



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

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Conference Highlights

LOOKING AHEAD TO THE EAS
2020 MAINE CONFERENCE

Awards and Grants

CALL FOR NOMINATIONS

Master Beekeepers

PROFILING KIMBERLY AND BEN
CARPENTER, MASTER BEEKEEPERS



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WELCOME, From the Desk of the President

Greetings!

Here in Maine, our hives lie under a blanket of snow and our colonies are tightly clustered within. Winter bee schools are starting and it is a reminder of how important education is for beekeepers, not only to those taking their first beginners class, but for those looking to expand their knowledge through intermediate courses or refine their skills in specialized workshops. Successful beekeeping requires both knowledge and commitment and EAS can play a big role in helping beekeepers with both.

Our bees may be quiet deep inside their winter hives, but they are also still active. So too, the 2020 planning team is working diligently during these winter months to finalize plans for the upcoming August conference. They are committed to assembling an outstanding lineup of speakers and events that will inform, enlighten, and inspire you to become a better and more successful beekeeper.

In this issue of the EAS Journal, you will find the preliminary program for the 2020 Short Course and Conference, along with highlights from our Program Chairs, Jennifer Lund, David Priebe, and Program Advisor, Dr. Dewey Caron. The 2020 conference will feature several of these exceptional individuals in both the bee yard and classroom and we are very excited to bring them to Maine next summer.

Please be sure to visit the EAS website this winter as information about the 2020 conference is continually updated. Accommodations options are now available. Summer in Maine is high tourist season and we encourage you to get a head start on your travel plans. Take some time this winter to write out your best beekeeping story and submit it for inclusion in our evening Story Concert event. This is sure to be a fun and entertaining night of celebrating and commiserating the joys and challenges of our favorite pastime. The deadline is March 1st and details are on the website.

On behalf of the 2020 planning team, we wish you and your bees a happy and healthy new year!

Best regards,



Peggy McLaughlin



LETTER

From the Editor



Greetings,

My name is Linda Mizer and I am the Editor of Eastern Apicultural Society (EAS) Journal. I have had the privilege of filling this role for 4 years and have learned a lot about the rhythm of the EAS as it fulfills its missions of Education and Conferences, Master Beekeeper Certification and Honey Bee Research. The Journal has attempted to keep members up to date on these missions and we have been trying different formatting and sequencing of content to accomplish this.

We try to consistently feature an EAS Master Beekeeper updates including timely reminders of application deadlines for Master Beekeeper Certification. In this issue, we have initiated our first "Profiling of a Master Beekeeper". The intent is to identify and highlight an EAS Master Beekeeper in each issue, so if you have a person in mind as an EAS Master Beekeeper that you would like to see profiled, please submit your idea to journal@easternapiculture.org.

Each issue also contains information concerning the EAS Conferences. In the Fall Journal there is a summary of the previous summer conference with announcements of awardees and a conference summary of the honey show, tours, auction and social events with accompanying photographs. In the Winter Journal there is usually an introduction to the upcoming conference and in the Spring Journal there is a more finalized program, registration form and details of planned EAS activities including any tours, banquets etc.

The Honey Bee Health Coalition (HBHC) regularly provides an update on their important work that is supported by the EAS. Each issue has additional "Featured Articles" and I would like to encourage Provincial/State Directors and individuals to contact me with ideas for feature articles. These may be the ideas for the articles themselves and/or the offer to write the complete article. Please address these ideas to me at journal@easternapiculture.org.

I wrote a short article on pollen, a few issues back, and have continued to place photographs of pollen-laden bees on various flowering plants along with an image of the pollen grains of one of the plants, shown under a light microscope. I have tried to make them seasonal and reflect the different regions represented within EAS. I would very much



welcome the submission of photographs of bees with filled pollen baskets on flowers with notes on the region, time of year, name of the flower or flowering bush/tree and the name of the photographer. I would also appreciate pollen images taken through a light microscope, again documented by type of pollen, magnification and photographer's name.

In future, I would like to move these pollen images to a new section I am proposing, tentatively called "Community Buzz". The purpose of this section would be to provide more personal updates from members rather than full articles. Along with the seasonal pollen identifications, this might include a crossword and/or word search of "bee facts" as well as photographs of events that took place between journal issues that readers would like to share. Each photograph would need to be high resolution, have a "legend" description and identify the photographer. Our society is blessed with folks who have generously served their local communities and the bee industry. With the passing of such a member, I would encourage the submission of a brief memorial with a photograph to allow us to remember and honor them.

Finally, I would appreciate your input on any aspect of the journal, as it is currently and/or how you would wish it to be in the future. I look forward to your comments and suggestions.

Sincerely,

Linda A. Mizer, DVM, PhD
EAS Journal Editor and Vice Chair of the Board

SPRING 2020 ISSUE DEADLINE

Please submit suggestions or
content prior to the April 3,
2020 deadline

MASTER BEE KEEPERS

Profiling Master Beekeepers: Ben & Kimberly Carpenter

by Dewey M. Caron

Kimberly and Ben Carpenter became EAS Master Beekeepers in 2016 (New Jersey). They live near the northern head of Canandaigua Lake, the 4th largest of 11 Finger Lakes of central NY between Syracuse and Rochester. with their many apiaries scattered within the adjacent valleys and farms.

Both started with bees in 2008 when Kimberly saw an ad in the local newspaper for Beginner Beekeeping and Maple Syrup Classes offered by the local Cornell Cooperative Extension. The newly married couple decided to take both classes as farming matched a mutual interest of their love of nature and living sustainably. They then started bees and eventually added chickens, turkeys, ducks and rabbits (and later a cow) for their new farm.

The Carpenters started with 3 hives that first year which quickly became 10 by the next year, thanks to Kimberly splitting hives and catching swarms. Both had full time day jobs but found coming home to work the bees in the evening and on the weekends relaxing. Kimberly says the bees were addicting: "When working the bees I was completely calm, the rest of the world was drowned out and I had complete focus. All that mattered was the bees".

Expansion of colony numbers has continued. They currently manage several hundred colonies. Maple tree taps also have grown from 50 to over 300. Both Kimberly and Ben attended the Queen Rearing Workshop held by Penn State's Grozinger Lab in 2012. That started Kimberly's new found passion for queen rearing. Since the class in 2012, Kimberly has been sourcing out queens from a variety of strains and survivor stocks, selecting for certain traits to insure hardy northern stock, from various queen breeders

including Buckfast, Carniolan, Russian, Caucasian, Ankle Bitters, Cordovan, etc. to diversify their operation. Queens are used not only to supply their own hives with new queens but also to sell to beekeepers that come into their store.

With colony expansion they have begun transporting some of their hives to Florida in the winter to jump start the season and stock nucs for sale in the spring. The hives brought back go into separate holding yards so the selection of northern bee stock does not mix.

In 2010, the couple started a beekeeping supply store, a shared space in Ben's fathers PC & Wireless Shop. Kimberly relates they both "understood that having a local place to go, especially to new beekeepers to see and feel the beekeeping supplies and having someone to talk to, was important." Ben says, "We had no idea where this decision would take us."

Since 2010, their bee supply business, along with the colony numbers, has grown. The shared store business lacked enough warehouse space so they used a shelter-logic pop-up garage. Kimberly recalls: "We'd get home from work, take care of the animals, get dinner, collect maple sap, then about 11 pm or so till 2 am, go out to the pop-up warehouse, wearing winter bibs & jackets to ward off the cold, and pack customer orders to bring to the store the next day for customer pickup".

The business took a big leap in 2017 when they purchased the Ross Round business, which included the Sundance Pollen Trap. Ben says they purchased Ross Rounds "not only because it made business sense, but because it's a historical product, and to honor the history my family has making comb honey." Since





Picking queens

Top left: Beehives in New York, 2019. Above: Ben tending maple tree sap lines. Right: Kimberly picking queens. Below: Bees in Florida.



Top left: Kimberly tending bees at night. Bottom Left: Grandma Jean tending her bees. Above: New store front. Top right: Painting new hives built on site. Bottom right: Ross Rounds building. Far right: Grandma Jean preparing Ross Rounds.

acquiring the business, the couple has launched new products and streamlined product handling.

Additionally Ben slowly acquired woodworking equipment and set up a pole barn to start making their own beekeeping equipment. Initially the wood working was to support their growing bee business, rather than for resale in the supply business. Their wood shop enabled Ben to build custom boxes, hive equipment and other products suitable for small scale to commercial beekeepers. "This helped us greatly in late 2018 and 2019 because of the many changes in the bee supply environment. Once Brushy Mountain Bee Supply closed, many of our customers called with great concerns. However, since we were already doing production for the store, we didn't need to scramble to source and secure a new supply chain."

In 2018 they expanded to a warehouse and store of 2500 sq. ft. For the time being, with good warehouse organization, they believe they have enough space.

Both Kimberly and Ben have backstories of beekeeping in their families. Ben's father and grandfather had a modest size beekeeping operation in the mountains of Pennsylvania that focused mainly on comb honey production. Ben relishes his father's stories of dealing with bears, the hive on the end of the row that was "hot", or about using a lard press to extract honey. One thing that hits home with Ben was his father recalling the bee inspector coming and inspecting the hives. Ben states, "In today's beekeeping climate, there are many mixed feelings about the role of the state inspector. Here in NY, we lost our inspection program about 10 years ago. Hearing my father recall the positive experience he had interacting with the inspector reaffirms my feelings that an inspection program and inspectors plays an important role for all beekeepers in many ways. I would like to see a program come back to NY in the future."

Kimberly's grandmother, following her own father's



example, kept between 20-40 hives near the Tug Hill/Orwell area of Upstate NY. Kimberly remembers when she was maybe 5 or 6 years old, watching her grandmother tend to the hives. After her grandmother was done working the hives she would always bring Kimberly back a big chunk of comb honey to enjoy. "I loved watching Grandma work the bees," said Kimberly. "There was something exciting and mysterious about how something so sweet and wonderful came from such a tiny little insect. It was exciting."

Later, when she was about 12-15 years old, Kim became the gofer, getting things for her grandmother while she worked the bees. Kimberly remembers, "The simple, hardworking life intrigued me, along with working on a farm and being self-sufficient. We take so much for granted these days with how easy we have it. My great-grandfather & grandmother are a product of the era where if you didn't work hard, you didn't eat. And if you wanted something you worked

hard to get it."

And, remembering the hallmark sign of a different era, Kimberly relates that her grandmother told her "when she was keeping bees, there were no such thing as mites. You put the bees in the hive, you kept stacking the supers up all season, extracted the honey in the fall and they lived through the winter. Beekeeping was easy." If you have an opportunity to visit the supply store you might see Kimberly's grandmother "mainly supervising these days since she can't work the hives.

Grandma always is amazed by how much the industry has changed since when she kept bees," says Kimberly. "She'll help water the caged queen bees, bottle honey orders or harvest finished Ross Round honey combs. She loves all the cool new gadgets we have and loves helping me at the store. She's my quality control expert - if it's not done Grandma's way, it's not done right. We're very much alike."



