



Journal of the Eastern Apicultural Society of North America, Inc.

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Honey Bee Health Coalition

[VIEW THE NEW REPORT](#)

Master Beekeepers

THE ROLE MASTER
BOOKEEPERS PLAY IN OUR
COMMUNITIES

Community Buzz

STAYING CONNECTED AND
HAVING FUN



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WELCOME, From the Desk of the Chair

This last week has seen some very wild weather in NJ. The photo is of two of my hives after the Derecho. It is how I think a lot of us felt when we heard EAS 2020 had to be canceled. The EAS 2020 Planning Committee had put in strong work on the conference. Much appreciation to Maine.

I hope EAS is like my hives. They were strapped together. Due to strategic planning by previous boards, EAS will survive missing a conference just like my bees survived this storm. (Although some of them were not sure in which direction they should go.) My Beekeeping Calendar is based on getting the supers off, the honey extracted and my treatments on before I would leave for the conference. This year I am wondering where I will be.

We are still looking ahead to Massachusetts in 2021, the committee is anticipating visiting the Campus again, as soon as COVID-19 restrictions are lifted.

We are requesting at this time that you please keep your membership up to date. Eastern Apiculture Society is a 501(c)3 non-profit organization. Please consider donating online to the EAS Foundation for Honey Bee Research Fund.



Lou (Eloise) Naylor

Chairman of the Board



HONEY BEE HEALTH COALITION

Report

by Tammy Potter and Dewey M. Caron

Just as Eastern Apiculture Society has cancelled its summer conference because of the Covid-19 epidemic, the Honey Bee Health Coalition also needed to cancel our spring meeting until 2021. We have reconfigured our regular meetings so that we meet virtually via Zoom.

Tammy continues serving on the Steering Committee. Both of us work on the Hive Management working group. Our newest Hive Management activity is to develop a case study of several larger-scale beekeepers who manage Varroa mites without totally relying on amitraz. Because of concerns about mite resistance to amitraz, HBHC seeks to describe in this document how large-scale beekeepers are using integrated pest management (IPM) in their current apiaries and what they are doing as they look toward future management options without amitraz being available. Indoor warehousing of colonies following almond pollination and mite-tolerant queens are sure to be included. Currently our Keystone apprentice is gathering interview data to compile a report of what is being done. We want to reach commercial, and sideliner beekeeping audiences along with backyarders and would welcome any suggestions EAS might have regarding how they might like to receive such information.

A second ongoing Hive Management task force activity is to screen potential chemicals to identify a potential replacement chemical for amitraz. There is one final year remaining on the current funding. Laboratory access is not available just yet, but field testing this year can proceed. The USDA Beltsville, MD, lab will be one of the test sites. Dr. Steve Cook reports they will be permitted to do field studies with adjustments for social distancing (one person to vehicle, PPE protection while working colonies, spacing in field). The joint US/Canadian project is seeking funding to continue beyond this season.

The focus of our last virtual meeting on May 12 was a discussion of the impacts that Covid-19 epidemic

has had on Honey Bee Health Coalition stakeholders (beekeepers, crop industry representatives, government/academics, etc.). Some of the impacts affect all stakeholders, such as supply chain disruptions, travel restrictions, mercurial weather patterns, and budgets suddenly restricted.

However, some beekeeper-specific impacts identified in our working group conversations were as follows:

- There have been serious disruptions getting seasonal workers, especially the H2A visa holders from Central America, Eastern Europe and South Africa. Airplanes were chartered to bring workers from Nicaragua into Canada. Spring colony inspections were running behind without the foreign workers.
- Beekeeper-owned businesses have had to devise plans to educate their employees about the pandemic. Changes include having to send more vehicles to an apiary to maintain social (physical) spacing and housing arrangements for employees and their families.
- Beekeeper-owned businesses will need to consider how employees will socially distance themselves during honey harvest and extraction. Adaptations developed by meat and fruit packers might serve to guide honey house activities.
- Finding transport for bee colonies has been a challenge. Commercial beekeepers are having to pay higher fees since long-distance truckers have not been successful in finding return loads following transport of bees coming out of almonds and for upcoming movement of colonies to the upper mid-west for honey production.
- Commercial beekeepers who sell nucs and packages have had to create spacing protocols for customers to pick up of nucs, packages, and honey. Farm markets are still determining rules for vendors, including beekeepers selling locally sourced, artisanal products. Uncertainty and



"If the Covid-19 virus has taught us anything, it is that we will get through this together. The Honey Bee Health Coalition continues to work on behalf of EAS members, and it has a great number of "products" to assist in your beekeeping. "



inconsistency exist as seasonal markets begin to open. There is concern about the number of customers that will show up.

- On a positive note, interest in and sale of local honey has picked up.
- Supply chain disruptions have resulted in difficulty getting bee supplies from manufacturers particularly mite control chemicals and sugar. With people restricted from points-of-sale purchases at malls and bricks-and-mortar businesses, one post office manager has said that this spring shipping season is worse than Christmas season.
- Canadian beekeepers have reported difficulty getting queens from New Zealand, Australia and Chile with reductions in international flights. Earlier disruption to shipment of Hawaiian queens to the US was resolved, as was shipment of queens to Canada following a possible Africanized bee discovery in the California queen production region.

- For smaller scale beekeepers, the efforts to reach newbees with good information with cancellation of bee courses and club meetings, the lack of bee supplies, sugar hoarding, lack of alcohol for mite monitoring (switching to low-sudsing window washer fluid is an option) and delivery and distribution of beekeeping equipment, packages and nucs have been continuing issues.

If the Covid-19 virus has taught us anything, it is that we will get through this together. The Honey Bee Health Coalition continues to work on behalf of EAS members, and it has a great number of "products" to assist in your beekeeping. Consult our website <https://honeybeehealthcoalition.org> to access. As always, your suggestions are welcome on how we can continue to be of help.

MASTER BEEKEEPERS

Why are Master Beekeepers Important for Our Community?

by Jennifer A. Berry

Years ago, 2002 to be exact, the University of Georgia started the Georgia Master Beekeeper Program which has to date graduated over 40 into the ranks of Master Beekeeper. They are highly educated and the efforts of these beekeeping ambassadors have had an overreaching impact in our state and region. I can't imagine how many questions they have answered or how many beekeepers they have helped over the years. It's daunting to think of the amount of emails and phone calls that have been diverted from my office to these qualified beekeepers.

The Eastern Apicultural Society also has a Master Beekeeper Program, equal in difficulty as our program but with two major differences. Our program requires three additional things before becoming a Master beekeeper: certified and journeyman certificates, three years in training and public service credits.

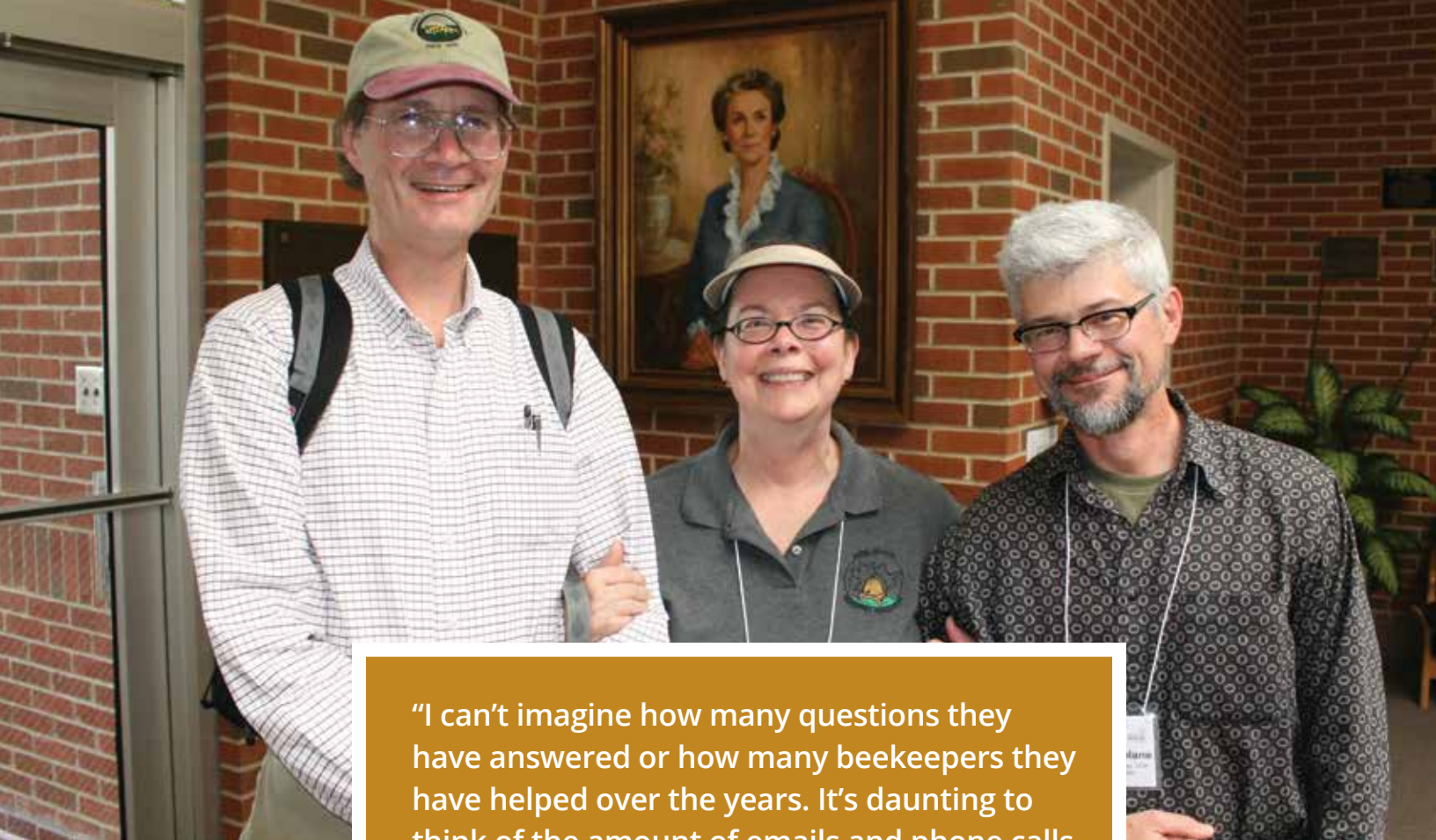
Why are Master Beekeepers important for our community? Because they take observation hives to schools to teach children about the importance of bees and other pollinators. Because they deliver presentations to Rotary and Garden clubs about how to protect bees in yards and gardens. Because they reach out to new beekeepers and help guide them through the tricky first years. Because they collect swarms from the sides of cars, planes, in trees and mailboxes. Because they talk to the press about how the hard work of honey bees help to provide the food that we eat. Why? Because they have become equipped with knowledge on how to best keep bees healthy and alive. Because they have a huge impact on disseminating information about bees, not only

to beekeepers but to the non-beekeeping public. So, who are these Masters? One of these magnificent bee ambassadors, who has been actively doing all the above for 15 years, is Cindy Hodges.

Over the years, Cindy has become one of my favorite friends and beekeepers. She was first introduced to me in 2007 at our annual Young Harris Beekeeping Institute. She was, as we all were once (and hopefully still are), an excited, giddy and enthusiastic new beekeeper. But what separated her in my mind was her willingness to help. She lent a hand at every turn, offering physical labor, photographic assistance, airport taxi service, overnight accommodations and lecturing at our Young Harris Beekeeping Institute. Since that time, I've watched Cindy move from the rank of beginner, to Journeyman, to Master (our program AND EAS too) and recently to Master Craftsman. With each new certificate she has gone above and beyond the call of duty; that is how Cindy works. She never wants to say no, and is always there to help our bees, our beekeepers, and our community, in any way she can. Let me tell you a bit more about Cindy, since I've enjoyed getting to know her over the years.

Cindy was born in Atlanta, Georgia and lived across the street from a school and summer campground which had a stable of horses. Occasionally, the horses would break loose and run across the street and into their yard to graze (guess the grass looked greener). Cindy would catch them and tell her Mom that they belonged to her. As always, her Mom would tell Cindy to return the horses to their proper owner. Begrudgingly, she obeyed, but first she would spend the day grooming and pretending she was a horse whisperer.

