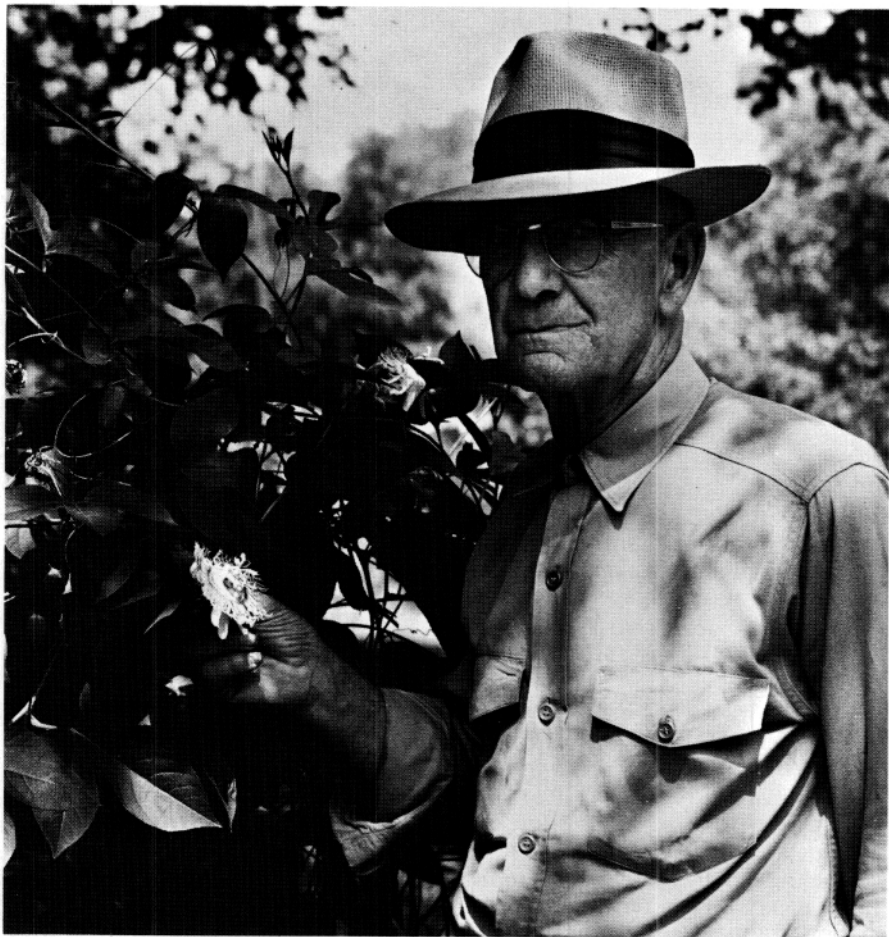


PLANT COLLECTIONS OF ROLLO T. REXROAT

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ABSTRACT: Mr. Rollo T. Rexroat, of Virginia, Illinois, has collected approximately 11,000 specimens of Illinois vascular plants and donated them to the herbarium of the Illinois State Museum. Fourteen species of vascular plants were first collected in Illinois by Mr. Rexroat. In addition, *Chorispora tenella* (Willd.) DC., *Miscanthus sinensis* Anderss., *Salvia verticillata* L., and *Ammannia auriculata* Willd. are reported herein for the first time. Four hundred and forty-five new county records of ferns and monocots are included.



ROLLO T. REXROAT

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Mr. Rollo T. Rexroat of Virginia, Illinois, has collected and donated to the herbarium of the Illinois State Museum approximately 11,000 specimens of plants growing in Illinois. The pursuance of this hobby by Mr. Rexroat marked the beginning of many trips by him and Mrs. Rexroat to the State Museum with his latest boxes of pressed, dried plant specimens. The botanical material was not fragmentary and selected at random. Instead the specimens were the work of a person who observes, carefully selects, and then prepares the plants with pride, arranging leaves and flowers with the skill of an artist and the accuracy of a scientist.

It is perhaps natural that Rexroat's interest is in the plants of west-central Illinois counties since he was born near Virginia in 1893 and has lived near there all of his life. Mr. Rexroat's familiarity with the area led him into seldom visited and often poorly accessible places where some of the unusual and rarely collected Illinois plants still grow. His periodic contributions to the Museum thus often contained significant additions to the distributional data for Illinois plants and an occasional species new to the flora of the state. Mr. Rexroat maintains a duplicate unmounted set of specimens at his home.

Mr. Rexroat conservatively estimated that he has driven about forty thousand miles, adding "I walked about fifty thousand" (Winterringer, 1965). During the last seventeen years he has pursued this engrossing hobby and worked daily in his general store on the west side of the Virginia town square. His extensive travel has resulted in the collection of 20 species which had not been seen in Illinois for nearly a century and an additional 40 species very infrequently collected.

