

SITE: Walnut Creek NWR
COUNTY: Jasper Co., IA
DATE: 6 December 1993
BY: US FWS
FILENAME: Walnut1.wk1

FLORISTIC QUALITY DATA	NATIVE	80.3%	ADVENTIVE	19.7%	CC No.	%
318 NATIVE TAXA	32 Tree	8.1%	8 Tree	2.0%	* 78	19.7%
396 Total Taxa	25 Shrub	6.3%	7 Shrub	1.8%	0 20	5.1%
4.00 NATIVE QUALITY	7 W-Vine	1.8%	1 W-Vine	0.3%	1 23	5.8%
3.24 W/Adventives	8 H-Vine	2.0%	0 H-Vine	0.0%	2 29	7.3%
71.27 NATIVE INDEX	155 P-Forb	39.1%	18 P-Forb	4.5%	3 49	12.4%
64.57 W/Adventives	9 B-Forb	2.3%	10 B-Forb	2.5%	4 69	17.4%
0.8 NATIVE WETNESS	33 A-Forb	8.3%	14 A-Forb	3.5%	5 54	13.6%
1.2 W/Adventives	34 P-Grass	8.6%	8 P-Grass	2.0%	6 32	8.1%
FACULTATIVE (-)	5 A-Grass	1.3%	12 A-Grass	3.0%	7 19	4.8%
	3 P-Sedge	0.8%	0 P-Sedge	0.0%	8 3	0.8%
	0 A-Sedge	0.0%	0 A-Sedge	0.0%	9 9	2.3%
	7 Fern	1.8%	0 Fern	0.0%	10 7	1.8%

Walnut Creek NWR
Iowa
6 December 1993

ACRONYM	CC SCIENTIFIC NAME	COMMON NAME	CW WETNESS	PHYSIOG
ABUTH	* ABUTILON THEOPHRASTI	Velvetleaf	4 FACU-	Ad A-FORB
ACARH	0 Acalypha rhomboidea	Rhombic Copperleaf	3 FACU	Nt A-FORB
ACENE	1 Acer negundo	Box Elder	-2 FACW-	Nt TREE
ACENI	6 Acer nigrum	Black Maple	5 UPL	Nt TREE
ACESIL	1 Acer saccharinum	Silver Maple	-3 FACW	Nt TREE
ACHMI	* ACHILLEA MILLEFOLIUM	Yarrow	3 FACU	Ad P-FORB
ADIPE	6 Adiantum pedatum	Maidenhair Fern	1 FAC-	Nt FERN
AESGL	5 Aesculus glabra	Ohio Buckeye	-1 FAC+	Nt TREE
AGANE	4 Agastache nepetoides	Yellow Giant Hyssop	3 FACU	Nt P-FORB
AGASC	7 Agastache scrophulariaefolia	Purple Giant Hyssop	5 UPL	Nt P-FORB
AGRGI	* AGROSTIS ALBA	Corn Cockle	5 UPL	Ad A-FORB
AGRGR	6 Agrimonia gryposepala	Tall Agrimony	2 FACU+	Nt P-FORB
AGRHY	2 Agrostis hyemalis	Tickle Grass	1 FAC-	Nt P-GRASS
AGRPE	3 Agrostis perennans	Upland Bent	1 FAC-	Nt P-GRASS
AGRPV	4 Agrimonia pubescens	Soft Agrimony	5 UPL	Nt P-FORB
AGRRE	* AGROPYRON REPENS	Quack Grass	3 FACU	Ad P-GRASS
AGRSM	1 Agropyron smithii	Western Wheat Grass	2 FACU+	Nt P-GRASS
ALISU	4 Alisma subcordatum	Common Water Plantain	-5 OBL	Nt P-FORB
ALLOF	* ALLIARIA OFFICINALIS	Garlic Mustard	0 FAC	Ad B-FORB
AMAHY	* AMARANTHUS HYBRIDUS	Green Amaranth	5 UPL	Ad A-FORB
AMARE	* AMARANTHUS RETROFLEXUS	Rough Amaranth	2 FACU+	Ad A-FORB
AMBAR	0 Ambrosia artemisiifolia	Common Ragweed	3 FACU	Nt A-FORB
AMBTR	0 Ambrosia trifida	Giant Ragweed	-1 FAC+	Nt A-FORB
AMOFR	6 Amorpha fruticosa	Indigo Bush	-4 FACW+	Nt SHRUB
AMPBR	4 Amphicarpa bracteata	Hog Peanut	0 FAC	Nt H-VINE
ANDGE	5 Andropogon gerardi	Big Bluestem	1 FAC-	Nt P-GRASS
ANDSC	5 Andropogon scoparius	Little Bluestem	4 FACU-	Nt P-GRASS
ANECAN	6 Anemone canadensis	Meadow Anemone	-3 FACW	Nt P-FORB
ANECY	9 Anemone cylindrica	Thimbleweed	5 UPL	Nt P-FORB
ANEVI	4 Anemone virginiana	Tall Anemone	5 UPL	Nt P-FORB
ANTNE	4 Antennaria neglecta	Field Cat's Foot	5 UPL	Nt P-FORB
ANTPL	5 Antennaria plantaginifolia	Pussy's Toes	5 UPL	Nt P-FORB
APIAM	6 Apios americana	Groundnut	-3 FACW	Nt H-VINE
APOSI	2 Apocynum sibiricum	Indian Hemp	-1 FAC+	Nt P-FORB
AQUCA	6 Aquilegia canadensis	Columbine	1 FAC-	Nt P-FORB
ARCMJ	* ARCTIUM MINUS	Common Burdock	5 UPL	Ad B-FORB
ARIAT	6 Arisaema atrorubens	Jack-In-The Pulpit	-2 FACW-	Nt P-FORB
ARIDR	6 Arisaema dracontium	Green Dragon	-3 FACW	Nt P-FORB
ARTLU	3 Artemisia ludoviciana	White Sage	5 UPL	Nt P-FORB
