A Word From Our President

Welcome to Murray! It is my hope that each of you are present August 4, 2008 to experience this welcome. There are many truisms that could be employed to browbeat people into attending an EAS Conference, but none closer to my thoughts than the wonderful social activities that are unique to each Conference. Each year there are local and regional flavors to the Conference that are quite memorable. While the primary focus of EAS is education and research, as the saying goes “all work and no play makes Jack a dull boy”. Each Conference has its own tourist attractions that are unlike those of past Conferences. In 2007, on the way to Delaware, my wife and I toured the battlefield at Antietam. In 2005 we visited the memorials at Kent State University. The 2004 Conference was held in a really beautiful location, Seven Springs Resort. In 2003 we visited the local sights around coastal Maine. These are just a few of the different locations where the Conference has been held in the past, but you should be able to draw the conclusion I am driving at. Because we chose to attend the annual EAS Conference, our horizons were expanded by experiencing local or regional attractions – and I have not even begun to discuss the great regional cuisine to be had at each conference.

If you choose to attend EAS 2008, you will have a great opportunity to visit attractions unique to Kentucky. Places such as Mammoth Cave, the Kentucky Horse Park, Fort Knox, the famous distilleries of the Bardstown / Louisville area, The Walter T Kelley Company headquarters, the National Quilters’ Museum, the Corvette Museum, Kentucky and Barkley Lakes National Recreation Area, Reelfoot Lake, the Mississippi River, and on and on. These are sights that you might not take the opportunity to visit normally, but if combined with a trip to the EAS Conference the side-trips to these attractions become much more affordable.

For me, there are other “social” reasons for attending EAS as often as possible. I will never forget meeting Richard Taylor at Cornell in 2002. Not because of anything profound in our conversation, but simply because, though I only knew him through his writings and reputation, I considered him to be one of the great minds of beekeeping. Each EAS Conference we attendees have the chance to personally meet other “great minds” of beekeeping. The older I get the more I am forced to acknowledge that we are only here for a certain period of time. If I am blessed to live to a ripe old age, I am sure I will reflect on the many other beekeepers I have met through attending the annual Conference, and will relish the memories of all of the people associated with EAS for whom I have great admiration. I intend to not miss a Conference, just because I want to renew old friendships, and foster new ones. Join me in Murray this August and we will have a grand time.

Kent Williams
EAS President 2008
By now you should have made plans to travel to Kentucky for EAS 2008. Here is a checklist of last minute things to do when leaving for the convention.

1. Travelling by plane Perhaps the easiest and cheapest airport to arrive at is Nashville. Let Kent know if you need a ride from the airport and he will provide valet service. If you do rent a car, the drive to Murray State University is only two hours through rural countryside on a four lane divided highway with planted median strips.

2. Amtrak Surprisingly, there is an Amtrak stop near Murray. So, hop on Amtrak and take the City of New Orleans line to the Fulton, Kentucky stop. That Amtrak line runs from Chicago to New Orleans – so from the northern states just find a line to Chicago. Let Kent know and he will send his valet service there to pick you up.

3. Driving If you are driving to Murray, take some time to see the sites. I found that the Kentucky tourist web site, www.kentuckytourism.com, is a great place to find things to visit on the way. Perhaps your interest is historical (Abe Lincoln or Daniel Boone), bluegrass, bourbon, state parks, covered bridges, caves, or corvettes, you can find places to visit.

4. Friends and family Do not leave your loved ones behind – bring them along. There is plenty to do in Kentucky.

5. Dorms If you plan to stay in the dorms, you can rent sheets and pillow cases. But they do not rent pillows. Plan to bring an inflatable pillow or buy one when you get to Murray. I am not certain if the airway will charge you to carry on a pillow. Now, do not let the pillow problem deter you from coming to Kentucky. Let me know in advance that you need a special pillow to enjoy Kentucky and I will put our pillow experts to work.

6. Motels/Hotels I have been assured that all hotels and motels in the area do have pillows. So, you will not need to bring your own pillows – unless you do indeed need a special pillow.

7. Camping You guys are probably experts and know whether you need to bring pillows. I must admit that I do not plan to camp this year at EAS. Some of you might remember my camping stories when I was EAS President. I can tell you from experience not to pitch your tent in a dry stream bed.

8. Camera Bring a camera and take lots of action shots. I am running a contest for the best picture album of EAS Kentucky. The images must all be digital and EAS reserves the right to use the pictures for the web site and future promotional projects. Of course, you will be credited with the images. The award for the first place prize is a visit to the organization of your choice by Kim Flottum. The award for the second place is a visit by yours truly.

9. Swim suits I was told to tell you to bring a swim suit. I asked Kent to insure that the weather will be balmy but apparently Kentucky is rarely balmy. All the rooms do have air conditioning.

10. Money The Kentucky team is planning a Casino night. Why travel to Las Vegas, Atlantic City, or an Indian reservation, when you can gamble in Kentucky! I am not sure how well the tables pay off but I was assured that everyone will be a winner.

