



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

VOLUME 48, NUMBER 1 SPRING 2021



Honey Bee Health Coalition

REVIEW THE LATEST NEWS FROM THE COALITION

Master Beekeepers

HONORING AARON W. MORRIS

A Look Ahead to Kentucky

BE CONNECTED AT THIS YEAR'S UPCOMING CONFERENCE IN KY!



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WELCOME, From the Desk of the Chair

What interesting times we are living in!

When it became clear this year that Massachusetts would not be able to host our conference due to the state's Covid restrictions, we had to make some hard choices about how we were going to develop a conference. Massachusetts graciously offered to help in any way it could. After receiving the results of the EAS poll that showed the majority of our members would prefer an in-person conference, we asked if any Directors thought that they might be able to safely host a conference. Usually, a conference has at least two years of planning from the members of that state and the EAS committees, and the reduced timeframe for planning this year would require tight planning. Dr. Leonard Davis from Kentucky bravely stepped up with just six months to go!

Leonard is a native of Kentucky, the son of a coal miner, and grew up helping on his grandfather's farm where his grandfather kept bees. He has always been interested in Biology and Science. He attended the University of Kentucky in Lexington, majoring in agricultural studies while completing the Pre-veterinary curriculum. In 1989, Leonard received a Doctor of Veterinary Medicine degree from the Auburn University College of Veterinary Medicine in Alabama.

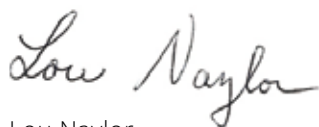
Dr. Davis is the owner of Davis Animal Clinic in Louisville, KY and an accredited veterinarian with the USDA Animal Plant Health Inspection Service. He is the current President of the Bullitt County Beekeepers Association and has around 30 colonies of bees in his self-sustaining apiary, where he raises his own queens. Leonard has passed three of the four EAS Master Beekeeping tests and hopefully will pass the fourth test at this conference.

Like the saying "If you want to get something done - ask a busy person", we are extremely grateful for Leonard's willingness to host and he has been a joy to work with. We are looking forward to an educational, fun, safe conference.

There have been many questions about having a hybrid conference. We will not be holding it simultaneously, but we hope to offer a few presentations in a Members Only section of our webpage after the conference.

The EAS 2021 conference is coming together very nicely with a great lineup of speakers planned. **Please keep your membership up-to-date so that you will be the first to hear when registration opens. Emails will go out to current members by early May.**

I hope you will come to Kentucky and *Bee Connected* with your EAS friends.



Lou Naylor
Chair, EAS



Dr. Leonard Davis



HONEY BEE HEALTH COALITION

News from the Honey Bee Health Coalition

by Tammy Potter and Dewey Caron

EAS has supported the Honey Bee health Coalition (HBHC) since its inception in 2013. The Honey Bee Health Coalition continues its work to develop the tools and resources farmers and beekeepers need to protect pollinators and to ensure honey bees thrive in agricultural landscapes. The Coalition includes membership from almost 50 groups including beekeeper, grower, State/Federal researchers, government agencies, agribusinesses, conservation groups, manufacturers, and consumer brands. EAS representative Tammy, with a seat on the Steering committee, actively works to help shape program.

HBHC is taking collaborative action to improve honey bee health by addressing the 4 P's: hive pests, pathogens, poor nutrition, and pesticide exposure. Our major approach is for all beekeepers and those we interact with to utilize an integrated approach to pollinator health. Although last year challenged the ways in which our members work (cancelled in-person meetings, etc.), the Honey Bee Health Coalition members were able to make progress on core areas, as briefly summarized below.

BEES ON PUBLIC LANDS

Public lands – including those managed by the U.S. Department of Agriculture (USDA), U.S. Forest Service (USFS) and other federal agencies multi-purpose 245 million acres of habitat--comprising 1/10th of U.S. land. The majority of these federal acres are west of the Mississippi River compared to the smaller percentage of federal lands (10 million acres), located east of the Mississippi River. In the western U.S., beekeepers rely on access to public (and private) lands to provide a “time out” for their colonies. Public lands can provide a balanced diet to improve overall nutrition for bees. Unlike other permitted forage animals (cattle and sheep for example), the bees harvest nectar and pollen non-destructively, i.e. without negatively impacting either the land or the forage. Such forage can, in turn, ensure successful crop pollination and

honey production. Most generally the bees



**HONEY BEE
HEALTH
COALITION**

use public land locations only temporarily.

A July 2020 petition to the USFS by the Center for Biological Diversity, Xerces Society and others has heightened debate regarding permitting of honey bee apiaries and the interactions of honey bees with native pollinators. The Honey Bee Health Coalition has worked to ensure awareness of the subject and to provide background on past Coalition conversations on this topic and a sampling of relevant scientific resources. The science is mixed and ongoing, but most studies show honey bees do not generally endanger native pollinators. The two national bee organizations and EAS and WAS signed on to a letter the Coalition sent to USDA and USFS administrators requesting fair use of and the importance of public lands for honey bees. No action was taken at the federal level regarding the petition.

USDA/EPA POLLINATOR STATE OF THE SCIENCE WORKSHOP

In September 2020, several EAS area individuals and Coalition members were participants in a “Pollinator State of the Science Workshop” co-hosted by the U.S. Department of Agriculture (USDA) and U.S. Environmental Protection Agency (EPA). The Workshop served as a stakeholder forum to discuss science and research priorities related to pollinators in agriculture. Suggestions on research priorities and goals were identified. There will be a USDA report on research priorities, which should not be interrupted by the change of administration resulting from the 2020 election. Various states are continuing to work on evaluations of early progress from the previous administration (2015) MP3's (Managed Pollinator Protection Plans), though funding has been minimal. HBHC helped co-organize a Washington, DC workshop for that effort in 2017.

HIVE TREATMENT INFORMATION

Most beekeepers are aware that there is a lot of misguided information on treating hive pests and disease. We have some informative tools free to download. We only recommend legally registered products, materials, or techniques that we know work. You can access *Tools for Varroa Management* and our easy-to-use *Varroa Management Decision Tool* or our instructive videos on how to sample and use both chemical and non-chemical controls. Hive management tools available include *Best Management Practices, Identifying and Mitigating Foulbrood in Honey Bee Colonies, Information for Beekeepers and Veterinarians* and some resource references.

Still many beekeepers are using unregistered treatments — or registered treatments not in accordance with their label instructions (often called “off-label” treatments). Off-label treatments are not only illegal, but could also hurt you and your bees. Another consequence of such usage could also mean hive pests and diseases become resistant to the very tools we as beekeepers need and rely on. Tammy and Dewey worked on a new one-page guide *Registered Medications*

and Pesticides for Honey Bee Health. We prepared one for U.S. beekeepers and another for Canadian beekeepers. We list all the current, legal, registered products that effectively control the most common hive pests and disease. These include American and European Foulbrood, nosema, small hive beetles, tracheal mites, varroa mites, and wax moths.

LOOKING AHEAD TO 2021

Although we will not meet “in person” during the spring, the Coalition is looking forward to launching a variety of new resources, demonstration projects, and cross-sector dialogues in 2021 on topics of pollinator habitat, crop pest management, and hive pest and disease management. We continue to push for testing of additional possible varroacides. Tammy and Dewey are also working on specific information targeted toward larger scale beekeepers. Jerry Hayes, in his role as Bee Culture editor, has prepared overviews on HBHC; the January *Bee Culture* has his 3rd installment. Please do not hesitate to contact either Tammy or Dewey for further information, concerns or ideas for future projects.

For further information, you can sign up for Coalition updates and visit the HBHC website <https://honeybeehealthcoalition.org/> for resources to manage varroa mites, protect pollinators from incidental pesticide exposure, and for information on plant forage.



MASTER BEEKEEPERS



Master Beekeeper News

Landi Simone, MB Certification Committee Chair

The Master Beekeeper community is saddened by the loss of two of its own: Bob Harvey of NJ and FL, and Aaron Morris of NY. Both men were extraordinary beekeepers, and their loss will be keenly felt by all those their lives touched. We've lost way too many friends these past few years. It's time we had a year with some good news!