ASCAM	9 Asclepias amplexicaulis	Sand Milkweed	5 UPL	Nt P-FORB
ASCHI	5 Asclepias hirtella	Tall Green Milkweed	5 UPL	Nt P-FORB
ASCIN	5 Asclepias incarnata	Swamp Milkweed	-5 OBL	Nt P-FORB
ASCSUL	9 Asclepias sullivantii	Prairie Milkweed	5 UPL	Nt P-FORB
ASCSY	0 Asclepias syriaca	Common Milkweed	5 UPL	Nt P-FORB
ASCVE	4 Asclepias verticillata	Whorled Milkweed	5 UPL	Nt P-FORB
ASCVIA	9 Asclepias viridiflora	Short Green Milkweed	5 UPL	Nt P-FORB
ASTAZ	8 Aster azureus	Azure Aster	5 UPL	Nt P-FORB

ACRONYM	CC	SCIENTIFIC NAME	COMMON NAME	CW	WETNESS	PHYSIOG
ASTCAN	7	Astragalus canadensis	Canadian Milk Vetch	-1	FAC+	Nt P-FORB
ASTCOR	7	Aster cordifolius	Heart-Leaved Aster	5	UPL	Nt P-FORB
ASTDR	4	Aster drummondii	Drummond's Aster	3	FACU	Nt P-FORB
ASTER	4	Aster ericoides	Heath Aster	4	FACU-	Nt P-FORB
ASTLAE	8	Aster laevis	Smooth Blue Aster	5	UPL	Nt P-FORB
ASTLAT	3	Aster lateriflorus	Side-Flowering Aster	-2	FACW-	Nt P-FORB
ASTNO	4	Aster novae-angliae	New England Aster	-3	FACW	Nt P-FORB
ASTOB	7	Aster oblongifolius	Aromatic Aster	5	UPL	Nt P-FORB
ASTON	5	Aster ontarionis	Ontario Aster	0	FAC	Nt P-FORB
ASTPI	0	Aster pilosus	Hairy Aster	4	FACU-	Nt P-FORB
ASTPRA	6	Aster praealtus	Willow Aster	-5	OBL	Nt P-FORB
ASTPRE	10	Aster prenanthoides	Stiff Aster	-5	OBL	Nt P-FORB
ASTPUB	10	Aster pubentior	Flat-Top Aster	5	UPL	Nt P-FORB
ASTPUN	10	Aster puniceus	Swamp Aster	-5	OBL	Nt P-FORB
ASTSA	4	Aster sagittifolius	Arrow-Leaved Aster	5	UPL	Nt P-FORB
ASTSI	4	Aster simplex	Panicled Aster	-5	OBL	Nt P-FORB
ASTUM	8	Aster umbellatus	Prairie Aster	-3	FACW	Nt P-FORB
ATHFI	7	Athyrium filix-femina	Lady Fern	0	FAC	Nt FERN
BAPLEA	7	Baptisia leucantha	White Wild Indigo	3	FACU	Nt P-FORB
BERTH	*	BERBERIS THUNBERGII	Japanese Barberry	4	FACU-	Ad SHRUB
BIDCE	4	Bidens cernua	Nodding Bur Marigold	-5	OBL	Nt A-FORB
BIDCON	3	Bidens connata	Purple Stemmed Tickseed	-5	OBL	Nt A-FORB
BIDCOR	7	BIDENS CORONATA	Tall Swamp Marigold	-5	OBL	Ad A-FORB
BIDFR	2	Bidens frondosa	Common Beggar's Ticks	-3	FACW	Nt A-FORB
BIDPO	1	Bidens polylepis	Bur Marigold	-3	FACW	Nt A-FORB
BIDVU	2	Bidens vulgata	Tall Beggar's Ticks	-3	FACW	Nt A-FORB
BOTVI	4	Botrychium virginianum	Rattlesnake Fern	3	FACU	Nt FERN
BOUCU	7	Bouteloua curtipendula	Side-Oats Grama	5	UPL	Nt P-GRASS
BROIN	*	BROMUS INERMIS	Smooth Brome	5	UPL	Ad P-GRASS
BROJA	*	BROMUS JAPONICUS	Japanese Chess	3	FACU	Ad A-GRASS
BROSE	*	BROMUS SECALINUS	Chess	5	UPL	Ad A-GRASS
CALCA	4	Calamagrostis canadensis	Blue Joint Grass	-5	OBL	Nt P-GRASS
CALLO	7	CALAMOVILFA LONGIFOLIA	Sand Reed	5	UPL	Ad P-GRASS
CAMAM	3	Campanula americana	Tall Bellflower	0	FAC	Nt A-FORB
CANSA	*	CANNABIS SATIVA	Hemp	0	FAC	Ad A-FORB
CARCO	5	Carya cordiformis	Bitternut Hickory	0	FAC	Nt TREE
CAROV	4	Carya ovata	Shagbark Hickory	3	FACU	Nt TREE
CASFA	1	Cassia fasciculata	Partridge Pea	4	FACU-	Nt A-FORB
CEAAM	7	Ceanothus americanus	New Jersey Tea	5	UPL	Nt SHRUB
CELOC	3	Celtis occidentalis	Hackberry	1	FAC-	Nt TREE
CELSC	3	Celastrus scandens	Climbing Bittersweet	3	FACU	Nt W-VINE
CHEALB	*	CHENOPODIUM ALBUM	Lamb's Quarters	1	FAC-	Ad A-FORB
CICIN	*	CICHOIRIUM INTYBUS	Chicory	5	UPL	Ad P-FORB
CINAR	5	Cinna arundinacea	Common Wood Reed	-3	FACW	Nt P-GRASS