Mr. Rexroat made the first Illinois collection of ten species of flowering plants which have been previously published. Four unpublished species are included in this account. Previously published species are *Anagallis arvensis* forma *caerulea* (Schreb.) Baumg. (Winterringer, 1963), *Arctium tomentosum* Mill. (Winterringer, 1957), *Cyperus grayioides* Mohl. (Mohlenbrock, 1959), *Eragrostis curvula* (Schrad.) Nees (Winterringer, 1961), *Eupatorium coelestinum* L. forma *album* E. J. Alex. (Wunderlin, 1966), *Falcaria sioides* (Wibel) Aschers. (Winterringer, 1958), *Fimbristylis vahlii* (Lam.) Link (Winterringer and Evers, 1960), *Lipocarpa maculata* (Michx.) Torr. (Winterringer, 1959), *Scleria reticularis* Michx. (Winterringer, 1958), and *Sitanion hystrix* (Nutt.) J. G. Smith (Mohlenbrock and Schwegman, 1969).

In addition to the aforementioned plants, Mr. Rexroat has collected four other species new to the flora of Illinois. These are reported here for the first time with pertinent data and are deposited in the Illinois State Museum Herbarium.

FAMILY CRUCIFERAE

Chorispora tenella (Willd.) DC. In cinders along the G.M.&O. railroad; Greene Co.; Roodhouse, Illinois; June 21, 1963; 8905; same locality; June 15, 1964; 9341. *C. tenella* is native in central Asia and is established as a weed in the drier western states. Gleason (1952) considers it to be an adventive in eastern United States and this collection confirms its occurrence in Illinois.

FAMILY GRAMINEAE

Miscanthus sinensis Anderss. Clay bank over 100 yards from any habitation; Cass Co.; west of Virginia; Oct. 14, 1959; 6476. *M. sinensis* is a native grass of China and is culti-

vated as an ornamental (Gleason, 1952) in Illinois. This collection indicates its ability to escape cultivation and survive in central Illinois.

FAMILY LABIATAE

Salvia verticillata L. In gravel and rock along the G.M.&O. railroad; Scott Co.; north of Manchester; June 21, 1963; 8878; same locality; June 15, 1964 9320. *S. verticillata* is native to southern and eastern Europe and western Asia but has been introduced into the eastern United States. Collections in succeeding years confirm its establishment in Scott County.

FAMILY LYTHRACEAE

Ammannia auriculata Willd. Growing in a wet sandy area, almost a sand pond; Cass Co.; 6 miles west of Virginia; August 10, 1967; 10455; same locality; Aug. 14, 1967; 10481-10485. *A. auriculata* is found in wet places from Indiana to Nebraska and Texas. The Cass Co. population is large enough to indicate that this species might have gone unnoticed for several years.

Examination of the ferns Mr. Rexroat collected has resulted in 15 new county records and similar study of the monocots has revealed 429 county records in addition to those already included in the *Flora of Illinois* (Jones, 1963); *Illustrated Flora of Illinois* (Mohlenbrock, 1967, 1970, 1970); *New Records for Illinois Vascular Plants* (Winterringer and Evers, 1960); and articles in various journals. The specimens confirming such distribution are cited below and are filed in the herbarium of the Illinois State Museum in Springfield, Illinois.

FAMILY POLYPODIACEAE

Athyrium angustum (Willd.) Presl.
Adams Co.; moist woods; 8840.
Greene Co.; ravine in woods; 7003.
Mason Co.; woods; 9840.
Morgan Co.; 4242.

Athyrium thelypteroides (Michx.)
Desv.
Adams Co.; deep wooded ravine;
9214.
Greene Co.; deep ravine in woods;
6956.
Cystopteris bulbifera (L.) Bernh.
Schuyler Co.; cool creek on damp
shaded rocks; 8277.
Dryopteris cristata (L.) A. Gray
Mason Co.; brushy thicket in
black sandy soil; 10209.
Dryopteris intermedia (Muhl.) A.
Gray
McDonough Co.; creek bank in
woods; 9972.
Onoclea sensibilis L.
Greene Co.; creek bank in woods;
6674.
Pike Co.; open roadside bank;
9615.
Pteridium latiusculum (Desv.)
Hieron.
Scott Co.; sandy woods; 3629.
Woodsia obtusa (Spreng.) Torr.
Macoupin Co.; creek bank of
moist, sandy clay; 8343.

FAMILY SALVINIACEAE

Azollâ mexicana Presl.
Brown Co.; water; 4499.
Pike Co.; ditch; 6190.

FAMILY ALISMACEAE

Sagittaria calycinus Engelm.
Cass Co.; shallow water; 5323.
Morgan Co.; mud and water;
4486.
Scott Co.; river bank in mud; 4474.
Sagittaria graminea Michx.
Mason Co.; sand pond; 5210.
Sagittaria rigida Pursh
Cass Co.; peaty muddy sand;
4398.

FAMILY AMARYLLIDACEAE

Hypoxis hirsuta (L.) Coville
Fulton Co.; mossy clay hillside;
4665.

FAMILY ARACEAE

- Acorus calamus* L.
Brown Co.; moist valley; 3719.
Macoupin Co.; wet draw; 9484.
Scott Co.; wet area; 3837.

