

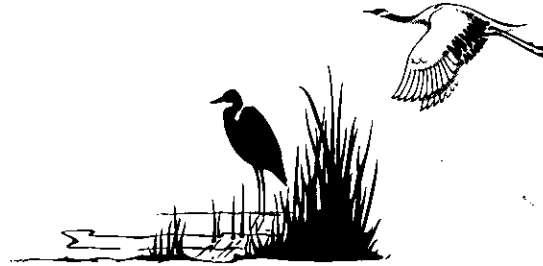
ILLINOIS
DEPARTMENT OF
NATURAL
RESOURCES

MEMORANDUM

Division of Natural Heritage

110 James Road Spring Grove, IL 60081 (815) 675-2385 FAX (815) 675-2495

to: Linda Williams
from: Brad Semel
date: 12 August 1997
subject: Wildlife Preservation Fund



Enclosed please find an invoice and 20 copies of the inventory report for the 1997 Wildlife Preservation Fund project, "Vascular Plant Inventory of Moraine Hills State Park." I trust everything is in order.

AUGUST 1, 1997

MORAINES HILLS STATE PARK

This inventory was prepared by Margo Milde for Moraine Hills State Park, including Kettle Moraine Nature Preserve.

All elements were personally observed by me in the year ending August 1, 1997.

The first line for each element includes the scientific (Latin) name, a common name, and family. Unless otherwise noted, all names are as listed in the 1994 edition of Plants of the Chicago Region by Floyd Swink and Dr. Gerould Wilhelm. Additionally, each taxon is given a wetland category, and a number representing the "coefficient of conservatism", as given in the current Swink/Wilhelm flora. Names are arranged alphabetically by scientific name.

The second line for each element contains my personal observation places/dates for Moraine Hills. I've noted my comments on habitats where each element is most likely to be found in the Park, as well as the frequency that I noticed each element in the park. Obviously, for the more common elements, I simply could not list each occurrence in the Park. Others were only noted once or twice. These are therefore reflected in the frequency of occurrence I gave each element in the list. I did not include elements deliberately planted or introduced in recent years. However, I did include naturalized old plantings and escapes.

For practical purposes, sites where each element was noted are generally abbreviated in the list. A list of abbreviations follows. As I was asked to focus on several areas in particular in the Nature Preserve, and the Park, those abbreviations appear more frequently in the list. These abbreviations represent areas in the Nature Preserve (Pike Marsh, Leatherleaf Bog, Upland Woods West of Leatherleaf Bog, Leatherleaf Bog Moat, Lake Defiance Boardwalk, and Marshes Northwest of Lake Defiance) and areas of current or previous restoration work (Sedge Meadow South of River Road, Marsh North of Hickory Ridge parking lot, Upland Woods near Whitetail Trail Junction), as well as an area of special interest (Floating Mat and Fen on Southeast portion of Lake Defiance.)

Abbreviations are as follows:

WJ: Whitetail Trail Junction
HR: Hickory Ridge
McD: McHenry Dam
KM Woods: mostly disturbed upland and mesic woods on West edge of preserve
PH: Pine Hills
LD: Lake Defiance
NL woods: Woods bordering the northernmost lakes in the Park
WP: Whitetail Prairie
PM: Pike Marsh
NW: Areas bordering Northern Woods parking and picnic areas
FM: Floating mat on SE shore of Lake Defiance, and nearby Fen
PH: Pine Hills
OR: Opossum Run
SMRA: Sedge Meadow Restoration Area south of River Road
LB: Leatherleaf Bog
KW: Kettle Woods
BTM: Black Tern Marsh

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-	<u>Abutilon theophrasti</u>	Velvetleaf, Butterprint	MALVACEAE	FACU-
	WJ trail 7-11-97. Disturbed trailsides. Occasional.			
0	<u>Acalypha rhomboidea</u>	Three-seeded mercury	EUPHORBIACEAE	FACU
	Disturbed ground near office, 7-30-97. Disturbed areas. Infrequent.			
0	<u>Acer negundo</u>	Box elder	ACERACEAE	FACW-
	HR 5-8-97, KM woods 5-28-97. Disturbed mesic woods, edges, trailsides, marsh edges. Abundant.			
0	<u>Acer saccharinum</u>	Silver maple	ACERACEAE	FACW
	HR 5-8-97, LB moat edge 7-5-97. Disturbed and lower slope mesic woods. Frequent.			
3	<u>Acer saccharum</u>	Sugar maple	ACERACEAE	FACU
	HR 5-8-97. McD floodplain 5-21-97. Floodplain and mesic woods. Common.			
-	<u>Achillea millefolium</u>	Yarrow, Milfoil	COMPOSITAE	FACU
	HR 5-8-97, KM woods 5-28-97. Disturbed areas, old fields, trailsides, upland woods. Common.			
10	<u>Actaea rubra</u>	Red baneberry	RANUNCULACEAE	[FACU]
	PH mesic woods 5-29-97, PM woods 7-12-97. Mesic woods. Infrequent.			
2	<u>Agrimonia gryposepala</u>	Tall agrimony	ROSACEAE	FACU+
	HR 5-9-97, KM woods 5-28-97. Disturbed woods, edges. Common.			
5	<u>Agrimonia pubescens</u>	Soft agrimony	ROSACEAE	UPL
	WJ Woods 5-9-97, KM woods 5-28-97. Upland woods, edges. Occasional.			
-	<u>Agropyron repens</u>	Quack grass	GRAMINEAE	FACU
	Roadside near office 6-15-97. Disturbed open dry ground. Abundant.			
-	<u>Agrostis alba</u>	Redtop grass	GRAMINEAE	FACU
	LD trail near office 7-13-97. Trailsides, old fields. Abundant.			
4	<u>Alisma subcordatum</u>	Common water plantain	ALISMACEAE	OBL
	McD 5-14-97, LD boardwalk near parking lot, 7-13-97.			
-	<u>Alliaria petiolata</u>	Garlic mustard	CRUCIFERAE	FAC
	NL woods 4-24-97. Disturbed woods. Common.			
-	<u>Allium cepa</u>	(Domestic) onion	LILIACEAE	UPL
	Spontaneous near WP parking entrance. Old field. Rare.			
7	<u>Allium cernuum</u>	Nodding wild onion	LILIACEAE	[FAC-]
	WJ woods, 5-9-97, KM woods 5-28-97. Mesic slopes, upland woods, moist old fields. Frequent.			
0	<u>Ambrosia artemisiifolia elatior</u>	Common ragweed	COMPOSITAE	FACU
	KM woods, 5-28-97. Disturbed areas, trailsides, open woods, old fields. Abundant.			
0	<u>Ambrosia trifida</u>	Giant ragweed	COMPOSITAE	FAC+
	WJ trailside, 7-4-97. Moist open and disturbed areas. Common.			
4	<u>Aphicarpa bracteata</u>	Upland hog peanut	LEGUMINOSAE	FAC
	WJ woods 6-13-97, KM woods 7-5-97, PM woods hill edge 6-8-97. Thickets, open woods. Infrequent.			
5	<u>Aphicarpa bracteata comosa</u>	Lowland hog peanut	LEGUMINOSAE	[FACW]
	Trail W of LD 6-20-97. Thicket adjacent to marsh. Infrequent.			
4	<u>Anemone canadensis</u>	Meadow anemone	RANUNCULACEAE	FACW
	McD marsh pond 5-14-97, McD sand pond 5-21-97. Open moist meadows. Occasional.			
6	<u>Anemone cylindrica</u>	Thimbleweed	RANUNCULACEAE	UPL
	WJ woods 5-29-97, KM woods 5-28-97. Upland woods, upland edges. Occasional.			

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5	<u>Anemone virginiana</u>	Tall anemone, Thimbleweed	RANUNCULACEAE	UPL
	PM woods, 7-12-97, KM woods 5-28-97. Mesic and upland woods. Frequent.			
7	<u>Anemonella thalictroides</u>	Rue anemone	RANUNCULACEAE	UPL
	HR woods 5-8-97, NL woods 4-24-97. Mesic woods. Occasional.			
7	<u>Angelica atropurpurea</u>	Great angelica	UMBELLIFERAE	OBL
	HR marsh 5-15-97. Occasional.			
4	<u>Antennaria neglecta</u>	Cat's foot	COMPOSITAE	UPL
	WJ, 5-9-97. Dry fields/open upland woods. Infrequent.			
3	<u>Antennaria plantaginifolia</u>	Pussy toes, Everlasting	COMPOSITAE	UPL
	WJ Woods, 5-9-97, HR woods 5-8-97, KM woods 5-28-97. Upland woods, edges, old fields. Occasional.			
-	<u>Anthesis cotula</u>	Dog fennel	COMPOSITAE	FACU
	Trailside near KM woods 7-5-97. Trailsides, disturbed dry ground. Infrequent.			
7	<u>Apios americana</u>	Ground nut	LEGUMINOSAE	FACW
	LD marsh edges 7-20-97, PM sedge meadow edge 7-10-97, HR marsh 7-31-97. Marsh edges. Occasional.			
5	<u>Apocynum androsaefolium</u>	Spreading dogbane	APOCYNACEAE	UPL
	OR 6 26-97. Mesic woods. Rare.			
2	<u>Apocynum sibiricum</u>	Prairie Indian hemp, dogbane	APOCYNACEAE	FAC+
	WJ woods 6-12-97. Disturbed open upland woods. Infrequent.			
6	<u>Aquilegia canadensis</u>	Wild columbine	RANUNCULACEAE	FAC-
	PH woods 5-15-97, OR woods 6-26-97, KM woods 5-28-97. Mesic woods. Infrequent.			
5	<u>Arabis laevigata</u>	Smooth bank cress	CRUCIFERAE	UPL
	Middle trail 7-20-97. On cut bank. Uncommon.			
-	<u>Arctium minus</u>	Common burdock	COMPOSITAE	UPL
	KM woods 5-28-97. Disturbed areas, trailsides. Occasional.			
10	<u>Arenaria stricta</u>	Stiff sandwort	CARYOPHYLLACEAE	UPL
	KM woods 5-28-97. Upland rocky woods. Rare.			
9	<u>Asclepias exaltata</u>	Poke milkweed	ASCLEPIADACEAE	UPL
	OR woods 6-26-97. Mesic woods. Rare.			
4	<u>Asclepias incarnata</u>	Swamp milkweed	ASCLEPIADACEAE	OBL
	PM 6-13-97, SMRA 5-30-97, PM 7-4-97. Marshes, open wet areas. Frequent.			
0	<u>Asclepias syriaca</u>	Common milkweed	ASCLEPIADACEAE	UPL
	Roadside near office 6-26-97. Disturbed open areas, trails, roadsides. Common.			
1	<u>Asclepias verticillata</u>	Whorled milkweed	ASCLEPIADACEAE	UPL
	KM woods 7-5-97, WJ woods 6-12-97, PM woods 7-12-97. Open disturbed areas. Common.			
-	<u>Asparagus officinalis</u>	Asparagus	LILIACEAE	FACU
	KM woods 5-28-97. Disturbed areas, trailsides. Infrequent.			
4	<u>Asplenium platyneuron</u>	Ebony spleenwort fern	POLYPODIACEAE	FACU
	WJ woods 6-12-97. Dry open wooded slope. Rare.			
10	<u>Aster borealis (A. junciformis)</u>	Rush aster	COMPOSITAE	OBL
	FX 7-4-97. Pen. Uncommon.			

