



# The Garden Master News

## Newsletter of the Atlantic Master Gardeners Association

ISSUE #8

VOLUME #3

SUMMER-FALL 2018

### SUMMER AND FALL



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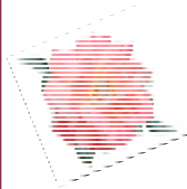
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Today it still is summer.  
Tomorrow will be fall.  
I see the purple asters  
I hear the autumn's call.



I feel the warm sun shining.  
As a balmy south wind blows;  
I see more flowers blooming;  
And I see the grass still grows;

The goldenrod is waving,  
The bees are in the clover.  
I hear a distant honking.  
The geese are flying over.

The maple leaves are golden:  
The pumpkins round and yellow.  
The apple cheeks are rosy,  
The pears are getting mellow.

The nuts are growing rounder,  
The Cornstalks, brown and sear.  
By twenty lovely tokens  
I know that fall is near.

Today it still is summer,  
Tomorrow will be fall.  
Today I still am barefoot  
Oh, how I love it all!



- By Nona (Keen) Duffy  
Teacher, Poet



# PRESIDENT'S MESSAGE

## View from the Patio

- by Jim Sharpe, AMGA President



I hope you and your friends and family are enjoying your gardens with this summer's extraordinary weather. After a cold June with record setting late spring frosts, we have had a very hot and sunny summer, with plenty of rain for some locations, including both my home garden in Halifax and at the cottage gardens in Murray Corner, New Brunswick. Compared to the extreme drought of Western Canada and Europe, we are having a wonderful summer for the gardens, but the weather makes me think about the sessions at our July 12 AMGA Conference "Gardening in a Changing Environment." The keynote speaker, Catherine Abreu, Executive Director of the Canadian Climate Action Network, drew our attention to implications for the increase in atmospheric carbon dioxide to over 400 parts per million, a level not experienced on the planet since the mid-Pliocene period, over 3 million years ago, when the Arctic was a temperate zone and sea level was 15-25 metres higher. She also provided an encouraging message of how gardeners can work with others on carbon sequestration through greening activities of composting, planting and recycling to counter the impacts of excess carbon dioxide for the future.

The other speakers showed us various ways that this can be done through planting milkweed for Monarch butterflies (Amanda Lavers from Mersey Tobetic Research Institute), saving seeds for seed banks and libraries (Stephanie Hughes from ACORN and Jolene Reid from the Dal MacRae Library) and creating community gardens for health and social integration (Jayme Melrose from Common Roots Urban Farm).

I received many positive comments on both the topics and quality of the speakers at this year's conference. We were able to have the Dal AMGA students join us for the morning session, but some suggested that we should work with other gardening organizations to expand the appeal and attendance at our conference. This was the first year that we widely publicized the conference and we may be able to work with partners to have greater impact for our organization.



In terms of an example of far sighted action for gardening, I was inspired by a to visit this summer to Beth Chatto's garden, north-east of London. This is the driest part of England, with an average of 15" of rain a year. With the summer drought there had been no rain for over 60 days. Yet her "Dry Garden" which receives no irrigation at any time of the year, was spectacular.

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## PRESIDENT'S MESSAGE

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See photos and blog posting:

<http://www.bethchatto.co.uk/gardens/our-blog/garden-news/how-the-gardens-are-coping-in-these-extreme-conditions.htm>

She was inspired to plant the garden due to the drought of 1973, to show that it is not necessary to water to obtain horticultural excellence. The garden was drawing great crowds, to see how it is done. Truly a tribute to Beth Chatto, a great gardener and teacher, who died in May of this year at age 94 still living in the cottage in the middle of her garden.



May we all have such plant filled lives.  
Happy gardening this fall!

- Jim



## THOUGHTS FROM THE PAST PRESIDENT

-BY LYNN BROOKS



This is one of my Dolgo Crabapples absolutely weighed down with apples. They almost look like red grapes they are so clustered. Never happened before, this has been that kind a growing season starting with a heavy frost in June. unheard of in my part of the world. So our conference this year 'On gardening in a Changing Environment' was very timely.

