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SPECIALISTS IN ENVIRONMENTAL MANAGEMENT AND RESEARCH

December 6, 2011

Jill London
Lake Forest Open Lands Association
350 North Waukegan Road
Lake Forest, Illinois 60045

RE: Skokie River South Nature Preserve Management Plan (AES #10-0186)

Dear Jill:

We have completed our Natural Resources Inventory and Site Management Plan for the Skokie River South Nature Preserve located in Lake Forest, Illinois. The report contains the natural resources inventory and descriptions of on-site conditions, short and long-term management recommendations, site photographs, and a map of the site.

Enclosed are two copies of the report. Please call if you have any questions. We appreciate the opportunity to be of service.

Sincerely,

Maegan J. Droessler
Staff Ecologist

Enclosures

NATURAL RESOURCES INVENTORY & MANAGEMENT PLAN FOR THE SKOKIE RIVER SOUTH NATURE PRESERVE

LAKE FOREST, ILLINOIS

December 2011

NATURAL RESOURCES INVENTORY & MANAGEMENT PLAN FOR THE SKOKIE RIVER SOUTH NATURE PRESERVE

LAKE FOREST, ILLINOIS

Prepared by

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Submitted to

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December 2011

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INTRODUCTION

The Skokie River Nature Preserve is Lake Forest Open Lands' oldest and largest nature preserve, was essentially completed by the mid-1980s although subsequent parcels have been added to the preserve. It consists of a mix of woodlands, savanna, prairie, and sedge meadows typical of the bottomland areas of the Skokie River Valley. Several acres have been restored, but large areas consist of virgin prairie of such rarity that the entire holding is now part of the Illinois Nature Preserve system. The preserve was assembled largely through early land donations. Open Lands has also purchased several key parcels threatened by development, the latest being a 4.5-acre addition to the Shaw Prairie in 1999 (located in the northern section of the preserve).

**Information provided by Lake Forest Open Land Association's website*
http://www.lfola.org/ourlands/skokieriver.aspx

NATURAL RESOURCES INVENTORY

On September 2, 2011, Applied Ecological Services, Inc. (AES) ecologists were on-site to complete a Natural Resources Inventory (NRI) and photo document site conditions. Fourteen management units were identified, along with the dominant and invasive species. Photographs were taken of management units to represent current vegetation and management needs.

Management objectives for the southern Skokie River Nature Preserve should, in general, include efforts to restore degraded woodlands to higher quality wet mesic or dry mesic woodlands, restore degraded grasslands to dry and mesic prairie, and maintain existing restored areas as their current community. Activities for nearly all communities should include a prescribed burn program with variable frequency depending on the target community (2-3 years for prairie or wetlands; and every 5 years for woodlands). Invasive species control is gradual on the Preserve and should become a priority particularly at preserve boundaries, edges, and trails where disturbance is greatest. An annual monitoring program should be established to search for and locate early detection invasive/weedy species in all communities, and to establish a system for making annual management recommendations. These two activities should be considered top priorities. Invasive species will take several years to control depending on availability of staff and funds, and long-term management will be required afterwards.

Management Unit I

Management Unit I is located throughout the central portion of the property (Exhibit 2). This unit is characterized as a wet prairie with dry prairie and sedge meadow inclusions (Photos 1, 2, and 3, Appendix A). The dominant species in this area include hairy grass-leaved goldenrod (*Solidago graminifolia nuttallii)*, common mountain mint (*Pycnanthemum virginianum*), Dudley's rush (*Juncus dudleyi*), prairie dock (*Silphium terebinthinaceum*), broad-leaved woolly sedge (*Carex pellita*), sawtooth sunflower (*Helianthus grosseserratus*) in the herbaceous layer; and sandbar willow (*Salix interior*), pussy willow (*Salix discolor*), common buckthorn (*Rhamnus cathartica*), and multiflora rose (*Rosa multiflora*) in the shrub layer. Several native sedges were located in small sedge meadow inclusions. Invasive species found in this area were common buckthorn, multiflora rose, purple loosestrife (*Lythrum salicaria*), and timothy grass (*Phleum pretense*).

Recommendations:

- Use grass-selective herbicide in areas dominated by cool-season grass early in season before native grasses emerge.
- Remove and treat buckthorn and multiflora rose re-sprouts.
- Use herbicide to control purple loosestrife.
- Conduct prescribed burns to control tree saplings and invasive re-sprouts.
- Cut and stump treat dogwood (*Cornus species*) if prescribed burning does not keep populations under control.
- If desired, install or over-seed additional native species to enhance diversity

Management Unit II

Management unit II is located within Management Unit I, located in the central portion of the property (Exhibit 2). This unit is characterized as small dry prairie inclusions within the wet prairie community (Photos 4, 5, and 6, Appendix A). The dominant species in this area include little bluestem (*Andropogon scoparius*), prairie dock, and stiff goldenrod (*Solidago rigida*). Other native species were present and are listed in Appendix B. Invasive species identified in this area include common

buckthorn and purple loosestrife. An adolescent song sparrow (Photo 30, Appendix A) was observed during the field investigation indicating evidence of breeding populations on-site.

Recommendations:

- Remove and stump treat common buckthorn and re-sprouts.
- Use herbicide to control purple loosestrife.
- If desired, install or over-seed additional native species to enhance diversity

Management Unit III

Management unit III is located on the southeastern corner of the property and is characterized as a wet woodland with a small old field inclusion in the central portion of the community (Exhibit 2). The dominant species in the woodland included green ash (*Fraxinus pennsylvanica subintegerrima*), common buckthorn, wood avens (*Geum canadense*), and Canada goldenrod (*Solidago canadensis*); dominant species in the old field inclusion include Canada goldenrod, hairy grass-leaved goldenrod, gray dogwood (*Cornus racemosa*), and Kentucky bluegrass (*Poa pratensis*) (Photos 7, 8, and 9, Appendix A). Invasive species present in the woodland include Canada thistle (*Cirsium arvense*), reed canary grass (*Phalaris arundinacea*), white poplar (*Populus alba*), multiflora rose, tatarian honeysuckle (*Lonicera tatarica*), and glossy buckthorn (*Rhamnus frangula*); invasive species found in the old field inclusion include redtop (*Agrostis alba*), amur honeysuckle (*Lonicera maackii*), common buckthorn, lily-of-the-valley (*Convallaria majalis*), reed canary grass, Canada thistle, red clover (*Trifolium pratense*), and Kentucky bluegrass. A complete species list is located in Appendix B.

Recommendations (Low priority):

- Cut and stump treat buckthorn, honeysuckle, and white poplar.
- Use grass-selective herbicide to treat cool-season grasses, avoiding patches of gentian (*Gentiana andrewsii*).
- Conduct prescribed burns to control invasive species when fuel load permits.
- Overseed following prescribed burns with a native enhancement mix appropriate for the woodland or prairie community.

Management Unit IV

Management Unit IV has two locations on the property, one in the north central portion, while the second location is near then southwestern corner of the property, and is characterized as a pine plantation (Exhibit 2). Dominant species of this area include white pine (*Pinus strobus*) and hackberry (*Celtis occidentalis*) (Photo 10, Appendix A). Invasive species identified are tartarian honeysuckle and common buckthorn.

Recommendations (Low priority):

- Restore to prairie or savanna community.
- Cut and stump treat common buckthorn and tartarian honeysuckle.
- If desired, install or over-seed additional native species to enhance diversity

Management Unit V

Management Unit V is located in the southeastern corner of the property (Exhibit 2). This area is characterized as a restored natural area (Photos 11 & 12, Appendix A). Species found in the area were very similar to the adjacent old field areas, with evidence of restoration and species enhancement currently underway. The dominant species in this community included Kentucky bluegrass and Canada goldenrod. Invasive species included Kentucky bluegrass, redtop, Canada thistle, lily-of-the-valley, amur honeysuckle, reed canary grass, common buckthorn, and cow vetch (*Vicia cracca*). A total species list is located in Appendix B.

Recommendations:

- Conduct prescribed burns to control invasive vegetation and shrubs.
- Cut and stump treat common buckthorn and amur honeysuckle.
- Spot herbicide treatments to Canada thistle, lily-of-the-valley (if desired), and cow vetch.
- Use grass-selective herbicide early in the growing season to treat Kentucky bluegrass, redtop, and reed canary grass.
- Overseed with native prairie (forb/grass) seed mix to enhance diversity.

Management Unit VI

Management Unit VI is located on the northeastern and northwestern portions of the property (Exhibit 2). This area is characterized as a disturbed woodland edge (Photo 15, Appendix A). This area consists of scattered large, mature trees with sparse vegetative cover on the eastern side, and a dense shrub layer throughout the remainder of the community. Dominant species of this management unit include hackberry, common buckthorn, Virginia creeper (*Parthenocissus quinquefolia*), tartarian honeysuckle, garlic mustard (*Alliaria petiolata*), and black raspberry (*Rubus occidentalis*). Invasive species for this unit include garlic mustard, Japanese barberry (*Berberis thunbergii*), Hungarian brome (*Bromus inermis*), Russian olive (*Elaeagnus angustifolia*), dame's rocket (*Hesperis matronalis*), tartarian honeysuckle, timothy grass, common buckthorn, multiflora rose, and European highbush cranberry (*Viburnum opulus*). A complete species list is located in Appendix B. This area is highly disturbed and is considered a low priority for restoration.

Recommendations (Low priority):

- Cut and stump treat common buckthorn, tartarian honeysuckle, Japanese barberry, Russian olive, multiflora rose, and European highbush cranberry and any re-sprouts that may occur.
- Herbicide cool-season grass with a grass-selective herbicide.
- Spot herbicide treatments for garlic mustard and dame's rocket.
- Conduct prescribed burns to control invasive species when fuel loads permit.
- Overseed with native woodland/savanna understory species for enhancement.

Management Unit VII

Management Unit VII is located in both the northeastern and the southwestern corner of the property (Exhibit 2). This area is characterized as an old field/restored prairie with scattered native species (Photo 16, Appendix A). The dominant species of this management unit include heath aster (*Aster ericoides*), hairy grass-leaved goldenrod, stiff goldenrod, green ash, and Kentucky bluegrass. Invasive species in this unit include quack grass (*Agropyron repens*), oriental bittersweet (*Celastrus orbiculatus*), Canada thistle, tartarian honeysuckle, reed canary grass, and Kentucky bluegrass. All recorded species are listed in Appendix B.

Recommendations:

- Restore two areas to prairie.
- Cut and stump treat tartarian honeysuckle and oriental bittersweet and any re-sprouts.
- Spot herbicide treatments of Canada thistle.
- Spot herbicide treatments with grass-selective herbicide for quack grass, reed canary grass, and Kentucky bluegrass.
- If large patches of cool season grasses are present, conduct site preparation of the area including 3 steps; herbicide, discing, and repeat herbiciding.
- Seed with native prairie species and cover crop.

Management Unit VIII

Management Unit VIII is located throughout the northern portion of the property (Exhibit 2). This area is characterized as a tallgrass dominated mesic prairie (Photos 17, 18, and 19, Appendix A). Dominant species of this area includes big bluestem (*Andropogon gerardii*), stiff goldenrod, Indian grass (*Sorghastrum nutans*), and saw tooth sunflower (*Helianthus grosseserratus).* Invasive species documented in the unit include tartarian honeysuckle, common and glossy buckthorn. The northwest portion of this unit has a greater abundance of gray dogwood (*Cornus racemosa*). A complete list of species is located in Appendix B. The southern edge of this unit has more open trees, and could become a savanna community by planting bur oak trees (*Quercus macrocarpa*) at the fringes of the community.

Recommendations:

- Conduct prescribed burns every 2-3 years to control invasive species.
- Cut and stump treat tartarian honeysuckle, common and glossy buckthorn.
- Remove/thin and stump treat green ash and gray dogwood, if desired.
- If desired, install or over-seed additional native species to enhance diversity

Management Unit IX

Management Unit IX is located along the northwestern property boundary (Exhibit 2). This area is characterized as an aspen woodland (Photo 20, Appendix A). Dominant species of this area include quaking aspen (*Populus tremuloides*) and common buckthorn. Invasive species identified during the survey include redtop, Canada thistle, bull thistle (*Cirsium vulgare*), dame's rocket, tartarian honeysuckle, Kentucky bluegrass, and common buckthorn. A complete list of species is located in Appendix B.

Recommendations:

- Cut and stump treat tartarian honeysuckle and common buckthorn and any re-sprouts that may occur.
- Remove/thin and stump treat green ash and quaking aspen as needed.
- Spot herbicide treatment to control Canada thistle, bull thistle, and dame's rocket.
- Spot grass-selective herbicide treatment to control redtop and Kentucky bluegrass.
- Conduct prescribed burns to control invasive species when fuel loads permit.
- If desired, install or over-seed additional native species to enhance diversity

Management Unit X

Management Unit X is located in the west central portion of the site (Exhibit 2). This area is called the central westside woodland and is characterized as a young wet woods (Photo 21 & 22, Appendix A). Dominant species in this management unit include Virginia creeper and enchanter's nightshade (*Circaea lutetiana canadensis*) in the herbaceous layer; common buckthorn and green ash in the shrub layer; and crack willow (*Salix fragilis*) and eastern cottonwood in the canopy layer. Invasive species identified during the survey include tartarian honeysuckle, spruce (*Picea species*), common buckthorn, multiflora rose, crack willow, European highbush cranberry. A complete list of observed species is located in Appendix B. This unit is considered a low priority area.

Recommendations (Low priority):

- Remove and stump treat all invasive shrubs including common buckthorn, tartarian honeysuckle, multiflora rose, European highbush cranberry, crack willow and any re-sprouts that occur.
- Remove/thin and stump treat all non-oak trees, especially green ash and eastern cottonwood, and any re-sprouts that may occur.
- Conduct prescribed burns to control invasive species when fuel loads permit.

- Over-seed with native savanna/woodland seed.

Management Unit XI

Management Unit XI has scattered locations throughout the north central and south central portions of the property (Exhibit 2). These areas are characterized as sedge meadow inclusions and are found throughout the wet prairie management units (Photos 23, 24, and 25, Appendix A). Dominant species of these areas include common tussock sedge (*Carex stricta*), blue joint grass (*Calamagrostis canadensis*), and prairie cord grass (*Spartina pectinata*). Invasive species identified during the investigation include purple loosestrife, timothy grass, common buckthorn, and multiflora rose. A complete list of observed species is located in Appendix B.

Recommendations:

- Spot herbicide treatment to control timothy grass and purple loosestrife.
- Cut and stump treat common buckthorn and multiflora rose and any re-sprouts as needed.
- Remove/thin and stump treat gray dogwood as needed or conduct prescribed burns twice a year.
- Conduct prescribed burns to control invasive species.
- If desired, install or over-seed additional native species to enhance diversity

Management Unit XII

Management Unit XII is located in the southwestern corner of the property boundary (Exhibit 2). This area is called the southwest woodland and is characterized as a disturbed woodland (Photo 26, Appendix A). Dominant species of this area include box elder (*Acer negundo*), black locust (*Robinia pseudoacacia*), common buckthorn, garlic mustard, and eastern cottonwood. Invasive species identified include Norway maple (*Acer platanoides*), garlic mustard, tartarian honeysuckle, common buckthorn, black locust, and crack willow. A complete species list is located in Appendix B. This area is considered low priority for restoration.

Recommendations (Low priority):

- Clear all invasive and weedy shrubs and trees and stump treat, including box elder, Norway maple, tartarian honeysuckle, common buckthorn, black locust, and crack willow.
- Thin/remove eastern cottonwood and green ash trees.
- Spot herbicide treatments to control garlic mustard.
- Conduct prescribed burns to control invasive species when fuel loads permit.
- Over-seed with native savanna/woodland seed mix.

Management Unit XIII

Management Unit XIII is located on the southwestern property boundary (Exhibit 2). This area is characterized as a dry mesic prairie (Photo 27, Appendix A). The dominant species identified in this zone include Kentucky bluegrass, stiff goldenrod, heath aster, wild bergamot (*Monarda fistulosa*), gray dogwood, big bluestem, and Canada goldenrod. Invasive species in the area include bull thistle, common St. Johns Wort (*Hypericum perforatum*), Kentucky bluegrass, common buckthorn, and black locust. A more complete species list is located in Appendix B.

Recommendations:

- Conduct a prescribed burn to control invasive species as soon as possible.
- Cut and stump treat common buckthorn and black locust and any re-sprouts that may occur.
- Spot herbicide treatments to control Kentucky bluegrass, Canada thistle, and St. John's wort.
- Remove/thin gray dogwood and stump treat as needed.

- If desired, install or over-seed additional native species to enhance diversity

Management Unit XIV

Management Unit XIV is located in the southwestern corner of the property along the property boundary (Exhibit 2). This area is characterized as an intermittent swale (Photo 28, Appendix A). This area is dominated by sandbar willow (*Salix interior*) and Dudley's rush. A complete list of species observed is located in Appendix B.

Recommendations:

- Remove/thin sandbar willow and stump treat if desired.
- Conduct prescribed burns to control invasive species.
- Over-seed with native wetland/wet prairie enhancement seed if desired.

Management Unit XV

Management Unit XV is located in the north eastern corner of the property (Exhibit 2). This unit is characterized as turf grass (Photo 29, Appendix A). The dominant species of this area is Kentucky bluegrass.

