

The Field Checklist of Saskatchewan Flora by Area series was developed by John Hudson and distributed by the Saskatchewan Natural History Society (Nature Saskatchewan). Both Nature Saskatchewan and John Hudson's family have provided their permission for these checklists to be made available online.

The following is an article written in 2010 in tribute to John Hudson by Vernon L. Harms, originally printed in the Native Plant Society of Saskatchewan's Native Plant News (Vol. 15, No. 2) and included here with permission from the Native Plant Society of Saskatchewan. The Field Checklist begins on the next page.

### **Remembering a Great Botanist**

By Vernon L. Harms

Former U. of S. Professor of Botany

With the passing of John Howard Hudson, we have lost a dedicated, highly knowledgeable, and prolific floristic botanist. While formally educated, John's extensive botanical knowledge and plant identification expertise were almost entirely self-learned and his many botanical contributions came via his hobby rather than through paid professional work.

John was born on July 27, 1923, to Allan and Dorothy Hudson, and raised on the family farm between Mortlach and Parkbeg, Sask. After graduating from the University of Saskatchewan with a master's degree in Chemistry, John worked for many years at the Saskatchewan Research Council in Saskatoon as a ceramics engineer.

John had an especially great love and enthusiasm for botany and Saskatchewan plants. This became an overwhelming life-time endeavour. During summers, he made numerous botanizing trips throughout the province. He collected in excess of 5,000 specimens of native and naturalized plants.

John was a selective collector, searching especially for the new, rare and unusual plants ("novelties" he called them). Besides keen vision, John appeared to have an encyclopedic mind and a photographic memory that seemingly allowing him to 'scroll' through identification keys in his mind while examining plants in the field. John's neat, well collected specimens, were accompanied by hand-scripted labels giving meticulous collecting data. John's plant collections are especially valuable in containing so many meaningful contributions to the known flora of Saskatchewan.

Over the course of more than a half-century John almost annually published botanical articles or notes, reporting and describing the new, rare or unusual, native and naturalized plants that he had found during preceding field seasons. Literally dozens of newly discovered plant species in the natural flora of Saskatchewan were collected and reported by John and the known ranges of many other species were significantly amplified. A singularly important contribution to our knowledge of Saskatchewan's flora was his *Carex* in Saskatchewan, published in 1977. John Hudson certainly left his mark with his many contributions to our knowledge of the Saskatchewan flora.

But the foregoing hardly begins to adequately describe the impact John made on many botanically interested persons in Saskatchewan. Over the years he identified or verified plant collections for numerous individuals. He accompanied many on field trips, sharing his considerable knowledge. He was our resident Saskatchewan expert on sedges (*Carex* spp.) and was frequently con-tacted in this capacity.

John Hudson was a highly intelligent and knowledgeable person. Personally, I appreciated him as a colleague and friend, and have fond memories of hours spent working together, both in the her-barium and in the field. During the non-field season, John would spend almost every noon hour, and often evenings and weekends, working with the plant collections in the University of Saskatchewan's W.P. Fraser Herbarium. We had numerous deliberations about various plants. Questions were often passed to him for comment. John was not an overly verbal man but he would deliver his words and comments deliberately and precisely. One can remember well his delightful, though subtle, sense of humour.

Recently John donated his fine plant collections to the W. P. Fraser Herbarium. These excellent collections themselves represent a valuable continuing legacy for him.

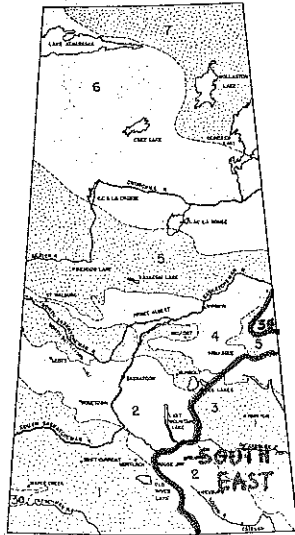
John was a special person who contributed much to Saskatchewan floristic botany. As a person, he meant much to many of us, and he will be greatly missed.