FAMILY COMMELINACEAE

- Commelina communis* L.
Mason Co.; moist shady area;
6360.
Schuyler Co.; bank of creek; 9244.
Commelina erecta L.
Fulton Co.; sandy soil; 6062.
Tradescantia bracteata Small
Greene Co.; along railroad; 9127.
Menard Co.; 7720.
Tradescantia ohioensis Raf.
Schuyler Co.; sandy soil; 1701.
Tradescantia subaspera Ker.
Greene Co.; moist, heavy shade;
6930.
Morgan Co.; wooded hillside;
8259.
Scott Co.; sandy shaly moist hill-
side; 3872.
Tradescantia virginiana L.
Fulton Co.; sandy clay hillside;
4659.
Morgan Co.; 8790.

FAMILY CYPERACEAE

- Carex albolutescens* Schw.
Cass Co.; wet valley; 10333.
Greene Co.; cinders of railroad;
9991.
Carex albursina Sheldon
Greene Co.; rocky wooded north
hillside; 6656.
Schuyler Co.; rocky, wooded north
hillside; 5687.
Carex alopecoidea Tuckerm.
Greene Co.; creek bank; 6756.
McDonough Co.; wet; 7549.
Carex artitecta Mack.
Greene Co.; thin woods; 6671.
Mason Co.; dry sand; 7473.
Carex bebbii Olney
Brown Co.; gravelly soil; 2685.
Carex bicknellii Britt.
Cass Co.; wet peaty sand; 4966.
Carex brachyglossa Mack.
Cass Co.; moist peaty sand; 8263.

- Carex buxbaumii* Wahl.
Menard Co.; moist valley in full
sun; 4690.
Carex cephaloidea Dewey
Brown Co.; deep valley in woods;
3705.
Carex communis Bailey
Schuyler Co.; growing on side of
gully in deep woods; 3670.
Carex comosa Boott
Menard Co.; wet peaty swamp;
4711.
Carex conjuncta Boott
Mason Co.; wet mucky soil; 5805.
Carex conoidea Schk.
Morgan Co.; sandy, clay woods;
5896.
Carex crinita Lam.
Adams Co.; wet swale; 8852.
Carex cristatella Britt.
Greene Co.; wet valley; 8303.
Pike Co.; wet shore of pond; 5878.
Carex cruscovi Shuttlw.
Mason Co.; moist sandy soil; 7788.
Morgan Co.; low moist ground;
8183.
Carex davisii Schw. & Torr.
Brown Co.; shady hillside; 2692.
Carex emoryi Dewey
Cass Co.; wet, springy area; 7481.
Carex festucacea Schk.
Greene Co.; dry hillside in thin
woods; 6799.
Schuyler Co.; foot of sand levee;
2668.
Carex frankii Kunth
Brown Co.; low ground; 6005.
Fulton Co.; moist area; 6057.
Carex gracilescens Steud.
Cass Co.; wet mucky sand in
woods; 6852.
Carex gravida Bailey
Brown Co.; dry, rocky hillside;
2703.
Carex grayii Carey
Cass Co.; river bottom; 4246.
Carex grisea Wahl.
Brown Co.; shady hillside; 2691.
McDonough Co.; wet; 7544.
Scott Co.; rocky hillside in shade;
3726.

- Carex haydenii* Dewey
Cass Co.; swampy sand area;
10272.
- Carex hirsutella* Mack.
Morgan Co.; sandy clay hillside;
3851.
Scott Co.; moist; 3756.
- Carex hirtifolia* Mack.
Greene Co.; shady, wooded hill-
side; 6751.
Mason Co.; edge of sand pond;
4924.
Morgan Co.; low on a hillside in
woods; 3843.
Schuyler Co.; woods; 7586.
Scott Co.; rocky hillside; 3754.
- Carex hitchcockiana* Dewey
Schuyler Co.; rocky, wooded hill-
side; 5686.
Scott Co.; shaded rocky hillside;
3731.
- Carex hyalinolepis* Steud.
Mason Co.; low ground-sandy;
109.
- Carex hystricina* Muhl.
McDonough Co.; wet; 7550.
Scott Co.; wet ditch bank; 7782.
- Carex interior* Bailey
Menard Co.; peaty springy
swamp; 4712.
- Carex jamesii* Schw.
Adams Co., wooded hillside; 8717.
Brown Co.; shady hillside; 2694.
Cass Co.; 5780.
McDonough Co.; wooded hillside;
7547.
Schuyler Co.; rocky wooded hill-
side; 5837.
Scott Co.; hillside; 3729.
- Carex lacustris* Willd.
Mason Co.; low ground; 5695.
- Carex laeviconica* Dewey
Cass Co.; moist sandy soil; 3787.
Pike Co.; moist; 5699.
- Carex lasiocarpa* Ehrh.
Cass Co.; peaty sand; 4856.
- Carex lupuliformis* Sartw.
Brown Co.; low ground; 5999.
- Carex lurida* Wahl.
Cass Co.; wet; 6039.
Scott Co.; moist hillside; 3740.
- Carex meadii* Dewey
Cass Co.; moist sand; 4852.
- Carex muskingumensis* Schw.
Cass Co.; low ground; 3000.
- Carex normalis* Mack.
Cass Co.; black sandy mucky soil;
8761.
- Carex pallescens* L.
Fulton Co.; gravelly clay sterile
hillside; 5034.
- Carex pensylvanica* Lam.
Brown Co.; wooded hillside; 6831.
Cass Co.; sandy; 4854.
Schuyler Co.; clay bank in shade;
6747.
- Carex platyphylla* Carey
Mason Co.; low, sandy woods;
7648.
- Carex prairea* Dewey
Greene Co.; sand and cinders a-
long a railroad; 9952.
- Carex retrorsa* Schw.
Fulton Co.; gravelly in wet sand;
4793.
- Carex richardsonii* R.Br.
Cass Co.; north side of loess bluff;
4723.
Mason Co.; sand dune; 4642.
- Carex rosea* Schk.
Brown Co.; north hillside; 2695.
Pike Co.; woods; 5728.
Scott Co.; moist shady area; 3728.
- Carex scoparia* Schk.
Pike Co.; low ground; 5858.
Schuyler Co.; moist; 5839.
- Carex sparganioides* Muhl.
Brown Co.; shady hillside; 2693.
- Carex stipata* Muhl.
Brown Co.; riverbank; 2665.
- Carex stricta* Lam.
Cass Co.; 872.
Mason Co.; swamp; 4765.
- Carex swanii* (Fern.) Mack.
Pike Co.; sandy clay hillside in
thin woods; 5716.
- Carex tenera* Dewey
Mason Co.; moist sand pond;
4991.
- Carex tetanica* Schk.
Pike Co.; ravine in woods; 5735.
Schuyler Co.; 1452.