Recommendations (Low priority):

- Restore the area to prairie.
- Conduct site preparation of the area including 3 steps; herbicide, discing, and repeat herbiciding.
- Seed with native prairie species and cover crop.

LONG TERM MANAGEMENT

It is imperative that long-term management continue after the recommendations of this plan are met and short-term management is complete. Long-term maintenance may include some or all of the short-term management techniques, but is expected to become less frequent as prescribed burning becomes the primary management tool for controlling non-native species. Annual inspections by a qualified professional should continue to properly assess the site conditions and recommend management measures.

Long Term Goals:

- Continue conducting prescribed burns.
- Continue eradication and control of invasive species.
- Adjust monitoring programs as necessary as ecological conditions improve.
- Increase plant diversity, richness, and C-value.
- Continue public education on the process of restoration and ecological change.

APPENDICIES

Appendix A

Site Photographs

Photo 1. MU #I, Wet prairie.

Photo 2. MU #I, Wet prairie.

Photo 3. MU #I, Wet prairie.

Photo 4. MU #II, Dry prairie.

Photo 5. MU #II, Dry prairie.

Photo 6. MU #II, Dry prairie.

Photo 7. MU #III, Wet woods.

Photo 8. MU #III, Wet woods with old field.

Photo 9. MU # III, Bottle gentian (*Gentiana andrewsii*).

Photo 10. MU #IV, Pine plantation.

Photo 11. MU #V, Restored natural area.

Photo 12. MU #V, Restored natural area.

Photo 13. MU #VI, Disturbed woodland edge.

Photo 14. MU #VI, Disturbed woodland edge.

Photo 15. MU #VI, Disturbed woodland edge.

Photo 16. MU # VII, Old field/restored prairie.

Photo 17. MU #VIII, Mesic prairie.

Photo 18. MU#VIII, Mesic prairie.

Photo 19. MU# VIII, Mesic prairie.

Photo 20. MU# IX, Aspen woodland.

Photo 21. MU #X, Central westside woodland.

Photo 22. MU #X, Central westside woodland.

Photo 23. MU #XI, Sedge meadow inclusion.

Photo 24. MU #XI, Sedge meadow inclusion.

Photo 25. MU #XI, Sedge meadow inclusion.

Photo 26. MU # XII, Southwest woodland.

Photo 27. MU #XIII, Dry mesic prairie.

Photo 28. MU # XIV, Intermittent swale.

Photo 29. MU #XV, Turf grass.

Photo 30. Adolescent song sparrow in MU #II.

Appendix B

Natural Communities Species List

SITE Skokie River South Nature Preserve (10-0186)
LOCALE I - Wet Prairie
DATE 9/2/2011
BY WWS, MJD

FLORISTIC QUALITY DATA				NATIVE			ADVENTIVE	
61	Native Species	4	Tree	6.1%	0	Tree	0.0%
66	Total Species	7	Shrub	10.6%	2	Shrub	3.0%
4.59	Native Mean C	1	W-Vine	1.5%	0	W-Vine	0.0%
4.24	w/Adventives	0	H-Vine	0.0%	0	H-Vine	0.0%
35.85	Native FQI	38	P-Forb	57.6%	2	P-Forb	3.0%
34.47	w/Adventives	1	B-Forb	1.5%	0	B-Forb	0.0%
-1.07	Native W	1	A-Forb	1.5%	0	A-Forb	0.0%
-0.88	w/Adventives	5	P-Grass	7.6%	1	P-Grass	1.5%
		0	A-Grass	0.0%	0	A-Grass	0.0%
		4	P-Sedge	6.1%	0	P-Sedge	0.0%
		0	A-Sedge	0.0%	0	A-Sedge	0.0%
		0	Cryptogam	0.0%			

ACRONYM	C	SCIENTIFIC NAME	W	WETNESS	PHYSIOG.	COMMON NAME
ANDSCO	5	Andropogon scoparius	4	FACU-	Nt P-GRASS	LITTLE BLUESTEM GRASS
APOSIB	2	Apocynum sibiricum	-1	FAC+	Nt P-FORB	PRAIRIE INDIAN HEMP
ASPOFF	*	ASPARAGUS OFFICINALIS	3	FACU	Ad P-FORB	ASPARAGUS
ASTAZU	8	Aster azureus	5	UPL	Nt P-FORB	SKY-BLUE ASTER
ASTERI	5	Aster ericoides	4	FACU-	Nt P-FORB	HEATH ASTER
ASTNOV	4	Aster novae-angliae	-3	FACW	Nt P-FORB	NEW ENGLAND ASTER
ASTPUP	8	Aster puniceus	-5	OBL	Nt P-FORB	BRISTLY ASTER
ASTSIS	3	Aster simplex	-5	OBL	Nt P-FORB	PANICLED ASTER
BIDCER	5	Bidens cernua	-5	OBL	Nt A-FORB	NODDING BUR MARIGOLD
BOLLAR	9	Boltonia latisquama recognita	-5	[OBL]	Nt P-FORB	FALSE ASTER
CALCAN	3	Calamagrostis canadensis	-5	OBL	Nt P-GRASS	BLUE JOINT GRASS
CEAAME	6	Ceanothus americanus	5	UPL	Nt SHRUB	NEW JERSEY TEA
CIRDIS	2	Cirsium discolor	5	UPL	Nt B-FORB	PASTURE THISTLE
COROBL	6	Cornus obliqua	-4	FACW+	Nt SHRUB	BLUE-FRUITED DOGWOOD
CORRAC	1	Cornus racemosa	-2	FACW-	Nt SHRUB	GRAY DOGWOOD
CORSTO	6	Cornus stolonifera	-3	FACW	Nt SHRUB	RED-OSIER DOGWOOD
CORTRP	5	Coreopsis tripteris	0	FAC	Nt P-FORB	TALL COREOPSIS
CXPELL	4	Carex pellita	-5	OBL	Nt P-SEDGE	BROAD-LEAVED WOOLLY SEDGE
CXSTRI	5	Carex stricta	-5	OBL	Nt P-SEDGE	COMMON TUSSOCK SEDGE
ELEERY	2	Eleocharis erythropoda	-5	OBL	Nt P-SEDGE	RED-ROOTED SPIKE RUSH
ERYYUC	9	Eryngium yuccifolium	-1	FAC+	Nt P-FORB	RATTLESNAKE MASTER
EUPCOR	2	Euphorbia corollata	5	UPL	Nt P-FORB	FLOWERING SPURGE
FRAVIR	1	Fragaria virginiana	1	FAC-	Nt P-FORB	WILD STRAWBERRY
GERMAC	4	Geranium maculatum	5	[UPL]	Nt P-FORB	WILD GERANIUM
HELAUT	5	Helenium autumnale	-4	FACW+	Nt P-FORB	SNEEZEWEED
HELGRO	2	Helianthus grosseserratus	-2	FACW-	Nt P-FORB	SAWTOOTH SUNFLOWER
JUNDUD	4	Juncus dudleyi	0	[FAC]	Nt P-FORB	DUDLEY'S RUSH
JUNTOR	4	Juncus torreyi	-3	FACW	Nt P-FORB	TORREY'S RUSH
LIAPYC	8	Liatris pycnostachya	1	FAC-	Nt P-FORB	PRAIRIE BLAZING STAR
LYTSAL	*	LYTHRUM SALICARIA	-5	OBL	Ad P-FORB	PURPLE LOOSESTRIFE
OXYRIG	7	Oxypolis rigidior	-5	OBL	Nt P-FORB	COWBANE
PANVIR	5	Panicum virgatum	-1	FAC+	Nt P-GRASS	SWITCH GRASS
PEDLAN	9	Pedicularis lanceolata	-5	[OBL]	Nt P-FORB	FEN BETONY
PHLPRA	*	PHLEUM PRATENSE	3	FACU	Ad P-GRASS	TIMOTHY
POPDEL	2	Populus deltoides	-1	FAC+	Nt TREE	EASTERN COTTONWOOD
PRUVLA	0	Prunella vulgaris lanceolata	3	[FACU]	Nt P-FORB	SELF HEAL
PYCVIR	5	Pycnanthemum virginianum	-4	FACW+	Nt P-FORB	COMMON MOUNTAIN MINT
QUEMAC	5	Quercus macrocarpa	1	FAC-	Nt TREE	BUR OAK
QUEPAU	8	Quercus palustris	-3	FACW	Nt TREE	PIN OAK
RATPIN	4	Ratibida pinnata	5	UPL	Nt P-FORB	YELLOW CONEFLOWER
RHACAT	*	RHAMNUS CATHARTICA	3	FACU	Ad SHRUB	COMMON BUCKTHORN
ROSCAR	5	Rosa carolina	4	FACU-	Nt SHRUB	PASTURE ROSE
ROSMUL	*	ROSA MULTIFLORA	3	FACU	Ad SHRUB	MULTIFLORA ROSE
SALDIS	2	Salix discolor	-3	FACW	Nt SHRUB	PUSSY WILLOW
SALINT	1	Salix interior	-5	OBL	Nt SHRUB	SANDBAR WILLOW
SALNIG	4	Salix nigra	-5	OBL	Nt TREE	BLACK WILLOW
SCICYP	6	Scirpus cyperinus	-5	OBL	Nt P-SEDGE	WOOL GRASS
SILLAC	5	Silphium laciniatum	5	UPL	Nt P-FORB	COMPASS PLANT
SILPER	5	Silphium perfoliatum	-2	FACW-	Nt P-FORB	CUP PLANT
SILTER	5	Silphium terebinthinaceum	3	FACU	Nt P-FORB	PRAIRIE DOCK
SIUSUA	7	Sium suave	-5	OBL	Nt P-FORB	TALL WATER PARSNIP
SMISTE	5	Smilacina stellata	1	FAC-	Nt P-FORB	STARRY FALSE SOLOMON'S SEAL
SOLCAN	1	Solidago canadensis	3	FACU	Nt P-FORB	CANADA GOLDENROD
SOLGIG	4	Solidago gigantea	-3	FACW	Nt P-FORB	LATE GOLDENROD
SOLGRN	3	Solidago graminifolia nuttallii	0	[FAC]	Nt P-FORB	HAIRY GRASS-LEAVED GOLDENROD
SOLNEM	4	Solidago nemoralis	5	UPL	Nt P-FORB	OLD-FIELD GOLDENROD
SOLOHI	9	Solidago ohioensis	-5	OBL	Nt P-FORB	OHIO GOLDENROD
SOLRID	7	Solidago riddellii	-5	OBL	Nt P-FORB	RIDDELL'S GOLDENROD
SOLRIG	4	Solidago rigida	4	FACU-	Nt P-FORB	STIFF GOLDENROD
SORNUT	5	Sorghastrum nutans	2	FACU+	Nt P-GRASS	INDIAN GRASS
SPAPEC	4	Spartina pectinata	-4	FACW+	Nt P-GRASS	PRAIRIE CORD GRASS
TYPLAT	1	Typha latifolia	-5	OBL	Nt P-FORB	BROAD-LEAVED CATTAIL
VERHAS	4	Verbena hastata	-4	FACW+	Nt P-FORB	BLUE VERVAIN
VERVIR	7	Veronicastrum virginicum	0	FAC	Nt P-FORB	CULVER'S ROOT
VITRIP	2	Vitis riparia	-2	FACW-	Nt W-VINE	RIVERBANK GRAPE
ZIZAUR	7	Zizia aurea	-1	FAC+	Nt P-FORB	GOLDEN ALEXANDERS

SITE Skokie River South Nature Preserve (AES#10-0186)
LOCALE II - Dry Prairie
DATE 9/2/2011
BY WWS, MJD

FLORISTIC QUALITY DATA			NATIVE			ADVENTIVE	
22	Native Species	0	Tree	0.0%	0	Tree	0.0%
25	Total Species	1	Shrub	4.0%	1	Shrub	4.0%
5.23	Native Mean C	1	W-Vine	4.0%	0	W-Vine	0.0%
4.60	w/Adventives	0	H-Vine	0.0%	0	H-Vine	0.0%
24.52	Native FQI	17	P-Forb	68.0%	2	P-Forb	8.0%
23.00	w/Adventives	0	B-Forb	0.0%	0	B-Forb	0.0%
1.23	Native W	0	A-Forb	0.0%	0	A-Forb	0.0%
1.12	w/Adventives	3	P-Grass	12.0%	0	P-Grass	0.0%
		0	A-Grass	0.0%	0	A-Grass	0.0%
		0	P-Sedge	0.0%	0	P-Sedge	0.0%
		0	A-Sedge	0.0%	0	A-Sedge	0.0%
		0	Cryptogam	0.0%			

ACRONYM	C	SCIENTIFIC NAME	W	WETNESS	PHYSIOG.	COMMON NAME
ANDSCO	5	Andropogon scoparius	4	FACU-	Nt P-GRASS	LITTLE BLUESTEM GRASS
ASPOFF	*	ASPARAGUS OFFICINALIS	3	FACU	Ad P-FORB	ASPARAGUS
ASTAZU	8	Aster azureus	5	UPL	Nt P-FORB	SKY-BLUE ASTER
ASTERI	5	Aster ericoides	4	FACU-	Nt P-FORB	HEATH ASTER
CORSTO	6	Cornus stolonifera	-3	FACW	Nt SHRUB	RED-OSIER DOGWOOD
ERYYUC	9	Eryngium yuccifolium	-1	FAC+	Nt P-FORB	RATTLESNAKE MASTER
EUPCOR	2	Euphorbia corollata	5	UPL	Nt P-FORB	FLOWERING SPURGE
FRAVIR	1	Fragaria virginiana	1	FAC-	Nt P-FORB	WILD STRAWBERRY
HEURIC	8	Heuchera richardsonii	1	FAC-	Nt P-FORB	PRAIRIE ALUM ROOT
LIAPYC	8	Liatris pycnostachya	1	FAC-	Nt P-FORB	PRAIRIE BLAZING STAR
LYTSAL	*	LYTHRUM SALICARIA	-5	OBL	Ad P-FORB	PURPLE LOOSESTRIFE
MONFIS	4	Monarda fistulosa	3	FACU	Nt P-FORB	WILD BERGAMOT
PEDLAN	9	Pedicularis lanceolata	-5	[OBL]	Nt P-FORB	FEN BETONY
PYCVIR	5	Pycnanthemum virginianum	-4	FACW+	Nt P-FORB	COMMON MOUNTAIN MINT
RATPIN	4	Ratibida pinnata	5	UPL	Nt P-FORB	YELLOW CONEFLOWER
RHACAT	*	RHAMNUS CATHARTICA	3	FACU	Ad SHRUB	COMMON BUCKTHORN
SILINI	5	Silphium integrifolium	5	UPL	Nt P-FORB	ROSIN WEED
SILPER	5	Silphium perfoliatum	-2	FACW-	Nt P-FORB	CUP PLANT
SILTER	5	Silphium terebinthinaceum	3	FACU	Nt P-FORB	PRAIRIE DOCK
SOLNEM	4	Solidago nemoralis	5	UPL	Nt P-FORB	OLD-FIELD GOLDENROD
SOLRIG	4	Solidago rigida	4	FACU-	Nt P-FORB	STIFF GOLDENROD
SORNUT	5	Sorghastrum nutans	2	FACU+	Nt P-GRASS	INDIAN GRASS
SPAPEC	4	Spartina pectinata	-4	FACW+	Nt P-GRASS	PRAIRIE CORD GRASS
VERVIR	7	Veronicastrum virginicum	0	FAC	Nt P-FORB	CULVER'S ROOT
VITRIP	2	Vitis riparia	-2	FACW-	Nt W-VINE	RIVERBANK GRAPE

SITE Skokie River South Nature Preserve (10-0186)
LOCALE III - Wet Woods
DATE 9/2/2011
BY WWS, MJD

FLORISTIC QUALITY DATA			NATIVE		ADVENTIVE	
34	Native Species	1	Tree	2.1%	1	Tree	2.1%
47	Total Species	7	Shrub	14.9%	4	Shrub	8.5%
3.41	Native Mean C	1	W-Vine	2.1%	0	W-Vine	0.0%
2.47	w/Adventives	0	H-Vine	0.0%	0	H-Vine	0.0%
19.89	Native FQI	17	P-Forb	36.2%	4	P-Forb	8.5%
16.92	w/Adventives	0	B-Forb	0.0%	1	B-Forb	2.1%
-0.15	Native W	1	A-Forb	2.1%	0	A-Forb	0.0%
0.49	w/Adventives	3	P-Grass	6.4%	3	P-Grass	6.4%
		0	A-Grass	0.0%	0	A-Grass	0.0%
		4	P-Sedge	8.5%	0	P-Sedge	0.0%
		0	A-Sedge	0.0%	0	A-Sedge	0.0%
		0	Cryptogam	0.0%			