Cindy's first bee experience happened when she was around 7 years old. Her next-door neighbor had hives up in the woods along their property line. To Cindy they looked like nothing more than a bunch of white boxes until finally, one day, her curiosity got the best of her. Off she marched to investigate what they were. As she approached, she peeked about to make sure no one else was around. Next, she slowly lifted the top of the box and peered inside. She didn't see anything, but did hear a slow humming noise bubbling up from the darkness below. This quickly caught her attention



"I can't imagine how many questions they have answered or how many beekeepers they have helped over the years. It's daunting to think of the amount of emails and phone calls that have been diverted from my office to these qualified beekeepers."



TOP: Speaking at the Young Harris Beekeeping Institute each year.
BELOW: Salvaging packages damaged in shipping. Free bees!



Cindy receiving her Master Craftsman certification at the Young Harris Beekeeping Institute in 2017

and as the sound became louder, she dropped the lid and ran home to the safety of her mom's side. When she asked what could possibly be living in those boxes, her mother explained that Mrs. Ramsey, the neighbor, was a beekeeper and those were honey bees living inside the boxes. As Cindy looked back at the hives tucked in the woods, she decided to keep her distance, but not forever.

It wouldn't be until her youngest daughter started college that Cindy would find interest in bees. Becoming empty nesters, she wanted something that she and her husband, Mike, could do together. She had a small garden which housed an array of solitary bees, wasps and butterflies, but no honey bees. Then, one day she saw an ad for the Metro Atlanta Beekeeper's Short Course. Cindy was so excited, she immediately signed up herself and her not-so-excited husband. The course lasted the entire day, and at the end, her husband leaned over and groaned, "we're getting bees, aren't we?" She replied, "Oh yes!"

Cindy's first year as a beekeeper was similar to most, with exhilarating highs and heart-breaking lows. One day, while inspecting a hive, she saw the queen. Beyond thrilled, she wanted to show Mike, so she carefully carried the frame across the yard and into the house. Once inside, she couldn't find the queen. Somewhere between the hive and the kitchen the



queen had dropped off never to be seen again. Even though she was devastated, she gathered strength and through the sobs and tears, called to order a new queen.

As with some beekeepers, one colony just isn't enough. Two colonies become four, four become eight and so on. The same holds true for Cindy. In twelve years, her hobby grew into a small business with close to 100 colonies. Hodges Honey, as they named the business, sells locally produced nucs and honey with hives located in Dunwoody, Decatur, Dahlonega, and Auburn, Georgia. To date, Cindy has been a beekeeper



An educational booth at an annual butterfly festival.

for over 15 years and has decided to downsize just a bit. As most of us know, working bees eight hours a day can be exhausting and even though they have reduced numbers, they still enjoy beekeeping.

Cindy's other passion is education. She keenly reaches out to educate beekeepers about the importance of hive inspections and managing mites. As she once told me, "I have found that most beekeepers in my area think a YouTube education is all they need." This drives her (and me) crazy since there is so much BAD information circulating throughout the internet. So, out the front door she goes, armed with over a decade

of knowledge on how to train beekeepers to keep their bees alive. In addition, Cindy started a local club in her home town of Dunwoody, to continue to educate her neighbors as well.

Cindy is also a senior Welsh Honey Judge and has many awards from honey contests at the local, state, and international levels. She is also a prize-winning photographer and enjoys photographing bees at work. She has been interviewed on television, filmed for the PBS program, *Georgia Outdoors*, quoted in the *Atlanta Journal Constitution*, and has published articles in *Bee Craft* (UK) and *Bee Culture Magazine* (USA). Cindy is

the past president and an honorary lifetime member of the Metro Atlanta Beekeepers Association. While president, she developed and implemented the Junior Beekeeper program. She is a past board member of the Georgia Beekeepers Association and in 2012 she received the Georgia Beekeeper of the Year award.

Cindy is not only a two-time Master Beekeeper (Georgia Master Beekeeper and Eastern Apicultural Master Beekeeper) but in 2017 she became a Georgia Master Craftsman; which is no easy feat. The Master Craftsman certification represents the highest level of achievement in the Georgia Master Beekeeper program. Individuals achieving this rank have distinguished themselves as extraordinary practitioners of the craft of beekeeping, as well as credible spokespeople on the scientific approach to solving beekeeping problems. To achieve this level, individuals must be involved in a university-supervised research project, sit for a rigorous oral exam with PhD-level examiners, and exhibit a broad range of practical and theoretical knowledge on all aspects of bees and beekeeping.

Cindy's research consisted of a 13-month labor of love project spread out across four different apiaries. The purpose of the study was to determine ways to encourage bees to collect more propolis. Numerous researches have shown that propolis is beneficial for bees, and over the centuries, beekeepers have

bred that behavioral trait out of many stocks. Guess folks didn't like getting their hands sticky. but there's a reason for this stickiness. If you are interested in reading her research, it has been published in the November, 2018 issue of the Journal of Economic Entomology. "Textured Hive Interiors Increase Honey Bee (Hymenoptera: Apidae) Propolis-Hoarding Behavior".

Again, I ask, why are Master Beekeepers important for our community? It's pretty obvious to me, they are trained beekeeping veterans, the first responders, the helpers and the educators. I'm very thankful that Cindy signed up for that bee class, and I'm glad Mike was willing to see their backyard transform into an apiary. I'm also happy Cindy is willing to educate beekeepers and the public alike. Her wiliness has made my job easier and helped out countless people. Our bees, our flowers and our beekeepers are all better for it! Thank you, Cindy!

If you haven't already, I encourage you to look into becoming a Master Beekeeper and help save a bee!

Take care of you and your bees!

Hives established and maintained on the roof of the Hyatt Regency in downtown Atlanta.





For Our Master Beekeeper Candidates

This crazy year has certainly thrown a wrench into the plans of many of us, and that includes those of you who were planning to take the EAS Master Beekeeper exam this year in Maine. While we can't make COVID-19 just disappear (Oh, would that we could!), be reassured that it will not affect your certification ambitions in any way other than to delay the process by a year.

Everyone who applied to take the exam earlier this year and was accepted as a new candidate will still be a candidate next year. All you will need to do is to notify us that you still intend to take the exam.

Those of you who are candidates "in process" from past years, i.e., have been accepted as candidates but have not yet passed all four of the qualifying examinations, you need not worry about the five year rule, which says that candidates have a five year time span in which to successfully pass all four exams. As far as you are concerned, 2020 never happened. We will not count a year in which there was no conference against you.

So breathe easy, in every way! Take care of yourselves, of your families, and your bees. And keep both your pencils and your beekeeping skills nice and sharp for 2021!



Landi Simone
Master Beekeeper Certification Committee Chair



FEATURED ARTICLES

Minding My Own Beeswax... with a Little Help from My Friends

By Hope Johnson

As far back as I can remember, I have made art; both of my parents were art teachers and they were strong supporters of the unconditional acceptance of children's natural artistic expression. Their pragmatism, too, helped me gain confidence to create. As a child, when I saw something I wanted in the store or on TV, my parents would ask two questions: first "Do you really need it?" and, if so, "Is it something you could make yourself?" I gratefully credit them with guiding my first steps on my creative life's path.

When I was about six years old, one of the skills I learned from my mother was how to sew by hand and it was around then that I joined her and my Dad working in the garden. This is when I observed and learned that things, both natural and manmade, were made up of patterns and I could take what I saw to create things with new patterns. I was especially inspired by flowers and insects, and spent many hours drawing them.

I started quilting in my twenties, making the obligatory wedding and baby quilts to be given away to friends and family. My father, seeing me working for months on these quilts, remarked, "Why don't you make a quilt for yourself?" So, in 1985, I started down my own design road with an original quilt pattern inspired by the geometry of the beehive and piecing hexagons into a honeycomb pattern. I studied engravings of bees in A.I. Root's *The ABC and XYZ of Bee Culture* so I could accurately represent their proportions and characteristics in my appliques of the honey bees. Twenty five years later, in 2009, I finished and entered my first bee quilt, "Honey, I'm Home", in the

Vermont Quilt Festival (VQF), and to my surprise, it won the Governor's Award for Best Vermont Quilt. More importantly, this quilt that I had made for myself also struck a chord with beekeepers, gardeners and quilters alike.

In my next bee quilt, "Hive in Winter", a large snowflake fractal pattern is formed of clusters of honey bees and flowers. In the design, I tried to represent the shared hexagonal geometry of the beehive, the snowflake and the daylily. In 2010, a VQF judge liked this one, too, and so did Bill Mares who was Vermont Beekeepers Association (VBA) President at the time and he suggested I show and vend my work at the 2012 Eastern Apicultural Society (EAS) conference in Burlington the following summer. I was gratified and delighted with the beekeepers' interest and reaction to my work and my introduction to the world of beekeeping was fascinating and inspirational.

This is when beekeepers unwittingly became my creative partners by informing my work with their appreciation, sensitivity and opinions. At the next EAS conference in Pennsylvania, I showed my third bee quilt, "Hive in Summer", which has an overall flower



pattern with the queen in the center surrounded by a ring of patterned hexagons. A beekeeper studying the quilt commented that the effect of the patterned hexagon arrangement made

her think of a crown. For my next bee quilt I ran with the idea of the queen and her crown. I studied the design of Queen Elizabeth's coronation crown and made "God Save the Queen" where the queen bee is surrounded by nurse bees inside a purple and gold crown with gemstones and pearls. A judge at VQF liked this quilt, too, as did two beekeeping friends who bought the quilt to display at their local beekeepers' association meetings.

At the 2013 EAS conference, I was invited by Tammy Horn Potter, Kentucky Sate Apiarist at the time, to teach quilting classes and speak at the 2014 EAS Conference in Kentucky. In one of my classes, I met Dr. Diana Sammatoro, a retired bee researcher and quilter. I told her about the idea of collaborating on a world community quilt to raise awareness and funds for honey bee research in light of the current issue of reduced bee populations. Diana, a veteran Peace Corp. volunteer, suggested that a better recipient of funds would be Bees for Development (BfD), a non-profit that provides education and training in sustainable beekeeping to poor residents of developing countries thereby promoting biodiversity, food security, and access to markets. She and I decided to combine forces of our quilt guilds in Vermont and Arizona and made sunflower blocks for a quilt I designed specifically for BfD, the "Bees for Development Sunflower Quilt". I was elated when, at the 2015 EAS Conference in Ontario, Canada, the quilt was sold to two beekeepers from Rhode Island, raising \$2,700.00 earmarked for BfD's beekeeping center in Ethiopia.

Once again, in 2016, I was inspired by a Vermont beekeeper for my next bee quilt. At a local bee themed event, "Bee Here Now" at Shelburne Orchards, I heard Mike Willard, then president of the VBA, give a talk on the honey bee's "waggle dance". His lecture inspired me to make a "Waggle Dance Quilt" where I represented the triangulation of the sun, hive and

"I was elated when, at the 2015 EAS Conference in Ontario, Canada, the quilt was sold to two beekeepers from Rhode Island, raising \$2,700.00 earmarked for BfD's beekeeping center in Ethiopia."

forage source with honey bees aligned in their figure eight dance steps. At the VQF that year, it received a special judge's "Just Bee Cause" award.

I also follow creative leads from beekeepers in

making items other than quilts. I made an appliqued honey bee worker denim jacket sample and when VT beekeeper Janice Girard asked if I was selling them, I figured there would be other beekeepers, too, who may like one. So, for the 2016 EAS Conference in New Jersey, I sewed a "white-on-white" honey bee applique on a white beekeeper's jacket and donated the piece to the live auction. A beekeeper from Maine won the jacket and then ordered another one for his wife -with the queen bee, of course! Maine beekeeper, Erin McGregor, who wanted to customize her next honey bee jacket, asked if I could design a Carniolan queen appliqué. I am delighted to have the opportunity to expand my design skills as well as learn about the diversity of honey bee biology and culture.

