

Index Seminum 2009

<http://www.ubcbotanicalgarden.org/>

About the UBC Botanical Garden

The UBC Botanical Garden was established in 1916 and is the oldest continuously operating University-based botanical garden in Canada.

It comprises approximately 78 acres, or 31.5 hectares. Major components are the Alpine, Asian, Food, Native and Physic gardens. The Botanical Garden cultivates and displays a number of significant plant groups, such as *Acer*, *Clematis*, *Epimedium*, *Cornus*, hardy *Eucalyptus*, *Hebe*, *Lindera*, *Lardizabalaceae*, *Magnolia*, *Rhododendron*, *Sorbus*, *Styracaceae*, BC native flora, alpine and Asian flora. Our mandate includes providing plants and plant materials for academic study and research (based primarily on germplasm of documented wild origin), using plants to create attractive public displays, and providing the public with new plants through partnerships with local horticulture industry.

The Plant List

The UBC Botanical Garden Index Seminum, or Seed List, is published biennially. The listed seeds were collected in 2009 and are 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. UBC Botanical Garden and Centre for Plant Research's statement on the CBD: <http://www.ubcbotanicalgarden.org/conservation/cbd.php>

Wild collection data is available on request. All seeds are the result of open pollination and cannot be guaranteed to come true from seed. Seeds will be dispatched in the order of requests received as long as supplies last.

Some genera, monocotyledonous plants in particular, are placed in traditional families for convenience purposes and thus may not reflect current understanding of evolutionary relationships.

Ordering Information and Deadline

Only orders received before April 1, 2010 will be filled. Send your requests (limit of 10) to the Seed Exchange coordinator. 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. Inform the coordinator if your government requires a phytosanitary certificate.

Seulement les commandes reçues avant avril 1, 2010 seront satisfaites. Envoyez vos demandes (limite de 10) au coordonnateur d'échange. 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 10) al Seed Exchange Coordinator. Ordenes deben ser recibidos antes del 1 abril de 2010. 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 10) zu dem Seed Exchange Coordinator. Wir müssen Ihren Austrag vor dem 1. April 2010 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.

Seed Exchange coordinator

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Director - Patrick Lewis

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The UBC Friends of the Garden (FOGS) are sincerely thanked for their assistance in seed packaging and mailing.

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W = SEED OF WILD ORIGIN

Amaryllidaceae

1. *Agapanthus coddii* F.M. Leight. 37736-073-05

Apiaceae

- W 2. *Sanicula crassicaulis* var. *crassicaulis* Poepp. ex DC. Coll. T&AW.09-08. British Columbia; Nanaimo, Neck Point Park, 0m.

Apocynaceae

- W 3. *Apocynum androsaemifolium* L. Coll. BL. BC; Barriere, ca 400m.

Aquifoliaceae

- W 4. *Ilex verticillata* A. Gray Coll. JW. Nova Scotia; vicinity of Yarmouth.

Asparagaceae

5. *Brodiaea californica* Lindl. 38357-640-06
W 6. *Camassia quamash* (Pursh) Greene subsp. *maxima* Gould Coll. T&AW.09-09. BC; Nanaimo, Piper's Lagoon Park.
W 7. *Camassia quamash* (Pursh) Greene subsp. *maxima* Gould Coll. T&AW.09-29. BC; Nanaimo Regional District C, Harewood Plain.
W 8. *Maianthemum stellatum* (L.) Link. Coll. BL. BC; Barriere, in wet ditch among small shrubs, north aspect.

Aspleniaceae

9. *Asplenium scolopendrium* L. 37192-598-04

Asteraceae

- W 10. *Balsamorhiza sagittata* Nutt. Coll. BL. BC; Barriere.
11. *Celmisia spectabilis* Hook. f. 27438-520-89
W 12. *Erigeron speciosus* DC. Coll. BL. BC; McClure, ca 370m.
W 13. *Eriophyllum lanatum* (Pursh) J. Forbes Coll. T&AW.09-03. BC; Nanaimo, Neck Point Park.
W 14. *Eriophyllum lanatum* (Pursh) J. Forbes Coll. T&AW.09-10. BC; Nanaimo, Piper's Lagoon Park, 0m.
W 15. *Gaillardia aristata* Pursh Coll. BL. BC; Barriere, ca 400m.
W 16. *Grindelia squarrosa* (Pursh) Dunal Coll. BL. BC; McClure, Highway 16 rest stop, among dried grasses, full sun aspect, ca 360m.

- W 17. *Haplopappus lyallii* A. Gray Coll. BL. BC; Barriere.

- W 18. *Petasites palmatus* A. Gray Coll. BAH.09-001. BC; Coombs, shady creekside near single lane bridge crossing, Grafton Avenue w. of Pratt Road., ca 175m.

19. *Senecio cannibifolius* Less. 33182-262-96

- W 20. *Solidago simplex* Kunth Coll. BL. BC; Barriere, among dried grasses, sandy soil, full sun aspect.

Berberidaceae

- W 21. *Mahonia aquifolium* Nutt. Coll. BL. BC; Barriere, in ditch at forest edge, west aspect.

