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

© 1981

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.

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 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:

- ☐ 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	12X	14X	16X	18X	20X	22X	24X	26X	28X	30X	32X
						✓					

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

Plant Research Library
Agriculture Canada

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:

Bibliothèque de recherches sur les végétaux
Agriculture Canada

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.

OFFICE SPECIALTY

HEAD OFFICE • NEWMARKET • ONTARIO • CANADA
BRANCHES AND DEALERS FROM COAST TO COAST

No. 3404 T¹/₂-R

with D. Campbell

581.971P

C 954

"Reprinted from the Canadian Record of Science, January, 1899."

THE GRAMINEÆ, CYPERACEÆ AND JUNCACEÆ OF MONTREAL ISLAND.

By HAROLD B. CUSHING, B.A., and ROBERT CAMPBELL, M.A., D.D.

The following list, prepared jointly by Mr. Harold B. Cushing, B.A., and Rev. Robert Campbell, M.A., D.D., of Montreal, was communicated to the Natural History Society of Montreal on the evening of January, the 31st, 1898, by Dr. Campbell. It is the first time that a serious effort has been made to collect the local species of these three important families. The collections being continued over a period of four years, the list may be regarded as tolerably complete. The number of grasses—species and varieties—is 85, of which only 18 have been previously reported. The Cyperaceæ number 89—species and varieties—and of these only 10 have been previously reported. The Juncaceæ number 14, and none of these have been hitherto reported. In all there are 179 species and 9 varieties given in this paper, of which only 28 have been previously credited to the Island of Montreal. It may surprise some of those under whose eye this catalogue may fall, that in an island only twenty-eight miles long and nine miles wide, so many species of grasses, carices and reeds should be found. In fact, we have in the Counties of Hochelaga and Jacques Cartier an epitome of the flora of all the Eastern Provinces. The reason, doubtless, is that the insular situation of these counties, and especially their geological character—being the combined Provinces of Ontario and Quebec in miniature—peculiarly fit them, owing to the occurrence of mountains, rivers, marshes, swamps and woods close together, for affording a suitable *habitat* to the plants in question.

The nomenclature followed is that given in Britton & Brown's Flora of the United States and Canada. They have embodied in the main the determinations of the

Torrey Club, now regarded as the most eminent authority on the Flora of Eastern America. The *Gramineæ* of their publication were elaborated by Geo. V. Nash; the *Juncaceæ*, by F. V. Coville, while Prof. Bailey's conclusions were generally adopted in regard to the *Caricæ*. Wherever there has been a departure from the nomenclature of Gray's "Manual," 6th edition, the latter is placed within brackets.

GRAMINEÆ JUSS.

SYNTHERISMA WATT.

1. SYNTHERISMA SANGUINALIS (L.) Nash. (*Panicum sanguinale*).—Yards and roadsides. Rare.

PANICUM L.

1. PANICUM CRUS-GALLI L.—Very common in yards and waste places. July and August.
2. PANICUM PORTERIANUM Nash. (*P. latifolium*).—Mount Royal Park and Cemetery. June.
3. PANICUM CLANDESTINUM L.—Bagg's Woods. July, 1896.
4. PANICUM XANTHOPHYSUM A. Gray.—Mount Royal Park. June.
5. PANICUM SCRIBNERIANUM Nash.—Mount Royal Park. July.
6. PANICUM DICHOTOMUM L.—Mount Royal Cemetery. Reported by Dr. Holmes as *P. nitidum*.
7. PANICUM DEPAUPERATUM Muhl.—Top of Mount Royal. 1894.
8. PANICUM MILIACEUM L.—Cote St. Paul. July 17, 1897.
9. PANICUM CAPILLARE L.—Common in yards, roadsides, lanes. August.

IXOPHORUS SCHLECHT (*Setaria*.)

1. IXOPHORUS VERTICILLATUS (L.) Nash. (*Setaria ver-*

Gramineae, Cyperaceae, Juncaceae of Montreal Island. 13

ticillatus.)—Common. Reported by Holmes and Fletcher.

