ASTSIS	3 <i>Aster simplex</i>	-5 OBL	Nt P-Forb	PANICLED ASTER
BIDCOM	5 <i>Bidens comosa</i>	-5 [OBL]	Nt A-Forb	SWAMP TICKSEED
BOECYC	2 <i>Boehmeria cylindrica</i>	-5 OBL	Nt P-Forb	FALSE NETTLE
CALCAN	3 <i>Calamagrostis canadensis</i>	-5 OBL	Nt P-Grass	BLUE JOINT GRASS
CXATHE	5 <i>Carex atherodes</i>	-5 OBL	Nt P-Sedge	HAIRY-LEAVED LAKE SEDGE
CXBLAN	1 <i>Carex blanda</i>	0 FAC	Nt P-Sedge	COMMON WOOD SEDGE
CXLACU	6 <i>Carex lacustris</i>	-5 OBL	Nt P-Sedge	COMMON LAKE SEDGE
CXSTRI	5 <i>Carex stricta</i>	-5 OBL	Nt P-Sedge	COMMON TUSSOCK SEDGE
CXTRIC	7 <i>Carex trichocarpa</i>	-5 OBL	Nt P-Sedge	HAIRY-FRUITED LAKE SEDGE
CHEGLB	8 <i>Chelone glabra</i>	-5 OBL	Nt P-Forb	TURTLEHEAD
CICMAC	6 <i>Cicuta maculata</i>	-5 OBL	Nt P-Forb	WATER HEMLOCK
CIRARV	0 <i>Cirsium arvense</i>	5 UPL	Ad P-Forb	FIELD THISTLE
COROBL	6 <i>Cornus obliqua</i>	-4 FACW+	Nt Shrub	BLUE-FRUITED DOGWOOD
CORRAC	1 <i>Cornus racemosa</i>	-2 FACW-	Nt Shrub	GRAY DOGWOOD
CORSTO	6 <i>Cornus stolonifera</i>	-3 FACW	Nt Shrub	RED-OSIER DOGWOOD
ECHLOB	5 <i>Echinocystis lobata</i>	-2 FACW-	Nt H-Vine	WILD CUCUMBER
EPILEP	10 <i>Epilobium leptophyllum</i>	-5 OBL	Nt P-Forb	FEN WILLOW HERB
EUPMAM	4 <i>Eupatorium maculatum</i>	-5 OBL	Nt P-Forb	SPOTTED JOE PYE WEED
FRAPES	1 <i>Fraxinus pennsylvanica subintegerrima</i>	0 FAC	Nt Tree	GREEN ASH
GERMAC	4 <i>Geranium maculatum</i>	5 [UPL]	Nt P-Forb	WILD GERANIUM
GEUCAN	1 <i>Geum canadense</i>	0 FAC	Nt P-Forb	WOOD AVENS
GLYSTR	4 <i>Glyceria striata</i>	-3 [FACW]	Nt P-Grass	FOWL MANNA GRASS
IMPCAP	3 <i>Impatiens capensis</i>	-3 FACW	Nt A-Forb	ORANGE JEWELWEED

LEMTUR	5 Lemna turionifera	-5 [OBL]	Nt P-Forb	PERENNIAL DUCKWEED
LONBEL	0 LONICERA X BELLA	4 FACU-	Ad Shrub	SHOWY FLY HONEYSUCKLE
LYCAME	5 Lycopodium americanus	-5 OBL	Nt P-Forb	COMMON WATER HOREHOUND
LYCUNI	7 Lycopodium uniflorum	-5 OBL	Nt P-Forb	NORTHERN BUGLE WEED
OXYRIG	7 Oxypolis rigidior	-5 OBL	Nt P-Forb	COWBANE
PHAARU	0 PHALARIS ARUNDINACEA	-4 FACW+	Ad P-Grass	REED CANARY GRASS
POAPRA	0 POA PRATENSIS	1 FAC-	Ad P-Grass	KENTUCKY BLUE GRASS
POLAMS	4 Polygonum amphibium stipulaceum	-5 OBL	Nt P-Forb	WATER KNOTWEED
POLPEN	0 Polygonum pennsylvanicum	-4 FACW+	Nt A-Forb	PINKWEED
POLPUN	6 Polygonum punctatum	-5 OBL	Nt A-Forb	SMARTWEED
POPTRE	4 Populus tremuloides	0 FAC	Nt Tree	QUAKING ASPEN
PRUVIR	3 Prunus virginiana	3 [FACU]	Nt Shrub	CHOKO CHERRY