Diana and I continued to collaborate on making auction quilts such as "Reversible Bee Quilt" (EAS 2017) and "Bee Squared" (EAS 2018). For the reversible quilt, we each pieced a top for the front and back of the quilt and I quilted it overall with my own bee design; the quilt sold for \$750.00. "Bee Squared" was pieced using material from Diana's extensive bee fabric collection and quilted using a long arm machine by one of my quilting buddies, Andre Emmell. This time, \$990.00 was raised by the sale of the quilt. For EAS 2019 in North Carolina, I donated the "Mini Hex Bee" quilt which was pieced entirely by hand with 5/8th inch-sided hexagons and garnered \$350.00. I had used a larger version of the same design for "Hex Bee" where the hexagons formed a large honey bee appliqué on a patterned background. I had it signed by attending beekeepers at EAS Conference in Kentucky and donated it to their live auction.

QUILT TITLES (top left corner going clockwise): Minding My Own Beeswax, Mono Hex Bee, Hive In Summer, Waggle Dance, Honey I'm Home, BfDQ Sunflower, God Save the Queen, Hex Bee



At the 2013 EAS Conference in PA, bee researcher Mark L. Winston was visibly moved by the “Mind Your Own Beeswax” quilt and asked to interview me for a book he was writing on bee keeping and culture, *“Bee Time”* (Harvard University Press, 2014, pgs.235-236). What follows is from an interview with Mark for Chapter 11, “Lessons from the Hive”:

“The honeycomb architecture is an elegant example of natural geometric hexagonal tiling. The challenge for me is to render the macro (whole picture) and the micro (details) in a design that has overall beauty and compositional integrity. The example set by the bees of effort and persistence is an awesome accomplishment of industry, cooperation, and instinct that keeps me encouraged and focused on my work...As a result of creating with bee imagery, I have developed connection and community, as well as artistic purpose and gratitude. They are a constant source of wonder and kindling for the imagination”.

Connection and community were on my mind when I designed “The Bees’ Needs” quilt in 2018 to express the ecological interdependence that we all share in our natural world. The bees’ needs are our own: clean water, nutritious food, and safe shelter in a community of mutual support. The quilt was awarded a special

judge’s ribbon for “Best Social Awareness Quilt” at the VQF the same year. And, in 2019, ten years after the award for “Honey, I’m Home”, my most recent bee quilt, “Kind of Blue” won the same award! I am currently working on my next bee quilt, “Bee Flower”, in which I am exploring the use of 3-D fabric relief techniques such as cording and trapunto.



QUILT TITLE: Bee Squared



A View From the Honey Show Bench

George H. Wilson III, EAS Honey Show Chair



The view from here is quite mixed. As all coins have two sides, I have two different perspectives.

First, I must note the passing of Ann Harman, one of the leading lights of the Honey Show world. Her contributions will remain for decades! Her uncompromising judging standards and insistence that each exhibit be worthy of the ribbon awarded are fine examples. As mutual residents of Virginia, I was a personal benefactor of her willingness to share her encyclopedic knowledge of Honey Show production while enjoying an occasional meal together. I could always count on Ann to be part of the judging team at the EAS Honey Show. She will be greatly missed and long remembered.

Over the past few years, there has been an ever-growing interest in excellence of artisanal honey and hive products. Sadly, sharing knowledge this year has had to be postponed or cancelled at any number of local training venues, bee club meetings, state meetings, and, of course, the annual EAS conference.

Many have resorted to on-line options which are becoming more sophisticated every day. Hooray! Sadly, there is no substitute for the spontaneity and interaction of personal gatherings.

On the brighter side, our EAS Chair, Lou Naylor, re-installed the EAS Honey Show Advisory Committee last fall. The committee has members from geographically diverse areas, including the northeast, central, and southern states, with over 150 years combined Honey Show experience. During the winter, we met weekly to focus on Honey Show Rules and consider Honey Show issues before the EAS Board of Directors. Honey Show Rule changes were carefully considered to enhance a shared understanding of EAS judging guidelines, ensure competitive fairness, and attractiveness of the EAS Honey Show display. These changes are worthy of your attention and are listed at the end of this article.

The EAS Honey Show Advisory Committee carefully considered several other issues proposed to the EAS Executive Committee and reported our findings to Lou

Naylor. Proposals considered included the adoption of an "American Honey Show Judges Association" for selection of future EAS Honey Show Judges, the addition of a mandatory donation of black jar entries to be made into mead, and the establishment of cash awards for the winners of Best in Show and Sweepstakes. While there were many good and generous aspects to each proposal, none were endorsed entirely, as submitted. The committee suggested modifications that keep elements of each proposal and make them more practicable to incorporate into the EAS Honey Show.

Many of you are familiar with me, Mike Palmer, Bob Wellemeyer, and Karla Eisen as we have all been involved in EAS Honey Shows for some time. Lou Naylor also appointed Jennifer Holmes, Christine Delaney, and the Maine EAS 2020 Honey Show Chairman, Chris Rogers. All are quite well known and respected, regionally. Jennifer currently serves as President of the Florida Beekeepers Association and is an experienced Honey Judge in both the

Welsh and American Honey Show judging systems. Christine Delaney, of Massachusetts, has been the Superintendent of the famous Topsfield Fair Honey Show for a great number of years and will be our Mass. EAS Honey Show Chair, next year (2021). Chris Rogers, from Maine, has been our Maine EAS Honey Show Chairman, this year. As an EAS Master Beekeeper, educator, and Honey and Hive Product dealer he takes a back seat to no one! He came to the party without Honey Show experience but is such a can-do person that he was well on his way to producing this year's EAS Honey Show when the conference was cancelled.

One of the weaknesses of the EAS Honey Show has been the lack of institutional knowledge regarding the production of the show. Thus, each new Host State or Conference Honey Show Chair has had to draw on knowledge of the Chair who came before them or to reinvent the wheel the best they are able, while abiding by the EAS Honey Show Rules, as currently published. Thus, the EAS Honey Show Advisory Committee has been tasked with the compilation of a suggested schedule and procedural guidelines for future EAS Honey Shows. We plan to focus on this project this coming winter.

Honey Show Rule changes, listed on the following pages, reflect in **BOLD** type the rationale behind each change. The actual changes for each rule are highlighted in yellow.



EAS 2020 Honey Show Rule Changes

Submitted by EAS Honey Show Advisory Committee 3/23/2020

The changes in this table were approved by the EAS BOD in March of 2019 to be implemented for the 2020 Honey Show

Beeswax Show Class Description -

B4 Candles, novelty, single or coordinated set, containing pure beeswax (with no color or embellishment permitted)

Arts and Crafts Class Descriptions -

A3 Novelty beeswax with additives embellishment and color permitted

1) Class H10 (Black Jar) Change

Changes reflect consistency of entry container requirements with the rest of the extracted honey class. H 10 Class entries will not be eligible for Sweepstakes or Best of Show Awards. Rule and description to read:

*H10 One opaque 1 lb. glass jar of extracted honey of any color.

Entries in classes H1-H3 and H10 marked * must be in glass queen-line type or Gamber Classic jars and may have plain metal or plastic lids. Canadian and International exhibitors may enter Classes H1-H3 and H10 with glass 500 gram universal jars. Class H10 Exhibitor will provide his or her own opaque container

2) Class H5 (Sections) adjustment

Changes reflect clarity of what type of sections are eligible for class

H5 Three wooden section boxes of comb honey

3) Class H9 (Display Frame) adjustment

Includes changes voted on in 2019 to use only wax foundation. "New" undoing of a 2019-approved change allowing wired frames (this is a frame in the comb honey class so unwired only), add a wooden frame & access to frame

H9 One frame of comb honey, any size, wooden or plastic frame

Entries in class H9 must be displayed in bee-proof cases having the front and back sides made of transparent glass or plastic. Entries in class H9 must be a frame suitable for comb honey OR a frame suitable for extraction (with wired foundation and/or cross wired). No plastic foundation is permitted. Frame must be accessible to judges.

4) Addition of two provisional classes and judging criteria on Short Videos

Add 2 new provisional classes for the 2020 Honey Show. Classes considered provisional for up to 3 years and reassessed for permanent addition. Class entries not included in Sweepstakes or Best of Show Awards

V. Short Videos

V1. 90 second artistic video

V2. 120 second educational-informative video

1. Entries in classes V1 and V2 must be related to beekeeping or honeybees.
2. Entries in V1 and V2 must be submitted on a non-returnable data thumb drive or data stick.
3. Videos must not have text or identifying marks visible at time of entry.
4. Videos must be MP4 format, in landscape.
5. For purposes of display text may be added to the bottom of the video during the show. (Entrant name and ribbon winners)

Judging criteria

Classes V1 & V2 MAX POINTS

Subject (30 points)

Relationship to beekeeping or honey bees (10 pts), Interesting subject matter (15 pts), Storytelling quality (5 pts)

Composition (30 points)

Transitions (10 pts), Smoothness of movement (10 pts), Sound/Narrations/Music (10 pts)

Technique (30 points)

Exposure & contrast: Full tonal range, light to dark (10 pts), Sharpness: Focus and Clarity (10 pts), Color & Tones: Attractiveness of color or B&W tones (10 pts)

Time Requirement (10 points) Points deducted for videos under or over the time allocated

5) Photography

Change photography to require a mat (note that 2019 changes were either mat or mounted- change to P1, P2, and P3 classes are to be matted)

Prints must be 5" x 7" inches or larger. Class P1, P2, P3 are to be mounted on a mounting board and-or beneath a photo mat that extends at least one inch beyond the print on each side. No glass frames are permitted. Class P4, Essay prints, may be mounted on one mounting board and not matted.

6) Photography judging criteria

Change photography class judging criteria. Recommendations developed by experienced EAS photography show judges, one of whom is a professional photographer, and tested for two years at established honey show in Maryland. Detailed explanation of judging criteria terms will be provided in forthcoming EAS judging guidelines.

Subject (30)

Relationship to beekeeping (no points for non-Apis) (10); Interesting choice of subject (15); Story-telling quality (5)

Composition (25)

Placement of subject to draw the eye to the most important point

Technique (30)

Exposure & Contrast: full tonal range, light to dark (10), Sharpness: focus, and graininess or pixilation (10), Color & Tones: Attractiveness of colors or B&W tones (10)

Presentation (15)

Matting: Quality and appropriateness (15)

7) Honey Show Opening Times

Entry times established for the Honey Show for EAS 2020, Maine with an additional Tuesday morning time slot.

Entries shall be registered at the EAS Honey Show in the Collins Center for the Arts, University of Maine 3rd floor on Tuesday from 8-10 AM also 2:30-4:30 PM and on Wednesday from 8:00-11:00 AM.

8) Sweepstakes Award

Class H10 Black Jar and Class V1 and V2 are not counted towards the Sweepstakes Award.

Sweepstakes Prize Ribbon Points

1st Blue 10

2nd Red 6

9) Best in Show Award

Class H10 Black Jar and Class V1 and V2 are not eligible for the Best of Show Award.

10) Add Ross Round Award

The 1st place winner of Class H6 - Round Section will receive a \$100 Ross Rounds Gift Certificate. The 1st place winners in Class H5 (wooden sections) and H7 (cut comb) will receive a Ross Rounds Gift Certificate for a Ross Rounds Kit (10 frame or 8 frame) which includes the custom super, Ross Rounds frames, rings for the frames, follower board and springs.

11) Liberty Enterprises Award Proposal

Recommend addition of Liberty Enterprises Award

Two awards, one to the Sweepstakes winner and one to the Best in Show winner, the EAS conference registration fee. Preferably the following year EAS conference registration fee will be credited. If the winner is not planning to attend the next year EAS conference, this current year conference fee will be refunded OR the winner may choose to donate the value of the award to the EAS Honey Show. To receive award for conference fee credit, the awardee must have paid their conference registration fee. No exhibitor will receive a refund totaling more than the registration fee paid. Limited to one award per person in the case of one person receiving both Sweepstakes and Best in Show.