CIRAL	4	Cirsium altissimum	Tall Thistle	5	UPL	Nt P-FORB
CIRAR	*	CIRSIUM ARVENSE	Canada Thistle	3	FACU	Ad P-FORB
CIRDI	3	Cirsium discolor	Field Thistle	5	UPL	Nt P-FORB
CIRQU	11	Circaea quadrisulcata canadensis	Enchanter's Nightshade	3	FACU	Nt P-FORB
CIRVU	*	CIRSIUM VULGARE	Bull Thistle	4	FACU-	Ad B-FORB
CONAR	*	CONVOLVULUS ARVENSIS	Field Bindweed	5	UPL	Ad P-FORB
CONSE	1	Convolvulus sepium	Hedge Bindweed	0	FAC	Nt H-VINE

ACRONYM	CC	SCIENTIFIC NAME	COMMON NAME	CW	WETNESS	PHYSIOG
CORAM	3	Corylus americana	American Hazelnut	0	FAC	Nt SHRUB
CORDR	2	Cornus drummondii	Rough-Leaved Dogwood	0	FAC	Nt SHRUB
COROB	5	Cornus obliqua	Pale Dogwood	-5	OBL	Nt SHRUB
CORRA	2	Cornus racemosa	Gray Dogwood	-2	FACW-	Nt SHRUB
CORTRI	5	Coreopsis tripteris	Tall Coreopsis	0	FAC	Nt P-FORB
CORVA	*	CORONILLA VARIA	Crown Vetch	5	UPL	Ad P-FORB
CRACA	4	Crataegus calpodendron	Sugar Hawthorn	5	UPL	Nt TREE
CRACR	3	Crataegus crus-galli	Cockspur Hawthorn	0	FAC	Nt TREE
CRAMO	3	Crataegus mollis	Downy Hawthorn	-2	FACW-	Nt TREE
CRYCA	2	Cryptotaenia canadensis	Honewort	0	FAC	Nt P-FORB
CXSTRI	5	Carex stricta strictior	Tussock Sedge	-5	OBL	Nt P-SEDGE
CYPES	1	Cyperus esculentus	Chufa	-3	FACW	Nt P-SEDGE
DACGL	*	DACTYLIS GLOMERATA	Orchard Grass	3	FACU	Ad P-GRASS
DAUCA	*	DAUCUS CAROTA	Queen Anne's Lace	5	UPL	Ad B-FORB
DESCAD	5	Desmodium canadense	Showy Tick Trefoil	1	FAC-	Nt P-FORB
DESGI	4	Desmodium glutinosum	Pointed Tick Trefoil	5	UPL	Nt P-FORB
DESOIL	5	Desmodium illinoense	Illinois Tick Trefoil	5	UPL	Nt P-FORB
DIAAR	*	DIANTHUS ARMERIA	Deptford Pink	5	UPL	Ad A-FORB
DIGIS	*	DIGITARIA ISCHAEMUM	Smooth Crab Grass	3	FACU	Ad A-GRASS
DIGSA	*	DIGITARIA SANGUINALIS	Hairy Crab Grass	3	FACU	Ad A-GRASS
ECHOR	*	ECHINOCHLOA CRUSGALLI	Barnyard Grass	-3	FACW	Ad A-GRASS
ECHLO	4	Echinocystis lobata	Wild Cucumber	-2	FACW-	Nt H-VINE
ECHMU	1	Echinochloa muricata	Cockspur Grass	-5	OBL	Nt A-GRASS
ECHPAL	7	Echinacea pallida	Pale Purple Coneflower	5	UPL	Nt P-FORB
ELAUM	*	ELAEAGNUS UMBELLATA	Autumn Olive	5	UPL	Ad SHRUB
ELEIN	*	ELEUSINE INDICA	Goose Grass	3	FACU	Ad A-GRASS
ELYCA	5	Elymus canadensis	Canada Wild Rye	1	FAC-	Nt P-GRASS
ELYVIL	4	Elymus villosus	Silky Wild Rye	3	FACU	Nt P-GRASS
ELYVIR	4	Elymus virginicus	Virginia Wild Rye	-2	FACW-	Nt P-GRASS
EPICO	4	Epilobium coloratum	Cinnamon Willow Herb	-5	OBL	Nt P-FORB
EQUAR	1	Equisetum arvense	Horsetail	0	FAC	Nt FERN
EQUHY	3	Equisetum hyemale	Scouring Rush	-2	FACW-	Nt FERN
EQUILA	4	Equisetum laevigatum	Smooth Scouring Rush	-3	FACW	Nt FERN
ERACI	*	ERAGROSTIS CILIANENSIS	Stink Grass	3	FACU	Ad A-GRASS
ERAHY	5	Eragrostis hypnoides	Creeping Love Grass	-5	OBL	Nt A-GRASS
ERAPE	0	Eragrostis pectinacea	Small Love Grass	0	FAC	Nt A-GRASS
ERASP	3	Eragrostis spectabilis	Purple Love Grass	5	UPL	Nt P-GRASS
EREHI	1	Erechtites hieracifolia	Fireweed	3	FACU	Nt A-FORB
ERIAN	1	Erigeron annuus	Annual Fleabane	1	FAC-	Nt A-FORB
ERICA	0	Erigeron canadensis	Horseweed	1	FAC-	Nt A-FORB
ERIPH	3	Erigeron philadelphicus	Marsh Fleabane	-3	FACW	Nt B-FORB
ERISTG	3	Erigeron strigosus	Daisy Fleabane	1	FAC-	Nt A-FORB
EUOAT	5	Euonymus atropurpureus	Wahoo	1	FAC-	Nt SHRUB
EUPAAL	2	Eupatorium altissimum	Tall Boneset	3	FACU	Nt P-FORB