RANPEN	6 Ranunculus pennsylvanicus	-5 OBL	Nt A-Forb	BRISTLY BUTTERCUP
RHACAT	0 RHAMNUS CATHARTICA	3 FACU	Ad Shrub	COMMON BUCKTHORN
RHAFRA	0 RHAMNUS FRANGULA	-1 FAC+	Ad Shrub	GLOSSY BUCKTHORN
RIBAME	7 Ribes americanum	-3 FACW	Nt Shrub	WILD BLACK CURRANT
ROSBLA	5 Rosa blanda	3 FACU	Nt Shrub	EARLY WILD ROSE
ROSMUL	0 ROSA MULTIFLORA	3 FACU	Ad Shrub	MULTIFLORA ROSE
RUBIDS	3 Rubus idaeus strigosus	4 FACU-	Nt Shrub	RED RASPBERRY
RUBOCC	2 Rubus occidentalis	5 UPL	Nt Shrub	BLACK RASPBERRY
RUMORB	8 Rumex orbiculatus	-5 OBL	Nt P-Forb	GREAT WATER DOCK
SALAMY	5 Salix amygdaloides	-3 FACW	Nt Tree	PEACH-LEAVED WILLOW
SALBEB	8 Salix bebbiana	-4 FACW+	Nt Shrub	BEAKED WILLOW
SALDIS	2 Salix discolor	-3 FACW	Nt Shrub	PUSSY WILLOW
SALERI	5 Salix eriocephala	-3 FACW	Nt Shrub	HEART-LEAVED WILLOW
SALPET	7 Salix petiolaris	-4 FACW+	Nt Shrub	MEADOW WILLOW
SAMCAN	1 Sambucus canadensis	-2 FACW-	Nt Shrub	ELDERBERRY
SCULAT	5 Scutellaria lateriflora	-5 OBL	Nt P-Forb	MAD-DOG SKULLCAP
SIUSUA	7 Sium suave	-5 OBL	Nt P-Forb	TALL WATER PARSNIP
SMILAS	5 Smilax lasioneura	5 [UPL]	Nt H-Vine	COMMON CARRION FLOWER
SOLAME	0 Solanum americanum	4 FACU-	Nt A-Forb	BLACK NIGHTSHADE
SOLDUL	0 SOLANUM DULCAMARA	0 FAC	Ad W-Vine	BITTERSWEET NIGHTSHADE
SOLALT	1 Solidago altissima	3 FACU	Nt P-Forb	TALL GOLDENROD
SOLCAN	1 Solidago canadensis	3 FACU	Nt P-Forb	CANADA GOLDENROD
SOLGIG	4 Solidago gigantea	-3 FACW	Nt P-Forb	LATE GOLDENROD
SOLGRN	3 Solidago graminifolia nuttallii	0 [FAC]	Nt P-Forb	HAIRY GRASS-LEAVED GOLDENROD
THADAD	5 Thalictrum dasycarpum	-2 FACW-	Nt P-Forb	PURPLE MEADOW RUE
TYPLAT	1 Typha latifolia	-5 OBL	Nt P-Forb	BROAD-LEAVED CATTAIL
TYPGLA	1 Typha X glauca	-5 OBL	Nt P-Forb	HYBRID CATTAIL
ULMAME	3 Ulmus americana	-2 FACW-	Nt Tree	AMERICAN ELM
VERHAS	4 Verbena hastata	-4 FACW+	Nt P-Forb	BLUE VERVAIN
VIBLEN	5 Viburnum lentago	-1 FAC+	Nt Shrub	NANNYBERRY
VITRIP	2 Vitis riparia	-2 FACW-	Nt W-Vine	RIVERBANK GRAPE

Five Diamonds West Wetland



While there are scattered populations of native plants, the area is dominated by older buckthorns, Box Elder, Green Ash, and some Amur Honeysuckle. Around the edges are some Wild Black Cherry trees in poor health. Nearly all of this can go. There are a very few oaks and hickories and the taller tree willows may stay, along with the taller cottonwoods. With the removal of the weedy trees, the general appearance of this wetland is going to be notably changed.