EDUCATION AND OUTREACH

Education has played a huge part in the Carpenters' lives as beekeepers. As they were expanding their bees and getting into the bee supply business they began offering beekeeping classes on the farm. They have helped many new beekeepers start through their local club, the Ontario Finger Lakes Beekeeping Association (OFLBA, www.Ontariocountybeekeepers.org). Ben & Kimberly have both helped organize a joint Finger Lakes Beekeeping Short Course in mid-March each year. Renamed as the Geneva Bee Conference in 2011, it is now known as the Greater New York Bee Conference. Each year the conference continues to grow, bringing in over 350-400 beekeepers from several states. Ben serves as Vice President and Program Organizer of the state-wide Empire State Honey Producers Association (ESHPA, www.ESHPA.org). As NY EAS Director, Ben has successfully bid to host the EAS Conference in the Finger Lakes region in 2022.

Kimberly is currently the Secretary of their local beekeeping club, OFLBA, and also helps out with the EAS Awards Committee. She currently manages their beekeeping supply store, Hungry Bear Farms and runs their queen rearing program and classes in & out of the apiary. Ben & Kimberly jointly manage the Ross Rounds business as well. Prior to the spring of 2018, Kimberly had been in charge of managing all their hives in NY & FL but in Nov. of 2018 when they moved to their new store location, they switched roles. Ben is now managing the colonies in NY and FL while Kimberly runs their retail store and the queen rearing & classes.

Kimberly reminisces that now wherever she drives around locally she can see a beehive whereas before there were none. That puts a smile on her face knowing that somehow she probably has helped all those beekeepers get started and helped one more colony of bees grow.

2020 Master Beekeeper Certification Exam

The Master Beekeeper Certification Committee would like to invite qualified EAS members to apply for this year's certification exam. Persons interested in applying should have a minimum of 5 years as a serious beekeeper in some aspect of apiary management such as a very dedicated hobbyist, a commercial beekeeper, working for a commercial beekeeper or as an apiary inspector. Anyone wishing to take the Master Beekeeper Certification Exam should submit an application and recommendation by email to mbcertification@easternapiculture.org or by mail to Carol Cottrill, EAS Secretary, 60 Rolling Hill Drive, Naples ME 04055. The application and Recommendation forms can be downloaded from the EAS website or requested from the Certification Committee. The deadline for application is June 1st. More information about the Master Beekeeper Certification application process and the exam can be found on the website (www.easternapiculture.org) by hovering over Master Beekeepers and then clicking on Certification.

This year's schedule at the conference will include an open Q & A session on Monday afternoon, August 3, 2020. The written and oral exams will take place on Tuesday, August 4, 2020 and the laboratory and field exams on Wednesday, August 5, 2020.

The Master Beekeeper Certification Committee will be happy to answer questions; our email address is mbcertification@easternapiculture.org

AWARDS AND GRANTS

Awards and Scholarship Application Deadlines

2020 Divelbiss Award Nominations

At each annual conference, the Eastern Apicultural Society presents the Charles and Evelyn Divelbiss Education Award. This award is presented to that person or couple who has - over a period of years - reached out to the non-beekeeping public to explain the value of honey bees in our lives. The nominee does not need to be from your own state or province.

The nomination process is easy. Write a letter outlining how the candidate has reached the general public over the years. Groups, such as 4-H clubs, Scouting organizations, school groups, community organizations,

Lions Clubs, and garden clubs, as well as media interviews and exhibits at county and state fairs, qualify as non-beekeeping public.

Although the main criteria is education of the general public, the letter may also include activities that teach Short Courses and other instructional work toward educating beekeepers and prospective beekeepers. The nominee does not need to be a member of EAS (but the Society would be delighted if the recipient would join).

The deadline for submissions is April 30, 2020.

Nominations and letters of support should be emailed to Secretary@easternapiculture.org.

EAS Mann Lake Scholarship Application

This scholarship, sponsored by Mann Lake Ltd. and created and administered by the EAS Master Beekeepers, was established to encourage a worthy young individual to pursue an interest in honey bees and beekeeping. The Scholarship will provide financial assistance for the selected candidate to attend an annual EAS conference. In addition to the waiver of registration fees by EAS for the short course and the main conference, the Scholarship will provide up to \$1,000 to the successful candidate to offset other conference expenses such as travel and lodging.

The candidate may be any young person between the ages of 18 and 25 who is a full-time student, or is not a full-time student but is currently employed by a commercial or sideline beekeeper and plans to pursue a career in apiculture. If the candidate is a veteran of any branch of the U. S. armed forces, the age limit is 30. The candidate must have been keeping bees for a minimum of one year by the time the conference for which the scholarship is requested begins and although they may have a beekeeping mentor, they must be primarily

responsible for the care of their bees. The candidate must also have participated in a local short course in beekeeping.

Qualified candidates must complete an application form (available on the EAS website) and must provide letters of recommendation from at least two experienced beekeepers, preferably a mentor and another beekeeping individual familiar with the candidate's experience and qualifications. Candidates must also write an essay of no less than two, and no more than three, double-spaced typewritten pages describing their reasons for wanting to attend the EAS conference. The essay should also outline the candidate's ambitions with respect to beekeeping, including both short and long-term plans.

Applications must be received by the Chairperson of the Mann Lake Scholarship Committee by April 30, 2020.

Additional information and the application form can be found on the EAS website: <http://www.easternapiculture.org/master-beekeepers/youth-scholarship.html>. Questions can be sent to the scholarship committee at: MannLakeScholarship@EasternApiculture.org or to Brenda Kiessling, 10610 Hunters Valley Rd., Vienna, VA 22181.

2018 Mann Lake EAS Master Beekeeper Scholarship

Reflections of Abigail Sennett

By Abigail Sennett

My earliest beekeeping memory consisted of my dad getting me my own tiny bee suit and me strutting down the road to an elderly neighbor's house to show it off, I remember her asking me if I was going to grow up to be a beekeeper like my father and I remember saying "well I hope so!" Since that day I have found myself immersed in everything beekeeping related. Traveling around the country to various conferences over the years has provided me with many wonderful opportunities and lessons learned. This past summer I was lucky enough to be the 2018 Mann Lake Scholarship winner and was able to attend the EAS Conference in Virginia. At the conference, I could take a step back from the hectic life my family and I lead as commercial beekeepers and focus on why I love what I do so much.

My family owns a commercial apiary in Maine, we manage several thousand colonies and move to Georgia with them in the winter months. While this

is not a normal lifestyle for a 21 year old I have found an interest in many different aspects of the business. I enjoy the research side of things and have conducted several different studies on the introduction of virgin queens. I have also found a love for creating new products using beeswax and honey.



The EAS conference provided me with various lectures highlighting the things I am most interested in. I could gather new ideas about products I would like to start making for my own business and ways that I could better improve items I am already making like candles and lotion.

One of my favorite speakers was Jamie Ellis and his lecture on bee biology as it made me look at how the honey bee works opposed to just what it does for me. Another favorite was an open forum by Kim Flottum where he answered questions about keeping bees as business. In that open forum, I found it very helpful to hear other people's views on the business side of beekeeping and the unique ideas of how to keep healthy bees while still making a living.

Overall I had a wonderful week in Virginia and I am very grateful for the great people I met and just to have the opportunity to attend.

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FEATURED ARTICLES

Hosting an EAS Conference

by Pam Fisher, 2018 EAS President

Have you wondered how an EAS member state is chosen as the host for an EAS conference? It's a pretty straightforward process. The state's EAS director simply submits a written proposal to the EAS Chairman offering to host a conference for a given year, usually 3 or more years in the future to allow for adequate planning. An well-prepared offer to host a conference is generally met with gratitude and approval by the EAS Board of Directors. But prior to submitting the proposal, a great deal of preparation should have taken place in the host state.

First, the host state's beekeeping association leaders should be excited and supportive of the idea; their assistance will be necessary to stage a successful conference. If your state has EAS Master Beekeepers, it's a good idea to enlist their input as well. Consider how many EAS members your state has; members with EAS conference experience possess the knowledge required to understand the conference planning. Plus they are a great pool of potential volunteers for your committee chairs. If your state has only a few EAS members, it may be in your best interests to work on building EAS participation prior to offering to host an EAS conference.

Once you have determined that your state association's leaders support hosting an EAS conference, you then need to sell your association members on the idea. Remember, you cannot host a conference alone; you will need dozens of volunteers. To build support, ensure that your EAS director or another conference attendee is reporting regularly in your state newsletter, at state meetings, and on your state website about EAS. You want your state to feel a part of EAS and therefore a valuable member with something to contribute. In Virginia, we asked our members to vote on hosting the EAS 2018 conference. And while their hands were raised in approval, state officers reminded them that we would be calling on them later as conference volunteers.

Once the leadership and members have blessed the prospect of hosting an EAS conference, it's now time to get to work identifying a location. Your state should

assemble a site search committee with members from around the state. In a large state like Virginia, it is not reasonable to expect all committee members to visit all potential conference sites. Fortunately, EAS supplies Conference Guidelines which explain the physical requirements for an EAS conference site. In Virginia, our team members visited multiple sites and through email and conference calls, we narrowed our prospects down to two venues which we felt would be equally appealing. Convenience to team members was NOT a site consideration but the proximity to local bee clubs and their members did factor into our analysis.

Initially we were dismayed that there were no schools which would fit our needs. But as we turned our sights to convention centers we discovered they were a better fit. We could find rooms to accommodate 500+ people during the plenary sessions. And classrooms large enough to hold 100+ people during breakout sessions. EAS guidelines also require significant space for the two evening dinners and room for auctions, both live and silent. Other considerations are a secure space for vendors and the honey show, an area to safely assemble an apiary of approximately 30 honey bee colonies with a site for an open bee feeder that will not frighten non-beekeepers. And both the venue and the local government must allow live honey bees on the property.

The next criterion is the surrounding attractions for social events and field trips, a large part of the EAS experience. One venue we considered was close to Washington D.C. with its myriad tourist attractions and



the Beltsville Bee Lab. Hampton was close to the entry point for honey bees into North America and its sandy beaches and historical sites were inviting for a family vacation. The final assessment is the cost of each facility: what is included, what is extra? We ran a cost analysis of leasing the common areas and breakout rooms, the audio/visual rental, the cost of refreshments and meals versus what one can reasonably expect attendees to pay. We approached the local Convention and Visitors Bureau (CVB) for their assistance. To our delight, we were treated like royalty in the hopes we would bring a conference of 500+ people, with its economic impact, to the area. Each Convention and Visitors Bureau lobbied for our business and offered financial incentives to offset the conference expenses. They offered exclusive events to EAS attendees during the conference. For us, cost was the deciding factor between two excellent venues.

Whew, so are you still with me after identifying the venue? Now you need to convince the EAS Board of Directors that you've selected the right place for a conference. Once we presented a report on why we chose the venue we did, the EAS Chairman appointed a site committee to visit the proposed facility. The

committee is made up of EAS officers and directors who volunteer for the job. Once again, enlist the local CVB to wine and dine the VIPs. Once the venue is blessed by the EAS Site Committee, you can begin the actual conference planning.

What I quickly realized was that the site selection was the easy part of hosting the conference. And although I expected the people actively involved in the site search to continue with the conference effort and perhaps take leadership roles as committee chairs, not all were able to do so. Now I turned to the EAS Conference Guidelines for more guidance – what conference committees did we need to establish? Who would serve as the committee chairs?

