Philadelphia Beekeepers Guild presents

9th Annual Natural Beekeeping Symposium

Saturday, February 9, 2019

The Franklin Institute
3rd Floor – Pendulum Gallery and Pepper Hall

Program of Events

8:00 – 9:00  Registration, Vendors, and Coffee

9:00 – 9:15  Opening remarks

9:15 – 10:30  Vince Aloyo - Late Winter to Early Spring Management

10:30 – 12:00  Mel Disselkoen - Swarm Control and OTS Queen Rearing

12:00 – 1:30  Lunch Break & Vendors Open

1:30 – 2:15  Brian Walsh - Spotted Lantern Fly – IPM Tools

2:15 – 3:30  Landi Simone - Master Beekeeping Nucleus Strategies

3:30 – 4:45  George Datto - Demaree Method with the Nat Hive

4:45 – 5:00  Closing Remarks and Raffle

Cover Photo © Sarah Plonski
**Our Mission:**

The Philadelphia Beekeepers Guild works to encourage and promote urban beekeeping through fellowship and education, and to raise awareness of the importance of bees to our environment.

Provide **Education:**

- Annual Natural Beekeeping Symposium
- Beekeeping Classes
- Philadelphia Honey Festival

**Raise Awareness** through:

- Participation in community events

Encourage **Fellowship** at:

- Monthly Meetings
- Mentoring new beekeepers
- Summer Solstice Picnic
- Winter Solstice Gathering

Support pollinator health and sustainable beekeeping by:

- Developing a consistent supply of locally adapted nucleus hives for members
- Working with horticultural groups to plant trees that provide good forage for honeybees and native pollinators
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Glen Foerd is a Fairmount Park Property operated by Glen Foerd Conservation Corporation in cooperation with Philadelphia Parks and Recreation.

www.glenfoerd.org  5001 Grant Avenue, Phila, Pa  215-632-5330
Philadelphia Honey Festival

September 6, 7, 8 2019

The mission of the Philadelphia Honey Festival is to educate the public and increase awareness of the importance of bees to our environment, the impact of local honey on our economy, and to promote urban beekeeping and gardening for all.

The 3-day festival offers free family fun at three historic locations throughout the city. We will kick off our festival on Friday evening at Glen Foerd on the Delaware in NE Philly. Saturday, the Honey Festival continues at the Historic Wyck House and Garden in Germantown.

The 10th Annual Honey Festival concludes on Sunday at Bartram’s Garden in West Philadelphia. Details can be found at https://phillyhoneyfest.com

The Honey Festival offers the chance to experience open hive demonstrations, honey extractions, honey tastings and sales, a stunningly alive bee-bearding demonstration and a sweet lineup of children’s activities.

The Guild partners with Glen Foerd on the Delaware

Wyck House and Garden

Bartram’s Garden
Join Us!

Enjoy 25% off all memberships in 2019 with the code BEEGUILD

Visit: bartramsgarden.org/join-us

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www.philadelphiaibee.com
2019 Education Programs

Education Opportunities
Two Hour Introduction to Beekeeping @ Awbury Arboretum
Presented three times: April 6, June 8, October 5, 2019 from Noon-2pm
If you are thinking about starting a backyard beehive then this is a great overview class for you! Experienced and successful Guild Members will share their experiences as apiarists. They will review a beekeeper’s typical first year and share local resources available. The class is designed for beginners.
Registration and details will be posted on phillybeekeepers.org and awbury.org

Getting Started with Honey Bees - 3 Day Short Course @ St. James School
March 2, 2019
Day-long classroom instruction for new beekeepers on March 2, 2019
PLUS hands-on Field Days May 18 and July 20
Part 1: A six hour classroom experience covering: bee biology, equipment, hive set-up, where and how to obtain your first bees, and hive management.
Part 2: Three hours in the classroom / three hours hands-on in an apiary will cover recognizing common pests & disease and integrated pest management.
Part 3: Three hours in the classroom / three hours hands-on in an apiary will explain how to “Read” the frames, make management decisions including Splitting, Replacing Queens, and Winterizing your hives.
Register at Event brite

The Guild Full Season Mentorship Program
The Guild is launching a new year-long mentorship program. Attendees of the mentorship program will work with experienced guild members through an entire beekeeping season from starting a hive in the spring with a package, through build-up, swarm season, harvest, dearth, and preparing for winter.
Each attendee will maintain their own colony at the guild apiary. Overwintered colonies will be split in the spring of 2020 and attendees who successfully complete the course will receive a split to take home so they can start their own colony with their own equipment.
Fees for this course include bees, woodenware (for 2019), any feed or treatments needed during the course, and admission to all weekend workshops.

All you need is the protective clothing of your choice, a smoker and hive tool, and a willingness to learn.

The course starts on April 6 and will continue throughout the season and into the fall. Cost for this course is $300 and is limited to 10 attendees.

