

Natural Areas Site
Assessment and
Management Report

APPENDIX

A

FLORISTIC QUALITY
INVENTORY AND ANALYSIS
SHEETS

Appendix A

Floristic Quality Inventory and Analysis Sheets

Table of Contents

A.1 Arbor Park.....	1
A.2 Brookside Bayous Park	5
A.3 Candle Creek Park.....	9
A.4 Champions Park.....	11
A.5 Community Park.....	14
A.6 Crystal Lake Park	17
A.7 Indian Boundary South Park	20
A.8 Island Prairie Park.....	24
A.9 Island Prairie Park: Greenhouse	29
A.10 Island Prairie Park: Interpretive Garden	33
A.11 Island Prairie Park: Island.....	38
A.12 Lake of the Glens Park.....	40
A.13 LaPorte Meadows Park	44
A.14 Light House Point Park.....	48
A.15 Lincoln-Way North Park.....	54
A.16 Lincoln-Way North Park: EAC Garden.....	58
A.17 Old Plank Trail Park	61
A.18 Ridgefield Park	64
A.19 Square Links Golf Course	66
A.20 Union Creek Park	69
A.21 Union Creek Park: Creek Corridor	72
A.22 Union Creek Park: Sled-hill.....	75
A.23 White Oak Park.....	77
A.24 Woodlawn Park.....	80

A.1 Arbor Park

FQA Database information:

Data collected: 6-15-2022

Region: **Flora of the Chicago Region**

Year Published: **2017**

Description:

Flora of the Chicago Region UFQA Database. 2018. Kenneth Johnson. [As per Flora of the Chicago Region: A Floristic and Ecological Synthesis. 2017. Gerould Wilhelm and Laura Rericha. Indiana Academy of Science. Indianapolis, IN.]

Conservation Based Metrics:

Total Mean C:	3.4
Native Mean C:	4.4
Total FQI:	29.4
Native FQI:	33.5
Adjusted FQI:	38.7
% C value 0:	30.7%
% C value 1-3:	20%
% C value 4-6:	32%
% C value 7-10:	17.3%
Native Tree Mean C:	2.5
Native Shrub Mean C:	6
Native Herbaceous Mean C:	4.5

Species Richness

Total Species:	75
Native Species:	58 (77.3%)
Non-native Species:	17 (22.7%)

Species Wetness:

Mean Wetness:	-0
Native Mean Wetness:	-0.2

Physiognomy Metrics:

Tree:	4 (5.3%)
Shrub:	2 (2.7%)
Vine:	0 (0%)
Forb:	48 (64%)
Grass:	13 (17.3%)
Sedge:	8 (10.7%)
Rush:	0 (0%)
Fern:	0 (0%)
Bryophyte:	0 (0%)

Duration Metrics:

Annual:	7 (9.3%)
Perennial:	62 (82.7%)
Biennial:	6 (8%)
Native Annual:	4 (5.3%)
Native Perennial:	52 (69.3%)
Native Biennial:	2 (2.7%)

Arbor Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Ambrosia artemisiifolia</i>	Asteraceae	native	0	forb	annual	common ragweed
<i>Amorpha canescens</i>	Fabaceae	native	10	shrub	perennial	lead plant
<i>Andropogon gerardii</i>	Poaceae	native	5	grass	perennial	big bluestem
<i>Asclepias incarnata</i>	Asclepiadaceae	native	3	forb	perennial	swamp milkweed
<i>Asclepias syriaca</i>	Asclepiadaceae	native	0	forb	perennial	common milkweed
<i>Asclepias tuberosa</i>	Asclepiadaceae	native	8	forb	perennial	butterfly weed
<i>Asparagus officinalis</i>	Asparagaceae	non-native	0	forb	perennial	asparagus
<i>Baptisia lactea</i>	Fabaceae	native	8	forb	perennial	white wild indigo
<i>Betula nigra</i>	Betulaceae	native	5	tree	perennial	river birch
<i>Bolboschoenus fluviatilis</i>	Cyperaceae	native	3	sedge	perennial	river bulrush
<i>Carex brevior</i>	Cyperaceae	native	3	sedge	perennial	plains oval sedge
<i>Carex comosa</i>	Cyperaceae	native	5	sedge	perennial	bristly sedge
<i>Carex cristatella</i>	Cyperaceae	native	4	sedge	perennial	crested oval sedge
<i>Carex vulpinoidea</i>	Cyperaceae	native	2	sedge	perennial	brown fox sedge
<i>Chamaecrista fasciculata</i>	Caesalpiaceae	native	4	forb	annual	common partridge pea
<i>Cirsium arvense</i>	Asteraceae	non-native	0	forb	perennial	field thistle
<i>Cirsium vulgare</i>	Asteraceae	non-native	0	forb	biennial	bull thistle
<i>Dalea purpurea</i>	Fabaceae	native	9	forb	perennial	purple prairie clover
<i>Daucus carota</i>	Apiaceae	non-native	0	forb	biennial	queen annes lace
<i>Echinacea purpurea</i>	Asteraceae	native	10	forb	perennial	purple coneflower
<i>Eleocharis palustris</i>	Cyperaceae	native	7	sedge	perennial	marsh spikerush
<i>Elymus virginicus</i>	Poaceae	native	3	grass	perennial	virginia wild rye
<i>Erigeron strigosus</i>	Asteraceae	native	5	forb	biennial	daisy fleabane
<i>Eryngium yuccifolium</i>	Apiaceae	native	9	forb	perennial	rattlesnake master
<i>Eupatorium perfoliatum</i>	Asteraceae	native	4	forb	perennial	common boneset
<i>Eutrochium maculatum</i>	Asteraceae	native	5	forb	perennial	spotted joe pye weed
<i>Fraxinus lanceolata</i>	Oleaceae	native	1	tree	perennial	green ash
<i>Helianthus grosseserratus</i>	Asteraceae	native	4	forb	perennial	sawtooth sunflower
<i>Heliopsis helianthoides</i>	Asteraceae	native	7	forb	perennial	false sunflower
<i>Hibiscus palustris</i>	Malvaceae	native	7	forb	perennial	northern rose mallow

Arbor Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Hordeum jubatum</i>	Poaceae	native	0	grass	annual	squirrel-tail barley
<i>Hypericum perforatum</i>	Hypericaceae	non-native	0	forb	perennial	common st johns wort
<i>Iris pseudacorus</i>	Iridaceae	non-native	0	forb	perennial	tall yellow iris
<i>Iris virginica</i> var. <i>shrevei</i>	Iridaceae	native	5	forb	perennial	blue flag
<i>Juncus effusus</i>	Juncaceae	native	5	forb	perennial	soft rush
<i>Malus ioensis</i>	Rosaceae	native	4	tree	perennial	iowa crab apple
<i>Medicago lupulina</i>	Fabaceae	non-native	0	forb	biennial	black medick
<i>Melilotus officinalis</i>	Fabaceae	non-native	0	forb	biennial	yellow sweet clover
<i>Oenothera biennis</i>	Onagraceae	native	0	forb	biennial	common evening primrose
<i>Oligoneuron rigidum</i>	Asteraceae	native	3	forb	perennial	stiff goldenrod
<i>Packera glabella</i>	Asteraceae	non-native	0	forb	annual	butterweed
<i>Panicum virgatum</i>	Poaceae	native	3	grass	perennial	switch grass
<i>Penstemon digitalis</i>	Scrophulariaceae	native	4	forb	perennial	foxglove beard tongue
<i>Persicaria pensylvanica</i>	Polygonaceae	native	0	forb	annual	pinkweed
<i>Phalaris arundinacea</i>	Poaceae	non-native	0	grass	perennial	reed canary grass
<i>Phragmites australis</i>	Poaceae	non-native	0	grass	perennial	common reed
<i>Poa compressa</i>	Poaceae	non-native	0	grass	perennial	canada bluegrass
<i>Poa pratensis</i>	Poaceae	non-native	0	grass	perennial	kentucky bluegrass
<i>Pontederia cordata</i>	Pontederiaceae	native	9	forb	perennial	pickerelweed
<i>Populus deltoides</i>	Salicaceae	native	0	tree	perennial	eastern cottonwood
<i>Pycnanthemum virginianum</i>	Lamiaceae	native	5	forb	perennial	common mountain mint
<i>Ratibida pinnata</i>	Asteraceae	native	4	forb	perennial	yellow coneflower
<i>Rudbeckia hirta</i>	Asteraceae	native	1	forb	perennial	black-eyed susan
<i>Rudbeckia subtomentosa</i>	Asteraceae	native	8	forb	perennial	sweet black-eyed susan
<i>Rumex crispus</i>	Polygonaceae	non-native	0	forb	perennial	curly dock
<i>Sagittaria latifolia</i>	Alismataceae	native	3	forb	perennial	common arrowhead
<i>Salix interior</i>	Salicaceae	native	2	shrub	perennial	sandbar willow
<i>Schizachyrium scoparium</i>	Poaceae	native	5	grass	perennial	little bluestem
<i>Schoenoplectus tabernaemontani</i>	Cyperaceae	native	3	sedge	perennial	great bulrush
<i>Scirpus atrovirens</i>	Cyperaceae	native	4	sedge	perennial	dark green rush

Arbor Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
Setaria pumila	Poaceae	non-native	0	grass	annual	yellow foxtail
Setaria viridis	Poaceae	non-native	0	grass	annual	green foxtail
Silphium integrifolium	Asteraceae	native	5	forb	perennial	rosinweed
Silphium laciniatum	Asteraceae	native	5	forb	perennial	compass plant
Silphium perfoliatum	Asteraceae	native	5	forb	perennial	cup plant
Solidago altissima	Asteraceae	native	1	forb	perennial	tall goldenrod
Solidago canadensis	Asteraceae	native	1	forb	perennial	canada goldenrod
Sparganium eurycarpum	Sparganiaceae	native	5	forb	perennial	common bur reed
Spartina pectinata	Poaceae	native	4	grass	perennial	prairie cordgrass
Sporobolus heterolepis	Poaceae	native	10	grass	perennial	prairie dropseed
Tradescantia ohiensis	Commelinaceae	native	3	forb	perennial	common spiderwort
Trifolium pratense	Fabaceae	non-native	0	forb	perennial	red clover
Typha latifolia	Typhaceae	native	5	forb	perennial	broad-leaved cattail
Verbena hastata	Verbenaceae	native	4	forb	perennial	blue vervain
Vernonia fasciculata	Asteraceae	native	8	forb	perennial	common ironweed

A.2 Brookside Bayous Park

FQA Database information:

Data collected: 6-15-2022

Region: **Flora of the Chicago Region**

Year Published: **2017**

Description:

Flora of the Chicago Region UFQA Database. 2018. Kenneth Johnson. [As per Flora of the Chicago Region: A Floristic and Ecological Synthesis. 2017. Gerould Wilhelm and Laura Rericha. Indiana Academy of Science. Indianapolis, IN.]

Conservation Based Metrics:

Total Mean C:	2.6
Native Mean C:	3.5
Total FQI:	22.2
Native FQI:	26
Adjusted FQI:	30.4
% C value 0:	37%
% C value 1-3:	21.9%
% C value 4-6:	32.9%
% C value 7-10:	8.2%
Native Tree Mean C:	1.4
Native Shrub Mean C:	2.5
Native Herbaceous Mean C:	3.8

Species Richness

Total Species:	73
Native Species:	55 (75.3%)
Non-native Species:	18 (24.7%)

Species Wetness:

Mean Wetness:	-0.3
Native Mean Wetness:	-0.6

Physiognomy Metrics:

Tree:	6 (8.2%)
Shrub:	5 (6.8%)
Vine:	4 (5.5%)
Forb:	38 (52.1%)
Grass:	12 (16.4%)
Sedge:	8 (11%)
Rush:	0 (0%)
Fern:	0 (0%)
Bryophyte:	0 (0%)

Duration Metrics:

Annual:	7 (9.6%)
Perennial:	62 (84.9%)
Biennial:	4 (5.5%)
Native Annual:	5 (6.8%)
Native Perennial:	49 (67.1%)
Native Biennial:	1 (1.4%)

Brookside Bayous Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Acer saccharinum</i>	Sapindaceae	native	1	tree	perennial	silver maple
<i>Ageratina altissima</i>	Asteraceae	native	3	forb	perennial	white snakeroot
<i>Alisma subcordatum</i>	Alismataceae	native	3	forb	perennial	common water plantain
<i>Ambrosia trifida</i>	Asteraceae	native	0	forb	annual	giant ragweed
<i>Andropogon gerardii</i>	Poaceae	native	5	grass	perennial	big bluestem
<i>Apocynum cannabinum</i>	Apocynaceae	native	6	forb	perennial	hairy dogbane
<i>Arctium minus</i>	Asteraceae	non-native	0	forb	biennial	common burdock
<i>Asclepias syriaca</i>	Asclepiadaceae	native	0	forb	perennial	common milkweed
<i>Betula nigra</i>	Betulaceae	native	5	tree	perennial	river birch
<i>Bidens frondosa</i>	Asteraceae	native	1	forb	annual	common beggars ticks
<i>Calamagrostis canadensis</i>	Poaceae	native	6	grass	perennial	blue joint grass
<i>Carex crinita</i>	Cyperaceae	native	7	sedge	perennial	fringed sedge
<i>Carex cristatella</i>	Cyperaceae	native	4	sedge	perennial	crested oval sedge
<i>Carex vulpinoidea</i>	Cyperaceae	native	2	sedge	perennial	brown fox sedge
<i>Chasmanthium latifolium</i>	Poaceae	native	7	grass	perennial	indian woodoats
<i>Cirsium arvense</i>	Asteraceae	non-native	0	forb	perennial	field thistle
<i>Cornus racemosa</i>	Cornaceae	native	1	shrub	perennial	gray dogwood
<i>Daucus carota</i>	Apiaceae	non-native	0	forb	biennial	queen annes lace
<i>Duchesnea indica</i>	Rosaceae	non-native	0	forb	perennial	indian strawberry
<i>Eleocharis palustris</i>	Cyperaceae	native	7	sedge	perennial	marsh spikerush
<i>Erigeron strigosus</i>	Asteraceae	native	5	forb	biennial	daisy fleabane
<i>Eupatorium perfoliatum</i>	Asteraceae	native	4	forb	perennial	common boneset
<i>Eutrochium maculatum</i>	Asteraceae	native	5	forb	perennial	spotted joe pye weed
<i>Fragaria virginiana</i>	Rosaceae	native	0	forb	perennial	wild strawberry
<i>Fraxinus lanceolata</i>	Oleaceae	native	1	tree	perennial	green ash
<i>Galium aparine</i>	Rubiaceae	native	0	forb	annual	wild velcro
<i>Geum laciniatum</i>	Rosaceae	native	3	forb	perennial	rough avens
<i>Glechoma hederacea</i>	Lamiaceae	non-native	0	forb	perennial	creeping charlie
<i>Helianthus grosseserratus</i>	Asteraceae	native	4	forb	perennial	sawtooth sunflower
<i>Hordeum jubatum</i>	Poaceae	native	0	grass	annual	squirrel-tail barley

Brookside Bayous Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Juncus effusus</i>	Juncaceae	native	5	forb	perennial	soft rush
<i>Lactuca serriola</i>	Asteraceae	non-native	0	forb	biennial	prickly lettuce
<i>Leucanthemum vulgare</i> var. <i>pinnatifidum</i>	Asteraceae	non-native	0	forb	perennial	ox-eye daisy
<i>Lycopus americanus</i>	Lamiaceae	native	4	forb	perennial	common water horehound
<i>Lythrum salicaria</i>	Lythraceae	non-native	0	forb	perennial	purple loosestrife
<i>Morus alba</i>	Moraceae	non-native	0	tree	perennial	white mulberry
<i>Packera glabella</i>	Asteraceae	non-native	0	forb	annual	butterweed
<i>Panicum virgatum</i>	Poaceae	native	3	grass	perennial	switch grass
<i>Parthenocissus quinquefolia</i>	Vitaceae	native	4	vine	perennial	virginia creeper
<i>Penstemon digitalis</i>	Scrophulariaceae	native	4	forb	perennial	foxglove beard tongue
<i>Persicaria pensylvanica</i>	Polygonaceae	native	0	forb	annual	pinkweed
<i>Phalaris arundinacea</i>	Poaceae	non-native	0	grass	perennial	reed canary grass
<i>Phragmites australis</i>	Poaceae	non-native	0	grass	perennial	common reed
<i>Physocarpus opulifolius</i>	Rosaceae	native	5	shrub	perennial	ninebark
<i>Pontederia cordata</i>	Pontederiaceae	native	9	forb	perennial	pickerelweed
<i>Populus deltoides</i>	Salicaceae	native	0	tree	perennial	eastern cottonwood
<i>Potentilla simplex</i>	Rosaceae	native	3	forb	perennial	common cinquefoil
<i>Prunus serotina</i>	Rosaceae	native	0	tree	perennial	wild black cherry
<i>Pycnanthemum virginianum</i>	Lamiaceae	native	5	forb	perennial	common mountain mint
<i>Rhamnus cathartica</i>	Rhamnaceae	non-native	0	shrub	perennial	common buckthorn
<i>Rubus occidentalis</i>	Rosaceae	native	0	shrub	perennial	black raspberry
<i>Rumex crispus</i>	Polygonaceae	non-native	0	forb	perennial	curly dock
<i>Sagittaria latifolia</i>	Alismataceae	native	3	forb	perennial	common arrowhead
<i>Sambucus canadensis</i>	Adoxaceae	native	4	shrub	perennial	elderberry
<i>Schizachyrium scoparium</i>	Poaceae	native	5	grass	perennial	little bluestem
<i>Schoenoplectus acutus</i>	Cyperaceae	native	5	sedge	perennial	hard-stemmed bulrush
<i>Schoenoplectus tabernaemontani</i>	Cyperaceae	native	3	sedge	perennial	great bulrush
<i>Scirpus atrovirens</i>	Cyperaceae	native	4	sedge	perennial	dark green rush
<i>Scirpus cyperinus</i>	Cyperaceae	native	6	sedge	perennial	woolgrass
<i>Securigera varia</i>	Fabaceae	non-native	0	forb	perennial	crown vetch

Brookside Bayous Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
Setaria viridis	Poaceae	non-native	0	grass	annual	green foxtail
Solanum dulcamara	Solanaceae	non-native	0	vine	perennial	deadly nightshade
Solidago altissima	Asteraceae	native	1	forb	perennial	tall goldenrod
Solidago canadensis	Asteraceae	native	1	forb	perennial	canada goldenrod
Sonchus uliginosus	Asteraceae	non-native	0	forb	perennial	common sow thistle
Sorghastrum nutans	Poaceae	native	5	grass	perennial	indian grass
Spartina pectinata	Poaceae	native	4	grass	perennial	prairie cordgrass
Sporobolus heterolepis	Poaceae	native	10	grass	perennial	prairie dropseed
Toxicodendron radicans	Anacardiaceae	native	2	vine	perennial	poison ivy
Typha latifolia	Typhaceae	native	5	forb	perennial	broad-leaved cattail
Verbena hastata	Verbenaceae	native	4	forb	perennial	blue vervain
Vernonia fasciculata	Asteraceae	native	8	forb	perennial	common ironweed
Vitis riparia	Vitaceae	native	1	vine	perennial	riverbank grape

A.3 Candle Creek Park

FQA Database information:

Data collected: 6-15-2022

Region: **Flora of the Chicago Region**

Year Published: **2017**

Description:

Flora of the Chicago Region UFQA Database. 2018. Kenneth Johnson. [As per Flora of the Chicago Region: A Floristic and Ecological Synthesis. 2017. Gerould Wilhelm and Laura Rericha. Indiana Academy of Science. Indianapolis, IN.]

Conservation Based Metrics:

Total Mean C:	0.7
Native Mean C:	1.6
Total FQI:	2.8
Native FQI:	4.2
Adjusted FQI:	10.6
% C value 0:	68.8%
% C value 1-3:	25%
% C value 4-6:	6.3%
% C value 7-10:	0%
Native Tree Mean C:	0.7
Native Shrub Mean C:	3
Native Herbaceous Mean C:	1.5

Species Richness

Total Species:	16
Native Species:	7 (43.8%)
Non-native Species:	9 (56.3%)

Species Wetness:

Mean Wetness:	0.4
Native Mean Wetness:	-0.4

Physiognomy Metrics:

Tree:	3 (18.8%)
Shrub:	3 (18.8%)
Vine:	0 (0%)
Forb:	8 (50%)
Grass:	2 (12.5%)
Sedge:	0 (0%)
Rush:	0 (0%)
Fern:	0 (0%)
Bryophyte:	0 (0%)

Duration Metrics:

Annual:	0 (0%)
Perennial:	15 (93.8%)
Biennial:	1 (6.3%)
Native Annual:	0 (0%)
Native Perennial:	7 (43.8%)
Native Biennial:	0 (0%)

Candle Creek Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
Acer negundo	Sapindaceae	native	0	tree	perennial	boxelder
Acer saccharinum	Sapindaceae	native	1	tree	perennial	silver maple
Asclepias syriaca	Asclepiadaceae	native	0	forb	perennial	common milkweed
Cirsium arvense	Asteraceae	non-native	0	forb	perennial	field thistle
Dipsacus fullonum	Dipsacaceae	non-native	0	forb	biennial	common teasel
Fraxinus lanceolata	Oleaceae	native	1	tree	perennial	green ash
Geum laciniatum	Rosaceae	native	3	forb	perennial	rough avens
Melilotus albus	Fabaceae	non-native	0	forb	biennial	white sweet clover
Plantago lanceolata	Plantaginaceae	non-native	0	forb	perennial	english plantain
Plantago major	Plantaginaceae	non-native	0	forb	perennial	common plantain
Poa compressa	Poaceae	non-native	0	grass	perennial	canada bluegrass
Poa pratensis	Poaceae	non-native	0	grass	perennial	kentucky bluegrass
Rhamnus cathartica	Rhamnaceae	non-native	0	shrub	perennial	common buckthorn
Salix interior	Salicaceae	native	2	shrub	perennial	sandbar willow
Sambucus canadensis	Adoxaceae	native	4	shrub	perennial	elderberry
Securigera varia	Fabaceae	non-native	0	forb	perennial	crown vetch
Taraxacum officinale	Asteraceae	non-native	0	forb	perennial	common dandelion

A.4 Champions Park

FQA Database information:

Data collected: 7-20-2022

Region: **Flora of the Chicago Region**

Year Published: **2017**

Description:

Flora of the Chicago Region UFQA Database. 2018. Kenneth Johnson. [As per Flora of the Chicago Region: A Floristic and Ecological Synthesis. 2017. Gerould Wilhelm and Laura Rericha. Indiana Academy of Science. Indianapolis, IN.]