I see no reason why burn piles cannot be deployed as convenient, unless Waukesha disallows such burning. Inside the ring of buffer, there will be an additional area of drier ground that can receive the same prairie seeding, although it is probable that the depressional area will hold more water once the phreatophytic trees have been removed. If there is any evidence of steady groundwater discharge, once the trees have been removed, we may want to consider inoculating the system with seeds of Wild Rice, *Zizania aquatica*.

FLORISTIC QUALITY DATA		Native		Adventive			
53	NATIVE SPECIES	53	82.8%	11	17.2%		
64	Total Species	6	9.4%	1	1.6%		
3.3	NATIVE MEAN C	8	12.5%	4	6.3%		
2.7	W/Adventives	W-Vine	2	3.1%	W-Vine	1	1.6%
23.9	NATIVE FQI	H-Vine	2	3.1%	H-Vine	0	0.0%
21.8	W/Adventives	P-Forb	20	31.3%	P-Forb	1	1.6%
-1.2	NATIVE MEAN W	B-Forb	2	3.1%	B-Forb	2	3.1%
-0.7	W/Adventives	A-Forb	8	12.5%	A-Forb	1	1.6%
AVG: Faculative (+)		P-Grass	2	3.1%	P-Grass	1	1.6%
		A-Grass	0	0.0%	A-Grass	0	0.0%
		P-Sedge	2	3.1%	P-Sedge	0	0.0%
		A-Sedge	0	0.0%	A-Sedge	0	0.0%
		Cryptogam	1	1.6%			

ACRONYM	C SCIENTIFIC NAME	W WETNESS	PHYSIOGNOMY	COMMON NAME
ANGATR	7 Angelica atropurpurea	-5 OBL	Nt P-Forb	GREAT ANGELICA
ARCMIN	0 ARCTIUM MINUS	5 UPL	Ad B-Forb	COMMON BURDOCK
ARITRI	4 Arisaema triphyllum	-2 FACW-	Nt P-Forb	JACK-IN-THE-PULPIT
ASTLAT	4 Aster lateriflorus	-2 FACW-	Nt P-Forb	SIDE-FLOWERING ASTER
ASTPUF	7 Aster puniceus firmus	-5 OBL	Nt P-Forb	SHINING ASTER
ASTSIS	3 Aster simplex	-5 OBL	Nt P-Forb	PANICLED ASTER
BIDFRO	1 Bidens frondosa	-3 FACW	Nt A-Forb	COMMON BEGGAR'S TICKS
BIDVUL	1 Bidens vulgata	3 FACU	Nt A-Forb	TALL BEGGAR'S TICKS
BOECYC	2 Boehmeria cylindrica	-5 OBL	Nt P-Forb	FALSE NETTLE
CXBLAN	1 Carex blanda	0 FAC	Nt P-Sedge	COMMON WOOD SEDGE
CXRADI	6 Carex radiata	1 [FAC-]	Nt P-Sedge	STRAIGHT-STYLED WOOD SEDGE
CAROV	5 Carya ovata	3 FACU	Nt Tree	SHAGBARK HICKORY
CHEALB	0 CHENOPODIUM ALBUM	1 FAC-	Ad A-Forb	LAMB'S QUARTERS
CIRLUC	1 Circaea lutetiana canadensis	3 FACU	Nt P-Forb	ENCHANTER'S NIGHTSHADE
CIRARV	0 CIRSIUM ARVENSE	5 UPL	Ad P-Forb	FIELD THISTLE
COROBL	6 Cornus obliqua	-4 FACW+	Nt Shrub	BLUE-FRUITED DOGWOOD
CORRAC	1 Cornus racemosa	-2 FACW-	Nt Shrub	GRAY DOGWOOD
CUSGRO	4 Cuscuta gronovii	-5 [OBL]	Nt A-Forb	COMMON DODDER
DAUCAR	0 DAUCUS CAROTA	5 UPL	Ad B-Forb	QUEEN ANNE'S LACE
ECHLOB	5 Echinocystis lobata	-2 FACW-	Nt H-Vine	WILD CUCUMBER
EPICOL	3 Epilobium coloratum	-5 OBL	Nt P-Forb	CINNAMON WILLOW HERB
EQUHYE	3 Equisetum hyemale	-2 FACW-	Cryptogam	TALL SCOURING RUSH
ERICAN	0 Erigeron canadensis	1 FAC-	Nt A-Forb	HORSEWEED
EUPPER	4 Eupatorium perfoliatum	-4 FACW+	Nt P-Forb	COMMON BONESET
FRAVIR	1 Fragaria virginiana	1 FAC-	Nt P-Forb	WILD STRAWBERRY
GEUALS	7 Geum aleppicum strictum	-1 FAC+	Nt P-Forb	YELLOW AVENS
GEUCAN	1 Geum canadense	0 FAC	Nt P-Forb	WOOD AVENS