12) EAS Black Jar Mead Proposal

The Black Jar Mead proposal is supported by the EAS Honey Show Advisory Committee as an optional activity distinctly separate from the EAS honey show and not incorporated as a requirement of the EAS Honey Show rules and awards. The activity can be organized in years when an interested person is inspired and willing to lead the activity. Person(s) organizing a Black Jar Mead activity will need to coordinate with the EAS President and the EAS (State) Honey Show Chair. The EAS (State) Honey Show Chair should be supportive of incorporating a process to allow entrants to choose to voluntarily donate their black jar entries; for example, by adding a check box to the entry forms. It will be the responsibility of the organizer of the Black Jar Mead activity to have information about what the activity is all about at the honey show entry table.

The Blue Ribbon first place winning Black Jar entry will be reserved for the EAS auction, if the entrant agrees to voluntarily donate it.

We recommend that the Black Jar Mead activity organizer consider the entrants who donated their Black Jar entry by offering a Mead tasting with one of the bottles produced, or something of that nature at the following year of EAS.



Charles Divelbiss Award

By Carol Cottrill

Educating the non-beekeeping public about the honey bee and its importance to mankind has been at the forefront of Barry Thompson's life since he began beekeeping some sixty-five years ago. Beginning with his observation hive in high school and participation in public outreach as a teenage member of the county and state beekeeper's associations, he moved forward to colonies maintained in college - on the roof of the science building, then many years of hobby beekeeping that naturally developed into a long-running sideline business. Through all of this, he has been a constant and enthusiastic ambassador for the honey bee.

For ten years, he took visual aids and an observation colony to support the third grade pollination module in the county's public school system, usually for 16-20 classes

each year. Special challenges were offered at some of the private language immersion schools; German he could use with some ease, yet at a different school, unbeknownst to him, was an entire class conducted in Chinese. A translator was required for that one.

Barry has given presentations frequently at area garden clubs, Rotary Clubs, and various church groups. He has done several booth setups and open forums for Earth Day celebrations, and three for annual regional Girl Scout Career Day. Cub Scout pack meeting presentations, involving both youngsters and families, have been a lively and receptive audience. Barry has spoken at a local Recreation Center for a culturally diverse audience that provided many challenging, yet thoughtful questions. A program at a DAR meeting last year, to a group especially

As a private citizen of Maryland, Barry Thompson successfully petitioned then Gov. Martin O'Malley to join with the governors of 20+ states in proclaiming National Pollinator Week in June, 2007.



interested in pollination, elicited their renewed interest in providing pollination garden opportunities.

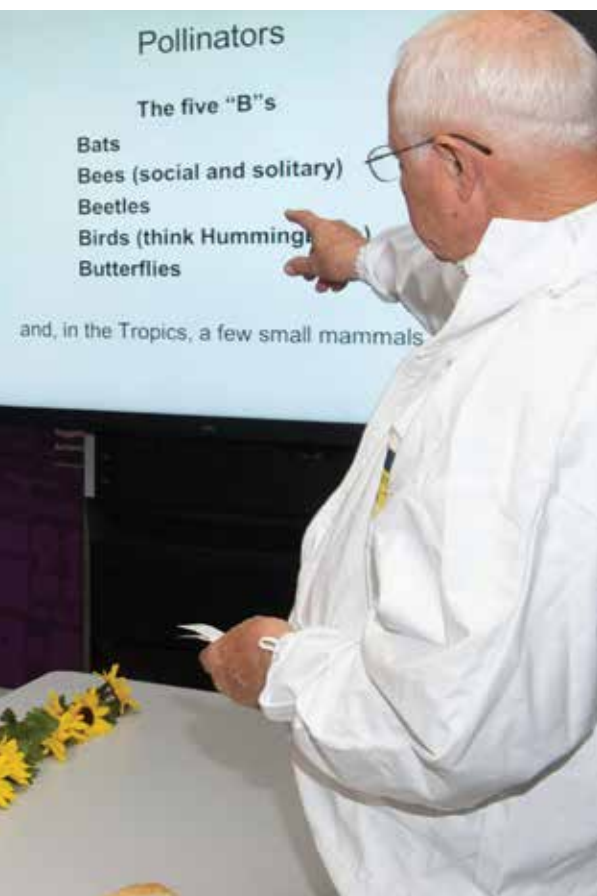
At EAS conferences he has developed and presented programs for local audiences, comprised largely of families. Other recent programs have been conducted at church summer Sunday School sessions, a condo association meeting, and lunch meetings of senior citizens. For Jewish celebrations of traditions around holidays such as Rosh Hashanah, he has given some half a dozen programs, reiterating the importance of the honey bee and its honey in the symbolic celebration.

He has been active in the North American Pollinator Protection Campaign [NAPPC] since 2002, attending annual conferences as an advocate for the beekeeping community, thereby helping to increase awareness of the importance of honey bees to such organizations/agencies as the World Wildlife Federation, the Nature Conservancy, and the U.S. Bureau of Land Management.

In 2006, he represented state beekeepers at then Gov. Bob Ehrlich's Agricultural Forum, the first time that a beekeeper was invited to present concerns of the industry, present and future, to representatives of other segments of the state's agriculture.

As a private citizen of Maryland, he successfully petitioned then Gov. Martin O'Malley to join with the governors of 20+ states in proclaiming National Pollinator Week in June, 2007. During that week, he was an exhibitor at Potomac Oak Ecology Day, addressing the public on honey bee issues.

For five years, Barry configured the annual exhibit of the Montgomery County Beekeepers Association at the week-long county fair. His latest project is establishing and maintaining bee colonies at the Glenstone Museum in support of the museum's commitment to provide a rich pollinator- friendly environment.



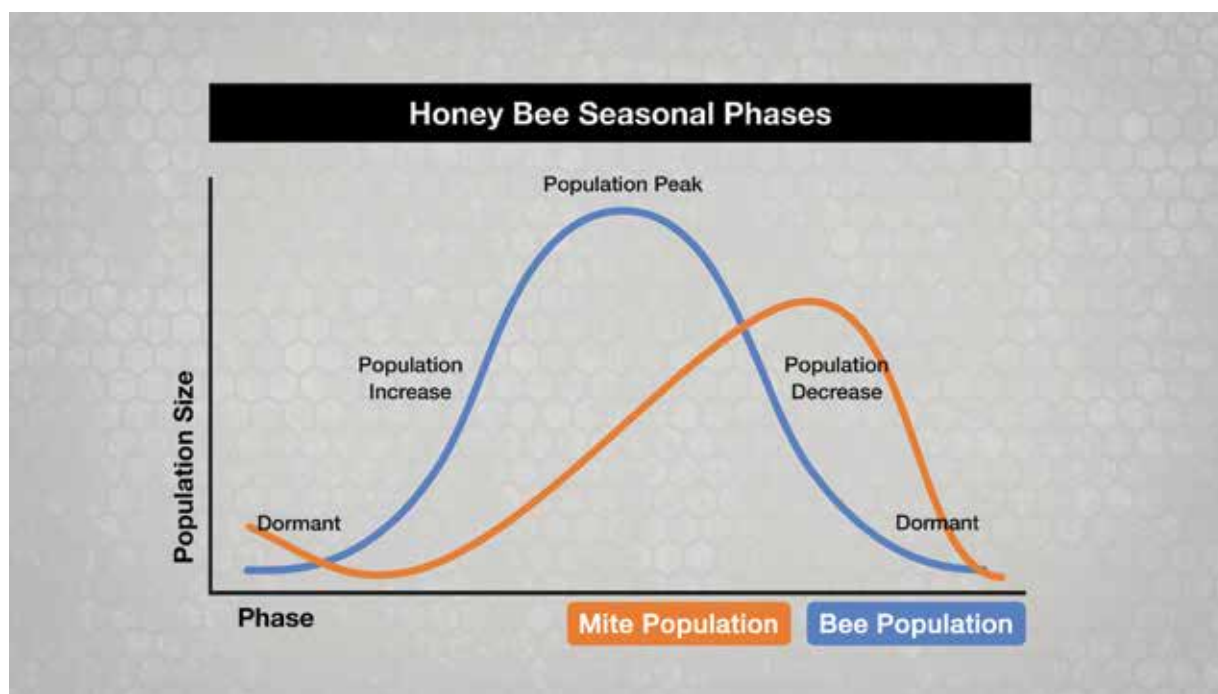
Images courtesy of the National Museum of Health and Medicine.

Flatten the Curve

by Dewey M. Caron

How many times have you heard/read the term “flatten the curve” in the last month? Well I guess the answer to ‘how many?’ depends on how much media/political time you do these days. As with all simplifications of a complex concept, “flatten the curve” can mean different things to different people in different situations. For the Covid-19 pandemic, “flatten the curve” refers to implementing means to lower the number of people needing medical attention so peak infection rate remains below medical intervention capacity and medical science comes up with effective treatment regimens.

For beekeepers “flatten the curve” is relevant to how we manage the typical bell shape curve of both bee and mite population growth. Two interrelated bell shape curves of particular interest are our bee population and the varroa mite curve.



We DO NOT WANT to “flatten the curve”

1. for colony population increase or peak size IF we are seeking to harvest honey from our colonies.
2. for colony preparations as they rear fat body-heavy bees in the fall.

We DO WANT to “flatten the curve”

1. of the colony starting swarm queen cells in spring. It takes bees in the boxes, not swarming into the trees, to store surplus honey.
2. of mite buildup. We need healthy bees to store surplus and successful colony overwintering. Flattening should begin in spring and not be left as just a post-harvest chore.

We DO NOT WANT to “flatten the curve” of colony population increase or size. We DO WANT to “flatten the curve” of varroa mite buildup to improve our harvest potential or overwintering success with those same colonies. We need to seek to manage our bees – or they will manage us. Graph shows typical bell-shaped bee growth curve and skewed to

right the typical annual growth curve of mites. We might seek to flatten bee growth skillfully if they start swarm cells and totally flatten the mite growth curve.

SWARMING WILL FLATTEN THE BEE CURVE.

It is normal for colonies to seek to reproduce via swarming and the majority do each year. Our task is to determine which colonies are preparing to swarm. Our major clue to swarming is to look for several developing queen cells, especially on lower/side comb margins. The easiest way to do this is to split the 2 boxes containing brood (assuming your strongest colonies have expanded into two boxes) to examine the bottom margins of the comb frames of the top box for developing queen cells. You likely will see cups – look for occupied cells.

Our intention is to delay swarming by skillfully flattening the curve until the nectar flow arrives. This is intensive management and a lot of work. Not all beekeepers wish to produce surplus honey. Such effort will not always be successful. Swarming is such a powerful force - when we start late, after the bees are well on their journey to swarm, our chances of stopping (or delaying) swarms is lower.

WE WANT TO FLATTEN THE MITE CURVE.

With the bees, we want growth to continue but with mites we want the opposite. Flattening the mite growth curve begins in spring. We should begin to sample for mites via washing mites from adult bodies with alcohol

or powdered sugar shake. If number exceeds 1 or 2% consider control measures (depending upon how threatening you perceive mites). You don't necessarily need a knock-out punch but you need to slow mite buildup.

Essential oil products of Apiguard or ApiLife Var or formic acid (formic Pro) are chemical means of slowing mite buildup; drone brood removal and splitting are good non-chemical alternatives. We can use these techniques before adding supers. Formic acid use can be continued while supers are on the colony but we have to remove supers to place chemicals or remove capped drones. It is during this period that mite growth really accelerates.

Apivar is very effective in flattening the mite growth curve but we need a minimum of 6 weeks for treatment and then an additional 2 more weeks before supering. We simply don't have that much time during the spring for colonies we wish to use for honey harvest. Apivar is best used following surplus honey removal but depending upon temperature the acids and essential oils will work as well. Splitting following harvest is a non-chemical alternative.

The term "flatten the curve" is likely to be around for quite a while with the Covid-19 virus so seriously impacting our (older-aged beekeeper) population. It has been one of our basic tenets for bee management and to survive in this time of heavy mite levels.



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EAS BUSINESS

EAS 2020 Board of Directors Meeting

EAS BOARD OF DIRECTOR'S MEETING MINUTES

March 21, 2020 – 7:00 pm

Via WebEx

CALL TO ORDER

Lou Naylor called the meeting to order at 7:05 pm.

