

A PRELIMINARY CHECK LIST OF THE VASCULAR PLANTS OF SANGAMON COUNTY, ILLINOIS

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Sangamon County is situated near the southwest part of the prairie portion of the State of Illinois, popularly known as the "Corn Belt." Its surface is a nearly level plain, rather deeply dissected by the Sangamon River and its branches. The upland plain was originally covered with a rich vegetation of prairie grasses whereas forests occupied the stream valleys. These forests seem to have occupied nearly one-third of the entire area of the county. At present practically all of the upland and more than half of the stream valleys are cultivated fields. Small remnants of prairie vegetation are to be found along the railway right-of-way. Some of the forested valleys remain, but most of the valuable timber has been removed.

For some unexplained reason the county has produced no scientist interested in its rich flora, and few botanical collectors seem to have visited its field,

hence its plant life has been relatively unknown. Therefore, during the seasons of 1940 and 1941, the Illinois State Museum undertook to explore the extent of the flora. By means of collectors obtained through the WPA, every one of the townships of the county was visited repeatedly during the two growing seasons and some 4000 plant specimens were taken which have been preserved in the herbarium of the Illinois State Museum. Since the project was interrupted in 1942, due to lack of collectors, it seemed desirable to publish this incomplete preliminary check list of some 870 species. In compiling this list the nomenclature of Deam's "Flora of Indiana" has been followed, supplemented by Hitchcock's "Manual of Grasses of the United States," and Rehder's "Manual of Cultivated Trees and Shrubs Hardy in North America," (Second Edition).

OPHIOGLOSSACEAE

- Botrychium obliquum* Muhl.
" *virginianum* (L.) Sw.

POLYPODIACEAE

- Cystopteris fragilis* (L.) Bernh.
Onoclea sensibilis L.
Dryopteris hexagonoptera (Michx.) C.Ch.
Dryopteris thelypteris (L.) Gray
Polystichum acrostichoides (Michx.) Schott.
Asplenium platyneuron (L.) Oakes.
Adiantum pedatum L.

SALVINIACEAE

- Azolla caroliniana* Willd.

EQUISETACEAE

- Equisetum arvense* L.
" *fluvatile* L.
" *prealtum* Raf.

TYPHACEAE

- Typha latifolia* L.

SPARGANIACEAE

- Sparganium eurycarpum* Engelm.

POTAMOGETONACEAE

- Potamogeton pectinatus* L.
spp.

ALISMACEAE

- Alisma subcordatum* Raf.
Echinodorus radicans (Nutt.) Engelm.
Sagittaria latifolia Willd.

GRAMINEAE

- Bromus ciliatus* L.
" *commutatus* Schrad.
" *purgans* L.
" *secalinus* L.
" *tectorum* L.
Festuca octoflora Walt.
Glyceria striata (Lam.) Hitchc.
Poa annua L.
" *compressa* L.
" *pratensis* L.
" spp.
Eragrostis cilianensis (All.) Link
" *frankii* Meyer
" *hypnoides* (Lam.) BSP.
" *pectinacea* (Michx.) Nees
" *spectabilis* (Pursh) Steudel
Uniola latifolia Michx.

GRAMINEAE cont.

- Phragmites communis* Trin.
Dactylis glomerata L.
Triodia flava (L.) Hitchc.
Agropyron repens (L.) Beauv.
Elymus canadensis L.
 " *villosus* Muhl.
 " *virginicus* L.
Hordeum jubatum L.
 " *nodosum* L.
 " *pusillum* Nutt.
Hystrix patula Moench.
Lolium perenne L.
Sphenopholis intermedia (Rydb.) Rydb.
Calamagrostis canadensis (Michx.)
 Beauv.
Agrostis alba L.
 " *perennans* (Walt.) Tuck.
Cinna arundinacea L.
Phleum pratense L.
Aristida oligantha Michx.
Eleusine indica (L.) Gaertn.
Spartina pectinata Link.
Muhlenbergia mexicana (L.) Trin.
Leersia oryzoides (L.) Sw.
 " *virginica* Willd.
Digitaria ischaemum (Schreb.) Muhl.
 " *sanguinalis* (L.) Scop.
Panicum capillare L.
 " *dichotoma* L.
 " *dichotomiflorum* Michx.
 " *latifolium* L.
 " *miliaceum* L.
 " *scribnerianum* Nash.
 " *virgatum* L.
 " *villosissimum* Nash.
Echinocloa crusgalli (L.) Beauv.
Setaria lutescens (Weigel.) Hubb.
 " *viridis* (L.) Beauv.
Andropogon furcatus Muhl.
 " *scoparius* Michx.
Sorghastrum nutans (L.) Nash.

