President’s Message  
May 5, 2017

Well we sure have had a lot of changeable weather this spring giving our bees a lot to deal with. Here in the eastern part of the state a tremendously cold March with a quick April warm up only to dive back down and become quite wet. May has started on the wet and chilly side. This year has started out with quite a few dead outs leading into the spring. Hopefully our new packages and “nucs” develop well and give us good pollination and an abundant honey crop. Remember to keep your new colonies fed and check often to make sure the mite counts stay low. Ed Szymanski and his Norfolk County comrades are working to unlock some of the issues regarding the high colony losses we have been experiencing over the last few years. As Ed develops information over the next few months he will boil it down and give us a peak at the progress.

Your Legislative Committee and the Board of Directors have been working diligently addressing various issues across the state with action occurring all the way from the legislature to the local boards of health trying to regulate the keeping of honeybees. This assault from all sides can be quite daunting and if you have a desire to get involved please let me know. The Legislative Committee is tirelessly gathering all of the various bits of information from all sources, and I thank them for committing themselves to this most important endeavor. Keep an eye on the MBA website where all of our significant correspondence and positions are posted as well as any meetings and upcoming events. Remember MBA is always ready to assist any beekeeper with information, support and guidance with any issue arising.
The Franklin County Beekeeping Association (FCBA) is again sponsoring the Beekeepers “Field Day” at UMass in Amherst June 17, 2017. The Massachusetts Beekeepers Association (MBA) is very pleased to help out with event and lunch registration as well as anything asked of us from FCBA. This event is free to all and includes vendors, raffles and the dissemination of years of knowledge from the most experienced beekeepers in the area. During the picnic style lunch time you can talk with beekeepers from all over the New England region exposing you to the varied issues of the numerous micro climate zones. You must attend to experience such a wonderful time.

MBA’s board of directors is anxious to hear your feedback and will be attending June 17th. Please let us know if there is anything you might like addressed as we continually move forward planning our yearly events. We will be holding our fall meeting in western Mass this fall giving the folks out that way an opportunity to travel a little closer to home. You can read about it in the MBA fall newsletter later this summer. If you can help out with anything at MBA please speak up and join us.

Looking forward to speaking to everyone at “Field Day” at UMass!

Pete

Peter Delaney
What are we going to do about these Varroa mites?

Keeping our bees healthy can be a challenge. Providing good quality forage and avoiding pesticides and chemicals are major factors in honey bee health. Honey bees are also subject to a number of diseases and parasites. However, I think we all agree that the number one threat to honey bee health is the Varroa mite and its associated viruses.

A recent survey of Norfolk County Beekeepers members showed that many beekeepers are working with outdated techniques and attitudes toward mites and treatment. It is critical that beekeepers stay up to date on research and findings relative to mites and treatment. We need to reduce losses if keeping bees is to be sustainable. Over the last few years, the beekeeping community has come to a much better understanding of how Varroa mites and the viruses they vector operate.

Parasites and viruses, like other living organisms, will adapt in order to stay vital. In his recent series on mites in American Bee Journal, Randy Oliver points out that a study has shown that Deformed Wing Virus (DWV) has adapted to exploit the ability of bees to transport (vector) the virus into healthy beehives so they can thrive. And, he explains, both the mites and the viruses take advantage of two things as the afflicted colony dies – 1) drifting bees move from the dying colony and bring the mites into nearby colonies (yours or your neighbors’) and 2) neighboring colonies send robbers in to take food from a collapsing colony, where they pick up mites and viruses and bring them home.

It is important that beekeepers, especially those who choose to not treat their hives, understand this point - by allowing your colonies to collapse, you are endangering surrounding colonies. Colonies up to two miles away are put at risk by a collapsing colony. You could be killing not only your bees, but your neighbors’ bees as well.

So, the goal is to successfully manage the Varroa mites before the viruses damage the bees and spread to other colonies. Some techniques currently in use include:

-Keeping resistant strains of bees – those that manage mites by hygienic behavior, such as removal of infested brood, killing the mites directly, and other means;

-The use of Integrated Pest Management (IPM) tools such as screened bottom boards, drone comb removal, brood cycle breaks by splitting or queen isolation, combined with minimum usage of chemical controls;
Testing on a consistent basis and treating when needed. Testing is critical to understanding the mite situation in a colony – you can’t effectively manage what you don’t know and understand.

