

Bell Bowl Prairie

Conservatism-Based Metrics:

Total Mean C:	3.1
Native Mean C:	4.8
Total FQI:	37.5
Native FQI:	46.5
Adjusted FQI:	38.5
% C value 0:	43.8
% C value 1-3:	17.1
% C value 4-6:	18.5
% C value 7-10:	20.5
Native Tree Mean C:	1.8
Native Shrub Mean C:	3.6
Native Herbaceous Mean C:	5.3

Species Richness:

Total Species:	146	
Native Species:	94	64.40%
Non-native Species:	52	35.60%

Species Wetness:

Mean Wetness:	1
Native Mean Wetness:	0.9

Physiognomy Metrics:

Tree:	12	8.20%
Shrub:	16	11%
Vine:	3	2.10%
Forb:	85	58.20%
Grass:	23	15.80%
Sedge:	6	4.10%
Rush:	0	0%

Fern:	1	0.70%
Bryophyte:	0	0%

Duration Metrics:

Annual:	19	13%
Perennial:	117	80.10%
Biennial:	10	6.80%
Native Annual:	6	4.10%
Native Perennial:	86	58.90%
Native Biennial:	2	1.40%

Species:

Scientific Name	Family	Acronym	Native?	C	W	Physiognomy	Duration	Common Name
<i>Abutilon theophrasti</i>	Malvaceae	ABUTHE	non-native	0	1	forb	annual	velvetleaf
<i>Acer negundo</i>	Aceraceae	ACENEG	native	0	0	tree	perennial	ash-leaf maple
<i>Achillea millefolium</i>	Asteraceae	ACHMIL	non-native	0	1	forb	perennial	common yarrow
<i>Ageratina altissima</i>	Asteraceae	AGEALT	native	3	1	forb	perennial	white snakeroot
<i>Agrostis stolonifera</i>	Poaceae	AGRALBP	native	2	-1	grass	perennial	spreading bent
<i>Ambrosia artemisiifolia</i>	Asteraceae	AMBART	native	0	1	forb	annual	annual ragweed
<i>Ambrosia trifida</i>	Asteraceae	AMBTRI	native	0	0	forb	annual	great ragweed
<i>Amorpha canescens</i>	Fabaceae	AMOCAN	native	10	2	shrub	perennial	leadplant
<i>Andropogon gerardii</i>	Poaceae	ANDGER	native	5	0	grass	perennial	big bluestem
<i>Anemone caroliniana</i>	Ranunculaceae	ANECAR	native	10	2	forb	perennial	carolina anemone
<i>Anemone cylindrica</i>	Ranunculaceae	ANECYL	native	8	2	forb	perennial	thimbleweed
<i>Anemone patens var. multi?da</i>	Ranunculaceae	ANEPAT	native	10	2	forb	perennial	pasque-flower
<i>Antennaria neglecta</i>	Asteraceae	ANTNEG	native	3	2	forb	perennial	cats-foot
<i>Artemisia dracunculus</i>	Asteraceae	ARTDRA	non-native	0	2	forb	perennial	false tarragon
<i>Artemisia ludoviciana</i>	Asteraceae	ARTLUD	non-native	0	2	forb	perennial	white sage
<i>Asclepias syriaca</i>	Asclepiadaceae	ASCSYR	native	0	1	forb	perennial	common milkweed