The conference guidelines have a list of suggested committee chairs and their duties. Plus EAS has its own experienced conference advisory volunteers whose leadership provides continuity in planning. The conference guidelines have a list of suggested committee chairs with their duties listed. I put each of the committee assignments into volunteer signups. We divided the state into geographical sections, each with a volunteer EAS representative willing to travel



to local clubs to promote the conference and recruit volunteers. As the volunteers started signing up, the committees began to take shape. Next hurdle: How would we meet and how often? Fortunately for us, EAS had established WebEx as a meeting tool for conference planning. WebEx enabled us to meet electronically from the comfort of our own homes or by simply calling in from anywhere in the world. But the prospect of running that software and a meeting at the same time was intimidating to me. Enter my first surprise volunteer, Erik Brown, who ended up becoming our conference secretary. Erik did not sign on for the job but his prowess at WebEx, and his ability to organize, soon made it apparent he was the best fit for the position. So, although you may have some idea of who will fill the conference roles in your own state, I encourage you to keep an open mind to folks you meet along the way.

SOME OF THE VOLUNTEER COMMITTEES OR POSITIONS SUGGESTED FOR EASE OF CONFERENCE PLANNING ARE:

CONFERENCE PRESIDENT

In most cases this is the EAS state director but not always. I was our conference president but not our state director. The president should have a good working relationship with beekeepers in the state in general, be on good terms with the state Department of Agriculture personnel (such as the state apiarist and apiary inspectors) and also with the state's Cooperative Extension personnel, including the state apiculturist and those conducting honey bee research within the state. The president is responsible for the overall conference planning and execution which means he or she must be a self-starter, reliable and unflappable. The president is not expected to do all the work; he or she must be capable of delegating and following up cordially with volunteers to ensure tasks are completed without micromanaging. The president sets the "tone at the top" empowering others to perform to the best of their abilities and recognizing them when they do. This is no place for someone who is critical of others, stingy with praise, or self-promoting. It also helps if the president has a good support system – Rick Fisher poured much wine and fixed many late night dinners on planning meeting nights! Keep in mind that your conference president will be the face of your state EAS and will make the planning process either painful or rewarding. Choose wisely.

SITE COORDINATOR

The site coordinator is the assistant to the president and actively involved in all aspects of the conference as it relates to the venue. This person should ideally live close to the conference site as he or she will interface with the venue in regards to conference rooms, meals, audio/visual, security,

parking, vendors, signage and shipping. It is imperative that the president and the site coordinator have a mutually respectful and cordial relationship which allows the site coordinator to work on behalf of the president should it become necessary. The president supports this relationship by supplying the site coordinator with copies of all contracts and correspondence. Al Banwell, our site coordinator in Virginia, had worked security at the Hampton Convention Center while serving on the Hampton police force. Al was familiar with the convention center layout, policies and personnel before we started conference planning which was truly a blessing.

CONFERENCE TREASURER

This person is responsible for developing the conference budget and applying for state sales tax exemption. Someone with an accounting background or CPA designation would be ideal. The conference treasurer will require copies of all contracts and proposals. The treasurer should have the unique ability to gently remind other volunteers of the budget while maintaining a good working relationship with conference chairs. I was fortunate to find that person in Phillip Imel, an accounting professor who has devoted his adult life to volunteering his accounting skills to various nonprofit organizations.

CONFERENCE SECRETARY

The conference secretary's duties are varied; they involve maintaining copies of all correspondence and contracts, as well as documenting all planning meetings. Now that EAS uses WebEx software to enable electronic meeting, the ideal conference secretary would send out meeting reminders, request topics for the meeting agenda, run the WebEx meeting software, and compile the meeting minutes.

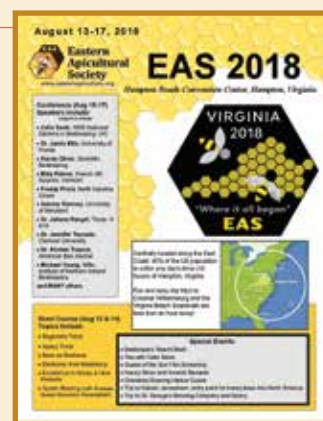
PROGRAMMING

This is the committee responsible for all the subjects and speakers that will be included in the conference and short course program. This committee should include an academic advisor from the state's land grant university such as the state apiculturist. Also include the state apiarist and any members of your state beekeeping association who regularly contact speakers for your state meetings. The responsibility can be split between teams, one programming the short course, one programming the conference, and one organizing the workshops. But they must communicate cordially to coordinate speakers and keep travel and lodging expenses within reason. The chair of the program committee can make or break a conference so choose this person with care. Virginia was fortunate to have Karla Eisen, our EAS state director, as our program chair. Karla and I shared a vision of the Virginia conference featuring diverse, engaging, and entertaining speakers which Karla worked tirelessly to realize.



PUBLICITY

The publicity chair is responsible for crafting and disseminating all public outreach regarding the conference. This includes in-state and out-of-state flyers, videos, and social media press releases.



The publicity chair should coordinate reciprocal advertising with the Western Apicultural Society, the Heartland Apicultural Society and the American Beekeeping Federation. Local newspapers, radio and television stations should be contacted with input from the conference president, the honey show chair and EAS elected officials for coverage the week of the conference. Don't overlook editors of online journals and bloggers; they have a tremendous sphere of influence.

VOLUNTEER COORDINATION

The volunteer coordinator manages volunteers during the conference; he or she checks in volunteers and directs them to their assignments. As a result, the volunteer coordinator must be willing to forego attending most of the conference lectures. Or perhaps split the job between two people to allow each person time to enjoy a few presentations. To facilitate volunteer signups, I introduced EAS to Signup Genius software. Signup Genius allows the volunteer coordinator or committee chairs to build a schedule of volunteer slots and publish the volunteer opportunities to the Internet. If there are volunteers identified for certain areas, such as walk-in registration which requires prior training in EAS registration software, the volunteer names can be entered before opening the signup to the public. The beauty of Signup Genius is that volunteers manage their own time by signing up where they are interested, swapping times with others, or deleting mistaken signups without having to involve the volunteer coordinator. The software notifies the volunteer coordinator and committee chairs of changes made by volunteers and allows the compilation of reports such as hours worked per volunteer or number of unfilled positions. Signup Genius even sends out scheduled email reminders to volunteers. Signup Genius was so helpful in 2018 that EAS opted to continue with the software for future conferences.

SOCIAL EVENTS

A large part of the EAS experience is the social time spent with other conference attendees either on day trips or at evening events. Some



of the social events are repeated annually while others are up to the host state to develop. All should be fun, entertaining, and foster fellowship among attendees. The committee tasked with developing social events can be easily divided into the events which are repeated annually and unique field trips or evening outings. Each social event should remind attendees that they are in the host state. Something as simple as menus featuring local fare or visiting historical sites can create a unique experience that conference attendees remember fondly. Chairs for each event should endeavor to keep them affordable and open to as large a number of people as possible. Attendees often include their family members in social events so planning for participation of 200+ people is prudent.

VENDORS

The vendor hall is a large part of what makes and EAS conference so exciting – being able to peruse the very latest in beekeeping equipment, books, hive designs, even decorative items such as housewares and jewelry, all in one place and geared to beekeepers is part of the conference allure. And vendors are also conference sponsors so treating them well is paramount. The vendor coordinator should ideally have some conference experience either as a vendor or in vendor coordination at the state level. We were fortunate that Bob Talkiewicz, a former vendor and EAS vendor coordinator for years, was willing to reprise the roll in Virginia. Bob was familiar with possible hiccups like loading dock labor issues, shipping and storage fees, costs for pipe and drape and most importantly, how to set up the vendor hall to maximize exposure for each vendor while highlighting those who are conference sponsors.



APIARY

Being able to avail oneself of hands-on instruction in the apiary is what sets EAS apart from most state meetings. EAS



normally has between 20 and 30 hives for both Master Beekeeper testing and for demonstration purposes. A team of EAS bee wranglers has maintained the bee yard for the past several years. To my delight, they agreed to do the same in Virginia. Now to find the bees... I asked our state apiarist, Keith Tignor, for assistance and he identified several beekeepers from around Virginia who were thrilled to bring their bees to Hampton. They received nothing in return other than our gratitude. Our goal was an apiary as diverse as our speakers so our program chair asked several speakers known for alternative hives if they could supply a hive or two for workshops to compliment their presentations. Our site coordinator provided a feeder on the convention center roof to keep the bees fed and watered out of the way of the convention center staff.

HONEY SHOW

The EAS Honey Show is one of the most prestigious honey shows in the US. It is a wonderful educational experience for both participants and visitors; promoting excellence in honey and hive products. We were fortunate that the EAS Honey Show Chairman, George Wilson, is from Virginia. George did not intend to lead the actual honey show in Virginia but relented when I begged him, explaining that I was not connected to the honey show world and would not know where to find qualified judges. The chair publishes the show rules well in advance for both judges and participants. And the chair solicits sponsors for top prizes. In addition to being organized, the honey show chair must also be gentle yet firm when explaining to participants that an entry does not meet EAS honey show criteria.



HOUSING

We were fortunate that in Virginia; our lodging was hotels only. We did not need to worry about dorms, their air conditioning, matching up roommates or reminders to bring toiletries and odd-sized sheets. However, we had to



offer lodging for all budgets. The Hampton Convention and Visitors Bureau kindly arranged for a selection of hotels at different price points and without having to guarantee rooms. We also advertized a nearby campground where several attendees stayed and even found a marina for those wishing to travel to EAS by boat. All lodging should offer handicap accessible accommodations. EAS discounts should be negotiated since beekeepers have to sell the conference expense to their families who may not include beekeepers.

MEALS

Meal planning is the biggest hurdle to opening registration for every conference because individual meal selections are made with each registration. An onsite cafeteria is the ideal solution and should factor into venue selection. Meals may seem like an incidental component of conference planning but they are actually one of the largest expenses. Identifying menus that appeal to the majority of conference attendees and feature local ingredients within a budget is daunting. 25% of EAS attendees eat vegetarian and others have special dietary requests. Refreshment breaks should feature healthful selections geared to keeping attendees awake during presentations. One potential issue is the prohibition many venues have on bringing in outside food; care should be taken to consider catering prices before selecting the venue.



REGISTRATION

The process by which various attendees register is also a hurdle to overcome prior to announcing that conference registration is open. Volunteers, vendors and speakers all have registrations that differ from general EAS attendees. Fortunately, EAS has a support team of trained registration volunteers who facilitate this process; they are familiar with the registration software and have been tweaking the registration process for years. These volunteers travel to each conference, rarely attend a presentation, and get up before dawn each day to greet attendees with a smile at the registration desk. Once the social events and meals are planned by the host state, the registration team works their magic behind the scenes and EAS registration opens to the public!

CHILDREN'S PROGRAM

The EAS children's program has not always been well attended. Some states opt to pay an out-of-state organization to handle the program. Others utilize local 4-H personnel. In Virginia, we had a hybrid program chaired by Thea



Kline-Mayer of the Washington Youth Garden. With help from Master Gardener volunteers at the local child-friendly urban farm, the children's program in Virginia was wildly successful. Since EAS is held when school is not in session, the key to a successful children's program is identifying a venue where parents feel safe leaving their children for a learning experience. We found that the program at a Bluebird Gap Farm, a familiar family-friendly destination, was much better attended than an earlier session at the convention center.