ACRONYM	C	SCIENTIFIC NAME	W	WETNESS	PHYSIOG.	COMMON NAME
AGRALA	*	AGROSTIS ALBA	-3	FACW	Ad P-GRASS	REDTOP
AGRGRY	2	Agrimonia gryposepala	2	FACU+	Nt P-FORB	TALL AGRIMONY
ASTLAT	4	Aster lateriflorus	-2	FACW-	Nt P-FORB	SIDE-FLOWERING ASTER
ASTSAD	2	Aster sagittifolius drummondii	3	[FACU]	Nt P-FORB	DRUMMOND'S ASTER
BROPUB	5	Bromus pubescens	2	FACU+	Nt P-GRASS	WOODLAND BROME
CIRARV	*	CIRSIUM ARVENSE	5	UPL	Ad P-FORB	FIELD THISTLE
CONMAJ	*	CONVALLARIA MAJALIS	5	UPL	Ad P-FORB	LILY-OF-THE-VALLEY
CORRAC	1	Cornus racemosa	-2	FACW-	Nt SHRUB	GRAY DOGWOOD
CORSTO	6	Cornus stolonifera	-3	FACW	Nt SHRUB	RED-OSIER DOGWOOD
CXBEBB	6	Carex bebbii	-5	OBL	Nt P-SEDGE	BEBB'S OVAL SEDGE
CXPELL	4	Carex pellita	-5	OBL	Nt P-SEDGE	BROAD-LEAVED WOOLLY SEDGE
CXPENS	5	Carex pensylvanica	5	UPL	Nt P-SEDGE	COMMON OAK SEDGE
CXVULP	2	Carex vulpinoidea	-5	OBL	Nt P-SEDGE	BROWN FOX SEDGE
DAUCAR	*	DAUCUS CAROTA	5	UPL	Ad B-FORB	QUEEN ANNE'S LACE
ELYVIR	4	Elymus virginicus	-2	FACW-	Nt P-GRASS	VIRGINIA WILD RYE
FRAPES	1	Fraxinus pennsylvanica subintegerrima	0	FAC	Nt TREE	GREEN ASH
FRAVIR	1	Fragaria virginiana	1	FAC-	Nt P-FORB	WILD STRAWBERRY
GENAND	8	Gentiana andrewsii	-3	FACW	Nt P-FORB	BOTTLE GENTIAN
GEUCAN	1	Geum canadense	0	FAC	Nt P-FORB	WOOD AVENS
HELGRO	2	Helianthus grosseserratus	-2	FACW-	Nt P-FORB	SAWTOOTH SUNFLOWER
LEEVIR	7	Leersia virginica	-3	FACW	Nt P-GRASS	WHITE GRASS
LOBSIP	6	Lobelia siphilitica	-4	FACW+	Nt P-FORB	GREAT BLUE LOBELIA
LONMAA	*	LONICERA MAACKII	5	UPL	Ad SHRUB	AMUR HONEYSUCKLE
PARQUI	2	Parthenocissus quinquefolia	1	FAC-	Nt W-VINE	VIRGINIA CREEPER
PHAARU	*	PHALARIS ARUNDINACEA	-4	FACW+	Ad P-GRASS	REED CANARY GRASS
POAPRA	*	POA PRATENSIS	1	FAC-	Ad P-GRASS	KENTUCKY BLUE GRASS
POLGVI	2	Polygonum virginianum	0	FAC	Nt P-FORB	WOODLAND KNOTWEED
POPALB	*	POPULUS ALBA	5	UPL	Ad TREE	WHITE POPLAR
PRUVLA	0	Prunella vulgaris lanceolata	3	[FACU]	Nt P-FORB	SELF HEAL
RHACAT	*	RHAMNUS CATHARTICA	3	FACU	Ad SHRUB	COMMON BUCKTHORN
RHAFRA	*	RHAMNUS FRANGULA	-1	FAC+	Ad SHRUB	GLOSSY BUCKTHORN
ROSCAR	5	Rosa carolina	4	FACU-	Nt SHRUB	PASTURE ROSE
ROSMUL	*	ROSA MULTIFLORA	3	FACU	Ad SHRUB	MULTIFLORA ROSE
RUBALL	3	Rubus allegheniensis	2	FACU+	Nt SHRUB	COMMON BLACKBERRY
RUBOCC	2	Rubus occidentalis	5	UPL	Nt SHRUB	BLACK RASPBERRY
RUDHIR	1	Rudbeckia hirta	3	FACU	Nt P-FORB	BLACK-EYED SUSAN
RUDLAC	5	Rudbeckia laciniata	-4	FACW+	Nt P-FORB	WILD GOLDEN GLOW
RUDTRI	3	Rudbeckia triloba	1	FAC-	Nt A-FORB	BROWN-EYED SUSAN
RUMCRI	*	RUMEX CRISPUS	-1	FAC+	Ad P-FORB	CURLY DOCK
SAMCAN	1	Sambucus canadensis	-2	FACW-	Nt SHRUB	ELDERBERRY
SILPER	5	Silphium perfoliatum	-2	FACW-	Nt P-FORB	CUP PLANT
SOLCAN	1	Solidago canadensis	3	FACU	Nt P-FORB	CANADA GOLDENROD
SOLGRN	3	Solidago graminifolia nuttallii	0	[FAC]	Nt P-FORB	HAIRY GRASS-LEAVED GOLDENROD
TRIPRA	*	TRIFOLIUM PRATENSE	5	UPL	Ad P-FORB	RED CLOVER
VERSTR	4	Verbena stricta	5	UPL	Nt P-FORB	HOARY VERVAIN
VERVIR	7	Veronicastrum virginicum	0	FAC	Nt P-FORB	CULVER'S ROOT
VIBLEN	5	Viburnum lentago	-1	FAC+	Nt SHRUB	NANNYBERRY

SITE Skokie River South nature Preserve (10-0186)
LOCALE IV - Pine Plantation
DATE 9/2/2011
BY WWS, MJD

FLORISTIC QUALITY DATA			NATIVE			ADVENTIVE	
3	Native Species	2	Tree	40.0%	0	Tree	0.0%
5	Total Species	0	Shrub	0.0%	2	Shrub	40.0%
4.67	Native Mean C	1	W-Vine	20.0%	0	W-Vine	0.0%
2.80	w/Adventives	0	H-Vine	0.0%	0	H-Vine	0.0%
8.08	Native FQI	0	P-Forb	0.0%	0	P-Forb	0.0%
6.26	w/Adventives	0	B-Forb	0.0%	0	B-Forb	0.0%
1.67	Native W	0	A-Forb	0.0%	0	A-Forb	0.0%
2.60	w/Adventives	0	P-Grass	0.0%	0	P-Grass	0.0%
		0	A-Grass	0.0%	0	A-Grass	0.0%
		0	P-Sedge	0.0%	0	P-Sedge	0.0%
		0	A-Sedge	0.0%	0	A-Sedge	0.0%
		0	Cryptogam	0.0%			

ACRONYM	C	SCIENTIFIC NAME	W	WETNESS	PHYSIOG.	COMMON NAME
CELOCC	3	Celtis occidentalis	1	FAC-	Nt TREE	HACKBERRY
LONTAT	*	LONICERA TATARICA	5	[UPL]	Ad SHRUB	TARTARIAN HONEYSUCKLE
PARQUI	2	Parthenocissus quinquefolia	1	FAC-	Nt W-VINE	VIRGINIA CREEPER
PINSTR	9	Pinus strobus	3	FACU	Nt TREE	WHITE PINE
RHACAT	*	RHAMNUS CATHARTICA	3	FACU	Ad SHRUB	COMMON BUCKTHORN

SITE Skokie River South Nature Preserve (10-0186)
LOCALE V - Restored Natural Area
DATE
BY

FLORISTIC QUALITY DATA			NATIVE			ADVENTIVE	
22	Native Species	0	Tree	0.0%	0	Tree	0.0%
33	Total Species	3	Shrub	9.1%	2	Shrub	6.1%
4.09	Native Mean C	0	W-Vine	0.0%	0	W-Vine	0.0%
2.73	w/Adventives	0	H-Vine	0.0%	0	H-Vine	0.0%
19.19	Native FQI	17	P-Forb	51.5%	5	P-Forb	15.2%
15.67	w/Adventives	0	B-Forb	0.0%	1	B-Forb	3.0%
1.09	Native W	0	A-Forb	0.0%	0	A-Forb	0.0%
1.52	w/Adventives	1	P-Grass	3.0%	3	P-Grass	9.1%
		0	A-Grass	0.0%	0	A-Grass	0.0%
		1	P-Sedge	3.0%	0	P-Sedge	0.0%
		0	A-Sedge	0.0%	0	A-Sedge	0.0%
		0	Cryptogam	0.0%			

ACRONYM	C	SCIENTIFIC NAME	W	WETNESS	PHYSIOG.	COMMON NAME
AGRALA	*	AGROSTIS ALBA	-3	FACW	Ad P-GRASS	REDTOP
AGRGRY	2	Agrimonia gryposepala	2	FACU+	Nt P-FORB	TALL AGRIMONY
ASCSYR	0	Asclepias syriaca	5	UPL	Nt P-FORB	COMMON MILKWEED
CACSUA	10	Cacalia suaveolens	-5	OBL	Nt P-FORB	SWEET INDIAN PLANTAIN
CIRARV	*	CIRSIUM ARVENSE	5	UPL	Ad P-FORB	FIELD THISTLE
CONMAJ	*	CONVALLARIA MAJALIS	5	UPL	Ad P-FORB	LILY-OF-THE-VALLEY
CORRAC	1	Cornus racemosa	-2	FACW-	Nt SHRUB	GRAY DOGWOOD
CORSTO	6	Cornus stolonifera	-3	FACW	Nt SHRUB	RED-OSIER DOGWOOD
CXBEBB	6	Carex bebbii	-5	OBL	Nt P-SEDGE	BEBB'S OVAL SEDGE
DAUCAR	*	DAUCUS CAROTA	5	UPL	Ad B-FORB	QUEEN ANNE'S LACE
ECHPUR	3	Echinacea purpurea	5	UPL	Nt P-FORB	BROAD-LEAVED PURPLE CONEFLOWER
ELYVIR	4	Elymus virginicus	-2	FACW-	Nt P-GRASS	VIRGINIA WILD RYE
GENAND	8	Gentiana andrewsii	-3	FACW	Nt P-FORB	BOTTLE GENTIAN
HELGRO	2	Helianthus grosseserratus	-2	FACW-	Nt P-FORB	SAWTOOTH SUNFLOWER
LOBSIP	6	Lobelia siphilitica	-4	FACW+	Nt P-FORB	GREAT BLUE LOBELIA
LONMAA	*	LONICERA MAACKII	5	UPL	Ad SHRUB	AMUR HONEYSUCKLE
MONFIS	4	Monarda fistulosa	3	FACU	Nt P-FORB	WILD BERGAMOT
PHAARU	*	PHALARIS ARUNDINACEA	-4	FACW+	Ad P-GRASS	REED CANARY GRASS
POAPRA	*	POA PRATENSIS	1	FAC-	Ad P-GRASS	KENTUCKY BLUE GRASS
RATPIN	4	Ratibida pinnata	5	UPL	Nt P-FORB	YELLOW CONEFLOWER
RHACAT	*	RHAMNUS CATHARTICA	3	FACU	Ad SHRUB	COMMON BUCKTHORN
RUBOCC	2	Rubus occidentalis	5	UPL	Nt SHRUB	BLACK RASPBERRY
RUDHIR	1	Rudbeckia hirta	3	FACU	Nt P-FORB	BLACK-EYED SUSAN
RUDSUB	9	Rudbeckia subtomentosa	2	FACU+	Nt P-FORB	SWEET BLACK-EYED SUSAN
RUMCRI	*	RUMEX CRISPUS	-1	FAC+	Ad P-FORB	CURLY DOCK
SILINI	5	Silphium integrifolium	5	UPL	Nt P-FORB	ROSIN WEED
SILTER	5	Silphium terebinthinaceum	3	FACU	Nt P-FORB	PRAIRIE DOCK
SOLCAN	1	Solidago canadensis	3	FACU	Nt P-FORB	CANADA GOLDENROD
SOLGRN	3	Solidago graminifolia nuttallii	0	[FAC]	Nt P-FORB	HAIRY GRASS-LEAVED GOLDENROD
SOLRIG	4	Solidago rigida	4	FACU-	Nt P-FORB	STIFF GOLDENROD
TRIPRA	*	TRIFOLIUM PRATENSE	5	UPL	Ad P-FORB	RED CLOVER
VERSTR	4	Verbena stricta	5	UPL	Nt P-FORB	HOARY VERVAIN
VICCRA	*	VICIA CRACCA	5	UPL	Ad P-FORB	COW VETCH

SITE Skokie River South Nature Preserve
LOCALE VI - Disturbed Woodland (property boundary)
DATE 9/2/2011
BY WWS, MJD

FLORISTIC QUALITY DATA				NATIVE			ADVENTIVE	
26	Native Species	8	Tree	20.5%	1	Tree	2.6%
39	Total Species	5	Shrub	12.8%	6	Shrub	15.4%
3.00	Native Mean C	1	W-Vine	2.6%	0	W-Vine	0.0%
2.00	w/Adventives	0	H-Vine	0.0%	0	H-Vine	0.0%
15.30	Native FQI	9	P-Forb	23.1%	1	P-Forb	2.6%
12.49	w/Adventives	1	B-Forb	2.6%	3	B-Forb	7.7%
1.31	Native W	2	A-Forb	5.1%	0	A-Forb	0.0%
2.15	w/Adventives	0	P-Grass	0.0%	2	P-Grass	5.1%
		0	A-Grass	0.0%	0	A-Grass	0.0%
		0	P-Sedge	0.0%	0	P-Sedge	0.0%
		0	A-Sedge	0.0%	0	A-Sedge	0.0%
		0	Cryptogam	0.0%			

ACRONYM	C	SCIENTIFIC NAME	W	WETNESS	PHYSIOG.	COMMON NAME
ACENEG	0	Acer negundo	-2	FACW-	Nt TREE	BOX ELDER
ALLPET	*	ALLIARIA PETIOLATA	0	FAC	Ad B-FORB	GARLIC MUSTARD
ARCMIN	*	ARCTIUM MINUS	5	UPL	Ad B-FORB	COMMON BURDOCK
ASTPIL	0	Aster pilosus	2	FACU+	Nt P-FORB	HAIRY ASTER
BERTHU	*	BERBERIS THUNBERGII	4	FACU-	Ad SHRUB	JAPANESE BARBERRY
BROINE	*	BROMUS INERMIS	5	UPL	Ad P-GRASS	HUNGARIAN BROME
CELOCC	3	Celtis occidentalis	1	FAC-	Nt TREE	HACKBERRY
CERCAN	10	Cercis canadensis	3	FACU	Nt TREE	REDBUD
CIRLUC	1	Circaea lutetiana canadensis	3	FACU	Nt P-FORB	ENCHANTER'S NIGHTSHADE
CORAME	5	Corylus americana	4	FACU-	Nt SHRUB	AMERICAN HAZELNUT
CORRAC	1	Cornus racemosa	-2	FACW-	Nt SHRUB	GRAY DOGWOOD
CORTRP	5	Coreopsis tripteris	0	FAC	Nt P-FORB	TALL COREOPSIS
DAUCAR	*	DAUCUS CAROTA	5	UPL	Ad B-FORB	QUEEN ANNE'S LACE
ELAANG	*	ELAEAGNUS ANGUSTIFOLIA	4	FACU-	Ad SHRUB	RUSSIAN OLIVE
EUPRUG	4	Eupatorium rugosum	5	UPL	Nt P-FORB	WHITE SNAKEROOT
FRAPES	1	Fraxinus pennsylvanica subintegerrima	0	FAC	Nt TREE	GREEN ASH
GEUCAN	1	Geum canadense	0	FAC	Nt P-FORB	WOOD AVENS
HELGRO	2	Helianthus grosseserratus	-2	FACW-	Nt P-FORB	SAWTOOTH SUNFLOWER
HESMAT	*	HESPERIS MATRONALIS	5	UPL	Ad P-FORB	DAME'S ROCKET
IMPCAP	3	Impatiens capensis	-3	FACW	Nt A-FORB	ORANGE JEWELWEED
LONTAT	*	LONICERA TATARICA	5	[UPL]	Ad SHRUB	TARTARIAN HONEYSUCKLE
MALPUM	*	MALUS PUMILA	5	UPL	Ad TREE	APPLE
OENBIE	0	Oenothera biennis	3	FACU	Nt B-FORB	COMMON EVENING PRIMROSE
OXASTR	0	Oxalis stricta	5	UPL	Nt P-FORB	COMMON WOOD SORREL
PARQUI	2	Parthenocissus quinquefolia	1	FAC-	Nt W-VINE	VIRGINIA CREEPER
PHLPRA	*	PHLEUM PRATENSE	3	FACU	Ad P-GRASS	TIMOTHY
PILPUM	5	Pilea pumila	-3	FACW	Nt A-FORB	CLEARWEED
PINSTR	9	Pinus strobus	3	FACU	Nt TREE	WHITE PINE
POPDEL	2	Populus deltoides	-1	FAC+	Nt TREE	EASTERN COTTONWOOD
QUEMAC	5	Quercus macrocarpa	1	FAC-	Nt TREE	BUR OAK
RHACAT	*	RHAMNUS CATHARTICA	3	FACU	Ad SHRUB	COMMON BUCKTHORN
RIBMIS	5	Ribes missouriense	5	UPL	Nt SHRUB	WILD GOOSEBERRY
ROSCAR	5	Rosa carolina	4	FACU-	Nt SHRUB	PASTURE ROSE
ROSMUL	*	ROSA MULTIFLORA	3	FACU	Ad SHRUB	MULTIFLORA ROSE
RUBOCC	2	Rubus occidentalis	5	UPL	Nt SHRUB	BLACK RASPBERRY
SOLCAN	1	Solidago canadensis	3	FACU	Nt P-FORB	CANADA GOLDENROD
ULMAME	3	Ulmus americana	-2	FACW-	Nt TREE	AMERICAN ELM
VIBOPU	*	VIBURNUM OPULUS	3	[FACU]	Ad SHRUB	EUROPEAN HIGHBUSH CRANBERRY
VIOSOR	3	Viola sororia	1	FAC-	Nt P-FORB	COMMON BLUE VIOLET