CYPERACEAE

- Cyperus diandrus* Torr.
 " *fliculmis* Vahl.
 " *rivularis* Kunth.
 " *strigosus* L.
Scirpus americanus Pers.
 " *atrovirens* Muhl.
 " *cyperinus* (L.) Kunth.
 " *lineatus* Michx.
 " *validus* Vahl.
Eleocharis obtusa (Willd.) Schultes
 " *tenuis* Kunth.
Carex alopecoides Tuck.
 " *aurea* Nutt.
 " *blanda* Dewey
 " *cephalophora* Muhl.
 " *cephaloidea* Dewey
 " *crisatella* Britt.
 " *davisii* Schw. and Torr.
 " *frankii* Kunth.
 " *gravidia* Bailey
 " *grayii* Carey
 " *grisea* Wahl.

CYPERACEAE cont.

- Carex* *hirsutilla* Mack.
 " *laxiflora* Lam.
 " *lunelliana* Mack.
 " *lupulina* Nutt.
 " *monile* Tuck.
 " *normalis* Mack.
 " *pallescent* L.
 " *pennsylvanica* L.
 " *platyphylla* Carey
 " *plana* Mack.
 " *rosea* Schkuhr.
 " *scoparia* Schkuhr.
 " *shortiana* Dewey
 " *sparganoides* Muhl.
 " *tribuloides* Wahl.
 " *vulpinoidea* Michx.

ARACEAE

- Arisaema dracontium* (L.) Schott.
 " *triphylum* (L.) Schott.

LEMNACEAE

- Spirodela polyrrhiza* (L.) Schleid.
Lemna trisulca L.
 " *minor* L.

COMMELINACEAE

- Commelina communis* L.
 " *erecta* L.
Tradescantia canaliculata Raf.
 " *subasper* Ker.
 " *virginiana* L.
 " *virginiana* var. *rosea*

JUNCACEAE

- Juncus brachycarpus* Engelm.
 " *effusus* L.
 " *macer* Gray
 " *nodosus* L.
Luzula multiflora (Ehrh.) Lejeune

LILIACEAE

- Uvularia grandiflora* Smith
Hemerocallis fulva L.
Allium canadense L.
 " *cernuum* Roth.
 " *tricoccum* Ait.
 " *vineale* L.
Nothoscordum bivalve (L.) Britt.
Erythronium albidum (Nutt.)
 " *americanum* (Ker.)
Camassia scillioidea (Raf.) Cary
Ornithogallum umbellatum L.
Muscari botryoides (L.) Mill.
Asparagus officinalis L.
Smilacina racemosa (L.) Desf.
 " *stellata* (L.) Desf.
Trillium nivale Riddell
 " *recurvatum* Beck.
Polygonatum biflorum (Walt.) Ell.
 " *pubescens* (Willd.) Pursh
Lilium superbum L.
Smilax ecirrhata (Engelm.) Wats.
 " *herbacea* L.
 " *hispida* Muhl.
 " *rotundifolia* L.

AMARYLLIDACEAE

Hypoxis hirsuta (L.) Coville

DIOSCOREACEAE

Dioscorea villosa L.

IRIDACEAE

Iris virginica L. var. *shrevei* (Small)

Anderson

Belamcanda chinensis (L.) DC.

Sisyrinchium albidum Raf.

" *angustifolium* Mill.

" *graminoides* Bickn.

ORCHIDACEAE

Orchis spectabilis L.

Spiranthes gracilis (Bigel.) Beck

" *cernua* (L.) Richard

Liparis liliifolia (L.) Richard

SAURURACEAE

Saururus cernuus L.

SALICACEAE

Populus alba L.

" *deltoides* Marsh.

Salix alba L.

" *amygdaloides* Anders.

" *humilis* Marsh.

" *interior* Rowlee

" *nigra* Marsh.

JUGLANDACEAE

Juglans cinerea L.

" *nigra* L.

Carya cordiformis (Wang.) K. Koch

" *glabra* (Mill.) Sweet

" *laciniosa* (Michx. f.) Loud.

" *ovata* (Mill.) Sweet

" *tomentosa* (Lam.) Nutt.