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4	<u>Aster novae-angliae</u>	New England aster	COMPOSITAE	FACW
	SMRA 7-11-97. Sedge meadows, marshes, ditches. Occasional.			
0	<u>Aster pilosus</u>	Hairy aster	COMPOSITAE	FACU+
	Roadside near KW 7-6-97. Disturbed dry areas, trailsides, roadsides. Common.			
8	<u>Aster puniceus</u>	Bristly aster	COMPOSITAE	OBL
	HR marsh 7-31-97, LB 7-5-97, SMRA 7-11-97, FM 7-54-97, PM 6-25-97. Sedge mead, marshes. Frequent.			
7	<u>Aster puniceus firmus</u>	Shining aster	COMPOSITAE	OBL
	HR marsh 7-31-97. Marsh. Infrequent.			
2	<u>Aster sagitifolius drummondii</u>	Drummond's aster	COMPOSITAE	[FACU]
	PM woods edge 7-12-97. Open mesic woods, edges. Frequent.			
3	<u>Aster simplex</u>	Panicled aster	COMPOSITAE	OBL
	Sedge meadow W of KW 5-29-97, marsh edge KM woods 7-5-97. Marshes, sedge meadows. Occasional.			
-	<u>Atriplex patula</u>	Common orach	CHENOPODIACEAE	FACW-
	Near OR parking 6-25-97. Disturbed open ground. Uncommon.			
8	<u>Athyrium felix-femina nichauxii</u>	Lady fern	POLYPODIACEAE	FAC
	PH lower mesic woods on slope, 5-29-97, OR woods 6-22-97. Mesic woods. Uncommon.			
8	<u>Aureolaria grandiflora pulchra</u>	Yellow false foxglove	SCROPHULARIACEAE	UPL
	HR woods, 5-8-97, KM woods 7-5-97. Mesic woods. Uncommon.			
-	<u>Barbarea vulgaris</u>	Yellow rocket, Winter cress	CRUCIFERAE	FAC
	WJ trailside, 5-9-97. Disturbed areas. Common.			
-	<u>Berberis thunbergii</u>	Japanese barberry	BERBERIDACEAE	FACU-
	PH woods 5-29-97, OR woods 6-26-97, KM woods 5-28-97. Disturbed woods. Infrequent.			
-	<u>Berteroa incana</u>	Hoary alyssum	CRUCIFERAE	UPL
	Weedy old field by WP parking entrance 6-12-97. Old field, disturbed areas, trails. Occasional.			
10	<u>Betula pumila</u>	Dwarf birch	BETULACEAE	OBL
	SMRA 5-30-97, FM 7-11-97. Marshes, fen, sedge meadows. Occasional.			
9	<u>Bidens coronata</u>	Tall swamp marigold	COMPOSITAE	OBL
	SMRA 7-11-97, LB 7-23-97, HR marsh 7-31-97. Sedge meadow, marshes. Occasional.			
1	<u>Bidens frondosa</u>	Common beggar's ticks	COMPOSITAE	FACW
	Trail W of LD 7-20-97, HR marsh 7-31-97. Moist trailside. Occasional.			
8	<u>Blephilia hirsuta</u>	Wood mint	LABIATAE	FACU-
	WJ Woods, 5-9-97. Upland dry woods. Uncommon.			
2	<u>Boehmeria cylindrica</u>	False nettle	URTICACEAE	OBL
	FM 7-4-97, KM woods 7-5-97. Fen, bog edge, mesic woods. Occasional.			
5	<u>Boehmeria cylindrica drummondiana</u>	Rough false nettle	URTICACEAE	[OBL]
	FM 7-10-97. Fen. Uncommon.			
6	<u>Botrychium virginianum</u>	Rattlesnake fern	OPHIOGLOSSACEAE	FACU
	HR 5-8-97, McD woods edge 5-21-97, WJ woods 5-15-97, KM woods 7-5-97. Mesic woods. Infrequent.			
-	<u>Brassica kaber</u>	Charlock	CRUCIFERAE	UPL
	WJ trailside 6-12-97. Disturbed areas, trailsides, old field. Occasional.			
10	<u>Bromus ciliatus</u>	Fringed brone	GRAMINEAE	[OBL]
	FM 7-4-97. Fen, marsh. Uncommon.			
-	<u>Bromus inernis</u>	Hungarian or smooth brone	GRAMINEAE	UPL
	Disturbed areas, trailsies, roadsides. Very common. Old field near LD 7-13-97.			
-	<u>Bromus tectorum</u>	Downy brone	GRAMINEAE	UPL
	Dry field near McD 5-21-97, old field near LD parking 7-13-97. Dry old field. Occasional.			

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3	<u>Calamagrostis canadensis</u>	Blue joint grass	GRAMINEAE	OBL
	SMRA 5-30-97, FM 6-13-97, LB edge 7-5-97, HR Marsh 7-31-97. Marshes, sedge meadows. Common.			
5	<u>Caltha palustris</u>	Marsh marigold	RANUNCULACEAE	OBL
	HR marsh 5-15-97, Office marsh 6-4-97, FM 6-13-97. Fens, marshes. Frequent.			
8	<u>Campanula aparinooides</u>	Marsh bellflower	CAMPANULACEAE	OBL
	SMRA 5-30-97, PM 7-12-97, FM 7-4-97, HR Marsh 7-31-97. Marshes, sedge meadows. Infrequent.			
-	<u>Capsella bursa-pastoris</u>	Shepherd's purse	CRUCIFERAE	FAC-
	HR 5-8-97, KM woods 5-28-97. Disturbed open areas, trailsides. Common.			
6	<u>Cardamine bulbosa</u>	Bulbous spring cress	CRUCIFERAE	OBL
	McD marsh pond edge 5-14-97, FM 6-13-97, HR Marsh 7-31-97. Low calc. moist areas, fen. Occasional.			
4	<u>Cardamine pennsylvanica</u>	Pennsylvania bitter cress	CRUCIFERAE	FACW+
	McD swampy woods 5-14-97. Wet woods, sedge meadows, calc. marshes. Occasional.			
-	<u>Carduus nutans</u>	Nodding (musk) thistle	COMPOSITAE	UPL
	PM woods edge 6-25-97, WJ trail 7-4-97. Disturbed open ground, trailsides. Common.			
5	<u>Carex aquatilis altior</u>	Long-bracted tussock sedge	CYPERACEAE	OBL
	PM 7-12-97, LD boardwalk 6-15-97. Calc. marshes. Occasional.			
5	<u>Carex atherodes</u>	Hairy-leaved lake sedge	CYPERACEAE	OBL
	LB moat edge 6-18-97. Marsh edge. Uncommon.			
1	<u>Carex blanda</u>	Common wood sedge	CYPERACEAE	FAC
	HR 5-8-97. Mesic woods, edges. Common.			
3	<u>Carex cephalophora</u>	Short-headed bracted sedge	CYPERACEAE	FACU
	KM woods 5-28-97. Upland and mesic woods, edges. Common.			
5	<u>Carex comosa</u>	Bristly (bottlebrush) sedge	CYPERACEAE	OBL
	LD boardwalk 7-13-97, LB moat edge 6-18-97, PM 7-12-97. Marshes, pond edges. Occasional.			
4	<u>Carex cristatella</u>	Crested oval sedge	CYPERACEAE	FACW+
	FM 6-13-97. Disturbed wet areas, marshes. Occasional.			
10	<u>Carex diandra</u>	Bog panicled sedge	CYPERACEAE	OBL
	PM 6-27-97. Calc. marshes. Infrequent.			
5	<u>Carex hystericina</u>	Porcupine sedge	CYPERACEAE	OBL
	SMRA 5-30-97, FM 7-4-97			
6	<u>Carex lacustris</u>	Common lake sedge	CYPERACEAE	OBL
	Northwest LD marshes 4-24-97, PM 7-12-97. Marshes. Occasional.			
10	<u>Carex lasiocarpa americana</u>	Narrow-leaved woolly sedge	CYPERACEAE	OBL
	PM 6-13-97, LB edge 7-5-97, LB 7-22-97. Calc. marsh, bog. Infrequent.			
10	<u>Carex oligosperma</u>	Few-flowered sedge	CYPERACEAE	OBL
	LB 7-22-97. Bog. Infrequent.			
5	<u>Carex pennsylvanica</u>	Common oak (Penn.) sedge	CYPERACEAE	UPL
	WJ Woods, 5-9-97, NL Woods, 4-24-97, KM woods 5-28-97. Upland woods, savannas. Frequent.			
10	<u>Carex prairiea</u>	Fen panicled sedge	CYPERACEAE	[OBL]
	PM 6-27-97. Cacl. marsh. Infrequent.			

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4	<u>Carex rosea</u>	Curly-styled wood sedge	CYPERACEAE	UPL
	HR 5-8-97. Mesic woods. Frequent.			
6	<u>Carex sartwellii</u>	Running marsh sedge	CYPERACEAE	[OBL]
	SMRA 5-30-97, PM 6-13-97, PM 6-27-97, NW LD marshes 6-15-97. Calc. meadows, marshes, fens. Common.			
8	<u>Carex suberecta</u>	Wedge-fruited oval sedge	CYPERACEAE	OBL
	FM 7-10-97. Fen, floating mat. Uncommon.			
10	<u>Carex sterilis</u>	Fen star sedge	CYPERACEAE	OBL
	FM 6-13-97, SMRA 7-11-97. Calc. sedge meadows, fen. Occasional.			
3	<u>Carex stipata</u>	Common fox sedge	CYPERACEAE	OBL
	KN woods edge 5-28-97, LB moat edge 6-18-97. Moist disturbed areas, sedge meadows, marsh. Frequent.			
5	<u>Carex stricta</u>	Common tussock sedge	CYPERACEAE	OBL
	SMRA 5-30-97, FM 6-13-97, PM 6-19-97, HR Marsh 7-31-97. Marsh, sedge meadow, fen. Common.			
8	<u>Carex tenera</u>	Narrow-leaves oval sedge	CYPERACEAE	[FACU-
	Low woods near PM 6-8-97. Low moist woods. Infrequent.			
9	<u>Carex tetanica</u>	Common stiff sedge	CYPERACEAE	FACU
	SMRA 5-30-97, FM 6-13-97. Sedge meadows, fens. Occasional.			
2	<u>Carex vulpinoidea</u>	Brown fox sedge	CYPERACEAE	OBL
	Sedge meadow edge of FM 7-4-97, NL parking pond 7-13-97. Disturbed moist areas. Occasional.			
5	<u>Carya ovata</u>	Shagbark hickory	JUGLANCEAE	FACU
	NL woods 4-24-97, WJ woods 5-4-97. Upland woods. Frequent.			
-	<u>Catalpa speciosa</u>	Hardy catalpa	BIGNONIACEAE	FACU
	Trail corner E of office 5-4-97. Fencerow, woods edge. Uncommon.			
6	<u>Ceanothus americanus</u>	New Jersey tea	RHAMNACEAE	UPL
	KN woods 5-28-97. Open upland woods. Uncommon.			
-	<u>Celastrus orbiculatus</u>	Oriental bittersweet	CELASTRACEAE	UPL
	OR woods 6-26-97, KN woods 7-5-97. Disturbed woods. Infrequent.			
3	<u>Celtis occidentalis</u>	Hackberry	ULMACEAE	FAC-
	KW 4-24-97, HR woods 7-31-97. Mesic woods and edge. Occasional.			
0	<u>Cerastium nutans</u>	Nodding chickweed	CARYOPHYLLACEAE	FACU+
	McD trailside near swampy woods 5-14-97. Moist disturbed areas, trailsides. Uncommon.			
-	<u>Cerastium vulgatum</u>	Mouse-eared chickweed	CARYOPHYLLACEAE	FACU
	HR 5-8-97, KN woods 5-28-97. Disturbed woods, picnic areas, trailsides. Abundant.			
5	<u>Ceratophyllum demersum</u>	Hornwort, Coontail	CERATOPHYLLACEAE	OBL
	LD bdwalk 4-24-97, BTM outlet 5-21-97, LB moat 6-18-97, HR Marsh outlet 7-31-97. Aquatic. Frequent.			
10	<u>Chamaedaphne calyculata angustifolia</u>	Leatherleaf	ERICACEAE	OBL
	LB 7-22-97. Bog. Uncommon.			
-	<u>Chrysanthemum leucanthemum pinnatifidum</u>	Ox-eye daisy	COMPOSITAE	UPL
	Roadside near office 6-26-97. Disturbed open ground, roadside. Occasional.			
-	<u>Cichorium intybus</u>	Chicory	COMPOSITAE	UPL
	PM parking 6-25-97, LD parking 7-13-97. Roadsides, disturbed ground. Occasional.			
8	<u>Cicuta bulbifera</u>	Bulb-bearing water hemlock	UMBELLIFERAE	OBL
	SNRA 5-30-97, PM 7-12-97, LD bdwalk 6-15-97, LB moat 6-18-97, HR Marsh 7-31-97. Marshes, sedge mead. Common.			
1	<u>Circaea lutetiana canadensis</u>	Enchanter's Nightshade	ONAGRACEAE	FACU
	KW 5-29-97, KN woods 5-28-97. Disturbed woods. Common.			
-	<u>Cirsium arvense</u>	Field (Canada) thistle	COMPOSITAE	UPL
	KN woods 5-28-97. Disturbed areas, trailsides, old field, roadsides. Common.			
10	<u>Cirsium muticum</u>	Swamp (fen) thistle	COMPOSITAE	OBL
	SMRA 5-30-97, PM 6-13-97, HR Marsh 7-31-97. Calc. marshes, fens, sedge meadows. Occasional.			
-	<u>Cirsium vulgare</u>	Bull thistle	COMPOSITAE	UPL
	Grassy edge near PM woods 7-13-97. Disturbed ground, edges, old fields. Frequent.			