EUPAMA	6	Eupatorium maculatum	Spotted Joe Pye Weed	-5	OBL	Nt P-FORB
EUPAPE	5	Eupatorium perfoliatum	Common Boneset	-4	FACW+	Nt P-FORB
EUPAPU	5	Eupatorium purpureum	Purple Joe Pye Weed	0	FAC	Nt P-FORB
EUPARU	2	Eupatorium rugosum	White Snakeroot	3	FACU	Nt P-FORB
EUPASER	1	Eupatorium serotinum	Late Boneset	-1	FAC+	Nt P-FORB
EUPHCOR	3	Euphorbia corollata	Flowering Spurge	5	UPL	Nt P-FORB
EUPHDE	0	Euphorbia dentata	Toothed Spurge	5	UPL	Nt A-FORB

ACRONYM	CC	SCIENTIFIC NAME	COMMON NAME	CW	WETNESS	PHYSIOG
EUPHMAC	0	Euphorbia maculata	Nodding Spurge	4	FACU-	Nt A-FORB
FRAPESU	2	Fraxinus pennsylvanica subintegerrima	Green Ash	-3	FACW	Nt TREE
FRAVI	2	Fragaria virginiana	Wild Strawberry	1	FAC-	Nt P-FORB
GALAP	0	Galium aparine	Annual Bedstraw	3	FACU	Nt A-FORB
GALCIR	4	Galium circaezans	Wild Licorice	4	FACU-	Nt P-FORB
GALTR	4	Galium triflorum	Sweet-Scented Bedstraw	2	FACU+	Nt P-FORB
GAUBI	2	Gaura biennis	Biennial Gaura	4	FACU-	Nt B-FORB
GENAN	9	Gentiana andrewsii	Closed Gentian	-3	FACW	Nt P-FORB
GENFL	9	Gentiana flavida	Yellowish Gentian	3	FACU	Nt P-FORB
GENPU	9	Gentiana puberula	Downy Gentian	3	FACU	Nt P-FORB
GERTE	5	Gerardia tenuifolia	Slender False Foxglove	-3	FACW	Nt A-FORB
GEUCA	2	Geum canadense	White Avens	0	FAC	Nt P-FORB
GEULA	4	Geum laciniatum	Rough Avens	-3	FACW	Nt P-FORB
GEUVE	9	Geum vernum	Spring Avens	1	FAC-	Nt P-FORB
GLEHE	*	GLECHOMA HEDERACEA	Creeping Charlie	4	FACU-	Ad P-FORB
GLETR	2	Gleditsia triacanthos	Honey Locust	0	FAC	Nt TREE
GLYLE	1	Glycyrrhiza lepidota	Wild Licorice	4	FACU-	Nt P-FORB
GLYST	4	Glyceria striata	Fowl Manna Grass	-5	OBL	Nt P-GRASS
GNAOB	2	Gnaphalium obtusifolium	Old-Field Balsam	5	UPL	Nt B-FORB
GYMDI	6	Gymnocladus dioica	Kentucky Coffee Tree	5	UPL	Nt TREE
HACVI	2	Hackelia virginiana	Stickseed	1	FAC-	Nt B-FORB
HELANN	0	Helianthus annuus	Garden Sunflower	1	FAC-	Nt A-FORB
HELDE	5	Helianthus decapetalus	Pale Sunflower	5	UPL	Nt P-FORB
HELGI	10	Helianthus giganteus	Oblong Sunflower	-3	FACW	Nt P-FORB
HELGR	3	Helianthus grosseserratus	Sawtooth Sunflower	-2	FACW-	Nt P-FORB
HELHE	5	Heliopsis helianthoides	False Sunflower	5	UPL	Nt P-FORB
HELLARI	6	Helianthus laetiflorus rigidus	Showy Sunflower	5	UPL	Nt P-FORB
HELPE	*	HELIANTHUS PETIOLARIS	Petioled Sunflower	5	UPL	Ad A-FORB
HELST	4	Helianthus strumosus	Pale-Leaved Sunflower	5	UPL	Nt P-FORB
HELTU	3	Helianthus tuberosus	Jerusalem Artichoke	0	FAC	Nt P-FORB
HEMFU	*	HEMEROCALLIS FULVA	Orange Day Lily	5	UPL	Ad P-FORB
HORJU	0	Hordeum jubatum	Squirrel-Tail Grass	-1	FAC+	Nt P-GRASS
HORPU	*	HORDEUM PUSILLUM	Little Barley	5	UPL	Ad A-GRASS
HUMLU	2	Humulus lupulus	Common Hop	3	FACU	Nt H-VINE
HYDVI	5	Hydrophyllum virginianum	Virginia Waterleaf	-2	FACW-	Nt P-FORB
HYPPU	4	Hypericum punctatum	Spotted St. John's Wort	-1	FAC+	Nt P-FORB
HYPPY	9	Hypericum pyramidatum	Great St. John's Wort	-1	FAC+	Nt P-FORB
HYSPA	5	Hystrix patula	Bottlebrush Grass	5	UPL	Nt P-GRASS
IMPCA	3	Impatiens capensis	Orange Jewelweed	-3	FACW	Nt A-FORB
IMPPA	5	Impatiens pallida	Yellow Jewelweed	-3	FACW	Nt A-FORB
IPOHE	*	IPOMOEA HEDERACEA	Red Morning Glory	0	FAC	Ad A-FORB
IRIGE	*	IRIS GERMANICA	German Iris	5	UPL	Ad P-FORB
JUGNI	4	Juglans nigra	Black Walnut	3	FACU	Nt TREE