BETULACEAE

Carpinus caroliniana Walt.

Ostrya virginiana (Mill.) K. Koch

Betula nigra L.

FAGACEAE

Quercus alba L.

" *bicolor* Willd.

" *borealis* Michx.

" *imbricaria* Michx.

" *macrocarpa* Michx.

" *muhlenbergii* Engelm.

" *palustris* Muench.

" *velutina* Lam.

" *marilandica* Muench.

ULMACEAE

Ulmus americana L.

" *fulva* Michx.

Celtis occidentalis L.

MORACEAE

Morus alba L.

" *rubra* L.

Maclura pomifera (Raf.) Schneid.

Humulus americanus Nutt.

MORACEAE cont.

Humulus japonicus Sieb. & Zucc.

" *lupulus* L.

Cannabis sativa L.

URTICACEAE

Urtica procera Muhl.

Laportea canadensis (L.) Gaud.

Pilea pumila (L.) Gray

Boehmeria cylindrica (L.) Sw.

Parietaria pennsylvanica Muhl.

SANTALACEAE

Comandra richardsoniana Fern.

ARISTOLOCHIACEAE

Asarum canadense L.

POLYGONACEAE

Rumex acetosella L.

" *altissimus* Wood

" *crispus* L.

" *verticillatus* L.

Polygonum aviculare L.

" *amphibium* L.

" *buxiforme* Small

" *coccineum* Muhl.

" *convolvulus* L.

" *hydropiper* L.

" *lapathifolium* L.

" *monspeliense* Thieb.

" *orientale* L.

" *pennsylvanicum* L.

" *persicaria* L.

" *punctatum* Ell.

" *scandens* L.

" *virginianum* L.

CHENOPODIACEAE

Atriplex patula L.

Chenopodium album L.

" *ambrosioides* L.

" *boscianum* Moq.

" *berlandieri* Moq.

Kochia scoparia (L.) Schrad.

Salsola pestifer Nelson

AMARANTHACEAE

Amaranthus blitoides Wats.

" *graecizans* L.

" *hybridus* L.

" *retroflexus* L.

" *spinosus* L.

Acnida altissima Riddell

" *altissima* var. *subnuda* (Wats.)

Standley

" *tamariscina* (Nutt.) Wood

Froelichia gracilis (Hook.) Moq.

NYCTAGINACEAE

Oxybaphus nyctagineus (Michx.) Sweet

PHYTOLACCACEAE

Phytolacca americana L.

AIZOACEAE

Mollugo vertillata L.

PORTULACACEAE

Claytonia virginica L.
Portulaca oleracea L.

CARYOPHYLLACEAE

Stellaria longifolia Muhl.
" media (L.) Cyril.
Cerastium arvense L.
" nutans Raf.
" vulgatum L.
Arenaria lateriflora L.
" serpyllifolia L.
Paronychia canadensis (L.) Wood
Agrostemma githago L.
Silene antirrhina L.
" latifolia (Mill.) B. and B.
" nivea (Nutt.) Otth.
" noctiflora L.
" stellata (L.) Ait.
" stellata var. scabrella Nieuwl.
Lychnis alba Mill.
Saponaria officinalis L.
" vaccaria L.

NYMPHAEACEAE

Nelumbo pentapetala (Walt.) Fern.
Nuphar advena Ait.

CERATOPHYLLACEAE

Ceratophyllum demersum L.

RANUNCULACEAE

Hedysarum canadensis L.
Isopyrum biternatum (Raf.) T.&G.
Actaea alba (L.) Mill.
Aquilegia canadensis L.
Delphinium ajacis L.
" tricornis Michx.
Anemone canadensis L.
" cylindrica Gray
" virginiana L.
Anemonella thalictroides (L.) Spach.
Hepatica acutiloba DC.
Clematis pitcheri T.&G.
" viorna L.
" virginiana L.
Myosurus minimus L.
Ranunculus abortivus L.
" fascicularis Muhl.
" hispidus Michx.
" pennsylvanicus L.
" recurvatus Poir.
" septentrionalis Poir.
Thalictrum dasycarpum F.&L.
" dioicum L.
" revolutum DC.

BERBERIDACEAE

Podophyllum peltatum L.
Caulophyllum thalictroides (L.) Michx.
Berberis vulgaris L.

MENISPERMACEAE

Menispermum canadense L.

ANONACEAE

Asimina triloba (L.) Dunal.