**Mentorship Program Meetings**

**April**
- 6th - Install packages. Mentees will install bees and feed.
- 13th - Work-day - feeding packages, confirming queen release, checking for laying, etc.

**After April**
- After initial hive setup further instruction will be provided through the workshop program. However, mentorship program participants will have unlimited access to their colony and Guild mentors will be available on most weekends and by appointment.

**Workshops:**

The guild is also launching a new series of weekend beekeeping workshops. These workshops will be open to the public and scheduled throughout the beekeeping season. These workshops are meant to be a supplement to and an extension of the Introduction to Beekeeping Short Course that we have offered for a number of years. Each workshop will be a half-day intensive focus on a specific aspect of beekeeping that is relevant to the season. All workshops will take place at the Guild’s Awbury Arboretum apiary.

**Workshop Pricing**

- **Member Pricing**
  - 9 workshop package- $180(save $45!)
  - 5 workshop package- $110(save $15!)
  - 1 workshop- $25(save nothing!)

- **Non Member Pricing**
  - $35 per workshop

**Workshop Schedule**

**April**
- 6th - Workshop: **How to hive a package.**
  (Open to the public)

**May**
- 4th - Workshop: **Your growing hive** - Keeping records, finding the queen, signs of swarming, when to stop feeding (Open to the public)
June
- 1st - Workshop: The thriving colony - Mite testing & treatment, swarming and spring splits, managing the brood nest (Open to the public)

July
- 13th - Workshop: Summer management - Harvesting and Extraction, evaluate colony health, testing for mites, treating for mites, split/combine decisions, what to do expect in the summer. (Open to the public)

August
- 17th - Workshop: Working through the dearth - evaluate nutritional needs, recognizing and managing robbing, feeding in the dearth (Open to the public)

September
- 21th - Workshop: Fall management - Handling strong colonies, evaluate fall conditions and planning for winter (Open to the public)

October
- 19th - Workshop: Winterization - putting them to bed for the winter, evaluating stores, supplemental feeding, quilt boards, wrapping, etc. (Open to the public)

November
- 16th - Workshop: Bounty of the hive - crafts with wax and hive products (Open to the public)

December
- 14th - Workshop: Final manipulations - oxalic treatments of the broodless colony, supplemental/emergency feeding, final inspections (Open to the public, weather permitting)

Guild Member Exclusive:
Guild Members have exclusive access to the Awbury Certified Honey Kitchen and Extractor on 6 different dates over the summer. Use of the kitchen is free, up to 30 frames of honey extracted when one pound of honey is donated to the Guild.

The kitchen will be open:
- Saturday, June 22 from 1pm-5pm
- Sundays from 10am-2p on the following dates: July 14, July 28, August 18, September 15 and September 22

Reservations for kitchen use and other details will be forthcoming and posted on the Guild website.
Mark Your Calendars

Save The Dates

2019 Guild Meetings And Events

All general meetings begin @7:00pm @ St. James School in East Falls, the 3rd Thursday of each month except as noted:

January 17
February 9 – Saturday, Symposium
March 21
April 18
May 16
June 22 – Saturday – Picnic 1pm-5pm

July 18
August 15
September 6, 7, 8 - Honey Festival Speakers
October 17
November 21
December 14 – Saturday - Pot Luck 1pm-5pm

Community Events:

The Guild participates in a wide range of community events related to food, science, agriculture, and just plain old fun.

FIND US AT THESE CITY WIDE EVENTS:

Philadelphia Science Festival
April 26 - May 4 with The Carnival on the Parkway Finale – May 4

Chestnut Hill Home and Garden Show
May 5

Saul High School Spring Fair 2019
May TBA

Wyck House-Celebration of the Roses
May TBA

MOM’s Organic Market-“Save the Dandelions”
June TBA

Bartram’s Garden-Beer and Boats Festival – June TBA

Glen Foerd on the Delaware
July TBA

Awbury Arboretum Harvest Festival
October 12

Other Events to be Announced

2019 – THE GUILD IS CURRENTLY LOOKING FOR VOLUNTEERS

- To be guest Instagrammers/Twitterers
- With web design skills to update and help maintain the website
- With media/marketing background to write press releases for events
- With general administrative skills to update contact lists, research media contacts
- With grant writing/application skills
Bees and Trees:

Building Partnerships with Local Horticulture Groups

The most important factor in the survival of honeybees and native pollinators is a robust and reliable food supply. And the most important sources of food for all pollinators is not flowers but trees. Unfortunately, the amount of forage providing nectar and pollen for the honey bee nationally is dwindling due to habitat loss and modern agricultural practices.

The Guild is embarking on work to educate its members and the public about which trees and shrubs are most important to pollinators. We are working to establish partnerships with existing public, private and non-profit groups who are already doing great work making Philadelphia a green tree city!