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7	<u>Conoandrea unbellata</u>	False (bastard) toadflax	SANTALACEAE	FACU
	WJ woods 6-13-97. Dry open woods. Uncommon.			
-	<u>Convallaria majalis</u>	Lily-of-the-valley	LILIACEAE	UPL
	KM woods 5-28-97. Disturbed woods. Uncommon.			
-	<u>Convolvulus arvensis</u>	Field bindweed	CONVOLVULACEAE	UPL
	Roadside near office 6-26-97. Disturbed dry open areas. Common.			
1	<u>Convolvulus sepium</u>	Hedge bindweed	CONVOLVULACEAE	FAC
	SMRA 5-30-97, LD boardwalk 7-13-97, HR Marsh 7-31-97. Moist open areas, marsh edges. Frequent.			
2	<u>Cornus drummondii</u>	Rough-leaved dogwood	CORNACEAE	FAC
	WJ trailside 6-12-97. Old field edge. Rare.			
6	<u>Cornus obliqua</u>	Pale (Blue-fruited) dogwood	CORNACEAE	FACW+
	LD bdwalk 7-13-97, LB moat edge 7-5-97, HR Marsh 7-31-97. Shrubby moist ground, edges, old flds. Common.			
1	<u>Cornus racemosa</u>	Gray dogwood	CORNACEAE	FACW-
	KM woods, 5-28-97. Disturbed woods, edges. Common.			
6	<u>Cornus stolonifera</u>	Red-osier dogwood	CORNACEAE	FACW
	KM woods 5-28-97, SMRA 5-30-97, NW LB marshes 6-15-97. Mesic woods, brushy edges, shrub-carr. Common.			
2	<u>Crataegus crus-galli</u>	Cockspur hawthorn	ROSACEAE	FAC
	Entrance parking lot, 5-28-97. Disturbed woods, fencerow, edge. Frequent.			
5	<u>Crataegus flabellata</u>	Large-seeded hawthorn	ROSACEAE	UPL
	KW woods, 5-8-97. Disturbed upland woods, edge. Infrequent.			
4	<u>Cuscuta gronovii</u>	Common dodder	CONVOLVULACEAE	[OBL]
	HR marsh 7-31-97. Marsh. Infrequent.			
-	<u>Dactylis glomerata</u>	Orchard grass	GRAMINEAE	FACU
	KM woods, 5-28-97. Disturbed open areas, trailsides. Common.			
-	<u>Daucus carota</u>	Queen Anne's lace	UMBELLIFERAE	UPL
	KM woods 5-28-97. Disturbed open areas, trailsides, old field. Common.			
8	<u>Decodon verticillatus</u>	Swamp loosestrife	LYTHRACEAE	OBL
	Edge of FM 7-4-97, HR Marsh 7-31-97, PM 7-12-97. Floating mat, shallow water edge. Uncommon.			
5	<u>Dentaria laciniata</u>	Toothwort, Pepper root	CRUCIFERAE	FAC
	Yellow Trail East woods, 5-14-97. Mesic woods. Occasional.			
5	<u>Desmodium glutinosum</u>	Pointed tick trefoil	LEGUMINOSAE	UPL
	WJ woods 6-12-97. OR 6-26-97, HR woods 7-31-97. Upland woods. Infrequent.			
-	<u>Dianthus armeria</u>	Deptford pink	CARYOPHYLLACEAE	UPL
	PM parking edge 6-25-97, KM woods 7-5-97. Disturbed trailsides, roadside. Occasional.			
7	<u>Dioscorea villosa</u>	Wild yam	DIOSCOREACEAE	FAC-
	HR marsh 5-30-97, McD woods 5-14-97. Mesic woods, brushy marsh edges. Occasional.			
-	<u>Dipsacus sylvestris</u>	Common teasel	DIPSACACEAE	UPL
	HR woods trail edge 7-31-97. Trail edges, disturbed ground. Occasional.			
6	<u>Dodecatheon meadia</u>	Shooting star	PRIMULACEAE	FACU
	NL woods 4-24-97, WJ woods 5-9-97, PM woods 6-8-97, KM woods 7-5-97. Mesic woods, edges. Occasional.			
9	<u>Dulichium arundinaceum</u>	Three-way sedge	CYPERACEAE	OBL
	LB moat edge 6-18-97. Bog edge. Infrequent.			
10	<u>Dryopteris cristata</u>	Crested wood fern	POLYPODIACEAE	OBL
	PM 7-30-97. Calc. marsh. Rare.			
6	<u>Dryopteris thelypteris pubescens</u>	Marsh shield fern	POLYPODIACEAE	[OBL]
	LD bdwalk 6-15-97, PM 6-19-97, SMRA 5-30-97, HR Marsh 7-31-97. Marshes. Common.			

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0	<u>Echinochloa crusgalli</u>	Barnyard grass	GRAMINEAE	FACW
	Disturbed edge near office 7-31-97. Disturbed ground. Infrequent.			
5	<u>Echinocystis lobata</u>	Wild cucumber	CUCURBITACEAE	FACW-
	McD woods. 5-14-97. Brushy marsh edges. Infrequent.			
-	<u>Elaeagnus umbellata</u>	Autumn olive	ELAEAGNACEAE	UPL
	McD old field 5-21-97, KN woods 5-28-97. Disturbed brushy or woods areas. Occasional.			
2	<u>Eleocharis acicularis</u>	Needle spike rush	CYPERACEAE	OBL
	PM 6-19-97, McD 5-11-97, McD sandpond 5-21-97, LB 6-18-97, PM 7-4-97. Marshes, muddy areas. Occasional.			
4	<u>Eleocharis obtusa</u>	Blunt spike rush	CYPERACEAE	OBL
	NL pond 7-20-97. Muddy pond edge. Uncommon.			
2	<u>Eleocharis erythropoda</u>	Red-rooted spike rush	CYPERACEAE	OBL
	PM 6-19-97, McD 5-11-97, McD Sandpond 5-21-97, LD boardwalk 6-15-97, PM 7-4-97. Marshes, wet areas. Common.			
7	<u>Elodea nuttallii</u>	Slender waterweed	HYDROCHARITACEAE	OBL
	OTM outlet 5-21-97. Aquatic. Infrequent.			
5	<u>Elymus villosus</u>	Silky wild rye	GRAMINEAE	FACU
	PH wooded slope 5-28-97. Upland woods. Occasional.			
3	<u>Epilobium coloratum</u>	Cinnamon willow herb	ONACRACEAE	OBL
	HR marsh 5-15-97. Marsh, moist brushy edges. Frequent.			
-	<u>Epipactis helleborine</u>	Helleborine orchid	ORCHIDACEAE	UPL
	KN woods 7-5-97. Disturbed woods. Infrequent.			
0	<u>Equisetum arvense</u>	Horsetail	EQUISETACEAE	FAC
	PH 5-29-97, KN woods 5-28-97. Disturbed dry woods, disturbed open areas. Frequent.			
7	<u>Equisetum fluviatile</u>	Marsh pipes	EQUISETACEAE	OBL
	SMRA 5-30-97, PM 6-25-97, PM 6-13-97. Marshes, sedge meadows. Frequent.			
2	<u>Equisetum laevigatum</u>	Smooth scouring rush	EQUISETACEAE	FACW
	KN woods 5-28-97. Lower mesic woods, sedge meadow. Occasional.			
0	<u>Eragrostis pectinacea</u>	Small love grass	GRAMINEAE	FAC
	Pavement cracks in site supt's driveway 7-22-97. Disturbed ground. Infrequent.			
0	<u>Erigeron annuus</u>	Annual fleabane	COMPOSITAE	FAC-
	PM picnic edge 6-8-97. Disturbed open areas, trailsides, old field. Abundant.			
4	<u>Erigeron philadelphicus</u>	Marsh fleabane	COMPOSITAE	FACW
	McD sandpond 5-21-97, PM woods 6-19-97, KN woods 5-28-97. Mesic woods, moist edges. Common.			
5	<u>Erigeron strigosus</u>	Daisy fleabane	COMPOSITAE	[UPL]
	WJ old field 6-12-97. Dry old field and disturbed prairie. Infrequent.			
10	<u>Eriophorum angustifolium</u>	Narrow-leaved cotton grass	CYPERACEAE	OBL
	LB 7-22-97. Bog. Uncommon.			
-	<u>Euonymus alatus</u>	Winged euonymus, burningbush	CELASTRACEAE	UPL
	PH 5-29-97. Disturbed mesic woods. Uncommon.			
4	<u>Eupatorium maculatum</u>	Spotted Joe Pye weed	COMPOSITAE	OBL
	HR Marsh 7-31-97, KW 5-29-97, PM 7-11-97, PM 6-13-97. Marshes, sedge meadows. Occasional			
4	<u>Eupatorium perfoliatum</u>	Common boneset	COMPOSITAE	FACW+
	McD sandpond 5-21-97, PM 7-12-97, PM 7-4-97, HR Marsh 7-31-97. Marshes, moist open areas. Frequent.			
7	<u>Eupatorium purpureum</u>	Purple Joe Pye weed	COMPOSITAE	UPL
	HR woods 7-30-97. Mesic woods. Uncommon			
4	<u>Eupatorium rugosum</u>	White snakeroot	COMPOSITAE	UPL
	KW woods 5-29-97, WJ woods 6-12-97. Disturbed woods. Occasional.			
2	<u>Euphorbia corollata</u>	Flowering spurge	EUPHORBIACEAE	UPL
	WJ woods edge, 6-13-97. PM woods edge 7-12-97. Dry open edge, old field. Occasional.			