I enjoyed all our speakers, and was thrilled to see a Monarch checking out my new my milkweed planting in August. It is most likely not dense enough yet to make them actually start laying eggs, but I live in hope. That is what really struck me and what I took away from the conference was that all the experts were so upbeat and positive!

Even Jayme Melrose from the Common Roots Urban Farm located in the heart of Halifax, who told us that this will be their last harvest on the old high school grounds next to the hospital on Robie Street. To drive past and see how this garden has grown over the years has been such a joy, It almost made being stuck in traffic bearable. The farm has

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# THOUGHTS FROM THE PAST PRESIDENT

(Continued from page 3)

been a huge success. People have flocked to the site to either buy or grow fresh vegetables. It provided the opportunity for new citizens to grow plants that reminded them of home, which in turn opened the community to new taste experiences. Rumour has it, that the garden will be replaced by a parking lot, now how's that for irony..... But Jayme, bless her, remains hopeful that a new site will be found. Let us all hope she is right.

Thank you Jim Sharpe and your team, for putting together a most enjoyable day.

On the Wednesday was our AGM, and new faces have been added to the BOD: Welcome to our new president **Jim Sharpe**. I have worked with Jim over the last 3 years on many projects, mostly the talks the local MG group are doing at the libraries. We are very lucky to have Jim, who is not only a keen gardener with the amazing ability to grow just about anything from seed, but a long time academic. This will be of great benefit dealing with all the changes brought about by the absorption of the Agricultural College into the Dalhousie University system.

Other changes are: **Sandra Matchett** from New Germany NS will be the new Vice President.

**Carolyn Downie** agreed to rejoin the board as the Volunteer Coordinator. For the Coastal Master Gardeners, **Ann Buck** will be the new coordinator and member at large for Halifax. Happily, retired past president **Heather Connors-Dunphy** agreed to be the member at large for New Brunswick.

As I too move on, thank you all for your support, and to all the past and present board members thank you for your patience. Everyone has made my 3 years as president a very enjoyable experience.

**John Brookes** October 1933 - March 2018

We have lost another of those influential British garden designers that have had a major impact on the world of garden design in the 20th century. John never considered himself a horticulturist, it was the design of the garden and how to relate the house to its landscape that interested him and of which he was master. He wrote many books.

***The Room Outside*** in 1969 was his first. I heard him interviewed when he was in Toronto conducting a garden design course many years ago and as a result own a well thumbed version of ***The Well-designed Garden*** first published in 2002 in Britain as *Garden Masterclass*. In the foreword he explained how he thought of garden design in these words....."***we have to discover the essence of our own particular place and work with it. Garden design is my concern, but its continuing relationship with nature is my desire.***" Brookes lived and gardened at Denmans in West Sussex. It reopened after his death this June to the public and is now operated by the John Brookes Denman Foundation.

- *Lynn Brooks*

# AMGA AGM 2018

- Reported by David Oldacre

## AGM and Member talks Wednesday July 10, 2018

There were 13 of us in all and no one was allowed to remain silent – as we all had to introduce ourselves at the start. As usual the first half of the meeting was the formal part where reports were submitted by various members of the AMGA board. This was followed the election of the New Executive, after which the Outgoing President, Lynn Brooks, hands over the reins to the incoming President, Jim Sharpe, who led the discussion on the major issues that the incoming board will have to deal with.

Gigi Pelletier published the minutes of the meeting on July 22nd 2018

## AGM Meeting Part 1: Chair: Outgoing President Lynn Brooks

After approval of the Agenda and the minutes of the previous minutes, there was a brief discussion on four items:

- 1) The AMGA Facebook page which seems to be working well, and it is planned to link it with the twitter page
- 2) Drop Box , a means of communication to share documents between members of the Executive, managed by Heather Connors-Dunphy
- 3) AMGA webmaster - Aileen Reed
- 4) Future Conferences – an issue which was addressed later in the meeting

## Executive Reports – main points

**Jim Sharpe** reported on the success of Library Presentations—over 20 were given in Halifax, He was responsible for organizing the 2018 AMGA Conference,

**Heather Connors Dunphy** provided a written report as Past President and Drop Box secretary.

**Gigi Pelletier** reported that she was the chief note-taker and that we have been using ZOOM for Executive conference calls.

