



## President's Message

Happy New Year Everyone!!

It's a good thing those seed catalogues have been coming in the mail to see us through this very cold and bleak season. What could be nicer than curling up with a hot cup of tea and a new catalogue while the wind whistles at the windows. I know there are those out there who are snow worshippers, but I can't seem to relate. The winter is looking a bit harsh for our gardens as well, such a small amount of snow cover and such low temperatures. Not too much we can do about such things, so we might as well not dwell on it.



The Fredericton Botanic Garden though has not been hibernating during the winter. There have been lots of things going on and more to come as we move closer to spring. The fund raising campaign is in full swing with the segment that concentrates on our membership soon to wrap up and a gen-

eral campaign to follow. We have been doing well with significant support shown from our membership and have had a substantial commitment from the City of Fredericton. This commitment from our local municipal government will not only be extremely useful in and of itself over the next several years, but will confirm to other levels of government, Provincial and Federal, that we have the support of our local government in this development plan.

November the 7<sup>th</sup> was a big day for the FBGA. At the invitation of Lieutenant Governor Herménégilde Chiasson, a large group of our members and dignitaries gathered at Government House for a very special announcement. Lieutenant Governor Chiasson took this opportunity to announce his intention to support the Association's development effort by becoming the Patron of the Garden. His enthusiasm for the development of the garden was evident in his words of encouragement and his commitment to "help in making this goal a reality for the people of New Brunswick." We look forward to further collaboration with the Lieutenant Governor and his staff as we move through this period of transformation for the Fredericton Botanic Garden.



The programs that usually run during the winter months are in full swing with an evening talk by Michael Khoury on January 22 at 7:30, titled Under a Lebanese Sun, and goodness knows we need some sun. Check your email or call the garden (452-9269) for dates of future talks. Saturday, February 7<sup>th</sup> is our annual seed exchange and Seedy Saturday is a great opportunity to get into the planting mood and mingle with like minded individuals (see details further along in the Newsletter). You don't have to be a seed saver to take part and everyone is welcome.

Finally don't forget to attend the Annual General Meeting on February 14<sup>th</sup> at the Capital Winter Club. This is a chance to enjoy a presentation, participate in a silent auction and most significantly get an insight into the Association and it's various undertakings. Perhaps this is the year that you would like to take a more active role in your Association, this will be a perfect opportunity, and you couldn't pick a more exciting time, to become involved. Please come and join us. The presentation this year will be a slide presentation by renowned local botanic photographer, Roger Smith. I am looking forward to this and it promises to be an interesting afternoon.

Keep safe, keep warm and dream of spring!

Wendy Bourque  
President  
Fredericton Botanic Garden Association



## Garden Plants from North America

Jane Seabrook

Many of the world's favourite garden plants come from North America. Explorers in the 18 and 19<sup>th</sup> centuries brought back potential ornamental plants along with timber trees such as redwood and Douglas fir. Our fall gardens have benefited greatly from plants such as purple coneflower, black-eyed Susan and goldenrod, North American native plants which have been 'tamed' or selected as garden plants.

**Purple coneflowers (*Echinacea purpurea* and *E. angustifolia*)** not only attract butterflies to our gardens, but also produce a natural medicine that helps alleviate the common cold. All coneflowers have compound flowers made up of tiny tubular flowers in the centre (cone) with brightly coloured flat "ray petals" on the outside. The flowers are usually bright pink, but white forms ("White Swan" and "White Lustre") are also popular. My favourite purple coneflower is the variety "Magnus", which has shorter stems and brighter coloured flowers than the wild form.



**Purple coneflower**



**Black-eyed Susan** (*Rudbeckia hirta*) is another coneflower with long-lasting, yellow or bronze flowers. "Goldstrum" is an abundant blooming *Rudbeckia fulgida* selection which is shorter with stronger stems than most *Rudbeckias*. Bill and I use a computer screen saver photo of *Rudbeckias* from our garden to remind us of the August sun when we look out at the snow and ice of January.