2. IXOPHORUS VIRIDIS (L.) Nash. (*Setaria viridis*.)
Common. Reported by Holmes.

3. IXOPHORUS GLAUCUS (L.) Nash. (*Setaria glauca*.)—
Common everywhere. July and August.

4. IXOPHORUS ITALICUS (L.) Nash. (*Setaria Italica*.)
Cote St. Antoine. 1896.

ZIZANIA L.

1. ZIZANIA AQUATICA L.—Mouth of St. Pierre River.
August, 1895.

HOMALOCENCHRUS MIEG (*Leersia*.)

1. HOMALOCENCHRUS ORYZOIDES (L.) Poll. (*Leersia
oryzoides*.)—St. Pierre River. August. Reported by
Holmes.

PHALARIS L.

1. PHALARIS ARUNDINACEA L.—Mouth of St. Pierre
River. June and July.

2. PHALARIS ARUNDINACEA PICTA L.—Cote St. Paul.
August.

3. PHALARIS CANARIENSIS L.—Cote St. Antoine and
city lanes. August.

SAVASTANA SCHRANK.

1. SAVASTANA ODORATA (L.) Scribn.—Savanne. June,
1897.

STIPA L.

1. STIPA MACOUNII Scribn. (*S. Richardsonii*.) Mount
Royal Park, near riding course. August.

ORYZOPSIS MICHX.

1. ORYZOPSIS JUNCSEA (Michx.) B. S. P.—Mount Royal
Park. June, 1896.

2. ORYZOPSIS ASPERIFOLIA Michx.—Cemetery woods
and north mountain. May.

3. *ORYZOPSIS MELANOCARPA* Muhl.—Woods north of riding course. August.

MILIUM L.

1. *MILIUM EFFUSUM* L.—Hill west of Mount Royal Cemetery gate. August.

MUHLENBERGIA SCHREB.

1. *MUHLENBERGIA MEXICANA* (L.) Trin.—Common on Mount Royal. August.

2. *MUHLENBERGIA RACEMOSA* (Michx. B.S.P.—Savanne, St. Michel. August, 1897.

3. *MUHLENBERGIA SYLVATICA* Torr. — Pointe-aux-Trembles and Mount Royal Park. August.

4. *MUHLENBERGIA TENUIFLORA* (Willd) B. S. P.—Bagg's woods. August. Reported by Holmes as *agrostis tenuiflora*.

BRACHYELYTRUM BEAUV.

1. *BRACHYELYTRUM ERECTUM* (Schreb) Beauv.—Hoche-laga woods. June. Reported by Holmes as *B. aristatum*.

PILEUM L.

1. *PILEUM PRATENSE* L.—Common. June and July.

ALOPECURUS L.

1. *ALOPECURUS GENICULATUS* L.—Swamps on Mount Royal and Annex. July. Reported by Holmes.

CINNA L.

1. *CINNA LATIFOLIA* (Trev.) Griseb. (*C. pendula*).—Swamp on Mount Royal. July and August.

AGROSTIS L.

1. *AGROSTIS ALBA* L.—Common. June and July.
2. *AGROSTIS ALBA VULGARIS* Thurber.—Common. June and July

Gramineæ, Cyperaceæ, Juncaceæ of Montreal Island. 15

3. AGROSTIS PERANNENS (Watt) Tuckerm.—Swamp on Mount Royal. August.

4. AGROSTIS HYEMALIS (Watt), B. S. P. (*A. scabra*).—South mountain. August.

CALAMAGROSTIS ADAMS.

1. CALAMAGROSTIS CANADENSIS (Michx.) Beauv. (*Arundo Canadensis*).—Mount Royal. August.

2. CALAMAGROSTIS LANGSDORFII (Link) Trin. (*Arundo Langsdorfii*).—Woods west of riding course. August.

3. CALAMAGROSTIS NEGLECTA (Ehrh.) Gaertn. (*Arundo neglecta*).—Hochelaga woods. August.

HOLCUS L.

1. HOLCUS LANATUS L.—Montreal Junction. August. Reported by Holmes as *Hierochloa borealis*.

DESCHAMPSIA BEAUV.