STATES/PROVINCES IN GOOD STANDING

Alabama, Connecticut, Delaware, Georgia, Indiana, Kentucky, Louisiana, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, North Carolina, Ohio, Pennsylvania, Rhode Island, New York, Tennessee, Vermont, Virginia, West Virginia, District of Columbia; Ontario

STATES/PROVINCES WITH EXPIRED DUES

Florida, Michigan, Illinois (vacant), Mississippi (vacant), South Carolina, Wisconsin (vacant), Canadian Maritime, (vacant), Quebec.

ROLL CALL OF OFFICERS AND DIRECTORS

Lou Naylor, Chairman; Linda Allen Mizer, Vice Chairman; Carol Cottrill, Secretary; Jack Hildreth, Treasurer; Peggy McLaughlin, President, ME; Mary Duane, Vice President, MA; Erin MacGregor Forbes, Chairman Emeritus; John Baker, CT; David Hocutt, IN; Tammy Horn Potter, KY; Patty Wong, MD; Dorinda Priebe, NH; John Gaut, NJ; Ben Carpenter, NY; Vincent Aloyo, PA; Nancy Simpson, SC; Karla Eisen, VA; Sam Golston, WV; Tom Nolan, Ontario; Julie Fontaine, Quebec.

Absent: Buddy May, Past President; Marilyn Parker, AL; Bob Bauer, DE; Roger Blanco, FL; Mary Cahill Roberts, GA; Wesley Card, LA; Steve Repasky, Master Beekeepers; Rich Weiske, MI; Doug Vinson, NC; Cindy Holt, RI; Michael Coulter, TN; Kevin Platte, DC.

Committee Chairs and Guests: Erik Brown, Wild Apricot Lead; George Wilson, Honey Show Advisory Committee.

SECRETARY'S REPORT- Carol Cottrill

The minutes of the November 19, 2019 Board of Director Meeting were distributed via email. A motion was made to approve the minutes as distributed, voted and passed.

TREASURER'S REPORT - Jacky Hildreth

Financial reports (Balance Sheet and Profit and Loss - attached) were emailed to Officers and Directors. EAS showed a net profit of \$3,083.95 for 2019 due to an unrealized gain in interest of \$46,000 from investments. The 2019 conference lost \$6,685. This year will not be as profitable and the Honey Bee Research grants will be taken from that fund, not from the general fund.

CHAIRMAN'S REPORT – Lou Naylor

The coronavirus situation had made this a challenging time for all. John Gaut has volunteered to make a checklist for activity cancellations to be added to the Conference guidelines. This could also outline a contingency plan due to something like the current situation or cancellation due to weather events or other problems that might occur even during the event.

Over the past year EAS has lost some of our founding members. It would be nice to have some type of memorial done at each of our conferences to remember those who have passed. Karla Eisen did a very nice video at the Virginia Conference – something similar could be done at one of the evening events as well as having something in the EAS Journal.

Lou requested all Directors that are not currently serving on a committee to email her with their interests and skills so that they can be added to a committee.

PAST PRESIDENT'S REPORT (EAS 2019) – none

PRESIDENT'S REPORT (EAS 2020) - Peggy McLaughlin

Peggy reported on where we are and on the health crisis impact on the conference planning.

The program is done and approximately sixty speakers received confirmation letters about two weeks ago. The speakers are now being contacted with a follow up letter asking them to review cancellation policies for any travel plans and lodging.

There are three areas of concern: 1) Registration has been done and is ready to go but was held until after the Board meeting. The conference is 4 ½ months away and it is very hard to predict what will occur during that time. HAS has opened registration but has a reimbursement statement included. Reimbursement policies would be needed for individuals, speakers and vendors. The spring Journal is due to go out in April with the registration form – it should be delayed for now.

2) Any cancellation decision will depend on both EAS and UMO and their ability to hold an event. Current contracts include the Bangor Arts Exchange – which will only refund 50% with a 30 day notice or 75% with a 60 day notice and UMO which would cancel without cost if more than 30 days' notice is given. Some expenses have already been incurred such as publicity expenses. Some fees have already been collected – from vendors and sponsors. There are no costs associated with the hotels holding blocks of rooms.

3) Several things could occur: everything is okay, and we have the conference, we cancel the conference entirely, we hold a virtual conference instead. It would be very difficult for the conference committee to keep planning the current conference and also work on a backup plan for a virtual conference. That would require different skill sets to set up.

Discussion from the group:

Since it is possible that fewer members will attend due to not being able to get time off work or not having the finances to attend due to the current situation what is the minimum number of attendees that would be needed to hold a conference?

If we do have to cancel UMO has indicated they would like to be considered as a site in the future. We need a date to determine whether to open registration or not. Travel plans for speakers and attendees need to be made in advance.

After much discussion a motion was made to have the Directors decide, based on input from their local members, and vote to have or not have the conference at UMO by 4/11/2020 via email. Ballots will be mailed to all Directors to be returned to the EAS Secretary. The EAS Executive Committee will then meet on 4/13/2020 to tally the votes and make the final decision. Registration will be put on hold until the final decision is made.

Lou and Linda will prepare a statement to go out to all members and to go on the EAS Website explaining that registration will be delayed until mid-April.

It was suggested that EAS could provide alternative education opportunities online – such as monthly webinars with speakers. Eric Brown indicated that there are resources that could help with setting this up and that we should ask members if they would support this.

SITES:

2021 – Mary Duane

The Massachusetts committee is working on keynote speakers. They can't get on campus now but are still working with speakers and vendors. The tour originally scheduled for the directors today will be rescheduled; the University is closed until mid-May as of this time. A theme has been chosen: Past – Present – Beyond. A contest for the logo has already gotten entries and they will be choosing one soon.

2022 – Ben Carpenter

Ben indicated that they would give the 2022 dates to Maine if the conference can't be held this year.

COMMITTEE AND OTHER REPORTS

Journal – Linda Mizer

On hold until after the April vote on holding the conference.

EAS Honey Show Advisory Committee – George Wilson

The committee has met numerous times over the past few months to go through the rules. There have been changes to the Black Jar and Photography Classes and new Video classes were added. Awards for Ross Rounds and a new award to be given by Liberty Hill will be included (see report attached). The committee will continue to work on developing guidelines to enhance consistency in judging as well as guidelines for future Conference Honey Show Chairs.

Honey Bee Health Coalition – Tammy Horn Potter

The spring meeting in Michigan has been cancelled. HBHC is working on Best Management Practices Guides for Apples and Cherries. They are also working to improve communication with state NRCS.

Reminders:

Divelbiss - deadline is April 30, 2020

Mann Lake EAS Scholarship – deadline is April 30, 2020

Historian

Allagash needed to have the EAS historical materials removed from their storage area. Erin has picked them up and is going through some of the material. There are a lot of duplicate Journals as well as tee shirts from prior conferences.

ADJOURNMENT

The meeting was adjourned at 8:54 pm.

Eastern Apicultural Society of N. A.									
Balance Sheet Previous Year Comparison									
						Jan - Dec 2019	Dec 31, 18	Dec 31, 17	Dec 31, 16
ASSETS						INTERIM			
Current Assets									
Checking/Savings									
				Checking - TD Bank		7,647.22	34,207.28	29,479.95	66,347.53
				EAS2018 Checking		0.00	10,001.46	10,151.70	0.00
				EAS2019 Checking		636.23	0.00	0.00	4,682.55
				Edward Jones Account		11,055.05	11,467.80	15,508.43	13,109.70
				Petty Cash		0.00	0.00	0.00	0.00
				Total Checking/Savings		19,338.50	55,676.54	55,140.08	84,139.78
Accounts Receivable									
				Accounts Receivable		1,220.00	0.00	-70.00	600.00
				Total Accounts Receivable		1,220.00	0.00	-70.00	600.00
Other Current Assets									
				Undeposited Funds		65.00	180.00	0.00	0.00
				Total Other Current Assets		65.00	180.00	0.00	0.00
				Total Current Assets		20,623.50	55,856.54	55,070.08	84,739.78
Other Assets									
				Certificate of Deposits		39,961.89	44,146.96	39,687.19	34,795.53
				EAS Endowment (DCF)		192,448.77	164,839.81	179,670.16	157,537.79
				EAS Endowment (FAS136)		3,032.09	2,597.31	2,831.00	2,482.30
				Honey Bee Research Foundation		138,509.66	118,638.90	129,312.64	113,383.48
				MB Youth Scholarship Fund		0.00	0.00	0.00	0.00
				Total Other Assets		373,952.41	330,222.98	351,500.99	308,199.10
				TOTAL ASSETS		394,575.91	386,079.52	406,571.07	392,938.88
LIABILITIES & EQUITY									
Liabilities									
Current Liabilities									
Accounts Payable									
				Accounts Payable		3,796.08	-3,431.00	4,450.24	2,060.25
				Total Accounts Payable		3,796.08	-3,431.00	4,450.24	2,060.25
Other Current Liabilities									
				Other Current Liabilities		0.00	0.00		
				Total Other Current Liabilities		0.00	0.00	0.00	0.00
				Total Current Liabilities		3,796.08	-3,431.00	4,450.24	2,060.25
				Total Liabilities		3,796.08	-3,431.00	4,450.24	2,060.25
Equity									
				Retained Earnings		-12,610.31			
Temporarily Restricted									
				Ed Holcombe Distinguished Fund		12,685.36	14,000.00	14,000.00	14,000.00
				Ed & Anita Weiss Memorial Fund		1,000.00	1,000.00	1,000.00	
				Honeybee Research Fund		0.00	0.00	2,708.00	15,051.00
				MB Youth Scholarship Fund		3,452.00	3,952.00	3,117.00	2,117.00
				Roger Morse Award Fund		0.00	0.00	-54.00	997.00
				Temporary Restricted					
				Total Temporarily Restricted		17,137.36	18,952.00	20,771.00	32,165.00
				Unrestricted Net Assets		383,168.83	383,168.83	370,107.63	351,428.11
Translation Adjustment									
				Net Income		3,083.95	-12,610.31	11,242.20	7,285.52
				Total Equity		390,779.83	389,510.52	402,120.83	390,878.63
TOTAL LIABILITIES & EQUITY						394,575.91	386,079.52	406,571.07	392,938.88

**Eastern Apicultural Society of N.A.,
Profit & Loss Previous Year's
Comparison**

	Jan - Dec 19	Jan - Dec 18	Jan - Dec 17	Jan - Dec 16
Ordinary Income/Expense	INTERIM			
Income				
Del. Comm. Foundation Income	0.00	0.00	42,302.10	14,632.74
Donations Income	7,704.45	2,636.25	2,638.10	2,074.96
EAS Journal Ads	160.00	950.00	0.00	0.00
Exam Income	1,500.00	2,250.00	2,250.00	2,150.00
Interest Income, Other	8,086.28	419.14	519.18	222.05
Membership Dues	22,060.00	27,265.00	21,980.00	18,955.00
Unrealized Gains/Losses	46,148.00	-22,468.19		
Transfers				
Total Income	85,658.73	11,052.20	69,689.38	38,034.75
Gross Profit	85,658.73	11,052.20	69,689.38	38,034.75
Expense				
Bank Service Charges	4,199.37	5,244.12	4,930.90	4,218.87
Board of Directors Meeting Exp.	0.00	117.94	815.98	82.13
Chairman's Discretionary Fund	0.00	0.00	191.00	30.94
Dues Reimbursement	0.00	0.00	0.00	90.00
EAS Journal Print	11,765.00	7,974.76	6,981.08	6,397.44
Grants	12,638.00	11,000.00	14,000.00	13,000.00
Insurance	3,074.00	2,755.00	2,589.00	2,557.00
Interest Expense	0.00	0.00	0.00	289.52
Licenses and Permits	595.00	502.51	175.00	235.00
Master Beekeeper Prog. Expense	1,071.60	0.00	309.62	800.00
Miscellaneous	0.00	0.00	0.00	0.00
Office Supplies	232.67	93.15	143.52	1,126.69
Postage and Delivery	570.74	624.46	387.75	8.91
Professional Fees	29,917.60	26,699.01	20,796.57	19,934.32
Program Expense	0.00	0.00	0.00	1,554.25
QuickBooks Payments Fees	0.00	0.00	0.00	305.28
Reproduction/Copies	0.00	457.75	250.00	0.00
Repairs	0.00	0.00	0.00	0.00
Staff Perdiem	7,763.29	14,490.58	10,740.11	5,252.69
Telephone & Internet Svc.	207.80	345.00	295.66	468.00
Web Site	3,854.60	4,374.72	1,719.00	1,434.00
Total Expense	75,889.67	74,679.00	64,325.19	57,785.04
Net Ordinary Income	9,769.06	-63,626.80	5,364.19	-19,750.29
Other Income/Expense				
Other Income				