# FIELD CHECKLIST OF SASKATCHEWAN FLORA SOUTHEAST LIST

DATE \_\_\_\_\_

PLACE \_\_\_\_\_

MAP OF SASKATCHEWAN SHOWING SOIL ZONES



## EQUISETAC.

- Equisetum arvense*
- Equisetum fluviatile*
- Equisetum hyemale*
- Equisetum laevigatum*
- Equisetum palustre*
- Equisetum pratense*
- Equisetum scirpoides*
- Equisetum variegatum*

## LYCOPODIAC.

- Lycopodium annotinum*
- Lycopodium complanatum*
- Lycopodium obscurum*

## SELAGINELLAC.

- Selaginella densa*
- Selaginella selaginoides*

## OPHIOGLOSSAC.

- Botrychium lunaria*
- Botrychium matricariaefolium*
- Botrychium multifidum*
- Botrychium virginianum*

## POLYPODIAC.

- Cystopteris fragilis*
- Dryopteris austriaca*
- Onoclea struthiopteris*
- Pellaea glabella*
- Woodsia oregana*

## MARSILEAC.

- Marsilea mucronata*

## PINAC.

- Juniperus communis*
- Juniperus horizontalis*
- Larix laricina*
- Picea glauca*
- Picea mariana*

## TYPHAC.

- Typha latifolia*

## SPARGANIAC.

- Sparganium chlorocarpum*
- Sparganium eurycarpum*
- Sparganium multipedunculatum*

## ZOSTERAC.

- Potamogeton filiformis*
- Potamogeton foliosus*
- Potamogeton gramineus*
- Potamogeton natans*
- Potamogeton pectinatus*
- Potamogeton richardsonii*
- Potamogeton vaginatus*
- Ruppia maritima*
- Zannichellia palustris*

## JUNCAGINAC.

- Triglochin maritima*
- Triglochin palustris*

## ALISMAC.

- Alisma gramineum*
- Alisma plantago-aquatica*

- Sagittaria cuneata*
- Sagittaria latifolia*

## HYDROCHARITAC.

- Elodea canadensis*
- Elodea longiraginata*

## GRAMINAE

- Agropyron albicans*
- Agropyron cristatum* s. l.
- Agropyron dasystachyum*
- Agropyron repens*
- Agropyron smithii*
- Agropyron subsecundum*
- Agropyron trachycaulum*
- Agrostis alba/stolonifera*
- Agrostis scabra*
- Alopecurus aequalis*
- Alopecurus geniculatus*
- Andropogon gerardi*
- Andropogon scoparius*
- Avena fatua*
- Beckmannia syzigachne*
- Bouteloua curtipendula*
- Bouteloua gracilis*
- Bromus anomalus*
- Bromus ciliatus*
- Bromus inermis*
- B. latiglumis/purgans*
- Bromus tectorum*
- Buchloe dactyloides*
- Calamagrostis canadensis*
- C. inexpansa/neglecta*
- Calamagrostis montanensis*
- Calamovilfa longifolia*
- Catabrosa aquatica*
- Cinna latifolia*
- Danthonia intermedia*
- Danthonia spicata*
- Deschampsia caespitosa*
- Distichlis stricta*
- Echinochloa crus-galli*

- Elymus canadensis*
- E. diversiglumis/interruptus*
- Elymus innovatus*
- Elymus junceus*
- X *Elymus macounii*
- Elymus virginicus*
- Eragrostis cilianensis*
- Eragrostis hypnoides*
- Festuca elatior*
- F. ovina/saximontana*
- Festuca scabrella*
- Glyceria borealis*
- Glyceria grandis*
- Glyceria striata*
- Helictotrichon hookeri*
- Hierochloë odorata*
- Hordeum jubatum*
- H. jubatum caespitosum*
- Koeleria cristata*
- Lolium persicum*
- Muhlenbergia asperifolia*
- Muhlenbergia cuspidata*
- Muhlenbergia glomerata*
- Muhlenbergia racemosa*
- Muhlenbergia richardsonii*
- Oryzopsis asperifolia*
- Oryzopsis canadensis*
- Oryzopsis hymenoides*
- Oryzopsis pungens*
- Panicum capillare* s. l.
- Panicum virgatum*
- Panicum wilcoxianum*
- Phalaris arundinacea*
- Phleum pratense*
- Phragmites communis*
- Poa annua*
- Poa arida*
- Poa canbyi* agg.
- Poa compressa*
- Poa cusickii*
- Poa palustris* agg.
- Poa pratensis* agg.
- Poa secunda*
- Puccinellia nuttalliana*
- Schedonardus paniculatus*
- Schizachne purpurascens*
- Scholochloa festucacea*
- Setaria viridis*
- Spartina gracilis*
- Spartina pectinata*
- Sphenopholis intermedia*
- Sphenopholis obtusata*
- Sporobolus cryptandrus*
- Sporobolus heterolepis*
- Sporobolus neglectus*
- Stipa comata*
- S. spartea spartea*
- S. spartea curtisetata*
- Stipa viridula*