<i>Asclepias verticillata</i>	Asclepiadaceae	ASCVER	native	1	1	forb	perennial	whorled milkweed
<i>Berteroa incana</i>	Brassicaceae	BERINC	non-native	0	2	forb	annual	hoary alyssum
<i>Bouteloua curtipendula</i>	Poaceae	BOUCUR	native	8	2	grass	perennial	side-oats grama
<i>Bromus inermis</i>	Poaceae	BROINE	non-native	0	1	grass	perennial	smooth brome
<i>Buchloe dactyloides</i>	Poaceae	BUCDAC	non-native	0	2	grass	perennial	buffalo grass
<i>Calystegia sepium</i>	Convolvulaceae	CALSEP	native	1	0	forb	perennial	hedge false bindweed
<i>Carex blanda</i>	Cyperaceae	CXBLAN	native	1	0	sedge	perennial	eastern woodland sedge
<i>Carex duriuscula</i>	Cyperaceae	CXDURI	non-native	0	2	sedge	perennial	needleleaf sedge
<i>Carex praegracilis</i>	Cyperaceae	CXPRAE	native	0	-1	sedge	perennial	clustered field sedge
<i>Ceanothus americanus</i>	Rhamnaceae	CEAAME	native	6	2	shrub	perennial	new jersey tea
<i>Centaurea stoebe ssp. micranthos</i>	Asteraceae	CENMAC	non-native	0	2	forb	biennial	spotted knapweed
<i>Chloris verticillata</i>	Poaceae	CHLVER	native	0	2	grass	perennial	windmill grass
<i>Cirsium discolor</i>	Asteraceae	CIRDIS	native	3	1	forb	biennial	field thistle
<i>Cirsium vulgare</i>	Asteraceae	CIRVUL	non-native	0	1	forb	biennial	bull thistle
<i>Comandra umbellata</i>	Santalaceae	COMUMB	native	9	1	forb	perennial	bastard-toadflax
<i>Coreopsis palmata</i>	Asteraceae	CORPAL	native	10	2	forb	perennial	prairie tickseed
<i>Cornus obliqua</i>	Cornaceae	COROBL	native	5	-1	shrub	perennial	pale dogwood
<i>Cornus racemosa</i>	Cornaceae	CORRAC	native	1	0	shrub	perennial	gray dogwood
<i>Crataegus crus-galli</i>	Rosaceae	CRACRU	native	3	0	tree	perennial	cock-spur hawthorn
<i>Crataegus mollis</i>	Rosaceae	CRAMOL	native	2	0	tree	perennial	downy hawthorn
<i>Cyperus esculentus</i>	Cyperaceae	CYPESC	native	0	-1	sedge	perennial	chufa
<i>Cyperus lupulinus</i>	Cyperaceae	CYPFIL	native	5	1	sedge	perennial	great plains flat sedge
<i>Dalea candida</i>	Fabaceae	DALCAN	native	10	2	forb	perennial	white prairie-clover
<i>Dalea purpurea</i>	Fabaceae	DALPUR	native	9	2	forb	perennial	purple prairie-clover