Conservation Based Metrics:

Total Mean C:	0.8
Native Mean C:	2
Total FQI:	5
Native FQI:	7.7
Adjusted FQI:	12.4
% C value 0:	76.9%
% C value 1-3:	15.4%
% C value 4-6:	7.7%
% C value 7-10:	0%
Native Tree Mean C:	1
Native Shrub Mean C:	n/a
Native Herbaceous Mean C:	2.1

Species Richness

Total Species:	39
Native Species:	15 (38.5%)
Non-native Species:	24 (61.5%)

Species Wetness:

Mean Wetness:	0.4
Native Mean Wetness:	-0.5

Physiognomy Metrics:

Tree:	1 (2.6%)
Shrub:	1 (2.6%)
Vine:	0 (0%)
Forb:	28 (71.8%)
Grass:	6 (15.4%)
Sedge:	3 (7.7%)
Rush:	0 (0%)
Fern:	0 (0%)
Bryophyte:	0 (0%)

Duration Metrics:

Annual:	12 (30.8%)
Perennial:	21 (53.8%)
Biennial:	6 (15.4%)
Native Annual:	4 (10.3%)
Native Perennial:	10 (25.6%)
Native Biennial:	1 (2.6%)

Champions Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Abutilon theophrasti</i>	Malvaceae	non-native	0	forb	annual	velvetleaf
<i>Amaranthus palmeri</i>	Amaranthaceae	non-native	0	forb	annual	careless weed
<i>Ambrosia artemisiifolia</i>	Asteraceae	native	0	forb	annual	common ragweed
<i>Apocynum cannabinum</i>	Apocynaceae	native	6	forb	perennial	hairy dogbane
<i>Arctium minus</i>	Asteraceae	non-native	0	forb	biennial	common burdock
<i>Asclepias incarnata</i>	Asclepiadaceae	native	3	forb	perennial	swamp milkweed
<i>Bolboschoenus fluviatilis</i>	Cyperaceae	native	3	sedge	perennial	river bulrush
<i>Carex vulpinoidea</i>	Cyperaceae	native	2	sedge	perennial	brown fox sedge
<i>Chenopodium album</i>	Chenopodiaceae	non-native	0	forb	annual	lambs quarters
<i>Cirsium arvense</i>	Asteraceae	non-native	0	forb	perennial	field thistle
<i>Cyperus esculentus</i> var. <i>leptostachyus</i>	Cyperaceae	native	0	sedge	perennial	field nut sedge
<i>Digitaria sanguinalis</i>	Poaceae	non-native	0	grass	annual	hairy crabgrass
<i>Dipsacus fullonum</i>	Dipsacaceae	non-native	0	forb	biennial	common teasel
<i>Dipsacus laciniatus</i>	Dipsacaceae	non-native	0	forb	biennial	cut-leaved teasel
<i>Elymus virginicus</i>	Poaceae	native	3	grass	perennial	virginia wild rye
<i>Erechtites hieraciifolius</i>	Asteraceae	native	0	forb	annual	american burnweed
<i>Fraxinus lanceolata</i>	Oleaceae	native	1	tree	perennial	green ash
<i>Hibiscus trionum</i>	Malvaceae	non-native	0	forb	annual	flower-of-an-hour
<i>Lactuca serriola</i>	Asteraceae	non-native	0	forb	biennial	prickly lettuce
<i>Lotus corniculatus</i>	Fabaceae	non-native	0	forb	perennial	birds foot trefoil
<i>Lysimachia nummularia</i>	Myrsinaceae	non-native	0	forb	perennial	moneywort
<i>Lythrum salicaria</i>	Lythraceae	non-native	0	forb	perennial	purple loosestrife
<i>Medicago lupulina</i>	Fabaceae	non-native	0	forb	biennial	black medick
<i>Oenothera biennis</i>	Onagraceae	native	0	forb	biennial	common evening primrose
<i>Persicaria pensylvanica</i>	Polygonaceae	native	0	forb	annual	pinkweed
<i>Persicaria punctata</i>	Polygonaceae	native	4	forb	annual	water pepper
<i>Phalaris arundinacea</i>	Poaceae	non-native	0	grass	perennial	reed canary grass
<i>Physalis longifolia</i>	Solanaceae	native	0	forb	perennial	tall ground cherry
<i>Plantago major</i>	Plantaginaceae	non-native	0	forb	perennial	common plantain
<i>Poa compressa</i>	Poaceae	non-native	0	grass	perennial	canada bluegrass

Champions Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
Poa pratensis	Poaceae	non-native	0	grass	perennial	kentucky bluegrass
Polygonum aviculare	Polygonaceae	non-native	0	forb	annual	common knotweed
Potentilla simplex	Rosaceae	native	3	forb	perennial	common cinquefoil
Rosa multiflora	Rosaceae	non-native	0	shrub	perennial	multiflora rose
Rumex crispus	Polygonaceae	non-native	0	forb	perennial	curly dock
Setaria viridis	Poaceae	non-native	0	grass	annual	green foxtail
Thlaspi arvense	Brassicaceae	non-native	0	forb	annual	large-fruited penny cress
Trifolium repens	Fabaceae	non-native	0	forb	perennial	white clover
Typha latifolia	Typhaceae	native	5	forb	perennial	broad-leaved cattail

A.5 Community Park

FQA Database information:

Data collected: 6-10-2022

Region: **Flora of the Chicago Region**

Year Published: **2017**

Description:

Flora of the Chicago Region UFQA Database. 2018. Kenneth Johnson. [As per Flora of the Chicago Region: A Floristic and Ecological Synthesis. 2017. Gerould Wilhelm and Laura Rericha. Indiana Academy of Science. Indianapolis, IN.]

Conservation Based Metrics:

Total Mean C:	2.6
Native Mean C:	3.6
Total FQI:	20
Native FQI:	23.3
Adjusted FQI:	30.4
% C value 0:	40.7%
% C value 1-3:	22%
% C value 4-6:	27.1%
% C value 7-10:	10.2%
Native Tree Mean C:	1
Native Shrub Mean C:	3.5
Native Herbaceous Mean C:	3.7

Species Richness

Total Species:	59
Native Species:	42 (71.2%)
Non-native Species:	17 (28.8%)

Species Wetness:

Mean Wetness:	0.1
Native Mean Wetness:	-0.3

Physiognomy Metrics:

Tree:	2 (3.4%)
Shrub:	2 (3.4%)
Vine:	1 (1.7%)
Forb:	43 (72.9%)
Grass:	9 (15.3%)
Sedge:	2 (3.4%)
Rush:	0 (0%)
Fern:	0 (0%)
Bryophyte:	0 (0%)

Duration Metrics:

Annual:	8 (13.6%)
Perennial:	45 (76.3%)
Biennial:	6 (10.2%)
Native Annual:	5 (8.5%)
Native Perennial:	35 (59.3%)
Native Biennial:	2 (3.4%)

Community Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Acer saccharinum</i>	Sapindaceae	native	1	tree	perennial	silver maple
<i>Ambrosia artemisiifolia</i>	Asteraceae	native	0	forb	annual	common ragweed
<i>Ambrosia trifida</i>	Asteraceae	native	0	forb	annual	giant ragweed
<i>Amorpha fruticosa</i>	Fabaceae	native	5	shrub	perennial	indigo bush
<i>Andropogon gerardii</i>	Poaceae	native	5	grass	perennial	big bluestem
<i>Apocynum cannabinum</i>	Apocynaceae	native	6	forb	perennial	hairy dogbane
<i>Asclepias incarnata</i>	Asclepiadaceae	native	3	forb	perennial	swamp milkweed
<i>Asclepias syriaca</i>	Asclepiadaceae	native	0	forb	perennial	common milkweed
<i>Bidens frondosa</i>	Asteraceae	native	1	forb	annual	common beggars ticks
<i>Boehmeria cylindrica</i>	Urticaceae	native	5	forb	perennial	swamp false nettle
<i>Bromus inermis</i>	Poaceae	non-native	0	grass	perennial	hungarian brome
<i>Bromus tectorum</i>	Poaceae	non-native	0	grass	annual	downy chess
<i>Carex vulpinoidea</i>	Cyperaceae	native	2	sedge	perennial	brown fox sedge
<i>Cirsium arvense</i>	Asteraceae	non-native	0	forb	perennial	field thistle
<i>Cirsium vulgare</i>	Asteraceae	non-native	0	forb	biennial	bull thistle
<i>Convolvulus arvensis</i>	Convolvulaceae	non-native	0	forb	perennial	field bindweed
<i>Dactylis glomerata</i>	Poaceae	non-native	0	grass	perennial	orchard grass
<i>Daucus carota</i>	Apiaceae	non-native	0	forb	biennial	queen annes lace
<i>Desmanthus illinoensis</i>	Mimosaceae	native	3	forb	perennial	illinois bundleflower
<i>Echinacea purpurea</i>	Asteraceae	native	10	forb	perennial	purple coneflower
<i>Eleocharis palustris</i>	Cyperaceae	native	7	sedge	perennial	marsh spikerush
<i>Erigeron strigosus</i>	Asteraceae	native	5	forb	biennial	daisy fleabane
<i>Eutrochium maculatum</i>	Asteraceae	native	5	forb	perennial	spotted joe pye weed
<i>Fragaria virginiana</i>	Rosaceae	native	0	forb	perennial	wild strawberry
<i>Fraxinus lanceolata</i>	Oleaceae	native	1	tree	perennial	green ash
<i>Galium aparine</i>	Rubiaceae	native	0	forb	annual	wild velcro
<i>Geum laciniatum</i>	Rosaceae	native	3	forb	perennial	rough avens
<i>Heliopsis helianthoides</i>	Asteraceae	native	7	forb	perennial	false sunflower
<i>Lactuca serriola</i>	Asteraceae	non-native	0	forb	biennial	prickly lettuce
<i>Melilotus albus</i>	Fabaceae	non-native	0	forb	biennial	white sweet clover

Community Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Monarda fistulosa</i>	Lamiaceae	native	4	forb	perennial	wild bergamot
<i>Oenothera biennis</i>	Onagraceae	native	0	forb	biennial	common evening primrose
<i>Packera glabella</i>	Asteraceae	non-native	0	forb	annual	butterweed
<i>Panicum virgatum</i>	Poaceae	native	3	grass	perennial	switch grass
<i>Penstemon digitalis</i>	Scrophulariaceae	native	4	forb	perennial	foxglove beard tongue
<i>Penthorum sedoides</i>	Penthoraceae	native	4	forb	perennial	ditch stonecrop
<i>Persicaria pensylvanica</i>	Polygonaceae	native	0	forb	annual	pinkweed
<i>Phalaris arundinacea</i>	Poaceae	non-native	0	grass	perennial	reed canary grass
<i>Phleum pratense</i>	Poaceae	non-native	0	grass	perennial	timothy
<i>Poa compressa</i>	Poaceae	non-native	0	grass	perennial	canada bluegrass
<i>Poa pratensis</i>	Poaceae	non-native	0	grass	perennial	kentucky bluegrass
<i>Pycnanthemum virginianum</i>	Lamiaceae	native	5	forb	perennial	common mountain mint
<i>Ratibida pinnata</i>	Asteraceae	native	4	forb	perennial	yellow coneflower
<i>Rudbeckia hirta</i>	Asteraceae	native	1	forb	perennial	black-eyed susan
<i>Rumex crispus</i>	Polygonaceae	non-native	0	forb	perennial	curly dock
<i>Sagittaria latifolia</i>	Alismataceae	native	3	forb	perennial	common arrowhead
<i>Salix interior</i>	Salicaceae	native	2	shrub	perennial	sandbar willow
<i>Senna hebecarpa</i>	Caesalpiniaceae	native	9	forb	perennial	wild senna
<i>Silphium integrifolium</i>	Asteraceae	native	5	forb	perennial	rosinweed
<i>Silphium perfoliatum</i>	Asteraceae	native	5	forb	perennial	cup plant
<i>Silphium terebinthinaceum</i>	Asteraceae	native	5	forb	perennial	prairie dock
<i>Solidago canadensis</i>	Asteraceae	native	1	forb	perennial	canada goldenrod
<i>Sonchus uliginosus</i>	Asteraceae	non-native	0	forb	perennial	common sow thistle
<i>Sparganium eurycarpum</i>	Sparganiaceae	native	5	forb	perennial	common bur reed
<i>Thlaspi arvense</i>	Brassicaceae	non-native	0	forb	annual	large-fruited penny cress
<i>Typha latifolia</i>	Typhaceae	native	5	forb	perennial	broad-leaved cattail
<i>Vernonia fasciculata</i>	Asteraceae	native	8	forb	perennial	common ironweed
<i>Veronicastrum virginicum</i>	Scrophulariaceae	native	8	forb	perennial	culvers root
<i>Vitis riparia</i>	Vitaceae	native	1	vine	perennial	riverbank grape

A.6 Crystal Lake Park

FQA Database information:

Data collected: 6-15-2022

Region: Flora of the Chicago Region

Year Published: 2017

Description:

Flora of the Chicago Region UFQA Database. 2018. Kenneth Johnson. [As per Flora of the Chicago Region: A Floristic and Ecological Synthesis. 2017. Gerould Wilhelm and Laura Rericha. Indiana Academy of Science. Indianapolis, IN.]

Conservation Based Metrics:

Total Mean C:	2.3
Native Mean C:	3.4
Total FQI:	17.4
Native FQI:	21.2
Adjusted FQI:	28.1
% C value 0:	40.4%
% C value 1-3:	22.8%
% C value 4-6:	33.3%
% C value 7-10:	3.5%
Native Tree Mean C:	1.2
Native Shrub Mean C:	1.5
Native Herbaceous Mean C:	3.8

Species Richness

Total Species:	57
Native Species:	39 (68.4%)
Non-native Species:	18 (31.6%)

Species Wetness:

Mean Wetness:	0.3
Native Mean Wetness:	-0.1

Physiognomy Metrics:

Tree:	6 (10.5%)
Shrub:	3 (5.3%)
Vine:	1 (1.8%)
Forb:	31 (54.4%)
Grass:	12 (21.1%)
Sedge:	4 (7%)
Rush:	0 (0%)
Fern:	0 (0%)
Bryophyte:	0 (0%)

Duration Metrics:

Annual:	2 (3.5%)
Perennial:	50 (87.7%)
Biennial:	5 (8.8%)
Native Annual:	1 (1.8%)
Native Perennial:	36 (63.2%)
Native Biennial:	2 (3.5%)

Crystal Lake Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Acer saccharinum</i>	Sapindaceae	native	1	tree	perennial	silver maple
<i>Achillea millefolium</i>	Asteraceae	native	0	forb	perennial	common yarrow
<i>Andropogon gerardii</i>	Poaceae	native	5	grass	perennial	big bluestem
<i>Apocynum cannabinum</i>	Apocynaceae	native	6	forb	perennial	hairy dogbane
<i>Artemisia vulgaris</i>	Asteraceae	non-native	0	forb	perennial	mugwort
<i>Asclepias syriaca</i>	Asclepiadaceae	native	0	forb	perennial	common milkweed
<i>Carex brevior</i>	Cyperaceae	native	3	sedge	perennial	plains oval sedge
<i>Carex lurida</i>	Cyperaceae	native	5	sedge	perennial	bottlebrush sedge
<i>Carex vulpinoidea</i>	Cyperaceae	native	2	sedge	perennial	brown fox sedge
<i>Chamaecrista fasciculata</i>	Caesalpiniaceae	native	4	forb	annual	common partridge pea
<i>Cirsium arvense</i>	Asteraceae	non-native	0	forb	perennial	field thistle
<i>Cirsium vulgare</i>	Asteraceae	non-native	0	forb	biennial	bull thistle
<i>Cornus racemosa</i>	Cornaceae	native	1	shrub	perennial	gray dogwood
<i>Desmanthus illinoensis</i>	Mimosaceae	native	3	forb	perennial	illinois bundleflower
<i>Digitaria sanguinalis</i>	Poaceae	non-native	0	grass	annual	hairy crabgrass
<i>Dipsacus fullonum</i>	Dipsacaceae	non-native	0	forb	biennial	common teasel
<i>Dipsacus laciniatus</i>	Dipsacaceae	non-native	0	forb	biennial	cut-leaved teasel
<i>Eleocharis palustris</i>	Cyperaceae	native	7	sedge	perennial	marsh spikerush
<i>Elymus canadensis</i>	Poaceae	native	4	grass	perennial	canada wild rye
<i>Elymus virginicus</i>	Poaceae	native	3	grass	perennial	virginia wild rye
<i>Erigeron strigosus</i>	Asteraceae	native	5	forb	biennial	daisy fleabane
<i>Eupatorium perfoliatum</i>	Asteraceae	native	4	forb	perennial	common boneset
<i>Geum laciniatum</i>	Rosaceae	native	3	forb	perennial	rough avens
<i>Gleditsia triacanthos</i>	Caesalpiniaceae	native	1	tree	perennial	honey locust
<i>Helianthus grosseserratus</i>	Asteraceae	native	4	forb	perennial	sawtooth sunflower
<i>Juncus effusus</i>	Juncaceae	native	5	forb	perennial	soft rush
<i>Leucanthemum vulgare</i> var. <i>pinnatifidum</i>	Asteraceae	non-native	0	forb	perennial	ox-eye daisy
<i>Lonicera maackii</i>	Caprifoliaceae	non-native	0	shrub	perennial	amur honeysuckle
<i>Malus ioensis</i>	Rosaceae	native	4	tree	perennial	iowa crab apple
<i>Mentha canadensis</i>	Lamiaceae	native	5	forb	perennial	wild mint

Crystal Lake Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Monarda fistulosa</i>	Lamiaceae	native	4	forb	perennial	wild bergamot
<i>Morus alba</i>	Moraceae	non-native	0	tree	perennial	white mulberry
<i>Oenothera biennis</i>	Onagraceae	native	0	forb	biennial	common evening primrose
<i>Panicum virgatum</i>	Poaceae	native	3	grass	perennial	switch grass
<i>Penstemon digitalis</i>	Scrophulariaceae	native	4	forb	perennial	foxglove beard tongue
<i>Phalaris arundinacea</i>	Poaceae	non-native	0	grass	perennial	reed canary grass
<i>Phragmites australis</i>	Poaceae	non-native	0	grass	perennial	common reed
<i>Plantago lanceolata</i>	Plantaginaceae	non-native	0	forb	perennial	english plantain
<i>Poa compressa</i>	Poaceae	non-native	0	grass	perennial	canada bluegrass
<i>Poa pratensis</i>	Poaceae	non-native	0	grass	perennial	kentucky bluegrass
<i>Populus deltoides</i>	Salicaceae	native	0	tree	perennial	eastern cottonwood
<i>Prunus serotina</i>	Rosaceae	native	0	tree	perennial	wild black cherry
<i>Pycnanthemum virginianum</i>	Lamiaceae	native	5	forb	perennial	common mountain mint
<i>Rudbeckia hirta</i>	Asteraceae	native	1	forb	perennial	black-eyed susan
<i>Rumex crispus</i>	Polygonaceae	non-native	0	forb	perennial	curly dock
<i>Salix interior</i>	Salicaceae	native	2	shrub	perennial	sandbar willow
<i>Schizachyrium scoparium</i>	Poaceae	native	5	grass	perennial	little bluestem
<i>Securigera varia</i>	Fabaceae	non-native	0	forb	perennial	crown vetch
<i>Silphium perfoliatum</i>	Asteraceae	native	5	forb	perennial	cup plant
<i>Sorghastrum nutans</i>	Poaceae	native	5	grass	perennial	indian grass
<i>Sporobolus heterolepis</i>	Poaceae	native	10	grass	perennial	prairie dropseed
<i>Tradescantia ohiensis</i>	Commelinaceae	native	3	forb	perennial	common spiderwort
<i>Trifolium pratense</i>	Fabaceae	non-native	0	forb	perennial	red clover
<i>Trifolium repens</i>	Fabaceae	non-native	0	forb	perennial	white clover
<i>Typha latifolia</i>	Typhaceae	native	5	forb	perennial	broad-leaved cattail
<i>Verbena hastata</i>	Verbenaceae	native	4	forb	perennial	blue vervain
<i>Vitis riparia</i>	Vitaceae	native	1	vine	perennial	riverbank grape

A.7 Indian Boundary South Park

FQA Database information:

Data collected: 6-15-2022

Region: Flora of the Chicago Region

Year Published: 2017

Description:

Flora of the Chicago Region UFQA Database. 2018. Kenneth Johnson. [As per Flora of the Chicago Region: A Floristic and Ecological Synthesis. 2017. Gerould Wilhelm and Laura Rericha. Indiana Academy of Science. Indianapolis, IN.]

Conservation Based Metrics:

Total Mean C:	2
Native Mean C:	3.2
Total FQI:	16.6
Native FQI:	21.2
Adjusted FQI:	25.6
% C value 0:	46.4%
% C value 1-3:	23.2%
% C value 4-6:	24.6%
% C value 7-10:	5.8%
Native Tree Mean C:	1.2
Native Shrub Mean C:	2.3
Native Herbaceous Mean C:	3.6

Species Richness

Total Species:	69
Native Species:	44 (63.8%)
Non-native Species:	25 (36.2%)

Species Wetness:

Mean Wetness:	-0.3
Native Mean Wetness:	-0.8

Physiognomy Metrics:

Tree:	5 (7.2%)
Shrub:	4 (5.8%)
Vine:	1 (1.4%)
Forb:	43 (62.3%)
Grass:	8 (11.6%)
Sedge:	8 (11.6%)
Rush:	0 (0%)
Fern:	0 (0%)
Bryophyte:	0 (0%)

Duration Metrics:

Annual:	8 (11.6%)
Perennial:	57 (82.6%)
Biennial:	4 (5.8%)
Native Annual:	4 (5.8%)
Native Perennial:	39 (56.5%)
Native Biennial:	1 (1.4%)

Indian Boundary South Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Acer saccharinum</i>	Sapindaceae	native	1	tree	perennial	silver maple
<i>Alisma subcordatum</i>	Alismataceae	native	3	forb	perennial	common water plantain
<i>Ambrosia artemisiifolia</i>	Asteraceae	native	0	forb	annual	common ragweed
<i>Ambrosia trifida</i>	Asteraceae	native	0	forb	annual	giant ragweed
<i>Apocynum cannabinum</i>	Apocynaceae	native	6	forb	perennial	hairy dogbane
<i>Asclepias incarnata</i>	Asclepiadaceae	native	3	forb	perennial	swamp milkweed
<i>Asclepias syriaca</i>	Asclepiadaceae	native	0	forb	perennial	common milkweed
<i>Bolboschoenus fluviatilis</i>	Cyperaceae	native	3	sedge	perennial	river bulrush
<i>Bromus inermis</i>	Poaceae	non-native	0	grass	perennial	hungarian brome
<i>Carex brevior</i>	Cyperaceae	native	3	sedge	perennial	plains oval sedge
<i>Carex crinita</i>	Cyperaceae	native	7	sedge	perennial	fringed sedge
<i>Carex cristatella</i>	Cyperaceae	native	4	sedge	perennial	crested oval sedge
<i>Carex vulpinoidea</i>	Cyperaceae	native	2	sedge	perennial	brown fox sedge
<i>Cirsium arvense</i>	Asteraceae	non-native	0	forb	perennial	field thistle
<i>Convolvulus arvensis</i>	Convolvulaceae	non-native	0	forb	perennial	field bindweed
<i>Cornus racemosa</i>	Cornaceae	native	1	shrub	perennial	gray dogwood
<i>Desmanthus illinoensis</i>	Mimosaceae	native	3	forb	perennial	illinois bundleflower
<i>Dipsacus fullonum</i>	Dipsacaceae	non-native	0	forb	biennial	common teasel
<i>Eupatorium perfoliatum</i>	Asteraceae	native	4	forb	perennial	common boneset
<i>Eutrochium maculatum</i>	Asteraceae	native	5	forb	perennial	spotted joe pye weed
<i>Fraxinus lanceolata</i>	Oleaceae	native	1	tree	perennial	green ash
<i>Geum laciniatum</i>	Rosaceae	native	3	forb	perennial	rough avens
<i>Glechoma hederacea</i>	Lamiaceae	non-native	0	forb	perennial	creeping charlie
<i>Gleditsia triacanthos</i>	Caesalpiniaceae	native	1	tree	perennial	honey locust
<i>Heliopsis helianthoides</i>	Asteraceae	native	7	forb	perennial	false sunflower
<i>Hibiscus palustris</i>	Malvaceae	native	7	forb	perennial	northern rose mallow
<i>Hibiscus trionum</i>	Malvaceae	non-native	0	forb	annual	flower-of-an-hour
<i>Hordeum jubatum</i>	Poaceae	native	0	grass	annual	squirrel-tail barley
<i>Iris pseudacorus</i>	Iridaceae	non-native	0	forb	perennial	tall yellow iris
<i>Iris virginica</i> var. <i>shrevei</i>	Iridaceae	native	5	forb	perennial	blue flag