11. Gamblers Anonymous If you are a recovering gambler-holic, or if you do not believe in gambling, let me know and we will plan an alternative activity. We can always sit around and compare swarm stories.

12. Leave stress behind This EAS is not one to miss. Reeling from the pressures of the stock market, gas prices, terrorism, or politics? Come, relax, and enjoy socializing with fellow beekeepers. So leave stress behind and attend a great event at Murray State University.

See you in Kentucky …

---

Potherings from our Chairman …

---

EAS Journal


Volume 36, Number 3

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treasurer@easternapiculture.org

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beekeeper@mannlakeltd.com
www.mannlakeltd.com

Prices do not include shipping charges. Prices subject to change without notice.
**Tuesday - August 5, 2008**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00-8:45AM</td>
<td>Jim Baerwald - Baerwald Apiaries, Michigan</td>
</tr>
<tr>
<td></td>
<td><em>Planning, Design, Construction of Honey House</em></td>
</tr>
<tr>
<td>9:00-9:45AM</td>
<td>Stu Jacobson, University of Illinois at Springfield</td>
</tr>
<tr>
<td></td>
<td><em>Queen Rearing - Pt 2, techniques of grafting</em></td>
</tr>
<tr>
<td>9:45-10:15AM</td>
<td><em>In the apiary</em></td>
</tr>
<tr>
<td>10:15-11:00AM</td>
<td>Kim Flottum, Bee Culture Magazine</td>
</tr>
<tr>
<td></td>
<td><em>Good Neighbor Beekeeping Practices</em></td>
</tr>
<tr>
<td>11:15-12:00PM</td>
<td>Jennifer Berry, University of Georgia</td>
</tr>
<tr>
<td></td>
<td><em>Queen Rearing - Part 3, follow-up on grafts &amp; problem solving</em></td>
</tr>
<tr>
<td>1:00-1:45PM</td>
<td>Dewey Caron, Univ. of Delaware</td>
</tr>
<tr>
<td></td>
<td><em>Farm Market needs, pollination, beekeeper products</em></td>
</tr>
<tr>
<td>2:00-2:45PM</td>
<td><em>BREAK</em></td>
</tr>
<tr>
<td>2:45-3:15PM</td>
<td>Jennifer Berry, University of Georgia</td>
</tr>
<tr>
<td></td>
<td><em>In the apiary</em></td>
</tr>
<tr>
<td>3:15-4:00PM</td>
<td><em>BREAK</em></td>
</tr>
<tr>
<td>4:00-5:00PM</td>
<td>Jennifer Berry, University of Georgia</td>
</tr>
<tr>
<td></td>
<td><em>Queen Rearing - Part 3, follow-up on grafts &amp; problem solving</em></td>
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</tbody>
</table>

**Wednesday August 6, 2008**

**EAS SHORT COURSE (BOTH TRACKS) & CONFERENCE**

**Joint session (Beginner & advanced/sideliner)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</thead>
<tbody>
<tr>
<td>8:00-8:45AM</td>
<td>Zachary Huang – Michigan State Univ</td>
</tr>
<tr>
<td></td>
<td><em>Honey bee pheromones and their use in beekeeping</em></td>
</tr>
<tr>
<td>9:00-9:45AM</td>
<td>Dr. Thomas Webster, KY State University</td>
</tr>
<tr>
<td></td>
<td><em>Nosema mysteries new and old</em></td>
</tr>
<tr>
<td>9:45-10:15AM</td>
<td><em>Break</em></td>
</tr>
<tr>
<td>10:15-11:00AM</td>
<td>Stu Jacobson, University of Illinois at Springfield</td>
</tr>
<tr>
<td></td>
<td><em>How to get the best disease/mite resistant queens.</em></td>
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<tr>
<td>11:15-12:00AM</td>
<td>Dr. Jim Tew, Ohio State University</td>
</tr>
<tr>
<td></td>
<td><em>Honey bee Nutrition - how important is it?</em></td>
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</tbody>
</table>

**EAS Conference**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>1:30-1:45PM</td>
<td>Welcome from EAS president</td>
</tr>
<tr>
<td>1:45-2:30PM</td>
<td>Address by EAS Chairman</td>
</tr>
<tr>
<td>2:30-3:00PM</td>
<td><em>Break</em></td>
</tr>
<tr>
<td>3:00-3:45PM</td>
<td>2008 J.I. Hambleton Award Winner Presentation</td>
</tr>
<tr>
<td>4:00-4:45PM</td>
<td>2008 EAS Student Award Winner Presentation</td>
</tr>
</tbody>
</table>