SITE Skokie River South Nature Preserve
LOCALE VII - Old field / restored prairie
DATE 9/2/2011
BY WWS, MJD

FLORISTIC QUALITY DATA				NATIVE			ADVENTIVE	
17	Native Species	2	Tree	8.0%	0	Tree	0.0%
25	Total Species	1	Shrub	4.0%	1	Shrub	4.0%
3.71	Native Mean C	1	W-Vine	4.0%	1	W-Vine	4.0%
2.52	w/Adventives	0	H-Vine	0.0%	0	H-Vine	0.0%
15.28	Native FQI	11	P-Forb	44.0%	2	P-Forb	8.0%
12.60	w/Adventives	0	B-Forb	0.0%	1	B-Forb	4.0%
1.76	Native W	0	A-Forb	0.0%	0	A-Forb	0.0%
1.96	w/Adventives	2	P-Grass	8.0%	3	P-Grass	12.0%
		0	A-Grass	0.0%	0	A-Grass	0.0%
		0	P-Sedge	0.0%	0	P-Sedge	0.0%
		0	A-Sedge	0.0%	0	A-Sedge	0.0%
		0	Cryptogam	0.0%			

ACRONYM	C	SCIENTIFIC NAME	W	WETNESS	PHYSIOG.	COMMON NAME
AGRREP	*	AGROPYRON REPENS	3	FACU	Ad P-GRASS	QUACK GRASS
ALLCER	7	Allium cernuum	1	[FAC-]	Nt P-FORB	NODDING WILD ONION
ANDGER	5	Andropogon gerardii	1	FAC-	Nt P-GRASS	BIG BLUESTEM GRASS
ASTERI	5	Aster ericoides	4	FACU-	Nt P-FORB	HEATH ASTER
CELORB	*	CELASTRUS ORBICULATUS	5	UPL	Ad W-VINE	ORIENTAL BITTERSWEET
CIRARV	*	CIRSIUM ARVENSE	5	UPL	Ad P-FORB	FIELD THISTLE
CORRAC	1	Cornus racemosa	-2	FACW-	Nt SHRUB	GRAY DOGWOOD
DAUCAR	*	DAUCUS CAROTA	5	UPL	Ad B-FORB	QUEEN ANNE'S LACE
FRAPES	1	Fraxinus pennsylvanica subintegerrima	0	FAC	Nt TREE	GREEN ASH
JUGNIG	5	Juglans nigra	3	FACU	Nt TREE	BLACK WALNUT
LONTAT	*	LONICERA TATARICA	5	[UPL]	Ad SHRUB	TARTARIAN HONEYSUCKLE
MONFIS	4	Monarda fistulosa	3	FACU	Nt P-FORB	WILD BERGAMOT
PHAARU	*	PHALARIS ARUNDINACEA	-4	FACW+	Ad P-GRASS	REED CANARY GRASS
POAPRA	*	POA PRATENSIS	1	FAC-	Ad P-GRASS	KENTUCKY BLUE GRASS
RUDHIR	1	Rudbeckia hirta	3	FACU	Nt P-FORB	BLACK-EYED SUSAN
RUMCRI	*	RUMEX CRISPUS	-1	FAC+	Ad P-FORB	CURLY DOCK
SILINI	5	Silphium integrifolium	5	UPL	Nt P-FORB	ROSIN WEED
SILLAC	5	Silphium laciniatum	5	UPL	Nt P-FORB	COMPASS PLANT
SILTER	5	Silphium terebinthinaceum	3	FACU	Nt P-FORB	PRAIRIE DOCK
SOLCAN	1	Solidago canadensis	3	FACU	Nt P-FORB	CANADA GOLDENROD
SOLGIG	4	Solidago gigantea	-3	FACW	Nt P-FORB	LATE GOLDENROD
SOLGRN	3	Solidago graminifolia nuttallii	0	[FAC]	Nt P-FORB	HAIRY GRASS-LEAVED GOLDENROD
SOLRIG	4	Solidago rigida	4	FACU-	Nt P-FORB	STIFF GOLDENROD
SORNUT	5	Sorghastrum nutans	2	FACU+	Nt P-GRASS	INDIAN GRASS
VITRIP	2	Vitis riparia	-2	FACW-	Nt W-VINE	RIVERBANK GRAPE

SITE Skokie River South Nature Preserve
LOCALE VIII - Tallgrass Dominated Mesic Prairie
DATE 9/2/2011
BY WWS, MJD

FLORISTIC QUALITY DATA				NATIVE		ADVENTIVE	
45	Native Species	6	Tree	11.8%	0	Tree	0.0%
51	Total Species	3	Shrub	5.9%	3	Shrub	5.9%
4.33	Native Mean C	1	W-Vine	2.0%	0	W-Vine	0.0%
3.82	w/Adventives	0	H-Vine	0.0%	0	H-Vine	0.0%
29.07	Native FQI	28	P-Forb	54.9%	2	P-Forb	3.9%
27.31	w/Adventives	0	B-Forb	0.0%	1	B-Forb	2.0%
1.00	Native W	0	A-Forb	0.0%	0	A-Forb	0.0%
1.20	w/Adventives	4	P-Grass	7.8%	0	P-Grass	0.0%
		0	A-Grass	0.0%	0	A-Grass	0.0%
		2	P-Sedge	3.9%	0	P-Sedge	0.0%
		0	A-Sedge	0.0%	0	A-Sedge	0.0%
		1	Cryptogam	2.0%			

ACRONYM	C	SCIENTIFIC NAME	W	WETNESS	PHYSIOG.	COMMON NAME
ANDGER	5	Andropogon gerardii	1	FAC-	Nt P-GRASS	BIG BLUESTEM GRASS
ANDSCO	5	Andropogon scoparius	4	FACU-	Nt P-GRASS	LITTLE BLUESTEM GRASS
ASCSYR	0	Asclepias syriaca	5	UPL	Nt P-FORB	COMMON MILKWEED
ASTERI	5	Aster ericoides	4	FACU-	Nt P-FORB	HEATH ASTER
ASTNOV	4	Aster novae-angliae	-3	FACW	Nt P-FORB	NEW ENGLAND ASTER
ASTSAD	2	Aster sagittifolius drummondii	3	[FACU]	Nt P-FORB	DRUMMOND'S ASTER
BOLLAR	9	Boltonia latisquama recognita	-5	[OBL]	Nt P-FORB	FALSE ASTER
CEAAME	6	Ceanothus americanus	5	UPL	Nt SHRUB	NEW JERSEY TEA
CICINT	*	CICHORIUM INTYBUS	5	UPL	Ad P-FORB	CHICORY
CORRAC	1	Cornus racemosa	-2	FACW-	Nt SHRUB	GRAY DOGWOOD
CRAMOL	2	Crataegus mollis	4	FACU-	Nt TREE	DOWNY HAWTHORN
CXBEBB	6	Carex bebbii	-5	OBL	Nt P-SEDGE	BEBB'S OVAL SEDGE
DAUCAR	*	DAUCUS CAROTA	5	UPL	Ad B-FORB	QUEEN ANNE'S LACE
DESCAA	4	Desmodium canadense	1	FAC-	Nt P-FORB	SHOWY TICK TREFOIL
ECHPAL	8	Echinacea pallida	5	UPL	Nt P-FORB	PURPLE CONEFLOWER
ECHPUR	3	Echinacea purpurea	5	UPL	Nt P-FORB	BROAD-LEAVED PURPLE CONEFLOWER
EQUARV	0	Equisetum arvense	0	FAC	CRYPTOGAM	HORSETAIL
ERYYUC	9	Eryngium yuccifolium	-1	FAC+	Nt P-FORB	RATTLESNAKE MASTER
FRAPES	1	Fraxinus pennsylvanica subintegerrima	0	FAC	Nt TREE	GREEN ASH
GENAND	8	Gentiana andrewsii	-3	FACW	Nt P-FORB	BOTTLE GENTIAN
HELGRO	2	Helianthus grosseserratus	-2	FACW-	Nt P-FORB	SAWTOOTH SUNFLOWER
LESCAP	4	Lespedeza capitata	3	FACU	Nt P-FORB	ROUND-HEADED BUSH CLOVER
LIAPYC	8	Liatris pycnostachya	1	FAC-	Nt P-FORB	PRAIRIE BLAZING STAR
LONTAT	*	LONICERA TATARICA	5	[UPL]	Ad SHRUB	TARTARIAN HONEYSUCKLE
LYTALA	7	Lythrum alatum	-5	OBL	Nt P-FORB	WINGED LOOSESTRIFE
MONFIS	4	Monarda fistulosa	3	FACU	Nt P-FORB	WILD BERGAMOT
PANVIR	5	Panicum virgatum	-1	FAC+	Nt P-GRASS	SWITCH GRASS
PENDIG	4	Penstemon digitalis	1	FAC-	Nt P-FORB	FOXGLOVE BEARD TONGUE
POPDEL	2	Populus deltoides	-1	FAC+	Nt TREE	EASTERN COTTONWOOD
PYCVIR	5	Pycnanthemum virginianum	-4	FACW+	Nt P-FORB	COMMON MOUNTAIN MINT
QUEMAC	5	Quercus macrocarpa	1	FAC-	Nt TREE	BUR OAK
QUEPAA	4	Quercus X palaeolithicola	5	UPL	Nt TREE	
RATPIN	4	Ratibida pinnata	5	UPL	Nt P-FORB	YELLOW CONEFLOWER
RHACAT	*	RHAMNUS CATHARTICA	3	FACU	Ad SHRUB	COMMON BUCKTHORN
RHAFRA	*	RHAMNUS FRANGULA	-1	FAC+	Ad SHRUB	GLOSSY BUCKTHORN
RUBOCC	2	Rubus occidentalis	5	UPL	Nt SHRUB	BLACK RASPBERRY
RUDHIR	1	Rudbeckia hirta	3	FACU	Nt P-FORB	BLACK-EYED SUSAN
RUDSUB	9	Rudbeckia subtomentosa	2	FACU+	Nt P-FORB	SWEET BLACK-EYED SUSAN
RUMCRI	*	RUMEX CRISPUS	-1	FAC+	Ad P-FORB	CURLY DOCK
SALNIG	4	Salix nigra	-5	OBL	Nt TREE	BLACK WILLOW
SCIATR	4	Scirpus atrovirens	-5	OBL	Nt P-SEDGE	DARK GREEN RUSH
SILINI	5	Silphium integrifolium	5	UPL	Nt P-FORB	ROSIN WEED
SILLAC	5	Silphium laciniatum	5	UPL	Nt P-FORB	COMPASS PLANT
SOLCAN	1	Solidago canadensis	3	FACU	Nt P-FORB	CANADA GOLDENROD
SOLGRN	3	Solidago graminifolia nuttallii	0	[FAC]	Nt P-FORB	HAIRY GRASS-LEAVED GOLDENROD
SOLNEM	4	Solidago nemoralis	5	UPL	Nt P-FORB	OLD-FIELD GOLDENROD
SOLRIG	4	Solidago rigida	4	FACU-	Nt P-FORB	STIFF GOLDENROD
SORNUT	5	Sorghastrum nutans	2	FACU+	Nt P-GRASS	INDIAN GRASS
VERVIR	7	Veronicastrum virginicum	0	FAC	Nt P-FORB	CULVER'S ROOT
VITRIP	2	Vitis riparia	-2	FACW-	Nt W-VINE	RIVERBANK GRAPE
ZIZAUR	7	Zizia aurea	-1	FAC+	Nt P-FORB	GOLDEN ALEXANDERS

SITE Skokie River South Nature Preserve
LOCALE IX -Aspen Woods
DATE 9/2/2011
BY WWS, MJD

FLORISTIC QUALITY DATA			NATIVE		ADVENTIVE	
25	Native Species	4	Tree	10.8%	0	Tree	0.0%
37	Total Species	2	Shrub	5.4%	2	Shrub	5.4%
2.60	Native Mean C	1	W-Vine	2.7%	1	W-Vine	2.7%
1.76	w/Adventives	0	H-Vine	0.0%	0	H-Vine	0.0%
13.00	Native FQI	12	P-Forb	32.4%	3	P-Forb	8.1%
10.69	w/Adventives	0	B-Forb	0.0%	3	B-Forb	8.1%
0.52	Native W	2	A-Forb	5.4%	1	A-Forb	2.7%
1.22	w/Adventives	2	P-Grass	5.4%	2	P-Grass	5.4%
		1	A-Grass	2.7%	0	A-Grass	0.0%
		1	P-Sedge	2.7%	0	P-Sedge	0.0%
		0	A-Sedge	0.0%	0	A-Sedge	0.0%
		0	Cryptogam	0.0%			

ACRONYM	C	SCIENTIFIC NAME	W	WETNESS	PHYSIOG.	COMMON NAME
AGRALA	*	AGROSTIS ALBA	-3	FACW	Ad P-GRASS	REDTOP
ARCMIN	*	ARCTIUM MINUS	5	UPL	Ad B-FORB	COMMON BURDOCK
ASTLAT	4	Aster lateriflorus	-2	FACW-	Nt P-FORB	SIDE-FLOWERING ASTER
ASTPIL	0	Aster pilosus	2	FACU+	Nt P-FORB	HAIRY ASTER
ASTSAD	2	Aster sagittifolius drummondii	3	[FACU]	Nt P-FORB	DRUMMOND'S ASTER
CIRARV	*	CIRSIUM ARVENSE	5	UPL	Ad P-FORB	FIELD THISTLE
CIRLUC	1	Circaea lutetiana canadensis	3	FACU	Nt P-FORB	ENCHANTER'S NIGHTSHADE
CIRVUL	*	CIRSIUM VULGARE	4	FACU-	Ad B-FORB	BULL THISTLE
CORRAC	1	Cornus racemosa	-2	FACW-	Nt SHRUB	GRAY DOGWOOD
CXBLAN	1	Carex blanda	0	FAC	Nt P-SEDGE	COMMON WOOD SEDGE
DAUCAR	*	DAUCUS CAROTA	5	UPL	Ad B-FORB	QUEEN ANNE'S LACE
EREHIE	2	Erechtites hieracifolia	3	FACU	Nt A-FORB	FIREWEED
FRAPES	1	Fraxinus pennsylvanica subintegerrima	0	FAC	Nt TREE	GREEN ASH
FRAVIR	1	Fragaria virginiana	1	FAC-	Nt P-FORB	WILD STRAWBERRY
GEUCAN	1	Geum canadense	0	FAC	Nt P-FORB	WOOD AVENS
GLYSTR	4	Glyceria striata	-3	[FACW]	Nt P-GRASS	FOWL MANNA GRASS
HESMAT	*	HESPERIS MATRONALIS	5	UPL	Ad P-FORB	DAME'S ROCKET
HYSPAT	5	Hystrix patula	5	UPL	Nt P-GRASS	BOTTLEBRUSH GRASS
LOBSIP	6	Lobelia siphilitica	-4	FACW+	Nt P-FORB	GREAT BLUE LOBELIA
LONTAT	*	LONICERA TATARICA	5	[UPL]	Ad SHRUB	TARTARIAN HONEYSUCKLE
PANCAP	1	Panicum capillare	0	FAC	Nt A-GRASS	OLD WITCH GRASS
PINSTR	9	Pinus strobus	3	FACU	Nt TREE	WHITE PINE
POAPRA	*	POA PRATENSIS	1	FAC-	Ad P-GRASS	KENTUCKY BLUE GRASS
POPTRE	4	Populus tremuloides	0	FAC	Nt TREE	QUAKING ASPEN
POTNOR	0	Potentilla norvegica	0	FAC	Nt A-FORB	NORWAY CINQUEFOIL
PRUVLA	0	Prunella vulgaris lanceolata	3	[FACU]	Nt P-FORB	SELF HEAL
QUEMAC	5	Quercus macrocarpa	1	FAC-	Nt TREE	BUR OAK
RHACAT	*	RHAMNUS CATHARTICA	3	FACU	Ad SHRUB	COMMON BUCKTHORN
RUBOCC	2	Rubus occidentalis	5	UPL	Nt SHRUB	BLACK RASPBERRY
RUMCRI	*	RUMEX CRISPUS	-1	FAC+	Ad P-FORB	CURLY DOCK
SILPER	5	Silphium perfoliatum	-2	FACW-	Nt P-FORB	CUP PLANT
SOLCAN	1	Solidago canadensis	3	FACU	Nt P-FORB	CANADA GOLDENROD
SOLDUL	*	SOLANUM DULCAMARA	0	FAC	Ad W-VINE	BITTERSWEET NIGHTSHADE
SOLGRN	3	Solidago graminifolia nuttallii	0	[FAC]	Nt P-FORB	HAIRY GRASS-LEAVED GOLDENROD
SONASP	*	SONCHUS ASPER	3	[FACU]	Ad A-FORB	SPINY SOW THISTLE
VERHAS	4	Verbena hastata	-4	FACW+	Nt P-FORB	BLUE VERVAIN
VITRIP	2	Vitis riparia	-2	FACW-	Nt W-VINE	RIVERBANK GRAPE