Indian Boundary South Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Juncus effusus</i>	Juncaceae	native	5	forb	perennial	soft rush
<i>Lactuca serriola</i>	Asteraceae	non-native	0	forb	biennial	prickly lettuce
<i>Lotus corniculatus</i>	Fabaceae	non-native	0	forb	perennial	birds foot trefoil
<i>Lythrum salicaria</i>	Lythraceae	non-native	0	forb	perennial	purple loosestrife
<i>Melilotus officinalis</i>	Fabaceae	non-native	0	forb	biennial	yellow sweet clover
<i>Oenothera biennis</i>	Onagraceae	native	0	forb	biennial	common evening primrose
<i>Packera glabella</i>	Asteraceae	non-native	0	forb	annual	butterweed
<i>Penstemon digitalis</i>	Scrophulariaceae	native	4	forb	perennial	foxglove beard tongue
<i>Persicaria pensylvanica</i>	Polygonaceae	native	0	forb	annual	pinkweed
<i>Phalaris arundinacea</i>	Poaceae	non-native	0	grass	perennial	reed canary grass
<i>Phragmites australis</i>	Poaceae	non-native	0	grass	perennial	common reed
<i>Physostegia virginiana</i>	Lamiaceae	native	4	forb	perennial	obedient plant
<i>Plantago lanceolata</i>	Plantaginaceae	non-native	0	forb	perennial	english plantain
<i>Plantago major</i>	Plantaginaceae	non-native	0	forb	perennial	common plantain
<i>Poa compressa</i>	Poaceae	non-native	0	grass	perennial	canada bluegrass
<i>Poa pratensis</i>	Poaceae	non-native	0	grass	perennial	kentucky bluegrass
<i>Populus deltoides</i>	Salicaceae	native	0	tree	perennial	eastern cottonwood
<i>Pycnanthemum virginianum</i>	Lamiaceae	native	5	forb	perennial	common mountain mint
<i>Rosa multiflora</i>	Rosaceae	non-native	0	shrub	perennial	multiflora rose
<i>Rudbeckia laciniata</i>	Asteraceae	native	4	forb	perennial	wild golden glow
<i>Rumex crispus</i>	Polygonaceae	non-native	0	forb	perennial	curly dock
<i>Salix interior</i>	Salicaceae	native	2	shrub	perennial	sandbar willow
<i>Sambucus canadensis</i>	Adoxaceae	native	4	shrub	perennial	elderberry
<i>Schoenoplectus tabernaemontani</i>	Cyperaceae	native	3	sedge	perennial	great bulrush
<i>Scirpus atrovirens</i>	Cyperaceae	native	4	sedge	perennial	dark green rush
<i>Scirpus pendulus</i>	Cyperaceae	native	2	sedge	perennial	red bulrush
<i>Setaria viridis</i>	Poaceae	non-native	0	grass	annual	green foxtail
<i>Silphium perfoliatum</i>	Asteraceae	native	5	forb	perennial	cup plant
<i>Solanum dulcamara</i>	Solanaceae	non-native	0	vine	perennial	deadly nightshade
<i>Solidago sempervirens</i>	Asteraceae	non-native	0	forb	perennial	seaside goldenrod

Indian Boundary South Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
Sonchus uliginosus	Asteraceae	non-native	0	forb	perennial	common sow thistle
Sparganium eurycarpum	Sparganiaceae	native	5	forb	perennial	common bur reed
Spartina pectinata	Poaceae	native	4	grass	perennial	prairie cordgrass
Thlaspi arvense	Brassicaceae	non-native	0	forb	annual	large-fruited penny cress
Typha latifolia	Typhaceae	native	5	forb	perennial	broad-leaved cattail
Ulmus americana	Ulmaceae	native	3	tree	perennial	american elm
Urtica gracilis	Urticaceae	native	1	forb	perennial	tall nettle
Verbena hastata	Verbenaceae	native	4	forb	perennial	blue vervain
Vernonia fasciculata	Asteraceae	native	8	forb	perennial	common ironweed

A.8 Island Prairie Park

FQA Database information:

Data collected: 6-16-2022

Region: Flora of the Chicago Region

Year Published: 2017

Description:

Flora of the Chicago Region UFQA Database. 2018. Kenneth Johnson. [As per Flora of the Chicago Region: A Floristic and Ecological Synthesis. 2017. Gerould Wilhelm and Laura Rericha. Indiana Academy of Science. Indianapolis, IN.]

Conservation Based Metrics:

Total Mean C:	2.8
Native Mean C:	4.1
Total FQI:	28.1
Native FQI:	34.1
Adjusted FQI:	33.9
% C value 0:	39.6%
% C value 1-3:	19.8%
% C value 4-6:	27.7%
% C value 7-10:	12.9%
Native Tree Mean C:	0.5
Native Shrub Mean C:	4.5
Native Herbaceous Mean C:	4.3

Species Richness

Total Species:	101
Native Species:	69 (68.3%)
Non-native Species:	32 (31.7%)

Species Wetness:

Mean Wetness:	0
Native Mean Wetness:	-0.3

Physiognomy Metrics:

Tree:	5 (5%)
Shrub:	2 (2%)
Vine:	2 (2%)
Forb:	64 (63.4%)
Grass:	20 (19.8%)
Sedge:	8 (7.9%)
Rush:	0 (0%)
Fern:	0 (0%)
Bryophyte:	0 (0%)

Duration Metrics:

Annual:	13 (12.9%)
Perennial:	79 (78.2%)
Biennial:	9 (8.9%)
Native Annual:	6 (5.9%)
Native Perennial:	61 (60.4%)
Native Biennial:	2 (2%)

Island Prairie Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Abutilon theophrasti</i>	Malvaceae	non-native	0	forb	annual	velvetleaf
<i>Acer negundo</i>	Sapindaceae	native	0	tree	perennial	boxelder
<i>Acer saccharinum</i>	Sapindaceae	native	1	tree	perennial	silver maple
<i>Agrostis gigantea</i>	Poaceae	non-native	0	grass	perennial	redtop
<i>Ambrosia artemisiifolia</i>	Asteraceae	native	0	forb	annual	common ragweed
<i>Ambrosia trifida</i>	Asteraceae	native	0	forb	annual	giant ragweed
<i>Andropogon gerardii</i>	Poaceae	native	5	grass	perennial	big bluestem
<i>Apocynum cannabinum</i>	Apocynaceae	native	6	forb	perennial	hairy dogbane
<i>Arctium minus</i>	Asteraceae	non-native	0	forb	biennial	common burdock
<i>Asclepias incarnata</i>	Asclepiadaceae	native	3	forb	perennial	swamp milkweed
<i>Asclepias syriaca</i>	Asclepiadaceae	native	0	forb	perennial	common milkweed
<i>Asclepias tuberosa</i>	Asclepiadaceae	native	8	forb	perennial	butterfly weed
<i>Baptisia lactea</i>	Fabaceae	native	8	forb	perennial	white wild indigo
<i>Bolboschoenus fluviatilis</i>	Cyperaceae	native	3	sedge	perennial	river bulrush
<i>Brassica nigra</i>	Brassicaceae	non-native	0	forb	annual	black mustard
<i>Bromus inermis</i>	Poaceae	non-native	0	grass	perennial	hungarian brome
<i>Carex brevior</i>	Cyperaceae	native	3	sedge	perennial	plains oval sedge
<i>Carex crinita</i>	Cyperaceae	native	7	sedge	perennial	fringed sedge
<i>Carex vulpinoidea</i>	Cyperaceae	native	2	sedge	perennial	brown fox sedge
<i>Chenopodium album</i>	Chenopodiaceae	non-native	0	forb	annual	lambs quarters
<i>Cirsium arvense</i>	Asteraceae	non-native	0	forb	perennial	field thistle
<i>Cirsium vulgare</i>	Asteraceae	non-native	0	forb	biennial	bull thistle
<i>Conium maculatum</i>	Apiaceae	non-native	0	forb	biennial	poison hemlock
<i>Daucus carota</i>	Apiaceae	non-native	0	forb	biennial	queen annes lace
<i>Desmanthus illinoensis</i>	Mimosaceae	native	3	forb	perennial	illinois bundleflower
<i>Dipsacus fullonum</i>	Dipsacaceae	non-native	0	forb	biennial	common teasel
<i>Dodecatheon meadia</i>	Primulaceae	native	6	forb	perennial	shooting star
<i>Echinochloa crus-galli</i>	Poaceae	non-native	0	grass	annual	barnyard grass
<i>Eleocharis palustris</i>	Cyperaceae	native	7	sedge	perennial	marsh spikerush
<i>Elymus canadensis</i>	Poaceae	native	4	grass	perennial	canada wild rye

Island Prairie Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Elymus virginicus</i>	Poaceae	native	3	grass	perennial	virginia wild rye
<i>Elytrigia repens</i>	Poaceae	non-native	0	grass	perennial	quack grass
<i>Erigeron strigosus</i>	Asteraceae	native	5	forb	biennial	daisy fleabane
<i>Eryngium yuccifolium</i>	Apiaceae	native	9	forb	perennial	rattlesnake master
<i>Eupatorium perfoliatum</i>	Asteraceae	native	4	forb	perennial	common boneset
<i>Eutrochium maculatum</i>	Asteraceae	native	5	forb	perennial	spotted joe pye weed
<i>Filipendula rubra</i>	Rosaceae	native	10	forb	perennial	queen of the prairie
<i>Fraxinus lanceolata</i>	Oleaceae	native	1	tree	perennial	green ash
<i>Geum laciniatum</i>	Rosaceae	native	3	forb	perennial	rough avens
<i>Helianthus grosseserratus</i>	Asteraceae	native	4	forb	perennial	sawtooth sunflower
<i>Heliopsis helianthoides</i>	Asteraceae	native	7	forb	perennial	false sunflower
<i>Hibiscus palustris</i>	Malvaceae	native	7	forb	perennial	northern rose mallow
<i>Hordeum jubatum</i>	Poaceae	native	0	grass	annual	squirrel-tail barley
<i>Iris virginica</i> var. <i>shrevei</i>	Iridaceae	native	5	forb	perennial	blue flag
<i>Juncus effusus</i>	Juncaceae	native	5	forb	perennial	soft rush
<i>Leersia oryzoides</i>	Poaceae	native	3	grass	perennial	rice cut grass
<i>Lobelia cardinalis</i>	Lobeliaceae	native	7	forb	annual	cardinal flower
<i>Lycopus americanus</i>	Lamiaceae	native	4	forb	perennial	common water horehound
<i>Lythrum salicaria</i>	Lythraceae	non-native	0	forb	perennial	purple loosestrife
<i>Melilotus albus</i>	Fabaceae	non-native	0	forb	biennial	white sweet clover
<i>Melilotus officinalis</i>	Fabaceae	non-native	0	forb	biennial	yellow sweet clover
<i>Monarda fistulosa</i>	Lamiaceae	native	4	forb	perennial	wild bergamot
<i>Morus alba</i>	Moraceae	non-native	0	tree	perennial	white mulberry
<i>Oenothera biennis</i>	Onagraceae	native	0	forb	biennial	common evening primrose
<i>Oenothera speciosa</i>	Onagraceae	non-native	0	forb	perennial	pink evening primrose
<i>Panicum virgatum</i>	Poaceae	native	3	grass	perennial	switch grass
<i>Parthenocissus quinquefolia</i>	Vitaceae	native	4	vine	perennial	virginia creeper
<i>Penstemon digitalis</i>	Scrophulariaceae	native	4	forb	perennial	foxglove beard tongue
<i>Persicaria pensylvanica</i>	Polygonaceae	native	0	forb	annual	pinkweed
<i>Phalaris arundinacea</i>	Poaceae	non-native	0	grass	perennial	reed canary grass

Island Prairie Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Phragmites australis</i>	Poaceae	non-native	0	grass	perennial	common reed
<i>Plantago major</i>	Plantaginaceae	non-native	0	forb	perennial	common plantain
<i>Poa compressa</i>	Poaceae	non-native	0	grass	perennial	canada bluegrass
<i>Poa pratensis</i>	Poaceae	non-native	0	grass	perennial	kentucky bluegrass
<i>Pontederia cordata</i>	Pontederiaceae	native	9	forb	perennial	pickerelweed
<i>Populus deltoides</i>	Salicaceae	native	0	tree	perennial	eastern cottonwood
<i>Potentilla simplex</i>	Rosaceae	native	3	forb	perennial	common cinquefoil
<i>Pycnanthemum virginianum</i>	Lamiaceae	native	5	forb	perennial	common mountain mint
<i>Ratibida pinnata</i>	Asteraceae	native	4	forb	perennial	yellow coneflower
<i>Ribes cynosbati</i>	Grossulariaceae	native	5	shrub	perennial	prickly wild gooseberry
<i>Rudbeckia hirta</i>	Asteraceae	native	1	forb	perennial	black-eyed susan
<i>Rudbeckia subtomentosa</i>	Asteraceae	native	8	forb	perennial	sweet black-eyed susan
<i>Rudbeckia triloba</i>	Asteraceae	native	1	forb	annual	brown-eyed susan
<i>Rumex crispus</i>	Polygonaceae	non-native	0	forb	perennial	curly dock
<i>Sagittaria latifolia</i>	Alismataceae	native	3	forb	perennial	common arrowhead
<i>Sambucus canadensis</i>	Adoxaceae	native	4	shrub	perennial	elderberry
<i>Schizachyrium scoparium</i>	Poaceae	native	5	grass	perennial	little bluestem
<i>Schoenoplectus tabernaemontani</i>	Cyperaceae	native	3	sedge	perennial	great bulrush
<i>Scirpus atrovirens</i>	Cyperaceae	native	4	sedge	perennial	dark green rush
<i>Scirpus cyperinus</i>	Cyperaceae	native	6	sedge	perennial	woolgrass
<i>Securigera varia</i>	Fabaceae	non-native	0	forb	perennial	crown vetch
<i>Setaria pumila</i>	Poaceae	non-native	0	grass	annual	yellow foxtail
<i>Setaria viridis</i>	Poaceae	non-native	0	grass	annual	green foxtail
<i>Silphium integrifolium</i>	Asteraceae	native	5	forb	perennial	rosinweed
<i>Silphium perfoliatum</i>	Asteraceae	native	5	forb	perennial	cup plant
<i>Solanum dulcamara</i>	Solanaceae	non-native	0	vine	perennial	deadly nightshade
<i>Solidago altissima</i>	Asteraceae	native	1	forb	perennial	tall goldenrod
<i>Solidago canadensis</i>	Asteraceae	native	1	forb	perennial	canada goldenrod
<i>Sorghastrum nutans</i>	Poaceae	native	5	grass	perennial	indian grass
<i>Sparganium eurycarpum</i>	Sparganiaceae	native	5	forb	perennial	common bur reed

Island Prairie Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Spartina pectinata</i>	Poaceae	native	4	grass	perennial	prairie cordgrass
<i>Sporobolus heterolepis</i>	Poaceae	native	10	grass	perennial	prairie dropseed
<i>Taraxacum officinale</i>	Asteraceae	non-native	0	forb	perennial	common dandelion
<i>Thlaspi arvense</i>	Brassicaceae	non-native	0	forb	annual	large-fruited penny cress
<i>Tradescantia ohiensis</i>	Commelinaceae	native	3	forb	perennial	common spiderwort
<i>Trifolium pratense</i>	Fabaceae	non-native	0	forb	perennial	red clover
<i>Trifolium repens</i>	Fabaceae	non-native	0	forb	perennial	white clover
<i>Typha latifolia</i>	Typhaceae	native	5	forb	perennial	broad-leaved cattail
<i>Urtica gracilis</i>	Urticaceae	native	1	forb	perennial	tall nettle
<i>Verbena hastata</i>	Verbenaceae	native	4	forb	perennial	blue vervain
<i>Vernonia fasciculata</i>	Asteraceae	native	8	forb	perennial	common ironweed

A.9 Island Prairie Park: Greenhouse

FQA Database information:

Data collected: 6-16-2022

Region: Flora of the Chicago Region

Year Published: 2017

Description:

Flora of the Chicago Region UFQA Database. 2018. Kenneth Johnson. [As per Flora of the Chicago Region: A Floristic and Ecological Synthesis. 2017. Gerould Wilhelm and Laura Rericha. Indiana Academy of Science. Indianapolis, IN.]

Conservation Based Metrics:

Total Mean C:	3.2
Native Mean C:	4.3
Total FQI:	25.4
Native FQI:	29.5
Adjusted FQI:	37.1
% C value 0:	31.7%
% C value 1-3:	19%
% C value 4-6:	36.5%
% C value 7-10:	12.7%
Native Tree Mean C:	1.2
Native Shrub Mean C:	n/a
Native Herbaceous Mean C:	4.6

Species Richness

Total Species:	63
Native Species:	47 (74.6%)
Non-native Species:	16 (25.4%)

Species Wetness:

Mean Wetness:	0.4
Native Mean Wetness:	0.3

Physiognomy Metrics:

Tree:	6 (9.5%)
Shrub:	1 (1.6%)
Vine:	1 (1.6%)
Forb:	35 (55.6%)
Grass:	14 (22.2%)
Sedge:	6 (9.5%)
Rush:	0 (0%)
Fern:	0 (0%)
Bryophyte:	0 (0%)

Duration Metrics:

Annual:	3 (4.8%)
Perennial:	55 (87.3%)
Biennial:	5 (7.9%)
Native Annual:	2 (3.2%)
Native Perennial:	44 (69.8%)
Native Biennial:	1 (1.6%)

Island Prairie Park: Greenhouse Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Acer saccharinum</i>	Sapindaceae	native	1	tree	perennial	silver maple
<i>Apocynum cannabinum</i>	Apocynaceae	native	6	forb	perennial	hairy dogbane
<i>Aquilegia canadensis</i>	Ranunculaceae	native	6	forb	perennial	wild columbine
<i>Asclepias syriaca</i>	Asclepiadaceae	native	0	forb	perennial	common milkweed
<i>Baptisia lactea</i>	Fabaceae	native	8	forb	perennial	white wild indigo
<i>Bouteloua curtipendula</i>	Poaceae	native	8	grass	perennial	side-oats grama
<i>Bromus inermis</i>	Poaceae	non-native	0	grass	perennial	hungarian brome
<i>Carex brevior</i>	Cyperaceae	native	3	sedge	perennial	plains oval sedge
<i>Carex cristatella</i>	Cyperaceae	native	4	sedge	perennial	crested oval sedge
<i>Carex radiata</i>	Cyperaceae	native	5	sedge	perennial	straight-styled wood sedge
<i>Carex vulpinoidea</i>	Cyperaceae	native	2	sedge	perennial	brown fox sedge
<i>Chamaecrista fasciculata</i>	Caesalpiaceae	native	4	forb	annual	common partridge pea
<i>Chasmanthium latifolium</i>	Poaceae	native	7	grass	perennial	indian woodoats
<i>Cirsium arvense</i>	Asteraceae	non-native	0	forb	perennial	field thistle
<i>Cirsium vulgare</i>	Asteraceae	non-native	0	forb	biennial	bull thistle
<i>Convolvulus arvensis</i>	Convolvulaceae	non-native	0	forb	perennial	field bindweed
<i>Daucus carota</i>	Apiaceae	non-native	0	forb	biennial	queen annes lace
<i>Desmanthus illinoensis</i>	Mimosaceae	native	3	forb	perennial	illinois bundleflower
<i>Echinacea purpurea</i>	Asteraceae	native	10	forb	perennial	purple coneflower
<i>Elymus canadensis</i>	Poaceae	native	4	grass	perennial	canada wild rye
<i>Elymus virginicus</i>	Poaceae	native	3	grass	perennial	virginia wild rye
<i>Erigeron strigosus</i>	Asteraceae	native	5	forb	biennial	daisy fleabane
<i>Eupatorium perfoliatum</i>	Asteraceae	native	4	forb	perennial	common boneset
<i>Fraxinus lanceolata</i>	Oleaceae	native	1	tree	perennial	green ash
<i>Geranium maculatum</i>	Geraniaceae	native	5	forb	perennial	wild geranium
<i>Hordeum jubatum</i>	Poaceae	native	0	grass	annual	squirrel-tail barley
<i>Juncus effusus</i>	Juncaceae	native	5	forb	perennial	soft rush
<i>Lactuca serriola</i>	Asteraceae	non-native	0	forb	biennial	prickly lettuce
<i>Malus ioensis</i>	Rosaceae	native	4	tree	perennial	iowa crab apple
<i>Melilotus albus</i>	Fabaceae	non-native	0	forb	biennial	white sweet clover

Island Prairie Park: Greenhouse Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Monarda fistulosa</i>	Lamiaceae	native	4	forb	perennial	wild bergamot
<i>Morus alba</i>	Moraceae	non-native	0	tree	perennial	white mulberry
<i>Oligoneuron rigidum</i>	Asteraceae	native	3	forb	perennial	stiff goldenrod
<i>Panicum virgatum</i>	Poaceae	native	3	grass	perennial	switch grass
<i>Parthenocissus quinquefolia</i>	Vitaceae	native	4	vine	perennial	virginia creeper
<i>Penstemon digitalis</i>	Scrophulariaceae	native	4	forb	perennial	foxglove beard tongue
<i>Phalaris arundinacea</i>	Poaceae	non-native	0	grass	perennial	reed canary grass
<i>Poa compressa</i>	Poaceae	non-native	0	grass	perennial	canada bluegrass
<i>Poa pratensis</i>	Poaceae	non-native	0	grass	perennial	kentucky bluegrass
<i>Populus deltoides</i>	Salicaceae	native	0	tree	perennial	eastern cottonwood
<i>Prunus serotina</i>	Rosaceae	native	0	tree	perennial	wild black cherry
<i>Pycnanthemum virginianum</i>	Lamiaceae	native	5	forb	perennial	common mountain mint
<i>Ratibida pinnata</i>	Asteraceae	native	4	forb	perennial	yellow coneflower
<i>Rhamnus cathartica</i>	Rhamnaceae	non-native	0	shrub	perennial	common buckthorn
<i>Rumex crispus</i>	Polygonaceae	non-native	0	forb	perennial	curly dock
<i>Schizachyrium scoparium</i>	Poaceae	native	5	grass	perennial	little bluestem
<i>Schoenoplectus tabernaemontani</i>	Cyperaceae	native	3	sedge	perennial	great bulrush
<i>Scirpus atrovirens</i>	Cyperaceae	native	4	sedge	perennial	dark green rush
<i>Senna hebecarpa</i>	Caesalpiniaceae	native	9	forb	perennial	wild senna
<i>Setaria viridis</i>	Poaceae	non-native	0	grass	annual	green foxtail
<i>Silphium integrifolium</i>	Asteraceae	native	5	forb	perennial	rosinweed
<i>Silphium laciniatum</i>	Asteraceae	native	5	forb	perennial	compass plant
<i>Solidago altissima</i>	Asteraceae	native	1	forb	perennial	tall goldenrod
<i>Solidago canadensis</i>	Asteraceae	native	1	forb	perennial	canada goldenrod
<i>Solidago rugosa</i>	Asteraceae	native	6	forb	perennial	rough goldenrod
<i>Sonchus uliginosus</i>	Asteraceae	non-native	0	forb	perennial	common sow thistle
<i>Spartina pectinata</i>	Poaceae	native	4	grass	perennial	prairie cordgrass
<i>Sporobolus heterolepis</i>	Poaceae	native	10	grass	perennial	prairie dropseed
<i>Taraxacum officinale</i>	Asteraceae	non-native	0	forb	perennial	common dandelion
<i>Thalictrum dioicum</i>	Ranunculaceae	native	7	forb	perennial	early meadow rue

Island Prairie Park: Greenhouse Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
Tradescantia ohiensis	Commelinaceae	native	3	forb	perennial	common spiderwort
Verbena hastata	Verbenaceae	native	4	forb	perennial	blue vervain
Vernonia fasciculata	Asteraceae	native	8	forb	perennial	common ironweed

A.10 Island Prairie Park: Interpretive Garden

FQA Database information:

Data collected: 6-16-2022

Region: Flora of the Chicago Region

Year Published: 2017

Description:

Flora of the Chicago Region UFQA Database. 2018. Kenneth Johnson. [As per Flora of the Chicago Region: A Floristic and Ecological Synthesis. 2017. Gerould Wilhelm and Laura Rericha. Indiana Academy of Science. Indianapolis, IN.]