Continue testing after treatment to be sure levels stay low.

The bottom line is you need to be aware of your mite situation throughout the season. That means testing for mite loads on a consistent and regular basis, treating when needed, and re-testing after early treatments. Don’t assume that one treatment will take care of the mites for the year. Mites are multiplying throughout the active brood season. That means they are multiplying into the fall, and the fall bees really need to be healthy – they are the ones that have to make it through the winter.

Treating on a calendar basis has shown to be problematic. For example, this year, we tested monthly, and mite levels didn’t exceed the treatment threshold until September. If we had just treated on Aug. 1, as we were taught years ago, our mite loads would have been out of control by October. On the other hand, if you just treat on Sept. 15, and your mite populations had exploded in August, it may be too late. We need to observe, predict, and react before the situation gets out of hand. If you want to practice minimal treatment, you don’t have to treat if you know you don’t have to treat. Keep records; be aware of the health of your bees at all times.

A few things to consider:

- If you have bees that are mite resistant, they must still be monitored and treated when necessary. ----

- There are no mite-proof bees! We can work toward bees that don’t need to be treated, or at least treated minimally, but we are not there yet

- If you have bees that are not resistant, and you find that they require continual treatment, consider requeening with resistant or hygienic stock

- If your colonies collapse, they will likely infect other colonies in and around your apiary

Look for signs of disease when you inspect. Know the signs of serious mite and virus infestation – deformed wings, punctured brood cappings, headless pupae, short abdomens, and “greasy” black bees. If a colony gets to that point they must be treated aggressively if they are to survive.

If we practice all of this, we should have the situation pretty well under control, right? Well, there is great concern among responsible beekeepers that, even if they keep after mite levels, nearby collapsing colonies will migrate to
their healthy hives and bring in mites and viruses. This is a valid concern. Many beekeepers think that this has happened to them already. Horizontal transmission of viruses is a real threat, and one which is very hard to control.

Is the situation hopeless?

Well, here's an idea that I think shows great promise. Inspired by something I heard in a telephone conference I recently participated in, Norfolk County Beekeepers Association is undertaking an apiary mapping and community treatment project. With the guidance of a board member who has considerable GIS experience, we recently purchased a mapping software package called Maptitude and a premium survey package from Survey Monkey. NCBA members were asked to participate in this survey and provide details such as apiary address, number of hives, past winter survival rates, mite treatment information and more.

Some beekeepers are wary of disclosing their apiary locations, so we have promised the club that this information will not be shared outside of this project. Using the mapping software, we have plotted the location of all known apiaries in the county. Then, we drew 2 mile diameter circles connecting groups of apiaries. We call these Varroa Control Groups (VCG). Contact information for each beekeeper in a given VCG will be shared within the group. When a colony tests above threshold levels, the beekeeper will contact each beekeeper in his VCG and advise them to treat for mites at the same time. By maintaining low mite levels within these areas, it is likely that transmission of mites between neighboring apiaries can be minimized. If other counties in Massachusetts also adopt this practice, we have the opportunity to significantly improve honey bee survival in Massachusetts, and perhaps it can spread to other states as well.

If anyone is interested in starting a project like this in your county, feel free to email me at lunariafarm@outlook.com and I'll help you get started.

-Ed Szymanski
President, Norfolk County Beekeepers Association

References and suggested reading:

Randy Oliver, “The Varroa Problem” pt. 1 through 7, American Bee Journal, Nov. 2016 – May 2017

Meghan Milbath Ph.D., - “Your bees don’t have to die – how can we become treatment-free without killing our colonies?”, American Bee Journal, Dec. 2016

Below is a map which was created to provide a general idea of the distribution of the Mass Bee membership. While this is not a map of apiary locations, it can provide some insight into the concentration of beekeepers in certain areas.

This map shows the location of most (85%) of the Mass Bee members in New England. A few members are too distant to be shown on this scale; others had addresses that could not be matched to the map database without more research. Note that this map shows beekeepers and tells us nothing about how many hives are located where.

~ Mike Garvey, Essex County Beekeepers
Ag Day on the Hill 2017

On April 4th, Massachusetts Farm Bureau Hosted Ag Day on the Hill at the Massachusetts State House. Ag Day is an event that is designed to showcase agriculture from all over our state. Over 50 groups were in attendance representing their agricultural commodities, groups, and Agricultural Schools.

