IMAGE EVALUATION TEST TARGET (MT-3)

Photographic
Sciences
Corporation

23 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503

**CIHM/ICMH
Microfiche
Series.**

**CIHM/ICMH
Collection de
microfiches.**

Canadian Institute for Historical Microreproductions / Institut canadien de microreproductions historiques

© 1983

Technical and Bibliographic Notes/Notes techniques et bibliographiques

The Institute has attempted to obtain the best original copy available for filming. Features of this copy which may be bibliographically unique, which may alter any of the images in the reproduction, or which may significantly change the usual method of filming, are checked below.

- ☒ Coloured covers/
Couverture de couleur
- ☐ Covers damaged/
Couverture endommagée
- ☐ Covers restored and/or laminated/
Couverture restaurée et/ou pelliculée
- ☐ Cover title missing/
Le titre de couverture manque
- ☐ Coloured maps/
Cartes géographiques en couleur
- ☐ Coloured ink (i.e. other than blue or black)/
Encre de couleur (i.e. autre que bleue ou noire)
- ☐ Coloured plates and/or illustrations/
Planches et/ou illustrations en couleur
- ☐ Bound with other material/
Relié avec d'autres documents
- ☐ Tight binding may cause shadows or distortion
along interior margin/
La reliure serrée peut causer de l'ombre ou de la
distortion le long de la marge intérieure
- ☐ Blank leaves added during restoration may
appear within the text. Whenever possible, these
have been omitted from filming/
Il se peut que certaines pages blanches ajoutées
lors d'une restauration apparaissent dans le texte,
mais, lorsque cela était possible, ces pages n'ont
pas été filmées.
- ☐ Additional comments:/
Commentaires supplémentaires:

L'Institut a microfilmé le meilleur exemplaire qu'il lui a été possible de se procurer. Les détails de cet exemplaire qui sont peut-être uniques du point de vue bibliographique, qui peuvent modifier une image reproduite, ou qui peuvent exiger une modification dans la méthode normale de filmage sont indiqués ci-dessous.

- ☐ Coloured pages/
Pages de couleur
- ☐ Pages damaged/
Pages endommagées
- ☐ Pages restored and/or laminated/
Pages restaurées et/ou pelliculées
- ☒ Pages discoloured, stained or foxed/
Pages décolorées, tachetées ou piquées
- ☒ Pages detached/
Pages détachées
- ☒ Showthrough/
Transparence
- ☐ Quality of print varies/
Qualité inégale de l'impression
- ☐ Includes supplementary material/
Comprend du matériel supplémentaire
- ☐ Only edition available/
Seule édition disponible
- ☐ Pages wholly or partially obscured by errata
slips, tissues, etc., have been refilmed to
ensure the best possible image/
Les pages totalement ou partiellement
obscurcies par un feuillet d'errata, une pelure,
etc., ont été filmées à nouveau de façon à
obtenir la meilleure image possible.

This item is filmed at the reduction ratio checked below/
Ce document est filmé au taux de réduction indiqué ci-dessous.

10X	14X	18X	22X	26X	30X
☐	☐	☐	☒	☐	☐
12X	16X	20X	24X	28X	32X

The copy filmed here has been reproduced thanks to the generosity of:

New Brunswick Museum
Saint John

The images appearing here are the best quality possible considering the condition and legibility of the original copy and in keeping with the filming contract specifications.

Original copies in printed paper covers are filmed beginning with the front cover and ending on the last page with a printed or illustrated impression, or the back cover when appropriate. All other original copies are filmed beginning on the first page with a printed or illustrated impression, and ending on the last page with a printed or illustrated impression.

The last recorded frame on each microfiche shall contain the symbol ➡ (meaning "CONTINUED"), or the symbol ▼ (meaning "END"), whichever applies.

Maps, plates, charts, etc., may be filmed at different reduction ratios. Those too large to be entirely included in one exposure are filmed beginning in the upper left hand corner, left to right and top to bottom, as many frames as required. The following diagrams illustrate the method:

L'exemplaire filmé fut reproduit grâce à la générosité de:

New Brunswick Museum
Saint John

Les images suivantes ont été reproduites avec le plus grand soin, compte tenu de la condition et de la netteté de l'exemplaire filmé, et en conformité avec les conditions du contrat de filmage.

Les exemplaires originaux dont la couverture en papier est imprimée sont filmés en commençant par le premier plat et en terminant soit par la dernière page qui comporte une empreinte d'impression ou d'illustration, soit par le second plat, selon le cas. Tous les autres exemplaires originaux sont filmés en commençant par la première page qui comporte une empreinte d'impression ou d'illustration et en terminant par la dernière page qui comporte une telle empreinte.

Un des symboles suivants apparaîtra sur la dernière image de chaque microfiche, selon le cas: le symbole ➡ signifie "A SUIVRE", le symbole ▼ signifie "FIN".