<i>Daucus carota</i>	Apiaceae	DAUCAR	non-native	0	2	forb	biennial	queen annes lace
<i>Desmodium illinoense</i>	Fabaceae	DESILL	native	9	2	forb	perennial	illinois tick-trefoil
<i>Dichanthelium oligosanthes</i>	Poaceae	DICOLI	native	4	1	grass	perennial	hellers rosette grass
<i>Digitaria ischaemum</i>	Poaceae	DIGISC	non-native	0	1	grass	annual	smooth crab grass
<i>Dodecatheon meadia</i>	Primulaceae	DODMEA	native	6	1	forb	perennial	pride-of-ohio
<i>Drymocallis arguta</i>	Rosaceae	DRYARG	native	10	1	forb	perennial	prairie cinquefoil
<i>Ellisia nyctelea</i>	Hydrophyllaceae	ELLYNC	native	2	0	forb	annual	aunt lucy
<i>Equisetum hyemale</i>	Equisetaceae	EQUHYE	native	1	-1	fern	perennial	tall scouring-rush
<i>Erigeron strigosus</i>	Asteraceae	ERISTR	native	5	1	forb	annual	prairie fleabane
<i>Eriochloa villosa</i>	Poaceae	ERIVIL	non-native	0	2	grass	annual	chinese cup grass
<i>Eupatorium altissimum</i>	Asteraceae	EUPALT	native	0	2	forb	perennial	tall boneset
<i>Euphorbia corollata</i>	Euphorbiaceae	EUPCOR	native	4	2	forb	perennial	flowering spurge
<i>Fraxinus pennsylvanica</i>	Oleaceae	FRAPEN	native	4	-1	tree	perennial	green ash
<i>Froelichia gracilis</i>	Amaranthaceae	FROGRA	non-native	0	2	forb	annual	small cottonweed
<i>Gentiana puberulenta</i>	Gentianaceae	GENPUB	native	10	2	forb	perennial	downy gentian
<i>Geum triflorum</i>	Rosaceae	GEUTRI	native	10	1	forb	perennial	old-mans-whiskers
<i>Gleditsia triacanthos</i>	Fabaceae	GLETRI	native	1	1	tree	perennial	honey-locust
<i>Heliopsis helianthoides</i>	Asteraceae	HELHEL	native	7	1	forb	perennial	smooth oxeye
<i>Heuchera richardsonii</i>	Saxifragaceae	HEURIC	native	10	1	forb	perennial	richardsons alumroot
<i>Hypericum punctatum</i>	Clusiaceae	HYPPUN	native	4	0	forb	perennial	spotted st. johns-wort
<i>Juncus torreyi</i>	Juncaceae	JUNTOR	native	2	-1	forb	perennial	torreys rush june
<i>Koeleria macrantha</i>	Poaceae	KOECRI	native	8	2	grass	perennial	grass
<i>Leptoloma cognatum</i>	Poaceae	LEPCOG	native	1	2	grass	perennial	fall witch grass
<i>Lespedeza capitata</i>	Fabaceae	LESCAP	native	4	1	forb	perennial	round-head bush-clover
<i>Leucanthemum vulgare</i>	Asteraceae	CHRLEU	non-native	0	2	forb	perennial	ox-eye daisy
<i>Liatris aspera</i>	Asteraceae	LIAASP	native	8	2	forb	perennial	rough gayfeather
<i>Liatris cylindracea</i>	Asteraceae	LIACYL	native	10	2	forb	perennial	cylindrical gayfeather

<i>Linaria vulgaris</i>	Scrophulariaceae	LINVUL	non-native	0	2	forb	perennial	butter-and-eggs
<i>Lithospermum incisum</i>	Boraginaceae	LITINC	native	10	2	forb	perennial	fringed puccoon
<i>Lonicera maackii</i>	Caprifoliaceae	LONMAA	non-native	0	2	shrub	perennial	amur honeysuckle
<i>Lonicera tatarica</i>	Caprifoliaceae	LONTAT	non-native	0	1	shrub	perennial	twinsisters
<i>Lotus corniculatus</i>	Fabaceae	LOTCOR	non-native	0	1	forb	perennial	garden birds-foot-trefoil
<i>Medicago sativa</i>	Fabaceae	MEDSAT	non-native	0	1	forb	perennial	alfalfa
<i>Melilotus albus</i>	Fabaceae	MELALB	non-native	0	2	forb	biennial	white sweet-clover
<i>Melilotus officinalis</i>	Fabaceae	MELLOF	native	0	1	forb	biennial	yellow sweet-clover
<i>Minuartia michauxii</i>	Caryophyllaceae	ARESTR	native	10	2	forb	perennial	stiff sandwort
<i>Monarda fistulosa</i>	Lamiaceae	MONFIS	native	4	1	forb	perennial	oswego-tea
<i>Morus alba</i>	Moraceae	MORALB	non-native	0	0	tree	perennial	white mulberry
<i>Nothocalais cuspidata</i>	Asteraceae	AGOCUS	native	10	2	forb	perennial	prairie dandelion
<i>Oenothera rhombipetala</i>	Onagraceae	OENRHO	native	5	1	forb	biennial	greater four-point evening-primrose
<i>Opuntia humifusa</i>	Cactaceae	OPUHUM	native	5	2	shrub	perennial	common prickly-pear
<i>Oxalis violacea</i>	Oxalidaceae	OXAVIO	native	8	2	forb	perennial	purple wood-sorrel
<i>Panicum dichotomiflorum</i>	Poaceae	PANDIC	native	0	-1	grass	annual	fall panic grass
<i>Panicum virgatum</i>	Poaceae	PANVIR	native	3	0	grass	perennial	wand panic grass
<i>Parthenium integrifolium</i>	Asteraceae	PARINT	native	8	2	forb	perennial	wild quinine
<i>Parthenocissus quinquefolia</i>	Vitaceae	PARQUI	native	4	1	vine	perennial	virginia-creeper
<i>Pascopyrum smithii</i>	Poaceae	AGRSMI	non-native	0	1	grass	perennial	western-wheat grass
<i>Pastinaca sativa</i>	Apiaceae	PASSAT	non-native	0	2	forb	biennial	parsnip
<i>Penstemon grandiflorus</i>	Scrophulariaceae	PENGRN	non-native	0	2	forb	perennial	large-flower beardstongue