That good news is that EAS will host an in-person conference in Sherpherdsville, KY. The announcement was greeted with cheers by all the Master Beekeepers involved in the testing of candidates hopeful of earning the certification. We had just, after much agonized deliberation, decided that it would not be possible to fairly administer any part of the exam remotely, so the opportunity to return to in-person testing after a year-long hiatus, was welcome news indeed.

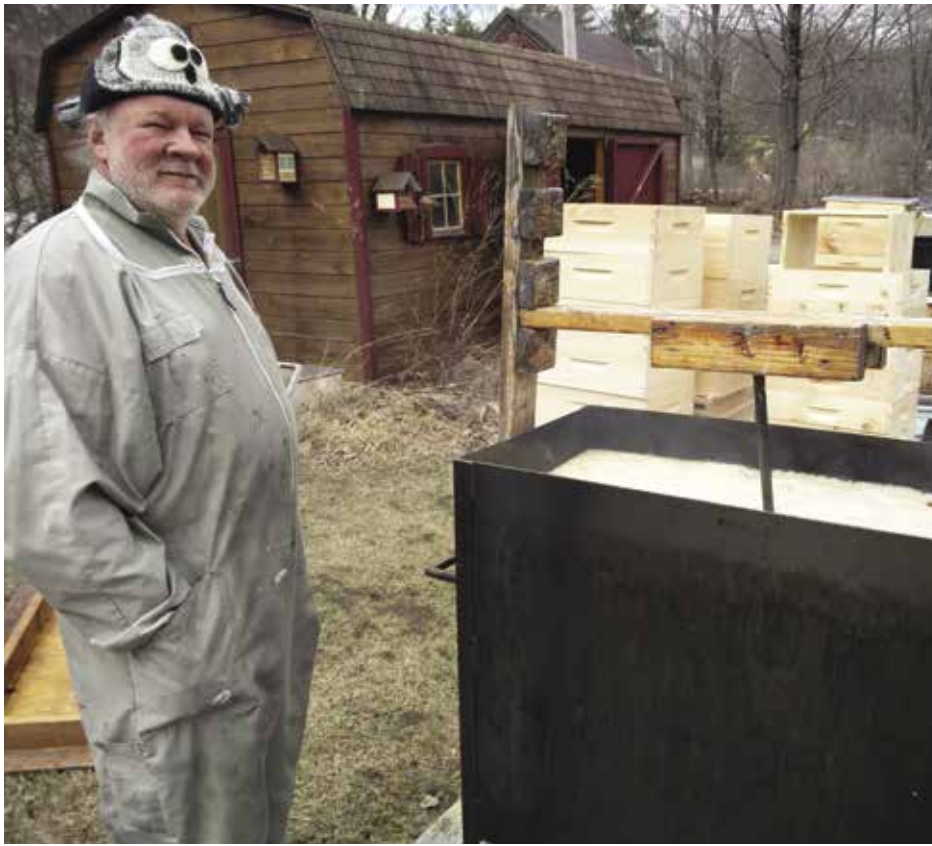
As most of you know, we have a "Five Year Rule," which states that once a candidate has begun the testing

process, he or she has a total of five years in which to successfully complete all four parts of the exam. I want to reiterate that no one will be penalized for the loss of testing in 2020. If, for example, 2020 would have been your fifth year with one last test remaining to pass, you will still be able to take that test in 2021 in Kentucky.

We will likely administer the exam on Wednesday and Thursday of the abbreviated three-day conference, although this has not yet been definitively decided. Details will be forthcoming in a future Journal.

Master Beekeeper candidates, take note! In order to comply with appropriate social distancing, EAS is only able to accept 300 participants in the 2021 conference. If you plan to take the exam this year, be sure to submit your testing application by April 15. Conference registration details will follow immediately thereafter to assure you may attend the conference.

I am so excited to finally get to see all of you this summer! It's been far too long!



Honoring a Master Beekeeper

AARON W. MORRIS

JANUARY 3, 2021

Aaron Morris, “The Bee Man”, has passed.

Aaron W. Morris, 66, passed away on Sunday, January 3, 2021, at his home surrounded by his family. He was born in Saratoga Springs and was a 1972 graduate of Shenendehowa Central Schools and a graduate of SUNY Albany, majoring in mathematics and computer science, class of 1981. Aaron was one of the first computer specialists to work at SUNY Albany. He retired in 2011.

Aaron started keeping bees in the 70’s, well before the advent of Varroa. When the mites arrived and many beekeepers were throwing away their hive tools, Aaron stepped up to the plate, accepted the challenge, and got more bees. By 2013, he was running 150 colonies at 5 locations. He produced both nucs and queens for sale to local beekeepers.

Aaron was certified as an EAS Master Beekeeper in 2000. The core of the Master Beekeepers’ mission is education, and Aaron took that mission very seriously. He served as President of the Empire State Beekeepers Association and taught many beekeeping

classes throughout the northeast. He was a member of the Empire State Honey Producers, and the Southern Adirondack Beekeepers Association, holding numerous positions in those organizations.

Bill Hesbach, Cheshire, CT remembers Aaron: “I will cherish the beekeeping stories he told me and the rides around his property in his golf cart. He ran about 200 colonies and his yards were arranged in large circles with the entrances facing inward and he was proud to say how could manage a whole yard by driving around the perimeter - ever the engineer Aaron was one of the brightest guys I ever met. He made a great crop of honey each year and some of the best I ever tasted.”

One of Aaron’s biggest accomplishments was being the moderator of BEE-L, the oldest and longest continuously running listserv forum devoted to the discussion of beekeeping and bee biology since 1995.

Medhat Nasr, Edmonton, Alberta writes “I have known Aaron for so many years. When Dr. Ed Southwick the first owner and moderator of Bee-L passed away. Aaron stepped in to carry on this role as moderator and kept it running. It is amazing this forum has grown and has become an international forum to address



and discuss bees at all levels from beginners to sideliners and commercials. Researchers, educators are also involved and continued to contribute to this forum. It is so amazing that Aaron kept this forum focused on bees issues away from any politics. Indeed, we will miss Aaron. Rest In Peace my friend.

I am glad to hear Allan has stepped in to carry on this role and moderate this forum.

Thank you Allan!"

Upon hearing of Aaron's passing, Randy Oliver posted this acknowledgement on BEE-List: "Aaron dedicated his life to the often difficult task of moderating a bunch of often contentious beekeepers in order to provide a polite and informed worldwide discussion of beekeeping issues. Thanks to Aaron, Bee-L became an important part of my life, as well as a connection to other beekeepers open to informed discussion. We are all better beekeepers thanks to Aaron, and with great love I honor him and all he's done for the benefit of the beekeeping community. Hats off to our beloved Aaron Morris!"

Bill Mares, or Mares Apiaries, writes, "Aaron's death is a sad moment for beekeepers world-wide. He was a champion herder of the "cats" on BEE-L. His mind was clear as a bell, even if his home gave a new definition to the word "cluttered." He had a generosity of spirit and a restless curiosity we'll all miss. The last time I spoke to him, he enthused about a drone he'd bought to do his early spring out-yard inspections when his truck couldn't negotiate the mud."

Aaron was not above poking fun at himself. When interviewed for a local paper, The Saratogian, he was asked if he'd ever had any "funny experiences." Aaron answered, "I don't know if it's funny. But beekeepers work with a smoker to calm bees when they are working around them. You're supposed to keep the

smoker in a metal smoker box. I tried to save a few dollars by putting mine in a plastic container. One time I was driving down the Northway and I noticed a big cloud of smoke coming off the back of my truck. The plastic container caught fire from the smoker. Then, a bale of hay in the back of my truck caught fire. I stopped and threw the hay bale off just in time because I had a plastic gas can in the truck, too. It had actually started to melt. The next day I went and bought a metal smoker box for \$27. I figured that was better than having to spend \$35,000 for a new truck."

Fiona O'Brien recalls, "I remember meeting Aaron at Eastern Apiculture Conference, he was wearing a much more humorous name tag and fooled me! Rest in peace, Aaron."

Aaron was never one to shy from controversy. His opinions and feelings were always well known, and frequently led to an enrichment of the discussion. He rigorously advocated on behalf of those who kept a smaller number of hives and was outspoken on behalf of continuing education for beekeepers, and the merits of New World Carniolan queens, queen excluders, medium supers, and hive stands. He preferred his bee yards organized in circles with the entrances facing inwards. Aaron enjoyed all aspects of gardening, including special gardens for bees, butterflies, and birds. He especially enjoyed the company of family, friends, and his adopted second family, the residents of the Village of Round Lake.

