



**Fredericton Botanic Garden
Association Newsletter**

**Bulletin du Jardin Botanique
de Fredericton**

Vol 24 No 1

Spring 2012

President's Message

Happy New Year to All! I have to admit that I have already started looking through the seed and plant catalogues for special items for my gardens. Spring is coming and the days are getting longer. Of course, one of the places I will be shopping is the FBGA Annual Plant Sale, held on the last Sunday of May at the Boyce Farmers' Market. We are featuring hardy roses and companion plants this year. This is not only a great opportunity to buy hardy beautiful plants, but a great way to support the Fredericton Botanic Garden Association.

There are many ways to support our Association. Financial support, whether by membership, purchase, donation, memorial, or bequest being only one way. We also always appreciate your time – making sweets for the AGM (on February 4, 2012 at the Marysville Heritage Centre, with a great silent auction and words of wisdom from Bob Osborne), sharing your gardening knowledge, your planting and potting skills, helping on a committee, taking on a task for the plant sale . . . there are many ways to show your support. How about joining our Facebook group. Talk about the Garden, show your friends the Rhododendrons in bloom, or go for a picnic in the Garden.

There are so many tasks and projects ongoing that it is hard to know where to start describing them. Look for the new website very soon – easier to use, much more visual and informative. We have been lobbying City Council to review their obligations to the FBGA and the Garden. We have revived the meetings of the Local Improvement Association and are working closely with the City staff members who are responsible for doing such a great job with the resources allocated.

The Plant Sale planning is well underway. We'd

Annual General Meeting

February 4, 2012

12:15—4:00 pm

Guest Speaker: Bob Osborne

of Corn Hill Nursery

on "Hardy Roses"

followed by a

question and answer session

Come and enjoy
the Silent Auction

Seedy Saturday

April, 2012

Plant Sale

May 27, 2012

love to hear from you about helping with any aspect of the sale and preparations – potting plants, cashiers, door, set-up, cleanup, monitoring the greenhouse when the plants are there, flyer distribution, raffle ticket sales and all kinds of tasks. You don't have to attend meetings but you are most welcome to come and add your input, or just volunteer to do a job.

I believe that the Association is moving forward in a very positive way to realize our goals for the Garden, to update our Vision and Image and to promote this amazing place in Fredericton that belongs to all of us. Join us, please. We'd love to have you be a part of our dream coming true.

Norah Davidson-Wright

President, Fredericton Botanic Garden Association

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Something New in the Garden

Upon completion of the Pond expansion a variety of perennial and woody plant material will be planted. While introducing many new varieties is always a goal when one has "open space" to plant, many of the genera will be familiar to visitors; *Acer*, *Astilbe*, *Aster*, *Actea (Cimifuga)*, *Brunnera*, *Carex*, *Echinacae*, *Hemerocallis*, *Hosta* and *Magnolia* to name a few. The plant family *Poaceae* (grasses) has been included with the usual examples of *Miscanthus* and *Festuca*, but also included is a group that is a little less common in the region . . . not unheard of, but certainly not common. This is the sub-family *Bambusoideae*, the Bamboos.

We are "trialing" a half dozen varieties of Bamboo around the Ponds and the initial selection is based on winter hardiness, growth habit and ultimate size. The majority of the plants are from the genus *Fargesia*, a clumping bamboo, growing upward and outward as a clump rather than spreading by runners, much the way mint spreads. The lone example of a running bamboo to be included is *Semiarundinaria fastuosa*. This is potentially the tallest growing example in the selection but ultimate height will depend upon how the plants adapt to the local micro-

climate. All of the following varieties are rated for winter temperatures of between minus 23 to minus 29 Celsius. Bamboos tend to prefer semi shade and moist conditions without drying winds. Some of these requirements can be met at the ponds but the plants ultimately may require future relocation if they do not perform well. The species and varieties are shown in the accompanying pictures.

Brian Parker



Fargesia rufa, clumping bamboo
max ht. 3 metres, min temp -29 °C



Fargesia murielae, clumping bamboo
max ht. 4 metres, min temp -23 °C.



Fargesia denudata, clumping bamboo
max ht. 4 metres, min temp -23 °C.





Fargesia scabrada,
clumping bamboo
max ht. 4 metres, min temp -29 °C.



Fargesia nitida,
clumping bamboo
max ht. 3 metres, min temp -32 °C.



Semiarundinaria fastuosa,
running bamboo
max ht. 7 metres, min temp -29 °C.



Fargesia robusta
'Green Screen', clumping bamboo
max ht. 3 metres, min temp -23 °C.

Donations Wanted

The Fredericton Botanic Garden Association's
Annual General Meeting
and 14th Annual Silent Auction
Saturday, February 4, 2012

We encourage members to donate up to
6 items each to the Silent Auction.

**Donations may be dropped off at the Resource Center
between 4 –7 pm on weekdays
between Monday January 15 to Friday January 27.**

If you are unable to deliver your donations,
please contact the FBGA office
at 452-9269 to have them picked up before Friday, January 27.
Your cooperation in this regard is appreciated.

If you can provide a plate of small sandwiches or sweets (finger
food), please notify the FBGA Office 452– 9269

Thank-you to Jane Tarn for her expertise in editing the Newsletters.



The Queen of Flowers



Charles de Mills

Emily Carr

Emily Carr

John Cabot

We all admire the fragrance and elegant beauty of roses.