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-	<u>Euphorbia cyparissias</u>	Cypress (graveyard) spurge	EUPHORBIACEAE	UPL
	Roadside near entrance 7-4-97. Roadside.	Uncommon.		
0	<u>Euphorbia supina</u>	Spotted creeping spurge	EUPHORBIACEAE	FACU-
	Roadside near PM parking entrance. Roadside.	Roadsides, trailsides in dry soil	Uncommon.	
-	<u>Festuca elatior</u>	Tall fescue	GRAMINEAE	FACU+
	Roadside near park entrance 7-6-97. Roadside,	trailside, disturbed ground.	Occasional.	
5	<u>Festuca obtusa</u>	Nodding fescue	GRAMINEAE	FACU+
	Woods W of PH 5-30-97, OR woods 6-22-97.	Mesic woods.	Occasional.	
-	<u>Festuca rubra</u>	Red fescue	GRAMINEAE	FAC-
	5-9-97. WJ, trailside. In seed mix?	frequently planted as turf, often spontaneous.		
1	<u>Fragaria virginiana</u>	Wild strawberry	ROSACEAE	FAC-
	HR 5-8-97, KM woods 5-28-97. Disturbed woods,	moist open areas.	Common.	
5	<u>Fraxinus americana</u>	White ash	OLEACEAE	FACU
	HR woods near road 5-30-97. Mesic woods.	Infrequent.		
10	<u>Fraxinus nigra</u>	Black ash	OLEACEAE	FACW-
	McD swampy woods 5-21-97. Uncommon.			
1	<u>Fraxinus pennsylvanica subintegerrima</u>	Green ash	OLDACEAE	FAC
	Mesic woods W of PH 5-28-97. Mesic woods,	open disturbed areas, edges.	Common.	
5	<u>Fraxinus pennsylvanica</u>	Red ash	OLEACEAE	FACW
	McD along river near berm. 5-21-97. Infrequent.	Moist river edges.		
1	<u>Galium aparine</u>	Annual bedstraw, Cleavers	RUBIACEAE	FACU
	NL woods 4-24-97, PH woods 5-29-97. Disturbed woods,	trailsides, edges.	Common.	
7	<u>Galium boreale</u>	Northern bedstraw	RUBIACEAE	FAC
	McD sandpond meadow 5-21-97, lower KM woods 5-28-97,	OR marsh 6-26-97. Moist meadows.	Occasional.	
5	<u>Galium concinnum</u>	Shining bedstraw	RUBIACEAE	[UPL]
	PH 5-29-97, KW 7-6-97. Mesic woods, edges.	Occasional.		
5	<u>Galium obtusum</u>	Wild madder	RUBIACEAE	FACW+
	HR marsh 5-4-97, PM 6-27-97, PM 6-13-97. Moist open ground,	marsh.		
8	<u>Galium tinctorium</u>	Stiff bedstraw	RUBIACEAE	OBL
	SMRA 5-30-97, PM 6-27-97, PM 6-13-97, LB 6-18-97. Marshes,	fens, sedge meadows.	Occasional.	
10	<u>Galium trifidum</u>	Small bedstraw	RUBIACEAE	[OBL]
	PM 6-27-97, HR Marsh 7-31-97. Marshes.	Infrequent.		
5	<u>Galium triflorum</u>	Sweet-scented bedstraw	RUBIACEAE	FACU+
	WJ woods 5-9-97, PH woods 5-29-97, PM woods 7-12-97.	Mesic/Upland woods.	Common.	
4	<u>Geranium maculatum</u>	Wild geranium	GERANIACEAE	[UPL]
	WJ, 5-9-97. HR 5-8-97. Upland and mesic woods,	edges, trailsides.	Common.	
1	<u>Geum canadense</u>	White avens, Wood avens	ROSACEAE	FAC
	LB woods, 7-4-97, KM woods 5-28-97. Upland and mesic woods.	Common.		
2	<u>Geum laciniatum trichocarpum</u>	Rough avens	ROSACEAE	FACW
	PW woods edge 7-6-97. HR marsh edge 7-31-97. Moist ground,	edges. Frequent.		
-	<u>Glechoma hederacea</u>	Ground ivy, creeping Charlie	LABIATAE	FACU
	WJ trailside, 5-9-97. Disurbed areas.	Common.		
8	<u>Glyceria septontrianalis</u>	Floating manna grass	GRAMINEAE	OBL
	LB moat 6-18-97. Shallow water-moat edge.	Uncommon.		
4	<u>Glyceria striata</u>	Fowl manna grass	GRAMINEAE	[FACW]
	PM 6-13-97, Woods W of PH 5-30-97, SMRA 7-11-97.	Mesic woods, moist meadows.	Frequent.	

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0	<u>Hackelia virginiana</u>	Stickseed	BORAGINACEAE	FAC-
	HR 5-8-97. Disturbed mesic woods, trailsides. Frequent.			
5	<u>Helenium autumnale</u>	Sneezeweed	COMPOSITAE	FACW+
	McD sandpond 5-14-97, PM 6-13-97. Open moist areas, calc. marshes, fens. Infrequent.			
2	<u>Helianthus grosseserratus</u>	Sawtooth sunflower	COMPOSITAE	FACW-
	McD sandpond 5-14-97, NW LD marshes 6-15-97. Open and disturbed moist areas, Common.			
5	<u>Helianthus hirsutus</u>	Hispid sunflower	COMPOSITAE	UPL
	PM woods 6-8-97. Upland woods. Occasional.			
5	<u>Helianthus strumosus</u>	Pale-leaved sunflower	COMPOSITAE	UPL
	WJ woods 6-12-97, HR woods 7-30-97. Dry woods. Occasional.			
-	<u>Hemerocallis fulva</u>	Orange day lily	LILIACEAE	UPL
	HR 5-8-97. Disturbed mesic woods. Occasional.			
9	<u>Hepatica americana</u>	Round-leaved hepatica	RANUNCULACEAE	UPL
	WJ woods 5-9-97, OR woods 6-26-97, HR woods 6-4-97. Upland woods. Rare.			
-	<u>Hesperis matronalis</u>	Dame's rocket	CRUCIFERAE	UPL
	KW parking edge 5-29-97. Disturbed areas, roadsides. Infrequent.			
8	<u>Heuchera richardsonii</u>	Prairie Alum Root	SAXIFRAGACEAE	FAC-
	WJ woods 5-9-97. Upland woods. Uncommon.			
-	<u>Hibiscus trionum</u>	Flower-of-an-hour	MALVACEAE	UPL
	WJ trailside 7-6-97. Disturbed ground, trailsides. Infrequent.			
-	<u>Hieracium caespitosum</u>	Canada hawkweed	COMPOSITAE	UPL
	Roadside near PM woods 6-8-97. Disturbed open dry areas. Uncommon.			
-	<u>Hordeum jubatum</u>	Squirrel-tail grass	GRAMINEAE	FAC+
	LD parking 7-13-97, NL parking 7-20-97. Dry disturbed ground, roadsides. Infrequent.			
-	<u>Hypericum perforatum</u>	Common St. John's wort	HYPERICACEAE	UPL
	WJ woods 5-9-97, PM woods 6-8-97. Disturbed upland woods, old fields, trailsides. Common.			
9	<u>Hypoxis hirsuta</u>	Yellow star grass	AMARYLLIDACEAE	FAC
	WJ wods 6-12-97. Dry open woods. Uncommon.			
8	<u>Hypericum virginicum fraseri</u>	Marsh St. John's wort	HYPERICACEAE	OBL
	LB bog edge 6-18-97. Bog edge. Infrequent.			
5	<u>Hystrix patula</u>	Bottlebrush grass	GRAMINEAE	UPL
	PM woods 7-12-97. Mesic woods. Uncommon.			
9	<u>Ilex verticillata</u>	Winterberry holly	AQUIFOLIACEAE	FACW+
	LB 7-22-97. Bog. Uncommon.			
3	<u>Inpatiens capensis</u>	Spotted orange touch-me-not	BALSAMINACEAE	FACW
	KM lower edge 5-28-97, KW 5-29-97, PM 6-8-97, HR Marsh 7-31-97. Mesic woods, marshes. Common.			
-	<u>Inula helenium</u>	Elecaupane	COMPOSITAE	UPL
	PM disturbed woods 6-8-97. Disturbed semi-open areas. Infrequent.			
-	<u>Ipomoea hederacea</u>	Ivy-leaved morning glory	CONVOLVULACEAE	FAC
	Disturbed area bordering office 7-30-97. Disturbed areas. Uncommon.			
-	<u>Iris flavescens</u>	Pale yellow iris	IRIDACEAE	UPL
	Remnant or escape from cultivation? Roadside across from office 6-15-97. Rare.			
-	<u>Iris germanica</u>	German iris	IRIDACEAE	UPL
	Remnant or escape from cultivation? Roadside across from office 6-15-97.			
5	<u>Iris virginica shrevei</u>	Blue flag iris	IRIDACEAE	OBL
	HR Marsh 5-29-97, PM 6-19-97, SMRA 5-30-97, LB moat edge 6-18-97, PM 7-4-97. Marshes. Occasional.			
5	<u>Juglans nigra</u>	Black walnut	JUGLANDACEAE	FACU
	Trail NE of Jack's house 5-28-97. Upland woods. Infrequent.			
4	<u>Juncus dudleyi</u>	Dudley's rush	JUNCACEAE	[FAC]
	McD sandpond 5-21-97, PM 6-13-97, LD boardwalk 6-15-97, PM 7-4-97. Moist field, sedge mead. Common.			
6	<u>Juncus nodosus</u>	Joint rush	JUNCACEAE	OBL
	McD sandpond 5-21-97 (prev. yr's). Moist open ground. Infrequent.			
0	<u>Juncus tenuis</u>	Path rush	JUNCACEAE	[FACU+]
	KM woods 5-28-97, PM woods 6-19-97. Disturbed woods, edges, trails. Common.			
4	<u>Juncus torreyi</u>	Torrey's rush	JUNCACEAE	FACW
	McD sand pond 5-14-97 (last yr's), NL pond 7-20-97. Pond edges. Uncommon.			
2	<u>Juniperus virginiana crebra</u>	Red cedar	PINACEAE	FACU
	Yellow Trail 5-21-97. Old fields. Infrequent.			