**Johanne Robertson** (not present at meeting), provided a summary report of the AMGA financials which indicates a small improvement over the previous year.

**Jane Plant** who is stepping down from the Executive in 2018 after 5 years reported that 28 Master Gardeners were recertified with a total of 1952 volunteer hours. The AMGA Membership year runs from June 1-May 31. To retain MG Status, members have to provide 25 hrs of volunteer service every year (such as giving talks to their garden club, or doing volunteer work at community gardens). In addition, they must have 8 hours of continuing education every second year.

This year, two members will receive a 500 hour pin and five will receive a 200 hour pin.

**Carol Goodwin** reported that her main focus was to establish a Valley Chapter, which will be established once they have 5 members. Currently 4 members from the Valley have signed up. There are also chapters in Halifax, and Cape Breton.

**Sue Stuart** said that two newsletters could not be produced this year due to lack of articles. One suggestion for a source other than AMGA members were exceptional Student Assignments.

**Outgoing President, Lynn Brooks** reported that the main focus of her mission for her two years as President was working on raising our profile in Atlantic Canada, and 11 years on since the establishment of AMGA, the question of defining ourselves still remains. The need to establish a Communications Committee is becoming of increasing importance. Most of Lynn's report was thanks to those members who provided time and assistance throughout her two years as President

## Nominations for New Board

The following members were nominated (or offered their services) for the open positions and were duly elected by acclamation :

**President - Jim Sharpe**

**Vice President - Sandra Matchett**

**Past President- Lynn Brooks**

**Volunteer Coordinator - Carolyn Downie**

**Halifax Member at Large - Ann Buck**

**NB Member at Large-Heather Connors-Dunphy**

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# AMGA AGM 2018

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There are three Board Committees:

- 1) Conference Committee - Ad hoc committee
- 2) Webmaster - Aileen Reid
- 3) Drop Box - Heather Connors-Dunphy

## AGM Meeting Part 2:

**Chaired by Incoming President Jim Sharpe**

### AMGA Objectives for 2018/2019

#### New Business

Future of AMGA Master Gardener Courses

- Jim & Lynn met with Tracey Kittilsen, Manager for Extended Learning, Dalhousie Ag.Campus  
Items discussed included:
- Marketing for Master Gardener courses and AMGA Conference
- Possibility of PhD students doing Conference Presentations
- Offering Webinar series ½ to 1½ hour courses on special topics.

Working with Other Groups

- So far 400 AMGA marketing brochures have already been handed out, and our conference Was publicised at the recent Provincial Garden Club Annual Meeting with 150 members in attendance.
- Other groups we are liaising with include Rhododendron Society, Rock Garden Association. ACORN, Mersey Tobiatic Research Institute. Other possibilities are PhD students, Rural Horticultural Clubs, etc

2019 Conference

- This was primarily a discussion on the proposal to hold the conference in the Fall, and a conference survey is to be sent out to membership for their input

## Members Corner Presentations

### David Oldacre- 2018 Pollination Guelph Symposium

Several handouts were provided. Topics discussed included –

- Becoming a master gardener and MG commitments
- Overview City of Guelph, Ontario and Pollination Guelph
- Review of programs for Symposia for 2013 - 2017.
- Pollination Guelph Symposium for 2018

### Jim Sharpe - The 2018 Rock Garden Conference in Newfoundland

Jim's talk was a slide show of the photos he had taken of the various rock plants they had seen on a tour of one of the rock bound areas on the east side of the province. Some of them were quite peculiar, and it is a wonder how they could have managed in such a harsh environment.

## Master Gardener Banquet, Certification, and Presentations

Wednesday, July 11 2018; 5:30pm; AMGA Annual Banquet ,Graduation, Certification took place at King Lam Restaurant, 39 Main St, Truro, NS. MG Students and Certified Master Gardeners had the opportunity to chat and relax while enjoying a lovely meal at King Lam.