His loss will be felt keenly in the beekeeping community.

Memorial contributions in memory of Aaron may be made to the Fund for the Preservation of the Round Lake Auditorium and Organ, c/o AP3, PO Box 546, Round Lake NY 12151

AWARDS AND GRANTS

2021 Mann Lake Eastern Apicultural Society Master Beekeeper Scholarship

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.

Get your favorite young bee person to apply. Applications are due April 30, 2021. Our best candidate-finders are EAS members; if you have a young person working in your business or apiary or club—tell them and encourage them to apply.

It's a great opportunity.

2021 MANN LAKE EASTERN APICULTURAL SOCIETY MASTER BEEKEEPER SCHOLARSHIP APPLICATION

Manner of Award of the Scholarship

- EAS will waive the scholarship recipient's registration fees for both the short course and the main conference.
- Conference expenses such as standard on-site lodging and meals (including special social events, BBQs, and Friday night banquet, etc.) will be paid from the scholarship fund on behalf of the successful candidate.
- The scholarship will provide a budget for travel expenses up to \$500, which may include airfare or mileage reimbursement. Travel expenses below \$500 will be reimbursed at actual expense incurred.
- Travel expenses to and from the conference will be paid to the candidate following submission of receipts for travel such as airline vouchers, or mileage and receipt of the required article for the EAS Journal. Travel expenses will not be paid in advance, but will be reimbursed as soon as possible following receipt of documentation.

Scholarship Eligibility

- 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 sideliner 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.
- The candidate may have a beekeeping mentor, who can be a parent or other experienced adult, but must be primarily responsible for the care of his or her bees.
- The candidate must have participated in a local short course in beekeeping.

Scholarship Application

- Qualified candidates must complete an application form providing their basic contact information, brief

beekeeping experience and education, and other relevant data.

- Candidates 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. If possible, this individual should be a Master Beekeeper, state apiarist, educator or research/extension specialist in the home state of the candidate. These letters of recommendation should be sent directly by the person providing the recommendation to the Master Beekeeper Scholarship Committee.
- Candidates must 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 Master Beekeeper Scholarship Committee by April 30 of the year in which the applicant plans to attend the EAS conference.
- Persons who are not U.S. Citizens are eligible for this scholarship. Individual applicants are responsible to determine their need for a visa, and their ability to obtain a visa by the end of May in the appropriate year. EAS conference dates vary slightly from year to year, and thus applicants are advised to confirm the dates of the meeting and all travel.

Award Criteria

- Preference will be given to candidates who, in the judgment of the Scholarship Committee, are serious in their commitment to apiculture. For example, a serious candidate may be planning to pursue a career as a commercial beekeeper, an entomologist, a researcher in apiculture, a queen breeder, or similar profession. A dedicated hobbyist may also win the scholarship, but preference will be given to candidates planning to pursue a career in apiculture.
- The candidate must be an EAS member.
- The candidate must be of good character, responsible, hard-working and honest. It is expected that, while attending the conference, the successful candidate will behave in a responsible and respectful manner.
- Following the conference, the scholarship recipient will prepare an article for the EAS Journal, of at least one column in length, or as indicated by the Journal Editor, describing his or her experiences at the EAS conference. The article should include photographs and discuss how attending EAS has influenced the recipient's beekeeping knowledge and post-conference experiences. The article should be submitted no later than six months following the end of the conference.

Nominations are now being accepted for the 2021 Mann Lake Eastern Apicultural Society Master Beekeeper Scholarship.

The deadline for submissions is April 30th. Nominations and letters of support should be emailed to *Secretary@easternapiculture.org*.

Additional information and the application form can be found on the EAS website:

<http://www.easternapiculture.org/master-beekeepers/youth-scholarship.html> or on the following page of the journal.

Mann Lake Eastern Apicultural Society Master Beekeeper Scholarship Application



Applicant Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Date of Birth: _____ Citizenship: U.S. Canada

Email: _____

Home Phone: _____ Mobile phone: _____

How and when did you get started keeping bees? _____

Tell us about your beekeeping experience (How many colonies do you have? Where you keep them?)

Have you ever attended any beekeeping classes on basic or advanced topics? Please describe:

Mann Lake Eastern Apicultural Society Master Beekeeper Scholarship Application



Applicants should provide at least two letters of recommendation from experienced beekeepers that they know. These letters should preferably be written by a mentor and another beekeeping individual familiar with the applicant's experience and qualifications. If possible, these recommendations should be provided by a Master Beekeeper, state apiarist, educator or research/extension specialist in the applicant's home state. Individuals providing recommendations should send their letters directly to the Scholarship Committee at **MannLakeScholarship@EasternApiculture.org** or by mail to the address at the bottom of this page. These letters must be received no later than April 30, 2021.

Please list the individuals providing letters of recommendation on your behalf:

(1) Name: _____

Email: _____

Relationship to applicant: _____

Experience in beekeeping: _____

(2) Name: _____

Email: _____

Relationship to applicant: _____

Experience in beekeeping: _____

Please attach to this application an essay of two to three pages in length, typed and double-spaced, that describes your reasons for wanting to attend the EAS conference. You should also explain what your plans and goals are for future beekeeping activities, both in the short and long term.

Applicant's Signature

Date

Submit this completed application, with your essay, to MannLakeScholarship@EasternApiculture.org or by mail to Brenda Kiessling, 10610 Hunters Valley Rd., Vienna, VA 22181.

Divelbiss Award

2021 NOMINATIONS OPEN

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. You may wish to announce this request for nominations at beekeeping meetings and in their newsletters. Feel free to contact officers of state and local organizations to request their suggestions for possible candidates and letters of support.

The nomination process is easy. Write a letter outlining how the candidate has reached the 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 are edification of the 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, 2021. Nominations and letters of support should be emailed to Secretary@easternapiculture.org.



FEATURED ARTICLES

Two Emilys - Training New Beekeepers

By Dewey M. Caron

A common effort among beekeepers is in training of youth, the next generation. A number of clubs offer student membership rates, reduced fees for students to attend bee short-courses, youth scholarships, recognition of younger beekeepers (including EAS) or other incentives to attract youth. Here is a story of two Emilys. Both are actively seeking to recruit and train future EASers.



EMILY WINE, DELAWARE

Emily Wine began as Apiary Inspector in Delaware during this Covid-19 virus year. This winter she is teaching in the Delaware Beekeepers Virtual Beekeeping Course and talking to beekeepers at their monthly meetings.

Emily, from Brooklyn, became interested in bees as a college sophomore Environmental Sciences major at Cornell University. At that time, she was active in the Dilmun Hill Student Farm and on the farm steering committee. Michael Smith, a PhD student of Tom Seeley and EAS Student Award winner (2017), was interested in locating bee colonies on the farm and reinvigorating a Beekeeping Club. Emily enthusiastically endorsed the idea and volunteered to transfer a cutout to populate bee boxes stored at the farm. She quickly picked up the basics of colony care.

The Cornell University Beekeeping Club, like the Dilmun farm, is and remains entirely student run. The club, using equipment from an earlier beekeeping adventure, eventually grew to 4 hives. Club members gather for hive inspections every 2 weeks and organize activities such as disease inspection and candle making and host speakers on bee topics. They take the Finger Lakes Beekeepers Club course and are active with the NY Bee Wellness program.

They sell honey on campus. The club maintains both Facebook and a website. <https://www.facebook.com/CornellUniversityBeekeepingClub/>

Emily, following graduation, served as an Apiary Inspector for the State of Pennsylvania for one season. She left to pursue a Master of Science in Entomology in Dr. Doug Walsh's lab at Washington State University focusing on enhancing habitat for the solitary alfalfa leafcutter (*Megachile rotundata*) and Alkali Bee (*Nomia melanderi*) in the Walla Walla Valley.

During her graduate studies, she assisted in starting a student beekeeping club at Washington State University. After graduating with her Master of Science in 2018, Emily worked for commercial beekeepers in the Sacramento Valley area east of San Francisco for just under a year before moving back east as Delaware Apiary Inspector.