Conference Attendee Fees	99,978.37	148,105.00	130,668.00	114,270.00
Conference Auction	10,826.50	11,591.00	9,944.50	10,854.47
Conference Sponsorships	2,775.00	4,600.00	3,750.00	12,550.00
Conference Vendor's Fees	39,535.00	34,375.00	15,245.00	14,500.00
Honey Show Sponsorship	4,900.00	5,900.00	5,800.00	4,700.00
Raffle Tickets	0.00	0.00	0.00	0.00
Short Courses	0.00	0.00	0.00	0.00
Souvenirs	4,972.00	4,515.00	3,690.00	3,000.00
Total Other Income	162,986.87	209,326.00	197,671.50	194,754.47
Other Expense				
Conf. Accommodations	0.00	0.00	36,214.00	57,730.00
Conf. Auction	0.00	214.56	0.00	0.00
Awards	2,227.99	3,696.17	4,713.68	6,102.06
Breaks	0.00	0.00	0.00	0.00
Conference Meeting Room Exp.	26,153.03	21,794.96	43,720.00	17,580.00
Conference Promotional Expenses	2,179.29	3,416.28	0.00	2,684.92
Conference Registration	7,896.90	5,133.22	5,172.26	7,763.87
Conf. Meals Special Events	89,127.61	72,554.22	77,465.04	50,645.52
Entertainment Expense	0.00	115.00	0.00	0.00
Equipment Rental, Conf.	4,826.76	5,170.00	164.78	158.21
Exchange Gain/Loss	0.00	0.00	0.00	5,534.19
Honey Show Expenses	2,754.13	1800.13	857.18	0.00
Printing	5,659.45	9,490.57	6,038.87	2,443.00
Raffle Ticket Winners	0.00	0.00	0.00	80.00
Social	3,131.83	8,575.70	2,085.00	4,411.22
MB Youth Scholarship Exp	1,000.00	0.00	0.00	0.00
Speakers	21,305.85	20,617.00	12,026.22	10,335.67
Vendor Expenses	0.00	2,090.00	2,645.00	0.00
Volunteer Exp.	3,409.14	3,641.70	691.46	2,250.00
Total Other Expense	169,671.98	158,309.51	191,793.49	167,718.66
Net Other Income	-6,685.11	51,016.49	5,878.01	27,035.81
Net Income	3,083.95	-12,610.31	11,242.20	7,285.52

EAS 2020 Executive Committee Meeting

EAS EXECUTIVE COMMITTEE MEETING

April 13, 2020 7:00 p.m.

Via WebEx

Call to Order: Lou Naylor, Chairman presided over the meeting, started at 7:05 p.m.

Executive Members Present: Lou Naylor, Chairman; Linda Allen Mizer, Vice Chairman; Carol Cottrill, Secretary; Jacky Hildreth, Treasurer; Peggy McLaughlin, President; Mary Duane, Vice President; Erin MacGregor Forbes, Chairman Emeritus.

TOPIC: EAS 2020 Maine – response to coronavirus pandemic

Carol compiled responses received from the Directors. There was no vote from Maine. Peggy felt that it was not up to the state directors to make the decision, but Lou noted that the Directors had been asked to talk to their members and respond, and felt that hearing members' opinions was valuable. Lou has received responses from some members that indicate they would not attend the conference if held as it would no longer be "in the budget" even if restrictions were removed. Some were also "afraid of crowds". Several indicated interest in webinars or a virtual conference.

Peggy stated that Theresa McMannus (our University of Maine contact) indicated graduation had been cancelled, spring on-campus events were cancelled, and no face-to-face classes would be held for the summer session. No decision has been made about events scheduled for the summer. EAS has a June 1 deadline with Bangor Arts Exchange for getting money refunded if the event is cancelled.

A motion was made and seconded to cancel this year's EAS Conference, scheduled for August 3-7, 2020 at the University of Maine Orono due to the coronavirus. The vote to cancel was voted and passed unanimously, with regret.

Issues still to be decided: should Maine consider rescheduling the conference. Massachusetts planning is well under way for 2021 so it would have to be 2022 or later. Article VII of the EAS Constitution requires that the annual meeting be held concurrent with the annual conference (It states: there shall be an annual membership meeting to hold annual elections with the general membership and the BOD present. We will need to determine how to hold the annual membership meeting.

The Spring Journal usually focuses on the upcoming conference, registration, etc. Linda will need to get content on other topics ASAP to produce the spring issue.

The Master Beekeepers exams will be cancelled and the MB Certification Committee and MB Advisor agreed that those who have already been accepted will not have to resubmit an application. Since the conference is cancelled this year will not count towards the five years that candidates have to complete retesting.

Research grants have already been made but other awards (Morse and Student) have not yet been determined by the committee. The Executive Committee felt the awards should still be given and plaques awarded even if the conference is cancelled.

Adjournment: The meeting adjourned at 8:05 p.m.
Submitted by: Carol Cottrill, Secretary

COMMUNITY BUZZ

A close-up photograph of four bees on a wooden surface. The bees are positioned in a row, with their heads and antennae visible. The background is a soft, out-of-focus green. Two speech bubbles are overlaid on the image: one above the second bee from the left and one above the third bee from the left.

Hey, what's the buzz?

Community buzz!

Introducing Community Buzz - Now more than ever it is essential to stay connected and remain supportive of the greater beekeeping community. To this end, we have created a Community Buzz section to house the articles and collaborations that allow us to communicate and learn together. Contributions are encouraged and ideas or suggestions are welcome.

If interested, send submissions to journal@easternapiculture.org

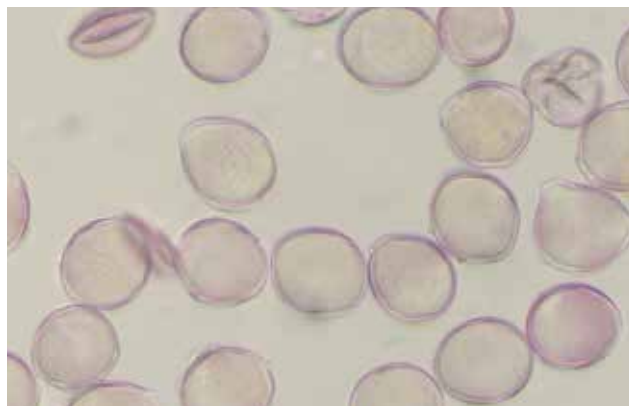
Pollen Identification

by Linda Mizer

We have all had to deal with the consequences of the pandemic: the reduced contact with our family, friends and fellow beekeepers, cancellation of the EAS Conference in Maine and local beekeeping meetings. Perhaps one of the few bright moments in these past three months has been an increased awareness of what goes on around us at our homes during the early Spring when many of us wouldn't usually see our properties during the majority of the daylight hours. I certainly have felt blessed to have had the opportunity to see the arrival of the Spring birds - they have been a delight at the feeders and watched the spring flowers push through the ground and come into bloom. I feel I have missed so much over the past 30 years dashing to work at 7 a.m. and not returning until 5:30 p.m. or later. The enforced "shelter at home" policy has also given me time to wander around each day and see the Spring flowers and the activity of the honeybees on them. I had never seen honeybees on the squill, with the amazing blue pollen. What a delight and a time for reflection of how fortunate we are that this awful virus has apparently not infected our wildlife populations.

Please continue to send images of honeybees (with pollen baskets full) on plants throughout the seasons. I enjoy finding images of their pollen grains and developing an appreciation of the wide range of plants that are visited throughout the EAS landscapes.

1. *Buxus Sempervirens* (Boxwood)
2. *Scilla Siberica* (Squill)
3. *Paeonia sp.* (Peony)
4. *Crocus sativus* (Crocus)
5. *Hyacinthus Orientalis* (Hyacinth)



POLLEN CREDIT: *Paeonia sp.*. Image courtesy of Science & Plants for Schools, found at <http://www.saps.org.uk>



PHOTO CREDITS: 1) Jean Miller 2) Linda Mizer 3) Jean Miller 4) Jean Miller 5) Linda Mizer No images were altered from their original state



In Memoriam

REVEREND RICHARD (DICK) C. CHAPIN

DECEMBER 11, 1929 - OCTOBER 30, 2019

Reverend Chapin served for 44 years as pastor in Pennsylvania and Long Island New York. He was also a teacher-coordinator of special education in the Eastern Suffolk (NY) BOCES district and founder & scoutmaster of the first Boy Scout troop for handicapped boys on Long Island, as well as a family genealogist.



Upon his retirement in 1995, Richard (Dick) brought his passion for the honey bee from Long Island, NY to North East Pennsylvania with one hive of bees. As in his teaching career, Dick learned and taught what he learned to the members of the Susquehanna Beekeepers Association. He was a valuable mentor to newbees as they entered in to the fascinating world of honey bees. An Eastern Apiculture Society Master Beekeeper, EAS Historian, Past President and & Editor of the Susquehanna Beekeepers Association newsletter, the Buzzer, he was involved with every aspect of beekeeping including candles & mead. For many years, he and two fellow beekeepers visited 20 or more elementary schools in five Pennsylvania counties, NY State and home schoolers in the Twin Tiers to teach children about honey bees and beekeeping. He served as honey judge at the Harford Fair and the PA State Beekeepers Conference honey show. Dick researched for ideas that would make the club better and kept up with any new State laws involving honey bees and beekeepers. A brief conversation with those who knew him described him as "a teacher" "a good association President who made the club what it is now" and someone "who always wanted to keep honey bees."

Donations in memory of Richard can be made to: Susquehanna Beekeeper's Association, c/o Arlene Taiariol, 169 Center St., Forest City, PA 18421.

WILLIE ROBERT "BOB" COLE

APRIL 15, 1927 - FEBRUARY 6, 2020

Willie Robert "Bob" Cole, 92, Todd, NC, passed away Thursday, February 6, 2020 at Glenbridge Health & Rehabilitation. Bob was born April 15, 1927 in Rockingham, NC, to Willie Kern Cole and Annie Hasty Cole. He is survived by his wife of 43 years, Susan Stockbridge Cole. He is also survived by three sons, Calvin and wife Jane of Durham, Robert and wife Trina of Morganton, and William and wife Cindy of Raleigh and by seven grandchildren and two great grandchildren. He is also survived by his sister Dorothy Cole Whitehurst of Hollywood, FL and a number of nieces and nephews.

In 1981 Bob Cole was certified as a Master Beekeeper by the Eastern Apicultural Society of North America; he was the first southern beekeeper so certified. He served EAS for five years as Chairman of the Board, 1985-89. He was a professional beekeeper, seller of bee books, and a teacher of beekeeping. For several years he was also a honey producer and packer. He served as a volunteer for foreign aid programs to developing and third world countries, 1996-2004.,

and has assisted beekeepers in 25 countries and has received three presidential volunteer awards for his work overseas. He was also



awarded North Carolina's highest civilian award, The Order of the Long Leaf Pine, in 2004. Bob has also received a number of awards for beekeeping including ones from the Eastern Apicultural Society, the Southern States Beekeepers Federation, the North Carolina State Beekeepers Association, and, awards from the Watauga County Beekeepers and Ashe County Beekeepers - both of which he founded. Bob continued to present programs on beekeeping and his foreign beekeeping experience to clubs in North Carolina and around the south. He presented in New England and as far away as San Francisco. He also displayed at local fairs and festivals and talked about the bees to interested people and children. He was a mentor for dozens of beekeepers in both Watauga and Ashe Counties. Bob was a veteran of World War II and Korea as a member of the 82nd Airborne where he served as a Master Sergeant. Bob attended the University of North Carolina where he studied geology. He studied beekeeping at NC State University and the instrumental insemination of queen bees at the Ohio State University. Bob is a 50 year Lion and served in a number of club and district positions including District Governor in 1997-98. Bob had a number of interesting jobs in his long life. He was a stock car driver and raced with such greats as Cale Yarborough and Junior Johnson. He spent several years working for RCA as a salesman and then for Chet Atkins in Nashville setting

up studio recordings and eventually traveling in the south with recording artists like Al Hirt and John Denver. He acted in and assisted with two movies made in North Carolina, Where the Lillies Bloom and The Last American Hero.

