The Buzz Newsletter Article Submissions

Please send submissions, classified ads, and photos to Alex’ Ebert by email to TheBuzz@ABuzzAboutBees.com (also alex.ebert@eberthoney.com) or by mail to The Buzz, c/o Phil Ebert, 14808 S. 102nd Ave. E., Lynnville, IA 50153. The deadline for submissions is the 10th of each month to be included in the following month’s newsletter. The Buzz is a monthly newsletter published by the Iowa Honey Producers Association which is an affiliate of the Iowa State Horticultural Society.

IHPA Awards

If you know of somebody the IHPA should recognize please contact Curt Bronnenberg at (515) 465-5939. A brief written description of the nominees involvement in beekeeping/ IHPA would be appreciated. These awards are given out during the Annual Meeting so please send in your nominees as soon as possible.

- Life Time Membership Award
- Pioneer Award for having been involved in beekeeping for 50 years or more and still active in beekeeping.
- Distinguished Service Award for assisting other beekeepers, willing to share information, and/or serving the state association.
- Education Award for teaching beekeeping classes, speaking at service clubs, giving presentations to school children or speaking about beekeeping on radio or T.V.
- Promotions Award for promoting honey and beekeeping, promotions for the state association or promoting their own product.
- Friendship Award for being a friend of the association. This could be someone who has displayed at the annual IHPA trade show, a state official who has assisted or encouraged beekeeping. They do not need to be a of our beekeeping community.
- Youth Award for a youth person who has shown commendable involvement in such things as helping at the state or county fair, successfully keeping bees for at least one season including wintering, writing, making a float for a parade, speaking, etc.

November 14th-15th—IHPA Annual Meeting—Marshalltown, IA

**For Sale:** 60 Sections of cut comb honey in clam shell boxes. $5.50 each
Call Jeremy Van Donselaar at 641-672-9598.

**For Sale:** Medium and Deep boxes with frames (no foundations) $35.00 each. Also have Bottoms, Lids, and other misc. for sale. Also have Top Bars at 30 bars large, very nice, $375.
Andrew Jenkins
Tipton, Iowa
Call 563-889-2632

**FOR SALE:** Beekeeping equipment - Goodell IA
Offering reasonably priced new and some used beekeeping supplies and equipment.
For more information, please call Pat @ 515-293-2601

**For Sale:** 8 beehives reconditioned; some new parts, 90% complete, new paint, state inspected.
3 bee smokers
1 honey extractor
Call Dave at 319-331-6590

**FOR SALE:** Plastic uncapping tank, complete with honey gate and pivot bar $85.
Contact fieldstonefarms@netins.net.

**FOR SALE:** 1 yr old Dadant Water Jacketed Mini Melter for $800.
Call: 641-477-8521.

**Please Help:**
My one and only hive will not make it through the winter unless I can buy 5 full deep frames of honey OR I will need to sell my bees to someone who needs to boost their hives before winter. They have been inspected by Andy Joseph, state apiarist and are healthy. Dottie Johnson 515-669-1006

**Wanted:** Barrel Moving Cart, Stainless Uncapping Tank for 18+ frames, and a platform scale.
Call Jeremy Van Donselaar at 641-672-9598

**Wanted:** 55 gal drums in good condition for honey.
Call Curtis at 319 480-2915

**For sale:** Bees in 9 5/8 in 10 frame hive body with 9 frames.
$130.00 each.
Call Curtis at 319 480-4209

**FOR SALE:** screen bottom boards, telescopic covers and 1 gallon frame feeders. For pricing on used equipment, call 641-477-8521.

**FOR SALE:** Bee Blower with new hoses. Same as shown in Dadant catalog page (M00780 - MRP $529), has Tecumseh engine. $225.
Call: 641-477-8521.