Conservation Based Metrics:

Total Mean C:	3.3
Native Mean C:	4.4
Total FQI:	35.7
Native FQI:	41
Adjusted FQI:	37.9
% C value 0:	32.5%
% C value 1-3:	17.9%
% C value 4-6:	34.2%
% C value 7-10:	15.4%
Native Tree Mean C:	1
Native Shrub Mean C:	5
Native Herbaceous Mean C:	4.4

Species Richness

Total Species:	117
Native Species:	87 (74.4%)
Non-native Species:	30 (25.6%)

Species Wetness:

Mean Wetness:	0.2
Native Mean Wetness:	0

Physiognomy Metrics:

Tree:	4 (3.4%)
Shrub:	7 (6%)
Vine:	4 (3.4%)
Forb:	70 (59.8%)
Grass:	21 (17.9%)
Sedge:	11 (9.4%)
Rush:	0 (0%)
Fern:	0 (0%)
Bryophyte:	0 (0%)

Duration Metrics:

Annual:	13 (11.1%)
Perennial:	97 (82.9%)
Biennial:	7 (6%)
Native Annual:	6 (5.1%)
Native Perennial:	79 (67.5%)
Native Biennial:	2 (1.7%)

Island Prairie Park: Interpretive Garden Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Acer saccharinum</i>	Sapindaceae	native	1	tree	perennial	silver maple
<i>Ambrosia artemisiifolia</i>	Asteraceae	native	0	forb	annual	common ragweed
<i>Ambrosia trifida</i>	Asteraceae	native	0	forb	annual	giant ragweed
<i>Amorpha canescens</i>	Fabaceae	native	10	shrub	perennial	lead plant
<i>Andropogon gerardii</i>	Poaceae	native	5	grass	perennial	big bluestem
<i>Anemone virginiana</i> var. <i>alba</i>	Ranunculaceae	native	5	forb	perennial	northern tall anemone
<i>Asclepias syriaca</i>	Asclepiadaceae	native	0	forb	perennial	common milkweed
<i>Asclepias verticillata</i>	Asclepiadaceae	native	1	forb	perennial	whorled milkweed
<i>Baptisia lactea</i>	Fabaceae	native	8	forb	perennial	white wild indigo
<i>Bolboschoenus fluviatilis</i>	Cyperaceae	native	3	sedge	perennial	river bulrush
<i>Bouteloua curtipendula</i>	Poaceae	native	8	grass	perennial	side-oats grama
<i>Bromus inermis</i>	Poaceae	non-native	0	grass	perennial	hungarian brome
<i>Bromus tectorum</i>	Poaceae	non-native	0	grass	annual	downy chess
<i>Calamagrostis canadensis</i>	Poaceae	native	6	grass	perennial	blue joint grass
<i>Carex brevior</i>	Cyperaceae	native	3	sedge	perennial	plains oval sedge
<i>Carex crinita</i>	Cyperaceae	native	7	sedge	perennial	fringed sedge
<i>Carex cristatella</i>	Cyperaceae	native	4	sedge	perennial	crested oval sedge
<i>Carex lupulina</i>	Cyperaceae	native	6	sedge	perennial	common hop sedge
<i>Carex radiata</i>	Cyperaceae	native	5	sedge	perennial	straight-styled wood sedge
<i>Carex stricta</i>	Cyperaceae	native	5	sedge	perennial	common tussock sedge
<i>Carex vulpinoidea</i>	Cyperaceae	native	2	sedge	perennial	brown fox sedge
<i>Chamaecrista fasciculata</i>	Caesalpiniaceae	native	4	forb	annual	common partridge pea
<i>Chenopodium album</i>	Chenopodiaceae	non-native	0	forb	annual	lamb's quarters
<i>Cirsium arvense</i>	Asteraceae	non-native	0	forb	perennial	field thistle
<i>Cirsium vulgare</i>	Asteraceae	non-native	0	forb	biennial	bull thistle
<i>Convolvulus arvensis</i>	Convolvulaceae	non-native	0	forb	perennial	field bindweed
<i>Coreopsis tripteris</i>	Asteraceae	native	5	forb	perennial	tall coreopsis
<i>Dalea purpurea</i>	Fabaceae	native	9	forb	perennial	purple prairie clover
<i>Desmanthus illinoensis</i>	Mimosaceae	native	3	forb	perennial	illinois bundleflower
<i>Dipsacus fullonum</i>	Dipsacaceae	non-native	0	forb	biennial	common teasel

Island Prairie Park: Interpretive Garden Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Echinacea purpurea</i>	Asteraceae	native	10	forb	perennial	purple coneflower
<i>Echinochloa crus-galli</i>	Poaceae	non-native	0	grass	annual	barnyard grass
<i>Eleocharis palustris</i>	Cyperaceae	native	7	sedge	perennial	marsh spikerush
<i>Elymus canadensis</i>	Poaceae	native	4	grass	perennial	canada wild rye
<i>Elymus virginicus</i>	Poaceae	native	3	grass	perennial	virginia wild rye
<i>Elytrigia repens</i>	Poaceae	non-native	0	grass	perennial	quack grass
<i>Erigeron canadensis</i>	Asteraceae	native	0	forb	annual	mares tail
<i>Erigeron strigosus</i>	Asteraceae	native	5	forb	biennial	daisy fleabane
<i>Eryngium yuccifolium</i>	Apiaceae	native	9	forb	perennial	rattlesnake master
<i>Eupatorium perfoliatum</i>	Asteraceae	native	4	forb	perennial	common boneset
<i>Eurybia macrophylla</i>	Asteraceae	native	9	forb	perennial	big-leaf aster
<i>Euthamia graminifolia</i>	Asteraceae	native	4	forb	perennial	smooth grass-leaved goldenrod
<i>Eutrochium maculatum</i>	Asteraceae	native	5	forb	perennial	spotted joe pye weed
<i>Filipendula rubra</i>	Rosaceae	native	10	forb	perennial	queen of the prairie
<i>Fragaria virginiana</i>	Rosaceae	native	0	forb	perennial	wild strawberry
<i>Fraxinus lanceolata</i>	Oleaceae	native	1	tree	perennial	green ash
<i>Galium aparine</i>	Rubiaceae	native	0	forb	annual	wild velcro
<i>Geranium maculatum</i>	Geraniaceae	native	5	forb	perennial	wild geranium
<i>Geum canadense</i>	Rosaceae	native	1	forb	perennial	white avens
<i>Geum laciniatum</i>	Rosaceae	native	3	forb	perennial	rough avens
<i>Helianthus grosseserratus</i>	Asteraceae	native	4	forb	perennial	sawtooth sunflower
<i>Heliopsis helianthoides</i>	Asteraceae	native	7	forb	perennial	false sunflower
<i>Hibiscus palustris</i>	Malvaceae	native	7	forb	perennial	northern rose mallow
<i>Hordeum jubatum</i>	Poaceae	native	0	grass	annual	squirrel-tail barley
<i>Iris virginica</i> var. <i>shrevei</i>	Iridaceae	native	5	forb	perennial	blue flag
<i>Lactuca serriola</i>	Asteraceae	non-native	0	forb	biennial	prickly lettuce
<i>Leersia oryzoides</i>	Poaceae	native	3	grass	perennial	rice cut grass
<i>Lobelia siphilitica</i>	Lobeliaceae	native	4	forb	perennial	great blue lobelia
<i>Lonicera maackii</i>	Caprifoliaceae	non-native	0	shrub	perennial	amur honeysuckle
<i>Lythrum salicaria</i>	Lythraceae	non-native	0	forb	perennial	purple loosestrife

Island Prairie Park: Interpretive Garden Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
Melilotus albus	Fabaceae	non-native	0	forb	biennial	white sweet clover
Mentha canadensis	Lamiaceae	native	5	forb	perennial	wild mint
Monarda fistulosa	Lamiaceae	native	4	forb	perennial	wild bergamot
Morus alba	Moraceae	non-native	0	tree	perennial	white mulberry
Oenothera biennis	Onagraceae	native	0	forb	biennial	common evening primrose
Oligoneuron riddellii	Asteraceae	native	8	forb	perennial	riddells goldenrod
Oligoneuron rigidum	Asteraceae	native	3	forb	perennial	stiff goldenrod
Packera glabella	Asteraceae	non-native	0	forb	annual	butterweed
Panicum virgatum	Poaceae	native	3	grass	perennial	switch grass
Parthenocissus quinquefolia	Vitaceae	native	4	vine	perennial	virginia creeper
Penstemon digitalis	Scrophulariaceae	native	4	forb	perennial	foxglove beard tongue
Persicaria pensylvanica	Polygonaceae	native	0	forb	annual	pinkweed
Phalaris arundinacea	Poaceae	non-native	0	grass	perennial	reed canary grass
Poa compressa	Poaceae	non-native	0	grass	perennial	canada bluegrass
Poa pratensis	Poaceae	non-native	0	grass	perennial	kentucky bluegrass
Podophyllum peltatum	Berberidaceae	native	4	forb	perennial	mayapple
Potentilla simplex	Rosaceae	native	3	forb	perennial	common cinquefoil
Pycnanthemum virginianum	Lamiaceae	native	5	forb	perennial	common mountain mint
Pyrus calleryana	Rosaceae	non-native	0	tree	perennial	bradford pear
Ratibida pinnata	Asteraceae	native	4	forb	perennial	yellow coneflower
Rhus typhina	Anacardiaceae	native	1	shrub	perennial	staghorn sumac
Ribes cynosbati	Grossulariaceae	native	5	shrub	perennial	prickly wild gooseberry
Rosa carolina	Rosaceae	native	5	shrub	perennial	pasture rose
Rosa multiflora	Rosaceae	non-native	0	shrub	perennial	multiflora rose
Rudbeckia hirta	Asteraceae	native	1	forb	perennial	black-eyed susan
Rudbeckia laciniata	Asteraceae	native	4	forb	perennial	wild golden glow
Rudbeckia subtomentosa	Asteraceae	native	8	forb	perennial	sweet black-eyed susan
Rumex crispus	Polygonaceae	non-native	0	forb	perennial	curly dock
Sambucus canadensis	Adoxaceae	native	4	shrub	perennial	elderberry
Schizachyrium scoparium	Poaceae	native	5	grass	perennial	little bluestem

Island Prairie Park: Interpretive Garden Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Scirpus atrovirens</i>	Cyperaceae	native	4	sedge	perennial	dark green rush
<i>Scirpus cyperinus</i>	Cyperaceae	native	6	sedge	perennial	woolgrass
<i>Senna hebecarpa</i>	Caesalpiniaceae	native	9	forb	perennial	wild senna
<i>Setaria pumila</i>	Poaceae	non-native	0	grass	annual	yellow foxtail
<i>Setaria viridis</i>	Poaceae	non-native	0	grass	annual	green foxtail
<i>Silene latifolia</i>	Caryophyllaceae	non-native	0	forb	biennial	white campion
<i>Silphium integrifolium</i>	Asteraceae	native	5	forb	perennial	rosinweed
<i>Silphium laciniatum</i>	Asteraceae	native	5	forb	perennial	compass plant
<i>Silphium perfoliatum</i>	Asteraceae	native	5	forb	perennial	cup plant
<i>Silphium terebinthinaceum</i>	Asteraceae	native	5	forb	perennial	prairie dock
<i>Solanum carolinense</i>	Solanaceae	non-native	0	forb	perennial	horse nettle
<i>Solanum dulcamara</i>	Solanaceae	non-native	0	vine	perennial	deadly nightshade
<i>Solidago altissima</i>	Asteraceae	native	1	forb	perennial	tall goldenrod
<i>Solidago canadensis</i>	Asteraceae	native	1	forb	perennial	canada goldenrod
<i>Sonchus uliginosus</i>	Asteraceae	non-native	0	forb	perennial	common sow thistle
<i>Sorghastrum nutans</i>	Poaceae	native	5	grass	perennial	indian grass
<i>Sparganium eurycarpum</i>	Sparganiaceae	native	5	forb	perennial	common bur reed
<i>Spartina pectinata</i>	Poaceae	native	4	grass	perennial	prairie cordgrass
<i>Sporobolus heterolepis</i>	Poaceae	native	10	grass	perennial	prairie dropseed
<i>Symphotrichum laeve</i>	Asteraceae	native	9	forb	perennial	smooth blue aster
<i>Taraxacum officinale</i>	Asteraceae	non-native	0	forb	perennial	common dandelion
<i>Thlaspi arvense</i>	Brassicaceae	non-native	0	forb	annual	large-fruited penny cress
<i>Toxicodendron radicans</i>	Anacardiaceae	native	2	vine	perennial	poison ivy
<i>Tradescantia ohiensis</i>	Commelinaceae	native	3	forb	perennial	common spiderwort
<i>Trifolium repens</i>	Fabaceae	non-native	0	forb	perennial	white clover
<i>Verbena hastata</i>	Verbenaceae	native	4	forb	perennial	blue vervain
<i>Vernonia fasciculata</i>	Asteraceae	native	8	forb	perennial	common ironweed
<i>Vitis riparia</i>	Vitaceae	native	1	vine	perennial	riverbank grape

A.11 Island Prairie Park: Island

FQA Database information:

Data collected: 6-10-2022

Region: Flora of the Chicago Region

Year Published: 2017

Description:

Flora of the Chicago Region UFQA Database. 2018. Kenneth Johnson. [As per Flora of the Chicago Region: A Floristic and Ecological Synthesis. 2017. Gerould Wilhelm and Laura Rericha. Indiana Academy of Science. Indianapolis, IN.]

Conservation Based Metrics:

Total Mean C:	1.6
Native Mean C:	2.2
Total FQI:	4.5
Native FQI:	5.4
Adjusted FQI:	19.1
% C value 0:	50%
% C value 1-3:	25%
% C value 4-6:	25%
% C value 7-10:	0%
Native Tree Mean C:	1
Native Shrub Mean C:	n/a
Native Herbaceous Mean C:	2.4

Species Richness

Total Species:	8
Native Species:	6 (75%)
Non-native Species:	2 (25%)

Species Wetness:

Mean Wetness:	-1
Native Mean Wetness:	-1

Physiognomy Metrics:

Tree:	1 (12.5%)
Shrub:	0 (0%)
Vine:	0 (0%)
Forb:	6 (75%)
Grass:	1 (12.5%)
Sedge:	0 (0%)
Rush:	0 (0%)
Fern:	0 (0%)
Bryophyte:	0 (0%)

Duration Metrics:

Annual:	1 (12.5%)
Perennial:	7 (87.5%)
Biennial:	0 (0%)
Native Annual:	1 (12.5%)
Native Perennial:	5 (62.5%)
Native Biennial:	0 (0%)

Island Prairie Park: Island Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
Acer saccharinum	Sapindaceae	native	1	tree	perennial	silver maple
Asclepias incarnata	Asclepiadaceae	native	3	forb	perennial	swamp milkweed
Asclepias syriaca	Asclepiadaceae	native	0	forb	perennial	common milkweed
Eupatorium perfoliatum	Asteraceae	native	4	forb	perennial	common boneset
Helenium autumnale	Asteraceae	native	5	forb	perennial	sneezeweed
Lythrum salicaria	Lythraceae	non-native	0	forb	perennial	purple loosestrife
Persicaria pensylvanica	Polygonaceae	native	0	forb	annual	pinkweed
Phalaris arundinacea	Poaceae	non-native	0	grass	perennial	reed canary grass

A.12 Lake of the Glens Park

FQA Database information:

Data collected: 6-15-2022

Region: Flora of the Chicago Region

Year Published: 2017

Description:

Flora of the Chicago Region UFQA Database. 2018. Kenneth Johnson. [As per Flora of the Chicago Region: A Floristic and Ecological Synthesis. 2017. Gerould Wilhelm and Laura Rericha. Indiana Academy of Science. Indianapolis, IN.]

Conservation Based Metrics:

Total Mean C:	2.9
Native Mean C:	3.8
Total FQI:	23
Native FQI:	26.3
Adjusted FQI:	33.2
% C value 0:	36.5%
% C value 1-3:	22.2%
% C value 4-6:	30.2%
% C value 7-10:	11.1%
Native Tree Mean C:	1.5
Native Shrub Mean C:	1.8
Native Herbaceous Mean C:	4.2

Species Richness

Total Species:	63
Native Species:	48 (76.2%)
Non-native Species:	15 (23.8%)

Species Wetness:

Mean Wetness:	0.4
Native Mean Wetness:	0.2

Physiognomy Metrics:

Tree:	5 (7.9%)
Shrub:	4 (6.3%)
Vine:	2 (3.2%)
Forb:	42 (66.7%)
Grass:	10 (15.9%)
Sedge:	0 (0%)
Rush:	0 (0%)
Fern:	0 (0%)
Bryophyte:	0 (0%)

Duration Metrics:

Annual:	4 (6.3%)
Perennial:	53 (84.1%)
Biennial:	6 (9.5%)
Native Annual:	3 (4.8%)
Native Perennial:	43 (68.3%)
Native Biennial:	2 (3.2%)

Lake of the Glens Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Ambrosia artemisiifolia</i>	Asteraceae	native	0	forb	annual	common ragweed
<i>Ambrosia trifida</i>	Asteraceae	native	0	forb	annual	giant ragweed
<i>Andropogon gerardii</i>	Poaceae	native	5	grass	perennial	big bluestem
<i>Apocynum cannabinum</i>	Apocynaceae	native	6	forb	perennial	hairy dogbane
<i>Asclepias incarnata</i>	Asclepiadaceae	native	3	forb	perennial	swamp milkweed
<i>Asclepias syriaca</i>	Asclepiadaceae	native	0	forb	perennial	common milkweed
<i>Asclepias tuberosa</i>	Asclepiadaceae	native	8	forb	perennial	butterfly weed
<i>Baptisia lactea</i>	Fabaceae	native	8	forb	perennial	white wild indigo
<i>Bouteloua curtipendula</i>	Poaceae	native	8	grass	perennial	side-oats grama
<i>Bromus inermis</i>	Poaceae	non-native	0	grass	perennial	hungarian brome
<i>Celtis occidentalis</i>	Ulmaceae	native	2	tree	perennial	hackberry
<i>Cirsium arvense</i>	Asteraceae	non-native	0	forb	perennial	field thistle
<i>Convolvulus arvensis</i>	Convolvulaceae	non-native	0	forb	perennial	field bindweed
<i>Daucus carota</i>	Apiaceae	non-native	0	forb	biennial	queen annes lace
<i>Desmanthus illinoensis</i>	Mimosaceae	native	3	forb	perennial	illinois bundleflower
<i>Dipsacus fullonum</i>	Dipsacaceae	non-native	0	forb	biennial	common teasel
<i>Erigeron strigosus</i>	Asteraceae	native	5	forb	biennial	daisy fleabane
<i>Eryngium yuccifolium</i>	Apiaceae	native	9	forb	perennial	rattlesnake master
<i>Geum laciniatum</i>	Rosaceae	native	3	forb	perennial	rough avens
<i>Helianthus grosseserratus</i>	Asteraceae	native	4	forb	perennial	sawtooth sunflower
<i>Iris virginica</i> var. <i>shrevei</i>	Iridaceae	native	5	forb	perennial	blue flag
<i>Juncus effusus</i>	Juncaceae	native	5	forb	perennial	soft rush
<i>Lespedeza capitata</i>	Fabaceae	native	4	forb	perennial	round-headed bush clover
<i>Lobelia siphilitica</i>	Lobeliaceae	native	4	forb	perennial	great blue lobelia
<i>Malus ioensis</i>	Rosaceae	native	4	tree	perennial	iowa crab apple
<i>Melilotus officinalis</i>	Fabaceae	non-native	0	forb	biennial	yellow sweet clover
<i>Monarda fistulosa</i>	Lamiaceae	native	4	forb	perennial	wild bergamot
<i>Morus alba</i>	Moraceae	non-native	0	tree	perennial	white mulberry
<i>Oenothera biennis</i>	Onagraceae	native	0	forb	biennial	common evening primrose
<i>Oenothera fruticosa</i>	Onagraceae	native	10	forb	perennial	shrubby sundrops

Lake of the Glens Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Oligoneuron rigidum</i>	Asteraceae	native	3	forb	perennial	stiff goldenrod
<i>Packera glabella</i>	Asteraceae	non-native	0	forb	annual	butterweed
<i>Panicum virgatum</i>	Poaceae	native	3	grass	perennial	switch grass
<i>Penstemon digitalis</i>	Scrophulariaceae	native	4	forb	perennial	foxtail beard tongue
<i>Persicaria pensylvanica</i>	Polygonaceae	native	0	forb	annual	pinkweed
<i>Phalaris arundinacea</i>	Poaceae	non-native	0	grass	perennial	reed canary grass
<i>Phragmites australis</i>	Poaceae	non-native	0	grass	perennial	common reed
<i>Physostegia virginiana</i>	Lamiaceae	native	4	forb	perennial	obedient plant
<i>Poa compressa</i>	Poaceae	non-native	0	grass	perennial	canada bluegrass
<i>Poa pratensis</i>	Poaceae	non-native	0	grass	perennial	kentucky bluegrass
<i>Pontederia cordata</i>	Pontederiaceae	native	9	forb	perennial	pickerelweed
<i>Populus deltoides</i>	Salicaceae	native	0	tree	perennial	eastern cottonwood
<i>Prunus serotina</i>	Rosaceae	native	0	tree	perennial	wild black cherry
<i>Ratibida pinnata</i>	Asteraceae	native	4	forb	perennial	yellow coneflower
<i>Rhus typhina</i>	Anacardiaceae	native	1	shrub	perennial	staghorn sumac
<i>Rubus occidentalis</i>	Rosaceae	native	0	shrub	perennial	black raspberry
<i>Rumex crispus</i>	Polygonaceae	non-native	0	forb	perennial	curly dock
<i>Sagittaria latifolia</i>	Alismataceae	native	3	forb	perennial	common arrowhead
<i>Salix interior</i>	Salicaceae	native	2	shrub	perennial	sandbar willow
<i>Sambucus canadensis</i>	Adoxaceae	native	4	shrub	perennial	elderberry
<i>Schizachyrium scoparium</i>	Poaceae	native	5	grass	perennial	little bluestem
<i>Securigera varia</i>	Fabaceae	non-native	0	forb	perennial	crown vetch
<i>Silphium perfoliatum</i>	Asteraceae	native	5	forb	perennial	cup plant
<i>Silphium terebinthinaceum</i>	Asteraceae	native	5	forb	perennial	prairie dock
<i>Solidago altissima</i>	Asteraceae	native	1	forb	perennial	tall goldenrod
<i>Solidago canadensis</i>	Asteraceae	native	1	forb	perennial	canada goldenrod
<i>Sparganium eurycarpum</i>	Sparganiaceae	native	5	forb	perennial	common bur reed
<i>Sporobolus heterolepis</i>	Poaceae	native	10	grass	perennial	prairie dropseed
<i>Toxicodendron radicans</i>	Anacardiaceae	native	2	vine	perennial	poison ivy
<i>Tradescantia ohiensis</i>	Commelinaceae	native	3	forb	perennial	common spiderwort

Lake of the Glens Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
Typha latifolia	Typhaceae	native	5	forb	perennial	broad-leaved cattail
Verbascum thapsus	Scrophulariaceae	non-native	0	forb	biennial	common mullein
Vitis riparia	Vitaceae	native	1	vine	perennial	riverbank grape

A.13 LaPorte Meadows Park

FQA Database information:

Data collected: 6-15-2022

Region: Flora of the Chicago Region

Year Published: 2017

Description:

Flora of the Chicago Region UFQA Database. 2018. Kenneth Johnson. [As per Flora of the Chicago Region: A Floristic and Ecological Synthesis. 2017. Gerould Wilhelm and Laura Rericha. Indiana Academy of Science. Indianapolis, IN.]