**Black-eyed Susan  
(Twisted Sister)**

**Goldenrod** (*Solidago spp.*) has over 130 species in the wild and most of them come from



**Goldenrod**

North America. It is a choice garden plant in Europe with garden forms that are not as "weedy" (a botanical term for a tough survivor !) as the goldenrods we pull out of our gardens. There are some lovely well-behaved goldenrods such as the *Solidago canadensis* hybrids which produce bright yellow

plumes in late summer.

Thanks to Steve Stehouwer for the wonderful photographs of Purple Coneflowers and Black-eyed Susans.

Next Fredericton Botanic Garden Newsletter will have an article on Canadian wild flowers for your garden.... jack-in-the-pulpits, bloodroots. *Trilliums*, etc.



## 6th Silent Auction 2004

by Nadia and Nancy

On Saturday, February 14th, the Fredericton Botanic Garden Association is holding it's Annual General Meeting and it's 6th Silent Auction.

This message is a request for donations to the Silent Auction. In past years we have had a wonderful time bidding against each other, along with the fun we have interacting with everyone there, and going home with our treasured successes. On top of that, we end up raising money for the garden that is 100% profit.

This year we are hoping for an even bigger, and more profitable auction. So far, we have already collected a few pieces of art including oil paintings, watercolours, prints, artistic photographs, hand made cushions, and many household items. A detailed list of items being auctioned will be emailed to those of you on our list as the time approaches. No item will be too small or too large.

Anything of value will be welcomed. Our well known refreshments will be served. Hope to see you at the auction, and please bring a friend. The more the merrier, and the bigger the profits.

Items may be dropped off at:  
542 Pederson Crescent, between 3-5, Mon-Fri  
until February 13



## Major Fund-raising Campaign Update

Canvassing for the Family division of the Botanic Garden Association's Major Fundraising Campaign began in early November and will continue to about the end of January. The goal of the Family Division ie the membership, is \$100,000. To date we have had responses from about 1/3 of our membership and have raised \$ 45,000, this sum does not include the generous donation of a \$25,000 life insurance policy or in-kind pledges. To date your contributions have been most generous.

The holiday season has put the brakes on our canvassing efforts, it seems people have other time priorities during this period.

We realize that some of you will not yet have been canvassed. However rest assured that during this next month you will be contacted and asked to contribute. Please bear in mind that all donations are tax deductible as we are a Federally registered charitable association. Pledges will be requested covering a three year period.

This is the biggest project that the Botanic Garden Association has ever undertaken. The family division is only a small portion of the \$3,000,000 total which is our goal. It is of vital importance that we achieve our \$100,000 before we turn to the corporate sector for their support. If we as members do not support the campaign there is little reason for other sectors to contribute fully.

As reported in the media, the Lieutenant Governor, his honour Herménégilde Chiasson, is **Patron of the Garden**. We are also most fortunate to have Larry Armstrong to chair the campaign cabinet. So please do your share to achieve our "family" goal to assure that the Garden develops into the thing of pleasure and beauty that we all envision.

## La Campagne majeure de financement

Dans le cadre de la Campagne majeure de financement du Jardin botanique, la sollicitation des membres de l'Association est en cours depuis novembre et se poursuit jusqu'à la fin de janvier. L'objectif de cette division «famille» est de 100 000 \$. Nous avons jusqu'à présent reçu les dons d'environ le tiers de nos membres et leur engagement se chiffre à 45 000 \$, sans compter le don d'une police d'assurance-vie de 25 000 \$ et les dons «en effets ou services». Ces montants sont très encourageants et des plus généreux.

La période des fêtes a freiné nos efforts de sollicitation. Il semble que les gens s'attachent à d'autres priorités.

Certains d'entre vous n'ont pas encore été sollicités mais soyez assurés qu'on cognera à votre porte au cours du prochain mois afin de demander votre appui. Rappelons nous que tous les dons sont déductibles d'impôt puisque notre association est enregistrée comme organisme à ces fins au niveau fédéral. Nous vous suggérons de considérer un engagement sur trois ans.

Cette campagne constitue le plus grand projet de l'Association du jardin botanique de Fredericton. La sollicitation de la division «famille» ne représente qu'une composante de la campagne majeure qui a un objectif de 3 millions \$. Il est néanmoins très important d'atteindre notre objectif de 100 000 \$ avant d'approcher les commerces et entreprises. Il nous faut un engagement solide de nos membres avant d'aller ailleurs.