EMILY PAINTER VERMONT

Emily Painter began with bees on her family farm outside Dallas, OR in 2009 at age 11. Emily would eventually manage 5 hives while in high school. Emily joined the local bee club Willamette Valley Bee Association (WVBA), serving as club secretary during her junior and senior high school years. Following high school graduation, she took a “gap” year to live and work at Scotney Castle in Kent, England. The Castle was under renovation, and she had a chance to explore the preservation efforts sparking an interest in Anthropology.

She returned to the U.S. to study Civil Engineering to gain background in building structure at the University of Vermont (UVM). During her orientation to the University, Emily found the interest desk for the UVM Beekeepers Club. She would serve as UVM Beekeeper Club President for the next two years. She helped the club grow in membership and become proactive in educational and outreach efforts. The club apiary was moved from the Hort farm to an on-campus location. The club offered weekly tours for students and sponsored several on-campus speakers. Club honey is sold in the Student Union. <https://www.uvm.edu/cals/pss/student-organizations>. The Beekeeper Club

was instrumental in obtaining the Bee Campus designation for UVM in 2018. There are only 18 such campuses nationally, and we are the only one in New England

Club members would often carpool to Addison County Beekeeper events in Middlebury (Addison County slogan is ‘Land of Milk and Honey’). Middlebury is home of the Mraz family, including the celebrated evangelist for the therapeutic use of bee stings, Charley Mraz (deceased). Another county beekeeper is Kirk Webster, well known northern survivor stock queen breeder and a

third is Ross Conrad, regular columnist of *Bee Culture*.

Now finishing her senior year, following graduation Emily is headed back to England to begin Graduate studies at the University of Leeds. She will study structural engineering with an emphasis on restoration of historic buildings. And if they encounter a bee colony living in the walls, Emily will be sure to join in its removal and hiving.

Full Disclosure: I was an undergraduate at UVM 2000-2004; our Grange Advisor (I was UVM student Grange Master) Enoch Thompkins, was author of a popular New England Beekeeping book but I was not “into” bees at that time. I did my PhD with bees at Cornell under Dr. Roger Morse. As faculty at University of Delaware 1981-2009, I interacted with the DDA Apiary inspector on a regular basis. Mark Starrett, founder of UVM Beekeeper Club in 2016, was a student in my Beekeeping Class at the University of Delaware. Finally, I was one of the guest speakers of the UVM Beekeeper Club when Emily was President and at WVBA when Emily was Secretary. It is truly a small world.

UPCOMING CONFERENCE

Bee Connected

by Dr. Linda A. Mizer

EAS is based on connection — Connection with beekeepers of all levels through educational programs and articles in the journal, connection with research through our funding sponsorships and connection with the Master Beekeepers Program that certifies high quality and committed ambassadors of EAS within the beekeeping community.



One of our major points of connection is at our EAS conferences. With the reality of the initial Covid-19 outbreaks in 2020, the conference scheduled for Maine had to be cancelled. In 2021, a conference was well into the planning stages for Massachusetts when the reality of the Covid epidemic again caused cancellation of the conference in that state. Having garnered the level of interest of EAS members, an alternative possible venue for 2021 was sought. Following the subsequent support of the majority of members of the Board of Directors, an EAS conference is now being planned in Kentucky in mid-August, 2021.

LOCATION

The conference will be held at the Paroquet Springs Conference Centre, Shepherdsville, Bullitt County, Kentucky on August 11-13th, 2021. Shepherdsville is an approximate 15 minute drive from the International and Regional Airports in Louisville, KY and is readily accessible from major interstates. This is a 1000 person capacity facility situated on an attractive campus that is fully AWD accessible. With the Covid-19 pandemic precautions that would

be followed and a significantly shorter time to plan the conference at this alternate location, this will be an abbreviated conference. The conference will feature outstanding speakers in a relaxed setting and EAS Board of Directors believes that this will be an excellent opportunity to “Bee Connected” – something we have all been struggling hard to maintain over the past year.



CONFERENCE DESCRIPTION

The conference will run for three days, regrettably with no short-course offering. There will be two tracks: a presentation-based and an apiary-based.

The presentations will all be carefully timed with short breaks to provide opportunities for stretching and longer breaks for times to visit with the vendors and have lunch. There will be presentations from Master Beekeepers such as Cindy Bee, John Benham and Kevin Inglin and Keynote Presentations from Deborah Delaney, Jamie Ellis, Tammy Horn Potter, Juliana Rangel and Kent Williams.

The apiary track is being organized by Jennifer Keller and Don Hopkins. Topics being developed for the conference include: how to inspect hives, checking for varroa mites with sugar shakes and alcohol washes, brood diseases in the hive, queen considerations (identifying, requeening), how to make splits, sampling to test for *Tropilaelaps* and testing for hygienic qualities.

The vendors will be on the same level of the conference center, a few rooms down from the presentation hall and be set up by Wednesday morning. Time before the conference sessions, short breaks between presentations and an extended lunch break will allow for ample time to visit with them, catch up on the latest equipment and other resources and make some great deals!

The presentation hall is designed to hold 1,000 participants, however with social distancing, the room will maximally accommodate 300. In addition to social distancing, masks will be worn at all times inside the conference center.

MASTER BEEKEEPING CERTIFICATION

Master Beekeeping testing will be available with access to an apiary on site at the conference center. Please see the Master Beekeeping Program article for details to apply for testing in the four components of the certification process.

REGISTRATION

There will be no walk-in registrations. The single-fee registration will include entrance to the presentations and apiary events over all three days and an outdoor evening barbeque on Friday, August 13th at the conference center. There will be no lunches or other dinners provided – you are free to make whatever plans you wish with local options to fit any cuisine

and budget. Many local lunch venues are present within a walk or short drive and sufficient time will be built into the schedule to allow for an unrushed meal. Registrations will be accepted on a first-come basis with a solid cut-off of 300.

ACCOMMODATIONS

Accommodations, many of which provide a complimentary breakfast (see summaries), are bountiful within walking distance or within a short drive with a wide range of type and price to fit any budget (see summaries in this article). Registrants will be responsible for making their own reservations.



Accommodations



BAYMONT INN & SUITES

I-65 Exit 121; 149 Willabrook Dr., Brooks, KY 40109
(502) 957-6900 (800) 4-CHOICE FAX: (502) 957-6793

66 Units; AAA, AAPR, Corporate and Military Discounts; Widescreen TV, Coffee Maker; Hairdryer; Safe; Microwave and Refrigerator Available Upon Request; Free Cable; Indoor Pool; Sauna and Jacuzzi; Meeting Room (25); free continental breakfast. Data Ports Available in All Rooms. \$10 Pet Fee.



BEST WESTERN PLUS SOUTH

I-65 Exit 117; 211 S. Lakeview Dr., Shepherdsville, KY 40165
(502) 543-7097 (877) 543-5080 FAX: (502) 543-2407

85 Units; Three Diamond AAA Rated; Newly-Renovated Rooms; Live Entertainment; Seasonal Pool; Spa Suites; Complimentary hot breakfast; Deluxe Fitness Center; outdoor pool, Coffee Maker; Iron/Board; Hairdryer; Microwave; Refrigerator Available upon Request; Free HBO/Cable; Meeting Room (100); Data Ports; Free Access to High Speed Internet; Lounge/Bar; Small Pets, other amenities.



ECONOLOGDE

I-65 Exit 121; 1901 E. Blue Lick Road, Brooks, KY 40109
(502) 955-1501 (800) 553-2666 FAX: (502) 955-1574

50 Units; Three Star AAA Rated; Free Cable and HBO; Seasonal Pool; Coffee Maker; Iron/Board; Hairdryer; Jacuzzi Suites Available; Free Continental Breakfast; Data Ports Available in All Rooms; Wireless High-Speed Internet. NO PETS ALLOWED.



FAIRFIELD INN & SUITES

I-65 Exit 121; 362 Brenton Way; Shepherdsville, KY 40165
(502) 955-5533 (888) 236-2427 FAX: (502) 955-5547

64 Units; Free Cable; Refrigerators & Microwaves in each room. Coffee Maker; Hairdryer; Iron/Board; Seasonal Pool and Whirlpool; Jacuzzi Suites Available; Guest Laundry; Free Continental Breakfast; Meeting Room (50); Data Ports and Wireless High-Speed Internet Available in All Rooms Outdoor grilling area. ADA rooms available. Well lit desk area. Non-smoking hotel. NO PETS ALLOWED.