## CYPERAC.

- Carex aenea*
- Carex alopecoidea*
- Carex aquatilis*
- Carex assini-boienensis*
- Carex atherodes*
- Carex athrostachya*
- Carex aurea*
- Carex backii*
- C. backii saximontana*
- Carex hebbii*
- Carex brevior*
- Carex canescens*
- Carex capillaris*
- Carex concinna*
- Carex crawei*
- Carex deweyana*
- Carex diandra*
- Carex disperma*
- Carex douglasii*
- Carex eburnea*
- Carex eleocharis*
- Carex filifolia*
- Carex garberi*
- Carex granularis*
- Carex gravida*
- Carex gynocrates*
- Carex hookerana*
- Carex hystericina*
- Carex interior*
- Carex laeviconica*
- Carex lanuginosa*
- Carex lasiocarpa*
- Carex leptalea*
- Carex limosa*
- Carex macdoniana microptera*
- Carex magellanica/paupercula*
- Carex norvegica*
- Carex obtusata*
- Carex parryana*
- Carex peckii*
- Carex pedunculata*
- C. pennsylvanica digyna*
- Carex praegracilis*
- Carex prairea*
- Carex praticola*
- Carex retrorsa*
- Carex rossii*
- Carex rostrata*
- Carex sartwellii*
- C. scirpoidea scirpoidea*
- C. scirpoidea scirpiformis*
- Carex siccata/foenea*
- Carex simulata*
- Carex sprengelii*
- Carex stipitata*
- Carex sychnocephala*
- Carex tenera*
- Carex tetanica*
- Carex torreyi*
- Carex vaginata*
- Carex viridula/cederi*
- Carex vulpinoidea*
- Carex xerantica*
- Cyperus inflexus*
- Cyperus schweinitzii*
- Eleocharis acicularis*

*Eleocharis compressa*  
*Eleocharis elliptica*  
*Eleocharis engelmannii*  
*Eleocharis palustris* s.l.  
*Eleocharis parvula anachæta*  
*E. pauciflora/quinqueflora*  
*Eriophorum angustifolium*  
*Eriophorum brachyantherum*  
*Eriophorum chamissonis*  
*Eriophorum gracile*  
*Eriophorum viridicarinatum*  
*Scirpus acutus*  
*Scirpus americanus*  
*Scirpus atrovirens*  
*Scirpus fluviatilis*  
*Scirpus microcarpus*  
*Scirpus nevadensis*  
*Scirpus paludosus*  
*Scirpus validus*

#### LEMNAC.

*Lemna minor*  
*Lemna trisulca*

#### JUNCAC.

*Juncus alpinus*  
*Juncus balticus*  
*Juncus bufonius*  
*Juncus dudleyi*  
*Juncus longistylis*  
*Juncus nodosus*  
*Juncus torreyi*  
*Luzula multiflora*

#### LILIAC.

*Allium stellatum*  
*Allium textile*  
*Asparagus officinalis*  
*Disporum trachycarpum*  
*Lilium philadelphicum*  
*Maianthemum canadense*  
*Polygonatum canaliculatum*  
*Smilacina stellata*  
*Smilacina trifolia*  
*Smilax herbacea*  
*Streptopus amplexifolius*  
*Tofieldia glutinosa*  
*Trillium cernuum*  
*Zygadenus elegans*

#### AMARYLLIDAC.

*Hypoxis hirsuta*

#### IRIDAC.

*Sisyrinchium bermudiana* s.l.

#### ORCHIDAC.

*Corallorhiza maculata*  
*Corallorhiza striata*  
*Corallorhiza trifida*  
*Cypripedium calceolus parv.*  
*C. calceolus pubescens (large)*  
*Cypripedium reginae*  
*Habenaria dilatata*  
*Habenaria hyperborea*  
*Habenaria obtusata*  
*Habenaria viridis*  
*Liparis loeselii*  
*Listera cordata*

*Orchis rotundifolia*  
*Spiranthes romanoffiana*  
SALICAC.