1. DESCHAMPSIA FLEXUOSA (L.) Trin.—In Cemeteries and on Mount Royal. June and July.

ARRHENATHERUM BEAUV.

1. ARRHENATHERUM ELATIUS (L.) Beauv.—Between Pointe-aux-Trembles and Sault au Recollet. June, 1894.

DANTHONIA DC.

1. DANTHONIA SPICATA (L.) Beauv.—Abundant top of Mount Royal and Cemeteries. June.

SPARTINA SCHREB.

1. SPARTINA CYNOSUROIDES (L.) Willd.—Pointe-aux-Trembles. August. Reported by Holmes.

EATONIA RAF.

1. EATONIA PENNSYLVANICA (DC.) A. Gray.—Montreal Junction. August.

DACTYLIS L.

1. DACTYLIS GLOMERATA L.—Common.

CYNOSURUS L.

1. CYNOSURUS CRISTATUS L.—Rare. August. Reported by Holmes.

POA L.

1. POA ANNUA L.—Common on roadsides, lawns. June and July.
2. POA COMPRESSA L.—Common. June and July.
3. POA PRATENSIS L.—Common. July and August. Reported by Holmes.
4. POA TRIVIALIS L.—Hochelaga bank and Bagg's woods. August.
5. POA NEMORALIS L.—Mount Royal Park and Lachine. August.
6. POA FLAVA L. (*P. serotina*).—Common in many places. Reported by Holmes as *P. serotina*.
7. POA DEBILIS Torr.—Bagg's woods. August.
8. POA ALSODES A. Gray.—Swamp north of riding course. August.

GRAPHEPHORUM DESV.

1. GRAPHEPHORUM MELICOIDEUM (Michx) Beauv.—Hochelaga woods. August, 1897.

PANICULARIA FABR. (*Glyceria*.)

1. PANICULARIA CANADENSIS (Michx) Kuntze. (*Glyceria Canadensis*).—Common. Reported by Holmes as *Poa Canadensis*.
2. PANICULARIA ELONGATA (Torr.) Kuntze. (*Glyceria elongata*).—Common in woods. June and July.
3. PANICULARIA NERVATA (Willd) Kuntze. (*Glyceria nervata*).—Common. Reported by Holmes as *Poa nervata*.
4. PANICULARIA AMERICANA (Torr.) MacM. (*Glyceria*

Gramineae, Cyperaceae, Juncaceae of Montreal Island. 17

grandis.)—In wet places. Common. Reported by Holmes as *Poa aquatica*.

5. PANICULARIA PALLIDA (Torr.) Kuntze. (*Glyceria pallida*.)—South mountain. August.

6. PANICULARIA FLUITANS (L.) Kuntze. (*Glyceria fluitans*.)—Marsh, Logan's Park. August.

FESTUCA L.

1. FESTUCA OCTOFLORA Watt. — South mountain. August.

2. FESTUCA OVINA L.—Common.

3. FESTUCA OVINA DURIUSCULA (L.) Hack.—Cemetery path. July.

4. FESTUCA SCABRELLA Torr.—South mountain. August.

5. FESTUCA ELATIOR L.—Bagg's woods. August.

BROMUS L.

1. BROMUS CILIATUS L.—Mount Royal Park, near upper reservoir. August.

2. BROMUS ASPER Murr.—Mount Royal Park, near riding course. August.

3. BROMUS STERILIS L.—Cote des Neiges road. August, 1897.

4. BROMUS KALMII A. Gray.—Mount Royal Park, near upper reservoir. August.

5. BROMUS SECALINUS L.—Cemetery and Mount Royal. August, 1897.

LOLIUM L.

1. LOLIUM PERENNE L. — Mount Royal Cemetery. August. Reported by Holmes.

AGROPYRON J. GAERTN.

1. AGROPYRON REPENS (L.) Beauv.—Too common.

2. AGROPYRON VIOLACEUM (Hornem) Vasey. — South mountain. August.

3. *AGROPYRON CANINUM* (L.) R. & S. — Mount Royal Park. August.

HORDEUM L.