Les cartes, planches, tableaux, etc., peuvent être filmés à des taux de réduction différents. Lorsque le document est trop grand pour être reproduit en un seul cliché, il est filmé à partir de l'angle supérieur gauche, de gauche à droite, et de haut en bas, en prenant le nombre d'images nécessaire. Les diagrammes suivants illustrent la méthode.

A LIST OF
CHARLOTTE COUNTY PLANTS,
1887.

A LIST OF
THE COUNTY PLANTS

522.13
V984

690
JULY 1911

P. W. Vroom

Plant Protection
Div.

Dept. Agric. Ontario

A LIST OF

Flowering Plants and Ferns

FOUND IN

Charlotte County, New Brunswick

By J. VROOM

*And other Members of the Botanical Committee of the Natural
History Society of New Brunswick.*

ST. STEPHEN, N. B. :

COURIER STEAM PRINTING HOUSE

1887

for
ha

of
fa
th
be
ac
th
is

d
w
w

NOTE.

This List is thought to contain the names of most of the Flowering Plants and Ferns found in Charlotte County up to the present time, with the exception of Sedges, which have not been carefully studied, and a few of the Pondweeds and Asters.

The greater part of the County, however, including almost the whole of the Parishes of Saint Croix, West Isles, Pennfield, Lepreaux, Clarendon, and Dumbarton, is still, so far as the writer is aware, unvisited by the plant collector; and, excepting Frye's Island, the site of a summer camp of the Natural History Society, the only sections that have been well examined are in the neighborhood of Saint Andrews and Saint Stephen. The accompanying notes of distribution, therefore, apply chiefly to the southwestern part of the mainland. The probability of having but few opportunities for field work in the future is the only excuse for presenting the list in such an imperfect state.

Prof. Macoun and Prof. Fowler have kindly determined difficult species. Thanks are due to several collectors for notes and specimens; especially to Mr. W. F. Ganong, by whose assistance the list has been much extended. For the defects of proof reading, the writer alone is responsible.

St. Stephen, March, 1887.

J. V.

CORRECTIONS.

Page 6, second column, line 36. For "*Madicago*," read "*Medicago*."

" " third column, line 58. For "*Amalanchier*," read "*Amelanchier*."

" 7, first column, line 9. For "*oxycanthoides*," read "*oxyacanthoides*."

" " " " " 15. For "*CRASULACEÆ*," read "*CRASSULACEÆ*."

" " " " " 33. For "*Hippurus*," read "*Hippuris*."

" 8, third column, line 11. For "*Anagalis*," read "*Anagallis*."

LIST OF CHARLOTTE COUNTY PLANTS.

Occurrence: *a*, abundant; *c*, common; *f*, frequent; *R*, rare in North America; *r*, rare in the Maritime Provinces; *s*, apparently scarce or local in Charlotte County.

Localities: *A*, St. Andrews; *C*, Campobello; *D*, St. David; *E*, Dumbarton; *F*, Dufferin; *G*, St. George; *I*, West Isles; *J*, St. James; *M*, Grand Manan; *P*, St. Patrick; *Q*, Pennfield; *S*, St. Stephen; *X*, St. Croix.

Remarks: *b*, boreal forms, rarely or never found farther south; *d*, disappeared, or rapidly disappearing at the stations named; *g*, in gardens, spreading freely by seed, but scarcely escaped from cultivation; *i*, increasing; *o*, the only station yet known in New Brunswick; *ro*, western or New England species not yet reported east of Charlotte County; *r*, railway or ballast plants not likely to be permanent, or garden weeds not suffered to remain; *y*, cultivated plants sometimes lasting for a year or two self-sown; *z*, persistent and troublesome where planted, but not known to be spreading by seed.

Parenthesis marks are used when specimens have not been seen by the writer, except in the case of Frye's Island plants (marked *) which are given on the authority of Mr. Hay and Mr. Brittain.

Where the names have been changed, numbers are given for reference to Prof. Fowler's List of 1885. The marks of uncertainty apply to the determination of species.

