

Memorial University of Newfoundland Botanical Garden

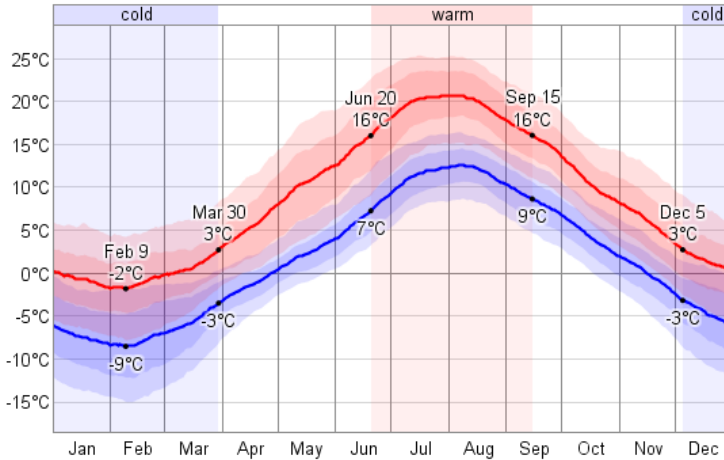


Memorial University of Newfoundland

Index Seminum 2017-18

The Memorial University of Newfoundland Botanical Garden (MUNBG) was opened to the public in 1977. We are situated on the northeast corner of the island of Newfoundland, Canada, 47.57° N, 52.76° W. We are located at an elevation of 170m ASL and within 6 km of the North Atlantic. The Botanical Garden consists of 44 hectares of natural area and 4 hectares of cultivated gardens. Among the cultivated area we have several theme gardens – rock garden, limestone barrens garden, crevice garden, cottage garden, woodland bed, peatland bed, rhododendron garden, fernery, ground cover garden, pollinator garden, cottage garden, heritage garden, Asian garden, moss garden and vegetable garden.

The Garden is situated in Canadian Hardiness Zone 5b, USDA Hardiness Zone 6. Over the course of a year, the temperature typically varies from -9°C to 21°C and is rarely below -15°C or above 28°C. Since 1980 the coldest recorded temperature has been -23.8 °C, the warmest 31.5 °C. Our climate is quite wet with an average yearly precipitation of 1,530mm. Snow is frequent in winter with an average of 335 cm. While precipitation is regular throughout the year, the wettest months are November-December. We are also a windy climate, with an average wind speed of 24 km/h.



Seed Collection information

Listed seeds were collected in 2017 and are freely offered for exchange with botanical gardens, arboreta and other scientific institutions.

Progeny raised from these seeds may not be used to generate commercial profit unless benefits are equitably shared with the countries of wild origin, under the terms and spirit of the Convention on Biological Diversity.

All seeds are the result of open pollination and cannot be guaranteed to come true from seed. Seeds will be distributed in the order of requests received as long as supplies last.

The seeds being offered are either native species or ornamental plants growing in our cultivated gardens. Those native species collected in the naturalized portion of our

botanical garden are marked with *MUNBG*. Seeds obtained from other *Index Semina*, when known, are noted after the authority of the plant. The localities for wild-collected plants are given in *italics*. The localities for cultivated plants of known wild origin are given in (*italics*) within brackets ().

NARGS = North American Rock Garden Society

SRGC = Scottish Rock Garden Club

AGS = Alpine Garden Society

Ordering Information and Deadline

Only orders received before April 1, 2018 will be filled. Send your requests (limit of 15) to the Seed Exchange coordinator, jtboland@mun.ca. Refer to this list as seed packets will be marked only with the Index Seminum number. It is the responsibility of the requester to adhere to any import restrictions.

Seulement les commandes reçues avant Avril 1, 2017 seront satisfaites. Envoyez vos demandes (limite de 15) au coordonnateur d'échange jtboland@mun.ca. Référez-vous à cette liste, car les paquets seront identifiés seulement par leur descripteur alphanumérique. Il est de la responsabilité du demandeur d'adhérer à toutes autres restrictions d'importations.