*Populus balsamifera*  
*Populus deltoides*  
*Populus tremuloides*  
*Salix amygdaloides*  
*Salix bebbiana*  
*Salix brachycarpa*  
*Salix candida*  
*Salix discolor*  
*S. interior/fluviatilis*  
*S. lucida/lasiandra*  
*Salix lutea*  
*Salix maccalliana*  
*Salix monticola*  
*Salix myrtillofolia*  
*Salix pedicellaris*  
*Salix pellita*  
*Salix petiolaris*  
*Salix planifolia*  
*Salix serissima*

#### MYRICAC.

*Myrica gale*

#### BETULAC.

*Alnus crispa/viridis*  
*Alnus incana/rugosa*  
*Betula occidentalis*  
*Betula papyrifera* s.l.  
*Betula pumila* s.l.  
*Corylus cornuta*

#### FAGAC.

*Quercus macrocarpa*

#### ULLMAC.

*Ulmus americana*

#### CANNABINAC.

*Humulus lupulus*

#### URTICAC.

*Laportea canadensis*  
*Parietaria pennsylvanica*  
*Urtica dioica*

#### SANTALAC.

*Comandra umbellata/pallida*  
*Geocaulon lividum*

#### LORANTHAC.

*Arceuthobium pusillum*

#### POLYGONAC.

*Eriogonum flavum*  
*Polygonum achoreum*  
*Polygonum amphibium aquat.*  
*Polygonum amphibium tenet.*  
*Polygonum aviculare introd.*  
*Polygonum aviculare native*  
*Polygonum cooccineum*  
*Polygonum convolvulus*  
*Polygonum douglasii*  
*Polygonum lapathifolium*  
*Polygonum ramosissimum*  
*Polygonum scandens*  
*Rumex crispus*  
*Rumex fennicus/pseudonatronatus*  
*Rumex maritimus*

*Rumex occidentalis*  
*R. salicifolius/mexicanus*  
*Rumex stenophyllus*  
*Rumex venosus*

#### CHENOPODIAC.

*Atriplex argentea*  
*Atriplex dioica*  
*Atriplex hortensis* s.l.  
*Atriplex nuttallii*  
*Atriplex patula* s.l.  
*Atriplex rosea*  
*Axyris amaranthoides*  
*Chenopodium album* s.l.  
*Chenopodium capitatum*  
*Chenopodium fremontii*  
*Chenopodium glaucum/salinum*  
*Chenopodium hybridum*  
*Ch. leptophyllum/pratericola*  
*Chenopodium rubrum*  
*Chenopodium subglabrum*  
*Corispermum hyssopifolium*  
*C. hyss. emarginatum*  
*Eurotia lanata*  
*Kochia scoparia*  
*Monolepis nuttalliana*  
*Salicornia europaea/rubra*  
*Salsola collina*  
*S. kali/pestifer*  
*Sarcobatus vermiculatus*  
*Suaeda depressa*  
*Suckleya suckleyana*

#### AMARANTHAC.

*Amaranthus albus*  
*A. graecizans/blitoides*  
*A. retroflexus*

#### NYCTAGINAC.

*Mirabilis hirsuta*  
*Mirabilis linearis*  
*Mirabilis nyctagineus*

#### PORTULACAC.

*Portulaca oleracea*

#### CARYOPHYLLAC.

*Arenaria lateriflora*  
*Arenaria serpyllifolia*  
*A. stricta/dawsonensis*  
*Cerastium arvense*  
*Cerastium nutans*  
*Cerastium vulgatum*  
*Gypsophila paniculata*  
*Lychnis pudica/drummondii*  
*Paronychia sessiliflora*  
*Silene antirrhina*  
*Silene conoidea*  
*Silene eserei*  
*Silene cucubalus*  
*Silene menziesii*  
*Silene noctiflora*  
*Spergularia marina*  
*Stellaria calycantha*  
*Stellaria crassifolia*  
*Stellaria longifolia*  
*Stellaria longipes*