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President's Message
November 2014
Time is just flying by, it seems like spring has just started and now it’s mid October, and I can’t keep up. It’ll be close to November by the time you read this so keep in mind or even make your reservations for the IHPA’s Annual Meeting in Marshalltown, November 14th – 15th. The IHPA has a block of rooms reserved for a discount for the meeting; please mention this when making your reservations. When these rooms are gone, so is the discount. Thanks to Eli, we have an excellent line of speakers again this year. Keith Delaplane for the University of Georgia (I am looking forward to hearing him speak, as we have been trying to get him to Iowa for a number of years) and Marla Spivak from the University of Minnesota (she is always a great pleasure to hear speak). Andy Hempken from Wisconsin is coming to talk about making mead. Andy was our guest in 2010 and was a pleasure to hear and I look forward to hearing him. He also makes great tasting mead, of which some he donated for the queen auction. He also has received many ribbons for his mead, so we will be learning from one of the best. And don’t forget about the fine vendors that also will be here: B & B Honey, Dadant, Mann Lake and Walter Kelly. There will also be B & L Plastic Containers LLC and Central Iowa Bee Supply. This is a great time to order your supplies from your supplier and pick them up at the meeting, saving $ on the shipping charges. It looks like another good year for the Iowa Honey Producers Annual Meeting!! (A full weekend of talking about the bees, life is good).

Along with the Annual Meeting come the elections of new officers for the Board of Directors of Hthe IHPA. I hope all will consider possible volunteering for a board position. The organization needs new members to step up to help keep the organization fresh, with new ideas. Members who have been on the board long term, become burned out and stale. Please consider the possibility being a board member. For me I have enjoyed the majority of my time on the board. I found doing this very rewarding, promoting the beekeeping craft in Iowa, and being a part of helping guide this organization. I am passionate about beekeeping, and I believe this organization serves a great need in Iowa. To me, there is a great satisfaction to help a “new-bee” learn the art of keeping bees.

Keep November 14th and 15th on your calendar, make your reservations in Marshalltown and hope to see you all there.

To change thought, I also hope you all have been taking care of your bees. In north central Iowa there was very little or no nectar flow from late August to late September and some hives starved to death. I have talked to 8 - 10 different beekeepers in north Iowa that have either lost some of their hives due to starvation (ouch!) or their hives are very light in weight. Make sure you are checking your hive and give them some food if they are light. What you feed is up to you, honey is always best, but if you don’t have that, feed them something. Hopefully you’ve done some mite checks to decide if you need to do a mite treatment and have got that done already, if you have not yet done it - get it done ASAP! Varroa Destructor is our #1 problem and if you didn’t take care of the mites, the mites will kill the bees by compromising their health. A hive with higher mite count will probably be dead before spring, no matter how much food or protection you give it. The cost $ of treatment verses the cost of a package or nuc replacement should be a good incentive to protect our investment and treat.

A lot of people talk about winter wraps for bees, some don’t think you need to wrap the hives, some think you should, and some just don’t take the time. This is what I think:

1. Any extra protection you could provide from wind and cold can only be helpful. (Are your hive boxes in good shape or are they in need of repair or replacement?)

2. I like a black winter wrap, the black absorbs the warmth from the sun and helps warm the hives.

3. Any type of wind break would only help your hives. Some beekeepers tell they put their bees in the back of a lean-to shelter or a small animal hut to help reduce the winter winds and provide a warmer space around their bees. A living screen such as trees or shrubs, buildings and fences; these would all help increase our chance to survive. I know this is not a guarantee the bees will survive, but is a part of the picture as we work to keep our bees alive over our winter season. Protection from elements, adequate food supply, maintain healthy bees, eliminate mite load stress.

Spend some time this winter reading and learning more about the craft of beekeeping that we all enjoy doing. Do some winter repairs to your equipment and get ready for spring. Have a plan ready for feeding when the winter weather gives you a brief break and when we can do a quick assessment for food stores needs and feed if necessary.

Enjoy time with family and friends for the holidays are fast approaching!!

Bee Happy, Bee Joyful and Bee Yourself

Pat

November Trivia: A queen normally only lays one egg in a cell, if she is laying more than that, what is wrong with her.

Answer on pg 12.