La média a fait état du soutien du Lieutenant Gouverneur, son honneur Herménégilde Chiasson à titre de **Patron du jardin**. Nous sommes aussi très heureux que Larry Armstrong ait accepté de présider le Cabinet de la campagne. Si chacun fait sa part, le Jardin botanique de Fredericton pourra devenir ce havre de beauté, de tranquillité et de savoir que nous convoitons tous.



## PHOTO CONTEST

The Fredericton Botanic Garden is holding a photo contest. We are looking for the best photos of the Fredericton Botanic Garden taken in all four seasons. The winner of the grand prize (hand-made outdoor coffee table) and two runner up prizes (to be announced ) will be announced at the 2005 Annual General meeting of the FBGA held in February.

The competition is open to amateur photographers, including all Fredericton Botanic Garden members, employees, families, and employees of the City of Fredericton, and City Council members and their families.

Images will be in coloured electronic format. Thirty-five mm slide film can be scanned and burned on a CD. All submitted photos will become the property of the Fredericton Botanic Garden Association, and will likely be used in publicity publications and on the Fredericton Botanic Garden website. We are particularly interested in images of people and plants in the Garden.



Let your imagination run wild and see if you can capture images of some of our animal friends in the Garden. There have been recent sightings of black bear, owl, pileated woodpeckers, deer and racoons.

Load your favourite photos of the Fredericton Botanic Garden onto a CD and send them to :

Fredericton Botanic Garden Association  
P.O. Box 57  
Fredericton, Station "A"  
New Brunswick  
E3B 2Y4  
Tel: 452-9269

DEADLINE for submission of photos: December 31, 2004

Enquiries: Jane Seabrook. 459-7862

Judging panel will be composed of; one professional photographer, one FBGA Board member and a representative of the FBGA membership.

Your photos can be taken during Winter, Spring, Summer and Fall, and show slices of life in the Fredericton Botanic Garden; flowers, trees, activities, wildlife, critters, children, garden staff, volunteers, trail walkers, etc. Start snapping those photos



### Help Wanted

#### Program Committee

During the past season the Program Committee has developed a broad based program and activity proposal for the FBGA. This proposal has been accepted by the Board as a working document to complement the Five Year Site Development Plan that is already in place.

During the next three or four months the Program Committee will fine tune this working document, integrate components of the Program Plan with fund raising and site development, and initiate the implementation of some of the components of the Program Plan.

If you have previous experience in this type of activity or have an interest in the development and implementation of the FBGA long term Program Plan, please call Don Young at 457-0172. We can discuss this matter in more detail - you may wish to join the Program Committee in this endeavour



## OUR LANGUAGE POLICY

We publish items in either French or English, but we cannot translate except in very special circumstances.

## NOTRE POLITIQUE LINGUISTIQUE

Nous publions des articles en français ou en anglais, mais nous n'avons pas la possibilité de les traduire, sauf en des cas exceptionnels.

## Plant Sale 2004

Our 16th annual plant sale and raffle will be held on Sunday May 30th, 2004. This is the Botanic Garden's largest annual fundraiser and has become an annual event for many Frederictonians as well as friends from Miramichi City, Saint John and St. Stephen.

May 30th is a week later than our usual date. The previous weekend is the Victoria Day long weekend. In the past Victoria Day weekend has proven to be a poor weekend as many of our regular volunteers are out of town, as are many of our regular customers.

A small group met in early December to consider our feature plants for this sale. It was decided that this year we would feature North American Native Plants, Primulas and Oriental and Asiatic Lilies. These should prove to be any exciting addition to any garden. Aside from this decision no planning has gone into the 2004 plant sale. This late start is due to the time being spent by many volunteers on the Garden's Major Fund Raising campaign.

Tonight the temperature is -12°C not a great evening to be thinking about your perennial beds. However it isn't too early to be giving some thought to those plant divisions that you will be making. Remember your divisions are the life blood of the plant sale. Please save them for us.