**Thursday - August 7, 2008**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>8:00-8:45AM</td>
<td>Jennifer Berry, University of GA</td>
</tr>
<tr>
<td></td>
<td><em>Research at the Univ. of Georgia</em></td>
</tr>
<tr>
<td>OR</td>
<td>Dr. Marion Ellis, University of Nebraska</td>
</tr>
<tr>
<td></td>
<td><em>Why does lavender honey sell for $18 per pound?</em></td>
</tr>
<tr>
<td>9:00-9:45AM</td>
<td>Dr. Gordon Wardell, S.A.F.E. Research &amp; Development</td>
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<tr>
<td></td>
<td><em>Honey bee supplemental feeding</em></td>
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<tr>
<td>OR</td>
<td>Greg Hunt, Purdue University</td>
</tr>
<tr>
<td></td>
<td><em>Breeding for Varroa Resistance</em></td>
</tr>
<tr>
<td>9:45-10:15AM</td>
<td><em>BREAK</em></td>
</tr>
<tr>
<td>10:15-11:00AM</td>
<td>Dr. Larry Connor, Wicwas Press</td>
</tr>
<tr>
<td></td>
<td><em>Should This Queen Live or Die?</em></td>
</tr>
<tr>
<td>OR</td>
<td>Zachary Huang – Michigan State Univ</td>
</tr>
<tr>
<td></td>
<td><em>Genetically modified plants, are they causing CCD?</em></td>
</tr>
<tr>
<td>11:15-12:00PM</td>
<td>Lilia De Guzman, USDA Baton Rouge</td>
</tr>
<tr>
<td></td>
<td><em>Breeding Russian Honey Bees</em></td>
</tr>
<tr>
<td>OR</td>
<td>Stu Jacobson, University of Illinois at Springfield</td>
</tr>
<tr>
<td></td>
<td><em>If IAPV did it</em></td>
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</tbody>
</table>

**Thursday afternoon workshops**

<table>
<thead>
<tr>
<th>Session</th>
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</thead>
<tbody>
<tr>
<td>Edwin Holcombe - Examining for tracheal mites (lab course)</td>
</tr>
<tr>
<td>Michael Young - Cooking with honey (all afternoon session)</td>
</tr>
<tr>
<td>Dr. Larry Connor, Wicwas - Selecting queens to be your queen mothers</td>
</tr>
</tbody>
</table>

**Friday - August 8, 2008**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>8:00-8:45AM</td>
<td>Dr. Lilia De Guzman, USDA Baton Rouge</td>
</tr>
<tr>
<td></td>
<td><em>Small Hive Beetle Research at the Baton Rouge</em></td>
</tr>
<tr>
<td>OR</td>
<td>Dr. Jim Tew</td>
</tr>
<tr>
<td></td>
<td><em>Modern management of modern beehives in a modern world</em></td>
</tr>
<tr>
<td>9:00-9:45AM</td>
<td>Dr. Greg Hunt</td>
</tr>
<tr>
<td></td>
<td><em>Colonial Collapse Disorder, what is it, does it matter</em></td>
</tr>
<tr>
<td>OR</td>
<td>Dr. Jeff Harris - USDA Baton Rouge</td>
</tr>
<tr>
<td></td>
<td><em>Update of the Baton Rouge honey bee lab breeding program for VSH bees</em></td>
</tr>
<tr>
<td>9:45-10:15AM</td>
<td><em>BREAK</em></td>
</tr>
<tr>
<td>10:15-11:00AM</td>
<td>Dr. Larry Connor, Wicwas Press</td>
</tr>
<tr>
<td></td>
<td><em>How to Develop a small-scale breeding program</em></td>
</tr>
<tr>
<td>OR</td>
<td>Dr. Marion Ellis, University of Nebraska</td>
</tr>
<tr>
<td></td>
<td><em>Almond pollination and honey bee health</em></td>
</tr>
<tr>
<td>11:15-12:00PM</td>
<td><em>Pamo for 2009 EAS &amp; EAS business meeting</em></td>
</tr>
</tbody>
</table>
The 2008 EAS Award Winners

The Roger A. Morse Outstanding Teaching/Extension Service/Regulatory Award winner for 2008 is Robert (Bob) Berthold, Jr., PhD.

Bob is a long-time EAS member and supporter and a lifelong beekeeper and teacher of Biology, Entomology and Apiculture. He has devoted 35 years to teaching and inspiring students and beekeepers in the study and practice of apiculture, as a college professor, short course instructor, speaker, author and mentor.

Bob received his PhD in Apiculture in 1968 from Pennsylvania State University, his M.S. in Entomology from Rutgers University in 1966 and his B.S. in Biology in 1963 Juniata College.

Dr. Berthold is present Professor Emeritus of Science & Agriculture, at Delaware Valley College Doylestown, PA. In the past he has served as Summer Bee Inspector for southeastern Pennsylvania. He owns and runs Berthold Candle Molds Manufacturing, Doylestown, PA where he produces and sells candle molds designed based on 17th century antique tin molds.

Bob was a professor at Delaware Valley College of Science and Agriculture from 1968 to 2005. He taught Biology, Invertebrate Zoology, Apiculture & Biology Seminar. He also coached the mens and womens Cross Country Teams for 37 years.