PIANEROGAMIA.	BERBERIDACEÆ.	CRUCIFERÆ.
—	<i>Berberis</i>	<i>Nasturtium</i>
ANGIOSPERMÆ.	<i>vulgaris</i> L. <i>z</i>	officinale RBr <i>r s</i>
RANUNCULACEÆ.	NYMPHÆACEÆ.	palustre DC
<i>Clematis</i>	<i>Brasenia</i>	<i>Armoracia</i> Fries <i>z</i>
verticillaris DC <i>R s</i>	peltata Pursh <i>f</i>	<i>Cardamine</i>
— Virginiana L. <i>c</i>	<i>Nuphar</i>	pratensis L. <i>R v od</i>
<i>Thalictrum</i>	advena Ait. <i>c</i>	hirsuta L.
— polygamum Muhl. <i>c</i> [4]	<i>Nymphaea</i>	<i>Dentaria</i>
<i>Anemone</i>	odorata Ait. <i>f</i>	— diphylla Mx. <i>s</i>
dichotoma L. *	— var. minor Sims. <i>j</i>	<i>Sisymbrium</i>
memorosa L. <i>s</i>	SARRACENIACEÆ.	officinale Scop. <i>r s i</i>
— Hepatica L. <i>r se</i>	<i>Sarracenia</i>	<i>Brassica</i>
<i>Ranunculus</i>	purpurea L. <i>c</i>	<i>Sinapis</i> strum Boiss
aquatilis var. trichophyllus Gr. <i>r s</i>	PAPAVERACEÆ.	nigra Koch
Flammula var. reptans Mey	<i>Papaver</i>	<i>Hesperis</i>
Cymbalaria Pursh SA(G)	somniferum L. <i>g</i>	matronalis L. <i>g</i>
abortivus L.	— dubium L. <i>g</i>	<i>Capsella</i>
sceleratus L. <i>r s</i>	FUMARIACEÆ.	Bursa-Pastoris Mœnch. <i>a</i>
— acris L. <i>a</i>	<i>Dicentra</i>	<i>Cakile</i>
repens L.	Cucullaria DC. <i>s g</i>	Americana Nutt. <i>c</i>
hispidus Mx	<i>Adlumia</i>	VIOLEACEÆ.
<i>Coptis</i>	cirrhusa Raf. <i>g</i>	<i>Viola</i>
— trifolia Salisb. <i>a</i>	<i>Corydalis</i>	— palmata var. cucullata Gr. <i>a</i>
<i>Aquilegia</i>	glauca Pursh. <i>f</i>	sagittata Ait. <i>G o ?</i>
vulgaris L. SA	<i>Fumaria</i>	odorata L. <i>g</i>
<i>Actæa</i>	officinalis L. SA	blanda Willd. <i>c</i>
alba Bigel. <i>s</i>		— var. palustriformis Gr.?
spicata var. rubra Ait. <i>f</i>		— var. renifolia Gr. ? [66]

primulifolia L. A o
 lanceolata L. s (s) AG
 pubescens Ait. s SA d
 canina var Muhlenbergii
 Gr f [69]
 - tricolor L. A

POLYGALACEÆ.

Polygala
 paucifolia Willd. r s

CARYOPHYLLACEÆ.

Saponaria
officinalis L. fl. pl. z
Vaccaria L. s d

Silene

inflata Sm
Armeria L. y
noctiflora L.

Lychnis

Githago Lam
vespertina Sibth. s od

Cerastium

viscosum L. c
arvense L. s A

Stellaria

- *media* Sm. a
longifolia Muhl. ?
longipes Goldie. s
borealis Bigel. r SA
humifusa Rottb. * rb

Arenaria

lateriflora L. c

Sagina

procumbens L. c
 (nodosa E Meyer. r MG)

Spergula

arvensis L. c

Spergularia

salina Presl
media Presl

PORTULACACEÆ.

Portulaca
oleracea L. r
Claytonia
 - *Caroliniana* Mx. s SG

HYPERICACEÆ.

Hypericum
ellipticum Hook
 - *perforatum* L.
mutilum L.
Canadense L.
Elodea
campanulata Pursh. [107]

MALVACEÆ.

Malva
rotundifolia L. r A d
moschata L.
Hibiscus
Trionum L. r s

TILIACEÆ.

Tilia
 - *Americana* L. s

LINACEÆ.

Linum
usitatissimum L.

GERANIACEÆ.

Geranium
pratense L. A g
 - *Carolinianum* L. f
Robertianum L. r A
Oxalis
 - *Acetosella* L.
corniculata var *stricta* Sav

Impatiens

- *fulva* Nutt

ILICINEÆ.

Ilex
 - *verticillata* Gr. s GS
Nemopanthes
Canadensis DC. f

RHAMNACEÆ.

Rhamnus
alnifolia L'Her. s J

SAPINDACEÆ.

Acer
Pennsylvanicum L.
spicatum Lam.
saccharinum Wang.
rubrum L.

ANACARDIACEÆ.

Rhus
typhina L. a
 = *Toxicodendron* L. f

LEGUMINOSÆ.

Madicago
lupulina L.
Melilotus
alba Lam.
officinalis Willd. s
Trifolium
arvense L. r D(1)
pratense L.
repens L.
hybridum L. f i
agrarium L. s JS(M)
procumbens L. s AS(M)
Robinia
viscosa Vent. z
Ornithopus
scorpioides DC. R s x
Desmodium
Canadense DC. s J
Vicia
sativa var *angustifolia* Ser.
Cracca L. s

Lathyrus

maritimus Bigel.
 - *cluster* var *myrtifolius* Gr.

Amphicarpæa
monoica Ell. s J

Apios

tuberosa Mench. s JS

ROSACEÆ.