Mass Bee was well represented, with over 25 volunteers from Norfolk, and Worcester County. We were able to speak to Governor Baker, Lt. Gov. Polito, Senators, Representatives, Legislators, and many other State officials.

Our beekeepers fanned out all throughout the building with jars of honey in hand. The task was to encourage the legislators to support Rep. Dykema’s Bill, H.2113, and all of our beekeepers were met with warm welcomes. Ag Day is always one of the most popular days at the State House.

Thank you to the following groups for the Honey that was generously donated; Merrimack Valley Apiaries, Worcester, Essex, Berkshire, Franklin and Norfolk County Associations.

Thank You
Susan Robinson
Norfolk County Beekeepers Association
Spring 2017 Legislative Update

Representative Dykema’s bill, **Bill H.2113, An Act to Protect Massachusetts Pollinators**, is currently awaiting a hearing date assignment by the **Joint Committee on Environment, Natural Resources and Agriculture** (ENRA). H.2113 is supported by the Massachusetts Beekeepers Association, NOFA, the Sierra Club, the Toxics Action Center, Environment Massachusetts and the Audubon Society. This expanding coalition of public support coupled with the initial co-sponsorship of an unprecedented 135 legislators from both chambers and both sides of the aisle are encouraging developments. There are also three other pollinator related bills that have been assigned to ENRA that establish commissions to advise the legislature on potential legislation to promote pollinator habitat or forage. In each case, although the bills are pro-pollinator, the makeup of the commissions include only a small percentage of beekeepers. The bills are:

- **S.451, An Act to protect pollinator habitat.** – Senator Jason M. Lewis
- **H.457, An Act to promote pollinator forage.** – Representative Keiko Orrall
- **H.2926, An Act to protect pollinator habitat.** – Representative Mary Keefe

S.451 and H.2926 are essentially identical Senate and House versions of the same bill that were filed by their respective sponsors in collaboration with the Audubon Society. It also worth mentioning that Representative Keefe is a beekeeper and a member of the Worcester County Beekeepers Association. She is pro-pollinator and in touch with the issues that impact all beekeepers in the Commonwealth of Massachusetts.

Although these three bills bear watching because they could be potential candidates as amendments to H.2113, they have very little direct or immediate impact on pollinators. H.2113, on the other hand, seeks to limit the use of the neonicotinoid class of systemic pesticides to licensed pesticide applicators only. It also contains disclosure components that give consumers the information they need to opt out of purchasing seeds, plant material or pesticide application services where neonicotinoids are used. The states of Maryland and Connecticut have already passed similar legislation and other states are also considering it. And in the private sector, Walmart and True Value recently pledged to stop selling products containing neonicotinoids. Please help make sure this bill is heard as soon as possible by calling, emailing or meeting with your legislators in person and urging them to support H.2113 and to call on ENRA to hold a hearing on H.2113 as quickly as possible. This is a cause whose time has arrived.

- Clifford Youse, Plymouth County Beekeepers Association
An Act Protecting Massachusetts Pollinators 2017 (H.2113)

Massachusetts bees are dying at an alarming rate, and the state must act now.

- United States beekeepers have reported average hive losses of 30 percent or higher each year since 2006. This past year beekeepers lost an average of 44% of their colonies.
- From 2015-2016 Massachusetts beekeepers lost an average of 55.75 percent of their hives. These numbers are not sustainable.²
- The U.N. estimates that 40 percent of invertebrate pollinators, especially bees and butterflies, face extinction.³

Why should we care? No bees, no food.

- Honeybees are responsible for 1 in every 3 bites of food we eat.¹
- They are integral to the production of some of our most nutritious and delicious foods such as almonds, apples, cranberries and blueberries.
- Pollinators contribute more than $24 billion to the U.S. economy.⁵
- Between $235 billion and $577 billion worth of annual global food production relies on direct contributions by pollinators.⁶
- Massachusetts pollinators support the state agriculture industry, which produces approximately $492 million in agricultural products annually.⁷

Neonicotinoids contribute to pollinator decline.