**Helene Chiasson** became Certified Master Gardener

a

**Janet Elsie** and **Bibiane Lesard** earn 500 hour volunteer pins.

**Ann Buck, Carolyn Downie, Sue Kerr and Sandra Matchett** received 200 hour volunteer pins!

Congratulations to All!

- by Sue Stuart

# Report on the 2018 AMGA Annual Conference

- by David Oldacre

## The AMGA Conference – Thursday July 11th:

### Welcome by Jim Sharpe

Jim said that the program was developed on the theme of:

[“How is climate change going to affect my gardening”](#).

One of the objectives for developing the program was to reach out to various organizations who had an interest and expertise in the subject, and with whom we could build a lasting arrangement, and perhaps attract some of their membership to become Master Gardeners, and join the AMGA

### Keynote speaker – Catherine Abreu, Climate Action Network of Canada (CANC)

[“Impact of Climate Change in our environment – What is happening and what can we do about it.”](#)

The website for CANC is at :

<https://climateactionnetwork.ca/>

The main topics covered in her talk included:

- What is Climate Change - what is happening and why
- What can be done
- What can gardeners do

This was a very good presentation with some excellent slides – in which Catherine explained that global warming is just one measure of climate change, and that there is also the variation of the sun itself, as well as growing concentrations of CO2 and Nitrogen in the atmosphere. Climate change is long term events which are to some extent largely predictable, whereas weather events (i.e. what we experience) are unpredictable and variable. The important thing is to monitor trends of weather events in order to be able to forecast the speed of climate change and the impact it will have on temperature, rise in sea levels and so on.

There was a long discussion on the Paris Agreement in 2015 when 197 countries agreed to formal objectives

to reduce the rate of CO2 and other emissions and made commitments on how they would individually address this problem. As would be expected, there was no question in the speaker's mind about the accuracy of the scientific evidence, or the measures which needed to be taken to ameliorate the impact of climate change.

### Amanda Lavers, Executive Director, Mersey Tobeatic Research Institute (MTRI)

[“Monarch Butterfly Project \(Danaus plexippus\) and gardening with Milkweed”](#)

In the introduction to her talk, the speaker gave a brief review of the mission, objectives and projects of the Mersey Tobeatic Institute which is located in Kempt, (Caledonia) Queen's County, NS, website: [www.merseytobeatic.ca](http://www.merseytobeatic.ca)

The first major topic was the life cycle of the Monarch Butterfly which included an explanation of how to distinguish it from the well known imitator- the Viceroy Butterfly (Limenitis archippus) While they are from a completely different genus they are both members of the Nymphalidae family of Lepidoptera Order. Her presentation was illustrated by some colourful and beautiful slides of the life cycle of the butterfly, with an explanation of the different generations of Monarchs which migrate to Mexico in the fall, and return to Nova Scotia in the spring. There may be as many as 4 different generations of Monarchs whose life cycle is between 2 and 6 weeks. It is only the last of these which make the actual migration to Mexico. There was also an interesting slide of how to tell the difference between the male and female butterfly – which was a slight one and not easily seen until you

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# Annual Conference Report

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have a close up of the wings.

The second major topic was about their major food source – the main one being the native Swamp Milkweed (*Asclepias incarnata*), but the insect will also adapt to other species of milkweed such as Butterfly Weed (*Asclepias tuberosa*).

The final topic was creating an area in your garden to attract monarch butterflies, and what you have to do attract them which includes providing a variety of plants that flower in August to which the adult can obtain nectar, and as well as water resources.

**Stephanie Hughes, Regional Program Coordinator  
Atlantic Canadian Organic Regional Network  
(ACORN), “The ACORN Seed Bank Initiative”**

The website address : [www.acornorganic.org](http://www.acornorganic.org)

The PDF report on this seed bank initiative is

[https://www.acornorganic.org/media/resources/REPORT Seed Collections Systems FINAL Sept 21 2016.pdf](https://www.acornorganic.org/media/resources/REPORT%20Seed%20Collections%20Systems%20FINAL%20Sept%2021%202016.pdf)

In her introduction, the speaker spent a few minutes describing the mission, objectives, and projects of ACORN. The organization which was established in 2000 is a key resource for information on organic agriculture, eating organic, and connecting all the parts together. According to its website “[From seed to farmer to consumer, ACORN works to bring the whole picture together—making food choices healthier and more environmentally responsible](#)”

Stephanie joined ACORN in February 2013 and has been working as part of The Bauta Family. Initiative on Canadian Seed Security to support farmers and seed savers, increase ACORN’s knowledge of and involvement with seed networks.