1. *HORDEUM JUBATUM* L. — Westmount, Pointe-aux-Trembles. July. Reported by Holmes.

ELYMUS L.

1. *ELYMUS STRIATUS* Willd. — Mount Royal Park. August.

2. *ELYMUS VIRGINICUS* L. — Mount Royal Park, near upper reservoir. August.

3. *ELYMUS CANADENSIS* L. — Sault au Recollet. September, 1897.

4. *ELYMUS GLAUCUS* Buekl. — South mountain. August.

5. *ELYMUS ARENARIUS* L. — Shore of St. Lawrence, Point St. Charles. July, 1896.

HYSTRIX MOENCH. (*Asprella*.)

1. *HYSTRIX HYSTRIX* (L.) Millsp. (*Asprella Hystrix*.) Common. Reported by Holmes as *Elymus hystrix*.

CYPERACEÆ J. ST. HIL.

I. *CYPERUS* TOURN.

1. *CYPERUS DIANDRUS* Torr. — Point St. Charles. August, 1897.

2. *CYPERUS ESCULENTUS* L. — Cote St. Paul. August, 1897.

3. *CYPERUS STRIGOSUS* L. — Lachine. September, 1897.

DULICHIMUM L.C. RICHARD.

1. *DULICHIMUM ARUNDINACEUM* (L.) Britton. — River St. Pierre. August, 1896.

ELEOCHARIS R. BR.

1. ELEOCHARIS OVATA (Roth.) R. & S.—Hochelaga, Cote St. Paul and Annex.
2. ELEOCHARIS PALUSTRIS (L.) R. & S.—Common everywhere.
3. ELEOCHARIS ACICULARIS (L.) R. & S.—Common in swamps.
4. ELEOCHARIS TENUIS (Willd) Schultes.—Hochelaga woods, Point St. Charles. June, 1896.
5. ELEOCHARIS ACUMINATA (Muhl.) Nees. — Mount Royal Park. August, 1897.

STENOPHYLLUS RAF.

1. STENOPHYLLUS CAPILLARIS (L.) Britton. (*Fimbristylis capillaris*).—Point St. Charles. August, 1897.

SCIRPUS L.

1. SCIRPUS AMERICANUS Pers.—Point St. Charles. July, 1896. (Dr. Holmes.)
2. SCIRPUS LACUSTRIS L.—Hochelaga bank and St. Pierre River. June, 1895.
3. SCIRPUS FLUVIATILIS (Torr.) A. Gray.—Hochelaga woods. July, 1897.
4. SCIRPUS ATROVIRENS Muhl.—Common everywhere.
5. SCIRPUS MICROCARPUS Presl.—Swamp above riding course. August, 1896.
6. SCIRPUS CYPERINUS (L.) Kunth.—Swamp above riding course. September, 1897.
7. SCIRPUS CYPERINUS ERIOPHORUM (Michx) Britton.—Swamp, Pointe-aux-Trembles. September, 1896.

ERIOPHORUM L.

1. ERIOPHORUM VAGINATUM L. — Hochelaga woods. August, 1897.
2. ERIOPHORUM POLYSTACHYON L.—Pointe-aux-Trembles. August, 1896.

CAREX L.