Manda sus selecciones (limite de 15) al Seed Exchange Coordinator jtboland@mun.ca. Ordenes deben ser recibidos antes del 1 Abril de 2017. El solicitante debe verificar que no

haya restricciones de importación en su país. Los paquetes están marcados solamente con el número de Index Seminum. Refiere a la lista para identificar.

Schicken sie ihre Auswahlen (begrenzung 15) zu dem Seed Exchange Coordinator jtboland@mun.ca. Wir müssen Ihren Austrag vor dem 1, April 2017 empfangen. Der Bewerber muß überprüfen, daß es keine Einfuhrbeschränkungen in seinem Land gibt. Die Pakete werden mit nur der Zahl gekennzeichnet. Beziehen Sie sich auf der Index Seminum Liste

Director: Kim Shipp

Seed Exchange Coordinator: Todd Boland

Seed Collectors: Todd Boland, Ben Thomas

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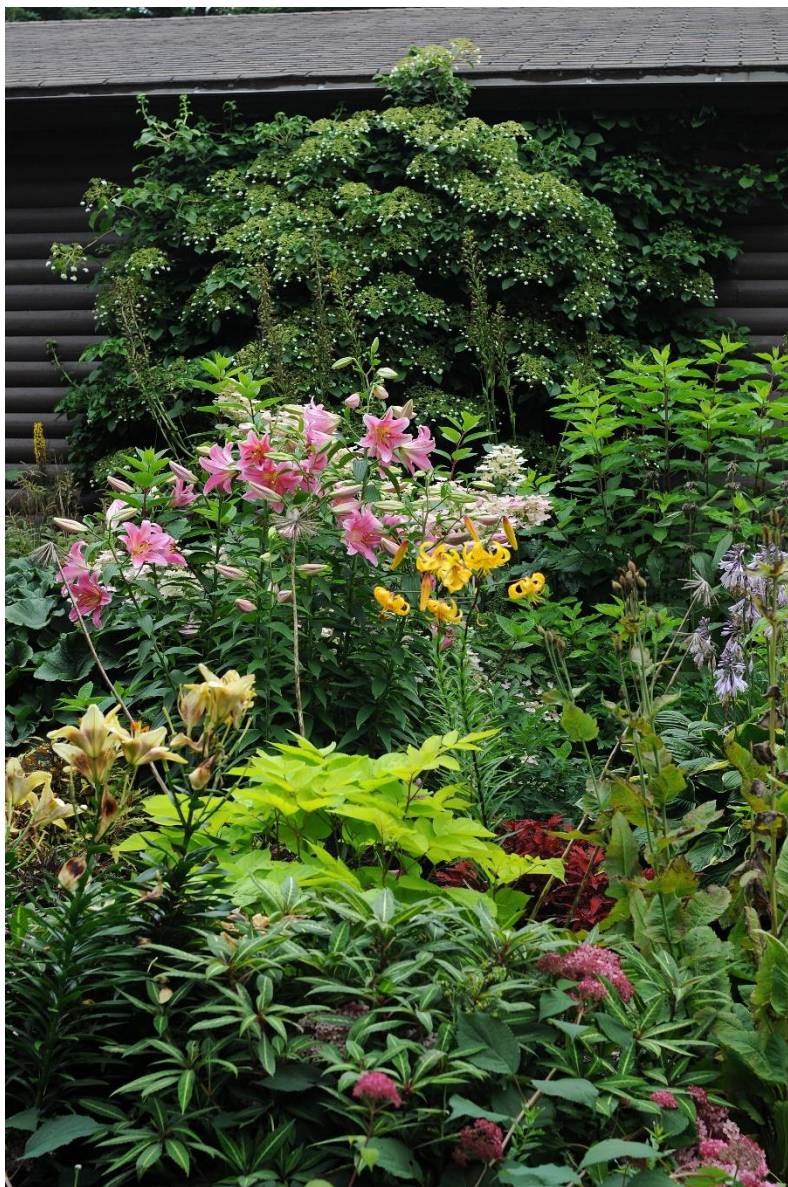
St. John's, Newfoundland, Canada

A1C 5S7

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www.mun.ca/botgarden



Seed List

Monocotyledoneae

Alstroemeriaceae

1. *Alstroemeria aurea* Graham.