As a child I remember rugosa and cinnamon roses. As a beginning gardener I had several rose gardens, with hybrid tea, floribunda and grandiflora roses. I particularly loved standard rose trees. They were a lot of work and difficult to maintain.



Morden Sunshine

I worked to control black spot and rust all summer and then dug them up and stored them underground for winter. This produced mixed results. About twenty or so years ago, I "discovered" hardy roses. They have their own charm. As time has gone by much has been accomplished with the breeding of roses hardy for Canadian climates.

This article is about hardy roses, their history, the varieties currently available and where the breeding of hardy roses is heading in Canada.

Roses that are winter hardy have been developed from families of roses such as:

- *Rosa alba* which is healthy and hardy to Zone 4, some to zone 3

- *Rosa centifolia*, the cabbage rose, is also hardy and has in its background the moss rose

- *Rosa foetida* is the source of much of the yellow colour in today's hardy roses

- *Rosa gallica* is generally hardy and has strong perfume; many are quartered. It has brought strong colours to the genetic mix

- *Rosa rugosa*, native to Northern China and Japan, is generally hardy to Zone 2. This rose originally grew by the seashore.

- *Rosa spinosissima*, the moss rose, is a hardy native of Europe and Asia



Frontenac





Queen of Denmark

Among rose breeders there was a quest for winter hardiness. Breeders such as the Kordes family in Germany bred for winter hardiness, disease resistance and repeat blooming. In Canada, Agriculture Canada was in the forefront as the Explorer series (developed at Agriculture Canada's Central Experimental Station in Ottawa) and Parkland series (developed at the Agriculture Canada Experimental Station in Morden, Manitoba) were developed. Morden's first introductions were launched in the 1970's. Agriculture Canada was most interested in "own root" roses.

Several years ago, Agriculture Canada moved its focus away from roses. The Canadian Nursery and Landscape Association has taken over the growing of hardy roses. They selected about 100 varieties from the fields in Morden for further development. Of these 14 were selected this year for development. The latest introductions are the Canadian Artists' series.

These are Emily Carr, a deep red shrub and Felix Leclerc, a pink climber. There are others being trialed across the country for later introduction. Priority is on bloom, repeat bloom and disease resistance. Cornhill Nursery is the only rose trial site in Atlantic Canada.

At a seminar last fall, Robert Osborne of Cornhill Nursery presented the following items as "must haves" for rose growing .

- Drainage is critical.
- Soil pH from 6.5 to 7. Nutrient availability crucial.

- Roses need sun.

- Water must be readily available in the soil. Mulch will work, but take care not to put it on too thickly as mulch will retain water.

Hardy roses will be among the featured plants at the Fredericton Botanic Garden Association's Plant Sale in May.

Heather Connors-Dunphy



Explorer series, John Cabot



Explorer Series, Frontenac



Alexander MacKenzie



PROPOSAL TO AMEND FBGA BY-LAWS

The Board of Trustees of the FBGA has approved the following amendments to the By-laws of the Association relating to membership, to be submitted to the Annual General Meeting in February 2012. The proposed changes have three purposes: 1) to bring the by-laws up-to-date with current practices; 2) to simplify the removal of a member who is found not to subscribe to the objects of the association; and 3) to correct an error in article number that appears to have been made at some unknown time in the past.

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Article 3 MEMBERSHIP

3.01 Any person who subscribes to the objects of the Association may apply for membership. *shall be eligible for membership in the Association.*

3.02 Any corporation, partnership or society which subscribes to the objects of the Association shall be eligible for associate membership. Each associate member shall be deemed to be one member, and may designate any person as its representative at any meetings of the Association and that person shall be eligible to vote.

3.03 Application for membership in the Association shall be made to the Board of Trustees of the Association which may either accept or reject the application. *Executive Director of the Association by any person who subscribes to the objects of the Association. Upon receipt of such dues as may be established by the Board of Trustees under article 4.06 c), the Executive Director shall issue a membership card to the applicant.*

3.04 Honorary members of the Association may be appointed by the Board of Trustees of the Association but shall not be eligible to vote.

3.05 All members shall have the right to speak and make representations at meetings of the Association and, with the exception of honorary

members, all members shall have the right to vote and to hold office.

3.06 The rights of membership in the Association are subject to the payment of all annual and special dues levied in accordance with Article 7 *4.06 c)* of these by-laws.

3.07 The Board of Trustees of the Association by unanimous *a vote of two-thirds of the members present* at any meeting duly called may terminate the membership of any members, *who they consider not to subscribe to the objects of the Association.* but such action shall have no force or affect until approved by at least two thirds of the votes cast at a special general meeting of the members of the Association duly called for considering the same.

The Fredericton Botanic Garden Association Newsletter is published four times a year by the Fredericton Botanic Garden Association, Inc. The FBGA is a registered charitable organization for tax purposes. The objectives of the FBGA are to guide the establishment of the Fredericton Botanic Garden and to foster an awareness and appreciation of plants.

To obtain information on membership and to become involved in FBGA activities please contact us: **506-452-9269 PO Box 57, Stn. A, Fredericton, NB E3B 4Y2 or fbga@nb.aibn.com**
Web: www.frederictonbotanicgarden.com

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Join us on Facebook

facebook

The Fredericton Botanic Garden Association now has a Facebook page. If you're one of the one in three Canadians on Facebook, you can join the FBGA group page by entering "**Fredericton Botanic Garden**" in the search bar on Facebook, and then selecting "Join this group." We'll have announcements about events and pictures of the Garden. There's also a discussion page for messages.