So much to consider...

There are other areas of the conference which must be considered: auctions, signage, transportation, speaker hospitality, etc. but the areas previously listed are where a lead should be identified early to successfully plan an EAS conference. The goal of an EAS conference is not to make a profit; it is to educate beekeepers and fund honey bee research. But if each conference lost money, EAS would soon cease to function. EAS Virginia realized a \$47,000 profit from the annual conference, an amount which far exceeded our expectations. And the reviews from attendees were glowing which made the experience all the more rewarding.

How did we do it?

We started our planning three years in advance. We recruited dozens of volunteers from around the state

and reached out to volunteers from previous EAS conferences. Did we have hiccups? Absolutely – the menu planning was a bear! But each team member knew they were valued; I wanted to hear from them, the good and the bad, and not only in their area of responsibility but anywhere they could constructively contribute. It was a huge team effort that could not have happened without everyone pitching in. Even the families of our volunteers are to be commended – they put up with electronic meetings for over a year!

I believe that hosting a conference is something each EAS member state should consider their obligation. So investigate when your state last hosted an EAS conference. If it's been a while and you have the EAS members to support the endeavor, I highly recommend it to anyone wishing to be a part of something greater than oneself.

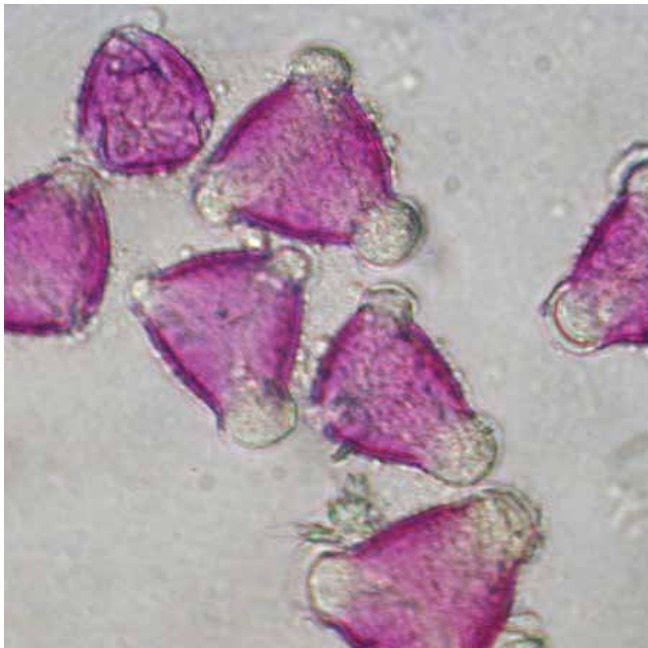


Pollen Identification

by Linda Mizer

While winter in the north leaves us under snowfalls and freezing rain with no sign of flowers on our dormant plants, the southern states continue to enjoy flower and vegetable blooms suitable for foraging honeybees. The images to the right are all southern "winter" forage for honeybees. The image of pollen granules, below, represent pollen from one of the pictured flowers to the right.

1. *Camellia japonica*
2. Squash, *Cucurbita* sp.
3. *Rosa* sp.
4. Snowdrop, *Galanthus nivalis*
5. Fall Aster, *Symphyotrichum oblongifolium*



POLLEN CREDIT:

Science and Plants for Schools. Image found at <http://www.saps.plantsci.cam.ac.uk/pollen/pollen/pages/Camellia%20japonica2.htm>



PHOTO CREDITS: 1) Kathleen Bourn 2) Kathleen Bourn 3) Alejandro Santillana 4) Linda Mizer 5) Greg Peterson (CC BY-SA). No images were altered from their original state



Top: Historical practice of using log hives lying horizontally on the ground. Bottom: Introduction of Langstroth system hives. Right: Adlin Donat receiving his AFDC Certificate of Accomplishment from Damon Wallace - Haiti, 2019.

Hives for Haiti

by Marilyn Parker, Alabama EAS Delegate

This journey begins with a step back in time.....long before Rev. Lorenzo Langstroth's removable frame hive (patent on October 5, 1852), past the general use of the woven skeps era and even past the 16th to the 14th century back to the very primitive log or tree trunk hives. You have arrived in Creve, Haiti. But wait, it is 2012. They are still beekeeping in very primitive log and tree trunk hives. The country is in abject poverty where the average daily wage is four to five dollars a day derived by making coal to be used in cooking fires. And yes, the landscape is becoming devoid of trees as they have become the economic base.

This was the scene that Opelika, Alabama resident, Damon Wallace stepped into. Abject poverty, strained beekeeping practices, very rough terrain and no chance of manufacturing modern equipment was evident. This adventure began from an invitation from a retired Auburn Veterinary Professor to teach Haitian Beekeepers a more productive method. The gardening mission was also to "Feed the Children". Having been a long-time member of First Baptist Church of Opelika, Damon decided he would be a part and as a bonus, it included his passion of Beekeeping. He had taught basic beekeeping for 12 or 13 years in Opelika and this was right up his ally. Claybird Bee Education Association was stepping out with donated equipment from many local Alabama beekeepers and several Georgia beekeeping suppliers to a country that spoke several languages. So with an interpreter, and very little personal gear, the two were off carrying the equipment. It usually turned into a several day hike into the back country to get to the villages they serve.

Mr. Wallace has several close associates that have donated time and effort to make this project a success. No one is paid, the equipment is donated and transportation to Haiti is by container from Orlando then on to Haiti. It is received by agents and held until the team of two take it to the various locations. The team goes twice a year. At the moment, the travel threat to Haiti is at a level 4 as the civil unrest is at an all-time high. The plan is to go back as soon as possible.

Other organizations have given treadle sewing machines and fabrics that have allowed ladies to sew veils and



other protective equipment which is really helping the cause. There are plans to devise a workshop so that they can build the wooden ware that they need. At present, the wood ware is shipped as 10 Langstroth 10-frame supers. A minimal amount of other equipment such as smokers and hive tools were donated. The smoker method that they were using was a banana stalk with a lump of smoking charcoal whereby they blew the smoke in the hive by their own breath. It does work but the can and bellow smoker that Claybird takes them, which we take for granted here, are such a blessing to the Haitian beekeepers. The goal is to make them sustainable.

"Our 5-year Plan is to provide a modest wood working shop in the communities so that most of the beekeeping equipment needed can be manufactured locally. This will provide jobs and will make the equipment readily available to the beekeepers as they need it." Damon said.

They have expanded the work in Creve in 2012, Bombardopolis in 2014 and Mare Rouge in 2016. They are doing a "Train-the-Trainer" program using very competent local beekeepers who receive regular, on-going beekeeping and business training from Claybird. At the end of 2018 we had 30 beekeepers experienced in working with bees in log hives that are now in Langstroths. Both men and women from ages 20-70 are learning everything from basic beekeeping, business concepts and mentoring bringing others into a sustainable way of life. At this point, they are able to use email and social media to communicate between visits.

Please consider becoming a part of this worthy endeavor, both for a struggling nation and the love of honey bees. Contact Damon Wallace / Claybird Bee Education Association at www.hivesforhati.org or dwallace@hivesforhati.org phone 334-524-2077 located at 2003 Highpoint Dr. Opelika, AL 36801

EAS UPDATES

Honey Show Advisory Committee

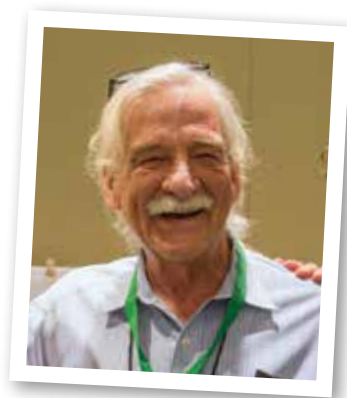
by George H. Wilson

An EAS Honey Show Advisory Committee is a long-standing tradition. Documentation from the EAS journal (started in 1973) indicates the existence of a committee as far back as 1975. On 11/19/19 at the EAS Board of Directors meeting, Lou Naylor, EAS Chairman, appointed an EAS Honey Show Advisory Committee in accordance with this fine and long standing EAS tradition.

The goals of the committee are to maintain the institutional knowledge of the EAS honey show, develop and review on an ongoing basis the honey show rules, procedures and guidelines, conduct a competitive honey show with established judging and other relevant criteria, ensure that the honey show runs in the most efficient and cost effective manner, foster sustainability in the honey show and support the host State in all aspects of producing the annual honey show.

Any substantial proposed changes will be presented to the EAS Board of Directors for consideration. Additionally, the Advisory Committee will review proposals to the Board relating to the annual EAS Honey Show and provide a fully informed opinion for the Board's consideration. The Committee has embraced its mission to formalize EAS institutional knowledge regarding the annual EAS Honey Show and is working on compiling a Policies and Procedures manual and guidelines based on EAS historical precedents to assist incoming EAS Honey Show Conference Chairs. These measures will help to ensure continuity, consistency, and excellence at the annual EAS honey show.

The EAS Honey Show Advisory Committee has, cumulatively, over 150 years of honey show experience. It consists of the following members:



George H. Wilson III – Chairman

Appointed (by EAS Chair Erin Forbes) in 2015 as EAS Honey Show Chairman. EAS Honey Show Superintendent (NJ 2016, DE 2017, & VA 2018), Certified Florida (UFIFAS) Senior Welsh Honey Judge, American and international judging experience

Karla Eisen – Secretary

Assistant Secretary of EAS Honey Show & EAS Honey Show Judge (NJ 2016, DE 2017, VA 2018), Certified Florida (UFIFAS) Welsh Honey Judge, EAS State Delegate (VA), EAS Master Beekeeper

Jennifer Holmes – Communications Coordinator

President of Florida Beekeepers Assoc., Certified Florida (UFIFAS) Senior Welsh Honey Judge, Honey Judge trainer, 2018 EAS Honey Show Judge, University of Florida IFAS Master Beekeeper

Michael Palmer – Member

Revitalized EAS Honey Show in 2012, Long-time advisor to EAS Honey Show Committee, Long time EAS Honey Show Judge, Multiple EAS Honey Show silver plate award winner

Bob Wellemeyer – Member

Past President of EAS, Long-time advisor to EAS Honey Show Committee, Long time EAS Honey Show Judge

Chris Rogers – Rotating Member

Maine EAS 2020 Honey Show Conference Chair, EAS Master Beekeeper, and Apiary Equipment Dealer

Christine Delaney – Rotating Member

Massachusetts EAS 2021 Honey Show Conference Chair, multi-year Topsfield Fair Honey Show Superintendent

Montana Honey Bee Summit



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westernapiculturalsociety.org**

EAS UPDATES

State Meetings

Alabama

Marilynn Parker, EAS Director, Alabama

Alabama Master Beekeepers Symposium and Welsh Honey Judging Course

February 13-15, 2020

Contact www.alabamabeekeepers.com

New Hampshire

Dorinda Priebe, EAS Director, New Hampshire

After two years without having someone in this role, the Commissioner of Agriculture in NH appointed David Priebe, EAS Master Beekeeper, to the position of Apiary Inspector. Our hearts go out to our previous inspector, Ben Chadwick, who lost his dear wife Beverly this fall, his constant companion in life and their bee business. Dorinda Priebe will be appointed to serve an additional 4 year term as EAS Director for NH. Spring State meeting is tentatively planned for March 21, 2020, Anita Collins is on the schedule, location and time to be announced locally and on the NHBA website. Be sure to read our own Heather Achilles, published in the October issue of ABJ with the results of the NH Hive Loss Survey she has championed in our locale.