*Stellaria media*

*Vaccaria vulgaris*

#### CERATOPHYLLAC.

*Ceratophyllum demersum*

#### NYMPHAEAC.

*Nuphar variegatum*

#### RANUNCULAC.

*Actaea rubra*  
*Anemone canadensis*  
*Anemone cylindrica*  
*Anemone multifida*  
*Anemone patens*  
*A. quinquefolia/nemorosa*  
*Anemone virginiana* s.l.  
*Aquilegia canadensis*  
*Caltha palustris*  
*Clematis ligusticifolia*  
*Myosurus minimus*  
*Ranunculus abortivus*  
*Ranunculus aquatilis* s.l.  
*Ranunculus cymbalaria*  
*Ranunculus glaberrimus*  
*Ranunculus gmelinii*  
*Ranunculus lapponicus*  
*Ranunculus macconnii*  
*Ranunculus pennsylvanicus*  
*R. reptans/flammula*  
*Ranunculus rhomboideus*  
*Ranunculus scleratus*  
*Thalictrum dasycarpum*  
*Thalictrum venulosum*

#### FUMARIAC.

*Corydalis aurea*

#### CRUCIFERAE

*Arabis divaricarpa*  
*Arabis drummondii*  
*Arabis glabra*  
*Arabis hirsuta*  
*Arabis lyrata*  
*Arabis retrofracta*  
*Berteroa incana*  
*Brassica juncea*  
*Brassica kaber*  
*Brassica rapa*  
*Camelina microcarpa*  
*Capsella bursa-pastoris*  
*Cardamine pennsylvanica*  
*Cardamine pratensis*  
*Cardaria draba*  
*Cardaria pubescens*  
*Conringia orientalis*  
*Descurainia pinnata*  
*Descurainia richardsonii*  
*Descurainia sophia*  
*Draba nemorosa*  
*Draba reptans*  
*Erucastrum gallicum*  
*Erysimum asperum*  
*Erysimum cheiranthoides*  
*Erysimum inconspicuum*  
*Lepidium densiflorum*  
*Lepidium perfoliatum*  
*Lepidium ramosissimum*

Lepidium ruderaie  
Lesquerella arenosa  
Neslia paniculata  
Rorippa islandica  
Rorippa obtusa  
Rorippa sinuata  
Sisymbrium altissimum  
Sisymbrium loeselii  
Thellungiella salsuginea  
Thlaspi arvense

CAPPARIDAC.

Cleome serrulata  
Polanisia dodecandra s.l.

DROSERAC.

Drosera anglica  
Drosera rotundifolia

SARRACENIAC.

Sarracenia purpurea

SAXIFRAGAC.

Chrysosplenium tetrandrum  
Heuchera richardsonii  
Mitella nuda  
Parnassia glauca  
Parnassia palustris  
Ribes americanum  
Ribes glandulosum  
Ribes hudsonianum  
Ribes oxycanthoides s.l.

ROSAC.

Agrimonia striata  
Amelanchier alnifolia  
Chamaerhodos erecta  
Crataegus rotundifolia s.l.  
Fragaria vesca  
Fragaria virginiana  
Geum perincisum  
Geum rivale  
Geum stridum/aleppicum  
Geum triflorum  
Potentilla anserina  
Potentilla argentea  
Potentilla arguta  
Potentilla bipinnatifida  
Potentilla concinna  
Potentilla finitima  
Potentilla flabelliformis  
Potentilla fruticosa  
Potentilla gracilis  
P. hippiana/effusa  
Potentilla norvegica  
Potentilla palustris  
P. paradoxa/nicolettii  
Potentilla pensylvanica  
Potentilla plattensis  
Privalis/millegrana  
Potentilla tridentata  
Prunus americana  
Prunus pensylvanica  
Prunus pumila  
Prunus virginiana  
Rosa acicularis  
Rosa arkansana  
Rosa woodsii

Rubus acaulis/arcticus  
Rubus chamaemorus  
R. idaeus/strigosus  
Rubus pubescens  
Spiraea alba