Bob collaborated with Dr. Dewey Caron to develop and teach the first Beekeeping Short Course at Rutgers University. He taught Beekeeping Short Courses (Beginner and Advanced) for EAS and at Delaware Valley College. He has judged Honey Shows at county, state, regional and national levels and volunteers in Overseas Cooperative Assistance (VOCA) Foundation.

Berthold is the author of Beeswax Crafting, and has written for American Bee Journal and Gleanings in Bee Culture.

In 1983 he received the Distinguished Faculty Member, Delaware Valley College.

Since 1956 he has been a Cross County and 10K Runner and runs in about 20 events per year to support charities in and around Southeast Pennsylvania. Since 2007 Bob has volunteered for Habitat for Humanity.

Congratulations to Dr. Bob Berthold from all of the Eastern Apicultural Society.

The 2008 EAS Hambleton Award winner is Zachary Huang, PhD from Michigan State University.

Zachary became interested in insects before he was five years old. Growing up in the countryside of China allowed him to play with ants, caterpillars and praying mantids. He still remembers small ‘experiments’ with them such as scratching the soil on an ant foraging trail to disrupt their normal travelling, or imprisoning ants inside a circle drawn by mothballs.

In 1978 he attended an agricultural college in his home province, Hunan. Majoring in both entomology and plant pathology, he nevertheless showed more interest in insects than plants. For his honors thesis he calculated life tables for rice leaf rollers.

Graduating from college with honors in 1982, he considered himself truly lucky to win a national competition for a scholarship (the only one in the whole country) to study in Canada for a graduate degree. Realizing that he had never seen bees before (neither had he tasted honey), he chose to live with beekeepers in log cabins and tents, helping with Varroa mite control and royal jelly production, while reading about bee biology. In June 1983 he obtained his visa for Canada and chose University of Guelph because at the time it had the strongest apicultural program in North America. At Guelph, he studied under Professor Gard Otis for his PhD. He published five papers from his PhD and was eager to return to China.

However, no Chinese universities would accept both him and his wife. In August 1988 he started a postdoctoral position to study insect pathology with Dr. Charles Knowles, University of Missouri. Desiring to work with honey bees again he joined Dr. Gene Robinson at the University of Illinois in March 1989, a position he retained for eight and a half years.

Zachary achieved a permanent academic position when he was hired in November of 1998 to continue his research on honey bees at Michigan State University. Since then he has worked to serve the beekeeping industry in Michigan and throughout North America and to develop his teaching skills.

Zachary has been a featured speaker and teacher at EAS several times. Congratulations, Zach!

Geoff Williams is our 2008 EAS Student Award winner.

Geoff graduated from the University of Alberta in 2005 with a B.Sc. in Animal Biology. A recipient of a Natural Sciences and Engineering Research Council of Canada Industrial Postgraduate Scholarship, Williams is currently a M.Sc. candidate at Acadia University in Nova Scotia, Canada under the supervision of Dr. Dave Shutler (Acadia University) and Richard Rogers (Wildwood Labs Inc.).

His thesis investigates the microsporidians Nosema apis and N. ceranae in western honey bees. Biology and management of N. apis, the historical parasite of western honey bees, is well-described, however, N. ceranae, historically of Asian honey bees and first described from western honey bees in 2006, is less understood. Geoff was first to identify N. apis, against N. ceranae.

In addition, he is investigating colony-level pathology associated with N. ceranae infection and ecological interactions between these two Nosema species.

In 2007, Geoff was awarded one of six global scholarships from the Foundation for the Preservation of Honey Bees (American Beekeeping Federation) and recently received the Canadian Association of Professional Apiculturists’ Student Merit Award for 2008.

Kathy Summers, EAS Journal Editor 7011 Spieth Road, Medina, OH 44256 330.461.1081 • 330.725.6677, ext. 3215 • 330.725.5624 FAX kathysummers@zoominternet.net or journal@easternapiculture.org or kathy@beeculture.com Please contact me with comments, suggestions, corrections, things you’d like to see in your Journal.

Be Sure & Visit Our EAS Website www.easternapiculture.org
Hotels & campgrounds in Murray area

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**Super 8 Motel**
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Murray, KY 42071
270.753.1150

**Best Western University Inn**
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877.574.2464

**Hampton Inn & Suites**
1415 Lowes Drive
Murray, Kentucky, 42071
270.767.2226

**Kenlake State Resort Park** (15 miles from Murray)
542 Kenlake Road
Hardin, KY 42048-9737
270.474.2211
800.325.0143

**Camping**
Camping also available at Kenlake* – for camping reservations call 888.459.7275 or go to webpage

**Other camping:**

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**Bullfrog Campgrounds**
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Murray, KY 42071
270.474.1144

**Holly Green Rv Park**
102 Parks St.
Murray, KY 42071
270.753.5652

There is also camping available at Land Between the Lakes*, but the drive is further. For more information go to: [http://www.lbl.org/](http://www.lbl.org/)

*Ken Lake State Park or LBL might also be of interest to those who wish to camp prior to or after EAS. It is a very scenic outdoors area.