GLYSTR	4 Glyceria striata	-3 [FACW]	Nt P-Grass	FOWL MANNA GRASS
HACVIR	0 Hackelia virginiana	1 FAC-	Nt B-Forb	STICKSEED

IMPCAP	3	Impatiens capensis	-3	FACW	Nt	A-Forb	ORANGE JEWELWEED
LEEORY	4	Leersia oryzoides	-5	OBL	Nt	P-Grass	RICE CUT GRASS
LOBSIP	6	Lobelia siphilitica	-4	FACW+	Nt	P-Forb	GREAT BLUE LOBELIA
LONBEL	0	LONICERA X BELLA	4	FACU-	Ad	Shrub	SHOWY FLY HONEYSUCKLE
LYCUNI	7	Lycopus uniflorus	-5	OBL	Nt	P-Forb	NORTHERN BUGLE WEED
OENBIE	0	Oenothera biennis	3	FACU	Nt	B-Forb	COMMON EVENING PRIMROSE
OXAEUR	0	Oxalis europaea	3	FACU	Nt	P-Forb	TALL WOOD SORREL
PARQUI	2	Parthenocissus quinquefolia	1	FAC-	Nt	W-Vine	VIRGINIA CREEPER
PHAARU	0	PHALARIS ARUNDINACEA	-4	FACW+	Ad	P-Grass	REED CANARY GRASS
PILFON	7	Pilea fontana	-3	FACW	Nt	A-Forb	BOG CLEARWEED
POLPUN	6	Polygonum punctatum	-5	OBL	Nt	A-Forb	SMARTWEED
POLSCN	1	Polygonum scandens	0	FAC	Nt	H-Vine	CLIMBING FALSE BUCKWHEAT
POPDEL	2	Populus deltoides	-1	FAC+	Nt	Tree	EASTERN COTTONWOOD
PRUSER	1	Prunus serotina	3	FACU	Nt	Tree	WILD BLACK CHERRY
QUEMAC	5	Quercus macrocarpa	1	FAC-	Nt	Tree	BUR OAK
RANABO	0	Ranunculus abortivus	-2	FACW-	Nt	A-Forb	SMALL-FLOWERED BUTTERCUP
RANFLA	7	Ranunculus flabellaris	-5	OBL	Nt	P-Forb	YELLOW WATER CROWFOOT
RHACAT	0	RHAMNUS CATHARTICA	3	FACU	Ad	Shrub	COMMON BUCKTHORN
RHAFRA	0	RHAMNUS FRANGULA	-1	FAC+	Ad	Shrub	GLOSSY BUCKTHORN
RIBAME	7	Ribes americanum	-3	FACW	Nt	Shrub	WILD BLACK CURRANT
RUBIDS	3	Rubus idaeus strigosus	4	FACU-	Nt	Shrub	RED RASPBERRY
RUBOCC	2	Rubus occidentalis	5	UPL	Nt	Shrub	BLACK RASPBERRY
SALALB	0	SALIX ALBA	-3	FACW	Ad	Tree	WHITE WILLOW
SALAMY	5	Salix amygdaloides	-3	FACW	Nt	Tree	PEACH-LEAVED WILLOW
SALINT	1	Salix interior	-5	OBL	Nt	Shrub	SANDBAR WILLOW
SMISTE	5	Smilacina stellata	1	FAC-	Nt	P-Forb	STARRY FALSE SOLOMON'S SEAL
SOLDUL	0	SOLANUM DULCAMARA	0	FAC	Ad	W-Vine	BITTERSWEET NIGHTSHADE
SOLALT	1	Solidago altissima	3	FACU	Nt	P-Forb	TALL GOLDENROD
ULMAME	3	Ulmus americana	-2	FACW-	Nt	Tree	AMERICAN ELM
URTPRO	2	Urtica procera	-1	FAC+	Nt	P-Forb	TALL NETTLE
VIBLEN	5	Viburnum lentago	-1	FAC+	Nt	Shrub	NANNYBERRY
VIBOPU	0	VIBURNUM OPULUS	3	[FACU]	Ad	Shrub	EUROPEAN HIGHBUSH CRANBERRY
VIOSOR	3	Viola sororia	1	FAC-	Nt	P-Forb	COMMON BLUE VIOLET
VITRIP	2	Vitis riparia	-2	FACW-	Nt	W-Vine	RIVERBANK GRAPE
XANAME	3	Xanthoxylum americanum	5	UPL	Nt	Shrub	PRICKLY ASH

Wisconsin DNR Mitigation Tract South of Bryant Property and Five Diamonds Ball Fields



This area, largely wet to mesic prairies and old fields, with shrubby fencerows and so low, marshy areas, is under the jurisdiction of the Wisconsin Department of Natural Resources. There are no proposed management actions at this time, other than to attempt to collaborate with the DNR on the controlled burning of this tract along with the Bryan Property and Five Diamonds Ball Field restorations. These following plants were noted during a single survey on September 15, 2011.