SITE Skokie River South Nature Preserve
LOCALE X - Central Woodland on West Side
DATE 9/2/2011
BY WWS, MJD

FLORISTIC QUALITY DATA			NATIVE			ADVENTIVE	
27	Native Species	11	Tree	31.4%	2	Tree	5.7%
35	Total Species	5	Shrub	14.3%	4	Shrub	11.4%
2.89	Native Mean C	2	W-Vine	5.7%	0	W-Vine	0.0%
2.23	w/Adventives	0	H-Vine	0.0%	0	H-Vine	0.0%
15.01	Native FQI	7	P-Forb	20.0%	1	P-Forb	2.9%
13.18	w/Adventives	0	B-Forb	0.0%	1	B-Forb	2.9%
-0.15	Native W	0	A-Forb	0.0%	0	A-Forb	0.0%
0.40	w/Adventives	1	P-Grass	2.9%	0	P-Grass	0.0%
		0	A-Grass	0.0%	0	A-Grass	0.0%
		0	P-Sedge	0.0%	0	P-Sedge	0.0%
		0	A-Sedge	0.0%	0	A-Sedge	0.0%
		1	Cryptogam	2.9%			

ACRONYM	C	SCIENTIFIC NAME	W	WETNESS	PHYSIOG.	COMMON NAME
ASTLAT	4	Aster lateriflorus	-2	FACW-	Nt P-FORB	SIDE-FLOWERING ASTER
CELOCC	3	Celtis occidentalis	1	FAC-	Nt TREE	HACKBERRY
CIRLUC	1	Circaea lutetiana canadensis	3	FACU	Nt P-FORB	ENCHANTER'S NIGHTSHADE
CORRAC	1	Cornus racemosa	-2	FACW-	Nt SHRUB	GRAY DOGWOOD
CRAMOL	2	Crataegus mollis	4	FACU-	Nt TREE	DOWNY HAWTHORN
DAUCAR	*	DAUCUS CAROTA	5	UPL	Ad B-FORB	QUEEN ANNE'S LACE
EPICOL	3	Epilobium coloratum	-5	OBL	Nt P-FORB	CINNAMON WILLOW HERB
EQUARV	0	Equisetum arvense	0	FAC	CRYPTOGAM	HORSETAIL
FRAPES	1	Fraxinus pennsylvanica subintegerrima	0	FAC	Nt TREE	GREEN ASH
FRAVIR	1	Fragaria virginiana	1	FAC-	Nt P-FORB	WILD STRAWBERRY
GEUCAN	1	Geum canadense	0	FAC	Nt P-FORB	WOOD AVENS
GLYSTR	4	Glyceria striata	-3	[FACW]	Nt P-GRASS	FOWL MANNA GRASS
IRIVIS	5	Iris virginica shrevei	-5	OBL	Nt P-FORB	BLUE FLAG
JUGNIG	5	Juglans nigra	3	FACU	Nt TREE	BLACK WALNUT
LONTAT	*	LONICERA TATARICA	5	[UPL]	Ad SHRUB	TARTARIAN HONEYSUCKLE
PARQUI	2	Parthenocissus quinquefolia	1	FAC-	Nt W-VINE	VIRGINIA CREEPER
PICMAR	*	PICEA MARIANA	-3	FACW	Ad TREE	BLACK SPRUCE
POPDEL	2	Populus deltoides	-1	FAC+	Nt TREE	EASTERN COTTONWOOD
POPTRE	4	Populus tremuloides	0	FAC	Nt TREE	QUAKING ASPEN
PRUSER	1	Prunus serotina	3	FACU	Nt TREE	WILD BLACK CHERRY
QUEPAU	8	Quercus palustris	-3	FACW	Nt TREE	PIN OAK
QUERUB	7	Quercus rubra	3	FACU	Nt TREE	RED OAK
RHACAT	*	RHAMNUS CATHARTICA	3	FACU	Ad SHRUB	COMMON BUCKTHORN
RIBMIS	5	Ribes missouriense	5	UPL	Nt SHRUB	WILD GOOSEBERRY
ROSMUL	*	ROSA MULTIFLORA	3	FACU	Ad SHRUB	MULTIFLORA ROSE
RUBALL	3	Rubus allegheniensis	2	FACU+	Nt SHRUB	COMMON BLACKBERRY
RUBOCC	2	Rubus occidentalis	5	UPL	Nt SHRUB	BLACK RASPBERRY
SALFRA	*	SALIX FRAGILIS	-1	FAC+	Ad TREE	CRACK WILLOW
SALINT	1	Salix interior	-5	OBL	Nt SHRUB	SANDBAR WILLOW
SALNIG	4	Salix nigra	-5	OBL	Nt TREE	BLACK WILLOW
SOLGRN	3	Solidago graminifolia nuttallii	0	[FAC]	Nt P-FORB	HAIRY GRASS-LEAVED GOLDENROD
TAROFF	*	TARAXACUM OFFICINALE	3	FACU	Ad P-FORB	COMMON DANDELION
ULMAME	3	Ulmus americana	-2	FACW-	Nt TREE	AMERICAN ELM
VIBOPU	*	VIBURNUM OPULUS	3	[FACU]	Ad SHRUB	EUROPEAN HIGHBUSH CRANBERRY
VITRIP	2	Vitis riparia	-2	FACW-	Nt W-VINE	RIVERBANK GRAPE

SITE Skokie River South Nature Preserve
LOCALE XI - Sedge Meadow Inclusions
DATE 9/2/2011
BY WWS, MJD

FLORISTIC QUALITY DATA			NATIVE		ADVENTIVE	
67	Native Species	4	Tree	5.6%	0	Tree	0.0%
72	Total Species	7	Shrub	9.7%	2	Shrub	2.8%
4.46	Native Mean C	1	W-Vine	1.4%	0	W-Vine	0.0%
4.15	w/Adventives	0	H-Vine	0.0%	0	H-Vine	0.0%
36.53	Native FQI	42	P-Forb	58.3%	2	P-Forb	2.8%
35.24	w/Adventives	1	B-Forb	1.4%	0	B-Forb	0.0%
-1.10	Native W	3	A-Forb	4.2%	0	A-Forb	0.0%
-0.93	w/Adventives	5	P-Grass	6.9%	1	P-Grass	1.4%
		0	A-Grass	0.0%	0	A-Grass	0.0%
		4	P-Sedge	5.6%	0	P-Sedge	0.0%
		0	A-Sedge	0.0%	0	A-Sedge	0.0%
		0	Cryptogam	0.0%			

ACRONYM		C	SCIENTIFIC NAME	W	WETNESS	PHYSIOG.	COMMON NAME
AMBTRI		0	Ambrosia trifida	-1	FAC+	Nt A-FORB	GIANT RAGWEED
ANDSCO		5	Andropogon scoparius	4	FACU-	Nt P-GRASS	LITTLE BLUESTEM GRASS
APOSIB		2	Apocynum sibiricum	-1	FAC+	Nt P-FORB	PRAIRIE INDIAN HEMP
ASPOFF		*	ASPARAGUS OFFICINALIS	3	FACU	Ad P-FORB	ASPARAGUS
ASTAZU		8	Aster azureus	5	UPL	Nt P-FORB	SKY-BLUE ASTER
ASTERI		5	Aster ericoides	4	FACU-	Nt P-FORB	HEATH ASTER
ASTNOV		4	Aster novae-angliae	-3	FACW	Nt P-FORB	NEW ENGLAND ASTER
ASTPUP		8	Aster puniceus	-5	OBL	Nt P-FORB	BRISTLY ASTER
ASTSIS		3	Aster simplex	-5	OBL	Nt P-FORB	PANICLED ASTER
BIDCER		5	Bidens cernua	-5	OBL	Nt A-FORB	NODDING BUR MARIGOLD
BOLLAR		9	Boltonia latisquama recognita	-5	[OBL]	Nt P-FORB	FALSE ASTER
CALCAN		3	Calamagrostis canadensis	-5	OBL	Nt P-GRASS	BLUE JOINT GRASS
CEAAME		6	Ceanothus americanus	5	UPL	Nt SHRUB	NEW JERSEY TEA
CIRDIS		2	Cirsium discolor	5	UPL	Nt B-FORB	PASTURE THISTLE
COROBL		6	Cornus obliqua	-4	FACW+	Nt SHRUB	BLUE-FRUITED DOGWOOD
CORRAC		1	Cornus racemosa	-2	FACW-	Nt SHRUB	GRAY DOGWOOD
CORSTO		6	Cornus stolonifera	-3	FACW	Nt SHRUB	RED-OSIER DOGWOOD
CORTRP		5	Coreopsis tripteris	0	FAC	Nt P-FORB	TALL COREOPSIS
CXPELL		4	Carex pellita	-5	OBL	Nt P-SEDGE	BROAD-LEAVED WOOLLY SEDGE
CXSTRI		5	Carex stricta	-5	OBL	Nt P-SEDGE	COMMON TUSSOCK SEDGE
ELEERY		2	Eleocharis erythropoda	-5	OBL	Nt P-SEDGE	RED-ROOTED SPIKE RUSH
ERYYUC		9	Eryngium yuccifolium	-1	FAC+	Nt P-FORB	RATTLESNAKE MASTER
EUPCOR		2	Euphorbia corollata	5	UPL	Nt P-FORB	FLOWERING SPURGE
FRAVIR		1	Fragaria virginiana	1	FAC-	Nt P-FORB	WILD STRAWBERRY
GERMAC		4	Geranium maculatum	5	[UPL]	Nt P-FORB	WILD GERANIUM
HELAUT		5	Helenium autumnale	-4	FACW+	Nt P-FORB	SNEEZEWEED
HELGRO		2	Helianthus grosseserratus	-2	FACW-	Nt P-FORB	SAWTOOTH SUNFLOWER
IMPCAP		3	Impatiens capensis	-3	FACW	Nt A-FORB	ORANGE JEWELWEED
IRIVIS		5	Iris virginica shrevei	-5	OBL	Nt P-FORB	BLUE FLAG
JUNDUD		4	Juncus dudleyi	0	[FAC]	Nt P-FORB	DUDLEY'S RUSH
JUNTOR		4	Juncus torreyi	-3	FACW	Nt P-FORB	TORREY'S RUSH
LIAPYC		8	Liatris pycnostachya	1	FAC-	Nt P-FORB	PRAIRIE BLAZING STAR
LYTSAL		*	LYTHRUM SALICARIA	-5	OBL	Ad P-FORB	PURPLE LOOSESTRIFE
MENARV		5	Mentha arvensis villosa	-5	[OBL]	Nt P-FORB	WILD MINT
MONFIS		4	Monarda fistulosa	3	FACU	Nt P-FORB	WILD BERGAMOT
OXYRIG		7	Oxypolis rigidior	-5	OBL	Nt P-FORB	COWBANE
PANVIR		5	Panicum virgatum	-1	FAC+	Nt P-GRASS	SWITCH GRASS
PEDLAN		9	Pedicularis lanceolata	-5	[OBL]	Nt P-FORB	FEN BETONY
PHLPRA	*		PHLEUM PRATENSE	3	FACU	Ad P-GRASS	TIMOTHY
POPDEL		2	Populus deltoides	-1	FAC+	Nt TREE	EASTERN COTTONWOOD
PRUVLA		0	Prunella vulgaris lanceolata	3	[FACU]	Nt P-FORB	SELF HEAL
PYCVIR		5	Pycnanthemum virginianum	-4	FACW+	Nt P-FORB	COMMON MOUNTAIN MINT
QUEMAC		5	Quercus macrocarpa	1	FAC-	Nt TREE	BUR OAK
QUEPAU		8	Quercus palustris	-3	FACW	Nt TREE	PIN OAK
RATPIN		4	Ratibida pinnata	5	UPL	Nt P-FORB	YELLOW CONEFLOWER
RHACAT		*	RHAMNUS CATHARTICA	3	FACU	Ad SHRUB	COMMON BUCKTHORN
ROSCAR		5	Rosa carolina	4	FACU-	Nt SHRUB	PASTURE ROSE
ROSMUL		*	ROSA MULTIFLORA	3	FACU	Ad SHRUB	MULTIFLORA ROSE
SALDIS		2	Salix discolor	-3	FACW	Nt SHRUB	PUSSY WILLOW
SALINT		1	Salix interior	-5	OBL	Nt SHRUB	SANDBAR WILLOW
SALNIG		4	Salix nigra	-5	OBL	Nt TREE	BLACK WILLOW
SCICYP		6	Scirpus cyperinus	-5	OBL	Nt P-SEDGE	WOOL GRASS
SILLAC		5	Silphium laciniatum	5	UPL	Nt P-FORB	COMPASS PLANT
SILPER		5	Silphium perfoliatum	-2	FACW-	Nt P-FORB	CUP PLANT
SILTER		5	Silphium terebinthinaceum	3	FACU	Nt P-FORB	PRAIRIE DOCK
SIUSUA		7	Sium suave	-5	OBL	Nt P-FORB	TALL WATER PARSNIP
SMISTE		5	Smilacina stellata	1	FAC-	Nt P-FORB	STARRY FALSE SOLOMON'S SEAL
SOLCAN		1	Solidago canadensis	3	FACU	Nt P-FORB	CANADA GOLDENROD
SOLGIG		4	Solidago gigantea	-3	FACW	Nt P-FORB	LATE GOLDENROD
SOLGRN		3	Solidago graminifolia nuttallii	0	[FAC]	Nt P-FORB	HAIRY GRASS-LEAVED GOLDENROD
SOLNEM		4	Solidago nemoralis	5	UPL	Nt P-FORB	OLD-FIELD GOLDENROD
SOLOHI		9	Solidago ohioensis	-5	OBL	Nt P-FORB	OHIO GOLDENROD
SOLRID		7	Solidago riddellii	-5	OBL	Nt P-FORB	RIDDELL'S GOLDENROD
SOLRIG		4	Solidago rigida	4	FACU-	Nt P-FORB	STIFF GOLDENROD
SORNUT		5	Sorghastrum nutans	2	FACU+	Nt P-GRASS	INDIAN GRASS
SPAPEC		4	Spartina pectinata	-4	FACW+	Nt P-GRASS	PRAIRIE CORD GRASS
TRAOHI		2	Tradescantia ohiensis	2	FACU+	Nt P-FORB	COMMON SPIDERWORT
TYPLAT		1	Typha latifolia	-5	OBL	Nt P-FORB	BROAD-LEAVED CATTAIL

VERHAS	4	Verbena hastata	-4	FACW+	Nt P-FORB	BLUE VERVAIN
VERVIR	7	Veronicastrum virginicum	0	FAC	Nt P-FORB	CULVER'S ROOT
VITRIP	2	Vitis riparia	-2	FACW-	Nt W-VINE	RIVERBANK GRAPE
ZIZAUR	7	Zizia aurea	-1	FAC+	Nt P-FORB	GOLDEN ALEXANDERS

SITE Skokie River South Nature Preserve
LOCALE XII - Southwest Woodland
DATE 9/2/2011
BY WWS, MJD

FLORISTIC QUALITY DATA				NATIVE	53.8%		ADVENTIVE	46.2%
7	Native Species	4	Tree	30.8%	3	Tree	23.1%
13	Total Species	1	Shrub	7.7%	2	Shrub	15.4%
2.14	Native Mean C	2	W-Vine	15.4%	0	W-Vine	0.0%
1.15	w/Adventives	0	H-Vine	0.0%	0	H-Vine	0.0%
5.67	Native FQI	0	P-Forb	0.0%	0	P-Forb	0.0%
4.16	w/Adventives	0	B-Forb	0.0%	1	B-Forb	7.7%
-0.14	Native W	0	A-Forb	0.0%	0	A-Forb	0.0%
1.15	w/Adventives	0	P-Grass	0.0%	0	P-Grass	0.0%
		0	A-Grass	0.0%	0	A-Grass	0.0%
		0	P-Sedge	0.0%	0	P-Sedge	0.0%
		0	A-Sedge	0.0%	0	A-Sedge	0.0%
		0	Cryptogam	0.0%			

ACRONYM	C	SCIENTIFIC NAME	W	WETNESS	PHYSIOG.	COMMON NAME
ACENEG	0	Acer negundo	-2	FACW-	Nt TREE	BOX ELDER
ACEPLA	*	ACER PLATANOIDES	5	UPL	Ad TREE	NORWAY MAPLE
ALLPET	*	ALLIARIA PETIOLATA	0	FAC	Ad B-FORB	GARLIC MUSTARD
FRAPES	1	Fraxinus pennsylvanica subintegerrima	0	FAC	Nt TREE	GREEN ASH
LONTAT	*	LONICERA TATARICA	5	[UPL]	Ad SHRUB	TARTARIAN HONEYSUCKLE
PARQUI	2	Parthenocissus quinquefolia	1	FAC-	Nt W-VINE	VIRGINIA CREEPER
POPDEL	2	Populus deltoides	-1	FAC+	Nt TREE	EASTERN COTTONWOOD
RHACAT	*	RHAMNUS CATHARTICA	3	FACU	Ad SHRUB	COMMON BUCKTHORN
RIBMIS	5	Ribes missouriense	5	UPL	Nt SHRUB	WILD GOOSEBERRY
ROBPSE	*	ROBINIA PSEUDOACACIA	4	FACU-	Ad TREE	BLACK LOCUST
SALFRA	*	SALIX FRAGILIS	-1	FAC+	Ad TREE	CRACK WILLOW
ULMAME	3	Ulmus americana	-2	FACW-	Nt TREE	AMERICAN ELM
VITRIP	2	Vitis riparia	-2	FACW-	Nt W-VINE	RIVERBANK GRAPE