- Carex texensis* (Torr.) Bailey
Cass Co.; in shade among grasses;
9312.
- Carex tribuloides* Wahl.
Scott Co.; ditch; 4453.
- Carex umbellata* Schk.
Cass Co.; north side of high loess
hill; 4724.
Schuyler Co.; sterile north hill-
side; 6730.
- Carex vesicaria* L.
Brown Co.; wet; 2657.
Mason Co.; wet; 4946.
- Carex virescens* Muhl.
Cass Co.; edge of pond; 5246.
- Cyperus acuminatus* Torr. & Hook.
Morgan Co.; along railroad tracks
in black soil; 9368.
Pike Co.; low ground; 6367.
Schuyler Co.; mud; 8088.
- Cyperus aristatus* Rottb.
Brown Co.; low ground once
submerged; 5310.
Fulton Co.; mud flat over sand;
6226.
Morgan Co.; moist sandy beach;
3251.
Schuyler Co.; Long Lake; 6464.
Scott Co.; sandy, moist beach;
6409.
- Cyperus diandrus* Torr.
Morgan Co.; moist, sandy beach;
6406.
Scott Co.; moist, sandy beach;
6407.
- Cyperus erythrorhizos* Muhl.
Greene Co.; mud flat of river
bank; 7307.
Schuyler Co.; moist; 6145.
Scott Co.; river bottom mud;
4469.
- Cyperus esculentus* L.
Brown Co.; river bottom corn-
field; 4501.
Morgan Co.; moist; 6523.
- Cyperus ferruginescens* Boeck.
Morgan Co.; sandy beach; 3250.
Pike Co.; low, moist ground; 6129.
- Cyperus filiculmis* Vahl, var. *filicul-
mis*
Morgan Co.; dry sandy soil; 3030.
- Cyperus filiculmis* Vahl, var. *maci-
lentus* Fern.
Greene Co.; cinders along railroad
tracks; 8874.
- Cyperus flavescens* L.
Mason Co.; low, wet area in sand
hills; 7131.
- Cyperus ovularis* (Michx.) Torr.
Menard Co.; sand; 4934.
Morgan Co.; along a railroad;
9944.
Pike Co.; dry sand; 6112.
Scott Co.; blow sand; 7228.
- Cyperus rivularis* Kunth
Cass Co.; wet sand; 5176.
Menard Co.; wet sandy hillside;
5539.
Morgan Co.; sandy beach; 3254.
Scott Co.; sandy beach; 6417.
- Cyperus schweinitzii* Torr.
Fulton Co.; river bank; 6065.
Pike Co.; dry sand; 6111.
- Cyperus strigosus* L.
Brown Co.; moist; 6338.
- Eleocharis acicularis* (L.) R. & S.
Greene Co.; dry pond; 9243.
- Eleocharis compressa* Sulliv.
Cass Co.; moist peaty soil; 7659.
Scott Co.; ditch; 9324.
- Eleocharis equisetoides* (Ell.) Torr.
Cass Co.; shallow water near edge
of natural sand pond; 10449.
- Eleocharis erythropoda* Steud.
Cass Co.; swamp; 7714.
Scott Co.; wet peaty soil; 5981.
- Eleocharis obtusa* (Willd.) Schult.
Brown Co.; low ground; 6334.
- Eleocharis ovata* (Roth) R. & S.
Mason Co.; wet; 5820.
- Eleocharis palustris* (L.) R. & S.
Morgan Co.; moist peaty soil;
5915.
- Eleocharis tenuis* (Willd.) Schult.
Mason Co.; edge of sand pond;
5490.
Scott Co.; along railroad tracks in
moist area; 9325.
- Hemicarpha micrantha* (Vahl) Pax
Scott Co.; moist sandy beach;
6408.
- Scirpus acutus* Muhl.
Pike Co.; shallow water; 5872.