LEGUMINOSAE

Astragalus aboriginum  
Astragalus alpinus  
Astragalus americanus  
Astragalus bisulcatus  
Astragalus canadensis  
Astragalus crassicaarpus  
Astragalus flexuosus  
A. goniatius/aorestis  
Astragalus lotiflorus  
Astragalus missouriensis  
Astragalus pectinatus  
Astragalus racemosus  
Astragalus striatus  
Astragalus tenellus  
Astragalus triphyllus  
Caragana arborescens  
Glycyrrhiza lepidota  
Hedysarum americanum  
Hedysarum eimerascens  
Lathyrus ochroleucus  
Lathyrus palustris  
Lathyrus venosus  
Lotus americanus  
Medicago falcata  
Medicago lupulina  
Medicago sativa  
Melilotus alba  
Melilotus officinalis  
Oxytropis campestris gracilis  
Oxytropis deflexa  
Oxytropis lambertii  
Oxytropis sericea spicata  
Oxytropis splendens  
Petalostemon candidum  
Petalostemon purpureum  
Petalostemon villosus  
Psoralea argophylla  
Psoralea esculenta  
Thermopsis rhombifolia  
Trifolium hybridum  
Trifolium pratense  
Trifolium repens  
Vicia americana  
Vicia sparsifolia

GERANIAC.

Erodium cicutarium  
Geranium bicknellii  
Geranium carolinianum

OXALIDAC.

Oxalis corniculata s.l.

LINAC.

Linum lewisii  
Linum rigidum

BALSAMINAC.

Impatiens capensis incl. cleatog.

POLYGALAC.

Polygala alba

Polygala paucifolia  
Polygala senega  
Polygala verticillata

EUPHORBAC.

Euphorbia esula  
Euphorbia glyptosperma  
Euphorbia serpyllifolia

CALLITRICHAC.

Callitriche hermaphroditica  
Callitriche palustris

ANACARDIAC.

Rhus radicans  
Rhus trilobata

CELASTRAC.

Celastrus scandens

ACERAC.

Acer negundo  
Acer spicatum

RHAMNAC.

Rhamnus alnifolia  
Rhamnus cathartica

MALVAC.

Malva rotundifolia  
Sphaeralcea coccinea

ELATINAC.

Elatine triandra

VIOLAC.

Viola adunca  
Viola nephrophylla  
Viola nuttallii nuttallii  
Viola nuttallii vallicola  
Viola palustris  
Viola pedatifida  
Viola pubescens  
Viola renifolia  
Viola rugulosa  
Viola sororia

LOASAC.

Mentzelia decapetala

CACTAC.

Mamillaria vivipara  
Opuntia fragilis  
Opuntia polyacantha

ELAEAGNAC.

Elaeagnus commutata  
Shepherdia argentea  
Shepherdia canadensis

ONAGRAC.

Circaea alpina  
Epilobium angustifolium  
Epilobium glandulosum  
Epilobium leptophyllum  
Epilobium palustre  
Epilobium paniculatum

Gaura coccinea  
Oenothera biennis  
Oenothera caespitosa  
Oenothera flava  
Oenothera nuttallii  
Oenothera serrulata

HIPPURIDAC.

Hippuris vulgaris

HALDRAGIDAC.

Myriophyllum pinnatum  
Myriophyllum spicatum s.l.

ARALIAC.

Analia nudicaulis

UMBELLIFERAE

Carum carvi  
Cicuta bulbifera  
Cicuta maculata  
Cymopterus scoullis  
Heracleum lanatum  
Lomatium foeniculaceum/villosum  
Lomatium macrocarpum  
Lomatium orientale  
Muscineon divaricatum  
Osmorhiza longistylis  
O. obtusa/depauperata  
Pastinaca sativa  
Sanicula marilandica  
Sium suave  
Zizia aptera

CORNAC.

Cornus canadensis  
Cornus stolonifera

PYROLAC.

Monotropa uniflora  
Pyrola asarifolia  
Pyrola elliptica  
Pyrola secunda  
Pyrola/Moneses uniflora  
Pyrola virens

ERICAC.

Arctostaphylos uva-ursi  
Andromeda polifolia  
Gaultheria hispidula  
Ledum groenlandicum  
Oxycoccus microcarpus  
Oxycoccus quadripetalus  
Vaccinium caespitosum  
Vaccinium myrtilloides  
Vaccinium vitis-idaea

PRIMULAC.

Androsace occidentalis  
Androsace septentrionalis  
Centunculus minimus  
Dodecatheon pulchellum  
Glaux maritima  
Lysimachia ciliata  
Lysimachia hybrida  
Lysimachia thyrsoiflora  
Primula incana  
Trientalis borealis

OLEAC.