SITE Skokie River South Nature Preserve
LOCALE XIII - Dry/Mesic Prairie
DATE 9/2/2011
BY WWS, MJD

FLORISTIC QUALITY DATA			NATIVE		ADVENTIVE	
31	Native Species	4	Tree 10.0%	1	Tree	2.5%
40	Total Species	3	Shrub 7.5%	1	Shrub	2.5%
3.42	Native Mean C	1	W-Vine 2.5%	0	W-Vine	0.0%
2.65	w/Adventives	0	H-Vine 0.0%	0	H-Vine	0.0%
19.04	Native FQI	16	P-Forb 40.0%	4	P-Forb	10.0%
16.76	w/Adventives	1	B-Forb 2.5%	2	B-Forb	5.0%
1.42	Native W	1	A-Forb 2.5%	0	A-Forb	0.0%
1.93	w/Adventives	3	P-Grass 7.5%	1	P-Grass	2.5%
		0	A-Grass 0.0%	0	A-Grass	0.0%
		1	P-Sedge 2.5%	0	P-Sedge	0.0%
		0	A-Sedge 0.0%	0	A-Sedge	0.0%
		1	Cryptogam 2.5%			

ACRONYM	C	SCIENTIFIC NAME	W	WETNESS	PHYSIOG.	COMMON NAME
ACHMIL	*	ACHILLEA MILLEFOLIUM	3	FACU	Ad P-FORB	YARROW
ANDGER	5	Andropogon gerardii	1	FAC-	Nt P-GRASS	BIG BLUESTEM GRASS
ANDSCO	5	Andropogon scoparius	4	FACU-	Nt P-GRASS	LITTLE BLUESTEM GRASS
ASCSYR	0	Asclepias syriaca	5	UPL	Nt P-FORB	COMMON MILKWEED
ASPOFF	*	ASPARAGUS OFFICINALIS	3	FACU	Ad P-FORB	ASPARAGUS
ASTERI	5	Aster ericoides	4	FACU-	Nt P-FORB	HEATH ASTER
CEAAME	6	Ceanothus americanus	5	UPL	Nt SHRUB	NEW JERSEY TEA
CHRLEP	*	CHRYSANTHEMUM LEUCANTHEMUM PINNATIFIDUM	5	UPL	Ad P-FORB	OX-EYE DAISY
CIRVUL	*	CIRSIUM VULGARE	4	FACU-	Ad B-FORB	BULL THISTLE
CORRAC	1	Cornus racemosa	-2	FACW-	Nt SHRUB	GRAY DOGWOOD
CORTRP	5	Coreopsis tripteris	0	FAC	Nt P-FORB	TALL COREOPSIS
CRAMOL	2	Crataegus mollis	4	FACU-	Nt TREE	DOWNY HAWTHORN
CXPELL	4	Carex pellita	-5	OBL	Nt P-SEDGE	BROAD-LEAVED WOOLLY SEDGE
DAUCAR	*	DAUCUS CAROTA	5	UPL	Ad B-FORB	QUEEN ANNE'S LACE
EQUARV	0	Equisetum arvense	0	FAC	CRYPTOGAM	HORSETAIL
ERIANS	0	Erigeron annuus	1	FAC-	Nt B-FORB	ANNUAL FLEABANE
FRAPES	1	Fraxinus pennsylvanica subintegerrima	0	FAC	Nt TREE	GREEN ASH
FRAVIR	1	Fragaria virginiana	1	FAC-	Nt P-FORB	WILD STRAWBERRY
GALAPA	1	Galium aparine	3	FACU	Nt A-FORB	ANNUAL BEDSTRAW
HELGRO	2	Helianthus grosseserratus	-2	FACW-	Nt P-FORB	SAWTOOTH SUNFLOWER
HYPPER	*	HYPERICUM PERFORATUM	5	UPL	Ad P-FORB	COMMON ST. JOHN'S WORT
JUGNIG	5	Juglans nigra	3	FACU	Nt TREE	BLACK WALNUT
MONFIS	4	Monarda fistulosa	3	FACU	Nt P-FORB	WILD BERGAMOT
PETPUR	9	Petalostemum purpureum	5	UPL	Nt P-FORB	PURPLE PRAIRIE CLOVER
POAPRA	*	POA PRATENSIS	1	FAC-	Ad P-GRASS	KENTUCKY BLUE GRASS
POPDEL	2	Populus deltoides	-1	FAC+	Nt TREE	EASTERN COTTONWOOD
PRUVLA	0	Prunella vulgaris lanceolata	3	[FACU]	Nt P-FORB	SELF HEAL
PYCVIR	5	Pycnanthemum virginianum	-4	FACW+	Nt P-FORB	COMMON MOUNTAIN MINT
RHACAT	*	RHAMNUS CATHARTICA	3	FACU	Ad SHRUB	COMMON BUCKTHORN
ROBPSE	*	ROBINIA PSEUDOACACIA	4	FACU-	Ad TREE	BLACK LOCUST
ROSCAR	5	Rosa carolina	4	FACU-	Nt SHRUB	PASTURE ROSE
RUDHIR	1	Rudbeckia hirta	3	FACU	Nt P-FORB	BLACK-EYED SUSAN
RUDSUB	9	Rudbeckia subtomentosa	2	FACU+	Nt P-FORB	SWEET BLACK-EYED SUSAN
SILTER	5	Silphium terebinthinaceum	3	FACU	Nt P-FORB	PRAIRIE DOCK
SOLCAN	1	Solidago canadensis	3	FACU	Nt P-FORB	CANADA GOLDENROD
SOLGIG	4	Solidago gigantea	-3	FACW	Nt P-FORB	LATE GOLDENROD
SOLRIG	4	Solidago rigida	4	FACU-	Nt P-FORB	STIFF GOLDENROD
SORNUT	5	Sorghastrum nutans	2	FACU+	Nt P-GRASS	INDIAN GRASS
VERVIR	7	Veronicastrum virginicum	0	FAC	Nt P-FORB	CULVER'S ROOT
VITRIP	2	Vitis riparia	-2	FACW-	Nt W-VINE	RIVERBANK GRAPE

SITE Skokie River South Nature Preserve
LOCALE XIV - Swale
DATE 9/2/2011
BY WWS, MJD

FLORISTIC QUALITY DATA								
			NATIVE	94.4%		ADVENTIVE	5.6%
17	Native Species	2	Tree	11.1%	0	Tree	0.0%
18	Total Species	1	Shrub	5.6%	0	Shrub	0.0%
4.29	Native Mean C	1	W-Vine	5.6%	0	W-Vine	0.0%
4.06	w/Adventives	0	H-Vine	0.0%	0	H-Vine	0.0%
17.71	Native FQI	9	P-Forb	50.0%	1	P-Forb	5.6%
17.21	w/Adventives	0	B-Forb	0.0%	0	B-Forb	0.0%
-2.65	Native W	0	A-Forb	0.0%	0	A-Forb	0.0%
-2.33	w/Adventives	2	P-Grass	11.1%	0	P-Grass	0.0%
		0	A-Grass	0.0%	0	A-Grass	0.0%
		2	P-Sedge	11.1%	0	P-Sedge	0.0%
		0	A-Sedge	0.0%	0	A-Sedge	0.0%
		0	Cryptogam	0.0%			

ACRONYM	C	SCIENTIFIC NAME	W	WETNESS	PHYSIOG.	COMMON NAME
ACHMIL	*	ACHILLEA MILLEFOLIUM	3	FACU	Ad P-FORB	YARROW
ASTPUP	8	Aster puniceus	-5	OBL	Nt P-FORB	BRISTLY ASTER
CXBEBB	6	Carex bebbii	-5	OBL	Nt P-SEDGE	BEBB'S OVAL SEDGE
HELGRO	2	Helianthus grosseserratus	-2	FACW-	Nt P-FORB	SAWTOOTH SUNFLOWER
JUNDUD	4	Juncus dudleyi	0	[FAC]	Nt P-FORB	DUDLEY'S RUSH
LOBSIP	6	Lobelia siphilitica	-4	FACW+	Nt P-FORB	GREAT BLUE LOBELIA
MENARV	5	Mentha arvensis villosa	-5	[OBL]	Nt P-FORB	WILD MINT
PANVIR	5	Panicum virgatum	-1	FAC+	Nt P-GRASS	SWITCH GRASS
POPDEL	2	Populus deltoides	-1	FAC+	Nt TREE	EASTERN COTTONWOOD
PYCVIR	5	Pycnanthemum virginianum	-4	FACW+	Nt P-FORB	COMMON MOUNTAIN MINT
SALINT	1	Salix interior	-5	OBL	Nt SHRUB	SANDBAR WILLOW
SALNIG	4	Salix nigra	-5	OBL	Nt TREE	BLACK WILLOW
SCIATR	4	Scirpus atrovirens	-5	OBL	Nt P-SEDGE	DARK GREEN RUSH
SILTER	5	Silphium terebinthinaceum	3	FACU	Nt P-FORB	PRAIRIE DOCK
SOLGRN	3	Solidago graminifolia nuttallii	0	[FAC]	Nt P-FORB	HAIRY GRASS-LEAVED GOLDENROD
SPAPEC	4	Spartina pectinata	-4	FACW+	Nt P-GRASS	PRAIRIE CORD GRASS
VERVIR	7	Veronicastrum virginicum	0	FAC	Nt P-FORB	CULVER'S ROOT
VITRIP	2	Vitis riparia	-2	FACW-	Nt W-VINE	RIVERBANK GRAPE

SITE Skokie River South Nature Preserve
LOCALE Total Site Species 2011
DATE 9/2/2011
BY WWS, MJD

FLORISTIC QUALITY DATA								
135	Native Species	16	Tree	9.1%	6	Tree	3.4%
175	Total Species	13	Shrub	7.4%	8	Shrub	4.6%
4.11	Native Mean C	2	W-Vine	1.1%	2	W-Vine	1.1%
3.17	w/Adventives	0	H-Vine	0.0%	0	H-Vine	0.0%
47.77	Native FQI	71	P-Forb	40.6%	13	P-Forb	7.4%
41.95	w/Adventives	3	B-Forb	1.7%	4	B-Forb	2.3%
-0.04	Native W	8	A-Forb	4.6%	1	A-Forb	0.6%
0.60	w/Adventives	11	P-Grass	6.3%	6	P-Grass	3.4%
		1	A-Grass	0.6%	0	A-Grass	0.0%
		9	P-Sedge	5.1%	0	P-Sedge	0.0%
		0	A-Sedge	0.0%	0	A-Sedge	0.0%
		1	Cryptogam	0.6%			

ACRONYM		C	SCIENTIFIC NAME	W	WETNESS	PHYSIOG.	COMMON NAME
ACENEG		0	Acer negundo	-2	FACW-	Nt TREE	BOX ELDER
ACEPLA		*	ACER PLATANOIDES	5	UPL	Ad TREE	NORWAY MAPLE
ACHMIL		*	ACHILLEA MILLEFOLIUM	3	FACU	Ad P-FORB	YARROW
AGRALA		*	AGROSTIS ALBA	-3	FACW	Ad P-GRASS	REDTOP
AGRGRY		2	Agrimonia gryposepala	2	FACU+	Nt P-FORB	TALL AGRIMONY
AGRREP		*	AGROPYRON REPENS	3	FACU	Ad P-GRASS	QUACK GRASS
ALLCER		7	Allium cernuum	1	[FAC-]	Nt P-FORB	NODDING WILD ONION
ALLPET		*	ALLIARIA PETIOLATA	0	FAC	Ad B-FORB	GARLIC MUSTARD
AMBTRI		0	Ambrosia trifida	-1	FAC+	Nt A-FORB	GIANT RAGWEED
ANDGER		5	Andropogon gerardii	1	FAC-	Nt P-GRASS	BIG BLUESTEM GRASS
ANDSCO		5	Andropogon scoparius	4	FACU-	Nt P-GRASS	LITTLE BLUESTEM GRASS
APOSIB		2	Apocynum sibiricum	-1	FAC+	Nt P-FORB	PRAIRIE INDIAN HEMP
ARCMIN		*	ARCTIUM MINUS	5	UPL	Ad B-FORB	COMMON BURDOCK
ASCSYR		0	Asclepias syriaca	5	UPL	Nt P-FORB	COMMON MILKWEED
ASPOFF		*	ASPARAGUS OFFICINALIS	3	FACU	Ad P-FORB	ASPARAGUS
ASTAZU		8	Aster azureus	5	UPL	Nt P-FORB	SKY-BLUE ASTER
ASTERI		5	Aster ericoides	4	FACU-	Nt P-FORB	HEATH ASTER
ASTLAT		4	Aster lateriflorus	-2	FACW-	Nt P-FORB	SIDE-FLOWERING ASTER
ASTNOV		4	Aster novae-angliae	-3	FACW	Nt P-FORB	NEW ENGLAND ASTER
ASTPIL		0	Aster pilosus	2	FACU+	Nt P-FORB	HAIRY ASTER
ASTPUP		8	Aster puniceus	-5	OBL	Nt P-FORB	BRISTLY ASTER
ASTSAD		2	Aster sagittifolius drummondii	3	[FACU]	Nt P-FORB	DRUMMOND'S ASTER
ASTSIS		3	Aster simplex	-5	OBL	Nt P-FORB	PANICLED ASTER
BERTHU		*	BERBERIS THUNBERGII	4	FACU-	Ad SHRUB	JAPANESE BARBERRY
BIDCER		5	Bidens cernua	-5	OBL	Nt A-FORB	NODDING BUR MARIGOLD
BOLLAR		9	Boltonia latisquama recognita	-5	[OBL]	Nt P-FORB	FALSE ASTER
BROINE		*	BROMUS INERMIS	5	UPL	Ad P-GRASS	HUNGARIAN BROME
BROPUB		5	Bromus pubescens	2	FACU+	Nt P-GRASS	WOODLAND BROME
CACSUA		10	Cacalia suaveolens	-5	OBL	Nt P-FORB	SWEET INDIAN PLANTAIN
CALCAN		3	Calamagrostis canadensis	-5	OBL	Nt P-GRASS	BLUE JOINT GRASS
CEAAME		6	Ceanothus americanus	5	UPL	Nt SHRUB	NEW JERSEY TEA
CELOCC		3	Celtis occidentalis	1	FAC-	Nt TREE	HACKBERRY
CELORB		*	CELASTRUS ORBICULATUS	5	UPL	Ad W-VINE	ORIENTAL BITTERSWEET
CERCAN		10	Cercis canadensis	3	FACU	Nt TREE	REDBUD
CHRLEP		*	CHRYSANTHEMUM LEUCANTHEMUM PINNATIFIDUM	5	UPL	Ad P-FORB	OX-EYE DAISY
CICINT		*	CICHORIUM INTYBUS	5	UPL	Ad P-FORB	CHICORY
CIRARV		*	CIRSIUM ARVENSE	5	UPL	Ad P-FORB	FIELD THISTLE
CIRDIS		2	Cirsium discolor	5	UPL	Nt B-FORB	PASTURE THISTLE
CIRLUC		1	Circaea lutetiana canadensis	3	FACU	Nt P-FORB	ENCHANTER'S NIGHTSHADE
CIRVUL		*	CIRSIUM VULGARE	4	FACU-	Ad B-FORB	BULL THISTLE
CONMAJ		*	CONVALLARIA MAJALIS	5	UPL	Ad P-FORB	LILY-OF-THE-VALLEY
CORAME		5	Corylus americana	4	FACU-	Nt SHRUB	AMERICAN HAZELNUT
COROBL		6	Cornus obliqua	-4	FACW+	Nt SHRUB	BLUE-FRUITED DOGWOOD
CORRAC		1	Cornus racemosa	-2	FACW-	Nt SHRUB	GRAY DOGWOOD
CORSTO		6	Cornus stolonifera	-3	FACW	Nt SHRUB	RED-OSIER DOGWOOD
CORTRP		5	Coreopsis tripteris	0	FAC	Nt P-FORB	TALL COREOPSIS
CRAMOL		2	Crataegus mollis	4	FACU-	Nt TREE	DOWNY HAWTHORN
CXBEBB		6	Carex bebbii	-5	OBL	Nt P-SEDGE	BEBB'S OVAL SEDGE
CXBLAN		1	Carex blanda	0	FAC	Nt P-SEDGE	COMMON WOOD SEDGE
CXPELL		4	Carex pellita	-5	OBL	Nt P-SEDGE	BROAD-LEAVED WOOLLY SEDGE
CXPENS		5	Carex pensylvanica	5	UPL	Nt P-SEDGE	COMMON OAK SEDGE
CXSTRI		5	Carex stricta	-5	OBL	Nt P-SEDGE	COMMON TUSSOCK SEDGE
CXVULP		2	Carex vulpinoidea	-5	OBL	Nt P-SEDGE	BROWN FOX SEDGE
DAUCAR	*		DAUCUS CAROTA	5	UPL	Ad B-FORB	QUEEN ANNE'S LACE
DESCAA		4	Desmodium canadense	1	FAC-	Nt P-FORB	SHOWY TICK TREFOIL
ECHPAL		8	Echinacea pallida	5	UPL	Nt P-FORB	PURPLE CONEFLOWER
ECHPUR		3	Echinacea purpurea	5	UPL	Nt P-FORB	BROAD-LEAVED PURPLE CONEFLOWER
ELAANG		*	ELAEAGNUS ANGUSTIFOLIA	4	FACU-	Ad SHRUB	RUSSIAN OLIVE
ELEERY		2	Eleocharis erythropoda	-5	OBL	Nt P-SEDGE	RED-ROOTED SPIKE RUSH
ELYVIR		4	Elymus virginicus	-2	FACW-	Nt P-GRASS	VIRGINIA WILD RYE
EPICOL		3	Epilobium coloratum	-5	OBL	Nt P-FORB	CINNAMON WILLOW HERB
EQUARV		0	Equisetum arvense	0	FAC	CRYPTOGAM	HORSETAIL
EREHIE		2	Erechtites hieracifolia	3	FACU	Nt A-FORB	FIREWEED
ERIANS		0	Erigeron annuus	1	FAC-	Nt B-FORB	ANNUAL FLEABANE
ERYYUC		9	Eryngium yuccifolium	-1	FAC+	Nt P-FORB	RATTLESNAKE MASTER
EUPCOR		2	Euphorbia corollata	5	UPL	Nt P-FORB	FLOWERING SPURGE
EUPRUG		4	Eupatorium rugosum	5	UPL	Nt P-FORB	WHITE SNAKEROOT
FRAPES		1	Fraxinus pennsylvanica subintegerrima	0	FAC	Nt TREE	GREEN ASH
FRAVIR		1	Fragaria virginiana	1	FAC-	Nt P-FORB	WILD STRAWBERRY
GALAPA		1	Galium aparine	3	FACU	Nt A-FORB	ANNUAL BEDSTRAW