Annual Meeting Contest Judges
If you are interested in being a judge or helping out at the annual meeting in Marshalltown on November 14 & 15, please contact Eli for more details.

Tel 641-512-4728 or email fieldstonefarmsbiz@gmail.com.

Look forward to hearing from you.

Eli IHPA vp
Buzz Quilts

Raffle tickets are still available for the 2nd Annual Buzz Quilt. Two quilts were produced this year. The thought being more than person would receive a one-of-a-kind handmade quilt. One quilt will be auctioned after the banquet during the live Queen Auction on Friday night of the Annual Meeting. The winning raffle ticket will be drawn on Saturday afternoon at the conclusion of the Annual Meeting.

Tickets will be $5 each or 5 for $20. Contact Rhonda Heston to purchase tickets. Tickets will be available at the annual meeting.

You won’t be disappointed with either quilt. We have great quilters in our Association. (Vie the Buzz Quilts on pg 13.)

IHPA Membership

It’s time to renew your membership. Our membership year is from January 1st to December 31st.

Iowa Honey Producer’s Association is a 501(c)3 organization. What does that mean for you? Your membership dues and any donations could be tax deductible. Ask your tax professional for details.

Dues for 2015 are $20 for the first person in your family/household and $5 for each additional person in your household. One Buzz Newsletter will be sent to a single address.

Remember, if you are coming to the Annual Meeting on Friday for the business meeting and will be voting in the election of officers, you must be a paid member in good standing. One vote per paid membership. For instance, you paid $20 in membership dues, that is one vote. $25 paid equals two votes (one for you and one for your spouse/child).

How do you know if you are a paid member and in good standing? Check the back of this Buzz Newsletter. Your expiration date should read 12/31/2014 or 12/31/2015 (if you have already paid your dues).

If you have any questions, please contact Rhonda Heston at r_heston@yahoo.com or 515-724-2124.

IHPA Bylaw Changes Proposal

The following is a posting of the proposed changes to the IHPA bylaws to be voted on by the membership during the Annual Meeting. The underlined portions are the proposed changes.

The following is proposed changes to our by-laws:

ARTICLE IV - OFFICERS, DIRECTORS AND COMMITTEE CHAIRPERSONS

SECTION 1. The Officers of the Association shall be the President, Vice President, Secretary, Treasurer, and Historian. All officers shall hold office for one year and be elected at large from the IHPA membership as described in ARTICLE III of this document. The President and Vice President will be limited to no more than five (5) consecutive terms.

There shall be eight (8) Directors within the organization. Six (6) of the Directors shall reside in the areas corresponding to the six (6) current U.S. Congressional Districts. The Six (6) directors shall hold office for a two year term, and be limited to no more than three (3) consecutive terms. They shall be elected three per year at large from their respective congressional districts and must be a member of the IHPA as described in ARTICLE III of this document.

The remaining director position shall be filled by the immediate past president at the completion of their term, and the Queen Chair person.

The President, Vice President and Treasurer shall be at least twenty one (21) years of age. The Secretary, Directors and Historian shall be at least eighteen (18) years of age.

All officers and directors shall be elected by the general membership, present at the Annual meeting.

SECTION 2. Remains the same

SECTION 3. Remains the same

SECTION 4. Remains the same

SECTION 5. The Executive Board shall determine the number of committees needed to support the operations of the organization. This number may vary from time to time to serve the needs of the organization. The Executive Board will elect/appoint all committee chairpersons. All appointed chairpersons shall be from the general membership as described in ARTICLE III of this document and must be at least eighteen (18) years of age.

SECTION 6. Immediate family members, relatives or persons living in the same household may not hold any position as an Officer, or Committee Chairperson of this Organization during concurrent terms.
Iowa State University’s Iowa Bee Virus Survey: Results Are In!