Amaryllidaceae

2. *Allium cernuum* Roth.
3. *Allium pyrenaicum* Costa & Vayr. NARGS 2014
4. *Allium senescens* L.
5. *Allium wallichii* Kunth SRGC 2013

Araceae

6. *Arisaema amurense* Maxim. AGS 2010
7. *Arisaema jacquemontii* Blume SRGC 2000
8. *Arisaema yunnanense* Buchet. SRGC 2002

Cyperaceae

9. *Carex pendula* Huds.

Iridaceae

10. *Iris chrysographes* L.
11. *Iris hookeri* Penny ex G. Don *Cape Spear, NL,*
Canada 47.5167° N, 52.6333° W 2016

Liliaceae

12. *Notholirion bulbiferum* (Lingelsh.) Stearn
SRGC 2008

Dicotyledoneae

Adoxaceae

13. *Sambucus racemosa* subsp. *pubens* var. *pubens*
(Michaux) S. Watson *MUNBG 2016*

Apiaceae

14. *Angelica laurentiana* Fernald *Nameless Cove, NL,
Canada 51.3124° N, 56.7290° W*
15. *Conioselinum chinense* (L.) Britton, Sterns &
Poggenb. *Cape Spear, NL, Canada 47.5167° N,
52.6333° W 2016*
16. *Smyrniun perfoliatum* L.

Aquifoliaceae

17. *Ilex mucronata* (L.) M.Powell, Savol., & S.Andrews
MUNBG 2017

Araliaceae

18. *Aralia schmidtii* Pojark.

Asteraceae

19. *Ainsliaea acerifolia* Schultz Bipontinus Goteborg BG, Sweden 2010
20. *Antennaria pulcherrima* subsp. *eucosma* (Fernald & Wiegand) R. J. Bayer
21. *Arnica chamissonis* Lessing NARGS 2009
22. *Arnica montana* L.
23. *Arnica sachalinensis* (Regel) A.Gray Klagenfurt Bot. Gdn., Austria 2011
24. *Aster alpinus* L.
25. *Aster amellus* L. Univ. of Graz Bot. Gdn, Austria, 2012
26. *Aster tibeticus* 'Albus' Hook.f.
27. *Aster tongolensis* Franchet NARGS 2010
28. *Erigeron gaudinii* Brugger NARGS 2010
29. *Erigeron peregrinus* (Banks ex Pursh) Greene NARGS 2014
30. *Erigeron speciosus* (Lindl.) DC. (*Fremont CO, Colorado, USA, 2005*)
31. *Erigeron vetensis* Rydb. Denver BG, Colorado, USA, 2005
32. *Eurybia radula* (Ait.) G.L.Nesom *MUNBG 2017*
33. *Euthamia graminifolia* (L.) Nutt. *MUNBG 2017*
34. *Inula helenium* L.
35. *Inula magnifica* Lipsky

36. *Ligularia heterophylla* Ruprecht Reykjavik BG, Iceland, 2010
37. *Oclemena nemoralis* (Ait.)Greene. *MUNBG 2017*
38. *Senecio pseudoarnica* Less. *Trepassey, NL, Canada, 46.7264° N, 53.3699° W 2017*
39. *Solidago brendae* Semple *Cape Ray, NL, Canada 47.6379° N, 59.2850° W 2016*
40. *Solidago hispida* Muhlenberg ex Willdenow (*Flowers Cove, NL, Canada 51.3000° N, 56.7278° W 2012*)
41. *Solidago rugosa* Mill. *MUNBG 2017*
42. *Solidago sempervirens* L. (*Woody Point, NL, Canada 49.5027° N, 57.9163° W 1997*)
43. *Solidago uliginosa* Nuttall *MUNBG 2017*
44. *Syneilesis aconitifolia* (Bunge) Maxim. *SRGC 2010*
45. *Tanacetum bipinnatum* (L.) Sch. Bip. *Cape St. George, NL, Canada 48.4667° N, 59.2500° W 2017*