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**Riverboat Gaming Comes To EAS**

In the spirit of the Four Rivers Region of Kentucky (where Murray University is located), we have planned a Riverboat Gaming Night for the Wednesday night Social. Relax and listen to pianist Todd Hill ([www.toddhillorchestra.com/pages/Todd_Hill.html](http://www.toddhillorchestra.com/pages/Todd_Hill.html)) or join the games where a modest ante will buy into Blackjack, Poker or Fortune Wheel. Prizes will be awarded in lieu of cash and all proceeds will benefit EAS.

We are asking EAS Life Members to volunteer for this event. If you are an EAS Life Member and you’ve ever wanted to be a Casino Dealer or Table Assistant, this is your chance. If you’re willing to assist with this event, please contact Aaron Morris at director.ny@easternapiculture.org. We are also soliciting “gaming prizes” from life members, or anyone else willing to donate. Items that will make good gaming prizes include lotions, lip balm, creamed or varietal honey, candles, (new) bee-related knick-knacks and new equipment. Anyone willing to donate items for prizes should contact Toni Downs at tonivdowns@hotmail.com

The Wednesday Social – Riverboat Gaming Night – promises to be a new and exciting event at EAS ’08 and we look forward to seeing you there!

— Toni Downs

---

**How Far Is Murray?**

These are approximate distances in miles, from some of our major cities within the EAS realm. These were taken from MapQuest just to give you an idea of driving time from your area.

<table>
<thead>
<tr>
<th>City</th>
<th>Distance (miles)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portland, ME</td>
<td>1,293</td>
</tr>
<tr>
<td>Boston, MA</td>
<td>1,190</td>
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<tr>
<td>Hartford, CT</td>
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<tr>
<td>New York City</td>
<td>970</td>
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<tr>
<td>Philadelphia, PA</td>
<td>902</td>
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<td>Newark, DE</td>
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<td>Jacksonville, FL</td>
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<td>Cleveland, OH</td>
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<td>519</td>
</tr>
<tr>
<td>Atlanta, GA</td>
<td>367</td>
</tr>
</tbody>
</table>

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**Driving To Murray**

**From the East (Louisville area)**
1. Take Western KY Parkway to I-24 West.
2. After 14 miles take Purchase Parkway (Exit 25A).
3. Continue on Purchase Parkway about 10 miles to 641 South (Exit 41, marked “Murray State Univ.”).
4. Continue on 641 South approx. 17 miles to Murray.
5. Once in Murray, turn right at the intersection of Hwy. 641 and Chestnut Street.
6. The Curris Center will be on your left, before the pedestrian bridge.

**From the North (Illinois area)**
1. Take I-57 South to I-24 East across the Ohio River and toward Paducah.
2. Continue on I-24 To Purchase Parkway (Exit 25A).
3. Follow directions 3-6 above.

**From the Southeast (Nashville area)**
1. Take I-24 West to Cadiz Exit.
2. Go West on Route 68/80 toward Murray.
3. Cross through Land Between the Lakes; after the second bridge, continue on Hwy. 80 toward Murray.
4. At the intersection of Hwy 80 and 641, turn left onto Hwy 641S.
5. Continue a few miles into Murray.
6. Once in Murray, turn right at the intersection of Hwy 641 and Chestnut Street.
7. The Curris Center will be on your left, before the pedestrian bridge.
EAS ’08 Short Course/Conference Registration
August 4-8, 2008
MURRAY STATE UNIVERSITY, MURRAY, KENTUCKY

PLEASE DO NOT MAIL YOUR REGISTRATION FORM AFTER JULY 18 - BRING IT WITH YOU AND REGISTER ON SITE.

FIRST & LAST NAME ___________________________ EVENING PHONE # ___________ DAYTIME # ___________
ADDRESS ___________________________________ CITY ___________________ STATE _____ ZIP ________
EMAIL: ___________________________________ Would you like to receive the Journal by email? _____

HAS YOUR PERSONAL INFORMATION CHANGED SINCE LAST YEAR? ____YES  ____ NO

For The Name Tags – Please list name, city and state of each person attending.

a. ___________________________ b. ___________________________ c. ___________________________ d. ___________________________

DUES
1. EAS DUES $25/Annual (Single or Family); $250/Life Member (includes family); .........$___________
   EAS Dues must be paid to attend this conference.

EAS SHORT COURSE - Aug. 4-6, 2008

Registration Fees – $100/person for all three days.