By Amy Toth and Adam Dolezal
Iowa State University Department of Ecology, Evolution, and Organismal Biology and Entomology

Over the course of the past year, the bee lab at Iowa State University (Dr. Amy Toth, Principal Investigator) conducted a survey of bee viruses from hives of several beekeepers across Iowa. The work was mainly carried out by postdoctoral researcher Dr. Adam Dolezal, with assistance from postdoctoral research Dr. Jimena Carrillo-Tripp and undergraduate students Nikki Schubert and Giselle Narvaez. First, we want to heartily thank the 36 beekeepers that sent us over 110 samples for analysis! In the article below, we are excited to have the opportunity to report back to all of the IHPCA members on the results of our study.

Background: + È bees are host to many different diseases, including numerous different viruses. Studies have identified several very common viruses-of-concern to bee health, including Deformed wing virus (Figure 1A), Black queen cell virus, and Israeli acute paralysis virus, and Sacbrood Virus. Many honey bee colonies harbor viruses, but are successfully able to fight off infections if the bees are healthy with strong immune systems. Under stressful conditions, such as poor nutrition and high mite levels, virus levels can get out of control and lead to the death of bees and entire colonies. Some studies have suggested that apiaries located in areas with more natural, uncultivated land have higher honey production and lower incidence of diseases. Considering the fact that Iowa is one of the most heavily cultivated areas in the world, we were interested in testing whether bees living in apiaries surrounded by more uncultivated land within Iowa would be healthier.

The Purpose: The purpose of this study was two-fold. 1) To quantify the incidence of several viruses-of-concern to bee health in apiaries across Iowa. 2) To test whether honey bees collected from apiaries surrounded by less cultivated, and more prairie and woodland habitat will have lower virus incidence. We reasoned that bees in landscapes with less crop habitat will be exposed to fewer insecticides and have access to more constant and diverse flowers for food, both of which can lead to stronger immune systems and better resistance to disease.

The Study: We used addresses provided in the IHPCA member database to select beekeepers in several apiaries in areas of either very high cultivation levels (greater than 75%) or lower cultivation levels (less than 40%). We analyzed the land around apiaries (at a 1, 5, and 10 mile radius) using Geographical Information Systems (GIS) analysis. Members in targeted locations were called on the phone and asked to send us samples of live bees from at least 2 hives from a single apiary in the fall. We received bee samples from 37 beekeepers, the bees were freeze-killed and then we used a mortar and pestle to grind them into a fine powder while they were kept frozen with liquid nitrogen. We use this material to measure fat levels of bees (which can indicate their nutritional state) as well as run a sensitive laboratory assay (Figure 1B) to analyze levels of the 4 viruses-of-concern mentioned above. For some samples where we received enough bees, we quantified Varroa destructor mite levels using an alcohol wash.

The Results: The main findings of the study are as follows: 1) Bees from every single apiary we sampled had viruses (Table 1). The most common viruses were Deformed wing virus (associated with Varroa mites) and Black queen cell virus. Virus levels from different apiaries ranged very widely. Some apiaries had very low levels of viruses (considered “normal” and not likely to cause infection or problems). Some apiaries had very high levels of certain viruses, including Sacbrood virus and Israeli acute paralysis virus. 2) We did not find any indication that the landscape in which apiaries were located had an effect on their virus levels (Figure 2A) or fat levels (Figure 2B). Our data did not support our prediction that bees from highly cultivated areas would suffer from higher levels of viruses and lower fat stores. 3) In some apiaries, mite levels were very high, and when mite levels were high, unsurprisingly, levels of viruses were also very high (Figure 2C).

What we have learned: Our results confirm that viruses are very prevalent in apiaries across Iowa. We found no indication that apiaries located in areas of high cultivation were more likely to have health problems (e.g. low fat stores, high viruses). Instead, our data show that when mite levels soar, viruses can get out of control and lead to sick bees. It is
possible there might still be an impact of the landscape and cultivation levels on bee health, as suggested by previous studies, but we were not able to detect that effect in our study. Perhaps this is because we need to look at areas with even lower levels of cultivation, or do a more careful analysis of the landscape surrounding apiaries—such as what type of uncultivated land surrounds apiaries—is it urban, prairie, woodland, etc? Another very likely possibility is that differences between beekeepers in their management strategies (e.g. whether they treated for mites or not, or used nutritional supplements) had such a huge effect (Figure 2) that any landscape effects were drowned out. We will be following up on this study with some more controlled studies using our own hives placed in different landscapes.