LAURACEAE

Sassafras albidum (Nutt.) Nees.
Benzoin aestivale (L.) Nees.

PAPAVERACEAE

Sanguinaria canadensis L.
Papaver rhoeas L.

FUMARIACEAE

Dicentra canadensis (Goldie) Walp.
" cucullaria (L.) Bernh.

CRUCIFERAE

Lepidium campestre (L.) R.Br.
" virginicum L.
Thlaspi arvense L.
Sisymbrium officinale (L.) Scop.
" altissimum L.
Brassica juncea (L.) Cosson.
" nigra (L.) Koch.
Barbarea vulgaris R.Br.
Iodanthus pinnatifidus (Michx.) Steud.
Roripa sessiliflora (Nutt.) Hitchc.
" palustris (L.) Bess.
Nasturtium officinale R.Br.
Armoracia rusticana Gaertn.
" aquatica (Eaton) Wieg.
Cardamine bulbosa (Scherb.) BSP.
Dentaria laciniata Muhl.
Capsella bursa-pastoris (L.) Medic.
Draba reptans (Lam.) Fern.
Descurainia brachycarpa (Rich.) Schulz.
Arabis canadensis L.
" dentata T.&G.
" lyrata L.
" virginica (L.) Poir.
Erysimum cheiranthoides L.
Hesperis matronalis L.
Conringia orientalis (L.) Dumort.

CAPPARIDACEAE

Polanisia graveolens Raf.

CRASSULACEAE

Sedum ternatum Michx.
Penthorum sedoides L.

SAXIFRAGACEAE

Heuchera hirsuticaulis Wheelock
" hispida Pursh.
Hydrangea arborescens L.
Ribes missouriense Nutt.

PLATANACEAE

Platanus occidentalis L.

ROSACEAE

Aruncus dioicus (Walt.) Fern.
Malus ioensis (Wood) Britt.
Amelanchier canadensis (L.) Medic.
Crataegus crus-galli L.
" farwellii Sarg.
" margaretta Ashe
" mollis (T.&G.) Scheele
" punctata Jacq.
" pruinosa (Wendl.) Koch
spp.

ROSACEAE cont.

- Rubus allegheniensis* Porter
 " *hispidus* L.
 " *occidentalis* L.
 " *villosus* Ait.
 " spp.
Fragaria virginiana Duchesne
Potentilla argentea L.
 " *arguta* Pursh.
 " *monspeliensis* L.
 " *recta* L.
 " *simplex* Michx.
Geum canadense Jacq.
 " *macrophyllum* Willd.
 " *strictum* Ait.
 " *vernum* (Raf.) T.&G.
 " *virginianum* L.
Agrimonia gryposepala Wallr.
 " *parviflora* Ait.
 " *pubescens* Wallr.
 " *rostellata* Wallr.
Rosa blanda Ait.
 " *carolina* L.
 " *palustris* Marsh.
 " *setigera* Michx.
Prunus americana Marsh.
 " *hortulana* Bailey
 " *lanata* (Sudw.) M.&B.
 " *mahaleb* L.
 " *persica* (L.) Stokes
 " *serotina* Ehrh.

LEGUMINOSEAE

- Cassia fasciculata* Michx.
 " *marilandica* L.
Cercis canadensis L.
Gleditsia triacanthos
Gymnocladus dioica (L.) Koch
Baptisia leucantha T.&G.
Medicago lupulina L.
 " *sativa* L.
Melilotus alba Desr.
 " *officinalis* (L.) Lam.
Trifolium agrarium L.
 " *hybridum* L.
 " *procumbens* L.
 " *pratense* L.
 " *repens* L.
Psoralea onobrychis Nutt.
 " *tenuiflora* Pursh.
Amorpha canescens Nutt.
 " *fruticosa* L.
Petalostemum candidum (Willd.) Michx.
 " *purpureum* (Vent.) Rydb.
Tephrosia virginiana (L.) Pers.
 " *virginiana* var. *holoserica*
 (Nutt.) T.&G.
Robinia pseudo-acacia (L.) Pers.
Astragalus canadensis L.
Desmodium acuminatum (Michx.) DC.
 " *canadense* (L.) DC.
 " *canescens* (L.) DC.
 " *dillenii* Darl.
 " *illinoiense* Gray
 " *nudiflorum* (L.) DC.
 " *paniculatum* (L.) DC.
 " *viridiflorum* (L.) Beck.

LEGUMINOSEAE cont.