He also installed electronic carillons through the US and Mexico before taking on a full time career as a beekeeper and honey packer. Memorials may be made to the NC Lions, Inc., PO Box 39, Sherrill's Ford, NC 28673.





TELL THE BEES

ANN HARMAN

APRIL 27, 1931- MAY2 2020

by Dewey M. Caron

Many, many worker bees, besides those residing within the conference colonies, are needed to bring an annual EAS to beekeepers. The Maine committee for the cancelled 2020 conference for example was over 20 members. Sadly this year we have lost some of the hardest working EAS worker bees: two former Board Chairs (and past presidents) Bob Cole, NC February 6 and Jack Matthenius, NJ Feb 7 and on May 2 Ann Harman, VA.

Ann left us in peace, with her daughter Joyce and sons Stuart and Art in attendance, at home on her hilltop farm in Flint Hill, VA on the afternoon of May 2. While still recovering from a broken hip, she broke her other leg and hospitalization lead to a cascade of emergency events. She asked daughter Joyce to bring her home as her last birthday wish.

In old-world custom of 'Telling the Bees' bee colonies need be told when their master passes and the hives draped with mourning cloth. Otherwise they might leave or stop storing honey. In 1800s this custom, as practiced in the Southeastern US, was to knock on each colony and whisper that their master was dead – and then invite them to the funeral. Ann had 5 'teaching colonies', kept in conjunction with a beekeeping neighbor, which needed be told of her death.

Quaker poet
John Greenfield
Whittier's
1860 poem
"Home Ballads"
describes 'telling
the bees':



Before them, under the garden wall,
Forward and back
Went, drearily singing, the chore-girl small,
Draping each hive with a shred of black.

Trembling, I listened; the summer sun
Had the chill of snow;
For I knew she was telling the bees of one
Gone on the journey we all must go!

"Stay at home, pretty bees, fly not hence!
Mistress Ann is dead and gone!"

Ann, 89, was born April 27, 1931 and grew up and worked in the Maryland suburbs of Washington DC. She earned a degree in Chemistry from Virginia Polytechnic Institute (VA Tech) and worked for federal agencies as a research chemist. She spent several years in Reading,

England, southwest of London, where her husband was employed. Later she taught Chemistry and Math at the Georgetown Day School, an upscale K-12 private school in northwest DC.

After taking the UMD beekeeping course in early 1970s I invited Ann to help capture a swarm near the Day school. Seeing her eager enthusiasm I gave it to her. That first swarm would eventually grow to around 50 colonies, kept in suburban Montgomery Co (Laytonsville) Maryland for honey production. She subsequently volunteered to manage the University colonies and to help in bee extension. She outlasted me in College Park remaining as assistant extension specialist after I moved to University of Delaware. In 'retirement' she moved to Flint Hill, VA (in 1992), where daughter Joyce had a large animal veterinarian practice.

Ann was past MD and VA EAS Director, my appointee as first ever Vice-chair of the Board in 1992 (a task she continued until 2008), chair of the awards committee for several years, ran our Divelbiss award, was Honey show chair/judge beginning in the 1980s and contributed to annual testing and grading of EAS MB exams. Ann probably was most valuable, unofficially, as the EAS 'go to' and the memory of 'how we previously did it' for over 30 years

Ann will be remembered best, in addition to friend of EAS and bees, as an educator. Ann was one of 10 individuals initially certified, out of 53 taking the tests at the very first EAS MB exams in 1981 EAS (Rutgers). Her first EAS, at my urging, was a year earlier, 1980 at UVM, where she presented original research on benefits of bee venom therapy for confined dogs and horses with arthritis. The 1981 she discussed honey cookery and in 1982 gave 3 talks at WV EAS. She has been a 'regular' many times since; her last EAS program talk was in 2018 in her home state Virginia. She would give over two dozen bee talks annually to her home club (No Piedmont) and other VA clubs, plus over the years was speaker on numerous programs for state and local clubs, regional and national bee meetings, both in the US and in England.

Ann was a champion honey judge. She helped design and teach the first US honey judging instructional program at the University of Maryland. Ann would later become one of the earliest certified Welsh Honey judges in the US. She joined Roger Morse to revise the EAS judging standards, further adopted by numerous other bee groups as their show standards. Her entrant

show tips remain posted on the EAS honey show website. She also helped revise the ABF honey show standards. Probably the furthest trip she took to judge was the Apimondia honey show in Daejeon, Korea in 2015; she judged at 2019 Apimondia in Montreal. Her last show judging was the Texas honey show in November 2019.

Ann, in addition to frequent trips to England, relished overseas beekeeper training assignments. As a volunteer for NGO's Agricultural Cooperative Development, International/Volunteers in Overseas Cooperative Assistance (ACDI/VOCA), Partners of the Americas (PoA), Farmer to Farmer (FTF), Citizens Network for Foreign Affairs (CNFA), Land O'Lakes International, Citizens Democracy Corp, and Winrock International she completed 54 assignments in 29 countries on all continents except Antarctica. Her efforts were recognized with Presidential citations for exceptional service at least 5 times.

Many knew Ann through her regular column in Bee Culture Magazine which began in 1980 as a honey cookery column (Home Harmony). Although she occasionally still wrote about this topic, her columns over the past 40 years have covered a wide range of topics. Ann finished her last column while in the hospital. She was a regular contributor to England's Beekeepers Quarterly and wrote many articles for Bee Craft. She was my main proof reader of Honey Bee Biology & Beekeeping and served as editor for ABC & XYZ in Beekeeping. She produced a delightful honey cookery booklet and with Diana Sammataro a helpful guide for plants useful to bees. While recovering from her broken hip this winter she finished chapters for Bee Craft books (Bee space to Bee hive and Bee Hive to Beekeeper).

EAS was blessed to have such energetic volunteers such as Bob, Jack and Ann. May they relish their new role of helping to inform the after Universe all about bees and beekeeping until we have opportunity to rejoin them again.

For those so inclined, EAS would welcome contributions in memory of Ann to recognize young bee researchers.



JACOB C. MATTHENIUS JR. (JAKE OR JACK)

APRIL 21, 1928 – FEBRUARY 7, 2020

by Tim Schuler

Jacob C. Matthenius Jr. was involved with beekeeping in New Jersey for most of his life. He was born and raised in Hunterdon County New Jersey. While in high school he began working for Stricker Apiaries, painting and repairing bee equipment. After high school he went to work full time for Stricker. Milton Stricker was a commercial beekeeper running 1000 colonies who pollinated blueberries and cranberries in the early days of paid pollination services. According to Jake, they moved all the bees in singles with screened entrances. They would screen the hives and load in Hunterdon County at dusk and drive to the NJ pinelands to unload, pull the screens, and drive all the way back north. This was all done by hand, no forklifts. The screens did not fit very tightly and "leakers" were common. Many stings were the norm. During the time between blueberry and cranberry pollination they would live in an army wall tent on a cranberry bog working bees by day, harvesting honey, splitting, requeening and fixing EFB, bathing in a cranberry reservoir at night and sleeping in the tent.

Paul L. Holcombe, The New Jersey Department of Agriculture's second Supervisor of Bee Culture, hired young Jake Matthenius in 1947 to assist him in inspecting bees and cleaning up AFB - the biggest problem of that time. In 1955, after Mr. Holcombe retired, Jake was appointed Supervisor of Bee Culture. He was assisted by George T. Duffhaus, Thomas Digney, and in 1964, Lester Shimp of Pennsville was appointed full time Assistant Bee Inspector. Shortly after that, Paul Raybold (whom Jake mentored in his beekeeping efforts) from Phillipsburg was added to the bee inspection force. In 1980 Jake became the New Jersey State Apiarist.

Jake was a forward thinker and tried to solve problems beekeepers faced. Jake was great at getting groups of people to work together to solve a problem, something our society needs today. He was the first to use ethylene oxide (ETO) to fumigate diseased bee equipment. The ETO chamber was operated by the bee inspectors of NJ and the Entomology Department from Rutgers University. He worked with the USDA's Beltsville Bee Lab. He acquired the chamber, which was a large autoclave used by NASA to sterilize

materials returning from space.

Jake brought it to NJ and cooperated with the Beltsville bee lab researchers to develop the method to cleanse diseased bee combs using ethelene oxide. That chamber was used in NJ until 1990 when it was given to the state

of North Carolina, where it is still used today. New Jersey had to get rid of it because ETO was declared a carcinogen. Jake helped develop a pollen trap to reduce beehive deaths due to the use of Sevin in early gypsy moth spray programs. He received the New Jersey Taxpayers Association Award in 1976 for this work.

In the mid to late 1980's, Jake cooperated with the USDA once again to test the use of menthol crystals for controlling tracheal mites. Back then, tracheal mites were a big problem and menthol was the only treatment. Jake also cooperated with the USDA in researching the cause and possible controls for chalk brood, collaborating with Dr. Elton Herbert of the Beltsville bee lab.

The New Jersey State Honey Show was started in 1955 by Jake at the request of the then Secretary of Agriculture, Phillip Alampe. Secretary Alampe wanted a show that would showcase New Jersey's honeys and the beekeeping industry to the NJ legislators. From 1955 up to the late 90's the show was always displayed in the Capitol Rotunda for all of Farmers Week in February. The State Honey Queen would visit the show and receive an Assembly and Senate proclamation as well as giving the Governor, Secretary of Agriculture, and the leaders of the Senate and Assembly a taste of award-winning honey. It was a media event and got great publicity for the beekeeping industry of NJ. This show was, and still is, one in which labels were allowed on the jars so the representatives could see who the beekeepers in their districts were.

Jack Matthenius, Paul Raybold, and Walt Wilson



were the three NJ Inspectors when I first got into beekeeping in NJ in the mid 1980's. They were assisted seasonally by Bob Hughes from Yardville, NJ. I did not have much opportunity to interact with Paul because his area was North Jersey. I can say that Walt, Bob Hughes, Bob Harvey, and especially Jake were very helpful to me when I started keeping bees. They continued to coach me and help me understand the workings of a hive. I spent many hours talking to Jake in his office and on the phone. I first met him in 1986 when I was telling a co-worker of mine at the NJDA that I was going to bring some beehives from my father's friend in Pennsylvania to my farm in New Jersey. This man said I would need permission from Jake to do so. I went to his office and introduced myself. After that we developed a good friendship. He encouraged me to take the three-day beginning beekeeper class he taught with Dr. Bob Berthold from Delaware Valley College. Patty and I took that in 1987. Jake and Dr. Berthold taught the 3-day short course at DVC and Rutgers University together for over 30 years.

In about 1988, Paul resigned his position as Bee Inspector and in the spring of 1989, I joined the bee inspection team. I wasn't sure I had the confidence or knowledge to be effective, but Jake continued to encourage me. He had a rule that no inspector could wear gloves as they could be a vector for bee disease. To test me he first had Walt meet me and take me out to inspect bees. Walt put me through the test by treating the bees roughly to see if I could take a sting, and how hard I could work. Then Jake, Walt, Bob Hughes and I went to inspect bees in blueberry pollination. These bees were very strong and on the nasty side. My fingers looked like fat sausages by the time the day was over. But I passed the test. Then Jake gave me some advice I followed my whole career with the bee inspection program and beyond. He said, "Timmy, I don't need a badge flasher or a cop. I need an ambassador for beekeeping. I need you to find diseased bees, educate the owner, help them clean it up, and get invited into their house for lunch." It was very important to treat people with respect. Jake had a natural charisma with people. He hired me as an inspector in 1989. Jack was the State Apiarist, Walt Wilson was the Senior Bee Inspector and I was the Junior Inspector, with Bob Hughes assisting seasonally. In 1990, Jake retired after 43 years of service to the beekeepers of New Jersey. This is the year we first found Varroa mites in New Jersey. I asked Jake how

we would continue without him? He told me, "Timmy, when you go home, fill a bucket with water and put your arm in it, then pull it out and see how long the hole lasts." His point was that someone would quickly take his place.