Scirpus cyperinus (L.) Kunth.

Morgan Co.; muddy; 8398.

Scirpus fluviatilis (Torr.) A. Gray

Greene Co.; wet; 7041.

Scirpus validus Vahl

Greene Co.; wet; 6928.

Morgan Co.; wet; 5995.

Pike Co.; shallow water; 6025.

Scleria triglomerata Michx.

Adams Co.; high, dry hill over limestone; 9206.

FAMILY DIOSCOREACEAE

Dioscorea villosa L.

Scott Co.; sandy soil; 3906.

FAMILY GRAMINEAE

Aegilops cylindrica Host.

Greene Co.; edge of railroad tracks; 9331.

Agropyron smithii Rydb.

Cass Co.; cinders along railroad tracks; 4967.

Greene Co.; along railroad tracks; 8901.

Menard Co.; ballast along railroad tracks; 9761.

Agrostis hyemalis (Walt.) BSP.

Schuyler Co.; dry, wooded hillside; 7349.

Scott Co.; dry, rocky mossy hillside; 7673.

Agrostis perennans (Walt.) Tuckerm.

Greene Co.; wooded hillside; 8080.

Morgan Co.; opening in sandy woods; 7968.

Pike Co.; dry, sterile hill in thin woods; 9498.

Schuyler Co.; growing on a mossy, wet rock; 7353.

Agrostis scabra Willd.

Menard Co.; dry sandy soil; 6393.

Alopecurus carolinianus Walt.

Brown Co.; low field; 6819.

Pike Co.; wet soil; 5707.

Andropogon virginicus L.

Macoupin Co.; clay hillside; 8604.

Aristida basiramea Engelm.

Menard Co.; cinders along a railroad; 10063.

Aristida curtissii (A. Gray) Nash

Cass Co.; sand and cinders; 8676.

Aristida desmantha Trin. & Rupr.

Menard Co.; sandy hillside; 5541.

Aristida dichotoma Michx.

Adams Co.; red clay hillside; 9588.

Cass Co.; dry reddish clay; 5450.

Scott Co.; rocky, gravelly clay hillside; 8019.

Aristida intermedia Scribn. & Ball

Cass Co.; low sandy area; 9669.

Aristida longespica Poir.

Adams Co.; dry, poor soil; 9149.

Morgan Co.; clay hillside; 4506.

Pike Co.; dry open hillside in woods; 9500.

Schuyler Co.; dry sterile hillside; 7352.

Scott Co.; rocky, sterile clay hillside; 8018.

Aristida oligantha Michx.

Greene Co.; along railroad tracks; 9226.

Aristida tuberculosa Nutt.

Scott Co.; dry land; 7313.

Arrhenatherum elatius (L.) Mert. and Koch.

Schuyler Co.; ditch along railroad in sand; 10625.

Bouteloua gracilis (HBK.) Lag.

Morgan Co.; along C.B.&Q. railroad; 9945.

Brachyelytrum erectum (Schreb.)

Beauv.

Adams Co.; valley in woods; 9208.

Cass Co.; moist shady hillside in woods; 7333.

Morgan Co.; thin woods; 10519.

Bromus inermis Leyss.

McDonough Co.; sandy clay soil in thin woods; 7635.

Bromus japonicus Thunb.

Morgan Co.; along a railroad; 9808.

Bromus latiglumis (Shear) Hitchc.

Cass Co.; base of wooded hillside; 10201.

Bromus purgans L.

Cass Co.; partial shade; 8906.

Mason Co.; woods; 9838.