**Jolene Reid, Dalhousie University Library, Seed bank administrator.** The Seed Bank Tour – review of the seed bank cabinet on the first floor of the building contains small packages containing seeds of the three major groups of plant Vegetables (e.g. beans), Herbs, Ornamentals (e.g. milkweed)

These packages are available to members of the public who most make an appointment with the seed bank administrator and the signing of a formal agreement. The seed bank itself is held in the basement of the library. However a major fire broke out on the third floor of the building on June 21st 2018 requiring the assistance of firefighters from all the major communities in the area. Only the third floor seems to have been affected, but the seed bank is now undergoing inspection to ensure that it has not been damaged by such things as water, heat and other consequences of the fire and its eventual suppression.

**Jayme Melrose, Common Roots Urban Farm  
“Building Community Gardens”**

In her introduction Jayme identified the three major public health concerns as

- Food insecurity and related illnesses
- Mental health
- Social isolation

In fact one in 4.5 people are affected by food insecurity in one way or another: They can’t get what they want, they can’t afford what they need, or they have a diet-related illness. We are constructing “car cities” so people can be better connected. Urban and community gardens are a major way to provide healthy liveable communities in an urban environment.



# Annual Conference Report

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**The Common Roots Urban Farm (CRUF)** a community farm in downtown Halifax at the corner of Bell and Robie created in 2012 to address these needs and more. Website :<http://commonrootsurbanfarm.ca/>

The Capital Health organization, which owns the property, decided in 2010 to make this area than rather than turn this area into a parking area, why not use it for a community farm instead. The garden was officially opened on June 5th 2012 to build raised bed gardens with soil donated by Kynock Resources, 50 people were expected to volunteer – instead 200 people turned up!

On 2 acres of land they have 195 plots (4' by 12') which are rented by community members, some common areas open to the public, and a market garden where they grow vegetables and flowers for donation and sale. Their mission is to promote healthy lifestyles and landscapes through hands-on education about growing and eating healthy food. Their vision is of healthy people, connected to their food, each other, and the natural environment.

On an average day they have 40-50 people tending to their lots and 300-400 volunteers helping out somewhere on the property. There are 6 wheelchair accessible lots using a design based on the Lee Valley model and 3 lots for people who are legally blind. There are 75 people on the waiting list.

Many of the people who have rented a plot are refugees who have made a home from themselves in Halifax, and happen to have been experienced in managing small lots in their former homeland in order to provide food for their own families. One innovative example is Unbar from the Middle East who has developed a two storey garden the under storey of which is for herbs such as cilantro and mustard, and the upper storey for vegetables to be consumed by his family or sold at the Market garden.

He spent about 20 years in refugee camps and knows a lot about growing as much as he can in the tiniest of spaces. He also works on his garden year round.

Jayne then went on to describe with the following features of the garden and related activities and issues:

Plot productivity, the services provided. A recent survey indicated that 37% of the plot renters had received assistance, 64% had provided assistance and 43% had a long lasting relationship with the community garden

Non human visitors:

potato bugs – a negative but containable problem

Lots of monarch butterflies – even some with a microchip

Birds – a family of crows has taken charge!

Pollinator gardens – hundreds of bees - native bees, bumble bees

Pigeon house

Birds nests - initially none – but now at least five.

The Market Garden This area produces food for retail and donations to food banks.

The Deep Roots program in cooperation with ISANS (Immigration Services Association of Nova Scotia)

Website <http://www.isans.ca/>

The Incubator farm

The Flower farm

The Composter system

The Commons area – where anyone can grow things –and pick things- which includes a children's garden

## **The move to a new location**

The final topic was on where will they be in 2019 as they have to close down the farm in October 2018 because the owners of the land want to develop the land for other purposes. This is a major challenge for CRUF.