In 1990-1991 Jake sold me his bees in Warren County. There were about 100 colonies at 5 or 6 locations. I would leave my South Jersey home at 5 am Saturday mornings and stay over with Jake and his first wife Betty. We would work together on Saturday and Sunday and I would head home Sunday afternoons. Most of our conversations revolved around bees. I was really taught beekeeping hands-on by Jake. He encouraged me to put together my mobile extracting trailer so we could extract honey right in the bee yards. Once Patty and I had children, I had to discontinue keeping bees in Warren county because I could not be gone all weekend.

There have been eight State Apiarists or Supervisors of Bee Culture over the last 100 years in NJ. The longest time served was by Jack Matthenius Jr. - 43 years. Many of you have known Jake over the years. His passion for New Jersey beekeeping is well known among those who knew him. He was a people person with a dynamic personality well suited for the job. He taught beekeeping classes through Rutgers University and Delaware Valley College, for over 30 years. He was one of the founders of the Eastern Apicultural Society of North America (EAS). He was the Chairman of the Board of EAS for 5 1/2 years and served as the editor of the EAS newsletter for the first 12 years of its existence. He was a strong supporter of EAS and through his efforts, New Jersey would regularly bring one to two busloads of people to the annual conference.

Jack held the position of President (sometimes more than once) of the following organizations; Eastern Beekeeper Pollination Association, Professional Apicultural Society, Eastern Apicultural Society of North America, New Jersey Beekeepers Association, Northwest Jersey Beekeepers Association. He was the Editor of the New Jersey Beekeepers Association newsletter for over 25 years.

Jake was also good at mentoring people. He was always willing to help a young person along. These are a few I know about:

Dr. Bob Berthold taught biology and beekeeping at Delaware Valley College. Jake met him when Bob was a

young teenager keeping bees in his parent's back yard in northern NJ.

Tony Jadzak was a student at Rutgers University who worked with Jake and later became the State Apiarist of Maine for about 30 years.

Don Hopkins, the State Apiarist of North Carolina, was originally from NJ and had dealings with Jake. Don grew up in Morris County, NJ. As a young kid, he kept bees. Jake would pick him up to show him the ropes on beekeeping when he was working in his area. Jake gave Don a reference when he applied for a bee inspection position with the NC Department of Agriculture. The quote was "Yes, he can take a sting," when the State Apiarist called Jake to check this guy out. Don is still inspecting bees in NC.

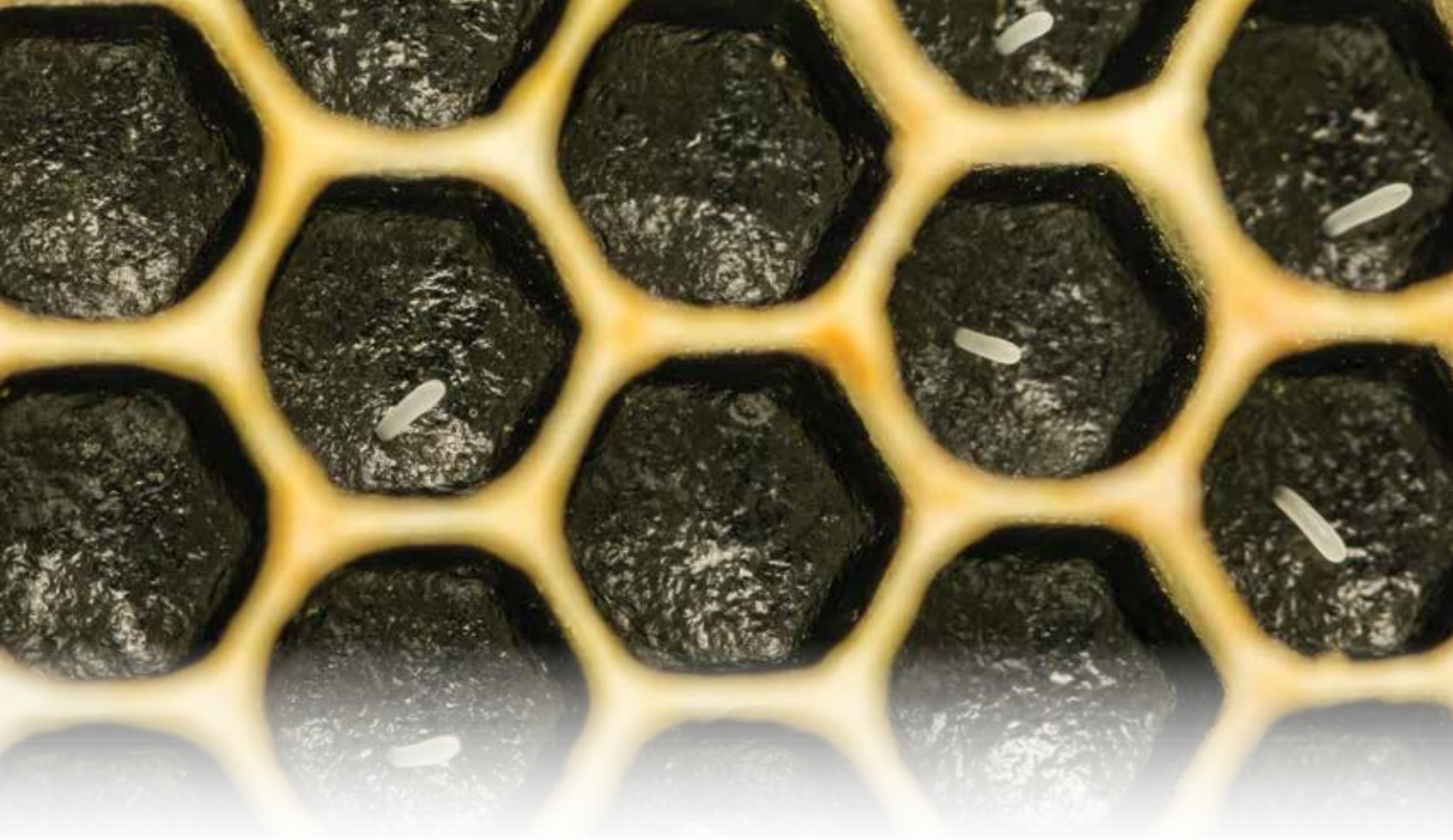
Bob Wellemeyer met Jake when he was eight years old. He had a few beehives next to his dad's store. One day Jake came into the store and asked whose bees were next door. Bob's dad said, "My son's." Jake explained who he was and took young Bob out to inspect them. From that time on, anytime Jake was working in Bob Wellemeyer's area he would pick up Bob and take him with him. When Bob got his driver's license in 1971 at

age 18, Jake encouraged him to take a job managing the bees at the Rutgers Blueberry-Cranberry research station in Chatsworth, NJ. Bob also began helping Jake teach the Rutgers three day beekeeping short courses. Bob attended college at Louisiana State University studying entomology. He completed his BS in four years, spending his summers in New Jersey managing the bees at Rutgers and helping Jake with inspections, short courses and the ETO chamber. In 1975 Bob graduated from LSU. In 1977, Jake recommended him for a Bee Inspector position in Virginia. Bob remained active in bee inspection in VA for about 40 years, serving as a regional inspector and State Apiarist. He also found time to run a commercial migratory beekeeping operation.

Bob Hughes retired from NJ Bell early in his life and took up beekeeping. He spent many hours talking to Jake and helping him as he developed his beekeeping abilities. Eventually Bob became a part time New Jersey Bee Inspector. Bob co-taught the Rutgers 3-day short course for many years.

I was very fortunate to be mentored by Jake in my early days of beekeeping. I hope this information gives you a view of who Jake was through my eyes. He had a big influence on my life and my beekeeping. He helped me grow up as a beekeeper, and a person. This article was written with help from the New Jersey Beekeepers News October 1977, personal experience, and from my memory of conversations with Jake.





Learn with Me...

How do Beekeepers Learn? Your initial thoughts might be that we learn from books, classes, videos and each other in club meetings, through mentoring experiences and at conferences and workshops. These would all be valid venues for learning. However, I have found some of the things that I have learned most quickly and with the most long-lived memory have been my own mistakes made with my own bees, often in private embarrassing moments. I thought it would be enlightening to introduce a section in the journal called “Learn with Me” where we could submit short descriptions of errors that we have made in beekeeping that have cost us time, money, loss of bees or even (hopefully only mild) injury.

I would be happy to start off. I just checked my hives and determined that I would put on reducers and empty some medium supers of honey. I knew that at least three of my colonies had queens that had gone up into the winter super in the late winter/early spring and had raised brood there. I had eventually found the queen, sequestered her in the deep brood boxes, put on a queen excluder and waited out the hatching of the brood. I did not notice that in one of the honey supers I was planning to collect from there were still

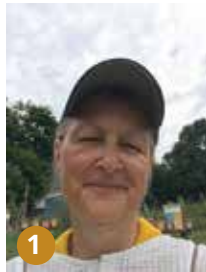
a few unopened brood cells. I put the reducers on, came back the next day and three of the four were mostly devoid of bees and I was able to get the supers off with little difficulty. However, the super that had a small amount of brood remaining was still *full* of bees – bees that would not abandon the brood and it was not only a surprise, but a pain to remove the frames with clouds of ticked-off bees filling the air.

Lesson: *If you put on a reducer, do **not** expect bees to clear out of a super if there is any brood in that super.*

I could come up with all sorts of blunders I have made over the past 10 years, as I am sure most of us can. I have been reflecting over the years – what did I do wrong this year that I can learn from? I hope you will contribute your wisdom, hard-earned from experience. You may credit the input with your name, or I am happy to provide them as anonymous.

Best wishes,

Paul A. Mizer



EAS Community Photos

Although we cannot gather in person at EAS Conference this year, we wanted to remind ourselves that beekeeping continues in its many forms and garbs. Please keep submissions coming as high resolution photographs identified with your name to: Linda Mizer at journal@easternapiculture.org

1. Mary Cash.jpg 2. Earl and Carol Hoffman 3. Ellen Brooks 4. Lou Naylor 5. Name 6. George Wilson 7. Nancy Simpson 8. Nick Hoeffly 9. Janice Giard 10. James Paul Neumann (3 mos grandson of Landi Simone) 11. Meghan McConnell 12. Lynn Hewitt White 13. Laura Probert





14



15



16

Greetings and smiles from Britt Bailey and Hannah Jones at Just Bee Apiary!! EAS is so special to us, we met there in SC last year first day. Sat right down beside each other in a workshop and havnt left each other's side since! Thanks for the love of my life EAS! Britt moved across 3 states, we combined business, and a honeycomb shaped engagement ring is on my finger. ❤️ Nothing better than love and bees and getting to love a bee lover!



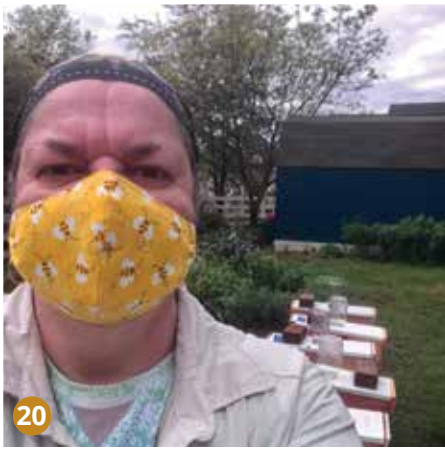
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MASSACHUSETTS
EAS 2021



PAST, PRESENT
AND BEEYOND

Save the Date

July 26-30, 2021

THEME:

Past, Present, and Beeyond

LOCATION:

University of Massachusetts Amherst

14. Margorie Hewitt 15. Matthew Scott 16. Parker Hoefly
17. Landi Simone 18. Britt Bailey and Hannah Jones
19. Linda Mizer and granddaughter, Addison 20. Karla Eisen

EAS Executive Committee, Directors, and Contacts

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