Prunus

(pumila L. r G)
 - *Pennsylvanica* Lf. c
Virginiana L.
serotina Ehrh. r

Spiræa

salicifolia L. c
 - *tomentosa* L. a

Rubus

odoratus L. z
Chamaemorus L. CM(QP) b
Dalibarda L. a
 - *triflorus* Rich.
strigosus Mx.
villosus var *frondosus* Torr.
 - *Canadensis* L.
hispidus L.

Geum

album Gmel. r s
strictum Ait. s A(G)
rivale L. f

Fragaria

Virginiana Duchesne
vesca L. s

Potentilla

Norvegica L.
argentea L. r SEA
 (arguta Pursh. r s)
palustris Scop. c
fruticosa L. r JG(M)
tridentata Sol. f
Anserina L.
 - *Canadensis* var *simplex* T&G
 Gr. c

Agrimonia

Eupatoria L.

Rosa

cinnamomea L. z ?
micrantha Sm. z
Carolina L. r
 - *lucida* Ehrh. [193]
nitida Willd. s JP(G)
 (humilis Marsh. x) ?

Pirus

arbutifolia var *melanocar-*
pa Hook. c
Americana DC. f

Crategus

- *tomentosa* L.

Amalanchier

- *Canadensis* T&G. a
 --- var *oblongifolia* T&G.
 --- var *oligocarpa* Gr.

SAXIFERAGACE.E.

- Tiarella*
cordifolia L. *f*
Mitella
nuda L.
Chrysosplenium
Americanum Schw
Ribes
oxycanthoides L.
lacustre Poir. *
rubrum var. *subglandulosum* Max. *r* J [212]
prostratum L'Her.
floridum L'Her. *r* J

CRASULACE.E.

- Sedum*
acre L. *r* A
Telephium L. *f* zi
Rhodiola DC. *r* MG *b*
Penthorum
sedoides L. *r* s

DROSERACE.E.

- Drosera*
rotundifolia L.
intermedia var. *Americana* DC. *s*

HAMAMELACE.E.

- Hamamelis*
Virginiana L. *s* sex

HALORAGACE.E.

- Proserpinaca*
palustris L. *R* p o
Hippurus
vulgaris L. *R* jp
Myriophyllum
tenellum Bigel. *r* G
Callitriche
verna L. *c*

ONAGRACE.E.

- Epilobium*
spicatum Lam.
palustre var. *lineare* Gr.
coloratum Muhl. ?
Ludwigia
palustris Ell.
Oenothera
biennis L.
 [Varieties undetermined.]
pumila L.
Circaea
alpina L.

UMBELLIFER.E.

- Hydrocotyle*
Americana L. *a*
Sanicula
Marilandica L. *J*

Cienta

- maculata* L. *c*
bulbifera L. *f*
Carum
Carui L. *s*
Sium
cicutifolium Gmel. *c*
Osmorrhiza
brevistylis DC. *s*
Ligusticum
Scoticum L. *r* s (G)
Thaspium
aureum Nutt. *r* *
Selinum
Canadense Mx. *r* *

- Carlopleurum*
Gmelini Ledeb. *r* * [250]
Pencedanum
sativum B & Hk
Heracleum
lanatum Mx
Daucus
Carota L. ds
Caucalis
nodosa Huds. *s* x

ARALIACE.E.

- Aralia*
racemosa L. *s* A
hispida Vent.
nudicaulis L.
 (trifolia Dec & Pl. *r* v)

CORNACE.E.

- Cornus*
Canadensis L. *a*
circinata L'Her. *s* A
sericea L. *s* J
stolonifera Mx. *a*
alternifolia Lf. *s* A (G)

CAPRIFOLIACE.E.

- Sambucus*
racemosa L.
Canadensis L.
Viburnum
lantanoide Mx. *c*
Opulus L.
acerifolium L. *s* w
dentatum L. JS w
cassinoides L. *c*
Lentago L. J w o
Linnæa
borealis Gronov. *a*
Lonicera
caerulea L. *f*
ciliata Muhl.
Diervilla
trifida Mærch

RUBIACE.E.

- Houstonia*
caerulea L.
Cephalanthus
occidentalis L. J w o
Mitchella
repens L.
Galium
Aparine L. *r* *
trifidum var. *pusillum* Gr.
 (— var. *latifolium* Tor. G)
asprellum Mx.
triflorum Mx.

COMPOSITE.E.

- Eupatorium*
purpureum L.
perfoliatum L.
Solidago
latifolia L. *s* A
bicolor L.
 (macrophylla Pursh. G)
sempervirens L. *s*
puberula Nutt. *a*
speciosa Nutt. *f*
rugosa Mill. *a*
juncæa Ait. *s* ?
 (serotina Ait. v)
Canadensis L. *a*
memoralis Ait. *a*
lanccolata L. *a*
Aster
macrophyllus L.
radula Ait.
cordifolius L.
sagittifolius Willd. ?
diffusus Ait.
salicifolius Ait. ?
Novi-Belgii L. ?
pumilus L.
umbellatus Mill.
acuminatus Mx.
memoralis Ait. s (M)

[Probably others; species confused and uncertain.]