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-	<u>Lactuca serriola</u>	Prickly lettuce	COMPOSITAE	FAC
	Disturbed areas near office 7-31-97. Disturbed areas. Occasional.			
-	<u>Lamium amplexicaule</u>	Dead nettle, Henbit	LABIATAE	UPL
	McD parking 5-11-97, HR parking 5-8-97. Disturbed open areas, Infrequent.			
6	<u>Lathyrus palustris</u>	Winged marsh vetchling	LEGUMINOSAE	FACW
	McD marsh pond edge 5-21-97, HR marsh 7-31-97. Marsh, moist meadows. Occasional.			
6	<u>Lathyrus palustris myrtifolius</u>	Marsh vetchling	LEGUMINOSAE	FACW
	SMRA 5-30-97, FM 6-13-97, LD bdwalk 7-13-97, HR marsh 7-31-97. Moist open areas, marshes. Frequent.			
10	<u>Lechea intermedia</u>	Savanns pinweed	CICTACEAE	UPL
	WJ woods and nearby old field 6-12-97. Upland open woods and edge. Infrequent.			
4	<u>Leersia oryzoides</u>	Rice cut grass	GRAMINEAE	OBL
	LB bog 6-18-97, FM 7-4-97, HR Marsh 7-31-97. Pond edge, marsh. Occasional.			
7	<u>Leersia virginica</u>	White grass	GRAMINEAE	FACW
	OR woods 6-22-97, moist meadow near FM 7-4-97. Mesic woods. Occasional.			
5	<u>Lemna minor</u>	Small duckweed	LEMNACEAE	OBL
	LB moat 5-28-97, FM 7-4-97, NW LD marshes 4-14-97, HR Marsh 7-31-97. Aquatic. Abundant.			
5	<u>Lemna minuscula</u>	"Dinky duckweed"	LEMNACEAE	OBL
	Marshes NW of LD 4-14-97, PM 6-8-97. Marshes, ponds. Occasional			
5	<u>Lemna obscura</u>	Purple duckweed	LEMNACEAE	OBL
	Marshes NW of LD 4-24-97, HR Marsh 7-31-97. Marshes, ponds. Occasional.			
7	<u>Lemna trisulca</u>	Forked duckweed	LEMNACEAE	OBL
	NW LD marshes 4-15-97, LD bdwalk 4-24-97, LB moat 6-13-97, HR Marsh 7-31-97. Aquatic. Frequent.			
-	<u>Leonurus cardiaca</u>	Motherwort	LABIATAE	UPL
	NL woods 4-24-97. Disturbed woods, edges. Frequent.			
-	<u>Lepidium campestre</u>	Field cress	CRUCIFERAE	UPL
	HR 5-9-97. Disturbed moist open areas, trailsides. Frequent.			
-	<u>Lepidium densiflorum</u>	Small peppergrass	CRUCIFERAE	FAC
	WJ 6-12-97. Disturbed open areas, trailsides. Common.			
0	<u>Lepidium virginicum</u>	Common peppergrass	CRUCIFERAE	FACU-
	McD berm 5-15-97. Disturbed open dry areas, esp. gravel. Uncommon.			
4	<u>Lespedeza capitata</u>	Round-headed bush clover	LEGUMINOSAE	FACU
	WJ woods and trail, 6-12-97. Upland woods, disturbed prairie. Infrequent.			
7	<u>Liatris spicata</u>	Marsh Blazine Star	COMPOSITAE	FAC
	Sedge meadow by FM 7-10-97. Sedge meadow. Uncommon.			
6	<u>Liparis lilifolia</u>	Purple twayblade orchid	ORCHIDACEAE	FACU-
	Spur trail in back of site mgr's property 7-5-97. Disturbed woods. Rare.			
7	<u>Liparis loeselii</u>	Green(bog) twayblade orchid	ORCHIDACEAE	FACW+
	SMRA 7-11-97. Calc. sedge meadow. Rare.			
6	<u>Lobelia spicata</u>	Pale spiked lobelia	LOBELIACEAE	FAC
	WJ woods edge, 6-13-97. Dry/mesic open and semi-brushy slope. Infrequent.			
-	<u>Lolium multiflorum</u>	Italian Rye Grass	GRAMINEAE	UPL
	OR parking lot 6-26-97. Trailsides, didturbed ground. Infrequent.			
-	<u>Lolium perenne</u>	Perennial rye grass	GRAMINEAE	FACU
	WJ trailside 6-12-97. Trailsides, disturbed open ground. Frequent.			
-	<u>Lonicera x bella</u>	Showy fly honeysuckle	CAPRIFOLIACEAE	FACU-
	KW 5-29-97, KM woods 5-28-97. Disturbed woods, edges. Common. (Pink flowers.)			
-	<u>Lonicera japonica</u>	Japanese honeysuckle	CAPRIFOLIACEAE	FACU
	KW 5-29-97. Disturbed mesic woods trailside. Uncommon.			
-	<u>Lonicera maackii</u>	Amur honeysuckle	CAPRIFOLIACEAE	UPL
	Woods W of PH 5-30-97. Mesic woods. Uncommon.			

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-	<u>Lonicera x muscaviensis</u>	"Hybrid honeysuckle"	CAPRIFOLIACEAE	UPL
	KW 5-29-97. Disurbed woods, edges. Common. (White flowers.)			
7	<u>Lonicera prolifera</u>	Yellow honeysuckle	CAPRIFOLIACEAE	UPL
	Woods W of PH 5-30-97. Mesic woods. Uncommon.			
-	<u>Lotus corniculatus</u>	Bird's foot trefoil	LEGUMINOSAE	FAC-
	OR parking roadside 6-26-97. Old field, roadside. Infrequent.			
-	<u>Lychnis alba</u>	White campion	CARYOPHYLLACEAE	UPL
	Roadside near entrance 6-8-97, WJ parking 7-12-97. Disturbed areas, roadsides. Frequent.			
5	<u>Lycopus americanus</u>	Common water horehound	LABIATAE	OBL
	KM wet woods 5-28-97, SMRA 5-30-97, PM 6-8-97, HR Marsh 7-31-97. Marsh, sedge meadow, open moist areas. Common.			
7	<u>Lycopus uniflorus</u>	Northern bugleweed	LABIATAE	OBL
	LB 7-5-97, SMRA 7-11-97, PM 6-25-97, HR Marsh 7-31-97. Sedge meadows, marshes, mat edges. Occasional.			
-	<u>Lysimachia nummularia</u>	Moneywort	PRIMULACEAE	FACW+
	McD 5-21-97. Low disturbed areas, Infrequent.			
9	<u>Lysimachia quadriflora</u>	Narrow-leaved loosestrife	PRIMULACEAE	OBL
	McD sandpond 5-21-97 (last yr's), FM 7-5-97, SMRA 7-11-97. Marshes, open moist ground. Infrequent.			
9	<u>Lysimachia thyrsoiflora</u>	Tufted loosestrife	PRIMULACEAE	OBL
	LD boardwalk 6-15-97, PM 6-27-97, LB edge 6-18-97, HR Marsh 7-31-97. Marshes. Occasional.			
7	<u>Lythrum alatum</u>	Winged loosestrife	LYTHRACEAE	OBL
	PM 7-4-97, SMRA 7-11-97, NL pond 7-20-97. Sedge meadows, marshes. Occasional.			
-	<u>Lythrum salicaria</u>	Purple loosestrife	LYTHRACEAE	OBL
	PM 7-12-97. Marsh, sedge meadows. Occasional.			
8	<u>Maianthemum canadense interius</u>	Canada Mayflower	LILIACEAE	[OBL]
	WJ woods, 5-9-97. Upland woods. Rare.			
3	<u>Malus ioensis</u>	Iowa crabapple	ROSACEAE	UPL
	Edge of entrance parking lot 5-28-97. Edge, fencerow. Infrequent.			
-	<u>Malus pumila</u>	Domestic apple	ROSACEAE	UPL
	Picnic areas, trailsides. Occasional.			
-	<u>Malva neglecta</u>	Common mallow, cheeses	MALVACEAE	UPL
	Roadside near OR parking 6-26-97. Disturbed areas. Uncommon.			
-	<u>Matricaria matricarioides</u>	Pineapple Weed	COMPOSITAE	FACU
	McD trailside and picnic areas 5-14-97. Disturbed open areas, trails, parking edges. Common.			
-	<u>Medicago lupulina</u>	Black medic	LEGUMINOSAE	FAC-
	Disturbed trailside E of office 5-4-97. Disturbed dry open areas. Common.			
-	<u>Medicago sativa</u>	Alfalfa	LEGUMINOSAE	UPL
	Old field near OR parking 6-26-97. Old field, trailsides. Occasional.			
-	<u>Melilotus alba</u>	White sweet clover	LEGUMINOSAE	FACU
	Roadside near entrance 6-8-97. Disturbed areas, old fields, roadside, trails. Common.			
-	<u>Melilotus officinalis</u>	Yellow Sweet Clover	LEGUMINOSAE	FACU
	Roadside near entrance 6-8-97. Disturbed areas, old fields, roadsides, trails. Abundant.			
5	<u>Mentha arvensis villosa</u>	Wild mint	LABIATAE	[OBL]
	PM 6-19-97, FM 6-13-97, SMRA 7-11-97, HR Marsh 7-31-97. Marshes, sedge meadows. Occasional.			
10	<u>Menyanthes trifoliata minor</u>	Buckbean, bog bean	GENTIANACEAE	OBL
	PM 7-13-97. Calc. marsh. Rare.			

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-	<u>Mirabilis nyctaginea</u>	Wild four o'clock	NYCTAGINACEAE	UPL
	Old field near OR parking 6-26-97. Dry old field. Uncommon.			
4	<u>Monarda fistulosa</u>	Wild bergamont	LABIATAE	FACU
	Old field bordering OR woods 6-26-97. Disturbed dry old field. Occasional.			
10	<u>Monotropa uniflora</u>	Indian pipe	PYROLACEAE	FACU
	KM upland woods 7-22-97. Open upland woods. Infrequent.			
-	<u>Morus alba</u>	White mulberry	MORACEAE	FAC
	McD trailside 5-21-97. Disturbed areas. Occasional.			
5	<u>Muhlenbergia mexicana</u>	Leafy satin grass	GRAMINEAE	FACW
	HR Marsh 7-31-97. Marsh, moist edges. Occasional.			
-	<u>Myriophyllum spicatum</u>	European water milfoil	MYRICACEAE	OBL
	LD boardwalk, 4-24-97. Aquatic. Frequent.			
6	<u>Najas flexilis</u>	Slender naiad	NAJADACEAE	OBL
	LB moat 7-5-97. Shallow water aquatic. Occasional.			
-	<u>Nepeta cataria</u>	Catnip	LABIATAE	FAC-
	WJ trailsides, 5-9-97. Disturbed areas, trailsides. Common.			
8	<u>Nuphar variegatum</u>	Bullhead lily	NYMPHAEEAE	OBL
	LD boardwalk 7-13-97, FM 7-4-97. Lake Defiance edges. Aquatic. Occasional.			
7	<u>Nymphaea tuberosa</u>	White water lily	NYMPHAEEAE	OBL
	LB moat 5-28-97, LD boardwalk 7-13-97, FM 6-14-97, HR Marsh outlet 7-31-97. Aquatic. Occasional.			
0	<u>Oenothera biennis</u>	Common evening primrose	ONAGRACEAE	FACU
	Disturbed areas, fence row/edge. Common. PM 7-30-97 woods edge.			
3	<u>Osmorhiza claytonii</u>	Hairy sweet cicely	UMBELLIFERAE	FACU-
	WJ woods, 5-9-97. Upland and mesic woods. Common.			
3	<u>Osmorhiza longistylis</u>	Smooth sweet cicely	UMBELLIFERAE	FACU-
	PM woods 6-8-97. Mesic woods. Occasional.			
7	<u>Osmunda cinnamomea</u>	Cinnamon fern	OSMUNDACEAE	FACW
	Marsh NE of office 7-30-97. Marsh. Uncommon.			
8	<u>Onoclea sensibilis</u>	Sensitive fern	POLYPODIACEAE	FACW
	Sedge meadow W of KW 5-29-97, PM 7-11-97, HR Marsh 7-31-97. Marshes, sedge meadows. Infrequent.			
0	<u>Oxalis stricta</u>	Common wood sorrel	OXALIDACEAE	UPL
	McD parking edge, trailsides 5-14-97. Open disturbed areas, trailsides. Common.			
0	<u>Oxalis europea</u>	Tall wood sorrel	OXALIDACEAE	FACU
	Middle trail 7-20-97. Moist thicket by trailside. Infrequent.			
7	<u>Oxypolis rigidior</u>	Cowbane	UMBELLIFERAE	OBL
	PM 6-13-97, HR marsh 5-4-97. Calc. marsh, fen. Infrequent.			