New Jersey

John Gaut, EAS Director, New Jersey

- Saturday, February 1, 2020 - Winter State Meeting, Keynote speaker: Dr. Keith Delaplane, University of Georgia
- Saturday, May 16, 2020 - Keynote speaker: Dr. Tom Seeley, Cornell University.
- Saturday, November 7, 2020 - Keynote speaker: Dr. Clarence Collison, Mississippi State University.

Meeting locations will be posted at <http://njbeekeepers.org/Calendar.htm>

North Carolina

James Vinson, EAS Director, North Carolina

2020 NCSBA Spring Meeting

- March 5 - 7, 2020
New Bern Riverfront Convention Center
203 South Front St., New Bern, NC
- 2020 NCSBA Summer Meeting
July 23 - 25, 2020
Blue Ridge Community College
180 West Campus Drive, Flat Rock, NC

South Carolina

Nancy Simpson, EAS Director, South Carolina

South Carolina State Beekeepers Association (SCBA)

- Spring Meeting - Feb. 29, 2020, Columbia, South Carolina
- Summer Meeting - July 23-July 25, Anderson, South Carolina

Virginia

Karla Eisen, EAS Director, Virginia

Virginia State Beekeepers Association (VSBA) Summer meeting. June 26 (1pm) - 27th, 2020, Smithfield, Virginia. Featured speakers include Jennifer Berry, University of Georgia Honey Bee Program and Petra Arnhert, Author of Beeswax Alchemy. See: <https://www.virginiabeekeepers.org/>

Prior to the VSBA meeting a 3-hour workshop entitled "Introduction to Preparing, Exhibiting, and Judging in a Honey Show" will be held at the same location on Friday June 26th from 9-12 am. Contact ApiSolutionsBee@gmail.com or (703) 314-8530 for more information.



In Memoriam

RANDOLPH FURBERT 1934-2019

A familiar face at EAS with his lovely lilting voice, Randolph Furbert was best known as Bermuda's "King of Bees." His honey label listed him as Bermuda Beekeeper #5. After a visit to Winston Churchill's summer estate and garden in England, he named his own home and apiary Chartwell. Randolph also served as the President of the Bermuda Beekeepers Association for many years and devoted himself to teaching others about honeybees including a summer youth camp. He proudly displayed a 2003 Queen's "Certificate of Honour" in his Honey house/Beekeeping museum on Fractious Street where he brought many a visitor. Randolph was a frequent attendee at

EAS, ABF, and the Apimondia World Beekeeping Congress which brought him on many international beekeeping adventures where certainly he must have made hundreds of friends. He especially loved going on the various day trips offered including the visit to Jamestown at the last EAS he attended in 2018 in Virginia. In 2001 he participated in the Smithsonian Folklife Festival in Washington, D.C. complete with an observation hive. Randolph was described by many as a role model, a guide, and a leader and will be greatly missed. You can hear a delightful brief interview with Randolph here: http://www.communityandculture.bm/kb_articles/view/31



PHOTO CREDIT: OlaUSAola, <https://www.flickr.com/photos/60894043@N06/6235656554/>

EAS MAINE 2020

EAS 2020 Maine Program Highlights

Jennifer Lund, Maine State Apiary Inspector, and Dave Priebe, New Hampshire Apiary Inspector and EAS Master Beekeeper have developed an outstanding Short Course and Conference program for the 2020 EAS annual meeting. The Short Course features complete two-day programs at Beginner, Intermediate and Advanced levels. Speakers include EAS Master Beekeepers Jon Zawislak (AR), Steve Repasky (PA), Landi Simone (NJ), Bill Hesbach (CT), Allen Hayes (MD), and Vince Aloyo (PA); Apiary Inspectors Meghan McConnell (NJ), Louis Cauble (NC), Tammy Horn Potter (KY), Natasha Garcia-Andersen (DC), and Kim Skrym (MA); plus Maine bee experts such as Neal Kober and Lincoln Sennett.

The Short Course will also include full-day sessions on Beyond Honey (cosmetics, beeswax artistry), working with microscopes (with some real experts) and queen rearing (led by Tucka Saville, a New York queen breeder). There will be two full days of Apiary workshops from our popular bee wranglers (Don Hopkins and Jennifer Keller) and others.

The Maine Conference opener will include Ernesto Guzman, Sue Cobey and Maine's own Matt Scott on Wednesday. Afternoon workshops include the latest information from Sam Ramsey, Dewey Caron, Tom Seeley, C. Bee, and presentations from some of our EAS award winners. In the afternoon, Sarah Red Laird will offer tips for how to educate youngsters about bees. Sam Abban will explain what the USDA Bee Lab does.

Thursday keynoters will include Sam Ramsey, Cindy Bee, and one of our award winners. You won't want to miss this power speaker lineup. Afternoon sessions will include presentations from award winners and a mix of our favorite speakers. Special workshops will include Cooking with Honey, photography with Thalassa Raasch, and bee lining with Tom Seeley. The apiary will be open for more bee inspection. Sarah Red Laird will present her always outstanding children's program.

The Friday morning program presentations are by individuals who were awarded funding from the EAS Foundation for Honey Bee Research. Ashley St. Clair of Iowa State will discuss forage and fecundity. Cornell researchers will discuss the longevity of virus in comb, and researchers from Texas A & M will present on macronutrient ratios in honey bee diets. The afternoon workshops will be the last opportunity to hear from our award winners, plus outstanding workshops on pollen by Bill Hesbach (CT) and Andrea Nurse (ME), and beeswax candle making by Martin Marklin (NH). Michael Young will be cooking in the kitchen, and a special three part Recipe-to-Market workshop will teach how to optimize opportunities for honey-value added products.

Topics during the week vary from varroa to seasonal management to products of the hive and everything in between. There is something for every beekeeper in 2020. Plan now to attend – you won't want to miss this short course and conference!

Jennifer Lund, Short Course, David Priebe, Conference, and Dewey Caron, Program Advisor



Short Course Schedule

SUNDAY, AUGUST 2

Schedule may be subject to minor changes.

Sunday	
4:00-7:00 pm	Registration Open DONALD P. CORBETT BUILDING (DPC) Lobby
5:00 pm	EAS BOARD MEETING (TBD)

MONDAY, AUGUST 3

Monday EAS 2020 SHORT COURSE									
7:30-4:00	Registration DONALD P. CORBETT BUILDING (DPC) Lobby						APIARY	HONEY SHOW COLLINS 3 rd floor	VENDORS COLLINS LOBBY
LEVEL	BEGINNER	INTERMEDIATE	ADVANCED	BEYOND HONEY	MICROSCOPY MURRAY LABS (2)		Nucs: Making, Using, Selling Steve Repasky	Honey Show & Steward Training <i>Bodwell Lounge, CCA</i>	CLOSED
8:15-9:15	Basic Honey Bee Biology John Zawislak	Nucs: Making, Using, Selling (In the Apiary) Steve Repasky	Using Pesticides Around Bees John Pietroski	Comb and Creamed Honey Neal Kober	Introduction Basic Bee Anatomy Linda Mizer	Introduction Nosema & Tracheal Mite Diagnosis Karen Thurlow			
9:30-10:30	Building & Using Equipment Neal Kober	Evaluating a Queens's Performance (To requeen or not to requeen?) Jennifer Keller	Scaling Up, Going Commercial Abbey and Lincoln Sennett	Cosmetics (lotions, lip balms, beeswax soap) Landi Simone	Nosema & Tracheal Mite Diagnosis Karen Thurlow	EFB & AFB Diagnosis Sam Abban			
10:30-11:00	30 Minute Break								
11:00-12:00	A Year in the Apiary Part I: Basics, Start, Spring/Summer Meghan McConnell	Gadgets You Could Keep Bees Without, But Won't Want To Allen Hayes	Cut Outs & Bee Removals Steve Repasky	Hive Remedies Cindy Holt	EFB & AFB Diagnosis Sam Abban	Basic Bee Anatomy Linda Mizer	Evaluating a Queens's performance (To requeen or not to requeen?) Jennifer Keller	Karla Eisen, Brutz English, Jennifer Holmes, George Wilson, Michael Young	
12:00- 1:30	Lunch Bear's Den, Memorial Union								

AFTERNOON								
LEVEL	BEGINNER	INTERMEDIATE	ADVANCED	BEYOND HONEY	On Campus Activities	APIARY	Master Beekeepers	VENDORS COLLINS LOBBY
1:30-2:30	A Year in the Apiary Part 2: Fall/Winter Kim Skyrn	Swarm Management (In the Apiary) Lewis Cauble	Native Bees Part 1: Native Bees Pollinator Habitat Eric Venturini Frank Drummond	Wax Rendering Anne Fry	Hudson Museum Collins Center, 2nd floor <			

Short Course Schedule

Schedule may be subject to minor changes.

TUESDAY, AUGUST 4

Tuesday EAS 2020 SHORT COURSE									
7:30-4:00	Registration DONALD P. CORBETT BUILDING (DPC) Lobby				APIARY	Master Beekeeper	HONEY SHOW COLLINS 3rd floor	VENDORS COLLINS LOBBY	
LEVEL	BEGINNER	INTERMEDIATE	LEARNING	QUEEN REARING	How to Run an Open Hive Session Tammy Horn Potter	MB Written Exam Murray Biology Building	CLOSED	CLOSED	
8:15-9:15	All About Mites!! Jennifer Lund	Honey Bee Pheromones Vince Aloyo	How to Run an Open Hive Session (In the Apiary) Tammy Horn Potter	Evaluating Queens Tucka Saville				VENDORS OPEN	
9:30-10:30	Mite Monitoring & Management (In the Apiary) Kim Skrym Lewis Cauble	Management & Manipulations: Timing & Proper Management Techniques Steve Repasky	How to Develop a New Beekeeper Class Meghan McConnell	Queen Rearing in Your Backyard Tucka Saville					
10:30-11:00	30 Minute Break							Mite Monitoring & Management Kim Skrym Lewis Cauble	
11:00-12:00	Hive Autopsies Jennifer Lund	Managing Observation Hives Phil Gaven	Fostering the Next Generation: Working with Kids & Bees Maine K-12 Teachers	Grafting Tucka Saville					
12:00- 1:30	Lunch Bear's Den, MEMORIAL UNION								

AFTERNOON									
LEVEL	BEGINNER	INTERMEDIATE	LEARNING	Queen Rearing	Campus Activities	APIARY	Master Beekeeper	HONEY SHOW COLLINS 3rd floor	VENDORS COLLINS LOBBY
1:30-2:30	Southern Problems Louis Cauble	Urban Beekeeping Natasha Garcia-Andersen	Preparing, Showing, & Entering Products for the Show Bench Michael Young	Selling Queens Developing a Queen Breeding Business	Hudson Museum Collins Center, 2nd floor	What to Expect When You are Inspected State Bee Inspectors	MB Oral Exams Murray Biology Building	CLOSED Drop Off Honey Show Entries	OPEN
2:45-3:45	Managing for Honey Meghan McConnell	What to expect When You are Inspected Part 1 State Bee Inspectors	Talking to The Media Jon Zawislak	Making & Maintaining a Queen Bank	Farmers Market Steam Plant Parking Lot 2:30-5:30				
3:45-4:15	30 Minute Break								
4:15-5:00	Ask Phil Beginner Phil Craft	What to Expect When You are Inspected Part 2 State Bee Inspectors	What is a Master Beekeeper? Panel Discussion Q&A EAS Master Beekeepers	Alternative Hives					
7:00-8:30 7:30-9:30	Honey Bee Buzz In DONALD P. CORBETT BUILDING Story Concert BANGOR ARTS EXCHANGE								

Short Course and Conference Schedule

WEDNESDAY, AUGUST 5

Schedule may be subject to minor changes.