Balsaminaceae

46. *Impatiens capensis* Meerb. *River of Ponds, NL, Canada, 50.5253°N, 57.4041° W 2017*

Betulaceae

47. *Betula pumila* L. (*Raleigh, NL, Canada 51.5575° N, 55.7304° W 1989*)

Brassicaceae

48. *Alyssoides utriculata* (L.) Medik.
49. *Draba glabella* Pursh (*Flowers Cove, NL, Canada, 51.3000° N, 56.7278° W 2012*)
50. *Draba lasiocarpa* M. F. Adams NARGS 2010
51. *Erysimum coarctatum* Fernald (*Chimney Cove, NL, Canada, 57.4041°N, 58.2270 W 2014*)
52. *Lunaria rediviva* L.

Campanulaceae

53. *Campanula bayerniana* Bielefeld BG, Germany, 2014
54. *Campanula celsii* A.DC. Innsbruck BG, Austria, 2013
55. *Campanula latifolia* L.

Caryophyllaceae

56. *Silene suecica* (Lodd.) Greuter & Burdet (*Hedmark, Norway 2015*)
57. *Silene yunnanensis* Franch. NARGS 2012

Crassulaceae

58. *Sedum spathulifolium* Hook.

Ericaceae

59. *Rhododendron bureavii* Franch.
60. *Rhododendron canadense* (L.) Torr. *MUNBG 2017*

61. *Rhododendron canadense* 'Albiflorum' *MUNBG*
2017
62. *Rhododendron dauricum* var. *album* L.
63. *Rhododendron keleticum* Balf. f. & Forrest Bremen
Rhododendron Park, Germany, 2005
64. *Rhododendron schlippenbachii* Maxim. Bremen
Rhododendron Park, Germany, 2005

Fabaceae

65. *Oxytropis megalantha* H.Boissieu NARGS 2010

Gentianaceae

66. *Gentiana asclepiadea* L.
67. *Gentiana asclepiadea* 'Alba'
68. *Gentiana cruciata* L.
69. *Gentiana gelida* M.Bieb. Nantes BG, France, 2013
70. *Gentiana lutea* L.
71. *Gentiana macrophylla* Pall.
72. *Gentiana siphonantha* Maxim. Munchen BG,
Germany 2013
73. *Gentianopsis detona* ssp. *nesophila* (T.Holm)
J.S.Pringle *Savage Cove, NL, Canada* 51.3234°N,
56.7143°W 2017

Globulariaceae

74. *Globularia repens* Lam.

Lamiaceae

75. *Dracocephalum argunense* Fisch. ex Link NARGS
2010

Myricaceae

76. *Myrica gale* L. *MUNBG 2017*

Onagraceae

77. *Chamerion latifolium* (L.) Holub *Savage Cove, NL,
Canada 51.3234°N, 56.7143°W 2017*

Paeoniaceae

78. *Glaucidium palmatum* Siebold & Zucc.
79. *Paeonia anomala* ssp. *veitchii* (Lynch) D. Y. Hong & K.
Y. Pan
80. *Paeonia dahurica* ssp. *mlokosewitschii* (Lomakin)
D.Y.Hong
81. *Paeonia officinalis* 'Mollis'

Papaveraceae

82. *Papaver miyabeianum* Tatew. NARGS 2016
83. *Stylophorum lasiocarpum* (Oliv.) Fedde SRGC 2015

Parnassiaceae

84. *Parnassia glauca* Raf. *River of Ponds, NL, Canada*
50.5260°N, 57.4018°W 2017

Pinaceae

85. *Abies balsamea* (L.) Mill. *MUNBG 2017*
86. *Picea glehnii* (F. Schmidt) Mast.