COUNTRY INN & SUITES

I-65 Exit 117; 400 Paroquet Springs Dr., Shepherdsville, KY 40165

(502) 543-8400 (800) 456-4000 FAX: (502) 543-8469

68 Units; Free Continental Breakfast; Indoor Pool w/ spa in it; Whirlpool Rooms; Exercise Room; Free YMCA Use to Guests; Meeting Room; Guest Laundry; Coffee Maker; Hairdryer; Ironing Board; Microfridge; Studio, One and Two Bedroom Suites; Data Ports; Wired/ Wireless High-Speed Internet throughout the hotel. NO PETS ALLOWED.



GARDEN INN & EXTENDED STAY

I-65 Exit 117; 130 Lakeview Dr., Shepherdsville, KY 40165 (502) 543-3011 (800) 329-7666 FAX: (502) 543-6161

105 Rooms; AAA, AARP and Military Discounts; Free Continental Breakfast. One-Site Restaurant; Cable TV and HBO, Free Local Calls, Seasonal Pool; Hairdryer; Iron/Board; Microwaves and Refrigerators in most rooms; Non-Smoking Rooms Special Group Rates Available. Wired & Wireless Internet: \$10.00 Pet Fee.



HAMPTON INN

I-65 Exit 121; 180 Willabrook Dr., Brooks, KY 40109

(502) 957-5050 (800) 426-7866 FAX: (502) 957-3315

64 Units; Seasonal Pool; Whirlpool Rooms Available; Coffee Maker; Hairdryer; Iron/Board; Microwave; Refrigerator; LCD TV; Exercise Facility; Free Continental Breakfast; Data Ports and High-Speed Internet Available in all Rooms; Meeting Room (10). AAA, AARP, Corporate & Military Discounts. NO PETS ALLOWED.



HOLIDAY INN EXPRESS

I-65 Exit 121; 365 Brenton Way, Shepherdsville, KY 40165 (502) 955-4984 (800) 465-4329 FAX: (502) 955-4985

67 Units; Three-Star Rated Property; Free Cable TV and HBO; Indoor Pool; Coffee Maker; Microfridge in All Rooms; Iron/Board; Hairdryer; 32" Plasma TV; Jacuzzi Rooms Available; Continental Breakfast; Fitness Center; Guest Laundry; pet friendly; Wired/Wireless Internet; Business Center



SUPER 8

I-65 Exit 117; 275 Keystone Crossroad, Shepherdsville, KY 40165

(502) 215-4762 (800) 800-8000 FAX: (502) 921-2123

57 Units; Indoor Pool; Super Starter Breakfast; Free Local Calls; Microwave; Refrigerator; Iron/Board; Executive Suites Available; High Speed Internet Available in All Rooms. \$10 PET FEE



MOTEL 6

I-65 Exit 117; 144 Paroquet Springs Dr., Shepherdsville, KY 40165

(502) 543-4400 (800) 466-8356 FAX: (502) 543-8972

98 Units; Three Star AAA Rated; AARP Discount; Seasonal Pool; King-Sized Rooms Available; Guest Laundry; Microwave and Refrigerator Available; Free Cable TV, HBO and ESPN; Free WiFi internet - All rooms newly renovated. Free Coffee Served 7:00 a.m. – 10:00 a.m.; Data Ports Available in All Rooms; One Pet Per Room.



SLEEP INN & SUITES

I-65 Exit 117; 195 Spring Pointe Dr., Shepherdsville, KY 40165

(502) 921-1001 (877) 424-6423

79 Units; Three Star Rating; Deluxe Breakfast; Indoor Pool; fitness center; YMCA Day Passes; High Speed Internet; Coffee Maker; Iron/Board; Hairdryer; Cable TV



QUALITY INN & SUITES

I-65 Exit 121; 716 Brooks Hill Rd.; Brooks, KY 40109

(502) 955-6272 (800) 228-5151 FAX: (502) 955-5911

75 Units; Whirlpool and Jacuzzi Suites; Free HBO in All Rooms; Indoor Swimming Pool; King-Size Rooms; Coffee Maker; Refrigerator and Microwave; Free Continental Breakfast; laundry service, fitness service. Data Ports and High Speed Internet. NO PETS ALLOWED.



COMFORT INN

*I-65 Exit 121; 191 Brenton Way, Shepherdsville, KY 40165
(502) 955-5566 FAX: (502) 955-5588*

79 Units;.. Meeting and Party rooms are available. Our beautiful new and completely remodeled Comfort Inn features great guest service, complimentary Comfort Sunshine Breakfast, Micro/Fridge in all rooms, expanded cable and 32 inch flat screen tv, 24 hour Business Center, Guest laundry, wireless internet, in room coffee maker, iron and board, Work Stations, Specialty Family Suites available NO PETS ALLOWED



GRANDMA'S RV CAMPING

*159 Dawson Drive Shepherdsville, KY 40165
502-543-7023*

Family owned; pull through and back in spaces; Full hookups



KOA-LOUISVILLE SOUTH

*2433 Hwy 44 East; Shepherdsville Ky 40165
502-543-2041*

90 ft. pull through; 50-amp sites; one or two bedroom camping cabins; deluxe cabins; outdoor movie screen

Activities of Interest

Bullitt County Wine & Whiskey Trail



Brooks Hill Winery
 MillaNova Winery
 Forest Edge Winery
 Wight Meyer Winery
 Four Roses Bourbon
 Experience
 Jim Beam American
 Stillhouse

Bullitt County Wine & Whiskey Trail Itinerary

Day One

11:30 AM



Start your day with a hardy lunch at the **Hillview Family Diner**, 1679 Old Preston Hwy. Nth. in Hillview. Enjoy the home cooked goodness of their daily lunch specials or grab a burger and fries off the menu. This is one of those places that usually only the locals know about.

502-504-5312

1:00 PM



Head west on Hwy. 1526 for your first trail stop. **Brooks Hill Vineyard and Winery** was the dream of Mike & Karen Hatzell. They purchased some dilapidated land and transformed it into a beautiful vineyard. The tasting areas are both charming and relaxing. Don't forget to pick up your *Wine and Whiskey Passport Brochure* and get it stamped.

502-957-7810

2:30 PM



Go east on Hwy. 1526, then left onto Blue Lick Rd and one mile to **Fire Studio & Gallery**. Watch artists create Kentucky hand-blown glass right before your eyes, take a tour, and shop for beautiful gifts from their large gallery of unique and colorful creations.

502-955-1010

4:00 PM



Head south on I-65 to Exit 117, then east on Hwy. 44 to **MillaNova Vineyard and Winery**. John & Donna Miller wanted to honor their family's Italian heritage, so what better way than to open a winery. Enjoy the views while sampling their award-winning wines.

502-664-8304

5:00 PM



Go west on Hwy. 44, then I-65 south to Exit 116. Head east and in minutes you will be back in vineyard and wine country at **Wight-Meyer**. This winery has the most mature vineyard of all of our county's wineries and the grapes produced here garner several award-winning wines. Let owners Jim & Sandy Wight tell you all about it.

502-921-0267

6:30 PM



Head back to Shepherdsville to check into one of our 14 hotels. We have many of the major brands at I-65 exits 117 and 121. Reservations recommended - more info at www.travelbullitt.org.

7:00 PM



To rustle up some grub for the night, head over to **Cattleman's Roadhouse**. The menu has it all. From steaks and seafood to burgers and chicken wings. They also have a great salad bar. Speaking of bars, enjoy a nightcap at Cattleman's Jim Beam Bar.

502-543-3574

Bullitt County Wine & Whiskey Trail

Directions

Brooks Hill Winery

I-65 to Exit 121 – west 3 miles on Hwy. 1526 to entrance on right.

MillaNova Winery

I-65 to Exit 117 – east 6.5 miles on Hwy. 44, then left onto Bethel Church Road – 1 mile, then left onto Gentry Lane – 1/2 mile to entrance on right.

Wight Meyer Winery

I-65 to Exit 116 – east 4.5 miles on Hwy. 480, then left onto Pine Creek Trail – 1.3 miles, then right onto Meyer Drive – follow to end.