- Bromus secalinus* L.
Cass Co.; dry ditch with peaty sand; 4970.
Morgan Co.; sandy soil; 8184.
- Calamagrostis canadensis* (Michx.) Beauv.
Cass Co.; shaded, mucky sand almost in water; 6854.
Schuyler Co.; shady draw; 8362.
- Cenchrus pauciflorus* Benth.
Greene Co.; gravelly soil; 7018.
- Chloris verticillata* Nutt.
Cass Co.; sand; 9257.
Greene Co.; along railroad; 9328.
Mason Co.; sand; 9664.
- Cinna arundinacea* L.
Greene Co.; moist creek valley; 6967.
- Cynodon dactylon* (L.) Pers.
Greene Co.; cinders of railroad; 10219.
Scott Co.; rocky place along railroad; 9068.
- Dactylis glomerata* L.
Mason Co.; moist black sandy soil; 10434.
- Danthonia spicata* (L.) Beauv.
Adams Co.; sterile hillside in thin woods; 8844.
Schuyler Co.; dry hillside in sandy clay; 7594.
Scott Co.; sterile mossy hill in thin woods; 7676.
- Diarrhena americana* Beauv.
Cass Co.; woods; 4426.
- Digitaria filiformis* (L.) Koel.
Mason Co.; sand 10074.
Scott Co.; side of blow sand hill; 7262.
- Digitaria ischaemum* (Schreb.) Muhl.
Greene Co.; moist; 7243.
- Digitaria sanguinalis* (L.) Scop.
Greene Co.; along railroad; 9995.
- Echinochloa walteri* (Pursh) Heller
Brown Co.; low ground; 6355.
- Elymus canadensis* L.
Scott Co.; sandy roadside; 3917.
- Elymus villosus* Muhl.
Cass Co.; north hillside in heavy woods; 10494.
- Eragrostis cilianensis* (All.) Lut.
Brown Co.; low ground; 6353.
Morgan Co.; along a railroad; 9943.
- Eragrostis frankii* C.A.Meyer
Brown Co.; Illinois River bottom-land; 5309.
Cass Co.; river bank at the La Grange locks; 8690.
Greene Co.; moist gravelly soil; 7094.
Mason Co.; alluvial soil; 5547.
Scott Co.; river bank; 9571.
- Eragrostis hypnoides* (Lam.) BSP.
Brown Co.; low moist ground; 6349.
Scott Co.; wet; 6429.
- Eragrostis pectinacea* (Michx.) Nees
Scott Co.; dry, hard gravelly roadside soil; 8408.
- Eragrostis poaeoides* (L.) Beauv.
Cass Co.; dry sandy soil; 5519.
Mason Co.; in sand at bottom of blowhole; 3974.
Morgan Co.; low fallow field; 5979.
- Eragrostis spectabilis* (Pursh) Steud.
Schuyler Co.; moderately dry sand; 8498.
Scott Co.; side of blow sand hill; 7261.
- Festuca elatior* L.
Macoupin Co.; opening in woods on hillside; 8240.
Menard Co.; moist valley; 5534.
- Festuca obtusa* Biehler
Cass Co.; black soil in shade; 3775.
Pike Co.; wooded ravine; 5727.
- Festuca octoflora* Walt.
McDonough Co.; dry sandy soil; 7521.
Schuyler Co.; wooded, sterile north hillside; 6731.
- Glyceria septentrionalis* Hitchc.
Pike Co.; moist soil; 5864.
- Glyceria striata* (Lam.) Hitchc.
Brown Co.; wet; 5850.
Pike Co.; moist shady valley; 5965.
- Hystrix patula* Moench
Greene Co.; 6875.
Menard Co.; dry woods; 6385.

- Koeleria cristata* (L.) Pers.
Morgan Co.; sandy clay hill; 3845.
- Leersia virginica* Willd.
Greene Co.; moist shade; 7158.
Morgan Co.; low, shaded ground; 7964.
- Leptochloa fascicularis* (Lam.) A. Gray
Greene Co.; along railroad in rocky cinders; 9070.
McDonough Co.; along a railroad; 10018.
Mason Co.; cinders and ballast along a railroad; 10438.
Morgan Co.; along railroad in cinders; 9426.
Pike Co.; along railroad in cinders; 9909.
- Lolium multiflorum* Lam.
Greene Co.; along railroad; 8902.
- Muhlenbergia asperifolia* (Nees & Mey.) Parodi
Cass Co.; cinders along a railroad; 10036.
Menard Co.; cinders along a railroad; 10176.
Morgan Co.; cinders along a railroad; 10635.
- Muhlenbergia cuspidata* (Torr.) Rydb.
Cass Co.; north side of sandy clay bluff; 7210.
- Panicum clandestinum* L.
Adams Co.; creek valley; 8834.
Mason Co.; hillside in sandy woods; 7649.
Scott Co.; base of hill; 7670.
- Panicum depauperatum* Muhl.
Schuyler Co.; dry hilltop at edge of woods; 7595.
Scott Co.; moist; 7679.
- Panicum dichotomiflorum* Michx.
Brown Co.; riverbank mud; 4503.
Cass Co.; 9092.
Scott Co.; riverbank mud; 4473.
- Panicum implicatum* Scribn.
Cass Co.; moist peaty sand; 7570.
- Panicum lindheimeri* Nash
Cass Co.; swampy, black sandy soil; 8485.
Greene Co.; dry hill; 7008.
Menard Co., moist sand; 5513.
- Panicum microcarpon* Muhl.
Fulton Co.; moist, gravelly clay bank; 4918.
- Panicum miliaceum* L.
Greene Co.; along railroad in sand & cinders; 9343.
- Panicum oligosanthos* Schult.
Cass Co.; top of high sandy, loess hill; 8764.
Menard Co.; prairie soil in moist area; 7739.
Morgan Co.; high, sandy, loess bluff; 8172.
Scott Co.; sandy bank; 3619.
- Panicum scribnerianum* Nash
Fulton Co.; dry soil; 4791.
- Panicum sphaerocarpon* Ell.
Greene Co.; dry hillside; 7006.
Macoupin Co.; mossy hill top in thin woods; 8294.
- Panicum tennesseense* Ashe
McDonough Co.; thin woods of dry hillside; 7638.
Menard Co.; moist sand; 4933.
Schuyler Co.; dry, rocky clay hillside; 8270.
Scott Co.; sandy shaly clay hillside; 3823.
- Panicum virgatum* L.
Morgan Co.; moist area along G.M.&O. railroad; 9112.
Scott Co.; low ground; 4462.
- Panicum wilcoxianum* Vasey
Scott Co.; sandy; 3915.
- Paspalum fluitans* (Ell.) Kunth
Cass Co.; river bank; La Grange Locks; 8691.
- Phalaris arundinacea* L.
Morgan Co.; moist creek valley; 8177.
- Phragmites communis* Trin.
Scott Co.; ditch bank; 7781.
- Poa annua* L.
Fulton Co.; hillside; 4664.
- Poa chapmaniana* Scribn.
Mason Co.; top of levee; 10268.
- Poa compressa* L.
Morgan Co.; black, sandy soil; 5923.
Scott Co.; sand ridge; 7270.