- Lespedeza capitata* Michx.
 " *hirta* (L.) Horem.
 " *intermedia* (Wats.) Britt.
 " *procumbens* Miehx.
 " *violacea* (L.) Pers.
 " *virginica* (L.) Britt.
Vicia villosa Roth.
Lathyrus ochroleucus Hook.
Amphicarpa bracteata (L.) Fern.
Apios americana Medic.
Strophostyles helvola (L.) Britt.
 " *leiosperma* (T.&G.) Piper

GERANIACEAE

- Geranium bicknellii* Britt.
 " *carolinum* L.
 " *maculatum* L.

OXALIDACEAE

- Oxalis europaea* Jordan
 " *grandis* Small
 " *stricta* L.
 " *violacea* L.

ZYGOPHYLLACEAE

- Tribulus terrestris* L.

RUTACEAE

- Zanthoxylum americanum* L.
Ptelea trifoliata L.

POLYGALACEAE

- Polygala sanguinea* L.
 " *verticillata* L.

EUPHORBIACEAE

- Croton glandulosus* L.
Acalypha ostryaefolia Riddell
 " *virginica* L.
Euphorbia corollata L.
 " *cyparissias* L.
 " *dentata* Michx.
 " *geyeri* Engelm.
 " *glyptosperma* Engelm.
 " *heterophylla* L.
 " *maculata* L.
 " *marginata* Pursh
 " *supina* Raf.

LIMNANTHACEAE

- Floerkea proserpinacoides* Willd.

ANACARDIACEAE

- Rhus glabra* L.
 " *radicans* L.
 " *typhina* L.

CELASTRACEAE

- Evonymus atropurpureus* Jacq.
Celastrus scandens L.

STAPHYLEACEAE

- Staphylea trifolia* L.

ACERACEAE

- Acer* negundo L.
 " nigrum Michx. f.
 " saccharinum L.
 " saccharum Marsh.
 " saccharum var. rugelii (Pax)
 Rehder

HIPPOCASTANACEAE

- Aesculus* glabra Willd.

BALSAMINACEAE

- Impatiens* biflora Walt.
 " pallida Nutt.

RHAMNACEAE

- Rhamnus* lanceolata Pursh
Ceanothus americanus L.

VITACEAE

- Vitis* aestivalis Michx.
 " cinerea Engelm.
 " riparia Michx.
Parthenocissus quinquefolia (L.) Planch.

TILIACEAE

- Tilia* americana L.

MALVACEAE

- Abutilon* theophrasti Medic.
Malva rotundifolia L.
Callirhoe triangulata (Leavenw.) Gray
Napaea dioica L.
Sida spinosa L.
Hibiscus militaris Cav.

HYPERICACEAE

- Hypericum* mutilum L.
 " perforatum L.
 " prolificum L.
 " punctatum Lam.
 " sphaerocarpum Michx.

CISTACEAE

- Lechea* tenuifolia Michx.
Helianthemum canadense (L.) Michx.

VIOLACEAE

- Viola* arvense Murr.
 " canadensis L.
 " ericarpa Schwein.
 " missouriensis Greene
 " palmata L.
 " papilionacea Pursh
 " pubescens Ait.
 " rafinesquii Greene
 " scabriuscula Schwein.
 " sororia Willd.
 " sagittata Ait.
 " striata Ait.
 " tricolor L.

LYTHRACEAE

- Ammannia* coccinea Rottb.
Lythrum alatum Pursh
Cuphea petiolata (L.) Koehne

ONAGRACEAE

- Jussiaea* diffusa Forskal.
Ludwigia palustris (L.) Ell.
 " alternifolia L.
Epilobium coloratum Muhl.
Oenothera biennis L.
 " cruciata Nutt.
 " laciniata Hill
 " pilosella Raf.
 " rhombipetala Nutt.
Gaura biennis L.
 " parviflora Dougl.
Circaea latifolia Hill

HALORAGIDACEAE

- Myriophyllum* spicatum Fern.
 " heterophyllum Michx.

ARALIACEAE

- Aralia* nudicaulis L.
Panax quinquefolium L.