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2	<u>Panicum implicatum</u>	Old-field panic grass	GRAMINEAE	FAC-
	WJ woods and field 6-12-97. Old field, dry open woods. Occasional.			
5	<u>Panicum latifolium</u>	Broad-leaved panic grass	GRAMINEAE	FACU
	Middle trail 7-20-97. Cut wooded bank. Uncommon.			
-	<u>Panicum millaceum</u>	Broom-corn millet	GRAMINEAE	UPL
	Disturbed ground near office 7-31-97. Disturbed areas. Rare.			
3	<u>Parietaria pensylvanica</u>	Pellitory	URTICACEAE	FACU
	OR woods 6-22-97, HR woods 7-30-97. Mesic woods. Uncommon.			
10	<u>Parnassia glauca</u>	Grass of Parnassus	SAXIFRAGACEAE	OBL
	FM 6-13-97. Fen. Rare.			
1	<u>Parthenocissus inserta</u>	Thicket creeper	VITACEAE	FACU
	Open areas near park office 6-15-97. Moist open areas, thickets. Occasional.			
2	<u>Parthenocissus quinquefolia</u>	Virginia creeper	VITACEAE	FAC-
	PH woods 5-29-97, KM woods 5-28-97. Mesic woods. Common.			
-	<u>Pastinaca sativa</u>	Wild parsnip	UMBELLIFERAE	FACU
	Roadside near office 6-15-97. Disturbed dry open ground, old field. Frequent.			
9	<u>Pedicularis lanceolata</u>	Fen betony	SCROPHULARIACEAE	[OBL]
	HR marsh 5-4-97. Calc. marsh. Uncommon.			
5	<u>Penthorum sedoides</u>	Ditch stonecrop	SAXIFRAGACEAE	OBL
	Low muddy spot near PM entrance boardwalk. Moist muddy area, marsh edge. Infrequent.			
-	<u>Phalaris arundinacea</u>	Reed canary grass.	GRAMINEAE	FACW+
	KM marshes 5-28-97, SMRA 5-30-97, PM 6-8-97, HR Marsh 7-31-97. Moist open/disturbed areas. Abundant.			
-	<u>Phleum pratense</u>	Timothy	GRAMINEAE	FACU
	PM woods edge 6-25-97, WJ trail 7-4-97. Disturbed old field, trailsides. Frequent.			
5	<u>Phlox divaricata</u>	Blue (Woodland) phlox	POLEMONIACEAE	FACU
	PH 5-29-97. Mesic woods. Infrequent.			
-	<u>Phragmites australis</u>	Common reedgrass	GRAMINEAE	FACW+
	FM 6-13-97. Disturbed marsh. Infrequent.			
3	<u>Physalis heterophylla</u>	Clammy ground cherry	SOLANACEAE	UPL
	WJ trailside, 5-24-97.			
5	<u>Pilea pumila</u>	Clearweed	URTICACEAE	FACW
	PM edge 6-27-97, PM 7-4-97, HR Marsh 7-31-97. Muddy areas. Occasional.			
-	<u>Plantago lanceolata</u>	English plantain	PLANTAGINACEAE	FAC
	LD parking 6-15-97. Disturbed areas, trailsides. Frequent.			
-	<u>Plantago major</u>	Common plantain	PLANTAGINACEAE	FAC+
	OR picnic ground 6-22-97. Trailsides, picnic areas. Abundant.			
0	<u>Plantago rugelii</u>	Red-stalked plantain	PLANTAGINACEAE	FAC
	OR picnic ground 6-22-97. Trailsides, picnic areas. Abundant.			
-	<u>Plantago major</u>	Common plantain	PLANTAGINACEAE	FAC+
	Disturbed areas. Abundant. Park office 7-28-97			
0	<u>Plantago rugelii</u>	Red-stalked plantain	PLANTAGINACEAE	FAC
	WJ trailside 5-9-97, KM woods 5-28-97. Mesic woods, moist old fields, trailsides. Abundant.			
-	<u>Poa annua</u>	Annual blue grass	GRAMINEAE	FAC-
	HR 5-8-97, McD 5-11-97. Disturbed moist open areas, picnic areas, trailsides. Common.			
-	<u>Poa compressa</u>	Canada blue grass	GRAMINEAE	FACU+
	WJ woods 5-9-97, KM woods 5-28-97. Disturbed woods, trailsides, roadsides, edges. Abundant.			
9	<u>Poa palustris</u>	Marsh blue grass	GRAMINEAE	FACW+
	PM 7-12-97, LD boardwalk 7-13-97. Marshes, marsh edges. Infrequent.			
-	<u>Poa pratensis</u>	Kentucky blue grass	GRAMINEAE	FAC-
	HR 5-8-97. Disturbed areas, trailsides. edges. Common.			
4	<u>Podophyllum peltatum</u>	May apple	BERBERIDACEAE	FACU
	HR 5-29-97, PM woods 7-12-97. Mesic woods. Occasional.			
5	<u>Polemonium reptans</u>	Jacob's ladder	POLEMONIACEAE	FAC
	FM 6-13-97, PM woods 6-8-97. Mesic woods, fens. Occasional.			
3	<u>Polygonatum canaliculatum</u>	Smooth Solomon's seal	LILIACEAE	FACU
	HR 5-8-97, KM woods 5-28-97. Mesic woods. Occasional.			

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4	<u>Polygonum amphibium stipulaceum</u>	Water heartsease	POLYGONACEAE	OBL
	PM 6-15-97, HR Marsh 7-31-97. Marshes, sedge meadows. Frequent.			
-	<u>Polygonum convolvulus</u>	Black bindweed	POLYGONACEAE	FAC-
	Near OR parking lot 6-26-97. Dry old field. Occasional.			
-	<u>Polygonum cuspidatum</u>	Japanese knotweed	POLYGONACEAE	FACU
	PH 5-29-97. Mesic woods trailsides. Uncommon.			
7	<u>Polygonum hydropiperoides</u>	Mild waterpepper	POLYGONACEAE	OBL
	WJ trailside 7-11-97. Low disturbed ground. Uncommon.			
0	<u>Polygonum lapathifolium</u>	Heartsease	POLYGONACEAE	FACW+
	PM 7-12-97. Marsh (near boardwalk). Uncommon.			
-	<u>Polygonum persicaria</u>	Lady's thumb knotweed	POLYGONACEAE	[FAC-]
	Office 6-13-97. Disturbed ground. Uncommon.			
6	<u>Polygonum punctatum</u>	Smartweed	POLYGONACEAE	OBL
	LB 7-22-97. Bog, marshes. Infrequent.			
-	<u>Populus alba</u>	White (silver) poplar	SALICACEAE	UPL
	Disturbed areas near office 5-15-97. Disturbed open areas, roadsides. Infrequent.			
2	<u>Populus deltoides</u>	Eastern cottonwood	SALICACEAE	FAC+
	Marsh edge E of office 5-15-97, KM woods edge 5-28-97. Marsh edge. Common.			
4	<u>Populus tremuloides</u>	Quaking aspen	SALICACEAE	FAC
	LD boardwalk 6-15-97. PM brushy edge 6-13-97. Marsh, open moist areas. Frequent.			
-	<u>Portulaca oleracea</u>	Purslane	PORTULACACEAE	FAC-
	Disturbed ground near office 7-30-97. Disturbed areas. Infrequent.			
-	<u>Potamogeton crispus</u>	Curly (beginner's) pondweed	ZOSTERACEAE	OBL
	McD berm pond 5-14-97, LD boardwalk 7-13-97. Aquatic. Occasional.			
0	<u>Potentilla norvegica</u>	Rough (Norway) cinquefoil	ROSACEAE	FAC
	McD old field 5-21-97, OR roadside 6-26-97, HR Marsh 7-31-97. Open disturbed moist areas. Frequent.			
10	<u>Potentilla palustris</u>	Marsh cinquefoil	ROSACEAE	OBL
	PM 6-25-97. Marshes. Uncommon.			
-	<u>Potentilla recta</u>	Sulfer (upright) cinquefoil	ROSACEAE	UPL
	PM picnic edge 6-8-97. Disturbed open areas, edges. Frequent.			
4	<u>Potentilla simplex</u>	Common cinquefoil	ROSACEAE	FACU-
	WJ woods 5-9-97. Upper and mesic woods, edges, trailsides. Common.			
0	<u>Prunella vulgaris lanceolata</u>	Self heal, carpenter's weed	LABIATAE	[FACU]
	KM woods 5-28-97. Disturbed woods, edge, moist open areas. Common.			
5	<u>Prunus americana</u>	Wild plum	ROSACEAE	UPL
	HR 5-8-97. Mesic woods, edges. Occasional.			
1	<u>Prunus serotina</u>	Wild black cherry	ROSACEAE	FACU
	HR 5-8-97, KM woods 5-28-97. Mesic woods, edges. Common.			
3	<u>Prunus virginiana</u>	Choke cherry	ROSACEAE	[FACU]
	WJ woods 5-9-97, KM woods 5-28-97. Mesic woods, brushy marsh edges, fencerow, trails. Abundant.			
5	<u>Pycnanthemum virginianum</u>	Common mountain mint	LABIATAE	FACW+
	FM 6-13-97, SMRA 7-11-97, HR Marsh 7-31-97. Marsh edges, sedge meadows, fen. Occasional.			
5	<u>Quercus alba</u>	White oak	FAGACEAE	FAC
	KM woods 5-28-97. Upland and mesic woods. Common.			
4	<u>Quercus coccinea (Q. ellipsoidalis)</u>	Scarlet (Hill's) oak	FAGACEAE	UPL
	KM woods 5-28-97. Upland woods. Frequent.			
7	<u>Quercus imbricaria</u>	Shingle oak	FAGACEAE	FAC-
	KM woods, 5-28-97. Upland woods. Uncommon.			
5	<u>Quercus macrocarpa</u>	Bur oak	FAGACEAE	FAC-
	KM woods 5-28-97. Upland woods, lower marsh edge woods, fencerows. Common.			
7	<u>Quercus rubra</u>	Red oak	FAGACEAE	FACU
	KM woods 5-28-97. Mesic woods. Frequent.			
6	<u>Quercus velutina</u>	Black oak	FAGACEAE	UPL
	East woods Yellow Trail 5-21-97, OR parking edge 6-22-97. Upland woods. Infrequent.			

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0	<u>Ranunculus abortivus</u>	Small-flowered buttercup	RANUNCULACEAE	FACW-
	WJ woods, 5-9-97. PH 5-29-97. Upland/mesic woods, edges, trailsides. Common.			
-	<u>Ranunculus acris</u>	Tall buttercup	RANUNCULACEAE	FACW-
	Disturbed ground near office 7-31-97. Disturbed areas. Uncommon.			
6	<u>Ranunculus fascicularis</u>	Early buttercup	RANUNCULACEAE	FACU
	NL woods 4-24-97, WJ Woods 5-9-97. Upland woods, nearby trailsides. Occasional.			
7	<u>Ranunculus flabellaris</u>	Yellow water crowfoot	RANUNCULACEAE	OBL
	McD Marsh pond 5-20-97. Shallow ponds. Infrequent.			
8	<u>Ranunculus longirostris</u>	White water crowfoot	RANUNCULACEAE	OBL
	McD marsh pond, 5-14-97. Shallow ponds. Infrequent.			
6	<u>Ranunculus pensylvanicus</u>	Bristly buttercup	RANUNCULACEAE	OBL
	HR Marsh 7-31-97. Marsh. Infrequent.			
5	<u>Ranunculus recurvatus</u>	Hooked buttercup	RANUNCULACEAE	FACW
	PH lower slope woods 5-28-97. Mesic woods slopes. Infrequent.			
6	<u>Ranunculus sceleratus</u>	Cursed buttercup	RANUNCULACEAE	OBL
	McD marsh pond edges 5-14-97. Low woods, muddy areas, Infrequent.			
5	<u>Ranunculus septentrionalis</u>	Swamp buttercup	RANUNCULACEAE	FACW+
	McD moist woods edge 5-21-97. Uncommon.			
-	<u>Rhamnus cathartica</u>	Common buckthorn	RHAMNACEAE	FACU
	KM woods 5-28-97. Disturbed woods, edges. Common.			
-	<u>Rhamnus frangula</u>	Glossy buckthorn	RHAMNACEAE	FAC+
	PM brush 6-13-97 LB moat edge 5-28-97, PM 6-8-97, HR Marsh 7-31-97. Disturbed marsh edges, wet woods. Common.			
1	<u>Rhus glabra</u>	Smooth sumac	ANACARDIACEAE	UPL
	PM picnic edge 6-8-97. Edges, old fields, roadsides. Frequent.			
2	<u>Rhus radicans</u>	Poison ivy	ANACARDIACEAE	FAC+
	KM woods 5-28-97. Disturbed mesic and upland woods. Common.			
1	<u>Rhus typhina</u>	Staghorn sumac	ANACARDIACEAE	UPL
	Trailside near office 5-4-97. Old field, roadside, trailsides. Frequent.			
7	<u>Ribes americanum</u>	Wild black currant	SAXIFRAGACEAE	FACW
	McD low woods, 5-14-97. Mesic woods. Uncommon.			
5	<u>Ribes missouriense</u>	Wild gooseberry	SAXIFRAGACEAE	UPL
	NL woods, 4-24-97. Disturbed woods. Infrequent.			
-	<u>Robinia pseudoacacia</u>	Black locust	LEGUMINOSAE	FACU-
	KW 5-8-97, trailside woods 5-4-97. Disturbed woods, edges. Frequent.			
4	<u>Rorippa palustris fernaldiana</u>	Marsh cress	CRUCIFERAE	OBL
	NL pond 7-20-97. Muddy pond edge. Uncommon.			
5	<u>Rosa carolina</u>	Pasture rose	ROSACEAE	FACU-
	Entrance road 7-4-97. Roadside. Uncommon.			
-	<u>Rosa multiflora</u>	Multiflora (Japanese) rose	ROSACEAE	FACU
	HR 5-8-97, KM woods 5-28-97. Disturbed areas, edges, trailsides. Common.			
3	<u>Rubus allegheniensis</u>	Common blackberry	ROSACEAE	FACU+
	OR woods 6-26-97. Disturbed woods, edges. Frequent.			
3	<u>Rubus flagellaris</u>	Common dewberry	ROSACEAE	FACU-
	WJ woods 6-12-97. Disturbed woods, edges. Frequent.			
3	<u>Rubus idaeus strigosus</u>	Red raspberry	ROSACEAE	FACU-
	NL woods 4-24-97. Mesic woods. Occasional.			
2	<u>Rubus occidentalis</u>	Black raspberry	ROSACEAE	UPL
	KM woods 5-28-97. Mesic woods, trailsides. Common.			
1	<u>Rudbeckia hirta</u>	Black-eyed susan	COMPOSITAE	FACU
	Meadow edge near PM 7-4-97, NL old fields 7-21-97. Open moist or dry fields. Occasional.			
-	<u>Rumex acetosella</u>	Field sorrel	POLYGONACEAE	[FACU]
	WJ trailside 6-13-97. Disturbed ground. Frequent.			
-	<u>Rumex crispus</u>	Curly dock	POLYGONACEAE	FAC+
	LD parking lot 7-12-97. Disturbed open areas, trailsides, old fields. Common.			
8	<u>Rumex orbiculatus</u>	Great water dock	POLYGONACEAE	OBL
	HR marsh 5-30-97, PM 7-12-97. Marshes. Infrequent.			
4	<u>Sagittaria latifolia</u>	Common arrowhead	ALISMACEAE	OBL
	PM 6-8-97, LB bog edge 7-5-97. Marshes, bog edge, pond edges. Occasional.			