Conservation Based Metrics:

Total Mean C:	2.6
Native Mean C:	3.8
Total FQI:	23.4
Native FQI:	28.4
Adjusted FQI:	31.6
% C value 0:	39.5%
% C value 1-3:	22.2%
% C value 4-6:	28.4%
% C value 7-10:	9.9%
Native Tree Mean C:	1.3
Native Shrub Mean C:	2.5
Native Herbaceous Mean C:	3.9

Species Richness

Total Species:	81
Native Species:	56 (69.1%)
Non-native Species:	25 (30.9%)

Species Wetness:

Mean Wetness:	0.2
Native Mean Wetness:	-0.1

Physiognomy Metrics:

Tree:	5 (6.2%)
Shrub:	3 (3.7%)
Vine:	3 (3.7%)
Forb:	53 (65.4%)
Grass:	13 (16%)
Sedge:	4 (4.9%)
Rush:	0 (0%)
Fern:	0 (0%)
Bryophyte:	0 (0%)

Duration Metrics:

Annual:	7 (8.6%)
Perennial:	68 (84%)
Biennial:	6 (7.4%)
Native Annual:	4 (4.9%)
Native Perennial:	50 (61.7%)
Native Biennial:	2 (2.5%)

LaPorte Meadows Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Acer saccharinum</i>	Sapindaceae	native	1	tree	perennial	silver maple
<i>Acorus americanus</i>	Araceae	native	9	forb	perennial	american sweet flag
<i>Ambrosia artemisiifolia</i>	Asteraceae	native	0	forb	annual	common ragweed
<i>Andropogon gerardii</i>	Poaceae	native	5	grass	perennial	big bluestem
<i>Apocynum cannabinum</i>	Apocynaceae	native	6	forb	perennial	hairy dogbane
<i>Asclepias incarnata</i>	Asclepiadaceae	native	3	forb	perennial	swamp milkweed
<i>Asclepias syriaca</i>	Asclepiadaceae	native	0	forb	perennial	common milkweed
<i>Asclepias tuberosa</i>	Asclepiadaceae	native	8	forb	perennial	butterfly weed
<i>Baptisia lactea</i>	Fabaceae	native	8	forb	perennial	white wild indigo
<i>Bolboschoenus fluviatilis</i>	Cyperaceae	native	3	sedge	perennial	river bulrush
<i>Carex lurida</i>	Cyperaceae	native	5	sedge	perennial	bottlebrush sedge
<i>Celtis occidentalis</i>	Ulmaceae	native	2	tree	perennial	hackberry
<i>Cirsium arvense</i>	Asteraceae	non-native	0	forb	perennial	field thistle
<i>Cirsium vulgare</i>	Asteraceae	non-native	0	forb	biennial	bull thistle
<i>Convolvulus arvensis</i>	Convolvulaceae	non-native	0	forb	perennial	field bindweed
<i>Daucus carota</i>	Apiaceae	non-native	0	forb	biennial	queen annes lace
<i>Desmanthus illinoensis</i>	Mimosaceae	native	3	forb	perennial	illinois bundleflower
<i>Echinacea purpurea</i>	Asteraceae	native	10	forb	perennial	purple coneflower
<i>Elaeagnus angustifolia</i>	Elaeagnaceae	non-native	0	tree	perennial	russian olive
<i>Eleocharis palustris</i>	Cyperaceae	native	7	sedge	perennial	marsh spikerush
<i>Elymus canadensis</i>	Poaceae	native	4	grass	perennial	canada wild rye
<i>Elymus virginicus</i>	Poaceae	native	3	grass	perennial	virginia wild rye
<i>Erigeron strigosus</i>	Asteraceae	native	5	forb	biennial	daisy fleabane
<i>Eryngium yuccifolium</i>	Apiaceae	native	9	forb	perennial	rattlesnake master
<i>Eupatorium perfoliatum</i>	Asteraceae	native	4	forb	perennial	common boneset
<i>Fragaria virginiana</i>	Rosaceae	native	0	forb	perennial	wild strawberry
<i>Galium aparine</i>	Rubiaceae	native	0	forb	annual	wild velcro
<i>Geranium maculatum</i>	Geraniaceae	native	5	forb	perennial	wild geranium
<i>Geum laciniatum</i>	Rosaceae	native	3	forb	perennial	rough avens
<i>Gleditsia triacanthos</i>	Caesalpiniaceae	native	1	tree	perennial	honey locust

LaPorte Meadows Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Helianthus grosseserratus</i>	Asteraceae	native	4	forb	perennial	sawtooth sunflower
<i>Hibiscus palustris</i>	Malvaceae	native	7	forb	perennial	northern rose mallow
<i>Hordeum jubatum</i>	Poaceae	native	0	grass	annual	squirrel-tail barley
<i>Iris virginica</i> var. <i>shrevei</i>	Iridaceae	native	5	forb	perennial	blue flag
<i>Lactuca serriola</i>	Asteraceae	non-native	0	forb	biennial	prickly lettuce
<i>Lespedeza capitata</i>	Fabaceae	native	4	forb	perennial	round-headed bush clover
<i>Leucanthemum vulgare</i> var. <i>pinnatifidum</i>	Asteraceae	non-native	0	forb	perennial	ox-eye daisy
<i>Lonicera maackii</i>	Caprifoliaceae	non-native	0	shrub	perennial	amur honeysuckle
<i>Lythrum salicaria</i>	Lythraceae	non-native	0	forb	perennial	purple loosestrife
<i>Melilotus officinalis</i>	Fabaceae	non-native	0	forb	biennial	yellow sweet clover
<i>Monarda fistulosa</i>	Lamiaceae	native	4	forb	perennial	wild bergamot
<i>Morus alba</i>	Moraceae	non-native	0	tree	perennial	white mulberry
<i>Nepeta cataria</i>	Lamiaceae	non-native	0	forb	perennial	catnip
<i>Oenothera biennis</i>	Onagraceae	native	0	forb	biennial	common evening primrose
<i>Oligoneuron rigidum</i>	Asteraceae	native	3	forb	perennial	stiff goldenrod
<i>Packera glabella</i>	Asteraceae	non-native	0	forb	annual	butterweed
<i>Panicum virgatum</i>	Poaceae	native	3	grass	perennial	switch grass
<i>Penstemon digitalis</i>	Scrophulariaceae	native	4	forb	perennial	foxglove beard tongue
<i>Persicaria pensylvanica</i>	Polygonaceae	native	0	forb	annual	pinkweed
<i>Phalaris arundinacea</i>	Poaceae	non-native	0	grass	perennial	reed canary grass
<i>Phragmites australis</i>	Poaceae	non-native	0	grass	perennial	common reed
<i>Plantago major</i>	Plantaginaceae	non-native	0	forb	perennial	common plantain
<i>Poa compressa</i>	Poaceae	non-native	0	grass	perennial	canada bluegrass
<i>Poa pratensis</i>	Poaceae	non-native	0	grass	perennial	kentucky bluegrass
<i>Potentilla recta</i>	Rosaceae	non-native	0	forb	perennial	sulfur cinquefoil
<i>Pycnanthemum virginianum</i>	Lamiaceae	native	5	forb	perennial	common mountain mint
<i>Ratibida pinnata</i>	Asteraceae	native	4	forb	perennial	yellow coneflower
<i>Rhus typhina</i>	Anacardiaceae	native	1	shrub	perennial	staghorn sumac
<i>Rudbeckia hirta</i>	Asteraceae	native	1	forb	perennial	black-eyed susan
<i>Rumex crispus</i>	Polygonaceae	non-native	0	forb	perennial	curly dock

LaPorte Meadows Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Sambucus canadensis</i>	Adoxaceae	native	4	shrub	perennial	elderberry
<i>Schizachyrium scoparium</i>	Poaceae	native	5	grass	perennial	little bluestem
<i>Schoenoplectus tabernaemontani</i>	Cyperaceae	native	3	sedge	perennial	great bulrush
<i>Setaria viridis</i>	Poaceae	non-native	0	grass	annual	green foxtail
<i>Silphium perfoliatum</i>	Asteraceae	native	5	forb	perennial	cup plant
<i>Silphium terebinthinaceum</i>	Asteraceae	native	5	forb	perennial	prairie dock
<i>Solanum dulcamara</i>	Solanaceae	non-native	0	vine	perennial	deadly nightshade
<i>Solidago altissima</i>	Asteraceae	native	1	forb	perennial	tall goldenrod
<i>Solidago canadensis</i>	Asteraceae	native	1	forb	perennial	canada goldenrod
<i>Sonchus uliginosus</i>	Asteraceae	non-native	0	forb	perennial	common sow thistle
<i>Sorghastrum nutans</i>	Poaceae	native	5	grass	perennial	indian grass
<i>Sparganium eurycarpum</i>	Sparganiaceae	native	5	forb	perennial	common bur reed
<i>Spartina pectinata</i>	Poaceae	native	4	grass	perennial	prairie cordgrass
<i>Thlaspi arvense</i>	Brassicaceae	non-native	0	forb	annual	large-fruited penny cress
<i>Toxicodendron radicans</i>	Anacardiaceae	native	2	vine	perennial	poison ivy
<i>Tradescantia ohiensis</i>	Commelinaceae	native	3	forb	perennial	common spiderwort
<i>Trifolium pratense</i>	Fabaceae	non-native	0	forb	perennial	red clover
<i>Typha latifolia</i>	Typhaceae	native	5	forb	perennial	broad-leaved cattail
<i>Verbena hastata</i>	Verbenaceae	native	4	forb	perennial	blue vervain
<i>Vernonia fasciculata</i>	Asteraceae	native	8	forb	perennial	common ironweed
<i>Vitis riparia</i>	Vitaceae	native	1	vine	perennial	riverbank grape

A.14 Light House Point Park

FQA Database information:

Data collected: 6-15-2022

Region: Flora of the Chicago Region

Year Published: 2017

Description:

Flora of the Chicago Region UFQA Database. 2018. Kenneth Johnson. [As per Flora of the Chicago Region: A Floristic and Ecological Synthesis. 2017. Gerould Wilhelm and Laura Rericha. Indiana Academy of Science. Indianapolis, IN.]

Conservation Based Metrics:

Total Mean C:	2.5
Native Mean C:	3.8
Total FQI:	27.6
Native FQI:	33.6
Adjusted FQI:	30.4
% C value 0:	45.9%
% C value 1-3:	18%
% C value 4-6:	24.6%
% C value 7-10:	11.5%
Native Tree Mean C:	1.9
Native Shrub Mean C:	1.8
Native Herbaceous Mean C:	4.2

Species Richness

Total Species:	122
Native Species:	78 (63.9%)
Non-native Species:	44 (36.1%)

Species Wetness:

Mean Wetness:	0.3
Native Mean Wetness:	-0.1

Physiognomy Metrics:

Tree:	9 (7.4%)
Shrub:	6 (4.9%)
Vine:	3 (2.5%)
Forb:	77 (63.1%)
Grass:	20 (16.4%)
Sedge:	7 (5.7%)
Rush:	0 (0%)
Fern:	0 (0%)
Bryophyte:	0 (0%)

Duration Metrics:

Annual:	14 (11.5%)
Perennial:	100 (82%)
Biennial:	8 (6.6%)
Native Annual:	6 (4.9%)
Native Perennial:	71 (58.2%)
Native Biennial:	1 (0.8%)

Lighthouse Point Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Acer saccharinum</i>	Sapindaceae	native	1	tree	perennial	silver maple
<i>Achillea millefolium</i>	Asteraceae	native	0	forb	perennial	common yarrow
<i>Ailanthus altissima</i>	Simaroubaceae	non-native	0	tree	perennial	tree of heaven
<i>Ambrosia artemisiifolia</i>	Asteraceae	native	0	forb	annual	common ragweed
<i>Ambrosia trifida</i>	Asteraceae	native	0	forb	annual	giant ragweed
<i>Andropogon gerardii</i>	Poaceae	native	5	grass	perennial	big bluestem
<i>Apocynum cannabinum</i>	Apocynaceae	native	6	forb	perennial	hairy dogbane
<i>Arnoglossum atriplicifolium</i>	Asteraceae	native	8	forb	perennial	pale indian plantain
<i>Artemisia vulgaris</i>	Asteraceae	non-native	0	forb	perennial	mugwort
<i>Asclepias incarnata</i>	Asclepiadaceae	native	3	forb	perennial	swamp milkweed
<i>Asclepias syriaca</i>	Asclepiadaceae	native	0	forb	perennial	common milkweed
<i>Asclepias tuberosa</i>	Asclepiadaceae	native	8	forb	perennial	butterfly weed
<i>Baptisia lactea</i>	Fabaceae	native	8	forb	perennial	white wild indigo
<i>Boehmeria cylindrica</i>	Urticaceae	native	5	forb	perennial	swamp false nettle
<i>Bouteloua curtipendula</i>	Poaceae	native	8	grass	perennial	side-oats grama
<i>Bromus inermis</i>	Poaceae	non-native	0	grass	perennial	hungarian brome
<i>Bromus tectorum</i>	Poaceae	non-native	0	grass	annual	downy chess
<i>Carex brevior</i>	Cyperaceae	native	3	sedge	perennial	plains oval sedge
<i>Carex cristatella</i>	Cyperaceae	native	4	sedge	perennial	crested oval sedge
<i>Carex stricta</i>	Cyperaceae	native	5	sedge	perennial	common tussock sedge
<i>Carex vulpinoidea</i>	Cyperaceae	native	2	sedge	perennial	brown fox sedge
<i>Celtis occidentalis</i>	Ulmaceae	native	2	tree	perennial	hackberry
<i>Cichorium intybus</i>	Asteraceae	non-native	0	forb	perennial	chicory
<i>Cirsium arvense</i>	Asteraceae	non-native	0	forb	perennial	field thistle
<i>Convolvulus arvensis</i>	Convolvulaceae	non-native	0	forb	perennial	field bindweed
<i>Conyza canadensis</i>	Asteraceae	native	0	forb	annual	tall horseweed
<i>Coreopsis tripteris</i>	Asteraceae	native	5	forb	perennial	tall coreopsis
<i>Cornus racemosa</i>	Cornaceae	native	1	shrub	perennial	gray dogwood
<i>Dactylis glomerata</i>	Poaceae	non-native	0	grass	perennial	orchard grass
<i>Daucus carota</i>	Apiaceae	non-native	0	forb	biennial	queen annes lace

Lighthouse Point Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Desmanthus illinoensis</i>	Mimosaceae	native	3	forb	perennial	illinois bundleflower
<i>Dipsacus fullonum</i>	Dipsacaceae	non-native	0	forb	biennial	common teasel
<i>Dipsacus laciniatus</i>	Dipsacaceae	non-native	0	forb	biennial	cut-leaved teasel
<i>Duchesnea indica</i>	Rosaceae	non-native	0	forb	perennial	indian strawberry
<i>Echinacea purpurea</i>	Asteraceae	native	10	forb	perennial	purple coneflower
<i>Echinochloa crus-galli</i>	Poaceae	non-native	0	grass	annual	barnyard grass
<i>Eleocharis palustris</i>	Cyperaceae	native	7	sedge	perennial	marsh spikerush
<i>Elymus canadensis</i>	Poaceae	native	4	grass	perennial	canada wild rye
<i>Elymus virginicus</i>	Poaceae	native	3	grass	perennial	virginia wild rye
<i>Erigeron annuus</i>	Asteraceae	native	0	forb	annual	annual fleabane
<i>Eryngium yuccifolium</i>	Apiaceae	native	9	forb	perennial	rattlesnake master
<i>Eupatorium perfoliatum</i>	Asteraceae	native	4	forb	perennial	common boneset
<i>Fraxinus lanceolata</i>	Oleaceae	native	1	tree	perennial	green ash
<i>Geum laciniatum</i>	Rosaceae	native	3	forb	perennial	rough avens
<i>Gleditsia triacanthos</i>	Caesalpiniaceae	native	1	tree	perennial	honey locust
<i>Heliopsis helianthoides</i>	Asteraceae	native	7	forb	perennial	false sunflower
<i>Hesperis matronalis</i>	Brassicaceae	non-native	0	forb	biennial	dames rocket
<i>Hibiscus palustris</i>	Malvaceae	native	7	forb	perennial	northern rose mallow
<i>Hibiscus trionum</i>	Malvaceae	non-native	0	forb	annual	flower-of-an-hour
<i>Hordeum jubatum</i>	Poaceae	native	0	grass	annual	squirrel-tail barley
<i>Iris pseudacorus</i>	Iridaceae	non-native	0	forb	perennial	tall yellow iris
<i>Iris virginica</i> var. <i>shrevei</i>	Iridaceae	native	5	forb	perennial	blue flag
<i>Juncus effusus</i>	Juncaceae	native	5	forb	perennial	soft rush
<i>Lactuca serriola</i>	Asteraceae	non-native	0	forb	biennial	prickly lettuce
<i>Leucanthemum vulgare</i>	Asteraceae	non-native	0	forb	perennial	garden ox-eye daisy
<i>Lonicera maackii</i>	Caprifoliaceae	non-native	0	shrub	perennial	amur honeysuckle
<i>Lotus corniculatus</i>	Fabaceae	non-native	0	forb	perennial	birds foot trefoil
<i>Lythrum salicaria</i>	Lythraceae	non-native	0	forb	perennial	purple loosestrife
<i>Medicago sativa</i>	Fabaceae	non-native	0	forb	perennial	alfalfa
<i>Melilotus officinalis</i>	Fabaceae	non-native	0	forb	biennial	yellow sweet clover

Lighthouse Point Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Monarda fistulosa</i>	Lamiaceae	native	4	forb	perennial	wild bergamot
<i>Morus alba</i>	Moraceae	non-native	0	tree	perennial	white mulberry
<i>Oenothera biennis</i>	Onagraceae	native	0	forb	biennial	common evening primrose
<i>Oligoneuron rigidum</i>	Asteraceae	native	3	forb	perennial	stiff goldenrod
<i>Packera glabella</i>	Asteraceae	non-native	0	forb	annual	butterweed
<i>Panicum virgatum</i>	Poaceae	native	3	grass	perennial	switch grass
<i>Parthenium integrifolium</i>	Asteraceae	native	8	forb	perennial	wild quinine
<i>Parthenocissus quinquefolia</i>	Vitaceae	native	4	vine	perennial	virginia creeper
<i>Pastinaca sativa</i>	Apiaceae	non-native	0	forb	biennial	wild parsnip
<i>Penstemon digitalis</i>	Scrophulariaceae	native	4	forb	perennial	foxglove beard tongue
<i>Persicaria pensylvanica</i>	Polygonaceae	native	0	forb	annual	pinkweed
<i>Phalaris arundinacea</i>	Poaceae	non-native	0	grass	perennial	reed canary grass
<i>Phleum pratense</i>	Poaceae	non-native	0	grass	perennial	timothy
<i>Phragmites australis</i>	Poaceae	non-native	0	grass	perennial	common reed
<i>Plantago lanceolata</i>	Plantaginaceae	non-native	0	forb	perennial	english plantain
<i>Plantago major</i>	Plantaginaceae	non-native	0	forb	perennial	common plantain
<i>Poa compressa</i>	Poaceae	non-native	0	grass	perennial	canada bluegrass
<i>Poa pratensis</i>	Poaceae	non-native	0	grass	perennial	kentucky bluegrass
<i>Pontederia cordata</i>	Pontederiaceae	native	9	forb	perennial	pickerelweed
<i>Populus deltoides</i>	Salicaceae	native	0	tree	perennial	eastern cottonwood
<i>Potentilla recta</i>	Rosaceae	non-native	0	forb	perennial	sulfur cinquefoil
<i>Prunus serotina</i>	Rosaceae	native	0	tree	perennial	wild black cherry
<i>Pycnanthemum virginianum</i>	Lamiaceae	native	5	forb	perennial	common mountain mint
<i>Quercus bicolor</i>	Fagaceae	native	5	tree	perennial	swamp white oak
<i>Ratibida pinnata</i>	Asteraceae	native	4	forb	perennial	yellow coneflower
<i>Rosa multiflora</i>	Rosaceae	non-native	0	shrub	perennial	multiflora rose
<i>Rubus occidentalis</i>	Rosaceae	native	0	shrub	perennial	black raspberry
<i>Rudbeckia hirta</i>	Asteraceae	native	1	forb	perennial	black-eyed susan
<i>Rudbeckia subtomentosa</i>	Asteraceae	native	8	forb	perennial	sweet black-eyed susan
<i>Rumex crispus</i>	Polygonaceae	non-native	0	forb	perennial	curly dock

Lighthouse Point Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Sagittaria latifolia</i>	Alismataceae	native	3	forb	perennial	common arrowhead
<i>Salix interior</i>	Salicaceae	native	2	shrub	perennial	sandbar willow
<i>Sambucus canadensis</i>	Adoxaceae	native	4	shrub	perennial	elderberry
<i>Schizachyrium scoparium</i>	Poaceae	native	5	grass	perennial	little bluestem
<i>Schoenoplectus tabernaemontani</i>	Cyperaceae	native	3	sedge	perennial	great bulrush
<i>Scirpus atrovirens</i>	Cyperaceae	native	4	sedge	perennial	dark green rush
<i>Securigera varia</i>	Fabaceae	non-native	0	forb	perennial	crown vetch
<i>Setaria pumila</i>	Poaceae	non-native	0	grass	annual	yellow foxtail
<i>Setaria viridis</i>	Poaceae	non-native	0	grass	annual	green foxtail
<i>Silphium integrifolium</i>	Asteraceae	native	5	forb	perennial	rosinweed
<i>Silphium laciniatum</i>	Asteraceae	native	5	forb	perennial	compass plant
<i>Silphium perfoliatum</i>	Asteraceae	native	5	forb	perennial	cup plant
<i>Silphium terebinthinaceum</i>	Asteraceae	native	5	forb	perennial	prairie dock
<i>Solanum carolinense</i>	Solanaceae	non-native	0	forb	perennial	horse nettle
<i>Solidago altissima</i>	Asteraceae	native	1	forb	perennial	tall goldenrod
<i>Solidago canadensis</i>	Asteraceae	native	1	forb	perennial	canada goldenrod
<i>Sonchus oleraceus</i>	Asteraceae	non-native	0	forb	annual	store-front sow thistle
<i>Sorghastrum nutans</i>	Poaceae	native	5	grass	perennial	indian grass
<i>Sparganium eurycarpum</i>	Sparganiaceae	native	5	forb	perennial	common bur reed
<i>Sporobolus heterolepis</i>	Poaceae	native	10	grass	perennial	prairie dropseed
<i>Thlaspi arvense</i>	Brassicaceae	non-native	0	forb	annual	large-fruited penny cress
<i>Toxicodendron radicans</i>	Anacardiaceae	native	2	vine	perennial	poison ivy
<i>Tradescantia ohiensis</i>	Commelinaceae	native	3	forb	perennial	common spiderwort
<i>Trifolium pratense</i>	Fabaceae	non-native	0	forb	perennial	red clover
<i>Trifolium repens</i>	Fabaceae	non-native	0	forb	perennial	white clover
<i>Typha latifolia</i>	Typhaceae	native	5	forb	perennial	broad-leaved cattail
<i>Urtica gracilis</i>	Urticaceae	native	1	forb	perennial	tall nettle
<i>Verbena hastata</i>	Verbenaceae	native	4	forb	perennial	blue vervain
<i>Verbena stricta</i>	Verbenaceae	native	4	forb	perennial	hoary vervain
<i>Vernonia fasciculata</i>	Asteraceae	native	8	forb	perennial	common ironweed

Lighthouse Point Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
Vitis riparia	Vitaceae	native	1	vine	perennial	riverbank grape
Zizia aurea	Apiaceae	native	5	forb	perennial	golden alexanders

A.15 Lincoln-Way North Park

FQA Database information:

Data collected: 6-15-2022

Region: Flora of the Chicago Region

Year Published: 2017

Description:

Flora of the Chicago Region UFQA Database. 2018. Kenneth Johnson. [As per Flora of the Chicago Region: A Floristic and Ecological Synthesis. 2017. Gerould Wilhelm and Laura Rericha. Indiana Academy of Science. Indianapolis, IN.]