2. First & Last Name(s) ____________________________________________
   _____ x $100 = $ _______

REGISTRATION

EAS MAIN CONFERENCE - August 6-8, 2008

Main Conference officially begins WEDNESDAY MORNING at 8:00. Don't Forget!
Registration Fees – $100/person or $140/family

3. First & Last Name ____________________________________________
   $100 = $ _______

4. Family Names (first & last of each) _____________________________
   $140 = $ _______

ONE DAY FEE $40/person/day or $50/family/day

5. First & Last Name(s) ____________________________________________

Which day(s) _____ Wed. _____ Thur. _____ Fri.  # _____ x $40 x # _____days = $ _______

Which day(s) _____ Wed. _____ Thur. _____ Fri.  # _____ x $50 x # _____days = $ _______

Meals
6. All meals must be purchased in advance and are sold a la carte. Cafeteria meals begin with breakfast Monday morning, no supper will be served Wednesday, Thursday, or Friday (see Special Events on other side). Please indicate how many of each meal you require. Meal tickets will be with your registration packet upon your arrival.

<table>
<thead>
<tr>
<th></th>
<th>Monday</th>
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<td>$5.50 Breakfast</td>
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Cafeteria Meal Total $______

If you have questions regarding registration contact
John Tulloch, 302.378.1917
treasurer@easternapiculture.org

Page 1 Total ....................... $______
(Dues, Registration & Meals)
Rooms
Attendants can choose either a private bath suite or a shared bath suite (one bathroom shared by two adjoining rooms). Dorms are air conditioned and include two twin beds. If taking the shared bath option please indicate if you have someone you want to share with. A linen package is available, or you can bring your own. The linen package includes two sheets, one blanket, one pillowcase, two washcloths and one towel. **PILLOWS ARE NOT INCLUDED, YOU NEED TO BRING YOUR OWN!**

7. Dorms - Private Bath/$50/ROOM/Day
Sun _____ x $50 = _____; Mon _____ x $50 = _____; Tue _____ x $50 = _____; Wed _____ x $50 = _____; Thu _____ x $50 = _____;Fri _____ x $50 = _____

**Private Bath Suite Total** $_____

8. Dorms - Shared Bath/$45/ROOM/Day
Sun _____ x $45 = _____; Mon _____ x $45 = _____; Tue _____ x $45 = _____; Wed _____ x $45 = _____; Thu _____ x $45 = _____; Fri _____ x $45 = _____

**Shared Bath Suite Total** $_____

8. Linen Package
_____ x $7 = _____

**Linen Package** $_____

**Room Total** $_____

**SPECIAL EVENTS** Children under 18 attending Special Events must be accompanied by an adult.

**WEDNESDAY . . .**
9. Fish Fry – Preregistration required. # _____ x $20/ Person $__________
   Featuring Kentucky catfish and other locally grown & produced product

**Fish Fry Total** $_____

**THURSDAY . . .**
10. BBQ – Preregistration required. # _____ x $20/ Person $__________
   Featuring Kentucky Bison and Chicken

**BBQ Total** $_____

**FRIDAY . . .**
11. Banquet – Preregistration required. # _____ x $25/ Person $__________
   Buffet featuring Beef Brisket w/Horseradish cream sauce and Tropical Mahi Mahi

**Banquet Total** $_____

**Special Event Total** $_____

**Page 2 Total** $_____

(Rooms, Special Events)

**Page 1 Total** $_____

**Honey Bee Research** $_____

**Speaker & Education** $_____

**Grand Total** $_____

Mail this form with check or MasterCard or VISA # to

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Signature____________________________________________________________________________________

Send form and check to: EAS 2008 - John Tulloch, P.O. Box 473, Odessa, DE 19730

You can also register online with a credit card at www.easternapiculture.org
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Check MegaBee website for pricing, ordering and USDA study information:  www.megabeediet.com
Attention!

Changes To The Journal

Would you rather receive your EAS Journal as a pdf addressed to your email? In an effort to improve our service to you we'd like to start doing this. There are two big advantages to you receiving your Journal as a pdf through email. The first is that I can send you a color version of the Journal. You can see all of the photos and most of our advertisers in color. The second big advantage is that you will receive it even sooner than you already do. As soon as I hit that button it will arrive in your inbox. You won’t have to wait for it to be printed, labeled and mailed, you’ll already have it.

We started this new process with the Spring Journal.

Please visit our website to sign up – www.easternapiculture.org

let me know if you would like to receive your Journal in color as an email by sending me an email to journal@easternapiculture.org.

Kathy Summers, Editor

From The Editor –

Wow! It’s hard to believe that EAS 2008 is almost upon us. It’s crunch time, so get your registration form in the mail or go online and register in just a few minutes. We don’t want you to miss this one.

Kent Williams and his excellent team of volunteers have put together an excellent program. Check out the program in this issue. There are some of the regulars and some speakers that we haven’t seen for a while and some that are coming to EAS for the very first time as a speaker.

We certainly do appreciate the economic situation this year and EAS 2008 is a long way for a good many of our regular attendees. But Kent has done a good job of keeping the costs down because he wants all of us to make it to Murray State this year. The dorms are air conditioned and fairly inexpensive. There are several motels close by. So think about car pooling with someone else you know that always comes to EAS. Or as our Chairman mentioned check out the train. How much fun would that be?