1. CAREX INTUMESCENS Rudge.—Mount Royal, Mile End, St. Michel. May.
2. CAREX LUPULINA Muhl.—Montreal Annex, Cote St. Paul, Hochelaga bank.
3. CAREX UTRICULATA Boott.—Marsh in Hochelaga woods and Bagg's woods. August, 1896.
4. CAREX MONILE Tuckerm.—Marsh at Pointe-aux-Trembles, August, 1897.
5. CAREX TUCKERMANI Dewey.—Mountain swamp. June. 1894.
6. CAREX RETRORSA Schwein.—Mountain swamps and Annex.
7. CAREX LURIDA PARVULA (Paine) Bailey. (*C. tentaculata*, var. *parrula*.)—Lachine. July, 1896.
8. CAREX HYSTRICINA Muhl.—Mount Royal, Hochelaga woods. June, 1894.
9. CAREX PSEUDO-CYPERUS L.—Mount Royal and Mile End. June, 1894.
10. CAREX COMOSA Boott. (*C. Pseudo-Cyperus*, var. *Americana*.)—Pointe-aux-Trembles. September, 1897.
11. CAREX ARISTATA R. Br. (*C. trichocarpa*, var. *aristata*.)—Savanne, St. Michel. July, 1896.
12. CAREX RIPARIA Curtis.—Shore of St. Lawrence, Verdun. August, 1897.
13. CAREX LANUGINOSA Michx. (*Filiformis*, var. *latifolia*.)—Mount Royal, Annex, Hochelaga.
14. CAREX STRICTA Lam.—Aqueduct, Cote St. Paul, Lachine. June, 1895.
15. CAREX STRICTA ANGUSTATA (Boott) Bailey.—Hochelaga woods. August, 1896.
16. CAREX STRICTA XEROCARPA (S. H. Wright) Britton.—Bagg's woods. September, 1897.
17. CAREX HAYDENI Dewey. (*C. stricta*, var. *decora*.)—Hochelaga swamp. July, 1896.

Gramineæ, Cyperaceæ, Juncaceæ of Montreal Island. 21

18. CAREX AQUATILIS Wahl.—Swamp near Back River. August, 1897.
19. CAREX GOODENOVII J. Gay. (*C. vulgaris*).—Lachine. July. Reported by Dr. Holmes as *C. vulgaris*.
20. CAREX PRASINA Wahl.—Hochelaga bank. June, 1897.
21. CAREX CRINITA Lam.—Mount Royal, St. Anne's, Hochelaga.
22. CAREX GYNANDRA Schwein.—Woods at St. Michel. July, 1897.
23. CAREX GRACILLIMA Schwein.—Common.
24. CAREX DAVISHII Schwein.—Mount Royal. July. Reported by C. F. McCrea.
25. CAREX ARCTATA Boott.—Mount Royal, Hochelaga, Westmount, St. Anne's.
26. CAREX ARCTATA FAXONI Bailey.—Hochelaga woods. June, 1897.
27. CAREX TENUIS Rudge. (*C. debilis*, var. *Rudgei*).—Bagg's woods. July, 1896.
28. CAREX GRANULARIS Muhl.—Common in many places.
29. CAREX FLAVA L.—Mile End and Montreal Annex. June, 1895.
30. CAREX PALLESCENS L.—Mount Royal. May and June, 1895.
31. CAREX HITCHCOCKIANA Dewey. — Near riding course, June, 1895.
32. CAREX LAXIFLORA Lam.—Mount Royal and Mile End. Reported by Dr. Holmes.
33. CAREX LAXIFLORA BLANDA (Dewey) Boott.—Mount Royal and Hochelaga. May, 1895.
34. CAREX ALBURSINA Sheldon. (*C. laxiflora*, var. *latifolia*).—Mount Royal. May, 1895.
35. CAREX PLANTAGINEA Lam.—Sides of Mount Royal. May, 1895.
36. CAREX PLATYPHYLLA Carey. — North mountain. Reported by Holmes and McCrea.

37. CAREX AUREA Nutt.—Mount Royal and Cote St. Paul. May and June, 1895.
38. CAREX PEDUNCULATA Muhl.—Mount Royal and Westmount, 1894. Reported by McCrea.
39. CAREX PEDICELLATA (Dewey) Britton. (*C. communis*.)—Mount Royal, Westmount, St. Anne's.
40. CAREX PEDICELLATA WHEELERI (Bailey) Britton. (*C. communis*, var. *Wheeleri*.)
41. CAREX PENNSYLVANICA Lam.—Common in Mount Royal Park. May.
42. CAREX VARIA Muhl.—Common on Mount Royal. Reported by Dr. Holmes.
43. CAREX NOVAE ANGLIÆ Schwein.—Hochelaga bank. June, 1897.
44. CAREX UMBELLATA Schk.—Mount Royal Park and Cemetery. May, 1895.
45. CAREX PUBESCENS Muhl.—Mount Royal. Rare. 1894.
46. CAREX LEPTALEA Wahl. (*C. polytrichoides*.)—Swamp on Mount Royal. May, 1894.
47. CAREX CHORDORHIZA L.—Bog, Hochelaga woods. August, 1896.
48. CAREX STIPATA Muhl.—Cote St. Paul and Mount Royal. Fairly common. June.
49. CAREX TERETIUSCULA Gooden.—Lachine. July, 1897.
50. CAREX VULPINOIDEA Michx.—Common. Reported by Holmes and McCrea.
51. CAREX TENELLA Schk.—Swamps on Mount Royal.
52. CAREX ROSEA Schk.—Common Mount Royal.
53. CAREX SPARGANIOIDES Muhl.—Near riding course. June, 1895.
54. CAREX CEPHALOPHORA Muhl.—Mount Royal, Mile End and Westmount.
55. CAREX STERILIS Willd. (*C. echinata*, var. *microstachys*.)—Common. Reported by Holmes as *C. scirpoides*.