Wednesday 2020 EAS					
7:30-4:00	Registration DONALD P. CORBETT BUILDING (DPC) Lobby				
8:00-8:30	EAS Conference Opening and Introductions COLLINS CENTER AUDITORIUM				
8:30-9:30	Ernesto Guzman Impact of <i>Varroa</i> on honey bee health and future control				
9:30-10:30	Sue Cobey Enhancing the U.S. Honey Bee Gene Pool through Germplasm Importations				
10:30-11:00	30 Minute Break				
11:00-12:00	Matt Scott Climate Change and how it affects honey bees and beekeepers				
12:00-1:30	Lunch Bear's Den, MEMORIAL UNION				
		APIARY	Master Beekeeper	HONEY SHOW COLLINS 3rd floor	VENDORS COLLINS LOBBY
		MB Field Exams	MB Lab Exam	Drop Off Honey Show Entries	VENDORS OPEN
			MB Field Exams (In the Apiary) 10-4:30	CLOSED FOR JUDGING	

AFTERNOON											
	CCA Auditorium	DPC Auditorium	DPC	DPC	Murray Biology Building	In the Kitchen with My Honey Hitchner Hall	Educator Sessions	APIARY	Master Beekeeper	HONEY SHOW COLLINS 3 rd floor	VENDORS COLLINS LOBBY
1:30-2:15	Good News in Beekeeping Dewey Caron	Native Habitat Mitigates Feast-Famine Conditions Ashley St. Clair	2020 Hambleton Award Winner	What Beekeepers Need To Know About Yellow Jacket Wasps Allen Hayes	What the USDA Bee Lab Does Sam Abban	Cooking with Honey Rob Dumas	Teaching Bees to Children Sarah Red Laird 1:30-3:45pm	MB Field Exams 10-4:30 Apiary Demos	Field Exams (cont.) 10-4:30	CLOSED FOR JUDGING	VENDORS OPEN
2:30-3:15	Effects of Prebiotics & Probiotics on N. ceranae Ernesto Guzman	TBD	The Craft of Bee Hunting Tom Seeley	The Sticky Subject of Propolis Jon Zawislak	Nosema Detection NH Honey Bee Diagnostic Network	Cooking with Honey					
30 Minute Break											
3:45-4:30	Varroa Anatomy: Why it Matters to Your Bees Sam Ramsey	2020 Student Award Winner	Doppler Radar Bee Monitoring Herbert Aumann	The Importance of Failure Phil Gaven	Nosema Detection NH Honey Bee Diagnostic Network	Cooking with Honey					
5:00-8:00	Lobster Bake and BBQ – University Mall Honey Bee Olympics										

Conference Schedule

THURSDAY, AUGUST 6

Schedule may be subject to minor changes.

Thursday 2020 EAS					
7:30-4:00	Registration DONALD P. CORBETT BUILDING (DPC) Lobby				
8:00-8:30	Introductions COLLINS CENTER AUDITORIUM				
8:30-9:30	Sam Ramsey Tropilaelaps Up Close and Personal: Face to Face with a Mysterious Bee Mite				
9:30-10:30	C. Bee The Appalachian Beekeeping Project				
10:30-11:00	30 Minute Break				
11:00-12:00	2020 Award Winner				
12:00-1:30	Lunch Bear's Den, MEMORIAL UNION				
12:00-1:30	LIFE MEMBERS LUNCH Wells Conference Center, 2 nd floor				

AFTERNOON											
	CCA Auditorium	DPC Auditorium	DPC	WORKSHOPS	In the Kitchen with My Honey Hitchner Hall	Campus Activities	Children's Program	APIARY	HONEY SHOW COLLINS 3 rd floor	VENDORS COLLINS LOBBY	
1:30-2:15	Rearing High Quality Queens & Drones Sue Cobey	Honey Bee Flight and Sexual Reproduction Bill Hesbach	There's Money in Honey Maggie Wachter	Photography (Indoors) Thalassa Raasch	Honey Caramels Lise Hamel	Hudson Museum 2 nd floor CCA Page Farm & Home Museum	Kids & Bees Sarah Red Laird University Gardens and Apiary	Bee Lining Demonstration Tom Seeley	OPEN	VENDORS OPEN	
2:30-3:15	Seasonal Management of Honey Bee Colonies Ernesto Guzman	The All-Important Queen: Heart of the Hive Jon Zawislak	Reviewing the Scientific Method C. Bee Debbie Delaney	Photography (In the Apiary) Thalassa Raasch	Honey Pecan pie Dorinda Priebe			Photography Thalassa Raasch	Opening Reception Bodwell Lounge 2 – 5 pm		
30 Minute Break											
3:45-4:30	TBD	Varroa Management: How Mites Should be Treated Sam Ramsey	Honey Bee Health Coalition Dewey Caron	Brewing with Your Bees Maggie Wachter							
5:00-6:00	Social with Cash Bar and Silent Auction Wells Conference Center										
6:00-8:00	Buffet and Honey Show Awards Wells Conference Center										
8:00-9:30	LIVE AUCTION BENEFIT Wells Conference Center										

Conference Schedule

FRIDAY, AUGUST 7

Schedule may be subject to minor changes.

Friday EAS 2020					
7:30-12:00	Registration DONALD P. CORBETT BUILDING (DPC) Lobby	APIARY	Master Beekeeper	HONEY SHOW COLLINS 3 rd floor	VENDORS COLLINS LOBBY
8:00-8:05	Introductions COLLINS CENTER AUDITORIUM		MB Annual Meeting 7:30-8:30	OPEN	VENDORS OPEN
8:05-8:50	Ashley St. Clair "Forage and Fecundity: Does apiary location affect queen quality and brood production?"				
8:55-9:40	Emma Mullen, Dr. Christina Wahl, Dr. Bryan Danforth "Honey bee viruses found in comb from dead overwintered colonies"				
9:45-10:30	Juliana Rangel Posada, Alexandria Payne, Pierre Lou "Optimizing macronutrient ratios in honey bee diets as a mechanism for pathogen defense"				
10:30-11:00	30 Minute Break				
11:00-11:20	Welcome to EAS 2021 - Massachusetts				
11:20-12:00	EAS Membership Meeting				
12:00-1:30	Lunch Bear's Den, MEMORIAL UNION				
12:30-4:00	PICK UP HONEY EXCHANGE				

AFTERNOON										
	CCA Auditorium	DPC Auditorium	DPC	Products of the Hive	Recipe to Market: Cashing in on Value-added Opportunities	In the Kitchen with My Honey Hitchner Hall	APIARY	Master Beekeeper	HONEY SHOW COLLINS 3 rd floor	VENDORS COLLINS LOBBY
1:30-2:15	Viruses of Honey Bees Ernesto Guzman	The Lives of Bees: The Untold Story of Honey Bees in the Wild Tom Seeley	Pollen: Biological Giant in a Microscopic Grain Bill Hesbach	Beeswax & Candle Making Part 1 Martin Marklin	Part 1: Business & Economics of Food Products James McConnon	Cooking with Honey Michael Young	Apiary Demos		OPEN	OPEN
2:30-3:15	Challenges of Bee Breeding & Practical Selection Methods Sue Cobey	TBD	Pollen Identification (UMO Gardens) Andrea Nurse	Beeswax & Candle Making Part 2 Martin Marklin	Part 2: Specialty Food Markets Louis Bassano	Cooking with Honey		Master Beekeeper Exam Review Session	CLOSED PICK UP Honey Show Entries	CLOSED
30 Minute Break										
3:45-4:30	The Honey Bee Landlord: Why Everything Wants to Live in Your Hive Sam Ramsey	Thermo-regulation and the Condensing Colony Bill Hesbach	Pollen Identification (Murray labs) Andrea Nurse	Making Mead for Competition Maggie Wachter	Part 3: Food Safety & Food Processing Regulations Beth Calder	Cooking with Honey	CLOSED			
5:00-6:00	Social with Cash Bar Wells Conference Center									
6:00-9:00	Banquet Dinner, Awards, and Thank yous Wells Conference Center									



Tom Seeley, Horace White Professor in Biology at Cornell University, bee lining. Join him in the apiary on Thursday August 6th for a bee lining demonstration.

Accommodations

Dormitory Accommodations

Dormitory rooms are available on campus at the University of Maine in Orono for the 2020 conference. Please read carefully about campus accommodations before registering online.

Please note: Dormitory registration is separate from Conference Registration.

There are three room options:

- 1) **Adult Single room** \$62/night per person (one twin bed, common bathroom on hallway)
- 2) **Adult Double room** \$41/night per person (two twin beds, common bathroom on hallway)
- 3) **Suite-style living** \$77/night per person (one common living area, shared common dining area, kitchenette (stove, refrigerator, microwave), shared bathroom, 3-4 individual bedrooms with one twin bed each)



Dormitories are within short walking distance of the conference venue. Linens are provided at no additional cost (sheets, blankets, pillow, towels and wash cloths). Dormitories are not air-conditioned. Guests may bring a small portable electric fan if they wish.

MEALS

Breakfast, lunch, and dinner will be available at the **Hilltop Dining Commons**. All meals are “all-you-care-to-eat.” Cash or Credit/Debit cards accepted. Lunch also will be available at the **Bear’s Den Facility** in the **Memorial Union**. Lunch is “a la carte” and “pay as you go.” Cash or Credit/Debit cards accepted.

DORMITORY CHECK-IN:

Sunday, August 2, 2020, 2PM – 8PM at the dormitories (Somerset, Oxford, Patch).

Monday – Wednesday, August 3 – 5, 2020, 7:30AM – 5PM at the conference registration desk in the lobby of the **Donald P. Corbett (DPC) Business Building**.

DORMITORY CHECK-OUT:

Please check out at the conference registration desk located in the Donald P. Corbett (DPC) Business Building between the hours of 8AM – 5PM. Information for Saturday check-out will be provided at time of check-in.

CANCELLATION POLICY:

A \$10 per person cancellation fee will be applied to all housing cancellations made on or **before July 26, 2020**. NO refunds will be given for cancellations made **after July 26, 2020**. Please email rebecca.huffstutler@maine.edu or call 207.581.4093 for cancellations.

The University of Maine, Orono campus is **non-smoking**.