Forest Edge Winery

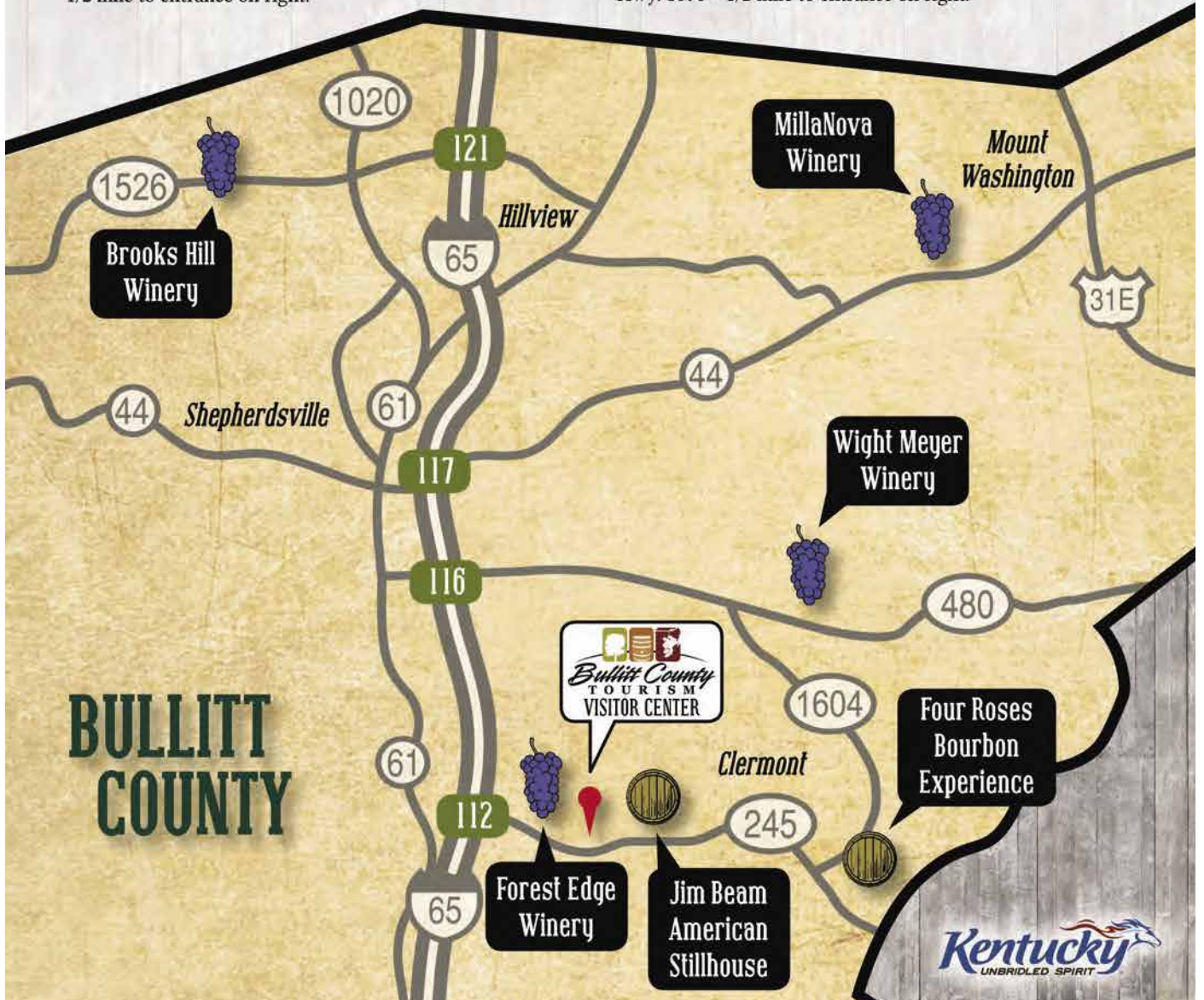
I-65 to Exit 112 – east 1.3 miles on Hwy. 245 to entrance on left.

Jim Beam American Stillhouse

I-65 to Exit 112 – east 1.5 miles on Hwy. 245 to entrance on left.

Four Roses Bourbon Experience

I-65 to Exit 112 – east 5.5 miles on Hwy. 245, then left onto Hwy. 1604 – 1/2 mile to entrance on right.





Shepherdsville

JIM BEAM COUNTRY



BULLITT COUNTY



From hand-blown glass to spirited trails, it's all in Shepherdsville's nature.

Where else can you witness master bourbon distillers ply their craft, watch glass-blowing artisans, or sip wine while walking in the very vineyard where it was created? In Shepherdsville, you will find just that and everything else in between.

Conveniently located off I-65, Shepherdsville offers a wonderful selection of attractions, shops, restaurants and accommodations – whether you are just looking for a unique night out or a relaxing weekend away.

Experience the art, history and culture of bourbon from the *First Family of Bourbon* at Jim Beam, or take in the intoxicating experience of scenic outdoor adventures. From forests and distilleries to galleries and dining, you'll discover what many already have – it's all part of our nature in Shepherdsville, KY.

Jim Beam American Stillhouse and Distillery

At the gateway to the Kentucky Bourbon Trail,[®] this 200-year-old landmark features the fascinating art of bourbon making as well as the history of the *First Family of Bourbon*. From moonshine to modern manufacturing, you will get a new appreciation for our nation's only native spirit – if you're 21 or older, you can even try a sip.

Take I-65 to Exit 112
526 Happy Hollow Road, Clermont, KY 40110
502-215-2295 • www.americanstillhouse.com

Four Roses Warehouse and Bottling Facility

This unique single-story Warehouse and Bottling Facility is nestled in the quiet Kentucky countryside of Cox's Creek. Named American Distiller of the Year multiple times by *Whiskey Magazine*, one trip and you'll begin to understand how this bourbon has come to be such a favorite among connoisseurs.

Take I-65 to Exit 112
624 Lotus Rd., Cox's Creek, KY 40013
502-543-2264 • www.fourrosesbourbon.com

Fire Studio and Gallery

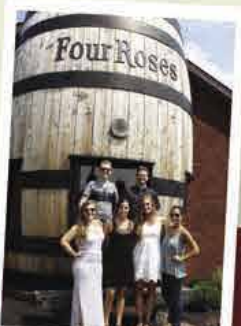
Watch artists create Kentucky hand-blown glass right before your eyes, take a tour and then shop for unique and beautiful gifts, or browse the art gallery.

Take I-65 to Exit 121
170 Carter Ave., Louisville, KY 40229
502-955-1010 • www.firestudioandgallery.com

Bernheim Arboretum and Research Forest

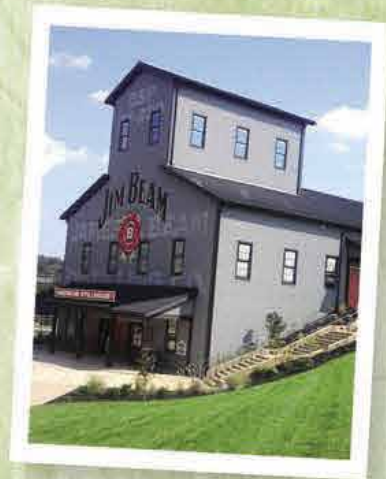
As Kentucky's Official State Arboretum, Bernheim features 16,000 acres of wildlife sanctuary, a landscaped arboretum and a new visitor center that has an open, airy design, combining the latest "green" construction techniques – unlike any building in the region. Packed with indoor and outdoor exhibits – including a canopy tree walk, scent and sound mazes, handheld computer field guides, and new trails and walkways – Bernheim offers many opportunities to enjoy and learn about nature.

Take I-65 to Exit 112
2075 Clermont Road
Clermont, KY 40110
502-955-8512
www.bernheim.org



Come Discover the Nature of Shepherdsville

Located right off I-65, just 20 minutes
south of downtown Louisville
Exits 105, 112, 116, 117, and 121



Shepherdsville

JIM BEAM COUNTRY

Shepherdsville/Mt. Washington
Brooks/Hillview/Clermont

Bullitt County Visitor Center
2040 Clermont Road (Hwy. 245)
(I-65 Exit 112, east 1.5 miles)
Clermont, KY

Mailing Address:
P.O. Box 147, Clermont, KY 40110
502-543-8656

www.travelbullitt.org
info@travelbullitt.org

Cultural Interest

SCENES AT PAROQUET SPRINGS, THE FAMOUS ANTE-BELLUM HEALTH RESORT IN BULLITT COUNTY, NEAR SHEPHERDSVILLE

The following article has been transcribed by Leland Johnson from The Courier-Journal, 7 Feb 1909. It is presented here with his kind permission. The photos are scanned from microfilm which accounts for their poor quality.