- A growing body of research points to neonicotinoids (neonics), a class of insecticides, as a leading cause of bee decline.
- Neonics can kill bees outright and even low levels of these pesticides can cause serious harm by impairing bees' ability to learn, find their way back to their hive, collect food, reproduce and increase their susceptibility to diseases.⁹
- In 2014, the Task Force on Systemic Pesticides – a group of global, independent scientists studying the impact of pesticides – reviewed more than 1000 peer-reviewed studies and concluded that neonics are a key factor in bee declines and harm other essential organisms. The report also called for immediate regulatory action to restrict neonics.¹⁰

The presence of neonicotinoid pesticides is pervasive and use is widespread.

- Neonics are one of the most commonly used insecticides in the world.⁸
- They contaminate our water and our soil, persisting for months to even years in our environment.¹¹
- Consumers often overuse neonics. One study found that products approved for home and garden use may be applied at up to 120 times higher rates than what is approved for agricultural use.¹²

Massachusetts is in a position to fight back.

- More than 67 percent of the legislature is a co-sponsor of the bill and it has bi-partisan support.
- The bill would ensure that consumers could no longer purchase neonicotinoid pesticides. They would be available for sale only to certified applicators.
- Certified applicators would be limited in the time they could use them and the bill would set up parameters for education and training of licensed users.
- More than 150 businesses, states, municipalities, federal agencies and universities have taken steps to restrict neonicotinoids.
- The European Union placed a suspension on the most widely used neonics in 2013.¹⁴
- In November 2016, Health Canada proposed a ban on almost all uses of the neonicotinoid imidacloprid, saying it is seeping into Canadian waterways at levels that can harm insects and the ecosystem.¹⁵
- Lower-toxicity alternatives exist that can replace neonics for common uses.¹⁶

Take action: Urge the Massachusetts legislature to pass an act protecting Massachusetts pollinators

1. Email and/or call your legislator and urge them to support H.2113. Find your legislator and their contact info here: https://malegislature.gov/Search/FindMyLegislator
2. Testify in support of H.2113. A hearing date for the bill is yet to be announced.
3. Meet with your legislator in person and urge them to support H.2113.

For more information on the bill – and for more research on how neonics harm bees and other pollinators – please contact Tiffany Finck-Hayne, Food Futures Campaigner at Friends of the Earth at Tiffany.Hayne@foe.org

¹ http://www.beeinformed.org/api/v2/2016-2016-latest-newsletter/
³ http://www.mass.gov/eaa/document-library/white-papers/2015-brief/1505/20150501-deftl-deftl-white-paper-
⁴ http://www.mass.gov/eaa/document-library/white-papers/2015-brief/1505/20150501-deftl-deftl-white-paper-
⁵ http://www.mass.gov/eaa/document-library/white-papers/2015-brief/1505/20150501-deftl-deftl-white-paper-
⁶ http://www.mass.gov/eaa/document-library/white-papers/2015-brief/1505/20150501-deftl-deftl-white-paper-
⁷ http://www.mass.gov/eaa/document-library/white-papers/2015-brief/1505/20150501-deftl-deftl-white-paper-
⁸ http://www.mass.gov/eaa/document-library/white-papers/2015-brief/1505/20150501-deftl-deftl-white-paper-
⁹ http://www.mass.gov/eaa/document-library/white-papers/2015-brief/1505/20150501-deftl-deftl-white-paper-
¹⁰ http://www.mass.gov/eaa/document-library/white-papers/2015-brief/1505/20150501-deftl-deftl-white-paper-
¹¹ http://www.mass.gov/eaa/document-library/white-papers/2015-brief/1505/20150501-deftl-deftl-white-paper-
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¹³ http://www.mass.gov/eaa/document-library/white-papers/2015-brief/1505/20150501-deftl-deftl-white-paper-
¹⁴ http://www.mass.gov/eaa/document-library/white-papers/2015-brief/1505/20150501-deftl-deftl-white-paper-
¹⁵ http://www.mass.gov/eaa/document-library/white-papers/2015-brief/1505/20150501-deftl-deftl-white-paper-
¹⁶ http://www.mass.gov/eaa/document-library/white-papers/2015-brief/1505/20150501-deftl-deftl-white-paper-
Local Beekeeping Ordinance and Regulation Update

As many of you are aware there is a growing trend among local town, county and municipal governments to pass ordinances or regulations that limit, restrict or even forbid beekeeping. In fact, beekeeping has been forbidden in New Bedford since 1976. Recently there has been a lot of news coverage of beekeeping related controversies in the city of Cambridge that has resulted in their health department drafting beekeeping regulations. Boston, Somerville, and Watertown have already passed local legislation and Belmont is also contemplating legislation.