FLORISTIC QUALITY DATA		Native		Adventive	
70	NATIVE SPECIES	70	77.8%	20	22.2%
90	Total Species	6	6.7%	0	0.0%
3.7	NATIVE MEAN C	13	14.4%	4	4.4%
2.9	W/Adventives	1	1.1%	0	0.0%
31.3	NATIVE FQI	0	0.0%	0	0.0%
27.6	W/Adventives	0	0.0%	0	0.0%
-1.6	NATIVE MEAN W	30	33.3%	5	5.6%
-0.8	W/Adventives	1	1.1%	4	4.4%
AVG: Fac. Wetland (-)		3	3.3%	1	1.1%
		6	6.7%	6	6.7%
		0	0.0%	0	0.0%
		9	10.0%	0	0.0%
		0	0.0%	0	0.0%
		1	1.1%		

ACRONYM	C SCIENTIFIC NAME	W WETNESS	PHYSIOGNOMY	COMMON NAME
ACENEG	0 Acer negundo	-2 FACW-	Nt Tree	BOX ELDER
AGRREP	0 AGROPYRON REPENS	3 FACU	Ad P-Grass	QUACK GRASS
AGRALA	0 AGROSTIS ALBA	-3 FACW	Ad P-Grass	REDTOP
AMBTRI	0 Ambrosia trifida	-1 FAC+	Nt A-Forb	GIANT RAGWEED
ANDGER	5 Andropogon gerardii	1 FAC-	Nt P-Grass	BIG BLUESTEM GRASS
ANGATR	7 Angelica atropurpurea	-5 OBL	Nt P-Forb	GREAT ANGELICA
APOCAN	4 Apocynum cannabinum	0 FAC	Nt P-Forb	INDIAN HEMP
ASCINC	4 Asclepias incarnata	-5 OBL	Nt P-Forb	SWAMP MILKWEED
ASCSYR	0 Asclepias syriaca	5 UPL	Nt P-Forb	COMMON MILKWEED
ASTNOV	4 Aster novae-angliae	-3 FACW	Nt P-Forb	NEW ENGLAND ASTER
ASTPIL	0 Aster pilosus	2 FACU+	Nt P-Forb	HAIRY ASTER
ASTPUF	7 Aster puniceus firmus	-5 OBL	Nt P-Forb	SHINING ASTER
ASTSAD	2 Aster sagittifolius drummondii	3 [FACU]	Nt P-Forb	DRUMMOND'S ASTER
ASTSIS	3 Aster simplex	-5 OBL	Nt P-Forb	PANICLED ASTER
BIDVUL	1 Bidens vulgata	3 FACU	Nt A-Forb	TALL BEGGAR'S TICKS
BROCIL	10 Bromus ciliatus	-5 [OBL]	Nt P-Grass	FRINGED BROME
BROINE	0 BROMUS INERMIS	5 UPL	Ad P-Grass	HUNGARIAN BROME
CALCAN	3 Calamagrostis canadensis	-5 OBL	Nt P-Grass	BLUE JOINT GRASS
CXBEBB	6 Carex bebbii	-5 OBL	Nt P-Sedge	BEBB'S OVAL SEDGE
CXGRAV	4 Carex gravida	3 [FACU]	Nt P-Sedge	LONG-AWNED BRACKETED SEDGE
CXLACU	6 Carex lacustris	-5 OBL	Nt P-Sedge	COMMON LAKE SEDGE
CXPELL	4 Carex pellita	-5 OBL	Nt P-Sedge	BROAD-LEAVED WOOLLY SEDGE
CXSTRI	5 Carex stricta	-5 OBL	Nt P-Sedge	COMMON TUSsock SEDGE
CXTRIC	7 Carex trichocarpa	-5 OBL	Nt P-Sedge	HAIRY-FRUITED LAKE SEDGE