JUNTO	4	Juncus torreyi	Torrey's Rush	-3	FACW	Nt P-FORB
JUNVI	2	Juniperus virginiana	Red Cedar	3	FACU	Nt TREE
KOECR	7	Koeleria cristata	June Grass	5	UPL	Nt P-GRASS
KUHEU	6	Kuhnia eupatorioides	False Bonset	5	UPL	Nt P-FORB
LACCA	2	Lactuca canadensis	Wild Lettuce	2	FACU+	Nt B-FORB
LACFL	4	Lactuca floridana	Blue Lettuce	1	FAC-	Nt B-FORB
LACLU	10	Lactuca ludoviciana	Western Wild Lettuce	5	UPL	Nt B-FORB
LACTA	*	LACTUCA TATARICA	NN	5	UPL	Ad P-FORB

ACRONYM	CC	SCIENTIFIC NAME	COMMON NAME	CW	WETNESS	PHYSIOG
LAPCA	3	Laportea canadensis	Wood Nettle	-3	FACW	Nt P-FORB
LEEOR	4	Leersia oryzoides	Rice Cut Grass	-5	OBL	Nt P-GRASS
LEEVI	4	Leersia virginica	White Grass	-3	FACW	Nt P-GRASS
LEMMIR	4	Lemna minor	Small Duckweed	-5	OBL	Nt P-FORB
LEOCA	*	LEONURUS CARDIACA	Motherwort	5	UPL	Ad P-FORB
LESCA	6	Lespedeza capitata	Round-Headed Bush Clover	3	FACU	Nt P-FORB
LOBIN	4	Lobelia inflata	Indian Tobacco	4	FACU-	Nt A-FORB
LOBSI	4	Lobelia siphilitica	Great Blue Lobelia	-4	FACW+	Nt P-FORB
LONMA	*	LONICERA MAACKII	Amur Honeysuckle	5	UPL	Ad SHRUB
LONPR	*	Lonicera prolifera	Grape Honeysuckle	5	UPL	Nt W-VINE
LOTCO	*	LOTUS CORNICULATUS	Bird's Foot Trefoil	1	FAC-	Ad P-FORB
LYCAM	4	Lycopus americanus	Common Water Horehound	-5	OBL	Nt P-FORB
LYSCI	5	Lysimachia ciliata	Fringed Loosestrife	-3	FACW	Nt P-FORB
LYTAL	6	Lythrum alatum	Winged Loosestrife	-5	OBL	Nt P-FORB
MACPO	*	MACLURA POMIFERA	Osage Orange	3	FACU	Ad TREE
MEDSA	*	MEDICAGO SATIVA	Alfalfa	5	UPL	Ad P-FORB
MELAL	*	MELILOTUS ALBA	White Sweet Clover	3	FACU	Ad B-FORB
MELOF	*	MELILOTUS OFFICINALIS	Yellow Sweet Clover	3	FACU	Ad B-FORB
MENCAN	4	Menispermum canadense	Moonseed	-1	FAC+	Nt W-VINE
MIMRI	5	Mimulus ringens	Monkey Flower	-5	OBL	Nt P-FORB
MISSA	*	MISCANTHUS SACCHARIFLORUS	NN	5	UPL	Ad P-GRASS
MONFI	4	Monarda fistulosa	Wild Bergamot	3	FACU	Nt P-FORB
MORRU	4	Morus rubra	Red Mulberry	1	FAC-	Nt TREE
MUHFR	3	Muhlenbergia frondosa	Common Satin Grass	-3	FACW	Nt P-GRASS
MUHME	5	Muhlenbergia mexicana	Leafy Satin Grass	-3	FACW	Nt P-GRASS
MUHRA	3	Muhlenbergia racemosa	Upland Wild Timothy	-3	FACW	Nt P-GRASS
MUHSC	0	Muhlenbergia schreberi	Nimblewill	0	FAC	Nt P-GRASS
MUHSO	5	Muhlenbergia sobolifera	Rock Satin Grass	5	UPL	Nt P-GRASS
NAJFL	7	Najas flexilis	Slender Naiad	-5	OBL	Nt A-FORB
NEPCA	*	NEPETA CATARIA	Catnip	1	FAC-	Ad P-FORB
OENBI	1	Oenothera biennis	Common Evening Primrose	3	FACU	Nt B-FORB
ONOMO	7	Onosmodium molle	nn	5	UPL	Nt P-FORB
ONOSE	6	Onoclea sensibilis	Sensitive Fern	-3	FACW	Nt FERN
OSMOCL	3	Osmorhiza claytoni	Hairy Sweet Cicely	4	FACU-	Nt P-FORB
OSMOLO	3	Osmorhiza longistylis	Smooth Sweet Cicely	4	FACU-	Nt P-FORB
OXAST	0	Oxalis stricta	Common Wood Sorrel	3	FACU	Nt P-FORB
PANCAP	0	Panicum capillare	Old Witch Grass	0	FAC	Nt A-GRASS
PANCOL	10	Panicum columbianum	Hemlock Panic Grass	5	UPL	Nt P-GRASS
PANCOL	0	Panicum dichotomiflorum	Knee Grass	-2	FACW-	Nt A-GRASS
PANLAT	6	Panicum latifolium	Broad-Leaved Panic Grass	3	FACU	Nt P-GRASS
PANOLSC	3	Panicum oligosanthos scribnerianum	Scribner's Panic Grass	3	FACU	Nt P-GRASS
PANVIR	4	Panicum virgatum	Switch Grass	-1	FAC+	Nt P-GRASS
PARQU	2	Parthenocissus quinquefolia	Virginia Creeper	1	FAC-	Nt W-VINE
PASCI	3	Paspalum ciliatifolium	Hairy Lens Grass	5	UPL	Nt P-GRASS