GENAND	8	Gentiana andrewsii	-3	FACW	Nt P-FORB	BOTTLE GENTIAN
GERMAC	4	Geranium maculatum	5	[UPL]	Nt P-FORB	WILD GERANIUM
GEUCAN	1	Geum canadense	0	FAC	Nt P-FORB	WOOD AVENS
GLYSTR	4	Glyceria striata	-3	[FACW]	Nt P-GRASS	FOWL MANNA GRASS
HELAUT	5	Helenium autumnale	-4	FACW+	Nt P-FORB	SNEEZEWEED
HELGRO	2	Helianthus grosseserratus	-2	FACW-	Nt P-FORB	SAWTOOTH SUNFLOWER
HESMAT	*	HESPERIS MATRONALIS	5	UPL	Ad P-FORB	DAME'S ROCKET
HEURIC	8	Heuchera richardsonii	1	FAC-	Nt P-FORB	PRAIRIE ALUM ROOT
HYPPER	*	HYPERICUM PERFORATUM	5	UPL	Ad P-FORB	COMMON ST. JOHN'S WORT
HYSPAT	5	Hystrix patula	5	UPL	Nt P-GRASS	BOTTLEBRUSH GRASS
IMPCAP	3	Impatiens capensis	-3	FACW	Nt A-FORB	ORANGE JEWELWEED
IRIVIS	5	Iris virginica shrevei	-5	OBL	Nt P-FORB	BLUE FLAG
JUGNIG	5	Juglans nigra	3	FACU	Nt TREE	BLACK WALNUT
JUNDUD	4	Juncus dudleyi	0	[FAC]	Nt P-FORB	DUDLEY'S RUSH
JUNTOR	4	Juncus torreyi	-3	FACW	Nt P-FORB	TORREY'S RUSH
LEEVIR	7	Leersia virginica	-3	FACW	Nt P-GRASS	WHITE GRASS
LESCAP	4	Lespedeza capitata	3	FACU	Nt P-FORB	ROUND-HEADED BUSH CLOVER
LIAPYC	8	Liatris pycnostachya	1	FAC-	Nt P-FORB	PRAIRIE BLAZING STAR
LOBSIP	6	Lobelia siphilitica	-4	FACW+	Nt P-FORB	GREAT BLUE LOBELIA
LONMAA	*	LONICERA MAACKII	5	UPL	Ad SHRUB	AMUR HONEYSUCKLE
LONTAT	*	LONICERA TATARICA	5	[UPL]	Ad SHRUB	TARTARIAN HONEYSUCKLE
LYTALA	7	Lythrum alatum	-5	OBL	Nt P-FORB	WINGED LOOSESTRIFE
LYTSAL	*	LYTHRUM SALICARIA	-5	OBL	Ad P-FORB	PURPLE LOOSESTRIFE
MALPUM	*	MALUS PUMILA	5	UPL	Ad TREE	APPLE
MENARV	5	Mentha arvensis villosa	-5	[OBL]	Nt P-FORB	WILD MINT
MONFIS	4	Monarda fistulosa	3	FACU	Nt P-FORB	WILD BERGAMOT
OENBIE	0	Oenothera biennis	3	FACU	Nt B-FORB	COMMON EVENING PRIMROSE
OXASTR	0	Oxalis stricta	5	UPL	Nt P-FORB	COMMON WOOD SORREL
OXYRIG	7	Oxypolis rigidior	-5	OBL	Nt P-FORB	COWBANE
PANCAP	1	Panicum capillare	0	FAC	Nt A-GRASS	OLD WITCH GRASS
PANVIR	5	Panicum virgatum	-1	FAC+	Nt P-GRASS	SWITCH GRASS
PARQUI	2	Parthenocissus quinquefolia	1	FAC-	Nt W-VINE	VIRGINIA CREEPER
PEDLAN	9	Pedicularis lanceolata	-5	[OBL]	Nt P-FORB	FEN BETONY
PENDIG	4	Penstemon digitalis	1	FAC-	Nt P-FORB	FOXGLOVE BEARD TONGUE
PETPUR	9	Petalostemum purpureum	5	UPL	Nt P-FORB	PURPLE PRAIRIE CLOVER
PHAARU	*	PHALARIS ARUNDINACEA	-4	FACW+	Ad P-GRASS	REED CANARY GRASS
PHLPRA	*	PHLEUM PRATENSE	3	FACU	Ad P-GRASS	TIMOTHY
PICMAR	*	PICEA MARIANA	-3	FACW	Ad TREE	BLACK SPRUCE
PILPUM	5	Pilea pumila	-3	FACW	Nt A-FORB	CLEARWEED
PINSTR	9	Pinus strobus	3	FACU	Nt TREE	WHITE PINE
POAPRA	*	POA PRATENSIS	1	FAC-	Ad P-GRASS	KENTUCKY BLUE GRASS
POLGVI	2	Polygonum virginianum	0	FAC	Nt P-FORB	WOODLAND KNOTWEED
POPALB	*	POPULUS ALBA	5	UPL	Ad TREE	WHITE POPLAR
POPDEL	2	Populus deltoides	-1	FAC+	Nt TREE	EASTERN COTTONWOOD
POPTRE	4	Populus tremuloides	0	FAC	Nt TREE	QUAKING ASPEN
POTNOR	0	Potentilla norvegica	0	FAC	Nt A-FORB	NORWAY CINQUEFOIL
PRUSER	1	Prunus serotina	3	FACU	Nt TREE	WILD BLACK CHERRY
PRUVLA	0	Prunella vulgaris lanceolata	3	[FACU]	Nt P-FORB	SELF HEAL
PYCVIR	5	Pycnanthemum virginianum	-4	FACW+	Nt P-FORB	COMMON MOUNTAIN MINT
QUEMAC	5	Quercus macrocarpa	1	FAC-	Nt TREE	BUR OAK
QUEPAA	4	Quercus X palaeolithicola	5	UPL	Nt TREE	
QUEPAU	8	Quercus palustris	-3	FACW	Nt TREE	PIN OAK
QUERUB	7	Quercus rubra	3	FACU	Nt TREE	RED OAK
RATPIN	4	Ratibida pinnata	5	UPL	Nt P-FORB	YELLOW CONEFLOWER
RHACAT	*	RHAMNUS CATHARTICA	3	FACU	Ad SHRUB	COMMON BUCKTHORN
RHAFRA	*	RHAMNUS FRANGULA	-1	FAC+	Ad SHRUB	GLOSSY BUCKTHORN
RIBMIS	5	Ribes missouriense	5	UPL	Nt SHRUB	WILD GOOSEBERRY
ROBPSE	*	ROBINIA PSEUDOACACIA	4	FACU-	Ad TREE	BLACK LOCUST
ROSCAR	5	Rosa carolina	4	FACU-	Nt SHRUB	PASTURE ROSE
ROSMUL	*	ROSA MULTIFLORA	3	FACU	Ad SHRUB	MULTIFLORA ROSE
RUBALL	3	Rubus allegheniensis	2	FACU+	Nt SHRUB	COMMON BLACKBERRY
RUBOCC	2	Rubus occidentalis	5	UPL	Nt SHRUB	BLACK RASPBERRY
RUDHIR	1	Rudbeckia hirta	3	FACU	Nt P-FORB	BLACK-EYED SUSAN
RUDLAC	5	Rudbeckia laciniata	-4	FACW+	Nt P-FORB	WILD GOLDEN GLOW
RUDSUB	9	Rudbeckia subtomentosa	2	FACU+	Nt P-FORB	SWEET BLACK-EYED SUSAN
RUDTRI	3	Rudbeckia triloba	1	FAC-	Nt A-FORB	BROWN-EYED SUSAN
RUMCRI	*	RUMEX CRISPUS	-1	FAC+	Ad P-FORB	CURLY DOCK
SALDIS	2	Salix discolor	-3	FACW	Nt SHRUB	PUSSY WILLOW
SALFRA	*	SALIX FRAGILIS	-1	FAC+	Ad TREE	CRACK WILLOW
SALINT	1	Salix interior	-5	OBL	Nt SHRUB	SANDBAR WILLOW
SALNIG	4	Salix nigra	-5	OBL	Nt TREE	BLACK WILLOW
SAMCAN	1	Sambucus canadensis	-2	FACW-	Nt SHRUB	ELDERBERRY
SCIATR	4	Scirpus atrovirens	-5	OBL	Nt P-SEDGE	DARK GREEN RUSH
SCICYP	6	Scirpus cyperinus	-5	OBL	Nt P-SEDGE	WOOL GRASS
SILINI	5	Silphium integrifolium	5	UPL	Nt P-FORB	ROSIN WEED
SILLAC	5	Silphium laciniatum	5	UPL	Nt P-FORB	COMPASS PLANT
SILPER	5	Silphium perfoliatum	-2	FACW-	Nt P-FORB	CUP PLANT
SILTER	5	Silphium terebinthinaceum	3	FACU	Nt P-FORB	PRAIRIE DOCK
SIUSUA	7	Sium suave	-5	OBL	Nt P-FORB	TALL WATER PARSNIP
SMISTE	5	Smilacina stellata	1	FAC-	Nt P-FORB	STARRY FALSE SOLOMON'S SEAL
SOLCAN	1	Solidago canadensis	3	FACU	Nt P-FORB	CANADA GOLDENROD
SOLDUL	*	SOLANUM DULCAMARA	0	FAC	Ad W-VINE	BITTERSWEET NIGHTSHADE
SOLGIG	4	Solidago gigantea	-3	FACW	Nt P-FORB	LATE GOLDENROD
SOLGRN	3	Solidago graminifolia nuttallii	0	[FAC]	Nt P-FORB	HAIRY GRASS-LEAVED GOLDENROD
SOLNEM	4	Solidago nemoralis	5	UPL	Nt P-FORB	OLD-FIELD GOLDENROD
SOLOHI	9	Solidago ohioensis	-5	OBL	Nt P-FORB	OHIO GOLDENROD
SOLRID	7	Solidago riddellii	-5	OBL	Nt P-FORB	RIDDELL'S GOLDENROD
SOLRIG	4	Solidago rigida	4	FACU-	Nt P-FORB	STIFF GOLDENROD
SONASP	*	SONCHUS ASPER	3	[FACU]	Ad A-FORB	SPINY SOW THISTLE
SORNUT	5	Sorghastrum nutans	2	FACU+	Nt P-GRASS	INDIAN GRASS

SPAPEC	4	Spartina pectinata	-4	FACW+	Nt P-GRASS	PRAIRIE CORD GRASS
TAROFF	*	TARAXACUM OFFICINALE	3	FACU	Ad P-FORB	COMMON DANDELION
TRAOHI	2	Tradescantia ohiensis	2	FACU+	Nt P-FORB	COMMON SPIDERWORT
TRIPRA	*	TRIFOLIUM PRATENSE	5	UPL	Ad P-FORB	RED CLOVER
TYPLAT	1	Typha latifolia	-5	OBL	Nt P-FORB	BROAD-LEAVED CATTAIL
ULMAME	3	Ulmus americana	-2	FACW-	Nt TREE	AMERICAN ELM
VERHAS	4	Verbena hastata	-4	FACW+	Nt P-FORB	BLUE VERVAIN
VERSTR	4	Verbena stricta	5	UPL	Nt P-FORB	HOARY VERVAIN
VERVIR	7	Veronicastrum virginicum	0	FAC	Nt P-FORB	CULVER'S ROOT
VIBLEN	5	Viburnum lentago	-1	FAC+	Nt SHRUB	NANNYBERRY
VIBOPU	*	VIBURNUM OPULUS	3	[FACU]	Ad SHRUB	EUROPEAN HIGHBUSH CRANBERRY
VICCRA	*	VICIA CRACCA	5	UPL	Ad P-FORB	COW VETCH
VIOSOR	3	Viola sororia	1	FAC-	Nt P-FORB	COMMON BLUE VIOLET
VITRIP	2	Vitis riparia	-2	FACW-	Nt W-VINE	RIVERBANK GRAPE
ZIZAUR	7	Zizia aurea	-1	FAC+	Nt P-FORB	GOLDEN ALEXANDERS

Appendix C

Site Management Plan Table

Site Management Table
Skokie River South Nature Preserve

Prepared By: Applied Ecological Services, Inc.
Date: December 2011

MANAGEMENT UNIT	MANAGEMENT OBJECTIVE	MANAGEMENT ACTIVITY	SCHEDULE	PERSONNEL
Management Unit I Wet Prairie	Maintain as wet prairie with dry prairie and sedge meadow inclusions. - Restore fire regime - Control invasive and other non-native species - Eradicate early detection species - Increase native plant diversity/richness/C-value - Establish monitoring program for vegetation and early detection species - Create educational opportunities	Conduct prescribed burning every 2-3 years Cut and stump treat with herbicide non-native and aggressive woody species (dogwood species) Selectively control invasive species with herbicide (Buckthorn, multiflora rose, purple loosestrife, and timothy grass) Seed native grasses, sedges, and forbs if desired Collect seed to distribute to other areas of the property Monitor vegetation, conduct bird surveys, and track early detection species	Years 1, 3, 5, etc. Aggressively Years 1-2 As needed Year 3 Annual Annual	
Management Unit II Dry Prairie	Maintain as dry prairie - Restore fire regime - Keep invasives under control - Increase native plant diversity/richness/C-value - Establish monitoring program for vegetation and early detection species - Create educational opportunities	Conduct prescribed burning every 2-3 years Cut and stump treat with herbicide non-native and aggressive woody species (buckthorn and dogwood) Selectively control invasive species with herbicide (purple loosestrife) Seed native grasses, sedges, and forbs on eastern side to increase diversity Collect seed to distribute to other areas of the property Monitor vegetation, conduct bird surveys, and track early detection species	Years 1, 3, 5, etc. Aggressively Years 1-2 As needed Year 3 Annual Annual	

Management Unit III Wet woodland with small old field inclusion	Maintain as wet woodland with prairie inclusion - Restore fire regime - Keep invasives under control - Increase native plant diversity/richness/C-value - Establish monitoring program for vegetation and early detection species - Create educational opportunities	Conduct prescribed burning every 5 years or less to achieve desired forest cover Treat invasive species (Canada thistle, reed canary grass, redtop, red clover, lily-of-the-valley, and Kentucky bluegrass) with herbicide Thin or cut and stump treat with herbicide aggressive or non-native woody species (Buckthorn, white poplar, multiflora rose, and honeysuckle) Replace cut shrubs and trees with native wet woodland species Supplemental seeding of native wet woodland and prairie species Monitor vegetation and track early detection species	Years 3, 8, 13, etc. Aggressively Years 1-2 Aggressively Years 1-2 Year 3 Year 3 Annual	
Management Unit IV Pine Plantation	Restore to savanna/woodland - Restore fire regime - Keep invasives under control - Increase native plant diversity/richness/C-value - Establish monitoring program for vegetation and early detection species - Create educational opportunities	Conduct prescribed burning every 5 years or less to achieve desired forest cover Cut and stump treat with herbicide non-native woody species (buckthorn and honeysuckle) Thin or remove and stump treat with herbicide planted woody species (white pine) Supplemental shrub/tree planting with native savanna/ woodland species Supplemental seeding of native savanna / woodland species Monitor vegetation and track early detection species	Years 3, 8, 13, etc. Aggressively Years 1-2 Aggressively Years 1-2 Year 3 Year 3 Annual	