UMBELLIFERAE

- Sanicula* canadensis L.
 " gregaria Bickn.
 " marilandica L.
 " trifoliata Bickn.
Eryngium yuccaefolium Michx.
Chaerophyllum procumbens (L.) Crantz.
Osmorrhiza claytoni (Michx.) Clarke
 " longistylis (Torr.) DC.
Zizia aurea (L.) Koch.
Cicuta maculata L.
Cryptotaenia canadensis (L.) DC.
Carum carvi L.
Taenidia integerrima (L.) Drude
Perideridia americana (Nutt.) Reichenb.
Sium suave Walt.
Thaspium trifoliatum (L.) Britt. var.
 " flavum Blake
Angelica atropurpurea L.
Oxypolis rigidior (L.) Raf.
Pastinaca sativa L.
Heracleum lanatum Michx.
Daucus carota L.

CORNACEAE

- Cornus* asperifolia Michx.
 " racemosa Lam.

ERICACEAE

- Monotropa* uniflora L.

PRIMULACEAE

- Samolus* pauciflorus Raf.
Lysimachia ciliata L.
 " lanceolata Walt.
 " longifolia Pursh
 " nummularia L.
 " thyrsoflora L.
Dodecatheon meadia L.

OLEACEAE

- Fraxinus* americana L.
 " lanceolata Borkh.
 " pennsylvanica Marsh.
 " quadrangulata Michx.

GENTIANACEAE

Gentiana andrewsii Griseb.

APOCYNACEAE

Amsonia tabernaemontana Walt.

Vinca minor L.

Apocynum androsaemifolium L.

" *cannabinum* L.

" *cannabinum* var. *pubescens*
(Mitchell) A.DC.

ASCLEPIADACEAE

Acerates floridana (Lam.) Hitchc.

" *viridiflora* (Raf.) Eaton

Asclepias incarnata L.

" *purpurascens* L.

" *phytolaccoides* Pursh

" *syriaca* L.

" *sullivantii* Engelm.

" *verticillata* L.

Gonolobus gonocarpus (Walt.) Perry

CONVOLVULACEAE

Cuscuta gronovii Willd.

" *pentagona* Engelm.

" spp.

Convolvulus arvensis L.

" *repens* L.

" *sepium* L.

Ipomoea hederacea Jacq.

" *lacunosa* L.

" *pandurata* (L.) Mey

" *purpurea* (L.) Roth.

POLEMONIACEAE

Phlox bifida Beck

" *divaricata* L.

" *glaberrima* L.

" *paniculata* L.

" *pilosa* L.

Polemonium reptans L.

HYDROPHYLLACEAE

Hydrophyllum appendiculatum Michx.

" *macrophyllum* Nutt.

" *virginicum* L.

Ellisia nyctelea L.

Phacelia bipinnatifida Michx.

BORAGINACEAE

Heliotropium indicum L.

Cynoglossum officinale L.

Lappula echinata Gilib.

Hackelia virginium (L.) Johnston

Myosotis scorpioides L.

" *virginica* (L.) BSP.

Mertensia virginica (L.) Link

Lithospermum arvense L.

" *canescens* (Michx.) Lehm.

" *croceum* Fern.

" *incisum* Lehm.

VERBENACEAE

Verbena bracteata Lag. & Rodr.

" *hastata* L.

" *simplex* Lehm.

" *stricta* Vent.

VERBENACEAE cont.

" *urticaefolia* L.

Phyla lanceolata (Michx.) Greene

LABIATAE

Teucrium canadense L.

Scutellaria galericulata L.

" *lateriflora* L.

" *ovata* Hill

" *ovalifolia* Pers.

" *parvula* Michx.

Marrubium vulgare L.

Agastache nepetoides (L.) Ktze.

Nepeta cataria L.

Glechoma hederacea L.

Glechoma hederacea var. *parviflora*

(Benth.) House

Prunella vulgaris L.

Physostegia virginiana (L.) Benth.

Leonurus cardiaca L.

" *marrubiastrum* L.

Stachys asper Michx.

" *hispida* Pursh

" *palustris* L.

" *tenuifolia* Willd.

Salvia lyrata L.

Monarda bradburiana Beck.

" *fistulosa* L.

" " var. *mollis* (L.)

Benth.

Blephilia ciliata (L.) Raf.

" *hirsuta* (Pursh) Benth.

Hedeoma pulegoides (L.) Pers.

" *hispida* Pursh

Pycnanthemum flexuosum (Walt.) BSP.

" *pilosum* Nutt.

" *virginianum* (L.) D.&J.

Lycopus americanus Muhl.

" *virginicus* L.

Mentha arvensis L.

" *canadensis* L.

" *spicata* L.

" *piperita* L.