PASSA	*	PASTINACA SATIVA	Wild Parsnip	5	UPL	Ad B-FORB
PENSE	3	Penthorum sedoides	Ditch Stonecrop	-5	OBL	Nt P-FORB
PHAAR	*	Phalaris arundinacea	Reed Canary Grass	-4	FACW+	Nt P-GRASS
PHLDI	5	Phlox divaricata	Blue Phlox	3	FACU	Nt P-FORB
PHLPA	*	Phlox paniculata	Garden Phlox	3	FACU	Nt P-FORB
PHLPI	7	Phlox pilosa	Prairie Phlox	1	FAC-	Nt P-FORB
PHLPR	*	PHLEUM PRATENSE	Timothy	3	FACU	Ad P-GRASS

ACRONYM	CC	SCIENTIFIC NAME	COMMON NAME	CW	WETNESS	PHYSIOG
PHRCO	2	Phragmites communis	Common Reed	-4	FACW+	Nt P-GRASS
PHRLE	3	Phryma leptostachya	Lopseed	5	UPL	Nt P-FORB
PHSAHE	3	Physalis heterophylla	Clammy Ground Cherry	5	UPL	Nt P-FORB
PILPU	4	Pilea pumila	Clearweed	-3	FACW	Nt A-FORB
PINSY	*	PINUS SYLVESTRIS	Austrian Pine	5	UPL	Ad TREE
PLAMA	*	PLANTAGO MAJOR	Common Plantain	-1	FAC+	Ad A-FORB
PLARU	0	Plantago rugelii	Red-Stalked Plantain	0	FAC	Nt A-FORB
POACO	*	POA COMPRESSA	Canada Blue Grass	2	FACU+	Ad P-GRASS
POAPR	*	POA PRATENSIS	Kentucky Blue Grass	1	FAC-	Ad P-GRASS
PODPE	4	Podophyllum peltatum	May Apple	3	FACU	Nt P-FORB
POLBIF	7	Polygonatum biflorum	Solomon's Seal	3	FACU	Nt P-FORB
POLCOC	4	Polygonum coccineum	Water Heartsease	-5	OBL	Nt P-FORB
POLHYR	2	Polygonum hydropiper	Water Pepper	-5	OBL	Nt A-FORB
POLHYS	4	Polygonum hydropiperoides	Mild Water Pepper	-5	OBL	Nt P-FORB
POLLAP	0	Polygonum lapathifolium	Heartsease	-4	FACW+	Nt A-FORB
POLPN	1	Polygonum pensylvanicum	Pennsylvania Knotweed	-3	FACW	Nt A-FORB
POLPU	3	Polygonum punctatum	Smartweed	-5	OBL	Nt A-FORB
POLSAG	5	Polygonum sagittatum	Arrow-Leaved Tearthumb	-5	OBL	Nt A-FORB
POLSCN	3	Polygonum scandens	Climbing False Buckwheat	0	FAC	Nt H-VINE
POPAL	*	POPULUS ALBA	White Poplar	5	UPL	Ad TREE
POPDE	2	Populus deltoides	Cottonwood	-1	FAC+	Nt TREE
POPTRE	3	Populus tremuloides	Quaking Aspen	0	FAC	Nt TREE
POTARG	10	Potentilla arguta	Prairie Cinquefoil	4	FACU-	Nt P-FORB
POTNOR	0	Potentilla norvegica	Rough Cinquefoil	0	FAC	Nt A-FORB
POTRE	*	POTENTILLA RECTA	Sulphur Cinquefoil	5	UPL	Ad P-FORB
PREALB	6	Prenanthes alba	White Lettuce	3	FACU	Nt P-FORB
PRUAM	4	Prunus americana	Wild Plum	5	UPL	Nt TREE
PRUME	5	Prunus mexicana	Mexican Plum	5	UPL	Nt TREE
PRUSE	2	Prunus serotina	Wild Black Cherry	3	FACU	Nt TREE
PRUVI	3	Prunus virginiana	Choke Cherry	1	FAC-	Nt SHRUB
PRUVULA	1	Prunella vulgaris lanceolata	Self-Heal	0	FAC	Nt P-FORB
PYCPI	6	Pycnanthemum pilosum	Hairy Mountain Mint	5	UPL	Nt P-FORB
PYCTE	4	Pycnanthemum tenuifolium	Slender Mountain Mint	0	FAC	Nt P-FORB
PYCVI	6	Pycnanthemum virginianum	Common Mountain Mint	-4	FACW+	Nt P-FORB
PYRIO	3	Pyrus ioensis	Iowa Crab	5	UPL	Nt TREE
PYRSY	*	PYRUS SYLVESTRIS	Soulard Crab	5	UPL	Ad TREE
QUEAL	5	Quercus alba	White Oak	3	FACU	Nt TREE
QUEMAC	5	Quercus macrocarpa	Bur Oak	1	FAC-	Nt TREE
QUERU	5	Quercus rubra	Red Oak	3	FACU	Nt TREE
QUEVE	5	Quercus velutina	Black Oak	5	UPL	Nt TREE
RATPI	5	Ratibida pinnata	Grey-Headed Coneflower	5	UPL	Nt P-FORB
RHACAT	*	RHAMNUS CATHARTICA	Common Buckthorn	3	FACU	Ad SHRUB
RHUGL	1	Rhus glabra	Smooth Sumac	5	UPL	Nt SHRUB
RHURA	1	Rhus radicans	Poison Ivy	3	FACU	Nt W-VINE
RIBMI	3	Ribes missouriense	Wild Gooseberry	5	UPL	Nt SHRUB
RIBOD	*	Ribes odoratum	Clove Current	1	FAC-	Nt SHRUB