- Erigeron*
strigosus Muhl.
Canadensis L.
Antennaria
plantaginifolia Hook.
Anaphalis
margaritacea B & Hk
Gnaphalium
 (polyccephalum Mx. *r* x) ?
uliginosum L.
Inula
Helenium L. *s* s (rp)
Ambrosia
artemisiæfolia L. *f*
Rudbeckia
hirta L. *f* i

<i>Helianthus</i> - <i>annuus</i> L. g - <i>tuberosus</i> L. z <i>Calendula</i> - <i>officinalis</i> L. g <i>Bidens</i> - <i>frondosa</i> L. a <i>Anthemis</i> - <i>Cotula</i> L. <i>Achillea</i> - <i>Millefolium</i> L. a <i>Chrysanthemum</i> - <i>leucanthemum</i> L. a <i>Tanacetum</i> - <i>vulgare</i> L. f <i>Artemisia</i> - <i>biennis</i> Willd. s i <i>Tussilago</i> - <i>Farfara</i> L. R AS(Q) i <i>Senecio</i> - <i>aureus</i> var <i>Balsamita</i> T&G - <i>vulgaris</i> L. a <i>Erechtites</i> - <i>hieracifolia</i> Raf. c <i>Arnica</i> - <i>Lappa</i> var <i>minus</i> Gr. a <i>Cnicus</i> - <i>arvensis</i> Hoffm. a - <i>lanceolatus</i> Hoffm. a - <i>muticus</i> Pursh <i>Centaurea</i> - <i>nigra</i> L. s A - <i>Cyanus</i> L. y <i>Cichorium</i> - <i>Intybus</i> L. s s <i>Tragopogon</i> - <i>pratensis</i> L. R s o <i>Leontodon</i> - <i>autumnalis</i> L. c <i>Hieracium</i> - <i>Canadense</i> Mx. r G - <i>scabrum</i> Mx. c <i>Prenanthes</i> - <i>serpentaria</i> Pursh - <i>altissima</i> L. ? <i>Picris</i> - <i>echioides</i> L. s x <i>Taraxacum</i> - <i>officinale</i> Weber. a <i>Lactuca</i> - <i>Canadensis</i> L. - <i>leucophæa</i> Gr. * <i>Sonchus</i> - <i>oleraceus</i> L. - <i>asper</i> Vill. - <i>arvensis</i> L.	<i>Dortmanna</i> L. f JDG(M) - <i>inflata</i> L. c CAMPANULACEÆ. <i>Campanula</i> - <i>rapunculoides</i> L. r SA z - <i>rotundifolia</i> L. s MG - <i>aparinoides</i> Pursh. r GS VACCINIACEÆ. <i>Gaylussacia</i> - <i>dumosa</i> T&Gr. R s - <i>resinosa</i> T&Gr. f <i>Vaccinium</i> - <i>Pennsylvanicum</i> Lam. a - <i>Canadense</i> Kalm - <i>corymbosum</i> L. r s - <i>Vitis-Idæa</i> L. a <i>Oxycoccus</i> - <i>palustris</i> Pers. - <i>macrocarpus</i> Pursh. c <i>Chiogenes</i> - <i>hispidula</i> T&Gr. c ERICACEÆ. <i>Epigæa</i> - <i>repens</i> L. f <i>Gaultheria</i> - <i>procumbens</i> L. c <i>Andromeda</i> - <i>polifolia</i> L. s <i>Cassandra</i> - <i>calyculata</i> Don. c <i>Kalmia</i> - <i>angustifolia</i> L. a - <i>glauca</i> Ait. f <i>Rhododendron</i> - <i>Rhodora</i> Gmel. a <i>Ledum</i> - <i>latifolium</i> Ait. c <i>Chimaphila</i> - <i>umbellata</i> Nutt. <i>Moneses</i> - <i>uniflora</i> Gr. s <i>Pyrola</i> - <i>secunda</i> L. - <i>elliptica</i> Nutt. - <i>rotundifolia</i> L. MONOTROPEÆ. <i>Monotropa</i> - <i>uniflora</i> L. c <i>Hypopitys</i> - <i>lanuginosa</i> Nutt. r A d PLUMBAGINACEÆ. <i>Statice</i> - <i>Limonium</i> var <i>Caroliniana</i> Gr. s	PRIMULACEÆ. <i>Trientalis</i> - <i>Americana</i> Pursh. c <i>Steironema</i> - <i>ciliatum</i> Raf. <i>Lysimachia</i> - <i>stricta</i> Ait. f - <i>thysiflora</i> L. r J <i>Glaux</i> - <i>maritima</i> L. <i>Anagalis</i> - <i>arvensis</i> L. r A OLEACEÆ. <i>Fraxinus</i> - <i>Americana</i> L. - <i>sambucifolia</i> Lam. - <i>pubescens</i> Lam. r s APOCYNACEÆ. <i>Apocynum</i> - <i>androsæmifolium</i> L. ASCLEPIADACEÆ. <i>Asclepias</i> - <i>incarnata</i> L. GENTIANACEÆ. <i>Gentiana</i> - <i>linearis</i> var <i>latifolia</i> Gr. JE [in. var.] <i>Halenia</i> - <i>deflexa</i> Griseb. s <i>Menyanthes</i> - <i>trifoliata</i> L. s <i>Limnanthemum</i> - <i>lacunosum</i> Griseb. s (POLEMONIACEÆ.) (<i>Polemonium</i>) - (<i>cæruleum</i> L. R Q wo) PORRAGINACEÆ. <i>Mertensia</i> - <i>maritima</i> Don. <i>Borrago</i> - <i>officinalis</i> L. g AS <i>Myosotis</i> - <i>laxa</i> Lehm. * - <i>arvensis</i> Hoffm. A <i>Symphytum</i> - <i>officinale</i> L. s(Q) z CONVOLVULACEÆ. <i>Convolvulus</i> - <i>sepium</i> var <i>Americanus</i> Sims. f - <i>arvensis</i> L. r s <i>Cuscuta</i> - <i>Gronovii</i> Willd. s s(G)
--	---	---