A planning meeting will be held on Wednesday February 4th, at 7:00 PM, at the Garden Centre, all interested members are very welcome. Should

**PLAN TO ATTEND  
THE ANNUAL GENERAL  
MEETING  
AND  
SILENT AUCTION  
FEBRUARY 14, 2004  
AT THE CAPITAL WINTER CLUB  
ON ROOKWOOD AVENUE  
MEETING AT 2:00  
SILENT AUCTION BIDDING  
BEGINNING AT 1:00**

**Our Guest speaker is Roger Smith  
of RJS Digital.**

Roger is a scientific photographer in the Biology Department of the University of New Brunswick, Fredericton.



A background combining photography with plant pathology has prepared him to observe subtleties in nature that might otherwise escape notice.

One of his favourite photographic themes is diseased and dying plants - plants which, although well past their prime, still exhibit a stubborn beauty that rewards a closer look.

you wish to assist in organising this year's sale I would be grateful if you would contact me in advance of the meeting. Bill Seabrook 459-7862 or seabrook@nb.sympatico.ca





## Plant Sale

The Fredericton Botanic Garden Association will be holding its 16th Annual Plant Sale on Sunday May 30th 2004 from 12 noon until 4PM at the Boyce Farmer's Market, Fredericton, NB.

This years feature plants will be: Native North American Plants, Primulas and Oriental and Asiatic Lillies. This is the largest plant sale in Eastern Canada so don't miss it.



## Book Reviews

### *Our Apples and Our Plums*

Shahrokh Khanizadeh and Joanne Cousineau have written two beautiful books that should be an important part of any fruit grower's library. ***Our Apples***, published in 1998, is a wonderful, lavishly illustrated book with coloured photographs of apple varieties grown in Canada. Information, including pedigrees, on over 1,400 apple cultivars makes this a very authoritative book. Information on apple scab resistance, winter hardiness and cider-making qualities are available. [Regular price: \$65.00; Library or Nursery: \$40.00]. A CD-ROM is also available.

***Our Plums***, published in 2001, is an equally wonderful book with luscious photographs of a fruit that is probably under-appreciated in Canada. Over 80 plum varieties grown in Canada are described. Home gardeners can find information on ripening dates and hardiness. The data for the book was collected from 1900 to 2000 at three Agriculture and Agri-Food Canada research centres in Ottawa, La Pocatière, and St-Jean-Sur-Richelieu, and so is applicable to New Brunswick climatic conditions. This book is definitely a wonderful resource for growers and gardeners looking for plums that will grow here. [Regular price: \$50.00; Library or Nursery: \$30.00]. A CD-ROM is also available.

*Our Apples and Our Plums* can be purchased by sending a cheque made out to the **Receiver General of Canada** to:

Publications  
Fruit Laboratory 219  
Horticulture R & D Centre  
430, blv Gouin  
Saint-Jean-sur-Richelieu  
Québec, J3B 3E6

Jane Seabrook

### *David Douglas. Explorer and Botanist*

By Ann Lindsay Mitchell and Syd House. 1999. Aurum Press. ISBN:1 85410 591 4.

The Douglas fir is named for David Douglas, a Scotsman born in Perthshire. David Douglas was an intrepid plant explorer who died prematurely at age 35 at Kilauea on the Big Island of Hawaii in 1834. Douglas collected and sent back to Great Britain seeds of several timber trees, including the Douglas fir, Monterey pine, Sitka pine, Sitka spruce and sugar pine. The British isles has few native timber trees and Douglas' contributions of seeds from the tall trees of Canada's west coast were very welcome in the early days of the 19<sup>th</sup> century. Douglas also sent back to Britain , Oregon grape, evening primrose , monkey flower, Solomon's Seal, Saskatoon berry, turtle head (*Chelone*), hawthorns, dog-toothed violet, coral bells (*Heuchera*), perennial sweet pea, golden rod, and rock phlox. Many plants in our gardens and parks are named for David Douglas. E.g., *Amsinckia douglasiana* (fiddleneck), *Artemisia douglasii*, *Aster douglasii*, Douglas fir (*Pseudotsuga menziesii*), *Iris douglasiana*, *Phlox douglasii* (rock phlox).