Everyone can help feed honeybees when they plant a tree! Choosing the right tree is the trick! There are pros and cons to all potential selections. Here are some considerations:

1. **Cost** - What are you capable of spending? Remember, Tree Philly provides FREE trees and some trees you can get from seeds and cuttings every year!

2. **Effect of Global Warming** - Will the tree you select grow well here 20 years from now? What trees from down south might do well here?

3. **Nectar and Pollen Production** - Not all trees and shrubs produce nectar/pollen honeybees like! And some trees do not need bees to pollinate them (the wind does it).

4. **Size** - Are you planning a street tree under electrical lines or a yard tree with no height restrictions? Shrubs are a great alternative in small spaces and backyards.

5. **Tree Maintenance** – Some trees generate more leaves and debris than others. What will you and your landscape support?

The guild is grateful for the participation of these groups in our Guild Brochure. Their respective websites hold a wealth of information.
What can you do?

Plant a tree! This list can be a starting point for your discussion with a landscaper. Complete detailed information is available on the Guild’s website. [http://phillybeekeepers.org](http://phillybeekeepers.org)

(Approximate bloom times and heights are listed.)

**Street Trees - Tall**
- Sugar Maple (Acer saccharum) April, 60-75’
- Tulip Poplar (Liriodendron tulipifera) May-June, 80-100+
- American Linden (Tilia americana) June, 60-80’
- Maackia (Maackia amurensis) September, 30-50’

**Street Trees - Short**
- Chokecherry (Prunus virginiana) April-May, 20-30’
- Eastern Redbud (Cercis canadensis) May, 20-30’
- Washington Hawthorn (Crataegus phaenopyrum) June, 25-30’

**Other Trees**
- American Hazelnut (Corylus americana) Feb-March, 15-20’
- Black Locust (Robinia pseudoacacia) May, 30-60’
- Bee Bee Tree (Tetradium daniellii) July, 25-40’
- Frankinia (Frankinia alatamaha) July, 10-20’
- Shining Sumac (Rhus copallinum) August, 20-30’

**Bushes**
- Highbush Blueberry (Vaccinium corymbosum) June, 5-10’
- Summerswet Clethra (Clethra alnifolia) July, 4-8’
- Buttonbush (Cephalanthus occidentalis) August, 3-6’
- New Jersey Tea bush (Ceanothus americanus) Sept, 3-4’

Did you know- planting a few bee friendly trees can be the equivalent of a large pollinator garden?
Can I keep bees at my Philly row home?
The short answer is YES! City Council declared Philadelphia a Bee Friendly city in 2016! You’ll want to learn the best practices on “how-to”, but it does not take a lot of room. Many folks have bees on their roofs. You need a sunny location, a space that’s about 4 feet by 4 feet to accommodate the hive and the beekeeper while tending to the bees, and a location with a natural barrier or fence so that when the bees leave the hive, they do not fly up and not straight out into a pedestrian way. The Philadelphia Guild can help with classes and networking opportunities to learn more.

What are Three Types of Bees in the Hive: the Queen, Workers, and Drones

The Queen:
- Will live normally between 1 and 4 years.
- Consumes royal jelly provided by the workers
- Has a non-barbed stinger
- Without a queen, the colony will eventually die
- Develops in 16 days, from egg to emergence from the queen cell.

The Workers:
- Worker are all females.
- Can number between 40-60,000 in a strong hive.
- Performs a multitude of tasks to include: Tending to the queen, feeding larvae, feeding drones, nectar ripening, producing heat, collecting water, house cleaning guard duty, field collection of pollen and nectar, to list a few.
- Will die if she stings. Has a barbed stinger that if left behind after stinging.
- Will live 6-8 weeks in the summer, working until her wings give out.
- Will live 4-6 months in winter when not actively working/foraging.
- Develops in 21 days from egg to emergence.

The Drones:
- Sole responsibility is fertilization.
- Leaves hive for 2-3 hours each day.
- Has no stinger
- If the workers stopped feeding them, they would die of starvation.
- Develops in 24 days from egg to hatching to emergence.

Frequently asked questions (FAQ)

Bee Culture
THE MAGAZINE OF AMERICAN BEEKEEPING
EVERYTHING AND ANYTHING FOR EVERY BEEKEEPER
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$25

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Honey Processing Equipment
Smokers, hive tools and much more.

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215-848-1690
www.wyck.org
Philadelphia Beekeepers Guild Committees

January 2019

ONE BENEFIT OF ACTIVE MEMBERSHIP:
Members who complete a minimum of 12 volunteer hours work with any committee will earn rights to one of the Guild’s Overwintered Nucs—if and when available in the spring/summer of each year.

Volunteer opportunities are available on all of the Guild committees below.