Our Recording Secretary, Alexandra Bartsch (Alix) has discussed this trend with State Chief Apiary Inspector Kim Skyrm and they are both very concerned about it, as we all should be, and they want to get the word out about it. According to Kim the town of Chester is considering regulation and Longmeadow had a special town meeting or hearing on May 10 about it.

Alix is attempting to keep track of the towns that are contemplating or already have ordinances or regulations. If any of you get wind of anything please let her know so that she can investigate it and update her master spreadsheet. She can be reached at secretary@massbee.org. Here is a snapshot of her findings thus far:

<table>
<thead>
<tr>
<th>Town</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Bedford</td>
<td>Outlawed beekeeping in 1976</td>
</tr>
<tr>
<td>Boston</td>
<td>Regulation in place</td>
</tr>
<tr>
<td>Somerville</td>
<td>Regulation in place</td>
</tr>
<tr>
<td>Watertown</td>
<td>Regulation in place</td>
</tr>
<tr>
<td>Cambridge</td>
<td>Considering Regulation, Draft Authored</td>
</tr>
<tr>
<td>Belmont</td>
<td>Considering Regulation Hearing held 02/15/2017</td>
</tr>
<tr>
<td>Worcester</td>
<td>Possibly Considering Regulation</td>
</tr>
<tr>
<td>Longmeadow</td>
<td>Possibly Considering Regulation</td>
</tr>
<tr>
<td>Chester</td>
<td>Possibly Considering Regulation</td>
</tr>
</tbody>
</table>

As a response to this trend, Mass Bee has drafted the following policy statement:

1. In general, the Massachusetts Beekeepers Association (“Mass Bee”) does not support local beekeeping regulations as they are onerous to beekeepers and managed honey bees; and

2. Mass Bee does support and encourage use of the Massachusetts Beekeepers Association Best Management Practices for the purpose of promoting responsible beekeeping and good neighborhood and community relations; and

3. Mass Bee supports and encourages consultation by local governments with the Massachusetts Beekeepers Association prior to promulgation of local regulations as furthering sensible outcomes.

The Mass Bee Best Practices document mentioned above is available at: Mass Bee Best Practices.

- Clifford Youse, Plymouth County Beekeepers Association
**SAVE THE DATE! Upcoming Events, Meetings & More**

*Saturday May 20th – “Spring Management” at the State Apiary UMass Amherst*
10am – 12pm at the UMass Agricultural Learning Center, 911 North Pleasant St, Amherst, MA, 01002  [http://www.mass.gov/eea/agencies/agr/farm-products/apiary/](http://www.mass.gov/eea/agencies/agr/farm-products/apiary/)

**Saturday June 3rd - 7th Annual Langstroth Bee Fest**
The Langstroth Bee Fest committee invites you to attend the seventh annual Bee Fest celebration. It will be held at the Second Congregational Church, 16 Court Square, Greenfield, MA, from 9:30 am to 12:30 pm on Saturday, June 3, 2017. Langstroth, former pastor at the church, is the “Father of American Beekeeping.” This is a family-friendly event with myriad activities for children including a Pollinator Parade, bee-inspired arts and crafts and a bee piñata. Adults will be treated to presentations by well-known keynote speaker, Kim Flottum, Editor, *Bee Culture* magazine, as well as short talks by top researchers and statewide beekeepers, all held inside a historic sanctuary. Second Church is celebrating its 200 anniversary this year and this is one of many community activities throughout the year. (see flyer on page 13)