Figure 2
We found no difference in the health of bees from apiaries in areas of high cultivation vs low cultivation. Both virus levels (A) and lipid stores (B) did not differ. We did find that bees that had higher mite levels tended to have higher levels of viruses (C).

The bottom line: Viruses are out there! They are often found at low levels that can be kept at bay by healthy bees. However, if bees are under stress, viruses can take off and become a large health problem. We see this most commonly when mites are not controlled. One of the best ways to keep bees from succumbing to viruses is to keep mites under control through careful management. The landscape may matter (the verdict is still out on this), but without good mite control, you’ll be sunk long before your bees could benefit from good living conditions.

How you can learn more: Individualized results have been sent to each of the participating beekeepers, and Amy will give a presentation at the 2014 IHPA Annual Meeting in November. We will be happy to talk more with you and entertain any questions at that time, or via email amytoth@iastate.edu, adolezal@iastate.edu, or by phone 515-294-3121.

This study was made possible by generous funding by the Iowa State University Center for Virus-Insect Interactions.

Auctions for the Annual Meeting
During the breaks in the presentations at the Annual Meeting, a silent auction benefiting the Iowa Honey Queen program, will be set up in the hallway. Donations are always welcome. If you have items you would like to donate to either the silent auction or the live auction, please bring them with you and see Connie Bronnenberg or Rhonda Heston.

Beekeeping Journals
Do you subscribe to the American Bee Journal or Bee Culture? Do you know that as an Iowa Honey Producer’s Association member you are eligible for a discount? Please contact Rhonda Heston for the form before you renew. Discount forms will be available during the Annual Meeting. Ask your tax professional if your subscriptions to these magazines or other publications you subscribe to are tax deductible. Your mileage, seminars and class fees maybe deductible as well.

He holds the Award for Excellence from the American Association of Professional Apiculturists and J.I. Hambleton award for research from the Eastern Apicultural Society. From 2008-2013 he was National Director of the Managed Pollinator CAP project. He lived in England in 2012 and 2013 working on the effects of queen multiple mating on colony health. In 2014 he was inducted by Queen Elizabeth II into the Most Excellent Order of the British Empire for his research and teaching the past 20 years in Great Britain.

Marla Spivak
MacArthur Fellow and Distinguished McKnight Professor in the Department of Entomology at the University of Minnesota. She obtained her PhD at the University of Kansas in 1989 on the ecology of Africanized honey bees in Costa Rica. The research and extension efforts in her lab focus on how bees keep themselves healthy -- their social immunity. She bred a line of honey bees for hygienic behavior, a social trait that helps bees fight off diseases and parasites. Current studies focus on propolis - - plant-derived resins with remarkable antimicrobial properties that provide another form of social immunity to honey bees. Other studies include how pesticide use and lack of floral diversity affect honey bee health and wild bee diversity and abundance. Marla began her career working for large-scale beekeepers and her priority is to do research that is applicable to them. To this end, she
has recently help launch a national Bee Tech Team program to provide technical help for commercial beekeepers and an urban Bee Squad program to mentor backyard beekeepers.

Mary Harris
Received her doctorate in Entomology from the University of Georgia where her research examined biological control approaches to both insect and fungal plant-pests. Prior to receiving her doctorate she developed IPM programs with the University of California Extension and was the Head of the Biological Control Division of Yoder, Brothers, Inc. in south Florida. Dr. Harris has master's degrees in Integrated Pest Management from the University of California at Riverside and Wildlife Biology from the University of Montana.