I’d like to thank all of you who have already signed up to receive the Journal electronically. I say this carefully, but the postal system is becoming harder and harder to work with.

O.K. now for one of “Life’s Embarrassing Moments”. Some of you may have noticed that Kim Flottum’s name was misspelled in the 2008 program that was published in the last issue. Some of you found great humor in this. Not only have I known Kim for 20+ years, but he is our Chairman Emeritus and to make things even more humorous Kim and I were married on April 26. So naturally you assumed that by now I should know how to spell his name.

In my defense I didn’t actually misspell it, I just didn’t catch it when someone else misspelled (thanks Phil). Of course neither of my two proof readers caught it either, that would be our past Chairman and our current Chairman. So we all have a “My Bad” moment and gave many of you a laugh. And for those of you who didn’t catch it either, well there you go.

I hope you are all enjoying the Journal. I certainly enjoy putting it together for you.

I hope to see you all in Kentucky. Bring your shorts and your hats. It will be warm, but we’ll have a great time.

Kathy Summers, Editor
We hope to see all of you at Murray State for EAS 2008

If there is something you’d like us to bring please call ahead of time.

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Junior Bench Extractor Kit—The Junior Bench Extracting kit is the perfect extracting set up for the beginning beekeeper. The kit comes complete with 1 Junior Bench two frame extractor and stand, 1 bottling bucket kit, 1 speed king electric knife, plastic uncapping tub and 1 capping scratcher.

M00390KIT Extractor Kit ................. $499.95

This ships in 4 pkgs.
1 pkg @ 47#  
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Little Wonder Extractor Kits—A step up in size from the Junior Bench but the little wonder extracting kit is perfect for the hobby beekeeper. It is available in both hand and power styles. This four frame extractor comes complete with extractor and stand, 1 bottling bucket kit, 1 speed king electric knife, plastic uncapping tub and 1 capping scratcher.

M00396KIT LW Hand Extractor Kit .......... $554.95

This ships in 4 pkgs.
1 pkg @ 76#  
2 pkgs @ 35#

M00403KIT LW Power Extractor Kit .......... $829.95

This ships in 5 pkgs.
1 pkg @ 78#  
2 pkgs @ 35#  
1 pkg @ 8#

Ranger Power Extractor Kit

Hand style also available

Ranger Extractor Kits—For those who prefer a radial extractor this is for you. The Ranger extracting kit is available in both the power and hand styles. It is capable of extracting 6 - 6 1/4" frames or shallow frames radially or three deep frames tangentially by using the optional baskets. The 6 frame radial extractor comes complete with extractor and stand, 1 bottling bucket kit, 1 speed king electric knife, plastic uncapping tub and 1 capping scratcher.

"Optional baskets for deep frames sold separately."

M00400KIT Ranger Hand Extractor Kit ........ $639.95

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1 pkg @ 78#  
2 pkgs @ 35#

M00401KIT Ranger Power Extractor Kit .......... $896.95

This ships in 5 pkgs.
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2 pkgs @ 35#  
1 pkg @ 8#

M00402 Optional Baskets, for Deep Frames, Ship Wt. 8 lbs. .... $84.75
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-OR-

Does the applicant have any subsidiaries? ____
If yes, please describe:

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Total Number of Colonies: _____; Please list states you operate in:

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As part of an apiculture project at the University of Guelph, Dr. Ernesto Guzman-Nova and Les Eccles, BSc., asked the beekeepers of Ontario to complete a survey. “The objective of the survey was to obtain a broad analysis of beekeeping management practices in relation to colony disease and mortality rates.” This type of survey was used in Sweden and Germany in 2002-2003 and was believed to be important in “understanding the effect of beekeeping management practice on disease incidence in those countries.”

A preliminary result of the Ontario survey, indicated that the 2007-08 winter losses in Ontario are 30%.

The following is from part of a report issued by the Canadian Association of Professional Apiculturists (CAPA) issued Spring 2008.

Is CCD in Canada?

The symptoms by which CCD is being characterised in the U.S. have not been diagnosed by professional apiculturists in Canada. Though Canadian bees do not seem to be experiencing CCD-like symptoms, it is important to realise that higher levels of wintering and spring mortality in Canada may be related to the same casual factors as CCD losses in the U.S. Because longer winter conditions preclude the active brooding and flying of colonies found in early-season pollination areas of the U.S., colonies in Canada may not exhibit similar colony-level symptoms. Instead, it is conceivable that Canadian producers may simply see these effects as higher numbers of dead colonies coming out of winter or those described as dwindling during the early spring.

Most scientists in the U.S. and Canada would agree that what is being described as CCD in the U.S. and the high winter losses seen in Canada are likely being caused by several common interacting stress factors acting on honey bee colonies. Researchers in both countries are examining similar root causes of these stresses and their effects on bees.