Management Unit V Restored Natural Area	Restore/maintain to mesic prairie - Restore fire regime - Keep invasives under control - Replace cool-season grasses and low quality native forbs with higher quality native species - Increase native plant diversity/richness/C-value - Establish monitoring program for vegetation and early detection species - Create educational opportunities	Conduct prescribed burning every 3-5 years Herbicide existing cool-season grasses (Kentucky bluegrass, redtop, and reed canary grass) Treat invasive species (Canada thistle, lily-of-the-valley, and cow vetch) with herbicide Cut and stump treat with herbicide non-native and aggressive woody species (honeysuckle and buckthorn) Seed native grasses, sedges, and forbs Monitor vegetation, conduct bird surveys, and track early detection species	Years 1, 4, 7, etc. Aggressively Years 1-3 Aggressively Years 1-2 Aggressively Years 1-2 Year 3 Annual	
Management Unit VI Disturbed Woodland Edge	Maintain/restore to savanna/woodland - Restore fire regime - Keep invasives under control - Increase native plant diversity/richness/C-value - Establish monitoring program for vegetation and early detection species - Create educational opportunities	Conduct prescribed burning every 5 years or less to achieve desired forest cover Treat invasive species (garlic mustard, Hungarian brome, dame's rocket, and timothy grass) with herbicide Cut and stump treat with herbicide non-native woody species (Barberry, olive, honeysuckle, buckthorn, multiflora rose, and cranberry) Thin and stump treat with herbicide aggressive woody species (box elder, dogwood, green ash, and cottonwood) Supplemental seeding of native savanna/woodland species Monitor vegetation and track early detection species	Years 3, 8, 13, etc. Aggressively Years 1-2 Aggressively Years 1-2 Aggressively Years 1-2 Year 3 Annual	

Management Unit VII Old Field/Restored Prairie	Restore to dry/mesic prairie - Restore fire regime - Keep invasives under control - Increase native plant diversity/richness/C-value - Establish monitoring program for vegetation and early detection species - Create educational opportunities	Conduct prescribed burning every 3-5 years Herbicide existing cool-season grasses (Quack grass, reed canary grass, and Kentucky bluegrass) Thin and stump treat with herbicide aggressive native or non-native woody species (dogwood, green ash, honeysuckle, and walnut) Selectively control non-native invasive species (Oriental bittersweet and Canada thistle) Seed with native grass and forb species Monitor vegetation and track early detection species	Years 1, 4, 7, etc. Aggressively Years 1-3 Year 2 Years 1-2 Year 3 Annual	
Management Unit VIII Tallgrass Dominated Mesic Prairie	Maintain as mesic prairie - Restore fire regime - Control invasive and other non-native species - Eradicate early detection species - Increase native plant diversity/richness/C-value - Establish monitoring program for vegetation and early detection species - Create educational opportunities	Conduct prescribed burning every 2-3 years Cut and stump treat with herbicide non-native and aggressive woody species (Dogwood, buckthorn, and honeysuckle) Selectively control invasive species with herbicide Seed native grasses, sedges, and forbs if desired Collect seed to distribute to other areas of the property Monitor vegetation, conduct bird surveys, and track early detection species	Years 1, 3, 5, etc. Aggressively Years 1-2 As needed Year 3 Annual Annual	

Management Unit IX Aspen Woodland	Maintain as Aspen woodland or restore to savanna/woodland - Restore fire regime - Keep invasives under control - Increase native plant diversity/richness/C-value - Establish monitoring program for vegetation and early detection species - Create educational opportunities	Conduct prescribed burning every 5 years or less to achieve desired forest cover Treat invasive species (garlic mustard, thistle, dame's rocket, redtop, and Kentucky bluegrass) with herbicide Cut and stump treat with herbicide non-native woody species (buckthorn and honeysuckle) Thin and stump treat with herbicide aggressive woody species (aspen and green ash) Supplemental seeding of native savanna/woodland species Monitor vegetation and track early detection species	Years 3, 8, 13, etc. Aggressively Years 1-2 Aggressively Years 1-2 Aggressively Years 1-2 Year 3 Annual	
Management Unit X Central Westside Woodland	Maintain/restore to wet woodland - Restore fire regime - Keep invasives under control - Increase native plant diversity/richness/C-value - Establish monitoring program for vegetation and early detection species - Create educational opportunities	Conduct prescribed burning every 5 years or less to achieve desired forest cover Treat invasive species with herbicide Cut and stump treat with herbicide non-native woody species (buckthorn, honeysuckle, and multiflora rose, spruce, willow, and cranberry) Thin and stump treat with herbicide aggressive woody species (dogwood, hawthorn, walnut, cherry, aspen, green ash, and cottonwood) Supplemental seeding of native woodland species Monitor vegetation and track early detection species	Years 3, 8, 13, etc. Aggressively Years 1-2 Aggressively Years 1-2 Aggressively Years 1-2 Year 3 Annual	

Management Unit XI Sedge Meadow Inclusions	Maintain as sedge meadow inclusions - Restore fire regime - Keep invasives under control - Increase native plant diversity/richness/C-value - Establish monitoring program for vegetation and early detection species - Create educational opportunities	Prescribed burning every 2-3 years Aggressive herbicide treatment to purple loosestrife and cool-season grasses as well as early detection species Cut and stump treat with herbicide non-native and aggressive woody species (dogwood, buckthorn, and multiflora rose) Seed native grasses, sedges, and forbs, if desired Monitor vegetation and track for early detection species	Years 1, 3, 5, etc. Years 1-5 Aggressively Years 1-2 Year 3 Annual	
Management Unit XII Southwest Woodland	Restore to savanna/woodland - Restore fire regime - Keep invasives under control - Increase native plant diversity/richness/C-value - Establish monitoring program for vegetation and early detection species - Create educational opportunities	Conduct prescribed burning every 5 years or less to achieve desired forest cover Treat invasive species (garlic mustard) with herbicide Cut and stump treat with herbicide non-native woody species (Norway maple, honeysuckle, buckthorn, black locust, and crack willow) Thin or remove and stump treat with herbicide aggressive woody species (box elder, cottonwood, and green ash) Supplemental shrub/tree planting with native savanna/ woodland species Supplemental seeding of native savanna / woodland species Monitor vegetation and track early detection species	Years 3, 8, 13, etc. Aggressively Years 1-2 Aggressively Years 1-2 Aggressively Years 1-2 Year 3 Year 3 Annual	

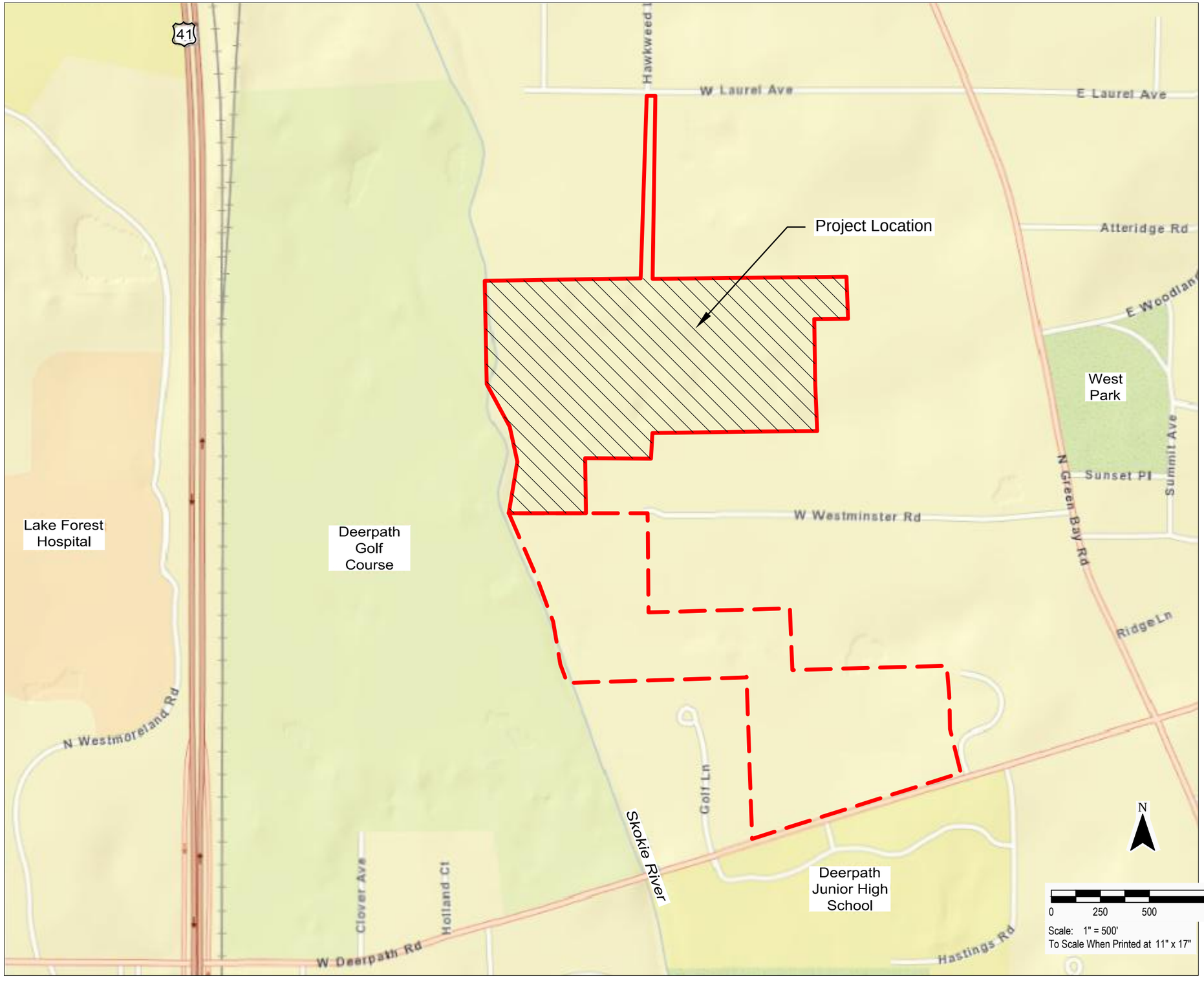
Management Unit XIII Dry Mesic Prairie	Maintain as dry mesic prairie - Restore fire regime - Keep invasives under control - Increase native plant diversity/richness/C-value - Establish monitoring program for vegetation and early detection species - Create educational opportunities	Conduct prescribed burning every 2-3 years Cut and stump treat with herbicide non-native and aggressive woody species (buckthorn, black locust, and dogwood) Selectively control invasive species and early detection species with herbicide (thistle, Kentucky bluegrass, and St. John's wort) Seed native grasses, sedges, and forbs on eastern side to increase diversity Collect seed to distribute to other areas of the property Monitor vegetation, conduct bird surveys, and track early detection species	Years 1, 3, 5, etc. Aggressively Years 1-2 As needed Year 3 Annual Annual	
Management Unit XIV Intermittent Swale	Maintain as swale or wetland/wet prairie - Restore fire regime - Keep invasives under control - Increase native plant diversity/richness/C-value - Establish monitoring program for vegetation and early detection species - Create educational opportunities	Prescribed burning every 2-3 years Aggressive herbicide treatment to early detection species Cut and stump treat with herbicide non-native and aggressive woody species (sandbar willow) Seed native grasses and forbs, if desired Monitor vegetation and track for early detection species	Years 1, 3, 5, etc. Years 1-5 Aggressively Years 1-2 Year 3 Annual	

Management Unit XV Turf Grass Area	Maintain or restore to dry/mesic prairie - Restore fire regime - Keep invasives under control - Increase native plant diversity/richness/C-value - Establish monitoring program for vegetation and early detection species - Create educational opportunities	Conduct prescribed burning every 3-5 years Broadcast herbicide existing cool-season grasses Disc to break up grass sod and repeat herbicide application Selectively control non-native invasive species Seed with native grass and forb species Monitor vegetation and track early detection species	Years 1, 4, 7, etc. Aggressively Years 1-2 Year 2 Years 1-2 Year 3 Annual	

Exhibits

Exhibit 1. Nature Preserve Location Map.

Exhibit 2. Natural Resources Inventory Map.



Skokie River South Nature Preserve

Lake Forest, IL

Lake Forest Open Land Association
272 East Deerpath, Suite 318
Lake Forest, IL 60045

Natural Resources Inventory

Location Map

AES Proj. #:	10-0186
Designed By:	
Drawn By:	EMK
Checked By:	MJD
File:	100186bmp20111025.dwg
Date:	25 October 2011
Coordinate System:	NAD 83 IL SP, West, Feet

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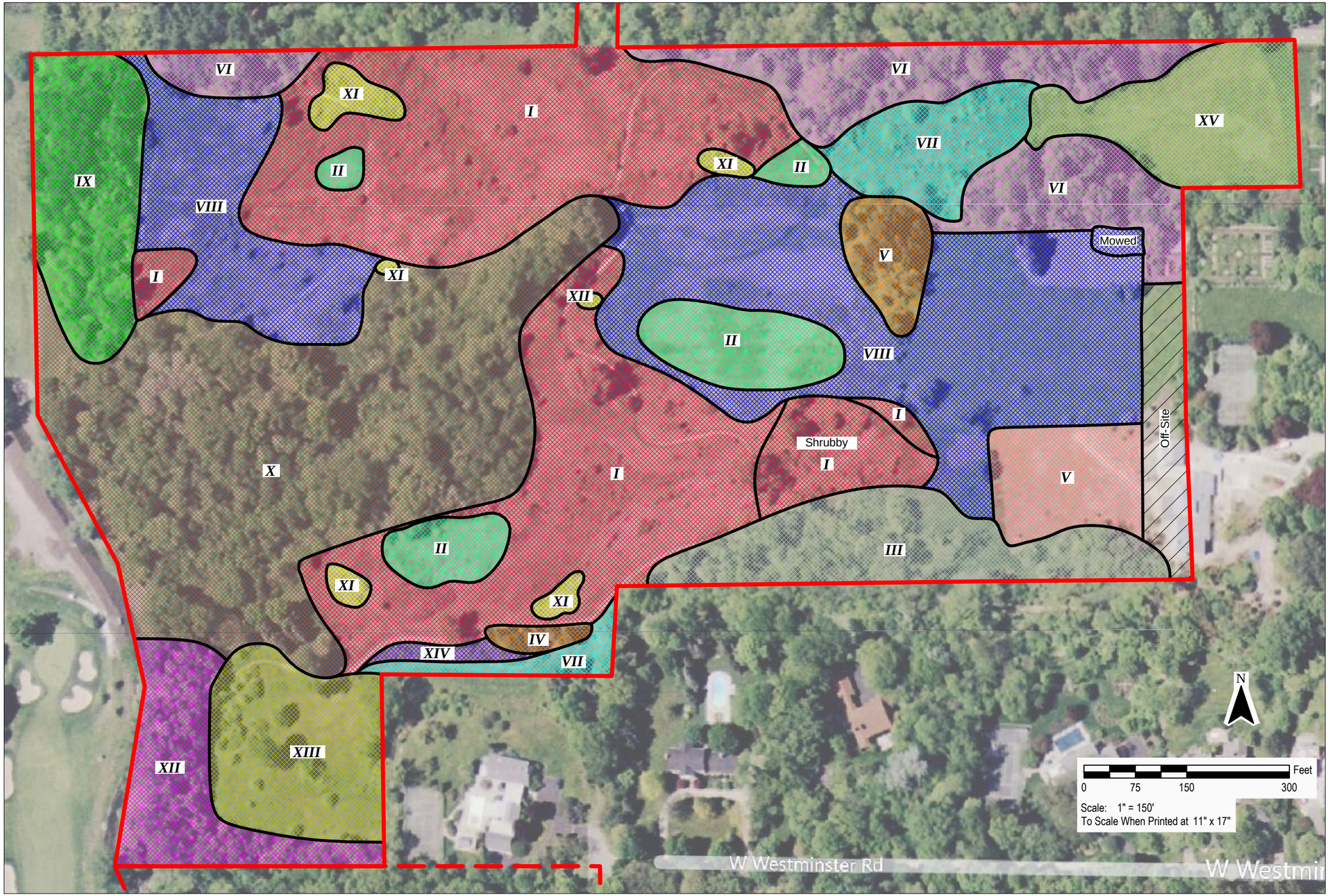

Legend

- Project Boundary
- I — Wet Prairie
- II — Dry Prairie
- III — Wet Woods
- IV — Pine Plantation
- V — Restored Natural Area
- VI — Disturbed Woodland
- VII — Old Field / Restored Prairie
- VIII — Mesic Prairie
- IX — Aspen Woods
- X — Central Woodland (West Side)
- XI — Sedge Meadow Inclusion
- XII — Southwest Wet Woodland
- XIII — Dry Mesic Prairie
- XIV — Swale
- XV — Turfgrass

Skokie River South Nature Preserve

Lake Forest, IL

Lake Forest Open Land Association

272 East Deerpath, Suite 318

Lake Forest, IL 60045

Natural Resources Inventory

Existing Communities Map

AES Proj. #: 10-0186

Designed By:

Drawn By: EMK

Checked By: MJD

File: 100186bmp20111025.dwg

Date: 25 October 2011

Coordinate System: NAD 83 IL SP, West, Feet

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