SOLANACEAE

Physalis heterophylla Nees.

" *lanceolata* Michx.

" *pubescens* L.

" *subglabrata* Mack. & Bush.

Solanum carolinense L.

" *dulcamara* L.

" *nigrum* L.

" *rostratum* Dunal.

Datura stramonium L.

SCROPHULARIACEAE

Verbascum blattaria L.

" *thapsus* L.

Kickxia elatine (L.) Dumort.

Linaria canadensis (L.) Dumort.

" *vulgaris* Hill

Chaenorrhinum minus (L.) Lange.

Collinsia verna Nutt.

Scrophularia lanceolata Pursh

" *marilandica* L.

Chelone glabra L.

Pentstemon digitalis Nutt.

SCROPHULARIACEAE cont.

- Pentstemon hirsutus* (L.) Willd.
 " *pallidus* Small
Mimulus alatus Ait.
 " *ringens* L.
Leucospora multifida (Michx.) Nutt.
Lindernia dubia (L.) Pennell
Veronica arvensis L.
 " *peregrina* L.
 " *serpyllifolia* L.
Veronicastrum virginicum (L.) Farw.
Dasistoma macrophylla (Nutt.) Farw.
Gerardia tenuifolia Vahl.
Aureolaria flava (L.) Farw.
 " *grandiflora* (Benth.) Penn.
 " *pedicularia* (L.) Raf.
 " *virginica* (L.) Farw.
Melampyrum lineare Lam.
Pedicularis canadensis L.

BIGNONIACEAE

- Campsis radicans* (L.) Seeman
Catalpa speciosa Warder

LENTIBULARIACEAE

- Utricularia macrorhiza* Le Conte

ACANTHACEAE

- Ruellia caroliniensis* (Walt.) Streud.
 " *pedunculata* Torr.
 " *strepens* L.
Dianthera americana L.

PHRYMACEAE

- Phryma leptostachya* L.

PLANTAGINACEAE

- Plantago aristata* Michx.
 " *lanceolata* L.
 " *major* L.
 " *rugelii* Dene.
 " *virginica* L.

RUBIACEAE

- Houstonia longifolia* Gaertn.
 " *purpurea* L.
Cephalanthus occidentalis L.
Diodia teres Walt.
Spermacoce glabra Michx.
Galium aparine L.
 " *asprellum* Michx.
 " *circaezens* Michx.
 " *concinnum* T.&G.
 " *pilosum* Ait.
 " *tinctorium* L.
 " *triflorum* Michx.

CAPRIFOLIACEAE

- Sambucus canadensis* L.
Viburnum acerifolium L.
 " *lentoga* L.
 " *prunifolium* L.
Triosteum aurantiacum Bickn.
 " *perfoliatum* L.
Symphoricarpos orbiculatus Moench.
 " *rivularis* Suksdorf.

CAPRIFOLIACEAE cont.

- Lonicera dioica* L.
 " *sempervirens* L.

VALERIANACEAE

- Valeriana pauciflora* Michx.

DIPSACACEAE

- Dipsacus sylvestris* Huds.

CUCURBITACEAE

- Echinocystis lobata* (Michx.) T.&G.
Sicyos angulatus L.
Cucurbita foetidissima HBK.

CAMPANULACEAE

- Campanula americana* L.
Specularia perfoliata (L.) A. DC.

LOBELIACEAE

- Lobelia cardinalis* L.
 " *kalmii* L.
 " *inflata* L.
 " *siphilitica* L.
 " *spicata* Lam.

COMPOSITAE

- Vernonia altissima* Nutt.
 " *fasciculata* Michx.
 " *missurica* Raf.
Elephantopus carolinianus Raenschel.
Eupatorium altissimum L.
 " *coelestinum* L.
 " *maculatum* L.
 " *perfoliatum* L.
 " *purpureum* L.
 " *rugosum* Houtt.
 " *serotinum* Michx.
 " *sessilifolium* L.
Kuhnia eupatorioides L.
Liatris pycnostachya Michx.
 " *squarrosa* Willd.
 " *spicata* (L.) Willd.
Solidago altissima L.
 " *caesia* L.
 " *canadensis* L.
 " *gigantea* Ait.
 " *gigantea* var. *leiophylla* Fern.
 " *gilvocanescens* Rydb.
 " *glaberrima* Martens
 " *graminifolia* (L.) Salisb.
 " *junceae* Ait.
 " *latifolia* L.
 " *media* (Greene) Bush
 " *nemorialis* Ait.
 " *rigida* L.
 " *speciosa* Nutt.
 " *ulmifolia* Muhl.
Boltonia asteroides (L.) Her.
Aster azureus Lindl.
 " *cordifolius* L.
 " *drummondii* Lindl.
 " *ericoides* L.
 " *laevis* L.
 " *lateriflorus* (L.) Britt.
 " *novae-angliae* L.
 " *paniculatus* Lam.