Paroquet Springs from 1826 to 1870, one of the most noted health and pleasure resorts in the Southland, is today rich in its memories of a glorious past and sadly beautiful in its quietude and loneliness. The grove with its stately cedars and sycamores and majestic beeches and oaks, is as beautiful as when the beauty and knighthood of the South made merry in its restful shade; the fine driveway can be traced almost its entire length, and the wells yet furnish their waters to all who desire them, but the magnificent hotel and cottages are gone. The clubhouse has been removed, and where strains of music once marshaled the elite of "Dixie" for the dance, the chatter of the squirrel is heard in the trees, and the wild hare rears her young undisturbed.

Paroquet Springs lies about one-half mile east of Shepherdsville between Salt River and the Mt. Washington pike. It contains about 250 acres in all, but the grove in which the Springs property was located contains about fifty or sixty acres. Until 1854 there was no railroad in Bullitt county, and all visitors came in carriages or other conveyances drawn by horses. Paroquet drew heavily from many of the Eastern States and also from the far South. Until about 1847 the Springs accommodated 800 guests, but about that date a large hotel was built and 1,000 guests could be cared for.

In 1838 James Guthrie, who in after years became president of the Louisville and Nashville railroad, became the owner of Paroquet Springs, and erected on the west side of the grove a fine residence which he occupied for a number of years. Although more than sixty-five years old the house is in splendid condition, and is shown in one of the views accompanying this article.

Before the war a fine racetrack was built at Paroquet and was the scene of some noted racing contests. It was used until about 1878 or 1879. The field is now being cultivated and all traces of the track are gone.

The only remaining building which was a part of the Springs property is the billiard hall.

To the lover of nature Paroquet is an earthly paradise and always surpassingly beautiful. Whether in the winter, when snows mantle the earth and contrast with the dark green cedars, or in the spring when blooming flowers cover the grassy grove; or in the summer when the wild roses are blooming everywhere; or in the autumn when the leaves begin to fade, it is the same beautiful old Paroquet.

A visit to Paroquet Springs is not complete unless the visitor goes to the

"Lone Grave," a romantic spot on the east side of the grove. The history of the lone mound hidden away among the trees and covered with its green mantle of ivy is pathetic and tragic. The writer heard the story from Judge William R. Thompson, who was a young man when the affair occurred, and who died in 1894. It is short and simple and will bear telling.

In 1834 a young man came from New York to the Springs to spend the summer, and soon after his arrival was introduced to a young woman from Mississippi, who was there with her widowed mother to spend the season. The couple seemed to have been fashioned by fate for each other. They were young, wealthy, and of aristocratic lineage, both were highly educated and gifted in music and conversation. She was a typical Southern beauty of the brunette type, of majestic figure, and her suitors were legion. He was handsome, of fine athletic form, and a social lion. It seemed to be a case of love at first sight. They became constant and inseparable companions. In the ballroom, on the river, at the musicales, or strolling beneath the boughs of the great trees, they were together unmindful of all else. Persistently and ardently he pressed his suit through the fleeting summer hours, and before the summer had waned he had won her heart.

In the fall they separated, but with the understanding

that in the early winter he was to make her his wife, and take her to his Eastern home. Believing in his love and manhood, she went back to her Southern home and waited for him, but he never came, and at last, broken-hearted and disgraced, she died, after exacting from her faithful and grief-stricken old mother a promise that her body should be brought back to Paroquet Springs and buried beneath the tree under which she first met her unfaithful lover. True to her promise, her mother had the body of her unfortunate daughter conveyed to Paroquet and laid away where her last and happiest summer had been spent; and there she sleeps today beneath the mighty monarchs of the forest that keep their ceaseless vigils above her lonely tomb.

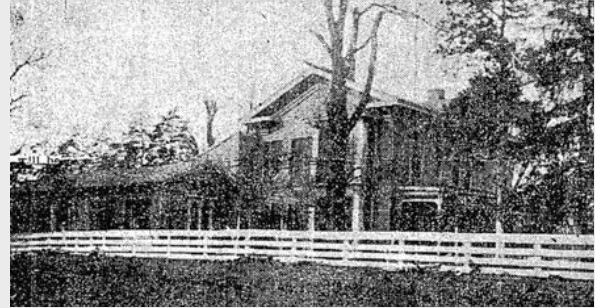
The iron fence which surrounds the grave was placed there when the grave was made about seventy-four years ago and has never been painted or cared for; but time has spared it from the touch of his destroying hand, and it is almost as good today as in 1835, when it was placed there by the faithful mother to guard the grave of her child. No message ever came back from the mother, and as time passed on the name of the unfortunate girl was forgotten. No stone is there to tell her name; but from sire to son and mother to daughter he sad story has been handed down. Nor does the story contain the name of the man who wrecked the poor girl's life. Paroquet Springs could be made a great health and pleasure resort. A fine bathing beach could be made there, and the boating is fine. Fishing is good and the wells furnish health-giving waters. For years the Paroquet Fishing Club of Louisville had a camp there and many of Louisville's most prominent men came out to recreate. If the electric car line comes this way and we get the Lincoln road [Highway 31], Paroquet Springs may become a noted resort once more.

The Guthrie home is now occupied by Mr. G. W. Simmons, who owns Paroquet. He purchased the place in 1885 from Louisville parties, and lives there in quietude with his wife and niece. He is a brother of Mrs. S. P. Myer and Messrs. W. H. And S. M. Simmons of Louisville, and is very kind to all visitors.

J. R. Zimmerman

bullittcountyhistory.org/bchistory/paroquetspringsarticle1909.html

Photos of Paroquet Springs Area - Taken by J. R. Buckman



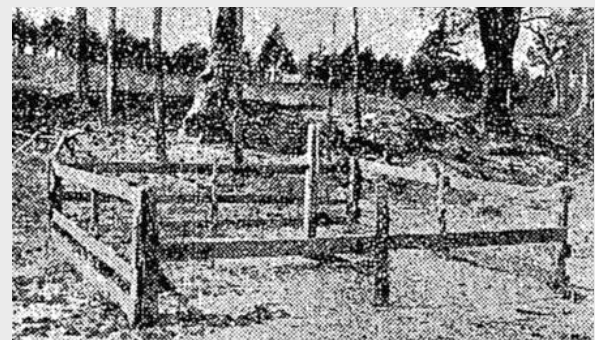
James Guthrie Mansion



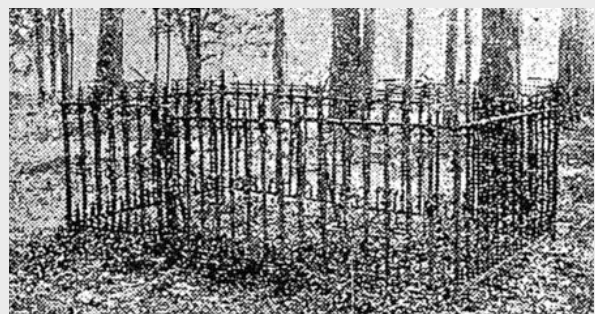
Field where Paroquet Springs hotel stood



Paroquet Springs fishing camp with cabins, ice house, kitchen/dining hall



Mineral water well



Lone Grave with iron fence around it

EAS BUSINESS

EAS Executive Board Meeting Via Zoom

DECEMBER 13, 2020

ATTENDANCE: Lou Naylor, Chairman; Mary Duane, President; Ben Carpenter, Vice President; Doris Morgan, Secretary; Jacky Hildreth, Treasurer; Erin MacGregor Forbes, Chairman Emeritus

NOT IN ATTENDANCE: Linda Mizer, Vice Chairman; Peggy McLaughlin President Emeritus

Lou Naylor called the meeting to order at 5:05 PM.

Massachusetts had a full committee meeting on December 9, 2020. It was brought up at that meeting that Amherst Massachusetts is still not letting students onto the campus. There are very strict regulations put in place by the State because of COVID-19 allowing only groups of 25 together indoors. The University is not able to give any kind of date at this time as to whether or not we will even be allowed on campus in July. Because of this it was felt that Massachusetts will not be able to host the conference for 2021.