*Saturday June 17th – Mass Bee Field Day at the State Apiary UMass Amherst – This is a NEW LOCATION.* 9am – 4pm  UMass Agricultural Learning Center, 911 North Pleasant St, Amherst, MA, 01002  This event is hosted by Franklin County Beekeepers Association. The UMASS AGRICULTURAL CENTER is a 70 acre “Living Classroom” located on the northeast corner of the UMASS Amherst campus. The facility features Livestock, Fruit and Vegetable Gardens, Turf Management, Pollination Gardens and Landscaping areas. It hosts the State’s (MDAR) and UMASS research Apiaries. Better Bee, Mann Lake, Brushy Mountain and other vendors will exhibit in the open area located adjacent to the main tent where everyone meets. Free Parking on site. Morning Coffee and a catered lunch will be available; please note that lunch must be pre-paid by June 12th at a cost of $10 per person. The theme of 2017 Field Day is *Healthy Bees through Management.* 45 minute presentation topics to include Mites, Nucs, Honey Production, Swarming, Feeding and Nutrition and many other interesting beekeeping subjects. There will be hives on site for field inspections. Check our web site to register for this event (available soon!)  [https://www.massbee.org/events/2017-field-day/](https://www.massbee.org/events/2017-field-day/) This is a free event!

*Veils & protective clothing are now required to enter the apiary (see below)*

**Sunday June 18th - Boston Area Beekeepers Association 7th Annual Tour de Hives**
This year, celebrate Father’s Day with the Tour de Hives! Tour de Hives is an annual bike tour organized by the Boston Area Beekeepers Association. Each year, the tour takes place in a different Boston neighborhood and this year, we’re taking on Jamaica Plain and Dorchester! At each stop along the route, attendees get up close and personal with a beekeeper and their bees.

Continued on next page
Sunday June 18th - 7th Annual Tour de Hives (continued): The tour is family-friendly and open to anyone who would like to spend the day doing something fun and active while learning about the local beekeeping community! The tour will be followed by a bring-your-own-brown-bag picnic lunch. As the tour gets closer, check out www.bostonbeekeepers.org for more information and registration. Read more about the Tour de Hives and how it got started here. Questions? Send an email to bostontourdehives@gmail.com.

*Saturday July 15th – “Hive Pests, Parasites and Pathogens” at the State Apiary UMass Amherst 10am – 12pm at the UMass Agricultural Learning Center, 911 North Pleasant St, Amherst, MA, 01002 http://www.mass.gov/eea/agencies/agr/farm-products/apiary/

July 31st – August 4th - EAS 2017 at the University of Delaware For more information visit http://www.easternapiculture.org/

Saturday August 12th – Board of Directors Meeting – TBA

*Saturday August 19th – “Fall Management” at the State Apiary UMass Amherst 10am – 12pm at the UMass Agricultural Learning Center, 911 North Pleasant St, Amherst, MA, 01002 http://www.mass.gov/eea/agencies/agr/farm-products/apiary/

*Saturday September 16th – “Winter Preparation” at the State Apiary UMass Amherst 10am – 12pm at the UMass Agricultural Learning Center, 911 North Pleasant St, Amherst, MA, 01002 http://www.mass.gov/eea/agencies/agr/farm-products/apiary/

Saturday September 30th – 2nd Annual Beekeepers’ Ball hosted by Barnstable County Beekeepers Association 4-9pm at the Cultural Center of Cape Cod, 307 Old Main Street, South Yarmouth MA Please contact Kim Concrpa for details at klconcr@msn.com

Saturday October 28th – Board of Directors Meeting – TBA

Saturday November 11th – Mass Bee Fall Meeting – TBA

If you have an event you would like listed, please contact correspondingsecretary@massbee.org

* Participants must bring protective clothing (i.e. bee suit and/or bee veil with long pants) and closed toed shoes as it will not be provided and is necessary before entering the apiary.
7th Annual Langstroth BEE FEST
NEW BEE SPACE GARDEN AWARDS
SATURDAY, JUNE 3, 2017 • 9:30am-12:30pm
SECOND CONGREGATIONAL CHURCH AT THE TOWN COMMON, GREENFIELD, MA

11:00 KIM FLOTUM
Editor, Bee Culture
Honeybee Expert
Keynote Presentation

FREE! BEE EVENTS ALL DAY

9:30-11:30 HONEY BEE TEA PARTY
Dress as a bee, flower or butterfly. Enjoy treats & face-painting. *FreeBEE* gift bags for kids too
Adults must stay with their children

10:30-12:00 LANGSTROTH LECTURES
For adults: bee health, bee history, bee habitats, CCD and more!