<i>Penstemon pallidus</i>	Scrophulariaceae	PENPAL	native	9	2	forb	perennial	pale beardtongue
<i>Persicaria maculosa</i>	Polygonaceae	PERMAC	non-native	0	-1	forb	annual	lady's-thumb
<i>Phalaris arundinacea</i>	Poaceae	PHAARU	non-native	0	-1	grass	perennial	reed canary grass
<i>Plantago lanceolata</i>	Plantaginaceae	PLALAN	non-native	0	1	forb	perennial	english plantain
<i>Poa pratensis</i>	Poaceae	POAPRA	non-native	0	0	grass	perennial	kentucky blue grass
<i>Poinsettia dentata</i>	Euphorbiaceae	EUPDEN	native	0	2	forb	annual	wild poinsettia
<i>Populus deltoides</i>	Salicaceae	POPDEL	native	0	0	tree	perennial	eastern cottonwood
<i>Potentilla norvegica</i>	Rosaceae	POTNOR	native	0	0	forb	annual	norwegian cinquefoil
<i>Prunus americana</i>	Rosaceae	PRUAME	native	3	2	tree	perennial	american plum
<i>Prunus serotina</i>	Rosaceae	PRUSER	native	0	1	shrub	perennial	black cherry
<i>Ptelea trifoliata</i>	Rutaceae	PTETRI	non-native	4	1	shrub	perennial	common hoptree
<i>Ratibida columnifera</i>	Asteraceae	RATCOL	native	0	2	forb	perennial	long-head coneflower
<i>Ratibida pinnata</i>	Asteraceae	RATPIN	non-native	4	2	forb	perennial	yellow coneflower
<i>Rhamnus cathartica</i>	Rhamnaceae	RHACAT	native	0	0	shrub	perennial	european buckthorn
<i>Rhus glabra</i>	Anacardiaceae	RHUGLA	native	1	2	shrub	perennial	smooth sumac
<i>Rhus hirta</i>	Anacardiaceae	RHUHIR	non-native	1	2	tree	perennial	staghorn sumac
<i>Robinia pseudoacacia</i>	Fabaceae	ROBPSE	native	0	1	tree	perennial	black locust
<i>Rosa carolina</i>	Rosaceae	ROSCAR	non-native	5	1	shrub	perennial	carolina rose
<i>Rosa multiflora</i>	Rosaceae	ROSMUL	native	0	1	shrub	perennial	rambler rose
<i>Rubus occidentalis</i>	Rosaceae	RUBOCC	native	0	2	shrub	perennial	black raspberry
<i>Ruellia humilis</i>	Acanthaceae	RUEHUM	non-native	8	1	forb	perennial	fringe-leaf wild petunia
<i>Salix fragilis</i>	Salicaceae	SALFRA	native	0	2	tree	perennial	crack willow
<i>Salix interior</i>	Salicaceae	SALINT	native	2	-1	shrub	perennial	sandbar willow