- Poa palustris* L.
Adams Co.; hard poor soil; 8825.
Cass Co.; wet valley in woods; 7484.
Macoupin Co.; open place in woods; 8243.
Morgan Co.; yellow clay bank; 4507.
- Poa sylvestris* A. Gray
Brown Co.; rocky, mossy wooded hillside; 5674.
Cass Co.; wet peaty sand in woods; 7574.
McDonough Co.; sandy clay bank; 7636.
Schuyler Co.; deep ravine along a creek; 6735.
Scott Co.; moist valley in woods; 3819.
- Setaria italica* (L.) Beauv.
Cass Co.; roadside; 10389.
Menard Co.; wet sandy soil; 5197.
Morgan Co.; railroad bank; 10453.
- Setaria verticillata* (L.) Beauv.
Cass Co.; in an alley; 2475.
Mason Co.; black, sandy soil near river; 10230.
- Setaria viridis* (L.) Beauv.
Schuyler Co.; sand and cinders along a railroad; 9251.
- Sorghum halepense* (L.) Pers.
Fulton Co.; dry area; 6075.
Menard Co.; moist sandy soil; 5566.
Scott Co.; ditch along a road; 9506.
- Sorghum vulgare* Pers.
Cass Co.; edge of sandy swamp; 8422.
Fulton Co.; low pasture; 6242.
Greene Co.; waste ground; 7098.
Mason Co.; along the Illinois River; 10233.
Menard Co.; 10139.
- Spartina pectinata* Link.
Scott Co.; moist; 4192.
- Sphenopholis intermedia* Rydb.
Greene Co.; moist; 6774.
- Sphenopholis obtusata* (Michx.) Scribn.
Mason Co.; sandy soil; 8767.
Schuyler Co.; dry woods; 7591.
Scott Co.; prairie soil along a railroad; 9735.
- Sporobolus asper* (Michx.) Kunth
Greene Co.; along railroad tracks; 7329.
Scott Co.; 4384.
- Sporobolus clandestinus* (Biehler) Hitchc.
Menard Co.; sandy wooded hillside; 5569.
Schuyler Co.; railroad tracks; 5215.
- Sporobolus cryptandrus* (Torr.) A. Gray
Fulton Co.; sandy and dry; 6066.
- Sporobolus heterolepis* A. Gray
Mason Co.; black sandy soil; 7886.
Menard Co.; prairie soil along railroad; 10050.
- Sporobolus neglectus* Nash
Cass Co.; sand and cinders along railroad; 8685.
Mason Co.; abandoned railroad; 10393.
- Sporobolus vaginiflorus* (Torr.) Wood
Cass Co.; moist clay; 7332.
Greene Co.; 9078.
Pike Co.; gravelly clay; 10094.
Scott Co.; moist sandy clay; 4293.
- Triplasis purpurea* (Walt.) Chapm.
Brown Co.; river bank in dry sand; 6347.
Fulton Co.; dry, sandy river bank; 6210.
Scott Co.; dry sandy soil; 4336.
- Tripsacum dactyloides* L.
Scott Co.; along railroad; 4047.

FAMILY HYDROCHARITACEAE

- Elodea occidentalis* (Pursh) St. John
Cass Co.; water; 5929.
Greene Co.; shallow water; 7104.
Schuyler Co.; ditch; 2270.

FAMILY IRIDACEAE

- Belamcanda chinensis* (L.) DC.
Fulton Co.; bluffs; 5060.
Morgan Co.; clay soil; 8014.

Iris brevicaulis Raf.

- Brown Co.; wooded hillside; 5853.
Mason Co.; 8198.
Menard Co.; low ground; 8200.
Scott Co.; shady north hillside;
4922.

Iris shrevei Small

- Morgan Co.; wet ditch; 2750.

Sisyrinchium albidum Raf.

- Adams Co.; along stream in thin
woods; 8727.
Greene Co.; dry hillside; 6710.
McDonough Co.; moist, shady
valley; 7554.
Menard Co.; dry black prairie
soil; 4624.
Scott Co.; rocky hillside; 3755.

Sisyrinchium atlanticum Bickn.

- Brown Co.; 2656.

Sisyrinchium bermudiana L.

- Brown Co.; moist and sunny; 5823.

Sisyrinchium campestre Bickn.

- Menard Co.; high sandy clay hill;
4622.
Scott Co.; dry sand; 3641.

FAMILY JUNCACEAE

Juncus biflorus Ell.