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10	<u>Sagittaria rigida</u>	Stiff arrowhead	ALISMACEAE	OBL
	LB moat 6-18-97. Shallow pond edge. Infrequent.			
-	<u>Salix alba vitellina</u> (*S.babylonica*)	Weeping willow (local cult)	SALICACEAE	FACW+
	Pond near park entrance road 4-24-97. Disturbed areas near previous human habitation. Rare.			
8	<u>Salix bebbiana</u>	Beaked willow	SALICACEAE	FACW+
	YT brushy edges 5-21-97, LD bdwalk 7-13-97, Office marsh 6-4-97. Brushy marsh edges. Occasional.			
2	<u>Salix discolor</u>	Pussy willow	SALICACEAE	FACW
	HR marsh 5-15-97, PM 6-13-97, LD boardwalk 6-15-97. Disturbed and moistopen areas, marshes. Common.			
5	<u>Salix eriocephala</u> (S. cordata)	Heart-leaved willow	SALICACEAE	FACW
	McD sandpond 5-21-97, LD boardwalk 6-15-97. Open moist areas, marshes. Occasional.			
1	<u>Salix interior</u> (S. exigua)	Sandbar willow	SALICACEAE	OBL
	SMRA 5-30-97, NL pond 7-20-97. Open moist ground and edges. Occasional.			
1	<u>Salix interior wheeleri</u>	Sericious sandbar willow	SALICACEAE	OBL
	SMRA 5-30-97. Sedge meadow edge. Infrequent.			
4	<u>Salix nigra</u>	Black willow	SALICACEAE	OBL
	McD swampy woods 5-14-97, LB moat 7-4-97. Marsh edges. Infrequent.			
10	<u>Salix pedicellaris hypoglauca</u>	Bog wilow	SALICACEAE	OBL
	PM 7-12-97. Calc. marsh. Rare.			
7	<u>Salix petiolaris</u>	Meadow (petioled) willow	SALICACEAE	FACW+
	PM 6-25-97. Marshes. Infrequent.			
-	<u>Salix (x rubens)</u> (S.alba x S.fragilis)	Hybrid crack willow	SALICACEAE	FACW+
	KM lower woods 5-28-97. Marsh/river edges. Occasional.			
1	<u>Sambucus canadensis</u>	Elderberry	CAPRIFOLIACEAE	FACW-
	KM woods 5-28-97, McD trailside 5-14-97. Marsh edge, trailsides, mesic woods. Occasional.			
6	<u>Sanguinaria canadensis</u>	Bloodroot	PAPAVERACEAE	FACU-
	KW trailside and slope 5-29-97. Mesic woods. Uncommon.			
7	<u>Sanicula canadensis</u>	Canadian black snakeroot	UMBELLIFERAE	FACU+
	WJ woods 5-9-97, McD old field 5-14-97, KM woods 5-28-97, OR woods 6-26-97. Upland/mesic woods. Common.			
10	<u>Sarracenia purpurea</u>	Pitcher plant	SARRACENIACEAE	OBL
	PM 7-30-97. Marsh edge. Infrequent.			
10	<u>Saxifraga pensylvanica</u>	Swamp saxifrage	SAXIFRAGACEAE	FACW
	HR marsh 5-15-97, PM 6-13-97. Marshes, fens. Infrequent.			
6	<u>Scirpus acutus</u>	Hard-stemmed bulrush	CYPERACEAE	OBL
	McD sandpond, 5-21-97. Marsh. Uncommon.			
4	<u>Scirpus atrovirens</u>	Dark green rush	CYPERACEAE	OBL
	FM 7-4-97, SMRA 7-11-97, NL pond 7-20-97, HR Marsh 7-31-97. Open moist ground, marsh. Occasional.			
6	<u>Scirpus cyperinus</u>	Wool grass	CYPERACEAE	OBL
	Sedge meadow W of KW 5-29-97 (last yr's), LB 7-22-97. Sedge meadow, bog. Infrequent.			
4	<u>Scirpus pendulus</u>	Red bulrush	CYPERACEAE	OBL
	NL pond 7-20-97. Wet open area. Infrequent.			
5	<u>Scirpus pungens</u> (S. americanus)	Chairmaker's rush	CYPERACEAE	OBL
	McD sandpond 5-14-97, PM 7-10-97. Open moist areas. Uncommon.			
5	<u>Scirpus validus creber</u>	Great bulrush	CYPERACEAE	OBL
	FM 6-13-97, LD boardwalk 7-13-97, LB moat 6-18-97. Marsh and lake edge. Frequent.			
4	<u>Scrophularia marilandica</u>	Late figwort	SCROPHULARIACEAE	FACU-
	KM woods 5-28-97. Disturbed woods, trailsides. Frequent.			
5	<u>Scutellaria epilobiifolia</u>	Marsh skullcap	LABIATAE	OBL
	PM 6-25-97, FM 7-4-97, LB edge 7-5-97, HR Marsh 7-31-97. Marsh, bog edge. Occasional.			
5	<u>Scutellaria lateriflora</u>	Mad-dog skullcap	LABIATAE	OBL
	LB floating edges of moat 6-18-97, PM 7-12-97, HR Marsh 7-31-97. Mat edge, marsh. Frequent.			
10	<u>Selaginella apoda</u>	Marsh club moss	SELAGINELLACEAE	FACW+
	Sedge meadow W of KW 5-29-97, SMRA 5-30-97. Sedge meadow. Infrequent.			
6	<u>Senecio pauperculus</u>	Balsam ragwort	COMPOSITAE	FAC+
	Sedge meadow of FM 6-13-97. Moist areas. Uncommon.			
6	<u>Senecio plattensis</u>	Prairie ragwort	COMPOSITAE	FACU-
	HR 5-29-97. KM woods 7-4-97. Mesic woods slopes. Infrequent.			
-	<u>Setaria glauca</u>	Yellow foxtail	GRAMINEAE	FAC
	Disturbed ground near office 7-30-97. Disturbed areas. Infrequent.			

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-	<u>Setaria viridis</u>	Bristly foxtail	GRAMINEAE	[FAC-]
	WJ trailside 7-4-97. Disturbed ground, roadsides, trailsides. Occasional.			
6	<u>Silene stellata</u>	Starry campion	CARYOPHYLLACEAE	UPL
	OR woods 6-26-97, HR Woods 7-31-97. Mesic woods. Uncommon.			
-	<u>Sisymbrium altissimum</u>	Tumble mustard	CRUCIFERAE	FACU
	Roadside near HR parking 5-25-97. Disturbed areas. Rare.			
7	<u>Sisyrinchium albidum</u>	Common blue-eyed grass	IRIDACEAE	FACU
	McD sandpond 5-21-97, KM woods 5-28-97, WJ meadow 6-14-97. Moist meadows and woods. Infrequent.			
7	<u>Sium suave</u>	Tall water parsnip	UMBELLIFERAE	OBL
	McD marsh pond 5-14-97, LD boardwalk 6-15-97. Marshes, shallow ponds. Infrequent.			
3	<u>Smilacena racemosa</u>	Feathery false Solomon's seal	LILIACEAE	FACU
	KM woods 5-28-97. Mesic woods, edges. Frequent.			
5	<u>Smilacina stellata</u>	Starry false Solomon's seal	LILIACEAE	FAC-
	WJ 5-9-97, HR Marsh 7-31-97. Upland woods, trailsides, sedge meadow. Frequent.			
5	<u>Smilax echinrhata</u>	Upright carrion flower	LILIACEAE	UPL
	PH woods 5-19-97. Mesic woods. Occasional.			
5	<u>Smilax lasioneura</u>	Common carrion flower	LILIACEAE	[UPL]
	HR woods 5-15-97. Mesic woods. Infrequent.			
0	<u>Solanum americanum</u>	Black nightshade	SOLANACEAE	FACU-
	PM in boardwalk 7-12-97. Disturbed open area. Uncommon.			
-	<u>Solanum carolinense</u>	Horse nettle	SOLANACEAE	FACU-
	WJ 7-4-97. Trailsides, dry disturbed ground. Infrequent.			
-	<u>Solanum dulcamara</u>	Bittersweet nightshade	SOLANACEAE	FAC
	PM 7-12-97, HR Marsh 7-31-97. Disturbed moist areas, marsh. Frequent.			
1	<u>Solidago altissima</u>	Tall goldenrod	COMPOSITAE	FACU
	WJ trailside 6-12-97. Disturbed open areas, trailsides, old fields. Abundant.			
4	<u>Solidago gigantea</u>	Late goldenrod	COMPOSITAE	FACW
	SMRA 5-30-97, PM 6-13-97. Fens, marshes, sedge meadows, other moist open areas. Common.			
3	<u>Solidago graminifolia nutallii</u>	Grass leaved goldenrod	COMPOSITAE	[FAC]
	Moist meadow downslope of WJ 6-13-97. Moist open areas. Common.			
9	<u>Solidago ohioensis</u>	Ohio goldenrod	COMPOSITAE	OBL
	SMRA 7-11-97, PM 7-4-97. Fens, calc. marshes. Infrequent.			
4	<u>Solidago rigida</u>	Stiff goldenrod	COMPOSITAE	FACU-
	Yellow trail old field 5-24-97. Disturbed prairie, old field. Infrequent.			
5	<u>Solidago ulnifolia</u>	Elm-leaved goldenrod	COMPOSITAE	UPL
	6-15-97 roadside woods near KW. Disturbed woods, edges. Occasional.			
-	<u>Sorbus aucuparia</u>	European mountain ash	ROSACEAE	FAC
	WJ woods 6-12-97. Open upland woods. Rare.			
6	<u>Sparganium eurycarpum</u>	Common bur reed	SPARGANIACEAE	OBL
	LB moat 7-5-97, LD boardwalk 7-13-97. Shallow water of moat and lake edge. Occasional.			
4	<u>Sphenopholis intermedia</u>	Slender wedge grass	GRAMINAE	FAC
	PM edge 6-25-97, HR Marsh 7-31-97. Moist open ground. Infrequent.			
7	<u>Spiraea alba</u>	Meadowsweet	ROSACEAE	FACW+
	LD marsh 4-24-97, SMRA 7-11-97. Sedge meadows, marshes. Infrequent.			
7	<u>Spirodela polyrhiza</u>	Great duckweed	LEMNACEAE	OBL
	LD boardwalk 7-13-97, PM 7-12-97, LB moat 7-4-97, HR Marsh outlet 7-31-97. Aquatic. Occasional.			
5	<u>Stachys palustris homotricha</u>	Woundwort	LABIATAE	
	PM 6-8-97. Marshes. Infrequent.			
5	<u>Stachys tenuifolia hispida</u>	Marsh hedge nettle	LABIATAE	FACW+
	McD brushy marsh edge. Moist brushy areas. Uncommon.			
-	<u>Stellaria media</u>	Common chickweed	CARYOPHYLLACEAE	FACU
	McD trailsides near picnic area 5-14-97. Disturbed ground, trailsides, picnic areas. Infrequent.			
-	<u>Syringa vulgaris</u>	Lilac	OLEACEAE	UPL
	Roadside 5-24-97. Disturbed open areas. Rare.			