## Annual Conference Report

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They held a meeting in April which was absolutely packed with interested and concerned citizens. They are working with a local property company to help them in their search and have developed a short list of three sites in the greater Halifax area. While this is a huge challenge, Jayme is confident that they will find a suitable location and that they will obtain the funds for the \$100,000 needed to move to the new location. She has received the support of the Mayor and Halifax Council, but naturally she needs help from influential and local business people for obtaining funds and twisting decision makers arms.

- *David Oldacre*

## AMGA News & Events

- The date for the first AMGA Executive Meeting for 2018-2019 is Sunday, October 14 at 2:30pm by ZOOM. If you have any questions, comments or concerns, please contact one of the Executive members listed on Page 13 of this Newsletter to have your item placed on the Agenda
- Submissions for the Winter issue of the "Garden Master News" are due **December 1, 2018**. We all have a favourite plant as well as a not-so-favourite plant! What went well or what went wrong with your gardening season? We want to hear from YOU! The time you spend researching and writing your article can be used as part of your **Volunteer hours** for the year! Send your article to: [suestuart@bellaliant.net](mailto:suestuart@bellaliant.net)
- **ACORN Events:**
  - **Pollinating the Seed Movement:**  
Community Seed Organizers Symposium, Truro, NS  
- **October 30, 2018 9:30am–5:00pm**  
<http://www.acornorganic.org/events/calendar/pollinating-the-seed-movement-community-seed-organizers-symposium>
  - **Building Bridges:**  
Creating New Relationships In Agriculture  
**November 26-28, Delta Charlottetown, PEI**  
<http://www.acornorganic.org/events/calendar/2018-acorn-conference>

# Want to get your child interested in gardening?

## Create a Butterfly garden!

- by Karen Baldock (MG Student)

My grandfather was a gardener extraordinaire. He designed and built gardens for clients at several large properties on Bayview Avenue, south of the 401. His lawn was manicured like a golf green and I could spend hours wandering through his small but interesting garden in his backyard in Leaside. Looking back at the before and after photos of his yard put me in awe of what he had accomplished. One of my favourite memories of gardening with him was planting impatiens at my sister's new home. He had spaced them out to give them room to grow and I, of course, thought they should be planted close together to immediately look beautiful. It was that day that I realized he had a lot to teach me, and I think the day I learned to love gardening.

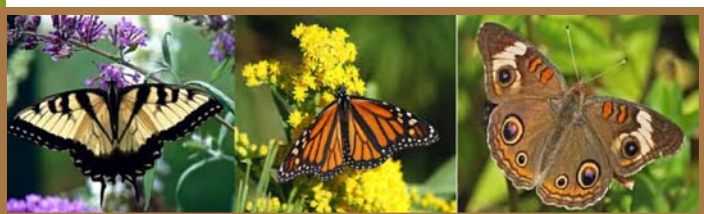
I now have 5 grandchildren under the age of 4, and I hope that someday they also pick up my love of gardening. I can't think of a better way to spark their interest in gardening, then to plan a garden that will attract butterflies. My husband, their grandfather, spent his youthful summers collecting monarch butterfly caterpillars on milkweed and raising them into butterflies. What joy to pass along our knowledge to a future generation!

### Butterflies in Ontario

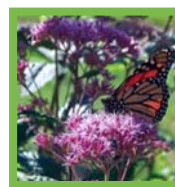
The ROM Field Guide to Butterflies of Ontario features 167 species of butterflies known to occur in Ontario. The common ones we tend to see fluttering about our gardens are Monarchs, Tiger Swallowtail and Common Buckeye butterflies.

Let's explore 4 things required to attract butterflies into the garden.

### Nectar Flowers:



Butterflies generally only feed in the sun, so you need to plan your garden to receive full sun. They are attracted to blossoms that are red, yellow, orange, pink and purple and prefer flowers where they can sit on a flat top – for example Joe Pye Weed (*Eutrochium purpureum*).