Jackie stated that the checkbook is hurting with not having a conference this year. A lot of people did not renew their dues. He feels that the best way to raise money is to hold a conference in 2021. If it can't be live, then virtual. Jackie had to cash in 1 of the Money Market CD's due to the low balance of available money.

Lou raised the question about reaching out to other State Directors to see if another State would be willing to host 2021. It could be a shortened version of the conference, maybe just 3 days with 2 tracks going on at a time. There would be no walk-ins accepted, everyone would have to make their own arrangements for food and lodging. August or September was suggested for the time. The Tech. team is willing to make a virtual meeting happen.

Massachusetts is willing to talk to the speakers they have lined up to see if they are willing to present virtually. The auction Team is willing to do the auction virtually also.

It was suggested that we could possibly do a hybrid version of the conference, live and virtual, which would not have to be at the same time.

Lou will write something up to send out to the Executive board to edit and then send out to the Directors.

Massachusetts would love to come on board for 2023 since they can't do 2021. Ben said that they could consider 2022 also.

Erin stated that even if we don't have a live meeting, the Master Beekeeping exam needs to happen. The Master beekeepers need to be contacted to see what they need to keep the exam going. Included in the letter going out to the Directors should be a statement that we want to move forward with the Master Beekeeping exams.

Minutes respectfully submitted by Doris Morgan, EAS Secretary

EAS Emergency Board of Directors Meeting Via Zoom

JANUARY 31, 2021

The meeting was called to order by Lou Naylor at 7:05 PM.

Those in attendance were: Lou Naylor, Chairman; Linda Mizer, Vice Chairman; Mary Duane, President; Doris Morgan, Secretary; Jacky Hildreth, Treasurer; Erin MacGregor Forbes, Chairman Emeritus; John Baker, Connecticut; Kevin Platte, Washington, D.C.; David Hocutt, Indiana; Leonard Davis, Kentucky; Patti Wong, Maryland; Carin Zinter, Massachusetts; John Gaut, New Jersey; Burton Beasley, North Carolina; Jeannie Saum, Ohio; Vincent Aloyo, Pennsylvania; Cindy Holt, Rhode Island; Nancy Simpson, South Carolina; Karla Eisen, Virginia; Sam Goldston, West Virginia; Thomas Nolan, Ontario

Those Absent were: Ben Carpenter, Vice President; Peggy McLaughlin, President Emeritus; Marilyn Parker, Alabama; Bob Bauer, Delaware; Roger Blanco, Florida; Mary Cahill Roberts, Georgia; Wesley Card, Louisiana; Michael Sautter, Michigan; Dorinda Priebe, New Hampshire; Julie Fontaine, Quebec; Landi Simone, MB Certification

President's report: Massachusetts regrets not being able to have the conference. They looked into other venues and could not find anything. They would like to possibly do 2023. They are willing to share their contacts, vendors, speakers and to help in anyway they can. Linda Mizer thanked them for all of their hard work.

Lou Naylor stated that there have many submissions for the awards. Deadline for submission is February 1, 2021 for the Honey Bee Research grant, Hambleton, Roger Morse and Student awards.

New Business: Lou Naylor thanked David Hocutt in Indiana for stepping up to look for a site for this year's conference. She also thanked Massachusetts for their offer of help and she thanked Leonard Davis from Kentucky for finding a site.

Erin stated that the site will hold 1000 people normally but because of COVID-19 restrictions they can only host 300 currently. Erin and Jackie ran the numbers and said 150 attending the conference would be a breakeven number.

The hotels in the area run from \$80 - \$100 a night, most with breakfast included. Jackie stated that a 3-day conference may entice more people to come. The Master Beekeepers would be able to run their certification program. There will be no walk-ins and we will need less volunteers. Lou stated that from the poll sent out in December 2020, that at least 250 people stated that they would attend if there was a live conference. We will be having vendors there. The question was asked if enrollment would be first come first served? The answer was yes. The question was asked if the meetings will be sent out via zoom? This is being looked into for parts of the meeting but will not be live, but possibly later. The auction will be live and virtual. Karla asked if there was a concern about getting speakers and is there a date set yet to open up registration? The answer was no, the meeting still needs to be approved.

The venue will be Paroquet Springs Conference Center which is 10 minutes south of Louisville. Linda stated that she would like to put pictures of the conference center and the nearby hotels in the journal. The question was asked if there was room for the bee yard? Yes, behind the conference center is a large field. An inspection of the site has not been done yet by the inspection committee as the center is undergoing major renovations which are due to be completed by the beginning of July. The dates for the conference are August 11-13th.

A vote was then taken with the following questions:

1. Approval of proposed EAS 2021 conference venue change from Amherst Massachusetts to Shepherdsville, KY (Aug 11-13).
2. Approval of Dr. Leonard Davis to become the 2021 EAS President.
3. Approval of Mary Duane to become the EAS Past-President

All 3 were approved.

There will be no honey show this year, as it can't be done safely due to COVID-19.

Linda stated that she will put together a journal announcing the meeting with details and images of the location. She would like to put in as much information as is available by the end of February. She needs a letter of welcome from Dr. Leonard Davis for the journal.

Lou will ask Bob Talkiewicz to get in touch with Dr. Davis about the vendors. The exact cost of the conference has yet to be determined.

John Baker moved to adjourn the meeting. Linda Mizer seconded the motion.

Minutes respectfully submitted by Doris Morgan.

EAS Contributors

As 2020 left us without a conference, EAS lost its primary source of revenue for the year. We would like to take this opportunity to thank the following folks who contributed to the General Fund, Speaker and Education Fund or the Honey Bee Research Fund. Their donations are greatly appreciated and will all contribute to moving the missions of EAS forward.

Brendan Bagley

Anne Fraser

Eloise Naylor

Carol Cottrill

Erik Brown

Stephen Janick

Barry Thompson

Network for Good

Deborah J Corcoran

Deborah Klughers

Judy Van Namen

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COMMUNITY BUZZ



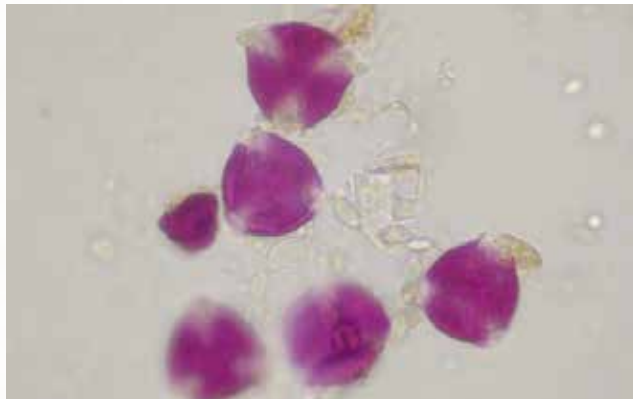
Pollen Identification

by Linda Mizer

“Overwintering” to some is plowing through snow to assure open entrances in hopes of a warm spell and cleansing flights. For others, it is a break in floral availability in the face of moderate temperatures. For yet others, it is relatively warm temperatures with waves of floral abundance. Such is the span of macroenvironments, let alone microenvironments that influence our beekeeping within any one of these situations. And if local variation is not enough, bees may be moved to different environments throughout the winter as is the case of February almond pollination out west. Our bees may find themselves adjusting to multiple sites and management strategies over the course of the late fall, winter months and into the beginning of spring.

Each of us may experience “overwintering” differently, but we all watch anxiously as the days lengthen and dormancy is broken in our surrounding environments to allow those first nectar- and pollen-rich blossoms to open and await the return of the honeybee!

1. Spiderwort: *Tradescantia sp*
2. White Clover: *Trifolium repens*
3. Mustard: *Brassicaceae sp.*
4. Red Clover: *Trifolium pratense*
5. Almond: *Prunus dulcis*



POLLEN CREDIT: *Prunus dulcis*. Images courtesy of Science & Plants for Schools, found at <http://www.saps.org.uk>



PHOTO CREDITS: 1) David Macfawn - Spiderwort: *Tradescantia sp.* 2) David Macfawn - White Clover: *Trifolium repens* 3) Daniel Wyns - Mustard: *Brassicaceae sp.* 4) Daniel Wyns - Red Clover: *Trifolium pratense* 5) Kathy Keatley Garve - Almond: *Prunus dulcis*

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