Conservation Based Metrics:

Total Mean C:	2.5
Native Mean C:	3.8
Total FQI:	22.9
Native FQI:	28.4
Adjusted FQI:	31
% C value 0:	42.9%
% C value 1-3:	17.9%
% C value 4-6:	29.8%
% C value 7-10:	9.5%
Native Tree Mean C:	3
Native Shrub Mean C:	3.7
Native Herbaceous Mean C:	4

Species Richness

Total Species:	84
Native Species:	56 (66.7%)
Non-native Species:	28 (33.3%)

Species Wetness:

Mean Wetness:	0.4
Native Mean Wetness:	0.1

Physiognomy Metrics:

Tree:	11 (13.1%)
Shrub:	10 (11.9%)
Vine:	4 (4.8%)
Forb:	42 (50%)
Grass:	11 (13.1%)
Sedge:	6 (7.1%)
Rush:	0 (0%)
Fern:	0 (0%)
Bryophyte:	0 (0%)

Duration Metrics:

Annual:	6 (7.1%)
Perennial:	70 (83.3%)
Biennial:	8 (9.5%)
Native Annual:	3 (3.6%)
Native Perennial:	51 (60.7%)
Native Biennial:	2 (2.4%)

Lincoln-Way North Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Acer rubrum</i>	Sapindaceae	native	5	tree	perennial	red maple
<i>Acer saccharinum</i>	Sapindaceae	native	1	tree	perennial	silver maple
<i>Acer saccharum</i>	Sapindaceae	native	5	tree	perennial	sugar maple
<i>Ambrosia artemisiifolia</i>	Asteraceae	native	0	forb	annual	common ragweed
<i>Andropogon gerardii</i>	Poaceae	native	5	grass	perennial	big bluestem
<i>Anemone virginiana</i> var. <i>alba</i>	Ranunculaceae	native	5	forb	perennial	northern tall anemone
<i>Aquilegia canadensis</i>	Ranunculaceae	native	6	forb	perennial	wild columbine
<i>Arctium minus</i>	Asteraceae	non-native	0	forb	biennial	common burdock
<i>Artemisia vulgaris</i>	Asteraceae	non-native	0	forb	perennial	mugwort
<i>Asclepias syriaca</i>	Asclepiadaceae	native	0	forb	perennial	common milkweed
<i>Asclepias tuberosa</i>	Asclepiadaceae	native	8	forb	perennial	butterfly weed
<i>Boehmeria cylindrica</i>	Urticaceae	native	5	forb	perennial	swamp false nettle
<i>Bromus inermis</i>	Poaceae	non-native	0	grass	perennial	hungarian brome
<i>Carex crinita</i>	Cyperaceae	native	7	sedge	perennial	fringed sedge
<i>Carex cristatella</i>	Cyperaceae	native	4	sedge	perennial	crested oval sedge
<i>Carex radiata</i>	Cyperaceae	native	5	sedge	perennial	straight-styled wood sedge
<i>Carex stricta</i>	Cyperaceae	native	5	sedge	perennial	common tussock sedge
<i>Carex tribuloides</i>	Cyperaceae	native	7	sedge	perennial	awl-fruited oval sedge
<i>Carex vulpinoidea</i>	Cyperaceae	native	2	sedge	perennial	brown fox sedge
<i>Catalpa speciosa</i>	Bignoniaceae	non-native	0	tree	perennial	northern cigar tree
<i>Celtis occidentalis</i>	Ulmaceae	native	2	tree	perennial	hackberry
<i>Cirsium arvense</i>	Asteraceae	non-native	0	forb	perennial	field thistle
<i>Cirsium vulgare</i>	Asteraceae	non-native	0	forb	biennial	bull thistle
<i>Convolvulus arvensis</i>	Convolvulaceae	non-native	0	forb	perennial	field bindweed
<i>Cornus racemosa</i>	Cornaceae	native	1	shrub	perennial	gray dogwood
<i>Dalea purpurea</i>	Fabaceae	native	9	forb	perennial	purple prairie clover
<i>Daucus carota</i>	Apiaceae	non-native	0	forb	biennial	queen annes lace
<i>Desmanthus illinoensis</i>	Mimosaceae	native	3	forb	perennial	illinois bundleflower
<i>Dipsacus fullonum</i>	Dipsacaceae	non-native	0	forb	biennial	common teasel
<i>Elymus virginicus</i>	Poaceae	native	3	grass	perennial	virginia wild rye

Lincoln-Way North Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Erigeron strigosus</i>	Asteraceae	native	5	forb	biennial	daisy fleabane
<i>Eupatorium perfoliatum</i>	Asteraceae	native	4	forb	perennial	common boneset
<i>Eurybia macrophylla</i>	Asteraceae	native	9	forb	perennial	big-leaf aster
<i>Galium aparine</i>	Rubiaceae	native	0	forb	annual	wild velcro
<i>Geum laciniatum</i>	Rosaceae	native	3	forb	perennial	rough avens
<i>Gleditsia triacanthos</i>	Caesalpiniaceae	native	1	tree	perennial	honey locust
<i>Hemerocallis fulva</i>	Hemerocallidaceae	non-native	0	forb	perennial	orange daylily
<i>Hordeum jubatum</i>	Poaceae	native	0	grass	annual	squirrel-tail barley
<i>Juncus effusus</i>	Juncaceae	native	5	forb	perennial	soft rush
<i>Lactuca serriola</i>	Asteraceae	non-native	0	forb	biennial	prickly lettuce
<i>Lonicera maackii</i>	Caprifoliaceae	non-native	0	shrub	perennial	amur honeysuckle
<i>Melilotus officinalis</i>	Fabaceae	non-native	0	forb	biennial	yellow sweet clover
<i>Monarda fistulosa</i>	Lamiaceae	native	4	forb	perennial	wild bergamot
<i>Morus alba</i>	Moraceae	non-native	0	tree	perennial	white mulberry
<i>Narcissus pseudonarcissus</i>	Amaryllidaceae	non-native	0	forb	perennial	common daffodil
<i>Oenothera biennis</i>	Onagraceae	native	0	forb	biennial	common evening primrose
<i>Oxalis dillenii</i>	Oxalidaceae	native	0	forb	perennial	common wood sorrel
<i>Packera glabella</i>	Asteraceae	non-native	0	forb	annual	butterweed
<i>Parthenocissus quinquefolia</i>	Vitaceae	native	4	vine	perennial	virginia creeper
<i>Phalaris arundinacea</i>	Poaceae	non-native	0	grass	perennial	reed canary grass
<i>Physocarpus opulifolius</i>	Rosaceae	native	5	shrub	perennial	ninebark
<i>Plantago major</i>	Plantaginaceae	non-native	0	forb	perennial	common plantain
<i>Poa compressa</i>	Poaceae	non-native	0	grass	perennial	canada bluegrass
<i>Poa pratensis</i>	Poaceae	non-native	0	grass	perennial	kentucky bluegrass
<i>Prunus serotina</i>	Rosaceae	native	0	tree	perennial	wild black cherry
<i>Pycnanthemum virginianum</i>	Lamiaceae	native	5	forb	perennial	common mountain mint
<i>Quercus bicolor</i>	Fagaceae	native	5	tree	perennial	swamp white oak
<i>Quercus macrocarpa</i>	Fagaceae	native	5	tree	perennial	bur oak
<i>Ratibida pinnata</i>	Asteraceae	native	4	forb	perennial	yellow coneflower
<i>Rhamnus cathartica</i>	Rhamnaceae	non-native	0	shrub	perennial	common buckthorn

Lincoln-Way North Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Rhus aromatica</i>	Anacardiaceae	native	9	shrub	perennial	fragrant sumac
<i>Ribes cynosbati</i>	Grossulariaceae	native	5	shrub	perennial	prickly wild gooseberry
<i>Rosa multiflora</i>	Rosaceae	non-native	0	shrub	perennial	multiflora rose
<i>Rubus occidentalis</i>	Rosaceae	native	0	shrub	perennial	black raspberry
<i>Rudbeckia hirta</i>	Asteraceae	native	1	forb	perennial	black-eyed susan
<i>Rumex crispus</i>	Polygonaceae	non-native	0	forb	perennial	curly dock
<i>Salix interior</i>	Salicaceae	native	2	shrub	perennial	sandbar willow
<i>Sambucus canadensis</i>	Adoxaceae	native	4	shrub	perennial	elderberry
<i>Schizachyrium scoparium</i>	Poaceae	native	5	grass	perennial	little bluestem
<i>Securigera varia</i>	Fabaceae	non-native	0	forb	perennial	crown vetch
<i>Setaria viridis</i>	Poaceae	non-native	0	grass	annual	green foxtail
<i>Silphium perfoliatum</i>	Asteraceae	native	5	forb	perennial	cup plant
<i>Solanum dulcamara</i>	Solanaceae	non-native	0	vine	perennial	deadly nightshade
<i>Solidago altissima</i>	Asteraceae	native	1	forb	perennial	tall goldenrod
<i>Solidago canadensis</i>	Asteraceae	native	1	forb	perennial	canada goldenrod
<i>Sorghastrum nutans</i>	Poaceae	native	5	grass	perennial	indian grass
<i>Sporobolus heterolepis</i>	Poaceae	native	10	grass	perennial	prairie dropseed
<i>Taraxacum officinale</i>	Asteraceae	non-native	0	forb	perennial	common dandelion
<i>Thlaspi arvense</i>	Brassicaceae	non-native	0	forb	annual	large-fruited penny cress
<i>Toxicodendron radicans</i>	Anacardiaceae	native	2	vine	perennial	poison ivy
<i>Ulmus americana</i>	Ulmaceae	native	3	tree	perennial	american elm
<i>Verbena hastata</i>	Verbenaceae	native	4	forb	perennial	blue vervain
<i>Vernonia fasciculata</i>	Asteraceae	native	8	forb	perennial	common ironweed
<i>Vitis riparia</i>	Vitaceae	native	1	vine	perennial	riverbank grape

A.16 Lincoln-Way North Park: EAC Garden

FQA Database information:

Data collected: 6-15-2022

Region: Flora of the Chicago Region

Year Published: 2017

Description:

Flora of the Chicago Region UFQA Database. 2018. Kenneth Johnson. [As per Flora of the Chicago Region: A Floristic and Ecological Synthesis. 2017. Gerould Wilhelm and Laura Rericha. Indiana Academy of Science. Indianapolis, IN.]

Conservation Based Metrics:

Total Mean C:	2.8
Native Mean C:	3.7
Total FQI:	19
Native FQI:	21.9
Adjusted FQI:	32.3
% C value 0:	30.4%
% C value 1-3:	30.4%
% C value 4-6:	30.4%
% C value 7-10:	8.7%
Native Tree Mean C:	2.5
Native Shrub Mean C:	3.5
Native Herbaceous Mean C:	3.8

Species Richness

Total Species:	46
Native Species:	35 (76.1%)
Non-native Species:	11 (23.9%)

Species Wetness:

Mean Wetness:	0.4
Native Mean Wetness:	0.1

Physiognomy Metrics:

Tree:	3 (6.5%)
Shrub:	3 (6.5%)
Vine:	1 (2.2%)
Forb:	33 (71.7%)
Grass:	5 (10.9%)
Sedge:	1 (2.2%)
Rush:	0 (0%)
Fern:	0 (0%)
Bryophyte:	0 (0%)

Duration Metrics:

Annual:	2 (4.3%)
Perennial:	39 (84.8%)
Biennial:	5 (10.9%)
Native Annual:	2 (4.3%)
Native Perennial:	31 (67.4%)
Native Biennial:	2 (4.3%)

Lincoln-Way North Park: EAC Garden Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Acer saccharinum</i>	Sapindaceae	native	1	tree	perennial	silver maple
<i>Ambrosia artemisiifolia</i>	Asteraceae	native	0	forb	annual	common ragweed
<i>Andropogon gerardii</i>	Poaceae	native	5	grass	perennial	big bluestem
<i>Asclepias incarnata</i>	Asclepiadaceae	native	3	forb	perennial	swamp milkweed
<i>Asclepias verticillata</i>	Asclepiadaceae	native	1	forb	perennial	whorled milkweed
<i>Carex lurida</i>	Cyperaceae	native	5	sedge	perennial	bottlebrush sedge
<i>Cirsium arvense</i>	Asteraceae	non-native	0	forb	perennial	field thistle
<i>Cirsium vulgare</i>	Asteraceae	non-native	0	forb	biennial	bull thistle
<i>Daucus carota</i>	Apiaceae	non-native	0	forb	biennial	queen annes lace
<i>Desmanthus illinoensis</i>	Mimosaceae	native	3	forb	perennial	illinois bundleflower
<i>Dipsacus fullonum</i>	Dipsacaceae	non-native	0	forb	biennial	common teasel
<i>Erigeron strigosus</i>	Asteraceae	native	5	forb	biennial	daisy fleabane
<i>Eryngium yuccifolium</i>	Apiaceae	native	9	forb	perennial	rattlesnake master
<i>Eupatorium perfoliatum</i>	Asteraceae	native	4	forb	perennial	common boneset
<i>Euthamia graminifolia</i>	Asteraceae	native	4	forb	perennial	smooth grass-leaved goldenrod
<i>Filipendula rubra</i>	Rosaceae	native	10	forb	perennial	queen of the prairie
<i>Geum laciniatum</i>	Rosaceae	native	3	forb	perennial	rough avens
<i>Juncus tenuis</i>	Juncaceae	native	0	forb	perennial	path rush
<i>Leucanthemum vulgare</i> var. <i>pinnatifidum</i>	Asteraceae	non-native	0	forb	perennial	ox-eye daisy
<i>Malus ioensis</i>	Rosaceae	native	4	tree	perennial	iowa crab apple
<i>Mentha canadensis</i>	Lamiaceae	native	5	forb	perennial	wild mint
<i>Monarda fistulosa</i>	Lamiaceae	native	4	forb	perennial	wild bergamot
<i>Oenothera biennis</i>	Onagraceae	native	0	forb	biennial	common evening primrose
<i>Panicum virgatum</i>	Poaceae	native	3	grass	perennial	switch grass
<i>Penstemon digitalis</i>	Scrophulariaceae	native	4	forb	perennial	foxglove beard tongue
<i>Phragmites australis</i>	Poaceae	non-native	0	grass	perennial	common reed
<i>Potentilla simplex</i>	Rosaceae	native	3	forb	perennial	common cinquefoil
<i>Pycnanthemum virginianum</i>	Lamiaceae	native	5	forb	perennial	common mountain mint
<i>Pyrus calleryana</i>	Rosaceae	non-native	0	tree	perennial	bradford pear
<i>Ratibida pinnata</i>	Asteraceae	native	4	forb	perennial	yellow coneflower

Lincoln-Way North Park: EAC Garden Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
Ribes nigrum	Grossulariaceae	non-native	0	shrub	perennial	black currant
Rosa carolina	Rosaceae	native	5	shrub	perennial	pasture rose
Rudbeckia hirta	Asteraceae	native	1	forb	perennial	black-eyed susan
Rudbeckia triloba	Asteraceae	native	1	forb	annual	brown-eyed susan
Salix interior	Salicaceae	native	2	shrub	perennial	sandbar willow
Solanum carolinense	Solanaceae	non-native	0	forb	perennial	horse nettle
Solanum dulcamara	Solanaceae	non-native	0	vine	perennial	deadly nightshade
Solidago altissima	Asteraceae	native	1	forb	perennial	tall goldenrod
Solidago canadensis	Asteraceae	native	1	forb	perennial	canada goldenrod
Sorghastrum nutans	Poaceae	native	5	grass	perennial	indian grass
Sporobolus heterolepis	Poaceae	native	10	grass	perennial	prairie dropseed
Symphyotrichum novae-angliae	Asteraceae	native	3	forb	perennial	new england aster
Taraxacum officinale	Asteraceae	non-native	0	forb	perennial	common dandelion
Tradescantia ohiensis	Commelinaceae	native	3	forb	perennial	common spiderwort
Verbena hastata	Verbenaceae	native	4	forb	perennial	blue vervain
Vernonia fasciculata	Asteraceae	native	8	forb	perennial	common ironweed

A.17 Old Plank Trail Park

FQA Database information:

Data collected: 7-20-2022

Region: **Flora of the Chicago Region**

Year Published: **2017**

Description:

Flora of the Chicago Region UFQA Database. 2018. Kenneth Johnson. [As per Flora of the Chicago Region: A Floristic and Ecological Synthesis. 2017. Gerould Wilhelm and Laura Rericha. Indiana Academy of Science. Indianapolis, IN.]

Conservation Based Metrics:

Total Mean C:	1.9
Native Mean C:	2.9
Total FQI:	13.4
Native FQI:	16.7
Adjusted FQI:	23.6
% C value 0:	46%
% C value 1-3:	28%
% C value 4-6:	22%
% C value 7-10:	4%
Native Tree Mean C:	3
Native Shrub Mean C:	0.5
Native Herbaceous Mean C:	3

Species Richness

Total Species:	50
Native Species:	33 (66%)
Non-native Species:	17 (34%)

Species Wetness:

Mean Wetness:	0.4
Native Mean Wetness:	-0

Physiognomy Metrics:

Tree:	8 (16%)
Shrub:	5 (10%)
Vine:	3 (6%)
Forb:	29 (58%)
Grass:	4 (8%)
Sedge:	1 (2%)
Rush:	0 (0%)
Fern:	0 (0%)
Bryophyte:	0 (0%)

Duration Metrics:

Annual:	2 (4.3%)
Perennial:	39 (84.8%)
Biennial:	5 (10.9%)
Native Annual:	2 (4%)
Native Perennial:	30 (60%)
Native Biennial:	1 (2%)

Old Plank Trail Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Acer saccharinum</i>	Sapindaceae	native	1	tree	perennial	silver maple
<i>Ambrosia artemisiifolia</i>	Asteraceae	native	0	forb	annual	common ragweed
<i>Asarum canadense</i> var. <i>reflexum</i>	Aristolochiaceae	native	5	forb	perennial	reflexed wild ginger
<i>Asclepias incarnata</i>	Asclepiadaceae	native	3	forb	perennial	swamp milkweed
<i>Asclepias syriaca</i>	Asclepiadaceae	native	0	forb	perennial	common milkweed
<i>Bidens frondosa</i>	Asteraceae	native	1	forb	annual	common beggars ticks
<i>Boehmeria cylindrica</i>	Urticaceae	native	5	forb	perennial	swamp false nettle
<i>Bolboschoenus fluviatilis</i>	Cyperaceae	native	3	sedge	perennial	river bulrush
<i>Bromus inermis</i>	Poaceae	non-native	0	grass	perennial	hungarian brome
<i>Carya ovata</i>	Juglandaceae	native	5	tree	perennial	shagbark hickory
<i>Celtis occidentalis</i>	Ulmaceae	native	2	tree	perennial	hackberry
<i>Cirsium arvense</i>	Asteraceae	non-native	0	forb	perennial	field thistle
<i>Daucus carota</i>	Apiaceae	non-native	0	forb	biennial	queen annes lace
<i>Erigeron strigosus</i>	Asteraceae	native	5	forb	biennial	daisy fleabane
<i>Fragaria virginiana</i>	Rosaceae	native	0	forb	perennial	wild strawberry
<i>Fraxinus lanceolata</i>	Oleaceae	native	1	tree	perennial	green ash
<i>Geum laciniatum</i>	Rosaceae	native	3	forb	perennial	rough avens
<i>Hibiscus palustris</i>	Malvaceae	native	7	forb	perennial	northern rose mallow
<i>Iris virginica</i> var. <i>shrevei</i>	Iridaceae	native	5	forb	perennial	blue flag
<i>Juncus tenuis</i>	Juncaceae	native	0	forb	perennial	path rush
<i>Juncus torreyi</i>	Juncaceae	native	2	forb	perennial	torreys rush
<i>Lonicera maackii</i>	Caprifoliaceae	non-native	0	shrub	perennial	amur honeysuckle
<i>Melilotus albus</i>	Fabaceae	non-native	0	forb	biennial	white sweet clover
<i>Morus alba</i>	Moraceae	non-native	0	tree	perennial	white mulberry
<i>Parthenocissus quinquefolia</i>	Vitaceae	native	4	vine	perennial	virginia creeper
<i>Phragmites australis</i>	Poaceae	non-native	0	grass	perennial	common reed
<i>Physalis longifolia</i>	Solanaceae	native	0	forb	perennial	tall ground cherry
<i>Plantago lanceolata</i>	Plantaginaceae	non-native	0	forb	perennial	english plantain
<i>Poa compressa</i>	Poaceae	non-native	0	grass	perennial	canada bluegrass

Old Plank Trail Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Poa pratensis</i>	Poaceae	non-native	0	grass	perennial	kentucky bluegrass
<i>Pontederia cordata</i>	Pontederiaceae	native	9	forb	perennial	pickerelweed
<i>Prunella vulgaris</i>	Lamiaceae	non-native	0	forb	perennial	lawn self heal
<i>Pyrus calleryana</i>	Rosaceae	non-native	0	tree	perennial	bradford pear
<i>Quercus macrocarpa</i>	Fagaceae	native	5	tree	perennial	bur oak
<i>Rhamnus cathartica</i>	Rhamnaceae	non-native	0	shrub	perennial	common buckthorn
<i>Rhus typhina</i>	Anacardiaceae	native	1	shrub	perennial	staghorn sumac
<i>Rosa multiflora</i>	Rosaceae	non-native	0	shrub	perennial	multiflora rose
<i>Rubus occidentalis</i>	Rosaceae	native	0	shrub	perennial	black raspberry
<i>Rumex crispus</i>	Polygonaceae	non-native	0	forb	perennial	curly dock
<i>Sagittaria latifolia</i>	Alismataceae	native	3	forb	perennial	common arrowhead
<i>Smilacina stellata</i>	Convallariaceae	native	5	forb	perennial	starry false solomons seal
<i>Solidago altissima</i>	Asteraceae	native	1	forb	perennial	tall goldenrod
<i>Solidago canadensis</i>	Asteraceae	native	1	forb	perennial	canada goldenrod
<i>Sonchus uliginosus</i>	Asteraceae	non-native	0	forb	perennial	common sow thistle
<i>Symphotrichum ericoides</i>	Asteraceae	native	6	forb	perennial	heath aster
<i>Toxicodendron radicans</i>	Anacardiaceae	native	2	vine	perennial	poison ivy
<i>Trifolium pratense</i>	Fabaceae	non-native	0	forb	perennial	red clover
<i>Typha latifolia</i>	Typhaceae	native	5	forb	perennial	broad-leaved cattail
<i>Ulmus rubra</i>	Ulmaceae	native	4	tree	perennial	slippery elm
<i>Vitis riparia</i>	Vitaceae	native	1	vine	perennial	riverbank grape

A.18 Ridgefield Park

FQA Database information:

Data collected: 06-15-2022

Region: **Flora of the Chicago Region**

Year Published: **2017**

Description:

Flora of the Chicago Region UFQA Database. 2018. Kenneth Johnson. [As per Flora of the Chicago Region: A Floristic and Ecological Synthesis. 2017. Gerould Wilhelm and Laura Rericha. Indiana Academy of Science. Indianapolis, IN.]