David Douglas collected plants mainly from Western North America (British Columbia, Oregon and California), and Hawaii. He braved terrible conditions, trekking in very inhospitable mountainous environments and by the time of his death at 35 his health was poor from bad nutrition and rough conditions.

How easily we forget that plants we take for granted such as garden flowers (lupins, Oregon grapes) and wood for building materials wouldn't be around but for valiant explorers such as David Douglas. The Acadia Research Forest on the Richbucto Road, north of Fredericton has a stand of Douglas firs that were planted over 60 years ago. If you know of any other Douglas fir specimens in New Brunswick, please let us know.

To my joy, I recently found this treasure on sale at Chapters.

Jane Seabrook



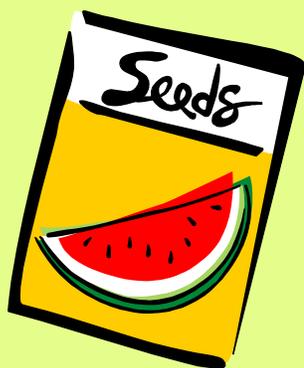
## Fredericton Botanic Garden's SEEDY SATURDAY

Please join us on February 7, 2004 for the Fredericton Botanic Garden's **SEEDY SATURDAY**. This year SEEDY SATURDAY will be at St. Andrew's Presbyterian Church on Charlotte Street in Fredericton. The seed exchange will begin at 1.00 p.m.

Admission is \$2.00 and each person will receive a free package of locally-collected, organically-grown seed. There will be catalogues to take home as well as unusual catalogues and books for reference. Refreshments (juice, coffee, tea and cookies) will be served.

Bring your seeds and discover the fun of swapping seed with other gardeners. Experienced gardeners will be there to answer your questions.

**All are welcome!**



## Newsletter Publishing Option

In our constant effort to direct our funds to the development of the Garden we are asking you our members if you would like to receive the Newsletter electronically. The electronic version comes to you as a "pdf" (portable data format opened with the Adobe Reader) and in **color**. Although those with older slower machines may find it slow to download, the enhancements are well worth the wait.

We would ask that you let us know if you are willing to receive future editions of the Newsletter electronically. The savings that could be realized through the reduction in production costs would easily pay for a week's salary for a summer student in the Garden.

If you would like to receive the Newsletter electronically, please forward your e-mail address to the FBGA e-mail address [fbga@nb.aibn.com](mailto:fbga@nb.aibn.com).

Please note that it our intention to continue to publish a papercopy of the Newsletter for those of our members who do not have access to e-mail.

Thank you for your consideration.

## Talks in the Garden

The Talks in the Garden take place at the Resource Centre of the Fredericton Botanic Garden Association on Cameron Court off Hanwell Road.

The talks are held at 7:30 pm and everyone is welcome, light refreshments are served.

**Thursday, January 22nd**, "Under a Lebanese Sun," a slide presentation by artist and photographer, Michael Khoury.

**Thursday, March 25th**, "The Benefits of Composting," both individually, and in our city, by Robert Glen-

wright, Horticultural Foreman with the Parks and Trees Division of Fredericton.

**Thursday, April 22nd**, "Herbs in Your Life," a talk and slide presentation by Howard and Marilyn Erb, growers of organic herbs in Cambridge-Narrows, N.B.

**In May**, the Talks in the Garden topic will be the featured plants in the upcoming plant sale of the Botanic Garden.

**Thursday, June 10th**, the Talk in the Garden will be a walk and talk through the Botanic Garden.



The Fredericton Botanic Garden 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 at 452-9269, at PO Box 57, Stn. A, Fredericton, NB E3B 4Y2 or fbga@nb.aibn.com

**Fredericton Botanic Garden Association**

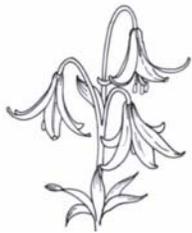
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**NEW**

**Lapel Pins available for \$5.00 from Nancy Beltrandi Telephone: 459-8004 Email: beltrand@nbnet.nb.ca**



**Le Jardin botanique de Fredericton Botanic Garden**

**Give a gift membership**

Membership privileges include - Newsletters; advance notice, by email of all events; 10 % discount at

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