DORM REGISTRATION: <https://umaine.edu/conferences/current-registrations/>

CAMPUS MAP: <https://umaine.edu/wp-content/uploads/sites/2/2019/09/2019-2020-campus-map.pdf>

Area Accommodations

August 3 - 7, 2020

Please note August is high tourist season in Maine. Reserve rooms EARLY to get the best rates. Visit individual websites for a complete list of amenities at each location. EAS provides this information to conference attendees as a reference and for convenience only. Please fully research locations before making reservations.



University Inn Academic Suites, Orono, ME

5 College Avenue, Orono, Maine

- <http://www.universityinnorono.com>
- Call for reservations **before July 14, 2020**: 1-800-321-4921 or 207-866-4921
- Conference code: **Eastern Apicultural Society**
- Rates start at **\$109/night + tax**
- *Please note: This location has two floors but NO ELEVATOR.*



Courtyard Marriott, Bangor, ME

235 Sylvan Road, Bangor, Maine

- www.marriott.com/hotels/travel/bgrcy-courtyard-bangor/
- Call for reservations before July 3, 2020: 207-262-0070
- Online reservations before July 3, 2020: [Book your group rate for Eastern Apicultural Society Conference](#)
- Conference code: Eastern Apicultural Society
- **\$145/night + tax**



Quality Inn, Bangor, ME

750 Hogan Road, Bangor, Maine

- <https://www.choicehotels.com/maine/bangor/quality-inn-hotels>
- Call for reservations **before July 19, 2020**: 207-942-7899
- Conference code: **Eastern Apicultural Society**
- **\$75/night + tax**



Bangor Inn & Suites, Bangor, ME

701 Hogan Road, Bangor, Maine

- www.bangorinnandsuites.com
- Call for reservations: 1-800-244-0355 or 207-947-0357
- Conference code: **Eastern Apicultural Society**
- **\$90/night + tax**
- *Note: Rates are good except on concert nights. Concert dates announced Dec-Jan.*

Area Accommodations (continued)



Country Inn at the Mall, Bangor, ME

936 Stillwater Avenue, Bangor, Maine

- www.countryinatthemall.net
- Call for reservations **before July 2, 2020**: 1-800-244-3961 or 207-941-0200
- Conference code: **EAS 2020**
- **\$90/night + tax**



Hilton Garden Inn, Bangor, ME

250 Haskell Road, Bangor, Maine

- <https://hiltongardeninn3.hilton.com/en/hotels/maine/hilton-garden-inn-bangor-BGRBAGI/index.html>
- Call for reservations **before July 12, 2020**: 207-262-0099
- Online reservations **before July 12, 2020**: www.bangor.hgi.com
- Conference code: **EAS20**
- **\$169/night + tax**



Hampton Inn, Bangor, ME

261 Haskell Road, Bangor, Maine

- <https://www.hilton.com/en/hotels/bgrskhx-hampton-bangor/>
- Call for reservations **before July 12, 2020**: 207-990-4400
- Online reservations **before July 12, 2020**: www.bangor.hgi.com
- Conference code: **EAS20**
- **\$169/night + tax**



Comfort Inn, Bangor, ME

10 Bangor Mall Road, Bangor, Maine

- www.choicehotels.com/maine/bangor/comfort-inn-hotels/
- Call for reservations **before July 26, 2020**: 207-990-0888
- Online reservations **before July 26, 2020**: <https://www.choicehotels.com/reservations/groups/MH29S1>
- Conference code: Eastern Apicultural Society
- **\$159/night + tax**



Milford Motel on the River, Milford, ME

174 Main Road (Route 2 East), Milford, Maine

- <http://milfordmotelontheriver.com>
- Call for reservations: 1-800-282-3330
- **Please note: reservations begin after January 1, 2020**
- Conference code: **Eastern Apicultural Society**
- **Rate: \$89 - \$132/ night + tax**

Campgrounds



Paul Bunyan Campground, Bangor, ME

1858 Union Street, Bangor, Maine

- 207-941-1177
- Online reservations: www.paulbunyancampground.com
- **\$24 - \$48/day + tax**; weekly rates available



Pumpkin Patch RV Resort, Hermon, ME

149 Billings Road, Hermon, Maine

- 207-848-2231 or 1-866-644-2267
- Request reservations online: www.pumpkinpatchrv.com
- **\$38 - \$50/day + tax**; weekly rates available



Cold River Campground, Eddington, ME

211 Riverside Drive, Eddington, Maine

- Call for 2020 season rates & reservations: 207-922-2551
- www.coldrivercampground.com
- (2019 rates: **\$30 - \$89/day + tax**; weekly rates available)



Pleasant Hill Campground, Hermon, ME

45 Mansell Road, Hermon, Maine

- Call for 2020 season rates & reservations: 207-848-5127
- Online reservations: www.pleasanthillcampground.com
- (2019 rates: **\$24 - \$80/night + tax**; weekly rates available)

Johnson's Bees and Supplies

Beekeeping Equipment and Supplies
Queens, Nucs, and Spring Packages
Store Hours: Mon., Tues., Thurs., Fri. 10-5
and Saturday 10-2

Allen and Marie Johnson

744 Tinker Creek Road
Williston, SC 29853

803-645-6725 or 803-645-0969
johnsonsbeesupply.sc@gmail.com
www.johnsonsbeesandsupplies.com



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EAS BUSINESS

EAS 2019 Board of Directors Meeting

EAS BOARD OF DIRECTOR'S MEETING MINUTES

November 19, 2019 – 7:00 pm

Via WebEx

CALL TO ORDER

Lou Naylor called the meeting to order at 7:07 pm.

STATES/PROVINCES IN GOOD STANDING

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

STATES/PROVINCES WITH EXPIRED DUES

Florida, Louisiana, Michigan, Illinois (vacant), Mississippi (vacant), Wisconsin (vacant), Canadian Maritime, (vacant), Ontario (vacant), Quebec (vacant)

PROXIES

Carol Cottrill for Steve Repasky

ELECTION OF NEW DIRECTORS

The following nominations were received and approved by the Board:

- RI (2023) Cynthia Holt
- SC (2021) Nancy Simpson
- DC (2023) Kevin Platte

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; Marilyn Parker, AL; Bob Bauer, DE; Kevin Platte, DC; Mary Cahill Roberts, GA; David Hocutt, IN; Tammy Horn Potter, KY; Patty Wong, MD; Dorinda Priebe, NH; John Gaut, NJ; Ben Carpenter, NY; Doug Vinson, NC; Vincent Aloyo, PA; Cindy Holt, RI; Nancy Simpson, SC; Karla Eisen, VA; Sam Golston, WV.

Absent: Buddy May, Past President; John Baker, CT; Roger Blanco, FL; Wesley Card, LA; Steve Repasky, Master Beekeepers; Rich Weiske, MI; Michael Coulter, TN.

Committee Chairs and Guests: Erik Brown, Wild Apricot Lead; Albert Chubak, Historian; Chris Rogers, 2020 Honey Show; Keith Inglin, Webmaster; Landi Simone, Master Beekeeper Certification; George Wilson, Honey Show Advisory Committee; Michelle Collopy; Peggy Garnes.

SECRETARY'S REPORT- Carol Cottrill

The minutes of the July 14, 2019 Board of Director and July 19, 2019 Annual Business Meeting were distributed via email. A motion was made to approve the minutes as distributed, voted and passed.

TREASURER'S REPORT - Jacky Hildreth

The interim financial reports were distributed by email (copies attached).

Ninety-nine percent of the bills from the 2019 conference have been received. Last year the conference made money and the investments suffered losses. This year the reverse occurred with a loss of approximately \$4,600 on the conference and some gain in investments. Year to date EAS is showing an overall loss of around \$4,900.

CHAIRMAN'S REPORT – Lou Naylor

Looking forward to the 2020 Conference in Maine. Massachusetts has submitted a bid for 2021 and a site visit for the Board will be scheduled for the spring. Both New York and Georgia are interested in hosting in 2022.

PAST PRESIDENT'S REPORT (EAS 2019) – none

PRESIDENT'S REPORT (EAS 2020) - Peggy McLaughlin

The program is nearly complete. Speaker bios and photos are being collected and will be posted on the EAS website soon. There are around 55 speakers confirmed. Accommodations information for hotels is complete. Details regarding campus dorm registration are being finalized with the University. Registration is just around the corner and we are waiting for the 2020 Registration Chair to be granted access to Wild Apricot as an administrator to facilitate registration planning. The EAS Chair and Vice-Chair are returning to the University of Maine campus in Orono on Thursday. Field trips and events are being planned that include a visit to a local commercial apiary and woodenware manufacturer. A new venue for the Story Concert has been identified. A call for stories appeared in the Fall Journal. Restaurant tours to nearby Bangor will be facilitated on Monday and Tuesday evening. For those staying on campus, dinner will be available in one of the cafeterias.

The lobster bake and picnic is scheduled for Wednesday evening and will include the Honey Bee Olympics. The Thursday buffet and auction and Friday dinner and banquet will be held at the Wells Conference Center on campus. Vendors will be located in the Collins Center for the Arts where the Wednesday–Friday plenary sessions will take place. This space has maximum exposure and foot traffic during the conference. Additional vendor space will be available in the Donald P. Corbett Business Building.

Master Beekeeper certification exams will take place in the Murray Biology Building where there are adequate classrooms for the written and oral exams as well as laboratory space. The apiary will be located behind the Murray Building. The program chairs are working to maximize use of the bee yard with open hive demonstrations and instruction every day. Multiple microscopy sessions will be available during the Short Course in the Murray Building, and members of the New Hampshire Honey Bee Diagnostic Network have been invited to demonstrate Nosema detection in the laboratories during the main conference.

A Children's Program is scheduled during the main conference, led by Sarah Red Laird, "Bee Girl". Sarah will also conduct a Train-the-Trainer style class for educators on how to teach children about bees. The Maine Ag in the Classroom Summer Teachers Institute will be held at the University the same week. Teachers from the Institute will be invited to join EAS attendees for this class. CEUs will be awarded through the University for participants.

Multiple workshops will be available including various beeswax demonstrations, pollen identification, photography, mead making, a special three part Recipe-to-Market workshop focused on honey-value added products, and Cooking with Honey demonstrations in the

University commercial kitchens. The Xerces Society will have a representative leading sessions on native bees.

Lunches will be at the University cafeterias and “pay-as-you-go” with cash or debit/credit cards. The EAS 2020 promotional video and flyer are on the EAS website and can be shared. Interest and excitement is building around the state of Maine and in the region, and response to volunteer solicitation has been high. A conference app is being explored for use during the 2020 conference as a trial.

The 2020 planning team members are doing an outstanding job, working very hard, and looking forward to hosting the conference next summer.

SITES:

2021 – Mary Duane

Massachusetts sent a letter asking to host in 2021. They have identified a site – University of Massachusetts Amherst in western MA – and dates of July 26 – 30, 2021. A motion was made and seconded to accept Massachusetts as host for 2021. Voted and passed. Mary Duane will be the Vice President this year.

The University will be on Spring Break the week of March 16, 2020. We will try to schedule a site visit/Board meeting on Saturday 3/21/20.

2022 – Ben Carpenter

New York sent a letter asking to host in 2022. They have a suggested venue, Finger Lakes Community College in Canandaigua, and dates of July 10 – 15 or 17 -21, 2022. Ben presented a Power Point showing the venue and areas for possible activities during the conference. The earlier July date might conflict with the HAS Conference; the later date might allow attendees to attend the Empire State honey Producers picnic which is held in the area.