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-	<u>Taraxacum officinale</u>	Common dandelion	COMPOSITAE	FACU
	HR 5-8-97, KM woods 5-28-97. Disturbed areas, trailsides, picnic areas, roadsides. Abundant.			
5	<u>Thalictrum dasycarpum</u>	Purple meadow rue	RANUNCULACEAE	FACW-
	Sedge meadow E of office 5-4-97. Sedge meadow. Infrequent.			
5	<u>Thalictrum dasycarpum hypoglaucaum</u>	Smooth meadow rue	RANUNCULACEAE	FACW-
	Sedge meadow downslope of KW 5-29-97. Sedge meadow. Occasional.			
7	<u>Thalictrum dioicum</u>	Early meadow rue	RANUNCULACEAE	FACU+
	KW lower slope 5-29-97. Mesic woods. Infrequent.			
6	<u>Thalictrum revolutum</u>	Waxy meadow rue	RANUNCULACEAE	FAC
	SMRA 7-11-97. Sedge meadow. Occasional.			
-	<u>Thlaspi arvense</u>	Penny cress	CRUCIFERAE	UPL
	WJ trailside 5-9-97. Disturbed areas, roadsides, trails. Common.			
5	<u>Tilia americana</u>	Basswood, American linden	TILIACEAE	FACU
	HR 5-8-97. Mesic woods. Occasional.			
-	<u>Torilis japonica</u>	Japanese hedge parsley	UMBELLIFERAE	UPL
	OR woods 6-22-97. Mesic woods/sedge meadow edge. Infrequent.			
-	<u>Tragopogon pratensis</u>	Common goat's beard	COMPOSITAE	UPL
	Old field near OR parking 6-26-97. Roadsides, old field. Occasional.			
2	<u>Tradescantia ohioensis</u>	Common spiderwort	COMMELINACEAE	FACU+
	WJ brushy field edge 6-13-97. Disturbed prairie. Uncommon.			
-	<u>Trifolium hybridum</u>	Alsike clover	LEGUMINOSAE	FAC-
	Old field near OR parking 6-26-97. Disturbed ground, trailsides. Occasional.			
-	<u>Trifolium pratense</u>	Red clover	LEGUMINOSAE	UPL
	KM woods 5-28-97. Disturbed open areas, trailsides. Common.			
-	<u>Trifolium repens</u>	White clover	LEGUMINOSAE	FACU+
	KM woods 5-28-97. Disturbed open areas, trailsides. Common.			
5	<u>Triosteum perfoliatum</u>	Late horse gentian	CAPRIFOLIACEAE	UPL
	Disturbed prairies McD 5-21-97. Disturbed savannas, prairies. Infrequent.			
-	<u>Triticum aestivum</u>	Wheat	GRAMINEAE	UPL
	WJ trailside 6-12-97. Trailsides. Rare.			
1	<u>Typha angustifolia</u>	Narrow-leaved cattail	TYPHACEAE	OBL
	NL pond 7-20-97. Disturbed wet areas. Infrequent.			
1	<u>Typha latifolia</u>	Common (broad-ld.) cattail	TYPHACEAE	OBL
	LB moat 5-28-97, PM 7-12-97, LD bdwalk 7-13-97, HR Marsh 7-31-97. Marshes, lake edges, ditches. Common.			
3	<u>Ulmus americana</u>	American elm	ULMACEAE	FACW-
	McD 5-21-97. Disturbed woods. Occasional.			
4	<u>Ulmus rubra</u>	Slippery (red) elm	ULMACEAE	FAC
	HH woods. 5-28-97. Disturbed mesic woods.			
-	<u>Ulmus pumila</u>	Siberian elm	ULMACEAE	UPL
	HR 5-8-97, PM parking edge 5-29-97. Disturbed areas, trailsides. Occasional.			
2	<u>Urtica procera</u>	Tall stinging nettle	URTICACEAE	FAC+
	LB moat edge 6-18-97, marsh near office 5-4-97. Marsh edge, disturbed moist woods. Common.			
10	<u>Utricularia intermedia</u>	Flat-leaved bladderwort	LENTIBULARIACEAE	OBL
	PM 6-25-97. Calc. marsh. Infrequent.			
10	<u>Utricularia minor</u>	Small bladderwort	LENTIBULARIACEAE	OBL
	PM 6-25-97. Calc. marsh in shallow water. Infrequent.			
9	<u>Utricularia vulgaris</u>	Great bladderwort	LENTIBULARIACEAE	OBL
	LD boardwalk 4-24-97, 7-13-97, FM 7-4-97. Marshes. Occasional.			
7	<u>Ovularia grandiflora</u>	Bellwort	LILIACEAE	UPL
	PH woods 5-14-97. Mesic woods. Infrequent.			

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7	<u>Vallisneria americana</u>	Eel grass, tape grass	HYDROCHARITACEAE	OBL
	6-18-97 LB moat, BTM outlet 5-21-97.	Aquatic. Infrequent.		
-	<u>Verbascum thapsus</u>	Common mullein	SCROPHULARIACEAE	UPL
	HR 5-8-97. Disturbed open areas, edges, trailsides.	Frequent.		
0	<u>Verbena bracteata</u>	Creeping vervain.	VERBENACEAE	FACU
	Roadside near entrance 7-4-97. Disturbed dry ground, trails, roadsides.	Infrequent.		
4	<u>Verbena hastata</u>	Blue vervain	VERBENACEAE	FACW+
	HR marsh 5-30-97, PM 7-12-97, SMRA 7-11-97. Marshes.	Frequent.		
4	<u>Verbena stricta</u>	Hoary vervain	VERBENACEAE	UPL
	KN woods 5-28-97. Open upland woods, old fields.	Occasional.		
5	<u>Verbena urticifolia</u>	Hairy white vervain	VERBENACEAE	UPL
	PH 5-29-97. Upland woods, trailsides.	Occasional.		
-	<u>Veronica arvensis</u>	Corn speedwell	SCROPHULARIACEAE	FACU
	HR 5-8-97. Picnic areas.	Frequent.		
0	<u>Veronica peregrina</u>	Purslane seppewell	SCROPHULARIACEAE	UPL
	McD parking edge 5-12-97, trailside E of office 5-4-97.	Disturbed moist areas. Infrequent.		
-	<u>Veronica serpyllifolia</u>	Thyme-leaved speedwell	SCROPHULARIACEAE	[FAC]
	McD trailside near dam 5-14-97. Disturbed areas, trailsides, picnic areas.	Frequent.		
5	<u>Viburnum lentago</u>	Nannyberry	CAPRIFOLIACEAE	FAC+
	Yellow trail 5-21-97, SMRA 5-30-97	Marsh edges, shrub-carr, mesic wood slopes. Frequent.		
-	<u>Viburnum opulus</u>	European highbush cranberry	CAPRIFOLIACEAE	[FACU]
	KN woods 5-28-97, PM woods 6-19-97. Disturbed woods, edge.	Frequent.		
5	<u>Viburnum rafinesquianum</u>	Downy arrow-wood	CAPRIFOLIACEAE	UPL
	PH woods 5-15-97. Mesic woods.	Infrequent.		
-	<u>Viburnum recognitum</u>	Smooth arrow-wood	CAPRIFOLIACEAE	FACW-
	OR woods 6-26-97. Mesic woods.	Uncommon.		
7	<u>Vicia americana</u>	American vetch	LEGUMINOSAE	UPL
	Trail edge W of KW 5-29-97. Mesic woods.	Rare.		
4	<u>Viola affinis</u>	LeConte's violet	VIOLACEAE	FACW
	McD 5-14-97, KN low woods 5-28-97, SMRA 5-30-97, LD trail 6-15-97.	Moist woods, marsh edge. Infrequent.		
4	<u>Viola missouriensis</u>	Missouri violet	VIOLACEAE	[FAC]
	McD swampy woods edge, 5-14-97. Moist woods edge near floodplain.	Uncommon.		
9	<u>Viola nephrophylla</u>	Northern bog violet	VIOLACEAE	[OBL]
	SMRA 5-14-97. Calc. sedge meadow.	Uncommon.		
10	<u>Viola palmata</u>	Lobed violet	VIOLACEAE	UPL
	Trailside E of office. Disturbed savanna. Rare.			
9	<u>Viola pedata linariiloba</u>	Bird's foot violet	VIOLACEAE	UPL
	WJ woods 6-13-97. Open upland woods.	Uncommon.		
5	<u>Viola pensylvanica</u> (S/W <u>Viola pubescens</u>)	Yellow violet	VIOLACEAE	FACU-
	PM woods 6-8-97, OR woods 6-26-97. Mesic and upland woods.	Infrequent.		
-	<u>Viola priceana</u> (<u>V. sororia</u> , which see)	Confederate violet	VIOLACEAE	FAC
	Trailside E of office 5-15-97. Trailside, moist areas.	Uncommon.		
3	<u>Viola sororia</u> (Incl. <u>V. papilionacea</u>)	Common blue violet	VIOLACEAE	FAC
	WJ woods, 5-9-97. Disturbed areas, upland/mesic woods, picnic, trailsides.	Very common.		
2	<u>Vitis riparia</u>	Riverbank grape	VITACEAE	FACW-
	KN woods 5-28-97. Upland and mesic woods, edges.	Common.		
7	<u>Wolffia columbiana</u>	American water meal	LEMNACEAE	OBL
	NW LD marshes 4-14-97, LB moat 5-28-97, PM 7-4-97, HR Marsh outlet 7-31-97.	Aquatic. Occasional.		
-	<u>Xanthium strumarium</u>	Cocklebur	COMPOSITAE	FAC
	LD parking trailside 6-13-97. Dry disturbed ground.	Occasional.		
3	<u>Xanthoxylum americanum</u>	Prickly ash	RUTACEAE	UPL
	OR woods 6-26-97. Mesic sloping woods.	Uncommon.		
7	<u>Zizia aurea</u>	Golden Alenders	UMBELLIFERAE	FAC+
	YP west near BTM 5-24-97, W LD trail 7-20-97. Moist old field edge.	Uncommon.		