SOLANACEÆ.

Solanum
nigrum L. r s
Dulcamara L. s z
Physalis
lanceolata Mx s x ?
Datura
Stramonium L. r as d
Hyoscyamus
niger L. s

SCROPHULARIACEÆ.

Verbascum
Thapsus L. f
Blattaria L. r a d
Linaria
Canadensis Dum. r s o
vulgaris Mill
Chelone
glabra L. c
Mimulus
ringens L. c
Illysanthes
gratioloides Benth. s
Limnoscilla
aquatica var *tenuifolia* Hoff
R s wo

Veronica
Americana Schw. s
scutellata L. c
serpyllifolia L. a
peregrina L. r a
arvensis L. s
agrestis L. s
Buxbaumii Ten. s o

Euphrasia
officinalis L. s
Rhinanthus
Crista-galli L. c
Melampyrum
Americanum Mx

OROBANCHACEÆ.

Epiphegus
Virginiana Bart. f
LENTIBULARIACEÆ.
Utricularia
vulgaris L. c
intermedia Hayne. r s
cornuta Mx. s

VERBENACEÆ.

Verbena
hastata L. f

LABIATÆ.

Mentha
viridis L. z
Canadensis L.
Lycopus
Virginicus L.
sinuatus Ell

Satureia
hortensis L. y
Hedeoma
pulegioides Pers. c
Nepeta
Cataria L. s d
Glechoma Benth

Scutellaria
lateriflora L.
galericulata L.

Brunella
vulgaris L. a

Leonurus
Cardiaca L. g

Lamium
amplexicaule L. a o

Galeopsis
Tetralix L. a

Stachys
palustris L. f ?

PLANTAGINACEÆ.

Plantago
major L. a
maritima L. b ?
decipiens Bar
lanceolata L.

Littorella
lacustris L. R G o

AMARANTACEÆ.

Amarantus
retroflexus L.

CHENOPODIACEÆ.

Chenopodium
Album L.
capitatum B & Hk

Atriplex
patula var *hastata* Gr. ?

Salicornia
herbacea L.

Suaeda
linearis var *ramosa* Watson [516]

Salsola
Kali L.

POLYGONACEÆ.

Polygonum
aviculare L. a
amphibium L. G(QX) [524]
Hartwrightii Gr
Persicaria L.
Hydropiper L.
hydropiperoides Mx. r s
arifolium L. r s
sagittatum L. f
Convolutus L.
cilinode Mx
dumetorum var *scandens*
 Gray. f

Salsola
Kali L.

POLYGONACEÆ.

Polygonum
aviculare L. a
amphibium L. G(QX) [524]
Hartwrightii Gr
Persicaria L.
Hydropiper L.
hydropiperoides Mx. r s
arifolium L. r s
sagittatum L. f
Convolutus L.
cilinode Mx
dumetorum var *scandens*
 Gray. f

Fagopyrum
esculentum Manch. y

Rumex
Britannicus L. [536]
crispus L. f
obtusifolius L. r s
Acetosella L. a

(SANTALACEÆ.)

(*Comandra*)
(livida Richn. r g)

EUPHORBIACEÆ.

Euphorbia
maculata L. s o
Helioscopia L. s s x
Cyparissias L. s SA(G) z

URTICACEÆ.

Ulmus
Americana L.

Cannabis
sativa L. y

Urtica
gracilis Ait
urens L. R A

Laportea
Canadensis Gaud

MYRICACEÆ.