GUILD APIARY
Led by: James Romanchek

Committee Purpose:
• Develop the Apiary as a source of over-wintered stock bee packages for Guild members.
• Manage and support the satellite apiary at St. James School.

Members are needed to:
• Provide regular beekeeping activities throughout the season.

EDUCATION COMMITTEE
Led by: David Harrod, Sarah Plonski

Committee Purpose:
• Present the “Beginner Beekeeping Short Course”
• Present other classes and workshops according to demand and teaching resources

Members are needed to:
• Develop marketing media and implement marketing plans for all courses
• Present short course presentations/apiary discussions.
• Mentor new beekeepers and provide support for all education activities

HONEYFEST & PUBLIC EVENTS
Led by: Kathy May

Committee Purpose:
• Orchestrate the annual Honey Festival - the Guild’s premier public education event.
• Organize participation at various city wide events. (i.e.: Celebration of Roses, Science Festival,)
• Manage the collection, sales, and profit sharing of honey sales at Honey Fest and other events.

Members are needed to:
• Staff all events, organize honey consignments and merchandise sales
• Support honey and merchandise sales

SYMPOSIUM
Led by: Norris Childs

Committee Purpose:
• Organize and present the annual Philadelphia Beekeepers Beekeeping Symposium
• Identify and recruit speakers, book venue, manage ticket sales, promote the event

Members are needed to:
• Support all aspects of the symposium
Free Trees for Philly Yards

Philadelphia is transforming into the City of Arborly Love, one tree at a time! Thanks to TreePhilly, a program of Philadelphia Parks & Recreation and the Fairmount Park Conservancy, property owners can join the movement by picking up a free tree to plant in their yard this fall. Register online or over the phone and choose between a variety of trees, including fruit trees! Free mulch and planting and care demonstrations are available at each event.

Giveaways occur each spring and fall

Join our mailing list at TreePhilly.org or call us at 215-683-0217
Local Honey Bees
For Sale

NUCS with 2-3 DEEP FRAMES of solid brood
Beeing nurtured by Nurse Bees, THEIR MAMA,
And adequate food stores will simply XPLC
Once installed in your equipment
Nucs cost $180 each

AVAILABLE EARLY APRIL: Nucs in non-returnable cardboard boxes originating in central PA bounced to GA to harness the early honey flow, to be split down, & bounced back.

LOCAL 4 FRAME NUCS split from our OVERWINTERED STOCK:
Available as soon as the weather supports the re-emergence of a solid drone population. (likely late Spring / all Summer long)

Visit 911HONEY.COM for more info
To reserve NUCs, need not any $ now. Send your Vitals:
   Name, Phone #, email, and # of NUCS needed.
   Email: swarmbuster@911honey.com

FREE MONTHLY WORKSHOPS April - July @10am
• Informal workshops focus on The Bees Current Needs
• Learn how to split your hives; lessening the swarming impulse, reducing your Varroa mite count without lessening your honey yield, and assisting in becoming a self-sustaining beekeeper. Q&A encouraged!

True to Bee Pollen Patties For sale $4.00 per lb
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ASKS:
Early Spring Packages
This is 25th year working with package producers in same location—queen pedigree from overwintered feral colonies in PA and Michigan. Includes 3-lb workers and Italian queen.

Pickup is five miles from Valley Forge, Norristown, and Lansdale. Join us for a package installation demo at 2:00pm.

Packages@pabeekeeper.com

Honey Bee Nucs
Reserve your nuc now. Be sure to include email or phone so that we can call to arrange pickup. Location is five miles from Valley Forge, Norristown, and Lansdale. Email Nucs@pabeekeeper.com or download a reservation form at www.pabeekeeper.com.

Hands-On Beekeeping Class
Scheduled for six Sundays from February through July, maximum 25 students/class. The instructor is committed to presenting a knowledgeable & enjoyable, interactive, & intensely hands-on workshop. We encourage contact throughout the course for advice, help, or a sympathetic ear.
HandsOn@pabeekeeper.com
The Philadelphia Beekeepers Guild became a 501c3 - non profit entity in 2016. We will gratefully accept member and non-member tax deductible contributions to support our mission of educating and raising awareness of the importance of bees to our environment.

Amazon Smile
You can support the Guild when you shop on AmazonSmile! AmazonSmile is a simple and automatic way for you to support your favorite charitable organization every time you shop, at no cost to you. When you shop at smile.amazon.com, (NOTE: the different URL) Amazon will donate a portion of the purchase price to your favorite charitable organization. You can designate the Philadelphia Beekeepers Guild as your preferred charity. The AmazonSmile Foundation will donate 0.5% of the purchase price from your eligible AmazonSmile purchases.

Visit us at: www.phillybeekeepers.org
Contact us at: info@phillybeekeepers.org
Join us: For our Monthly Meetings
St. James School
3217 Clearfield St., 19132
7:00 PM the third Thursday of each month