Fraxinus pensylvanica

GENTIANAC.

Gentiana affinis  
Gentiana amarella  
Gentiana andrewsii  
Gentiana fremontii/aquatica  
Gentiana tosa  
Halenia deflexa  
Lomatogonium rotatum  
Menyanthes trifoliata

- APOCYNAC.**  
*Apocynum androsaemifolium*  
*A. cannabinum/sibiricum*
- ASCLEPIADAC.**  
*Asclepias ovalifolia*  
*Asclepias syriaca*  
*Asclepias verticillata*  
*Asclepias viridiflora*
- CONVOLVULAC.**  
*Convolvulus arvensis*  
*Convolvulus sepium*  
*Cuscuta gronovii s.l.*
- POLEMONIAC.**  
*Collomia linearis*  
*Phlox hoodii*
- HYDROPHYLLAC.**  
*Ellisia nyctelea*
- PHACELIAC.**  
*Phacelia franklinii*
- BORAGINAC.**  
*Cryptantha macounii [Dreocarya g.]*  
*Hackelia americana*  
*Hackelia floribunda*  
*Heliotropium curassavicum*  
*Lappula echinata*  
*Lappula redowskii*  
*Lithospermum canescens*  
*Lithospermum incisum*  
*Mertensia lanceolata*  
*Mertensia paniculata*  
*Onosmodium molle*  
*Plagiobothrys scopulorum*
- VERBENAC.**  
*Verbena bracteata*  
*Verbena hastata*  
*Verbena urticifolia*
- LABIATAE**  
*Agastache foeniculum*  
*Galeopsis tetrahit*  
*Glechoma hederacea*  
*Hedeoma hispida*  
*Leonurus cardiaca*  
*Lycopus americanus*  
*Lycopus asper*  
*Mentha arvensis*  
*Moldavica parviflora*  
*Moldavica thymiflora*  
*Monarda fistulosa*  
*Nepeta cataria*  
*Physostegia virginiana s.l.*  
*Prunella vulgaris*  
*Scutellaria galericulata*  
*Scutellaria lateriflora*  
*Stachys palustris*  
*Teucrium canadense*
- SOLANAC.**  
*Physalis grandiflora*  
*Solanum nigrum*  
*Solanum triflorum*
- SCROPHULARIAC.**  
*Castilleja coccinea*  
*Castilleja mineata*  
*Castilleja sessiliflora*  
*Chaenorhinum minus*
- Collinsia parviflora*  
*Gratiola neglecta*  
*Limosella aquatica*  
*Linaria vulgaris*  
*Melampyrum lineare*  
*Mimulus glabratus*  
*Mimulus ringens*  
*Orthocarpus luteus*  
*Pentstemon albidus*  
*Pentstemon gracilis*  
*Pentstemon nitidus*  
*Pentstemon procerus*  
*Veronica americana*  
*Veronica anagallis-aquatica*  
*V. catenata/comosa/salina*  
*Veronica peregrina*  
*Veronica scutellata*
- LENTIBULARIAC.**  
*Pinguicula vulgaris*  
*Utricularia intermedia*  
*Utricularia vulgaris*
- OROBANCHAC.**  
*Orobanche fasciculata*  
*Orobanche ludoviciana*
- PLANTAGINAC.**  
*Plantago elongata*  
*Plantago eriopoda*  
*Plantago major*  
*Plantago purshii/patagonica*
- RUBIAC.**  
*Galium aparine*  
*Galium boreale*  
*G. trifidum/labradoricum*  
*Galium triflorum*  
*Houstonia longifolia*
- CAPRIFOLIAC.**  
*Linnaea borealis*  
*Lonicera caerulea/villosa*  
*Lonicera dioica*  
*Lonicera involucrata*  
*Lonicera oblongifolia*  
*Lonicera tatarica*  
*Sambucus racemosa*  
*Symphoricarpos albus*  
*Symphoricarpos occidentalis*  
*Viburnum edule*  
*Viburnum lentago*  
*Viburnum opulus*
- CUCURBITAC.**  
*Echinocystis lobata*
- CAMPANULAC.**  
*Campanula aparinoides*  
*Campanula rotundifolia*
- LOBELIAC.**  
*Lobelia kalmii*  
*Lobelia spicata*
- VALERIANAC.**  
*Valeriana dioica*
- COMPOSITAE**  
*Achillea lanulosa*  