Conservation Based Metrics:

Total Mean C:	2.3
Native Mean C:	4
Total FQI:	13.6
Native FQI:	17.9
Adjusted FQI:	30.2
% C value 0:	48.6%
% C value 1-3:	11.4%
% C value 4-6:	34.3%
% C value 7-10:	5.7%
Native Tree Mean C:	n/a
Native Shrub Mean C:	3
Native Herbaceous Mean C:	4.1

Species Richness

Total Species:	35
Native Species:	20 (57.1%)
Non-native Species:	15 (42.9%)

Species Wetness:

Mean Wetness:	0.4
Native Mean Wetness:	0.1

Physiognomy Metrics:

Tree:	1 (2.9%)
Shrub:	4 (11.4%)
Vine:	1 (2.9%)
Forb:	20 (57.1%)
Grass:	7 (20%)
Sedge:	2 (5.7%)
Rush:	0 (0%)
Fern:	0 (0%)
Bryophyte:	0 (0%)

Duration Metrics:

Annual:	0 (0%)
Perennial:	27 (77.1%)
Biennial:	8 (22.9%)
Native Annual:	0 (0%)
Native Perennial:	19 (54.3%)
Native Biennial:	1 (2.9%)

Ridgefield Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Andropogon gerardii</i>	Poaceae	native	5	grass	perennial	big bluestem
<i>Apocynum cannabinum</i>	Apocynaceae	native	6	forb	perennial	hairy dogbane
<i>Asclepias syriaca</i>	Asclepiadaceae	native	0	forb	perennial	common milkweed
<i>Bouteloua curtipendula</i>	Poaceae	native	8	grass	perennial	side-oats grama
<i>Cirsium arvense</i>	Asteraceae	non-native	0	forb	perennial	field thistle
<i>Cirsium vulgare</i>	Asteraceae	non-native	0	forb	biennial	bull thistle
<i>Conium maculatum</i>	Apiaceae	non-native	0	forb	biennial	poison hemlock
<i>Cyperus esculentus</i> var. <i>leptostachyus</i>	Cyperaceae	native	0	sedge	perennial	field nut sedge
<i>Daucus carota</i>	Apiaceae	non-native	0	forb	biennial	queen annes lace
<i>Dipsacus fullonum</i>	Dipsacaceae	non-native	0	forb	biennial	common teasel
<i>Dipsacus laciniatus</i>	Dipsacaceae	non-native	0	forb	biennial	cut-leaved teasel
<i>Erigeron strigosus</i>	Asteraceae	native	5	forb	biennial	daisy fleabane
<i>Lactuca serriola</i>	Asteraceae	non-native	0	forb	biennial	prickly lettuce
<i>Lonicera maackii</i>	Caprifoliaceae	non-native	0	shrub	perennial	amur honeysuckle
<i>Melilotus officinalis</i>	Fabaceae	non-native	0	forb	biennial	yellow sweet clover
<i>Monarda fistulosa</i>	Lamiaceae	native	4	forb	perennial	wild bergamot
<i>Phragmites australis</i>	Poaceae	non-native	0	grass	perennial	common reed
<i>Poa compressa</i>	Poaceae	non-native	0	grass	perennial	canada bluegrass
<i>Poa pratensis</i>	Poaceae	non-native	0	grass	perennial	kentucky bluegrass
<i>Pontederia cordata</i>	Pontederiaceae	native	9	forb	perennial	pickerelweed
<i>Pyrus calleryana</i>	Rosaceae	non-native	0	tree	perennial	bradford pear
<i>Ratibida pinnata</i>	Asteraceae	native	4	forb	perennial	yellow coneflower
<i>Rhamnus cathartica</i>	Rhamnaceae	non-native	0	shrub	perennial	common buckthorn
<i>Salix interior</i>	Salicaceae	native	2	shrub	perennial	sandbar willow
<i>Sambucus canadensis</i>	Adoxaceae	native	4	shrub	perennial	elderberry
<i>Schizachyrium scoparium</i>	Poaceae	native	5	grass	perennial	little bluestem
<i>Scirpus cyperinus</i>	Cyperaceae	native	6	sedge	perennial	woolgrass
<i>Silphium laciniatum</i>	Asteraceae	native	5	forb	perennial	compass plant
<i>Silphium perfoliatum</i>	Asteraceae	native	5	forb	perennial	cup plant
<i>Solidago altissima</i>	Asteraceae	native	1	forb	perennial	tall goldenrod
<i>Solidago canadensis</i>	Asteraceae	native	1	forb	perennial	canada goldenrod
<i>Sonchus uliginosus</i>	Asteraceae	non-native	0	forb	perennial	common sow thistle
<i>Spartina pectinata</i>	Poaceae	native	4	grass	perennial	prairie cordgrass
<i>Typha latifolia</i>	Typhaceae	native	5	forb	perennial	broad-leaved cattail
<i>Vitis riparia</i>	Vitaceae	native	1	vine	perennial	riverbank grape

A.19 Square Links Golf Course

FQA Database information:

Data collected: 06-10-2022

Region: **Flora of the Chicago Region**

Year Published: **2017**

Description:

Flora of the Chicago Region UFQA Database. 2018. Kenneth Johnson. [As per Flora of the Chicago Region: A Floristic and Ecological Synthesis. 2017. Gerould Wilhelm and Laura Rericha. Indiana Academy of Science. Indianapolis, IN.]

Conservation Based Metrics:

Total Mean C:	2.3
Native Mean C:	3.4
Total FQI:	16.3
Native FQI:	19.5
Adjusted FQI:	27.6
% C value 0:	42%
% C value 1-3:	22%
% C value 4-6:	30%
% C value 7-10:	6%
Native Tree Mean C:	0.7
Native Shrub Mean C:	n/a
Native Herbaceous Mean C:	3.7

Species Richness

Total Species:	50
Native Species:	33 (66%)
Non-native Species:	17 (34%)

Species Wetness:

Mean Wetness:	0
Native Mean Wetness:	-0.3

Physiognomy Metrics:

Tree:	4 (8%)
Shrub:	2 (4%)
Vine:	1 (2%)
Forb:	31 (62%)
Grass:	10 (20%)
Sedge:	2 (4%)
Rush:	0 (0%)
Fern:	0 (0%)
Bryophyte:	0 (0%)

Duration Metrics:

Annual:	5 (10%)
Perennial:	43 (86%)
Biennial:	2 (4%)
Native Annual:	2 (4%)
Native Perennial:	31 (62%)
Native Biennial:	0 (0%)

Square Links Golf Course Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Acer saccharinum</i>	Sapindaceae	native	1	tree	perennial	silver maple
<i>Ambrosia trifida</i>	Asteraceae	native	0	forb	annual	giant ragweed
<i>Asclepias incarnata</i>	Asclepiadaceae	native	3	forb	perennial	swamp milkweed
<i>Asclepias syriaca</i>	Asclepiadaceae	native	0	forb	perennial	common milkweed
<i>Asclepias tuberosa</i>	Asclepiadaceae	native	8	forb	perennial	butterfly weed
<i>Asclepias verticillata</i>	Asclepiadaceae	native	1	forb	perennial	whorled milkweed
<i>Carex brevior</i>	Cyperaceae	native	3	sedge	perennial	plains oval sedge
<i>Carex vulpinoidea</i>	Cyperaceae	native	2	sedge	perennial	brown fox sedge
<i>Cirsium arvense</i>	Asteraceae	non-native	0	forb	perennial	field thistle
<i>Cirsium vulgare</i>	Asteraceae	non-native	0	forb	biennial	bull thistle
<i>Elymus canadensis</i>	Poaceae	native	4	grass	perennial	canada wild rye
<i>Eupatorium perfoliatum</i>	Asteraceae	native	4	forb	perennial	common boneset
<i>Eutrochium maculatum</i>	Asteraceae	native	5	forb	perennial	spotted joe pye weed
<i>Fraxinus lanceolata</i>	Oleaceae	native	1	tree	perennial	green ash
<i>Geum laciniatum</i>	Rosaceae	native	3	forb	perennial	rough avens
<i>Hibiscus palustris</i>	Malvaceae	native	7	forb	perennial	northern rose mallow
<i>Hordeum jubatum</i>	Poaceae	native	0	grass	annual	squirrel-tail barley
<i>Iris virginica</i> var. <i>shrevei</i>	Iridaceae	native	5	forb	perennial	blue flag
<i>Juncus effusus</i>	Juncaceae	native	5	forb	perennial	soft rush
<i>Lonicera maackii</i>	Caprifoliaceae	non-native	0	shrub	perennial	amur honeysuckle
<i>Lythrum salicaria</i>	Lythraceae	non-native	0	forb	perennial	purple loosestrife
<i>Melilotus albus</i>	Fabaceae	non-native	0	forb	biennial	white sweet clover
<i>Monarda fistulosa</i>	Lamiaceae	native	4	forb	perennial	wild bergamot
<i>Morus alba</i>	Moraceae	non-native	0	tree	perennial	white mulberry
<i>Packera glabella</i>	Asteraceae	non-native	0	forb	annual	butterweed
<i>Penstemon digitalis</i>	Scrophulariaceae	native	4	forb	perennial	foxglove beard tongue
<i>Penthorum sedoides</i>	Penthoraceae	native	4	forb	perennial	ditch stonecrop
<i>Phalaris arundinacea</i>	Poaceae	non-native	0	grass	perennial	reed canary grass
<i>Phragmites australis</i>	Poaceae	non-native	0	grass	perennial	common reed
<i>Physostegia virginiana</i>	Lamiaceae	native	4	forb	perennial	obedient plant
<i>Poa compressa</i>	Poaceae	non-native	0	grass	perennial	canada bluegrass
<i>Poa pratensis</i>	Poaceae	non-native	0	grass	perennial	kentucky bluegrass
<i>Prunus serotina</i>	Rosaceae	native	0	tree	perennial	wild black cherry
<i>Pycnanthemum virginianum</i>	Lamiaceae	native	5	forb	perennial	common mountain mint
<i>Rhamnus cathartica</i>	Rhamnaceae	non-native	0	shrub	perennial	common buckthorn
<i>Rudbeckia hirta</i>	Asteraceae	native	1	forb	perennial	black-eyed susan
<i>Rudbeckia laciniata</i>	Asteraceae	native	4	forb	perennial	wild golden glow
<i>Rumex crispus</i>	Polygonaceae	non-native	0	forb	perennial	curly dock
<i>Sagittaria latifolia</i>	Alismataceae	native	3	forb	perennial	common arrowhead
<i>Schedonorus pratensis</i>	Poaceae	non-native	0	grass	perennial	meadow fescue
<i>Schizachyrium scoparium</i>	Poaceae	native	5	grass	perennial	little bluestem

Square Links Golf Course Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Setaria viridis</i>	Poaceae	non-native	0	grass	annual	green foxtail
<i>Silphium terebinthinaceum</i>	Asteraceae	native	5	forb	perennial	prairie dock
<i>Solanum dulcamara</i>	Solanaceae	non-native	0	vine	perennial	deadly nightshade
<i>Solidago altissima</i>	Asteraceae	native	1	forb	perennial	tall goldenrod
<i>Solidago canadensis</i>	Asteraceae	native	1	forb	perennial	canada goldenrod
<i>Sparganium eurycarpum</i>	Sparganiaceae	native	5	forb	perennial	common bur reed
<i>Sporobolus heterolepis</i>	Poaceae	native	10	grass	perennial	prairie dropseed
<i>Thlaspi arvense</i>	Brassicaceae	non-native	0	forb	annual	large-fruited penny cress
<i>Typha latifolia</i>	Typhaceae	native	5	forb	perennial	broad-leaved cattail

A.20 Union Creek Park

FQA Database information:

Data collected: 06-15-2022

Region: **Flora of the Chicago Region**

Year Published: **2017**

Description:

Flora of the Chicago Region UFQA Database. 2018. Kenneth Johnson. [As per Flora of the Chicago Region: A Floristic and Ecological Synthesis. 2017. Gerould Wilhelm and Laura Rericha. Indiana Academy of Science. Indianapolis, IN.]

Conservation Based Metrics:

Total Mean C:	2.8
Native Mean C:	3.7
Total FQI:	24.1
Native FQI:	27.7
Adjusted FQI:	32.2
% C value 0:	33.8%
% C value 1-3:	24.3%
% C value 4-6:	31.1%
% C value 7-10:	10.8%
Native Tree Mean C:	0.5
Native Shrub Mean C:	1.8
Native Herbaceous Mean C:	4

Species Richness

Total Species:	74
Native Species:	56 (75.7%)
Non-native Species:	18 (24.3%)

Species Wetness:

Mean Wetness:	0.3
Native Mean Wetness:	0.1

Physiognomy Metrics:

Tree:	2 (2.7%)
Shrub:	5 (6.8%)
Vine:	1 (1.4%)
Forb:	52 (70.3%)
Grass:	9 (12.2%)
Sedge:	5 (6.8%)
Rush:	0 (0%)
Fern:	0 (0%)
Bryophyte:	0 (0%)

Duration Metrics:

Annual:	4 (5.4%)
Perennial:	63 (85.1%)
Biennial:	7 (9.5%)
Native Annual:	3 (4.1%)
Native Perennial:	52 (70.3%)
Native Biennial:	1 (1.4%)

Union Creek Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Acer saccharinum</i>	Sapindaceae	native	1	tree	perennial	silver maple
<i>Achillea millefolium</i>	Asteraceae	native	0	forb	perennial	common yarrow
<i>Ambrosia artemisiifolia</i>	Asteraceae	native	0	forb	annual	common ragweed
<i>Ambrosia trifida</i>	Asteraceae	native	0	forb	annual	giant ragweed
<i>Andropogon gerardii</i>	Poaceae	native	5	grass	perennial	big bluestem
<i>Apocynum cannabinum</i>	Apocynaceae	native	6	forb	perennial	hairy dogbane
<i>Asclepias incarnata</i>	Asclepiadaceae	native	3	forb	perennial	swamp milkweed
<i>Asclepias syriaca</i>	Asclepiadaceae	native	0	forb	perennial	common milkweed
<i>Asclepias tuberosa</i>	Asclepiadaceae	native	8	forb	perennial	butterfly weed
<i>Baptisia lactea</i>	Fabaceae	native	8	forb	perennial	white wild indigo
<i>Bouteloua curtipendula</i>	Poaceae	native	8	grass	perennial	side-oats grama
<i>Carex brevior</i>	Cyperaceae	native	3	sedge	perennial	plains oval sedge
<i>Carex vulpinoidea</i>	Cyperaceae	native	2	sedge	perennial	brown fox sedge
<i>Cirsium arvense</i>	Asteraceae	non-native	0	forb	perennial	field thistle
<i>Cirsium vulgare</i>	Asteraceae	non-native	0	forb	biennial	bull thistle
<i>Convolvulus arvensis</i>	Convolvulaceae	non-native	0	forb	perennial	field bindweed
<i>Daucus carota</i>	Apiaceae	non-native	0	forb	biennial	queen annes lace
<i>Desmanthus illinoensis</i>	Mimosaceae	native	3	forb	perennial	illinois bundleflower
<i>Dipsacus fullonum</i>	Dipsacaceae	non-native	0	forb	biennial	common teasel
<i>Eleocharis palustris</i>	Cyperaceae	native	7	sedge	perennial	marsh spikerush
<i>Erigeron strigosus</i>	Asteraceae	native	5	forb	biennial	daisy fleabane
<i>Eryngium yuccifolium</i>	Apiaceae	native	9	forb	perennial	rattlesnake master
<i>Geum laciniatum</i>	Rosaceae	native	3	forb	perennial	rough avens
<i>Helianthus grosseserratus</i>	Asteraceae	native	4	forb	perennial	sawtooth sunflower
<i>Iris virginica</i> var. <i>shrevei</i>	Iridaceae	native	5	forb	perennial	blue flag
<i>Juncus effusus</i>	Juncaceae	native	5	forb	perennial	soft rush
<i>Lactuca serriola</i>	Asteraceae	non-native	0	forb	biennial	prickly lettuce
<i>Lespedeza capitata</i>	Fabaceae	native	4	forb	perennial	round-headed bush clover
<i>Lonicera maackii</i>	Caprifoliaceae	non-native	0	shrub	perennial	amur honeysuckle
<i>Lythrum salicaria</i>	Lythraceae	non-native	0	forb	perennial	purple loosestrife
<i>Melilotus officinalis</i>	Fabaceae	non-native	0	forb	biennial	yellow sweet clover
<i>Monarda fistulosa</i>	Lamiaceae	native	4	forb	perennial	wild bergamot
<i>Oligoneuron rigidum</i>	Asteraceae	native	3	forb	perennial	stiff goldenrod
<i>Packera glabella</i>	Asteraceae	non-native	0	forb	annual	butterweed
<i>Panicum virgatum</i>	Poaceae	native	3	grass	perennial	switch grass
<i>Penstemon digitalis</i>	Scrophulariaceae	native	4	forb	perennial	foxglove beard tongue
<i>Persicaria pensylvanica</i>	Polygonaceae	native	0	forb	annual	pinkweed
<i>Phalaris arundinacea</i>	Poaceae	non-native	0	grass	perennial	reed canary grass
<i>Phragmites australis</i>	Poaceae	non-native	0	grass	perennial	common reed
<i>Physostegia virginiana</i>	Lamiaceae	native	4	forb	perennial	obedient plant
<i>Plantago lanceolata</i>	Plantaginaceae	non-native	0	forb	perennial	english plantain

Union Creek Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Poa compressa</i>	Poaceae	non-native	0	grass	perennial	canada bluegrass
<i>Poa pratensis</i>	Poaceae	non-native	0	grass	perennial	kentucky bluegrass
<i>Pontederia cordata</i>	Pontederiaceae	native	9	forb	perennial	pickerelweed
<i>Populus deltoides</i>	Salicaceae	native	0	tree	perennial	eastern cottonwood
<i>Pycnanthemum virginianum</i>	Lamiaceae	native	5	forb	perennial	common mountain mint
<i>Ratibida pinnata</i>	Asteraceae	native	4	forb	perennial	yellow coneflower
<i>Rhus typhina</i>	Anacardiaceae	native	1	shrub	perennial	staghorn sumac
<i>Rubus occidentalis</i>	Rosaceae	native	0	shrub	perennial	black raspberry
<i>Rudbeckia hirta</i>	Asteraceae	native	1	forb	perennial	black-eyed susan
<i>Rumex crispus</i>	Polygonaceae	non-native	0	forb	perennial	curly dock
<i>Sagittaria latifolia</i>	Alismataceae	native	3	forb	perennial	common arrowhead
<i>Salix interior</i>	Salicaceae	native	2	shrub	perennial	sandbar willow
<i>Sambucus canadensis</i>	Adoxaceae	native	4	shrub	perennial	elderberry
<i>Schizachyrium scoparium</i>	Poaceae	native	5	grass	perennial	little bluestem
<i>Schoenoplectus tabernaemontani</i>	Cyperaceae	native	3	sedge	perennial	great bulrush
<i>Scirpus pendulus</i>	Cyperaceae	native	2	sedge	perennial	red bulrush
<i>Securigera varia</i>	Fabaceae	non-native	0	forb	perennial	crown vetch
<i>Silphium integrifolium</i>	Asteraceae	native	5	forb	perennial	rosinweed
<i>Silphium laciniatum</i>	Asteraceae	native	5	forb	perennial	compass plant
<i>Silphium perfoliatum</i>	Asteraceae	native	5	forb	perennial	cup plant
<i>Silphium terebinthinaceum</i>	Asteraceae	native	5	forb	perennial	prairie dock
<i>Solidago altissima</i>	Asteraceae	native	1	forb	perennial	tall goldenrod
<i>Solidago canadensis</i>	Asteraceae	native	1	forb	perennial	canada goldenrod
<i>Spartina pectinata</i>	Poaceae	native	4	grass	perennial	prairie cordgrass
<i>Thalictrum dioicum</i>	Ranunculaceae	native	7	forb	perennial	early meadow rue
<i>Tradescantia ohimensis</i>	Commelinaceae	native	3	forb	perennial	common spiderwort
<i>Typha latifolia</i>	Typhaceae	native	5	forb	perennial	broad-leaved cattail
<i>Verbascum thapsus</i>	Scrophulariaceae	non-native	0	forb	biennial	common mullein
<i>Verbena hastata</i>	Verbenaceae	native	4	forb	perennial	blue vervain
<i>Verbena stricta</i>	Verbenaceae	native	4	forb	perennial	hoary vervain
<i>Vernonia fasciculata</i>	Asteraceae	native	8	forb	perennial	common ironweed
<i>Vitis riparia</i>	Vitaceae	native	1	vine	perennial	riverbank grape
<i>Zizia aurea</i>	Apiaceae	native	5	forb	perennial	golden alexanders

A.21 Union Creek Park: Creek Corridor

FQA Database information:

Data collected: 07-20-2022

Region: **Flora of the Chicago Region**

Year Published: **2017**

Description:

Flora of the Chicago Region UFQA Database. 2018. Kenneth Johnson. [As per Flora of the Chicago Region: A Floristic and Ecological Synthesis. 2017. Gerould Wilhelm and Laura Rericha. Indiana Academy of Science. Indianapolis, IN.]