Plantaginaceae

87. *Penstemon cardwellii* 'Rosea'
88. *Penstemon fruticosus* 'Purple Haze'
89. *Penstemon humilis* Nutt. ex A. Gray NARGS 2013
90. *Penstemon rupicola* (Piper) Howell NARGS 2013
91. *Penstemon wilcoxii* Rybd. NARGS 2013
92. *Veronica fruticans* Jacq.

Plumbaginaceae

93. *Armeria alliacea* (Cav.) Hoffmanns. & Link
94. *Armeria maritima* var. *siberica* (Turcz. ex Boiss.)
A.Blytt *Burnt Cape, NL, Canada 51.5811°N,*
55.7455°W 2017

Primulaceae

95. *Primula bulleyana* Forrest

96. *Primula japonica* mixed hybrids

Ranunculaceae

97. *Actaea asiatica* H. Hara Goteborg Bot. Gdn.,
Sweden, 2010
98. *Actaea rubra* (Aiton) Willd. (*Raleigh, NL, Canada*
51.5575° N, 55.7304° W 1989)
99. *Anemone canadensis* L. (*Pasadena, NL, Canada*
49.0130° N, 57.5894° W 1989)
100. *Anemone rivularis* Buchanan-Hamilton ex de
Candolle
101. *Anemone sylvestris* L.
102. *Anemone* X *lesseri*
103. *Aquilegia buergeriana* 'Calimero'
104. *Aquilegia ecalcarata* Maxim. NARGS 2010
105. *Aquilegia glandulosa* ssp. *jucunda* Fisch.
106. *Aquilegia vulgaris* 'Woodside Variegated'
NARGS 2012
107. *Glaucidium palmatum* Sieb. & Zucc.
108. *Pulsatilla alpina* ssp. *apiifolia* (Scop.) Nyman
109. *Pulsatilla ambigua* (Turcz. ex Hayek) Juz.
110. *Pulsatilla dahurica* Krav.
111. *Ranunculus gramineus* L. NARGS 2009
112. *Thalictrum dioicum* L. *MUNBG 2017*

Rosaceae

113. Aronia X prunifolia (Marshall) Rehder
MUNBG 2017
114. Craetagus douglasii Lindl.
115. Dryas integrifolia Vahl *Burnt Cape, NL,
Canada 51.5811°N, 55.7455°W 2017*
116. Potentilla crantzii (Crantz) Beck ex Fritsch
*(Burnt Cape, NL, Canada 51.5615° N, 55.7513° W
2002)*
117. Potentilla pensylvanica var. litoralis (Rydb.)
B.Boivin *Port-aux-Choix, NL, Canada 50.6977°N,
57.3802°W 2017*
118. Potentilla nivea L. *Burnt Cape, NL, Canada
51.5811°N, 55.7455°W 2017*
119. Potentilla pulchella R. Br. *Burnt Cape, NL,
Canada 51.5811°N, 55.7455°W 2017*
120. Potentilla villosula Jurtzev NARGS 2008
121. Rosa nitida Willd. *MUNBG 2017*
122. Sanguisorba canadensis L. *MUNBG 2017*

Rutaceae

123. Dictamnus albus L.

Sarraceniaceae

124. Sarracenia purpurea L. *MUNBG 2017*

Saxifragaceae

- 125. Peltoboykinia watanabei (Yatabe) Hara
NARGS 2011
- 126. Saxifraga cespitosa L. *Burnt Cape, NL, Canada*
51.5826°N, 55.7446°W 2017
- 127. Saxifraga paniculata Mill. *Burnt Cape, NL,*
Canada, 51.5815°N, 55.7465°W 2017

Desiderata

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