<i>Saponaria officinalis</i>	Caryophyllaceae	SAPOFF	non-native	0	1	forb	perennial	bouncing-bett
<i>Schizachyrium scoparium</i>	Poaceae	ANDSCO	native	5	1	grass	perennial	little false bluestem
<i>Schoenoplectus pungens</i>	Cyperaceae	SCHPUN	native	4	-2	sedge	perennial	three-square
<i>Schrankia nuttallii</i>	Mimosaceae	SCHNUT	non-native	0	2	forb	perennial	sensitive brier
<i>Setaria faberi</i>	Poaceae	SETFAB	non-native	0	1	grass	annual	japanese bristle grass
<i>Setaria pumila</i>	Poaceae	SETGLA	non-native	0	0	grass	annual	yellow bristle grass
<i>Silene latifolia</i>	Caryophyllaceae	LYCALB	non-native	0	2	forb	annual	white campion
<i>Sisyrinchium albidum</i>	Iridaceae	SISALB	native	6	1	forb	perennial	white blue-eyed-grass
<i>Solanum carolinense</i>	Solanaceae	SOLCAR	non-native	0	1	forb	perennial	carolina horse-nettle
<i>Solanum physalifolium</i>	Solanaceae	SOLPHY	non-native	0	2	forb	annual	hairy nightshade
<i>Solanum rostratum</i>	Solanaceae	SOLROS	non-native	0	2	forb	annual	buffalo-bur
<i>Solidago altissima</i>	Asteraceae	SOLALT	native	1	1	forb	perennial	tall goldenrod
<i>Solidago gigantea</i>	Asteraceae	SOLGIG	native	4	-1	forb	perennial	late goldenrod
<i>Sorghastrum nutans</i>	Poaceae	SORNUT	native	5	1	grass	perennial	yellow indian grass
<i>Spartina pectinata</i>	Poaceae	SPAPEC	native	4	-1	grass	perennial	freshwater cord grass
<i>Sporobolus cryptandrus</i>	Poaceae	SPOCRY	native	3	1	grass	perennial	sand dropseed
<i>Sporobolus heterolepis</i>	Poaceae	SPOHET	native	10	1	grass	perennial	prairie dropseed
<i>Stellaria media</i>	Caryophyllaceae	STEMED	non-native	0	1	forb	annual	common chickweed
<i>Symphyotrichum ericoides</i>	Asteraceae	ASTERI	native	6	1	forb	perennial	white heath american-aster
<i>Symphyotrichum laeve</i>	Asteraceae	ASTLAE	native	9	1	forb	perennial	smooth blue american-aster
<i>Symphyotrichum oblongifolium</i>	Asteraceae	ASTOBL	native	9	2	forb	perennial	oblong-leaf aster
<i>Symphyotrichum pilosum</i>	Asteraceae	ASTPIL	native	0	1	forb	perennial	white oldfield american-aster
<i>Symphyotrichum sericeum</i>	Asteraceae	ASTSER	native	10	2	forb	perennial	silky aster

<i>Taraxacum officinale</i>	Asteraceae	TAROFF	non-native	0	1	forb	perennial	common dandelion
<i>Toxicodendron radicans</i>	Anacardiaceae	RHURAD	native	2	0	vine	perennial	eastern poison-ivy
<i>Tragopogon dubius</i>	Asteraceae	TRADUB	non-native	0	2	forb	biennial	sand goats-beard
<i>Trifolium pratense</i>	Fabaceae	TRIPRA	native	0	1	forb	perennial	red clover
<i>Ulmus pumila</i>	Ulmaceae	ULMPUM	non-native	0	2	tree	perennial	siberian elm
<i>Verbascum thapsus</i>	Scrophulariaceae	VERTHA	native	0	2	forb	biennial	woolly mullein
<i>Verbena stricta</i>	Verbenaceae	VERSTR	native	4	2	forb	perennial	hoary vervain
<i>Vernonia fasciculata</i>	Asteraceae	VERFAS	native	8	-1	forb	perennial	prairie ironweed
<i>Viburnum lentago</i>	Caprifoliaceae	VIBLEN	native	4	0	shrub	perennial	nanny-berry
<i>Viola sororia</i>	Violaceae	VIOSOR	native	3	0	forb	perennial	hooded blue violet
<i>Vitis riparia</i>	Vitaceae	VITRIP	native	1	-1	vine	perennial	river-bank grape