Conservation Based Metrics:

Total Mean C:	1
Native Mean C:	2
Total FQI:	7.1
Native FQI:	10.4
Adjusted FQI:	14.6
% C value 0:	62.7%
% C value 1-3:	21.6%
% C value 4-6:	15.7%
% C value 7-10:	0%
Native Tree Mean C:	2.3
Native Shrub Mean C:	1.6
Native Herbaceous Mean C:	1.9

Species Richness

Total Species:	51
Native Species:	27 (52.9%)
Non-native Species:	24 (47.1%)

Species Wetness:

Mean Wetness:	0.6
Native Mean Wetness:	0.4

Physiognomy Metrics:

Tree:	12 (23.5%)
Shrub:	8 (15.7%)
Vine:	4 (7.8%)
Forb:	22 (43.1%)
Grass:	5 (9.8%)
Sedge:	0 (0%)
Rush:	0 (0%)
Fern:	0 (0%)
Bryophyte:	0 (0%)

Duration Metrics:

Annual:	4 (7.8%)
Perennial:	40 (78.4%)
Biennial:	7 (13.7%)
Native Annual:	2 (3.9%)
Native Perennial:	23 (45.1%)
Native Biennial:	2 (3.9%)

Union Creek Park: Creek Corridor Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Acer negundo</i>	Sapindaceae	native	0	tree	perennial	boxelder
<i>Acer saccharinum</i>	Sapindaceae	native	1	tree	perennial	silver maple
<i>Acer saccharum</i>	Sapindaceae	native	5	tree	perennial	sugar maple
<i>Ailanthus altissima</i>	Simaroubaceae	non-native	0	tree	perennial	tree of heaven
<i>Alnus glutinosa</i>	Betulaceae	non-native	0	tree	perennial	black alder
<i>Ambrosia artemisiifolia</i>	Asteraceae	native	0	forb	annual	common ragweed
<i>Ambrosia trifida</i>	Asteraceae	native	0	forb	annual	giant ragweed
<i>Arctium minus</i>	Asteraceae	non-native	0	forb	biennial	common burdock
<i>Asclepias syriaca</i>	Asclepiadaceae	native	0	forb	perennial	common milkweed
<i>Betula nigra</i>	Betulaceae	native	5	tree	perennial	river birch
<i>Boehmeria cylindrica</i>	Urticaceae	native	5	forb	perennial	swamp false nettle
<i>Bromus inermis</i>	Poaceae	non-native	0	grass	perennial	hungarian brome
<i>Bromus tectorum</i>	Poaceae	non-native	0	grass	annual	downy chess
<i>Chenopodium album</i>	Chenopodiaceae	non-native	0	forb	annual	lambs quarters
<i>Cirsium arvense</i>	Asteraceae	non-native	0	forb	perennial	field thistle
<i>Cirsium vulgare</i>	Asteraceae	non-native	0	forb	biennial	bull thistle
<i>Cornus racemosa</i>	Cornaceae	native	1	shrub	perennial	gray dogwood
<i>Daucus carota</i>	Apiaceae	non-native	0	forb	biennial	queen annes lace
<i>Dipsacus fullonum</i>	Dipsacaceae	non-native	0	forb	biennial	common teasel
<i>Erigeron strigosus</i>	Asteraceae	native	5	forb	biennial	daisy fleabane
<i>Geum laciniatum</i>	Rosaceae	native	3	forb	perennial	rough avens
<i>Glechoma hederacea</i>	Lamiaceae	non-native	0	forb	perennial	creeping charlie
<i>Lactuca serriola</i>	Asteraceae	non-native	0	forb	biennial	prickly lettuce
<i>Lonicera maackii</i>	Caprifoliaceae	non-native	0	shrub	perennial	amur honeysuckle
<i>Malus ioensis</i>	Rosaceae	native	4	tree	perennial	iowa crab apple
<i>Monarda fistulosa</i>	Lamiaceae	native	4	forb	perennial	wild bergamot
<i>Morus alba</i>	Moraceae	non-native	0	tree	perennial	white mulberry
<i>Oenothera biennis</i>	Onagraceae	native	0	forb	biennial	common evening primrose
<i>Parthenocissus quinquefolia</i>	Vitaceae	native	4	vine	perennial	virginia creeper
<i>Phalaris arundinacea</i>	Poaceae	non-native	0	grass	perennial	reed canary grass
<i>Poa compressa</i>	Poaceae	non-native	0	grass	perennial	canada bluegrass
<i>Poa pratensis</i>	Poaceae	non-native	0	grass	perennial	kentucky bluegrass
<i>Populus deltoides</i>	Salicaceae	native	0	tree	perennial	eastern cottonwood
<i>Populus tremuloides</i>	Salicaceae	native	3	tree	perennial	quaking aspen
<i>Prunella vulgaris</i>	Lamiaceae	non-native	0	forb	perennial	lawn self heal
<i>Prunus serotina</i>	Rosaceae	native	0	tree	perennial	wild black cherry
<i>Pyrus calleryana</i>	Rosaceae	non-native	0	tree	perennial	bradford pear
<i>Rhamnus cathartica</i>	Rhamnaceae	non-native	0	shrub	perennial	common buckthorn
<i>Rhus typhina</i>	Anacardiaceae	native	1	shrub	perennial	staghorn sumac
<i>Rosa multiflora</i>	Rosaceae	non-native	0	shrub	perennial	multiflora rose
<i>Rubus occidentalis</i>	Rosaceae	native	0	shrub	perennial	black raspberry

Union Creek Park: Creek Corridor Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
Rudbeckia hirta	Asteraceae	native	1	forb	perennial	black-eyed susan
Rumex crispus	Polygonaceae	non-native	0	forb	perennial	curly dock
Salix interior	Salicaceae	native	2	shrub	perennial	sandbar willow
Sambucus canadensis	Adoxaceae	native	4	shrub	perennial	elderberry
Solanum dulcamara	Solanaceae	non-native	0	vine	perennial	deadly nightshade
Solidago altissima	Asteraceae	native	1	forb	perennial	tall goldenrod
Solidago canadensis	Asteraceae	native	1	forb	perennial	canada goldenrod
Sonchus uliginosus	Asteraceae	non-native	0	forb	perennial	common sow thistle
Toxicodendron radicans	Anacardiaceae	native	2	vine	perennial	poison ivy
Vitis riparia	Vitaceae	native	1	vine	perennial	riverbank grape

A.22 Union Creek Park: Sled-hill

FQA Database information:

Data collected: 06-15-2022

Region: **Flora of the Chicago Region**

Year Published: **2017**

Description:

Flora of the Chicago Region UFQA Database. 2018. Kenneth Johnson. [As per Flora of the Chicago Region: A Floristic and Ecological Synthesis. 2017. Gerould Wilhelm and Laura Rericha. Indiana Academy of Science. Indianapolis, IN.]

Conservation Based Metrics:

Total Mean C:	2.3
Native Mean C:	3.5
Total FQI:	13.2
Native FQI:	16.4
Adjusted FQI:	28.6
% C value 0:	48.5%
% C value 1-3:	18.2%
% C value 4-6:	24.2%
% C value 7-10:	9.1%
Native Tree Mean C:	2.5
Native Shrub Mean C:	2
Native Herbaceous Mean C:	3.7

Species Richness

Total Species:	33
Native Species:	22 (66.7%)
Non-native Species:	11 (33.3%)

Species Wetness:

Mean Wetness:	0.4
Native Mean Wetness:	0.1

Physiognomy Metrics:

Tree:	2 (6.1%)
Shrub:	3 (9.1%)
Vine:	2 (6.1%)
Forb:	22 (66.7%)
Grass:	3 (9.1%)
Sedge:	1 (3%)
Rush:	0 (0%)
Fern:	0 (0%)
Bryophyte:	0 (0%)

Duration Metrics:

Annual:	2 (6.1%)
Perennial:	24 (72.7%)
Biennial:	7 (21.2%)
Native Annual:	2 (6.1%)
Native Perennial:	19 (57.6%)
Native Biennial:	1 (3%)

Union Creek Park: Sled-hill Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Acer saccharum</i>	Sapindaceae	native	5	tree	perennial	sugar maple
<i>Andropogon gerardii</i>	Poaceae	native	5	grass	perennial	big bluestem
<i>Arctium minus</i>	Asteraceae	non-native	0	forb	biennial	common burdock
<i>Asclepias syriaca</i>	Asclepiadaceae	native	0	forb	perennial	common milkweed
<i>Bromus inermis</i>	Poaceae	non-native	0	grass	perennial	hungarian brome
<i>Carex vulpinoidea</i>	Cyperaceae	native	2	sedge	perennial	brown fox sedge
<i>Cirsium arvense</i>	Asteraceae	non-native	0	forb	perennial	field thistle
<i>Cirsium vulgare</i>	Asteraceae	non-native	0	forb	biennial	bull thistle
<i>Conium maculatum</i>	Apiaceae	non-native	0	forb	biennial	poison hemlock
<i>Coreopsis tripteris</i>	Asteraceae	native	5	forb	perennial	tall coreopsis
<i>Dipsacus fullonum</i>	Dipsacaceae	non-native	0	forb	biennial	common teasel
<i>Dipsacus laciniatus</i>	Dipsacaceae	non-native	0	forb	biennial	cut-leaved teasel
<i>Erigeron canadensis</i>	Asteraceae	native	0	forb	annual	mares tail
<i>Eupatorium perfoliatum</i>	Asteraceae	native	4	forb	perennial	common boneset
<i>Galium aparine</i>	Rubiaceae	native	0	forb	annual	wild velcro
<i>Geum laciniatum</i>	Rosaceae	native	3	forb	perennial	rough avens
<i>Lactuca serriola</i>	Asteraceae	non-native	0	forb	biennial	prickly lettuce
<i>Lonicera maackii</i>	Caprifoliaceae	non-native	0	shrub	perennial	amur honeysuckle
<i>Oenothera biennis</i>	Onagraceae	native	0	forb	biennial	common evening primrose
<i>Penstemon digitalis</i>	Scrophulariaceae	native	4	forb	perennial	foxglove beard tongue
<i>Prunus serotina</i>	Rosaceae	native	0	tree	perennial	wild black cherry
<i>Pycnanthemum virginianum</i>	Lamiaceae	native	5	forb	perennial	common mountain mint
<i>Rubus occidentalis</i>	Rosaceae	native	0	shrub	perennial	black raspberry
<i>Rudbeckia triloba</i>	Asteraceae	native	1	forb	annual	brown-eyed susan
<i>Sambucus canadensis</i>	Adoxaceae	native	4	shrub	perennial	elderberry
<i>Silphium integrifolium</i>	Asteraceae	native	5	forb	perennial	rosinweed
<i>Solanum dulcamara</i>	Solanaceae	non-native	0	vine	perennial	deadly nightshade
<i>Solidago canadensis</i>	Asteraceae	native	1	forb	perennial	canada goldenrod
<i>Sporobolus heterolepis</i>	Poaceae	native	10	grass	perennial	prairie dropseed
<i>Tradescantia ohiensis</i>	Commelinaceae	native	3	forb	perennial	common spiderwort
<i>Trifolium pratense</i>	Fabaceae	non-native	0	forb	perennial	red clover
<i>Veronicastrum virginicum</i>	Scrophulariaceae	native	8	forb	perennial	culvers root
<i>Vitis riparia</i>	Vitaceae	native	1	vine	perennial	riverbank grape

A.23 White Oak Park

FQA Database information:

Data collected: 06-10-2022

Region: **Flora of the Chicago Region**

Year Published: **2017**

Description:

Flora of the Chicago Region UFQA Database. 2018. Kenneth Johnson. [As per Flora of the Chicago Region: A Floristic and Ecological Synthesis. 2017. Gerould Wilhelm and Laura Rericha. Indiana Academy of Science. Indianapolis, IN.]

Conservation Based Metrics:

Total Mean C:	2.5
Native Mean C:	3.7
Total FQI:	21.2
Native FQI:	25.9
Adjusted FQI:	30.5
% C value 0:	41.7%
% C value 1-3:	22.2%
% C value 4-6:	26.4%
% C value 7-10:	9.7%
Native Tree Mean C:	2.8
Native Shrub Mean C:	1.8
Native Herbaceous Mean C:	4

Species Richness

Total Species:	72
Native Species:	49 (68.1%)
Non-native Species:	23 (31.9%)

Species Wetness:

Mean Wetness:	0.3
Native Mean Wetness:	-0.1

Physiognomy Metrics:

Tree:	8 (11.1%)
Shrub:	6 (8.3%)
Vine:	2 (2.8%)
Forb:	44 (61.1%)
Grass:	5 (6.9%)
Sedge:	7 (9.7%)
Rush:	0 (0%)
Fern:	0 (0%)
Bryophyte:	0 (0%)

Duration Metrics:

Annual:	6 (8.3%)
Perennial:	61 (84.7%)
Biennial:	5 (6.9%)
Native Annual:	4 (5.6%)
Native Perennial:	44 (61.1%)
Native Biennial:	1 (1.4%)

White Oak Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Acer saccharinum</i>	Sapindaceae	native	1	tree	perennial	silver maple
<i>Ailanthus altissima</i>	Simaroubaceae	non-native	0	tree	perennial	tree of heaven
<i>Alnus glutinosa</i>	Betulaceae	non-native	0	tree	perennial	black alder
<i>Ambrosia artemisiifolia</i>	Asteraceae	native	0	forb	annual	common ragweed
<i>Ambrosia trifida</i>	Asteraceae	native	0	forb	annual	giant ragweed
<i>Apocynum cannabinum</i>	Apocynaceae	native	6	forb	perennial	hairy dogbane
<i>Aquilegia canadensis</i>	Ranunculaceae	native	6	forb	perennial	wild columbine
<i>Asclepias incarnata</i>	Asclepiadaceae	native	3	forb	perennial	swamp milkweed
<i>Asclepias syriaca</i>	Asclepiadaceae	native	0	forb	perennial	common milkweed
<i>Asclepias tuberosa</i>	Asclepiadaceae	native	8	forb	perennial	butterfly weed
<i>Baptisia lactea</i>	Fabaceae	native	8	forb	perennial	white wild indigo
<i>Betula nigra</i>	Betulaceae	native	5	tree	perennial	river birch
<i>Bolboschoenus fluviatilis</i>	Cyperaceae	native	3	sedge	perennial	river bulrush
<i>Bromus inermis</i>	Poaceae	non-native	0	grass	perennial	hungarian brome
<i>Bromus tectorum</i>	Poaceae	non-native	0	grass	annual	downy chess
<i>Carex lurida</i>	Cyperaceae	native	5	sedge	perennial	bottlebrush sedge
<i>Carex vulpinoidea</i>	Cyperaceae	native	2	sedge	perennial	brown fox sedge
<i>Catalpa speciosa</i>	Bignoniaceae	non-native	0	tree	perennial	northern cigar tree
<i>Celastrus orbiculatus</i>	Celastraceae	non-native	0	vine	perennial	oriental bittersweet
<i>Cirsium arvense</i>	Asteraceae	non-native	0	forb	perennial	field thistle
<i>Cirsium vulgare</i>	Asteraceae	non-native	0	forb	biennial	bull thistle
<i>Coreopsis tripteris</i>	Asteraceae	native	5	forb	perennial	tall coreopsis
<i>Cornus racemosa</i>	Cornaceae	native	1	shrub	perennial	gray dogwood
<i>Daucus carota</i>	Apiaceae	non-native	0	forb	biennial	queen annes lace
<i>Dipsacus fullonum</i>	Dipsacaceae	non-native	0	forb	biennial	common teasel
<i>Dipsacus laciniatus</i>	Dipsacaceae	non-native	0	forb	biennial	cut-leaved teasel
<i>Echinacea purpurea</i>	Asteraceae	native	10	forb	perennial	purple coneflower
<i>Eleocharis obtusa</i>	Cyperaceae	native	3	sedge	annual	blunt spikerush
<i>Eleocharis palustris</i>	Cyperaceae	native	7	sedge	perennial	marsh spikerush
<i>Eryngium yuccifolium</i>	Apiaceae	native	9	forb	perennial	rattlesnake master
<i>Eupatorium perfoliatum</i>	Asteraceae	native	4	forb	perennial	common boneset
<i>Fraxinus lanceolata</i>	Oleaceae	native	1	tree	perennial	green ash
<i>Galium aparine</i>	Rubiaceae	native	0	forb	annual	wild velcro
<i>Geum laciniatum</i>	Rosaceae	native	3	forb	perennial	rough avens
<i>Hemerocallis fulva</i>	Hemerocallidaceae	non-native	0	forb	perennial	orange daylily
<i>Hibiscus palustris</i>	Malvaceae	native	7	forb	perennial	northern rose mallow
<i>Juncus effusus</i>	Juncaceae	native	5	forb	perennial	soft rush
<i>Juncus tenuis</i>	Juncaceae	native	0	forb	perennial	path rush
<i>Leucanthemum vulgare</i> var. <i>pinnatifidum</i>	Asteraceae	non-native	0	forb	perennial	ox-eye daisy
<i>Lonicera maackii</i>	Caprifoliaceae	non-native	0	shrub	perennial	amur honeysuckle
<i>Lupinus perennis</i> var.	Fabaceae	native	7	forb	perennial	wild lupine

White Oak Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>occidentalis</i>						
<i>Malus ioensis</i>	Rosaceae	native	4	tree	perennial	iowa crab apple
<i>Monarda fistulosa</i>	Lamiaceae	native	4	forb	perennial	wild bergamot
<i>Oenothera biennis</i>	Onagraceae	native	0	forb	biennial	common evening primrose
<i>Oligoneuron rigidum</i>	Asteraceae	native	3	forb	perennial	stiff goldenrod
<i>Penstemon digitalis</i>	Scrophulariaceae	native	4	forb	perennial	foxglove beard tongue
<i>Phragmites australis</i>	Poaceae	non-native	0	grass	perennial	common reed
<i>Physostegia virginiana</i>	Lamiaceae	native	4	forb	perennial	obedient plant
<i>Poa compressa</i>	Poaceae	non-native	0	grass	perennial	canada bluegrass
<i>Poa pratensis</i>	Poaceae	non-native	0	grass	perennial	kentucky bluegrass
<i>Pycnanthemum virginianum</i>	Lamiaceae	native	5	forb	perennial	common mountain mint
<i>Ratibida pinnata</i>	Asteraceae	native	4	forb	perennial	yellow coneflower
<i>Rhamnus cathartica</i>	Rhamnaceae	non-native	0	shrub	perennial	common buckthorn
<i>Rubus occidentalis</i>	Rosaceae	native	0	shrub	perennial	black raspberry
<i>Rumex crispus</i>	Polygonaceae	non-native	0	forb	perennial	curly dock
<i>Sagittaria latifolia</i>	Alismataceae	native	3	forb	perennial	common arrowhead
<i>Salix interior</i>	Salicaceae	native	2	shrub	perennial	sandbar willow
<i>Sambucus canadensis</i>	Adoxaceae	native	4	shrub	perennial	elderberry
<i>Schoenoplectus tabernaemontani</i>	Cyperaceae	native	3	sedge	perennial	great bulrush
<i>Scirpus atrovirens</i>	Cyperaceae	native	4	sedge	perennial	dark green rush
<i>Silphium integrifolium</i>	Asteraceae	native	5	forb	perennial	rosinweed
<i>Silphium laciniatum</i>	Asteraceae	native	5	forb	perennial	compass plant
<i>Silphium terebinthinaceum</i>	Asteraceae	native	5	forb	perennial	prairie dock
<i>Solanum carolinense</i>	Solanaceae	non-native	0	forb	perennial	horse nettle
<i>Solidago altissima</i>	Asteraceae	native	1	forb	perennial	tall goldenrod
<i>Solidago canadensis</i>	Asteraceae	native	1	forb	perennial	canada goldenrod
<i>Sparganium eurycarpum</i>	Sparganiaceae	native	5	forb	perennial	common bur reed
<i>Taraxacum officinale</i>	Asteraceae	non-native	0	forb	perennial	common dandelion
<i>Thlaspi arvense</i>	Brassicaceae	non-native	0	forb	annual	large-fruited penny cress
<i>Toxicodendron radicans</i>	Anacardiaceae	native	2	vine	perennial	poison ivy
<i>Tradescantia ohiensis</i>	Commelinaceae	native	3	forb	perennial	common spiderwort
<i>Ulmus pumila</i>	Ulmaceae	non-native	0	tree	perennial	siberian elm

A.24 Woodlawn Park

FQA Database information:

Data collected: 06-10-2022

Region: **Flora of the Chicago Region**

Year Published: **2017**

Description:

Flora of the Chicago Region UFQA Database. 2018. Kenneth Johnson. [As per Flora of the Chicago Region: A Floristic and Ecological Synthesis. 2017. Gerould Wilhelm and Laura Rericha. Indiana Academy of Science. Indianapolis, IN.]

Conservation Based Metrics:

Total Mean C:	1.2
Native Mean C:	2.2
Total FQI:	8.5
Native FQI:	11.6
Adjusted FQI:	16.5
% C value 0:	58%
% C value 1-3:	28%
% C value 4-6:	12%
% C value 7-10:	2%
Native Tree Mean C:	1
Native Shrub Mean C:	2
Native Herbaceous Mean C:	2.4

Species Richness

Total Species:	50
Native Species:	28 (56%)
Non-native Species:	22 (44%)

Species Wetness:

Mean Wetness:	0
Native Mean Wetness:	-0.4

Physiognomy Metrics:

Tree:	5 (10%)
Shrub:	3 (6%)
Vine:	3 (6%)
Forb:	27 (54%)
Grass:	7 (14%)
Sedge:	5 (10%)
Rush:	0 (0%)
Fern:	0 (0%)
Bryophyte:	0 (0%)

Duration Metrics:

Annual:	8 (16%)
Perennial:	36 (72%)
Biennial:	6 (12%)
Native Annual:	6 (12%)
Native Perennial:	21 (42%)
Native Biennial:	1 (2%)

Woodlawn Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
<i>Acer saccharinum</i>	Sapindaceae	native	1	tree	perennial	silver maple
<i>Alnus glutinosa</i>	Betulaceae	non-native	0	tree	perennial	black alder
<i>Ambrosia artemisiifolia</i>	Asteraceae	native	0	forb	annual	common ragweed
<i>Ambrosia trifida</i>	Asteraceae	native	0	forb	annual	giant ragweed
<i>Apocynum cannabinum</i>	Apocynaceae	native	6	forb	perennial	hairy dogbane
<i>Asclepias incarnata</i>	Asclepiadaceae	native	3	forb	perennial	swamp milkweed
<i>Asclepias syriaca</i>	Asclepiadaceae	native	0	forb	perennial	common milkweed
<i>Carex brevior</i>	Cyperaceae	native	3	sedge	perennial	plains oval sedge
<i>Carex vulpinoidea</i>	Cyperaceae	native	2	sedge	perennial	brown fox sedge
<i>Cirsium arvense</i>	Asteraceae	non-native	0	forb	perennial	field thistle
<i>Cirsium vulgare</i>	Asteraceae	non-native	0	forb	biennial	bull thistle
<i>Daucus carota</i>	Apiaceae	non-native	0	forb	biennial	queen annes lace
<i>Dipsacus fullonum</i>	Dipsacaceae	non-native	0	forb	biennial	common teasel
<i>Dipsacus laciniatus</i>	Dipsacaceae	non-native	0	forb	biennial	cut-leaved teasel
<i>Eleocharis obtusa</i>	Cyperaceae	native	3	sedge	annual	blunt spikerush
<i>Eleocharis palustris</i>	Cyperaceae	native	7	sedge	perennial	marsh spikerush
<i>Erigeron strigosus</i>	Asteraceae	native	5	forb	biennial	daisy fleabane
<i>Fraxinus lanceolata</i>	Oleaceae	native	1	tree	perennial	green ash
<i>Galium aparine</i>	Rubiaceae	native	0	forb	annual	wild velcro
<i>Geum laciniatum</i>	Rosaceae	native	3	forb	perennial	rough avens
<i>Gleditsia triacanthos</i>	Caesalpiniaceae	native	1	tree	perennial	honey locust
<i>Hordeum jubatum</i>	Poaceae	native	0	grass	annual	squirrel-tail barley
<i>Juncus effusus</i>	Juncaceae	native	5	forb	perennial	soft rush
<i>Juncus tenuis</i>	Juncaceae	native	0	forb	perennial	path rush
<i>Lonicera maackii</i>	Caprifoliaceae	non-native	0	shrub	perennial	amur honeysuckle
<i>Lycopus americanus</i>	Lamiaceae	native	4	forb	perennial	common water horehound
<i>Lycopus europaeus</i>	Lamiaceae	non-native	0	forb	perennial	european water horehound
<i>Melilotus officinalis</i>	Fabaceae	non-native	0	forb	biennial	yellow sweet clover
<i>Morus alba</i>	Moraceae	non-native	0	tree	perennial	white mulberry
<i>Persicaria pensylvanica</i>	Polygonaceae	native	0	forb	annual	pinkweed
<i>Phalaris arundinacea</i>	Poaceae	non-native	0	grass	perennial	reed canary grass
<i>Phragmites australis</i>	Poaceae	non-native	0	grass	perennial	common reed
<i>Plantago lanceolata</i>	Plantaginaceae	non-native	0	forb	perennial	english plantain
<i>Plantago major</i>	Plantaginaceae	non-native	0	forb	perennial	common plantain
<i>Poa compressa</i>	Poaceae	non-native	0	grass	perennial	canada bluegrass
<i>Poa pratensis</i>	Poaceae	non-native	0	grass	perennial	kentucky bluegrass
<i>Rosa multiflora</i>	Rosaceae	non-native	0	shrub	perennial	multiflora rose

Woodlawn Park Species Inventory						
Scientific Name	Family	Native?	C	Physiognomy	Duration	Common Name
Rudbeckia laciniata	Asteraceae	native	4	forb	perennial	wild golden glow
Rumex crispus	Polygonaceae	non-native	0	forb	perennial	curly dock
Salix interior	Salicaceae	native	2	shrub	perennial	sandbar willow
Scirpus pendulus	Cyperaceae	native	2	sedge	perennial	red bulrush
Setaria pumila	Poaceae	non-native	0	grass	annual	yellow foxtail
Setaria viridis	Poaceae	non-native	0	grass	annual	green foxtail
Silphium perfoliatum	Asteraceae	native	5	forb	perennial	cup plant
Solanum dulcamara	Solanaceae	non-native	0	vine	perennial	deadly nightshade
Solidago altissima	Asteraceae	native	1	forb	perennial	tall goldenrod
Solidago canadensis	Asteraceae	native	1	forb	perennial	canada goldenrod
Taraxacum officinale	Asteraceae	non-native	0	forb	perennial	common dandelion
Toxicodendron radicans	Anacardiaceae	native	2	vine	perennial	poison ivy
Vitis riparia	Vitaceae	native	1	vine	perennial	riverbank grape