Blechnaceae

22. *Blechnum penna-marina* (Poir.) Kuhn 'Cristatum' 36040-613-01

Caprifoliaceae

23. *Lonicera ciliosa* (Pursh) DC. 38426-5660-07

Celastraceae

24. *Euonymus carnosus* Hemsl. 27404-565-89

Crassulaceae

25. *Sedum laxum* (Britt.) A. Berger 32519-167-96
26. *Sedum oblancheolatum* R.T. Clausen 39058-620-08

Dryopteridaceae

27. *Polystichum proliferum* C. Presl. 38783-5648-07

Ericaceae

- W 28. *Arctostaphylos uva-ursi* Spreng. Coll. T&AW.09-26. BC; District of North Cowichan, Mt. Tzuhalem.

Fabaceae

- W 29. *Lathyrus japonicus* Willd. Coll. BAH.09-031. BC; Richmond (Steveston), Garry Point Park, beach sand among driftwood logs, 0m.
W 30. *Lupinus arcticus* S. Watson Coll. BL. BC; Barriere.

Iridaceae

31. *Dierama erectum* Hilliard 35424-649-00

Lamiaceae

- W 32. *Monarda fistulosa* L. var. *menthifolia* (Graham) Fernald Coll. BL. BC; Barriere, dried grasses, full sun site.

Liliaceae

- W 33. *Erythronium oregonum* Applegate Coll. T&AW.09-12. BC; Nanaimo, Piper's Lagoon Park.
- W 34. *Fritillaria affinis* (Schultes) Sealy Coll. BL. BC; McClure, highway 16 rest stop, among dried grasses in part shade aspect, ca 360m.
- W 35. *Fritillaria affinis* var. *affinis* (Schultes) Sealy Coll. T&AW.09-30. BC; Nanaimo Regional District C, Harewood Plain.

Malvaceae

36. *Sphaeralcea caespitosa* M.E. Jones 39415-5476-09

Orobanchaceae

- W 37. *Castilleja rupicola* Piper ex Fernald Coll. BAH.09-109. BC; Mt. Cheam, At col on cliff, with *Salix arctica*, *S. reticulata*, *Saxifraga oppositifolia* and *Silene acaulis*. North aspect, 1788m.

Phrymaceae

- W 38. *Mimulus guttatus* DC. Coll. T&AW.09-20. BC; District of North Cowichan, Mt. Tzuhalem, seepage area.

Pinaceae

- W 39. *Abies lasiocarpa* (Hook.) Nutt. Coll. BAH.09-017. BC; Mt. Cheam, open slope with *Vaccinium* spp., *Valeriana*, *Carex* and grasses, south aspect, ca 1800m.

Plantaginaceae

40. *Parahebe decora* Ashwin 37865-5623-05
- W 41. *Penstemon procerus* Douglas ex Graham Coll. BL. BC; Barriere, fallow field among sparse grasses.
42. *Penstemon pruinus* Dougl. 38631-640-07

Ranunculaceae

- W 43. *Ranunculus glaberrimus* Hook. Coll. BL. BC; Barriere.

Rosaceae

- W 44. *Prunus virginiana* L. Coll. BL. BC; McClure, Highway 16 rest stop, among dried grasses, full sun aspect, ca 360m.
- W 45. *Rosa nutkana* C. Presl. var. *hispida* Fern. Coll. BL. BC; Barriere, dry ditch at roadside, forest edge, west aspect.

- W 46. *Rosa woodsii* Lindl. subsp. *ultramontana* (S. Wats.) Taylor & MacBryde Coll. BL. BC; ca 1 mile south of Barriere, in gravel at railroad verge.

47. *Sorbus scopulina* Greene 13438-284-76

- W 48. *Sorbus sitchensis* M. Roem. Coll. BAH.09-016. BC; Mt. Cheam, ca 1800m, open slope with *Abies lasiocarpa*, *Vaccinium* spp., *Valeriana*, *Carex* and grasses, south aspect.

Salicaceae

- W 49. *Populus balsamifera* L. subsp. *trichocarpa* (Torr. & A. Gray) Brayshaw Coll. BL. BC; Barriere, woods edge with *Populus tremuloides*.
50. *Carrierea calycina* Franch. APW.0068 31765-413-95

Sapindaceae

- W 51. *Acer glabrum* Torr. Coll. BL. BC; Barriere.

Saxifragaceae

- W 52. *Lithophragma parviflorum* (Hook.) Nutt. ex Torr. Coll. BL. BC; Barriere, dry sandy soil, full sun site.

Woodsiaceae

53. *Cystopteris dickieana* R. Sim. 38311-167-06

Xanthorrhoeaceae

54. *Kniphofia hirsuta* Codd. 38754-5475-07
55. *Kniphofia laxiflora* Kunth 36995-558-03
56. *Kniphofia parviflora* Kunth 38849-5475-07

Collectors:

Brent Hine = BAH
Bodil Leamy = BL
John Weagle = JW
Thomas & Adele Wheeler = T&AW

References

Angiosperm Phylogeny Website:

<http://www.mobot.org/MOBOT/research/APweb/>

International Plant Names Index:

<http://www.ipni.org/index.html>

Royal Horticultural Society Plant Finder

<http://apps.rhs.org.uk/rhsplantfinder/index.asp>
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