COMPOSITAE cont.

- Aster patens* Ait.
 " *pilosus* Willd.
 " " var. *demotus* Blake
 " *sagittifolius* Willd.
 " *salicifolius* Willd.
 " *shortii* Lindl.
Erigeron annuus (L.) Pers.
 " *canadensis* L.
 " *divaricatus* Michx.
 " *philadelphicus* L.
 " *pulchellus* Michx.
Antennaria falax Greene
 " *plantaginifolia* (L.) Richards
Anaphalis margaritacea (L.) Gray
Gnaphalium obtusifolium L.
 " *purpureum* L.
Polymnia canadensis L.
Silphium integrifolium Michx.
 " *laciniatum* L.
 " *perfoliatum* L.
 " *terebinthinaceum* Jacq.
Parthenium integrifolium L.
Iva ciliata Willd.
 " *xanthifolia* Nutt.
Ambrosia bidentata Michx.
 " *elator* L.
 " *trifida* L.
 " *coronopifolia* T.&G.
Xanthium pennsylvanicum Wallr.
Heliopsis helianthoides (L.) Sweet
 " *scabra* Dunal.
Eclipta alba (L.) Hassk.
Rudbeckia hirta L.
 " *laciniata* L.
 " " var. *humilis* Gray
 " *subtomentosa* Pursh
 " *triloba* L.
Brauneria purpurea (L.) Britt.
 " *pallida* (Nutt.) Britt.
Ratibida pinnata (Vent.) Barnh.
Helianthus angustifolius L.
 " *annuus* L.
 " *divaricatus* L.
 " *giganteus* L.
 " *grosseserratus* Martens
 " *hirsutus* Raf.
 " *microcephalus* T.&G.
 " *occidentalis* Riddell
 " *petiolaris* Nutt.
 " *rigidus* (Cass.) Desf.
 " *scaberrimus* Ell.
 " *strumosus* L.
Actinomeris alternifolia (L.) DC.
- Verbesina helianthoides* Michx.
Coreopsis lanceolata L.
 " *palmata* Nutt.
 " *tripteris* L.
Bidens aristosa (Michx.) Britt.
 " *bipinnata* L.
 " *cernua* L.
 " *comosa* (Gray) Weig.
 " *discoidea* (T.&G.) Britt.
 " *frondosa* L.
 " *involucrata* (Nutt.) Britt.
 " *laevis* (L.) B.S.P.
 " *trichosperma* (Michx.) Britt.
Galinsoga ciliata (Raf.) Blake
Helenium autumnale L.
 " *nudiflorum* Nutt.
Dyssodia papposa (Vent.) Hitchc.
Anthemis cotula L.
Achillea millefolium L.
Matricaria matricarioides (Les.) Porter
Chrysanthemum leucanthemum L.
Tanacetum vulgare L.
Cacalia atriplicifolia L.
 " *tuberosa* Nutt.
Senecio aureus L.
 " *glabellus* Poir.
Erechtites hieraeifolia (L.) Raf.
Arctium minus (Hill) Berhn.
Cirsium arvense (L.) Scop.
 " *discolor* (Muhl.) Spring.
 " *muticum* Michx.
 " *vulgare* (Savi.) Airy-Shaw
Cichorium intybus L.
Krigia biflora (Walt.) Blake
 " *virginica* (L.) Willd.
Tragopogon pratensis L.
Taraxacum officinale Weber
Sonchus arvensis L.
 " *asper* (L.) Hill
Lactuca canadensis L.
 " " var. *integrifolia*
 (Bigel) Gray
 " *floridana* (L.) Gaertn.
 " *scariola* L.
 " *spicata* (Lam.) Hitchc.
 " *villosa* Jacq.
Pyrrhopappus carolinanus (Walt.) DC.
Prenanthes alba L.
 " *crepidinea* Michx.
Hieracium gronovii L.
 " *longipilum* Torr.
 " *scabrum* Michx.
 " *venosus* L.