CXVULP	2 Carex vulpinoidea	-5 OBL	Nt P-Sedge	BROWN FOX SEDGE
CIRARV	0 CIRSIUM ARVENSE	5 UPL	Ad P-Forb	FIELD THISTLE
COROBL	6 Cornus obliqua	-4 FACW+	Nt Shrub	BLUE-FRUITED DOGWOOD

CORRAC	1	Cornus racemosa	-2	FACW-	Nt Shrub	GRAY DOGWOOD
CORSTO	6	Cornus stolonifera	-3	FACW	Nt Shrub	RED-OSIER DOGWOOD
DAUCAR	0	DAUCUS CAROTA	5	UPL	Ad B-Forb	QUEEN ANNE'S LACE
ELAUMB	0	ELAEAGNUS UMBELLATA	5	UPL	Ad Shrub	AUTUMN OLIVE
ELYCAN	4	Elymus canadensis	1	FAC-	Nt P-Grass	CANADA WILD RYE
EPICOL	3	Epilobium coloratum	-5	OBL	Nt P-Forb	CINNAMON WILLOW HERB
EQUARV	0	Equisetum arvense	0	FAC	Cryptogam	HORSETAIL
ERIANV	0	Erigeron annuus	1	FAC-	Nt B-Forb	ANNUAL FLEABANE
EUPALT	0	Eupatorium altissimum	3	[FACU]	Nt P-Forb	TALL BONESET
EUPMAM	4	Eupatorium maculatum	-5	OBL	Nt P-Forb	SPOTTED JOE PYE WEED
FRAPES	1	Fraxinus pennsylvanica subintegerrima	0	FAC	Nt Tree	GREEN ASH
GEUALS	7	Geum aleppicum strictum	-1	FAC+	Nt P-Forb	YELLOW AVENS
HELAUT	5	Helenium autumnale	-4	FACW+	Nt P-Forb	SNEEZEWEED
HELGRS	2	Helianthus grosseserratus	-2	FACW-	Nt P-Forb	SAWTOOTH SUNFLOWER
JUGNIG	5	Juglans nigra	3	FACU	Nt Tree	BLACK WALNUT
JUNDUD	4	Juncus dudleyi	0	[FAC]	Nt P-Forb	DUDLEY'S RUSH
JUNTOR	4	Juncus torreyi	-3	FACW	Nt P-Forb	TORREY'S RUSH
LINVUL	0	LINARIA VULGARIS	5	UPL	Ad P-Forb	BUTTER-AND-EGGS
LOBSIP	6	Lobelia siphilitica	-4	FACW+	Nt P-Forb	GREAT BLUE LOBELIA
LONBEL	0	LONICERA X BELLA	4	FACU-	Ad Shrub	SHOWY FLY HONEYSUCKLE
LYTALA	7	Lythrum alatum	-5	OBL	Nt P-Forb	WINGED LOOSESTRIFE
MEDLUP	0	MEDICAGO LUPULINA	1	FAC-	Ad A-Forb	BLACK MEDICK
MELALB	0	MELILOTUS ALBA	3	FACU	Ad B-Forb	WHITE SWEET CLOVER
MONFIS	4	Monarda fistulosa	3	FACU	Nt P-Forb	WILD BERGAMOT
PASSAT	0	PASTINACA SATIVA	5	UPL	Ad B-Forb	WILD PARSNIP
PHAAAR	0	PHALARIS ARUNDINACEA	-4	FACW+	Ad P-Grass	REED CANARY GRASS
PHLPRA	0	PHLEUM PRATENSE	3	FACU	Ad P-Grass	TIMOTHY
PLAMAJ	0	PLANTAGO MAJOR	-1	FAC+	Ad P-Forb	COMMON PLANTAIN
POAPRA	0	POA PRATENSIS	1	FAC-	Ad P-Grass	KENTUCKY BLUE GRASS
POPDEL	2	Populus deltoides	-1	FAC+	Nt Tree	EASTERN COTONWOOD