What is being done in Canada?

Researchers in Canada remain in close contact with principal scientists assigned to the U.S. Working Group on CCD. Members of CAPA have also been actively monitoring the status of bee health across the country and are sharing scientific information.

Samples of adult honey bee samples from across the country have been collected for the detection of the parasite, Nosema ceranae. Based on these efforts in 2007, it was determined that the parasite was present in all Canadian provinces, with N. ceranae and N. apis found in approximately similar proportions. This is in contrast to the U.S. where N. apis is now seldom found in samples. In addition, infections of N. ceranae and N. apis can also be found in the same colony.

The impact of N. ceranae on honey bees is not well understood and it is likely a factor in the survival of colonies already under multiple stresses. Currently, CAPA members employed by federal and provincial governments, as well those in Canadian universities are undertaking research projects to better understand this parasite. Aims include determining the seasonal occurrence of N. ceranae in Canada, developing strategies for effectively managing this parasite as well as evaluating the use of novel therapeutic agents. Early indications suggest that N. ceranae is susceptible to fumagillin, the only registered therapeutic agent against N. apis. Nevertheless, much work is needed to determine best management practices to control this organism.

Researchers within CAPA are also evaluating alternative control options for varroa mites, methods of integrated pest management for honey bee colonies and the breeding of honey bee queen stock more tolerant of diseases and mites. Members of CAPA, in cooperation with the Canadian Honey Council, are also pursuing the registration of alternative products varroa control in Canada.

Dr. Maurice V. Smith (1920-2008)

Dr. Smith joined the Apiculture Department at the Ontario Agricultural College - University of Guelph in 1949 as a lecturer. Smith received his Ph.D. under Dr. Dyce at Cornell University.

Dr. Smith continued his work at the Guelph retiring as professor of apiculture. His profession led him to France, Kenya, Colombia and Peru. Maurice worked along with G.F. Townsend, Al Adie, P.W. Burke, and R.W. Shuel.

Maurice was a veteran of the Second World War, serving as a radar technician with 436 Squadron of the R.C.A.F.; speaker for the Dominion Institute Memory Project.

Looking Ahead

2009 – Holiday Valley Resort
Ellicottville, NY

2010 – North Carolina
Location to be determined

Register On Line This Year

Remember you can register on our website with your MasterCard or Visa. The past couple of years we are up to about one-third of our attendees registering online.

www.easternapiculture.org.

Ontario Beekeepers Association Meetings

Summer Meeting
Orillia
July 12

OBA-CHC Joint Meeting
Niagara Falls, Canada
December 10-13

For more information contact info@ontariobee.com
From The Colonies

News • Events • Gossip From The EAS Beeyard

EAS belongs to most of our region’s State Associations in order to keep up with what’s going on in the Colonies. If we don’t yet belong to your Association contact Loretta so we can sign up. And, send your newsletter to our Editor so we can keep up.

The GA Beekeepers Association will be holding their annual Fall meeting September 26-27 at the Rabun County Civic Center, 201 W. Savanna St., Clayton.

Speakers include Robert Brewer, Steve Forrest, Randy Oliver, Dan Purvis, Berry Wright and more.

For more information and to register visit www.gabeekeeping.com.

The NC State Beekeepers Association invites all beekeepers to the annual Summer Conference at Sandhills Community College in Pinehurst, July 10-12.

Speakers include Bob Danka, Jennifer Berry, Kirsten Traylor, and Mayann Frazier.

Workshop topics: queen rearing, healing with honey, removing bees from structures, cooking with honey, and more. A banquet will be held Friday evening. Vendor exhibits and sales booths will display equipment, supplies, gifts, and the latest beekeeping books.

For information visit www.ncbeekeepers.org/meetings or Charles Heffner, 919.859.6995, heath7@bellsouth.net.

Pennsylvania State Beekeepers will hold their two-day summer event July 18-19 at the Penn State Wiley Research Center (close to Beaver Stadium). It starts Friday morning at 10:00 a.m. and continues all day Saturday. Speakers include Tammy Horn, Eastern Kentucky University.

For information or to register contact 814.383.4331 or superbbee22@hotmail.com

November 22, 2008 The 3rd Annual Southern New England Beekeepers Assembly will be at the Unitarian Society of New Haven in Hamden, CT. This is an all-day event; lunch will be available and vendors will be present. It is co-sponsored by the Backyard Beekeepers Association; CT Beekeepers Association and the Wicwas Press. For more information, visit www.sneba.com.
# EAS Membership, Association and Life Member Dues Payment/Address Correction Form

(Please send all money in U.S. funds)

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<th>Names</th>
<th>Address</th>
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What local association do you belong to?

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<td>State/Provincial/County/Regional Association Dues: $50</td>
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<td>Life Membership Dues: $250 (Only Available to Individuals)</td>
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<td>EAS Honey Bee Research Grant:</td>
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<td>Speaker &amp; Education Fund:</td>
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