Myrica
Gale L. c
cerifera L. s d
asplenifolia Endl. f

CUPULIFERÆ.

Betula
lenta L.
lutea Mx f. c
alba var *populifolia* Spach
papyracea Ait. c

Alnus
incana Willd. a
viridis DC. c

Ostrya
Virginica Willd. r

Corylus
rostrata Ait. f

Quercus
rubra L. s

Fagus
ferruginea Ait. a

SALICACEÆ.

Salix
humilis Muhl
discolor var *eriocephala*
 Anders. c
petiolaris Sm. r s
cordata Muhl
(balsamifera Barr. G) [587]
rostrata Kich. [580]
lucida Muhl
(myrtilloides L. G)

Populus tremuloides Mx <i>a</i> grandidentata Mx <i>f</i> balsamifera var candicans Gr <i>r</i> J <i>alba</i> L <i>z</i>	roseus Mx <i>c</i> Smilacina racemosa Desf <i>s</i> A trifolia Desf <i>f</i> Maianthemum Canadense Desf <i>a</i> [646] Allium Schoenoprasum L <i>s</i> G Lilium = Canadense L <i>c</i> Erythronium Americanum Sm <i>s</i> AS (Tofieldia) (glutinosa Willd <i>r</i> G) Oakesia — sessilifolia Wats <i>f</i> [653] Clintonia — borealis Raf <i>c</i> Medeola Virginiana L <i>f</i> Trillium = erectum L <i>f</i> cernuum L <i>s</i> erythrocarpum Mx <i>f</i>	Symplocarpus foetidus Salish <i>r</i> GJ (Acornus) (Calamus L.) ALISMACE.E. Alisma Plantago var Americanum Gr <i>f</i> Sagittaria variabilis Engl [Varieties not distinguished.] calycina var spongiosa Eng <i>r</i> JG graminea Mx <i>r</i> D NAIADACE.E. Triglochin maritimum L <i>a</i> Scheuchzeria palustris L <i>r</i> s Potamogeton natans L Claytonii Tuck hybridus Mx <i>js</i> w rufescens Schr <i>s</i> o praelongus Wulf pusillus var major Fries <i>s</i> [Probably several other species.] Ruppia maritima L Naias flexilis Rostk <i>s</i> o ERIOCAULONACE.E. Eriocaulon septangulare With <i>f</i> CYPERACE.E. Dulichium spathaceum Pers <i>f</i> Heleocharis Robbinsii Oakes <i>s</i> wo obtusata Schul palustris RBr (tenuis Schul G) acicularis RBr Scirpus cespitosus L <i>s</i> P Clintonii Gr <i>R</i> P w pungens Vahl Eriophorum Mx atrovirens Muhl Eriophorum alpinum L <i>s</i> (Q) vaginatum L Virginicum L polystachyon L (gracile Koch G) Rhynchospora (fusca R&Sch <i>R</i> Q) <i>alba</i> Vahl <i>c</i>
EMPETRACE.E. Empetrum nigrum L <i>s</i> CM(G) <i>b</i> HYDROCHARIDACE.E. Vallisneria spiralis L <i>s</i> od ORCHIDACE.E. Microstylis ophioglossoides Nutt <i>f</i> Liparis Laselii Rich <i>R</i> A(IG) Corallorhiza innata RBr <i>s</i> multiflora Nutt Listera (cordata RBr <i>r</i> G) convallarioides Nutt <i>r</i> A d Spiranthes Romanzoffiana Cham <i>f</i> Goodyera repens RBr <i>s</i> JSDG pubescens RBr <i>r</i> D Arethusa bulbosa L <i>s</i> xs Calopogon pulchellus RBr <i>s</i> s Pogonia ophioglossoides Nutt <i>s</i> s Habenaria tridentata Hook <i>s</i> (S)G hyperborea RBr <i>r</i> J(G) obtusata Richn <i>r</i> G Hookeri Torr <i>s</i> s orbiculata Torr <i>s</i> GS blephariglotis Hook <i>s</i> s — psycodes Gr <i>f</i> — fimbriata RBr <i>r</i> (S)D ? Cypripedium spectabile Swz <i>r</i> J — acule Ait <i>f</i> IRIDACE.E. Iris — versicolor L <i>a</i> Sisyrinchium anceps L ? [63S] LILIACE.E. Smilax herbacea L <i>s</i> JS Polygonatum biflorum Ell <i>s</i> s Streptopus amplexifolius DC	XYRIDACE.E. Xyris flexuosa var pusilla Gr <i>r</i> s JUNCACE.E. Juncus — effusus L <i>a</i> filiformis L Balticus var littoralis Eng ? bufonius L (Gerardi Lois G) tenuis Willd <i>a</i> pelocarpus E Meyer <i>f</i> articulatus L ? militaris Bigel <i>D</i> o Canadensis var longicaudatus Engl AS — var coarctatus Engl <i>c</i> Luzula pilosa Willd campestris DC <i>c</i> TYPHACE.E. Typha latifolia L Sparganium simplex Huds — var angustifolium Gr <i>s</i> ARACE.E. Arisaema — triphyllum Torr <i>c</i> Calla — palustris L <i>f</i>	

Cladium

mariscoides Torr s 700

Carex

[Few determined; many more species may be looked for, and some of those for which only one locality is given are probably common.]