ROBPS	*	Robinia pseudo-acacia	Black Locust	4	FACU-	Nt TREE
ROSAR	6	Rosa arkansana suffulta	Sunshine Rose	5	UPL	Nt SHRUB
ROSBL	5	Rosa blanda	Early Wild Rose	3	FACU	Nt SHRUB
ROSCAR	4	Rosa carolina	Pasture Rose	4	FACU-	Nt SHRUB
ROSMU	*	ROSA MULTIFLORA	Multiflora Rose	3	FACU	Ad SHRUB

ACRONYM	CC	SCIENTIFIC NAME	COMMON NAME	CW	WETNESS	PHYSIOG
RUBAL	3	Rubus allegheniensis	Common Blackberry	2	FACU+	Nt SHRUB
RUBFL	2	Rubus flagellaris	Common Dewberry	4	FACU-	Nt SHRUB
RUBOC	3	Rubus occidentalis	Black Raspberry	5	UPL	Nt SHRUB
RUDHI	2	Rudbeckia hirta	Black-Eyed Susan	3	FACU	Nt P-FORB
RUDLA	3	Rudbeckia laciniata	Wild Golden Glow	-4	FACW+	Nt P-FORB
RUDSU	5	Rudbeckia subtomentosa	Sweet Black-Eyed Susan	-3	FACW	Nt P-FORB
RUDTR	4	Rudbeckia triloba	Brown-Eyed Susan	1	FAC-	Nt B-FORB
RUEHU	3	Ruellia humilis	Hairy Ruellia	4	FACU-	Nt P-FORB
RUMAL	2	Rumex altissimus	Pale Dock	4	FACU-	Nt P-FORB
RUMCR	*	RUMEX CRISPUS	Curly Dock	-1	FAC+	Ad P-FORB
SAGEN	5	Sagittaria engelmannia brevirostra	Engelmann's Arrowhead	-5	OBL	Nt P-FORB
SAGLA	4	Sagittaria latifolia	Common Arrowhead	-5	OBL	Nt P-FORB
SALAL	*	SALIX ALBA	White Willow	-3	FACW	Ad TREE
SALAM	4	Salix amygdaloides	Peach-Leaved Willow	-3	FACW	Nt TREE
SALBA	*	SALIX BABYLONICA	Weeping Willow	-3	FACW	Ad TREE
SALDI	4	Salix discolor	Pussy Willow	-3	FACW	Nt SHRUB
SALFR	*	SALIX FRAGILIS	Crack Willow	-1	FAC+	Ad TREE
SALHU	6	Salix humilis	Prairie Willow	3	FACU	Nt SHRUB
SALIN	3	Salix interior	Sandbar Willow	-5	OBL	Nt SHRUB
SALNI	3	Salix nigra	Black Willow	-5	OBL	Nt TREE
SALPE	*	SALIX PENTANDRA	NN	-3	FACW	Ad SHRUB
SALRI	5	Salix rigida	Heart-Leaved Willow	-4	FACW+	Nt SHRUB
SAMCA	2	Sambucus canadensis	Elderberry	4	FACU-	Nt SHRUB
SANGCA	5	Sanguinaria canadensis	Bloodroot	4	FACU-	Nt P-FORB
SANGR	2	Sanicula gregaria	Clustered Black Snakeroot	-1	FAC+	Nt P-FORB
SCIAT	4	Scirpus atrovirens	Dark Green Rush	-5	OBL	Nt P-SEDGE
SCRLA	5	Scrophularia lanceolata	Early Figowrt	2	FACU+	Nt P-FORB
SENPA	5	Senecio pauperculus balsamitae	Balsam Ragwort	-1	FAC+	Nt P-FORB
SENPL	6	Senecio plattensis	Prairie Ragwort	4	FACU-	Nt P-FORB
SETFA	*	SETARIA FABERII	Giant Foxtail	2	FACU+	Ad A-GRASS
SETGL	*	SETARIA GLAUCA	Yellow Foxtail	0	FAC	Ad A-GRASS
SETVE	*	SETARIA VERTICILLATA	Bristly Foxtail	0	FAC	Ad A-GRASS
SETVI	*	SETARIA VIRIDIS	Green Foxtail	5	UPL	Ad A-GRASS
SICAN	4	Sicyos angulatus	Bur Cucumber	-2	FACW-	Nt H-VINE
SILCU	*	SILENE CUCUBALUS	Bladder Campion	5	UPL	Ad P-FORB
SILIN	5	Silphium integrifolium	Rosinweed	5	UPL	Nt P-FORB
SILLA	6	Silphium laciniatum	Compass Plant	4	FACU-	Nt P-FORB
SILPE	4	Silphium perfoliatum	Cup Plant	-2	FACW-	Nt P-FORB
SILST	6	Silene stellata	Starry Campion	5	UPL	Nt P-FORB
SMIEC	5	Smilax ecirrhata	Upright Carrion Flower	5	UPL	Nt P-FORB
SMIHE	4	Smilax herbacea	Carrion Flower	0	FAC	Nt H-VINE
SMIRA	4	Smilacina racemosa	Feathery False Solomon's Seal	3	FACU	Nt P-FORB
SMITA	3	Smilax tamnoides hispida	Bristly Greenbriar	0	FAC	Nt W-VINE
SOLAL	1	Solidago altissima	Tall Goldenrod	3	FACU	Nt P-FORB
SOLAM	1	Solanum americanum	Black Nightshade	4	FACU-	Nt A-FORB
SOLCAR	0	Solanum carolinense	Horse Nettle	4	FACU-	Nt P-FORB
SOLDU	*	SOLANUM DULCAMARA	Bittersweet Nightshade	0	FAC	Ad W-VINE