*Achillea millefolium*  
*Achillea sibirica*
- Agoseris/Microseris cuspidata*  
*Agoseris glauca*  
*Ambrosia artemisiifolia*  
*Ambrosia psilostachya*  
*Ambrosia trifida*  
*Antennaria aprica*  
*A. microphylla/nitida*  
*A. neglecta/campestris*  
*Antennaria neodioica*  
*Antennaria pulcherrima*  
*Arctium minus*  
*Arnica chamissonis*  
*Arnica fulgens*  
*Artemisia absinthium*  
*Artemisia biennis*  
*A. campestris douglasiana/camporum*  
*A. camp. scouleriana*  
*Artemisia cana*  
*Artemisia dracunculus*  
*Artemisia frigida*  
*Artemisia longifolia*  
*A. ludoviciana ludov.*  
*A. ludov. graph/pabularis*  
*Aster brachyactis*  
*Aster canescens*  
*A. chilensis/adscendens*  
*Aster ciliolatus*  
*A. falcatus/commutatus*  
*Aster hesperius*  
*Aster junciformis*  
*Aster laevis*  
*A. pensus/ericoides*  
*Aster pauciflorus*  
*Aster ptarmicoides*  
*Aster puniceus*  
*Aster umbellatus*  
*Bidens cernua*  
*Bidens vulgata*  
*Boltonia asteroides*  
*Carduus nutans*  
*Chrysanthemum leucanthemum*  
*Chrysopsis villosa*  
*Chrysothamnus nauseosus glabratus*  
*Cirsium arvense*  
*Cirsium drummondii*  
*Cirsium flodmanii*  
*Cirsium muticum*  
*Cirsium undulatum*  
*Coreopsis tinctoria*  
*Crepis runcinata*  
*Crepis tectorum*  
*Echinacea angustifolia*  
*Erigeron asper*  
*Erigeron caespitosus*  
*Erigeron canadensis*  
*Erigeron compositus*  
*Erigeron glabellus*  
*Erigeron lonchophyllus*  
*Erigeron philadelphicus*  
*Erigeron pumilus*  
*Erigeron strigosus*  
*Eupatorium purpureum*
- Gaillardia aristata*  
*Gnaphalium palustre*  
*Gnaphalium uliginosum*  
*Grindelia squarrosa*  
*Gutierrezia sarothrae*  
*Haplopappus armerioides*  
*Haplopappus lanceolatus*  
*Haplopappus nuttallii*  
*Haplopappus spinulosus*  
*Helianthemum autumnale*  
*Helianthus annuus*  
*Helianthus maximiliani*  
*Helianthus nuttallii*  
*Helianthus petiolaris*  
*H. subrhomboides/laetiflorus*  
*Helianthus tuberosus*  
*Heliopsis helianthoides*  
*Hieracium umbellatum*  
*Hymenoxys richardsonii*  
*Iva axillaris*  
*Iva xanthifolia*  
*Lactuca biennis*  
*Lactuca pulchella*  
*Lactuca scariola*  
*Liatris ligulistylis*  
*Liatris punctata*  
*Lygodesmia juncea*  
*Madia glomerata*  
*Matricaria inodora/maritima*  
*Matricaria matricarioides*  
*Petasites palmatus*  
*Petasites sagittatus*  
*Petasites vittifolius*  
*Prenanthes alba*  
*Prenanthes racemosa*  
*Ratibida columnifera*  
*Rudbeckia hirta*  
*Senecio canus*  
*Senecio congestus*  
*Senecio eremophilus*  
*Senecio integerrimus*  
*Senecio pauperculus*  
*Senecio vulgaris*  
*Solidago canadensis can.*  
*S. canadensis gilvocanescens*  
*Solidago gigantea*  
*Solidago graminifolia*  
*Solidago hispida*  
*Solidago missouriensis*  
*Solidago mollis*  
*Solidago nemoralis*  
*Solidago rigida*  
*Solidago spatulata*  
*Sonchus arvensis*  
*Sonchus asper*  
*Sonchus oleraceus*  
*Tanacetum vulgare*  
*Taraxacum laevigatum*  
*Taraxacum officinale*  
*Townsendia exscapa/sericea*  
*Tragopogon dubius*  
*Xanthium strumarium.*