2022 - Mary Cahill Roberts

Georgia also sent a letter asking to host in 2022. Georgia has hosted many conferences in the past. They have not picked dates or a specific site yet but have several possible sites that are available in the Atlanta area.

After discussion on the merits of each proposal, and acknowledging that both are excellent and worth pursuing, a motion was made to accept the proposal from New York mainly because their committee had already found a specific site and dates for a conference.

The vote was 14 for the New York proposal, 7 against and 2 abstentions. Ben Carpenter will be the President for the New York Conference in 2022.

We hope that Georgia will reapply for the 2023 conference. If any other state wishes to be considered for 2023 they need to get a letter of intent submitted as soon as possible.

COMMITTEE AND OTHER REPORTS

Awards Committee –Deadline for submission of nominations for Hambleton, Roger Morse, Student award is February 1, 2020. Kim Carpenter has volunteered to chair this committee and one additional person will need to be appointed to this committee..

Divelbiss – The Secretary chairs this committee. A notice has been sent out – the deadline is April 30, 2020 – and another reminder will be sent in the spring.

Finance – Jacky Hildreth

Still waiting for the last of the 2019 conference numbers so no meeting has been set.

Membership – Bob Bauer

Membership renewal date is now based on the date last renewed. State Association dues are still due on September 1st. Directors will get a quarterly report of lapsed members (dues not paid for a year) from their state so they can contact them – preferably by phone. Inactive members are those who have not paid dues in more than a year.

Total Members	2836	State - ACTIVE	Missouri	3	
Active Members	1472	Alabama	15	Nebraska	1
Lapsed Members	1364	Alberta	1	Nevada	1
Active Members - Life	561	Arizona	1	New Hampshire	
Active Members - 1 year renewal	571	Arkansas	5		24
Active Members - 2 year renewal	147	blank	4	New Jersey	96
Active Members - 3 year renewal	150	California	8	New York	95
Active - State Association	24	Colorado	4	N Carolina	130
Active - Corporate	19	Connecticut	35	Nova Scotia	1
Total	1472	Delaware	26	Ohio	37
		D. C.	6	Ontario	32
Lapsed - State Association		Florida	22	Oregon	2
Florida		Georgia	53	Other	15
Louisiana		Idaho	1	Pennsylvania	115
Ontario		Illinois	6	Puerto Rico	2
Quebec		Indiana	7	Quebec	3
		Kentucky	15	Rhode Island	20
		Louisiana	2	S Carolina	150
		Maine	42	Tennessee	31
		Manitoba	1	Texas	9
		Maryland	148	Utah	2
		Massachusetts	68	Vermont	17
		Michigan	13	Virginia	168
		Minnesota	7	W Virginia	26
		Mississippi	1	Wisconsin	1

Historian – Albert Chubak

Albert hopes to make historical materials more accessible to EAS members. Erin will be getting the pallet of materials from the warehouse in January so that it can be sorted and inventoried.

Honey Bee Health Coalition – Tammy Horn Potter

The spring meeting was held in Louisville KY. HBHC had a booth at Apimondia and Tammy was able to work with Peggy to promote the 2020 conference in Maine. Over the past year the varroa decision tool was launched and Tammy worked with Dewey Caron to prepare a Best Management Practices manuscript. They hope to host another Pollinator Protection Plan Summit again next year. Tammy can provide updates for the Journal; Linda will send a timeline with deadlines for the next issues.

Honey Show

2020 Honey Show - Chris Rogers

Presented a proposal for incentives to increase participation for the honey show. The plan would be to solicit gift certificates for the top three winners of each class, similar to the Gamber award and the Ross round awards currently given. Better Bee has offered gift certificates of \$100, \$50 and \$25 for 1st 2nd and 3rd place in the Gadgets category. Several vendors have indicated that that gift certificates or gift cards are a good investment of their advertising money. The board approved this approach.

Liberty Hill Enterprises from Barnesville GA has also offered a cash donation of \$500 for best of show. Chris would like to defer this to the Honey Show Advisory Committee for discussion.

There will be some minor rule changes to the black jar, section honey and whole frame categories, the photography rules will be reviewed and a new category for short videos is proposed. Chris will work with the committee to finalize the changes needed in the rules for 2020. A motion was made and seconded to accept any small changes made by Chris and the committee. Voted and passed.

EAS Honey Show Advisory Committee

This committee was appointed by the Chair and the members will include George Wilson, Karla Eisen, Michael Palmer, Jennifer Holmes, Bob Wellemeyer, Chris Rogers (2020), Christine Delaney (2021). The host state Honey Show Chair will automatically be added to the committee. The Honey Judges Certification proposal presented at the last board meeting and the proposal to make mead from the Black Jar Class will be handled by this committee. The committee will consult with those who made the proposals (Steve Genta and Mary Cahill Roberts) and report at the spring board meeting.

Honey Bee Research – 2020 requests for proposals went out November 2nd. Deadline of February 1, 2020

Journal – Linda Mizer

The next publication date is scheduled for January 15, 2020 and the deadline for submission of material is December 15. A list of members who receive the Journal by mail is needed by the submission deadline for each issue. The spring Journal is scheduled for publication on May 15, 2020. Directors are encouraged to submit information on their state association meetings. Landi will work with the Master Beekeepers to provide articles highlighting some of our MBs.

Life Membership - Mary Duane

Mary is scheduling Betty Mencucci as speaker for the Life Luncheon. Erin suggested treating her as a speaker and giving some compensation (conference registration) for her many years of experience with EAS.

Mary will step down as Life Membership Chair after the 2020 conference to focus on the 2021 conference in Massachusetts. Any Director interested should contact Lou.

Mann Lake EAS Scholarship

Notice was sent out to Directors with the application form and deadline of April 30, 2020. A reminder will be sent out in the spring.

Master Beekeepers and Master Beekeeper Certification - Landi Simone

Many Master Beekeepers will be involved in the short course in Maine and Carin Zinter is working with them for the short course in Massachusetts.

This year 21 candidates were tested and there were six new Master Beekeepers certified. The Certification Committee will be reviewing the field exam procedure and score sheets this year. To involve new MBs there is a procedure in place to have them shadow testers for the field and oral exams.

Policy & Procedures

Data Privacy Policy – Bob Bauer, Eric Brown

A policy regarding member contact data collected and used in Wild Apricot was presented. To protect the privacy of members the use of this data needs to be monitored and restricted to those who have signed a statement that they have read and understand the policy. A motion was made to accept the policy with one grammatical correction, voted and passed. The policy will be added to the EAS Policy and Procedure Manual. Erik Brown was appointed Wild Apricot Lead.

EAS Secretary Procedure – Carol Cottrill

Currently there is not a job description/procedure in the EAS Policy and Procedure Manual for this position. The Board approved the draft policy submitted for inclusion in the P & P Manual.

Webmaster – Keith Inglin

There has been discussion that the conference materials submitted for the website are not completed in a timely manner. Since different people are providing the materials each year it is sometimes difficult to get things done. A policy on how materials are submitted, posted, promoted would be helpful.

There are some issues with the website as it is now: the front page is too static and could use updated materials to make people want to revisit the page. The Master Beekeepers are not placed in a prominent position and some new candidates find it difficult to access information on how to become a Master Beekeeper.

UNFINISHED BUSINESS

None

NEW BUSINESS

Consider a Website Committee with a goal of providing continuity from year to year since the committee members working on the conference change each year.

ADJOURNMENT

The meeting was adjourned at 10:00 p.m.

Submitted by Carol Cottrill

EAS Secretary

2019

Balance Sheet Previous Year Comparison

	Jan - Oct 2019	Dec 31, 18	Dec 31, 17	Dec 31, 16
ASSETS	INTERIM			
Current Assets				
Checking/Savings				
Checking - TD Bank	2,105.25	34,207.28	29,479.95	66,347.53
EAS2018 Checking	0.00	10,001.46	10,151.70	0.00
EAS2019 Checking	3,976.23	0.00	0.00	4,682.55
Edward Jones				
Account	27,297.51	11,467.80	15,508.43	13,109.70
Petty Cash	880.36	0.00	0.00	0.00
Total Checking/Savings	34,259.35	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	0.00	180.00	0.00	0.00
Total Other Current				
Assets	0.00	180.00	0.00	0.00
Total Current Assets	35,479.35	55,856.54	55,070.08	84,739.78
Other Assets				
Certificate of Deposits	29,996.52	44,146.96	39,687.19	34,795.53
EAS Endowment (DCF)	182,796.64	164,839.81	179,670.16	157,537.79
EAS Endowment (FAS136)	2,880.26	2,597.31	2,831.00	2,482.30
Honey Bee Research				
Foundation	131,562.83	118,638.90	129,312.64	113,383.48
MB Youth Scholarship				
Fund	0.00	0.00	0.00	0.00
Total Other Assets	347,236.25	330,222.98	351,500.99	308,199.10
TOTAL ASSETS	382,715.60	386,079.52	406,571.07	392,938.88
LIABILITIES & EQUITY				
Liabilities				
Current Liabilities				
Accounts Payable				
Accounts				
Payable	0.00	-3,431.00	4,450.24	2,060.25
Total Accounts				
Payable	0.00	-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	0.00	-3,431.00	4,450.24	2,060.25
Total Liabilities	0.00	-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	-4,980.28	-12,610.31	11,242.20	7,285.52
Total Equity	382,715.60	389,510.52	402,120.83	390,878.63
TOTAL LIABILITIES & EQUITY	382,715.60	386,079.52	406,571.07	392,938.88



**Eastern Apicultural Society of N.A.,
Profit & Loss Previous Years Comparison**

	Jan - Oct 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	7,404.95	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	3,584.41	419.14	519.18	222.05
Membership Dues	20,920.00	27,265.00	21,980.00	18,955.00
Unrealized Gains/Losses	32,536.87	-22,468.19		
Transfers				
Total Income	66,106.23	11,052.20	69,689.38	38,034.75
Gross Profit	66,106.23	11,052.20	69,689.38	38,034.75
Expense				
Bank Service Charges	4,009.30	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	8,373.42	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	495.19	624.46	387.75	8.91
Professional Fees	25,438.30	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	6,465.74	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	66,455.62	74,679.00	64,325.19	57,785.04
Net Ordinary Income	-349.39	-63,626.80	5,364.19	-19,750.29
Other Income/Expense				
Other Income				

Conference Accommodations	0.00	240.00	28,574.00	34,880.00
Conference Attendee Fees	100,621.37	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	163,629.87	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	2,177.99	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	7,758.38	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	5,285.61	9,490.57	6,038.87	2,443.00
Raffle Ticket Winners	0.00	0.00	0.00	80.00
Social	2,322.83	8,575.70	2,085.00	4,411.22
MB Youth Scholarship Exp	1,000.00	0.00	0.00	0.00
Speakers	21,265.99	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	168,260.76	158,309.51	191,793.49	167,718.66
Net Other Income	-4,630.89	51,016.49	5,878.01	27,035.81
Net Income	-4,980.28	-12,610.31	11,242.20	7,285.52

EAS Executive Committee, Directors, and Contacts

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