SOLFL	6	Solidago flexicaulis	Broad-Leaved Goldenrod	3	FACU	Nt P-FORB
SOLGI	4	Solidago gigantea	Late Goldenrod	-3	FACW	Nt P-FORB
SOLMI	4	Solidago missouriensis	Missouri Goldenrod	5	UPL	Nt P-FORB
SOLNE	3	Solidago nemoralis	Old-Field Goldenrod	5	UPL	Nt P-FORB

ACRONYM	CC	SCIENTIFIC NAME	COMMON NAME	CW	WETNESS	PHYSIOG
SOLRIG	5	<i>Solidago rigida</i>	Stiff Goldenrod	4	FACU-	Nt P-FORB
SOLSP	7	<i>Solidago speciosa</i>	Showy Goldenrod	5	UPL	Nt P-FORB
SOLUL	5	<i>Solidago ulmifolia</i>	Elm-Leaved Goldenrod	5	UPL	Nt P-FORB
SONAS	*	<i>SONCHUS ASPER</i>	Spiny Sow Thistle	0	FAC	Ad A-FORB
SORNU	5	<i>Sorghastrum nutans</i>	Indian Grass	2	FACU+	Nt P-GRASS
SPAPE	5	<i>Spartina pectinata</i>	Prairie Cord Grass	-4	FACW+	Nt P-GRASS
SPHOB	5	<i>Sphenopholis obtusata</i>	Prairie Wedge Grass	0	FAC	Nt P-GRASS
SPICE	4	<i>Spiranthes cernua</i>	Nodding Ladies' Tresses	-2	FACW-	Nt P-FORB
SPIMAG	7	<i>Spiranthes magnicamporum</i>	Dune Ladies's Tresses	-3	FACW	Nt P-FORB
SPOAS	3	<i>Sporobolus asper</i>	Rough Dropseed	5	UPL	Nt P-GRASS
STAPA	6	<i>Stachys palustris</i>	Woundwort	-5	OBL	Nt P-FORB
STRLE	3	<i>Strophostyles leiosperma</i>	Small Wild Bean	5	UPL	Nt A-FORB
SYMOR	1	<i>Symphoricarpos orbiculatus</i>	Coralberry	3	FACU	Nt SHRUB
SYRVU	*	<i>SYRINGA VULGARIS</i>	Lilac	5	UPL	Ad SHRUB
TAEIN	7	<i>Taenidia integerrima</i>	Yellow Pimpernel	5	UPL	Nt P-FORB
TAROF	*	<i>TARAXACUM OFFICINALE</i>	Common Dandelion	3	FACU	Ad P-FORB
TEUCA	3	<i>Teucrium canadense</i>	Germander	-2	FACW-	Nt P-FORB
THADI	6	<i>Thalictrum dioicum</i>	Early Meadow Rue	2	FACU+	Nt P-FORB
TILAM	5	<i>Tilia americana</i>	Basswood	3	FACU	Nt TREE
TRADU	*	<i>TRAGOPOGON DUBIUS</i>	Goat's Beard	5	UPL	Ad B-FORB
TRAOH	4	<i>Tradescantia ohiensis</i>	Common Spiderwort	2	FACU+	Nt P-FORB
TRICAM	*	<i>TRIFOLIUM CAMPESTRE</i>	Low Hop Clover	5	UPL	Ad A-FORB
TRIPER	5	<i>Triosteum perfoliatum</i>	Late Horse Gentian	5	UPL	Nt P-FORB
TRIPR	*	<i>TRIFOLIUM PRATENSE</i>	Red Clover	2	FACU+	Ad B-FORB
TRIREP	*	<i>TRIFOLIUM REPENS</i>	White Clover	2	FACU+	Ad P-FORB
TYPAN	1	<i>Typha angustifolia</i>	Narrow-Leaved Cat-Tail	-5	OBL	Nt P-FORB
TYPLA	1	<i>Typha latifolia</i>	Common Cat-Tail	-5	OBL	Nt P-FORB
ULMAM	4	<i>Ulmus americana</i>	American Elm	-2	FACW-	Nt TREE
ULMPU	*	<i>ULMUS PUMILA</i>	Siberian Elm	5	UPL	Ad TREE
ULMRU	3	<i>Ulmus rubra</i>	Slippery Elm	0	FAC	Nt TREE
URTDI	3	<i>Urtica dioica procera</i>	Tall Nettle	-1	FAC+	Nt P-FORB
VERBA	4	<i>Vernonia baldwini</i>	Western Ironweed	5	UPL	Nt P-FORB
VERFA	6	<i>Vernonia fasciculata</i>	Common Ironweed	-3	FACW	Nt P-FORB
VERHAS	4	<i>Verbena hastata</i>	Blue Vervain	-4	FACW+	Nt P-FORB
VERST	3	<i>Verbena stricta</i>	Hoary Vervain	5	UPL	Nt P-FORB
VERTH	*	<i>VERBASCUM THAPSUS</i>	Common Mullein	5	UPL	Ad B-FORB
VERUR	4	<i>Verbena urticifolia</i>	White Vervain	-1	FAC+	Nt P-FORB
VIBLE	5	<i>Viburnum lentago</i>	Nannyberry	-1	FAC+	Nt SHRUB
VIOPEN	6	<i>Viola pensylvanica</i>	Smooth Yellow Violet	-2	FACW-	Nt P-FORB
VITRI	4	<i>Vitis riparia</i>	Riverbank Grape	-2	FACW-	Nt W-VINE
XANST	*	<i>XANTHIUM STRUMARIUM</i>	Cocklebur	0	FAC	Ad A-FORB
ZANAM	4	<i>Zanthoxylum americanum</i>	Prickly Ash	5	UPL	Nt SHRUB
ZIZAU	6	<i>Zizea aurea</i>	Golden Alexanders	-1	FAC+	Nt P-FORB