(pauciflora Lightf m)

Michauxiana Boeck [809]

(foliculata L qm)

intumescens Rudge *

lurida Wahl J [807]

Pseudo-Cyperus var com-

sa W Boot J

scabrata Schw *

filiformis L (MG)s

— var latifolia Boeck *

vulgaris Fries A

lenticularis Mx G

maritima Muhl *

crinita Lam

Magellanica Lam [775]

limosa L s(qm)

arctata Boot

debilis Mx

gracillima Schw *

flava L

Cederi Ehrh *

pahescens L *

conoidea Schk s

laxiflora Lam *

retrocurva Dew s ?

digitalis Wild ?

Pennsylvanica Lam s

polytrichoides Muhl

(chorderhiza Ehrh m)

stipata Muhl *

rosea Schk J ?

(exilis Dew Q)

echinata var microstachys

Boeckl * [756]

canescens L *

— var alpicola Wahl *

trisperma Dew *

(Norvegica Schk R MG)

tribuloides var cristata

Bail [760] ?

scoparia Schk *

GRAMINEÆ.

Panicum

capillare L a

dichotomum var nitidum

Gr J

laxiflorum Lam

crus-galli L a

Setaria

viridis Beauv

Spartina

cynosuroides Willd f

stricta var alterniflora Gr

Zizania

aquatica L s

Leersia

oryzoides Swz

Anthoxanthum

odoratum L

Hierochloa

borealis R&S r *

Alopecurus

pratensis L *

geniculatus L A

— var aristulatus Munro

s J [835]

Oryzopsis

asperifolia Mx f

Brachyelytrum

aristatum Beauv r J(G)

Phleum

pratense L a

Agrostis

scabra Willd

perennans Tuck

canina L r ?

alba L

— var vulgaris Th [846]

Cinna

— pendula Trin * [848]

Deyouzia

Canadensis Beauv a

(Deschampsia)

(flexuosa Griseb r G)

Avena

— striata Mx c

Danthonia

spicata Beauv a

Phragmites

communis Tr r Js

Eatonia

Pennsylvanica Gr r J

Poa

annua L

compressa L

serotina Ehrh

alsodes Gr ?

pratensis L

brevifolia Muhl ?

[Apparently several others, both

native and introduced.]

Glyceria

Canadensis Trin

elongata Tr r D

obtusata Tr s o

nervata Tr

arundinacea Kunth [873]

fluitans RBr f

maritima Wahl *

Festuca

(duriuscula L G)

elatior var pratensis Gr

Bromus

ciliatus L

Lolium

perenne L r *

Agropyrum

repens Beauv a [885]

caninum R&S s [886]

Hordeum

jubatum L

Elymus

Virginicus L c

mollis Tr r I(G)

GYMNOSPERMÆ.

CONIFERÆ.

Thuja

occidentalis L a

Juniperus

communis L s

— var alpina Gaud m ?

Sabina var procumbens

Pursh r m

Taxus

baccata var Canadensis Gr

Pinus

— Strobilus L a

resinosa Ait a

Picea

nigra Link a

alba Link a

Tsuga

Canadensis Carr

Abies

— balsamea Mars

Larix

— Americana Mx a

PTERIDOPHYTA.

EQUISETACEÆ.

Equisetum

arvense L

sylvaticum L

limosum L

OPHIOGLOSSACEÆ.

Botrychium

ternatum Swz f

Virginianum Swz s [930]

FILICES.

Polypodium

— vulgare L f

Pteris

— aquilina L a

Asplenium

thelypteroides Mx

Filix-femina Bernh a

Phegopteris

polypodioides Fee c

Dryopteris Fee c

Aspidium
 acrostichoides Swz
 Novboracense Swz
 (Thelypteris Swz sg)
 cristatum Swz
 — spinulosum var intermedi-
 um Eaton c
 — var dilatatum Horn *
 Cystopteris
 fragilis Bernh s
 bulbifera Bernh *

Onoclea
 sensibilis L c
 Struthiopteris Hoffm [920]
 Woodsia
 ilvensis RBr f
 Dicksonia
 — pilosiuscula Willd a [924]
 Osmunda
 regalis L f
 Claytoniana L c
 cinnamomea L c

LYCOPODIACEAE.

Lycopodium
 lucidulum Mx c
 annotinum L
 dendroideum Mx a
 clavatum L c
 complanatum L

ISOETACEAE.

Isoetes
 echinospora var Braunii
 Engl J(A)G