11:00 BEE PARADE
Walk through Farmer’s Market with kazooos! KIDS: wear your best bee outfit! Following parade, there will be birthday cake to celebrate Lorenzo Langstroth

11:00 FORMER GOVERNOR DEVAL PATRICK
(formerly a beekeeper) to present first Bee Space Awards

VISIT THE LANGSTROTH NOOK EXHIBIT
Learn about the life of Lorenzo Langstroth, the pastor of Second Church and inventor of the modern beehive in 1850

10:45 KAREN’S DANCE STUDIO
Children’s Performances

11:30 BEE PINATA
Take a selfie and later... help the treats spill out!

MAGPIE & MORE
Enjoy Magpie’s Honey Pie, and Farmers’ Market honey, flowers, local goodies and more!

WIN
A BASKET OR SILENT AUCTION
Bee items benefit Just Roots, SNAP and Heifer Project
Winners drawn 6/3/17

FREE PLANTS & SEEDS
to the first 100 to grow a Bee Garden

SEE LIVE BEES!
Visit the Franklin County Beekeepers Demonstration Hive

BEE CRAFTS & GAMES
Make crafts for kids (crown, wands & toys) and play a bee game!

SPELLING BEE
Friday, June 9 @ 6:30pm
at Second Church, hosted by Friends of The Greenfield Public Library
Mass Bee is now accepting online applications! This makes it easy to join & keep dues and information up to date using a credit card. The form can be accessed here: [https://www.massbee.org/membership/](https://www.massbee.org/membership/)

To have your notice included in the next Mass Bee newsletter, please contact the editor at: correspondingsecretary@massbee.org

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**Facebook:** [https://www.facebook.com/MassachusettsBeekeepers](https://www.facebook.com/MassachusettsBeekeepers)

**Massachusetts Beekeepers Association Online Application:**

[https://www.massbee.org/membership/](https://www.massbee.org/membership/)
Mass Bee Field Day will be held on Saturday, June 17th 2017 from 9am to 4pm at the new state apiary located on the campus of UMass Amherst. This will be an event not to be missed!

This apiary was just opened in June 2016, and it is used for education and research on issues related to honey bee health, pollination and hive management. Participants in workshops involving an open hive/live honeybees must bring protective clothing (i.e. bee suit and/or bee veil with long pants) and closed toed shoes as it will not be provided and is necessary before entering the apiary.

Details & registration are available here https://www.massbee.org/events/2017-field-day/

Updates & notices will be posted on the Mass Bee Facebook page https://www.facebook.com/MassachusettsBeekeepers/ and shared in our Facebook group https://www.facebook.com/groups/147828892482523/.

A mailable registration form is available below; you will soon be able to register on our web site. Please specify if you would like to order lunch; there is a $10 charge for each lunch to be included, and all lunch orders must be received by no later than Monday June 12th. Thank you!

Massachusetts Beekeepers Association
2017 Field Day Registration Form

NAME: ____________________________________________________________

ADDRESS: _______________________________________________________________________

EMAIL: ____________________________________________________________________________

PHONE: _____________________________________________________________________________

BEEKEEPING CLUB: _________________________________________________________________

How Many Guests: ___________ How Many Lunches: ___________ Amount Included: ___________

*LUNCH is an additional fee of $10 FEE PER PERSON: Payment must be received by June 12th 2017

Mail this completed form to: MBA Treasurer
(with check) PO BOX 234, Halifax MA 02338

OR REGISTER ONLINE AT OUR WEB SITE (available soon!): https://www.massbee.org/events/2017-field-day/
Massachusetts Beekeepers
Association Membership Application

Application Date: ____________________________
Check #: _______ Amount: _____________________
Membership Year: ____________________________
New: ___________ Renewal: _________________

All Memberships run from January 1st through December 31st in a given year.

NAME(S): __________________________________________________________________________

ORGANIZATION: ____________________________________________________________________

ANNUAL MEMBERSHIP TYPE: Individual $15.00 __________
Family $20.00 __________
Organization $25.00 __________

ADDRESS: __________________________________________________________________________
____________________________________________________________________________________

EMAIL #1: __________________________________________________________________________

EMAIL #2: __________________________________________________________________________

PHONE: ____________________________________________________________________________

County Beekeeping Association: _______________________________________________________

Completed applications along with payment made out to the “MBA” should be mailed to:

MBA Memberships
PO BOX 234, Halifax, MA 02338

Applications may also be emailed to treasurer@massbee.org

Or fill out the form online on our web site at https://www.massbee.org/membership/

Annual membership dues are subject to change; please check our web site for current information.