The flowers also have to be suitable for the proboscis (the butterfly's tongue – that is like a drinking straw) to be able to collect nectar – for example :Garden Phlox (*Phlox paniculata*). Your garden also must have a constant array of blooms. It is recommended that you group a number of the same plant together to help butterflies see a large block of colour. Adding annuals is a good choice to constantly have colourful flowers.

As gardeners we tend to plant in varying heights – not only does this add interest to the garden, but it also attracts butterflies. Butterflies like to rest and survey their surroundings from a tall plant. Butterflies don't do well in windy conditions and you can add shelter by adding trees and shrubs to the garden. A popular shrub for butterflies is the Butterfly bush (*Buddleja davidii*) but in many areas it is considered an invasive species. Another option as a food source to attract butterflies is to provide a fruit station filled with fresh fruits.

### Host Plants:

In order to have, and keep, butterflies you must first provide plants for butterflies to lay their eggs. Common Milkweed (*Asclepias syriaca*) is the preferred location for the Monarch butterfly to deposit her eggs and for the subsequent caterpillars to munch on. Plants from the carrot family such as

# Create a Butterfly garden!

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dill, parsley or fennel will attract the Black Swallowtail butterfly. Similar to flowers – it is best to plant them in groupings for the butterflies to find them. However, the caterpillars use the host plant for food – so you may want to put them in a less conspicuous part of your garden so as not to detract from your garden.

## Water:

Butterflies require water and prefer to do what is called “puddling”. They get salt and minerals from the damp soil. Put a shallow saucer in soil and fill it with sand. Keep the water level just below the surface of the sand. This is also a great place to add some flat rocks for the butterfly to absorb the sun’s warm rays.



## Pesticides:

If you want to have butterflies you cannot use any type of pesticides in your garden.

Butterflies are fascinating to watch in all stages of their development. You can keep your children interested in the garden from finding their eggs, watching the caterpillars hatch and turn into chrysalis to finally seeing them emerge as an adult butterfly. Teaching children about the plants required to support all stages of a butterfly’s development might just spark their interest in someday becoming an avid gardener!

## Other resources:

An informative article about creating a butterfly garden. It also lists a number of resource books related to butterflies and gardens. <https://www.cambridgebutterfly.com/images/PDF/ButterflyGardeningBrochure2016.pdf>

Gardens with Wings lists the plants that butterflies use to lay their eggs. <http://www.gardenswithwings.com/what-is-a-butterfly-garden/host-plants.html>

Learn how to make a butterfly pudding pool.

<http://homeguides.sfgate.com/make-butterfly-pudding-pool-104284.html>

For a list of the butterflies found in Ontario and where they have been spotted go to:

<http://www.ontariobutterflies.ca>

A great resource for a list of flowers that will attract butterflies is <https://getbusygardening.com/flower-garden-with-butterflies/> and <https://www.thestar.com/life/homes/2016/10/15/plants-to-attract-butterflies.html>

For suggestions on creating a fruit station go to:

<http://lepcurious.blogspot.ca/2015/05/butterfly-fruit-feeding-station.html>

and <http://butterflylady.com/butterflies-and-fruit/>

To watch how a butterfly collects nectar from a flower go to:

<https://youtu.be/ngzfgYae0Ws>

## List of Resources:

New Butterfly Field Guide for Ontario. Retrieved from <http://www.e-butterfly.org/664/>

Butterflies and How to Attract Them. Retrieved from <https://wdfw.wa.gov/living/butterflies/>

Tips on Attracting Butterflies to Your Garden. Retrieved from

<http://www.frankieflowers.com/tips-on-attracting-butterflies-your-garden>

Butterfly Gardening: Delight the Eyes With Living Sculptures.

Retrieved from :<https://www.houzz.com/ideabooks/15450830/list/butterfly-gardening-delight-the-eyes-with-livingsculptures>

Butterfly Garden Design. Retrieved from

<http://www.hgtv.com/outdoors/gardens/garden-styles-and-types/butterfly-garden-design>

Attracting Butterflies. Retrieved from

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