PRUSER	1	Prunus serotina	3	FACU	Nt Tree	WILD BLACK CHERRY
QUEMAC	5	Quercus macrocarpa	1	FAC-	Nt Tree	BUR OAK
RATPIN	4	Ratibida pinnata	5	UPL	Nt P-Forb	YELLOW CONEFLOWER
RHACAT	0	RHAMNUS CATHARTICA	3	FACU	Ad Shrub	COMMON BUCKTHORN
RHAFRA	0	RHAMNUS FRANGULA	-1	FAC+	Ad Shrub	GLOSSY BUCKTHORN
RUBIDS	3	Rubus idaeus strigosus	4	FACU-	Nt Shrub	RED RASPBERRY
RUDTRI	3	Rudbeckia triloba	1	FAC-	Nt A-Forb	BROWN-EYED SUSAN
SALBEB	8	Salix bebbiana	-4	FACW+	Nt Shrub	BEAKED WILLOW
SALDIS	2	Salix discolor	-3	FACW	Nt Shrub	PUSSY WILLOW
SALERI	5	Salix eriocephala	-3	FACW	Nt Shrub	HEART-LEAVED WILLOW
SALINT	1	Salix interior	-5	OBL	Nt Shrub	SANDBAR WILLOW
SALPET	7	Salix petiolaris	-4	FACW+	Nt Shrub	MEADOW WILLOW
SAMCAN	1	Sambucus canadensis	-2	FACW-	Nt Shrub	ELDERBERRY
SCIATR	4	Scirpus atrovirens	-5	OBL	Nt P-Sedge	DARK GREEN RUSH
SCIPEN	4	Scirpus pendulus	-5	OBL	Nt P-Sedge	RED BULRUSH
SOLALT	1	Solidago altissima	3	FACU	Nt P-Forb	TALL GOLDENROD
SOLGIG	4	Solidago gigantea	-3	FACW	Nt P-Forb	LATE GOLDENROD
SOLGRN	3	Solidago graminifolia nuttallii	0	[FAC]	Nt P-Forb	HAIRY GRASS-LEAVED GOLDENROD
SONULI	0	SONCHUS ULIGINOSUS	1	FAC-	Ad P-Forb	COMMON SOW THISTLE
SORNUT	5	Sorghastrum nutans	2	FACU+	Nt P-Grass	INDIAN GRASS
SPAPEC	4	Spartina pectinata	-4	FACW+	Nt P-Grass	PRAIRIE CORD GRASS
SPIALB	7	Spiraea alba	-4	FACW+	Nt Shrub	MEADOWSWEET
THADAD	5	Thalictrum dasycarpum	-2	FACW-	Nt P-Forb	PURPLE MEADOW RUE
TRIHYP	0	TRIFOLIUM HYBRIDUM	1	FAC-	Ad P-Forb	ALSIKE CLOVER
TYPLAT	1	Typha latifolia	-5	OBL	Nt P-Forb	BROAD-LEAVED CATTAIL
TYPGLA	1	Typha X glauca	-5	OBL	Nt P-Forb	HYBRID CATTAIL
VERTHA	0	VERBASCUM THAPSUS	5	UPL	Ad B-Forb	COMMON MULLEIN
VERHAS	4	Verbena hastata	-4	FACW+	Nt P-Forb	BLUE VERVAIN
VERVIR	7	Veronicastrum virginicum	0	FAC	Nt P-Forb	CULVER'S ROOT
VIBLEN	5	Viburnum lentago	-1	FAC+	Nt Shrub	NANNYBERRY
VITRIP	2	Vitis riparia	-2	FACW-	Nt W-Vine	RIVERBANK GRAPE
XANAME	3	Xanthoxylum americanum	5	UPL	Nt Shrub	PRICKLY ASH
ZIZAUR	7	Zizia aurea	-1	FAC+	Nt P-Forb	GOLDEN ALEXANDERS