Gramineæ, Cyperaceæ, Juncaceæ of Montreal Island. 23

56. *CAREX CANESCENS* L.—Swamps on Mount Royal. June, 1894.
57. *CAREX FENEA* Willd.—Mountain swamp. July, 1897.
58. *CAREX TENUIFLORA* Wahl.—Lachine swamp. July, 1897.
59. *CAREX DEWEYANA* Schwein.—Mount Royal. Fairly abundant. Reported by Holmes and McCrea.
60. *CAREX BROMOIDES* Schk.—Hochelaga bank swamp. June, 1896.
61. *CAREX TRIBULOIDES* Wahl.—Cote St. Paul, Lachine, Bagg's woods. July.
62. *CAREX SCOPARIA* Schk.—Mount Royal, Hochelaga. Lachine. August.
63. *CAREX CRISTATELLA* Britton. (*C. tribuloides*, var. *cristata*.) Cote St. Paul. August, 1896.
64. *CAREX ADUSTA* Boott.—Montreal Annex. July, 1897.
65. *CAREX STRAMINEA* Willd.—Hochelaga, Lachine. June, 1896.
66. *CAREX TENERA* Dewey. (*C. straminea*, var. *aperta*.)—Hochelaga bank. June, 1897.
67. *CAREX FESTUCACEA* Willd. (*C. straminea*, var. *brevior*.)—Mount Royal. June, 1897.
- (The following were omitted in their proper places in the list.)
68. *CAREX HARTII* Dewey.—Mount Royal, Montreal. July, 1897.
69. *CAREX REDOWSKYANA* C. A. Meyer.

JUNCACEÆ VENT.

I. *JUNCUS* L.

1. *JUNCUS EFFUSUS* L.—Mount Royal and Point St. Charles. July, 1895.

2. JUNCUS BALTICUS Willd. — Point St. Charles. August, 1897.
3. JUNCUS BUFONIUS L.—Not rare.
4. JUNCUS TENUIS Willd.—Common.
5. JUNCUS DICHOTOMUS Ell.—Lachine. August, 1897.
6. JUNCUS MARGINATUS Rostk.—Lachine. September, 1897.
7. JUNCUS STYGIUS L.—St. Michel, Savanne, 1897.
8. JUNCUS ARTICULATUS L.—Rockfield. July, 1897.
9. JUNCUS RICHARDSONIANUS Schultes.—(*Alpinus*, var. *insignis*.)—Mount Royal. 1896.
10. JUNCUS NODOSUS L. (Var. *genuinus*.)—Mount Royal, 1894.
11. JUNCUS CANADENSIS J. Gay.—Pointe-aux-Trembles.
12. JUNCUS CANADENSIS BREVICAUDATUS Engelm. (Var. *coarctatus*.)—Hochelaga bank, 1897.

II. JUNCOIDES ADANS. (*Luzula*, D C.)

1. JUNCOIDES PILOSUM (L.) Kuntze. (*Luzula vernalis*.)—Mount Royal Cemetery. 1896.
2. JUNCOIDES CAMPESTRE (L.) Kuntze. (*Luzula campestris*.)—Mount Royal Cemetery, 1895.