- Cass Co.; sandy loam; 5601.

Juncus dudleyi Wieg.

- Brown Co.; wet; 8288.

Juncus interior Wieg.

- Morgan Co.; black, sandy soil;
5924.

FAMILY LILIACEAE

Allium mutabilis Michx.

- Greene Co.; sand and cinders
along railroad; 9333.
Mason Co.; low, sandy brush
thicket; 10316.

Allium tricoccum Ait.

- Fulton Co.; woods; 4912.

Asparagus officinalis L.

- Schuyler Co.; 8268.

Hemerocallis fulva L.

- Fulton Co.; moist roadside; 5078.
Menard Co.; 4953.
Pike Co.; roadside; 9884.

Ornithogalum umbellatum L.

- Brown Co.; hillside in woods;
3700.
Scott Co.; creek bottom; 3564.

Smilax ecirrhata (Engelm.) Wats.

- Cass Co.; woods; 92.
Morgan Co.; woods; 3613.
Pike Co.; woods; 5658.

Smilax hispida Muhl.

- Schuyler Co.; moist thin woods;
6618.

Smilax illinoensis Mangaly

- Greene Co.; woods; 6699.

Smilax lasionetra Hook.

- Morgan Co.; 1604.

Trillium gleasoni Fern.

- Fulton Co.; base of north hillside;
4619.

- Schuyler Co.; base of northwest
hillside; 7581.

Trillium nivale Riddell

- Brown Co.; wooded hillside; 5675.

Uvularia grandiflora Sm.

- Mason Co.; woods; 7998.

- Scott Co.; woods; 3592.

Yucca filamentosa L.

- Brown Co.; roadside bank; 3068.
Cass Co.; dry, sandy area; 941.
Macoupin Co.; gravelly clay hill-
side; 8219.

- Mason Co.; sand; 954.

- Menard Co.; sandy soil along side
road; 5016.

- Schuyler Co.; clay hillside; 2903.

- Scott Co.; side of ravine in clay
soil; 3874.

FAMILY ORCHIDACEAE

Aplectrum hyemale (Muhl.) Torr.

- Cass Co.; thin woods; 6652.
Mason Co.; low sand woods; 9706.

Corallorhiza odontorhiza (Willd.)
Nutt.

- Cass Co.; rich, moist, black, sandy
woods; 9269.

- Greene Co.; wooded hillside; 8066.

- Mason Co.; sandy alluvial soil;
9285.

- Pike Co.; wooded hillside in gray
clay soil; 8558.

Corallorhiza wisteriana Conrad

- Scott Co.; woods in loamy, sandy
soil; 7451.

Cypripedium parviflorum Salisb.

- Schuyler Co.; woods; 10644.

Goodyera pubescens (Willd.) R. Br.
Mason Co.; low, river birch thick-
et; 10248.

Habenaria flava (L.) R. Br.
Cass Co.; woods; 8806.

Habenaria huronensis (Nutt.)
Spreng.
Mason Co.; moist woods; 6955.

Habenaria lacera (Michx.) Lodd.
Adams Co.; dry soil on a flat hill
top; 8812.

Liparis loeselii (L.) Rich.
Cass Co.; wet sandy soil; 10360.

Orchis spectabilis L.
Greene Co.; woods; 7468.
Schuyler Co.; woods; 7756.

Spiranthes cernua (L.) Rich.
Brown Co.; hillside in clay; 6624.
Scott Co.; high loess hillside; 4411.

Spiranthes gracilis (Bigel.) Beck
McDonough Co.; dry, grassy hill-
side; 8064.

Morgan Co.; dry clay hillside;
4307.

Pike Co.; clay hill; 6249.

Spiranthes ovalis Lindl.
Cass Co.; valley between high
bluffs; 8007.

FAMILY POTAMOGETONACEAE

Potamogeton americanus C. & S.
Scott Co.; 7680.

Potamogeton crispus L.
Fulton Co.; Anderson Lake; 6444.

Potamogeton diversifolius Raf.
Mason Co.; sand pond in shallow
water and on mud; 7192.

Pike Co.; on "watery mud" where
water level had gone down;
5936.

Potamogeton foliosus Raf.
Pike Co.; in shallow water; 5941.

Potamogeton pectinatus L.
Cass Co.; in an old isolated pond
(10-15 years old); 10392.

Potamogeton pusillus L.
Cass Co.; in deep water; 8191.

Zannichellia palustris L.
Schuyler Co.; in clear, cool water;
6162.

FAMILY SPARGANIACEAE

Sparganium americanum Nutt.
Fulton Co.; shallow water; 5788.

Pike Co.; wet; 5942.

Sparganium androcladum (Engelm.)
Morong.

Schuyler Co.; drainage ditch;
6161.

Sparganium chlorocarpum Rydb.
Schuyler Co.; water in a ditch;
3124.

Sparganium eurycarpum Engelm.
Brown Co.; swampy; 4497.

FAMILY TYPHACEAE

Typha angustifolia L.
McDonough Co.; wet; 7814.

FAMILY XYRIDACEAE

Xyris torta Sm.
Cass Co.; peaty sand; 4136.

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