Since 2007, Dr. Harris has held a joint appointment at ISU in the Natural Resource Ecology and Management Department and the Entomology Department. She teaches Pollination Biology, Plant Protection Using Natural Enemies, Forest Insect and Disease Ecology, and Wildlife & Fisheries Biology. Members of the Harris lab pursue research investigating ecosystem services and diversity of native bees, native-bee habitat enhancement as well as honeybee health and environmental concerns. She has been a part of the interdisciplinary STRIPs research team since 2009 investigating the benefits of incorporating strips of native prairie vegetation in row crops.

Mike Goblirsch
Marla Spivak PhD graduate.

Andy Hemken
Beekeeper since 1995. 3 hives turned into 50 hives, then 100. A sideline business president for many years. When full time employment ended 2 years ago, his hive count increased to 500.

Andy has been the President of the Milwaukee Waukesha Beekeeping Association for 12 years and helped start the Walworth Beekeeping Club. He also did a two year term as the President of the Wisconsin Honey Producers. He instructs the beginning beekeeping class and does other seminars as well as selling package bees, and mentoring many local beekeepers. Andy is an occasional contributor to the American Bee journal. Early in the game, there was unsold honey, and mead making commenced. Andy is a member of the Beer Barons of Milwaukee, one of the largest beer and mead clubs in the Midwest. Acquiring brewing equipment, Andy moved from one area in the basement to another, setting up shelves and an area to brew mead. His extremely understanding wife Cheryl is supportive, as long as she doesn’t have to see the mess and fermenting carboys in the kitchen or living area. Andy has also acquired over 25 awards for mead making over the years, and enjoys mentorship of other mead makers to increase his prospects of new mead.

Michele Colopy
Twenty years of experience in non-profit organizations, and holds a Master’s degree in Non-profit Management from The University of Akron. Her nonprofit experience includes work in the performing arts, housing and homelessness, foreclosure prevention, community development, and health and wellness. Her father was a beekeeper in Ohio.

Kelly Boon
Born in Kansas, but grew up in Iowa. A CHAOS coach [Creativity Humor And Other Stuff], Kelly empowers individuals to become active team players in an environment that promotes trust and engages brainpower through laughter and creativity. Learning how to laugh at ourselves while taking our work seriously not only promotes a healthier work environment, but produces powerful results! Kelly’s unique methods of engaging her audiences through public speaking and trainings are highly interactive and transforming.

Robert Lelewski
New beekeeper with his wife and son in Pella, Iowa. Last year's especially cold winter left Robert frustrated about being unable to determine the health of his hives (unfortunately, the bees were long dead). He built a beehive bio server designed to remotely monitor conditions in a hive via weight, humidity, and temperature readings. This information is easily accessible from any computer in the world and also assists nearby beekeepers.

At his day job at IBM, he provides incident response and computer forensic support to help respond to computer crimes and other security incidents. Robert holds a BS from Syracuse University in Economic Crime Investigation, a MS in Technology Management from the University of Denver, and is currently finishing up a MBA at the University of Northern Iowa.
102nd Annual Meeting of the Iowa Honey Producers Association
November 14th & 15th, 2014
Best Western Regency Inn, Marshalltown, Iowa

It's meeting time again!! The annual meeting of the Iowa Honey Producers Association will be held Friday, November 14th and Saturday, November 15th in Marshalltown, Iowa at the Best Western Regency Inn (641-752-6321), located at 3303 South center Street.

Room rates are: The Best Western Regency Inn for double occupancy is $73.00 plus tax. The Super 8 is $60.00 plus tax.

To get the above convention special rate, these rooms need to be reserved by October 30th, also please mention the Iowa Honey Producers when reserving the rooms).

Telephone numbers are: Best Western (641) 752-6321 and Super 8 (641) 753-3333. For best availability, advisable to book early.

Please think about entering our photo contest, cooking with honey contest, mead contest, hive body paint design (NEW category or bringing items for the queen and silent auction! Consider attending the banquet, enjoying fellowship with )your fellow beekeepers.

AGENDA
(subject to change)

FRIDAY MORNING SCHEDULE November 14th
8.00: Registration... RAFFLE TICKETS ...MUST BE PRESENT TO WIN!!!! (Bonus raffle prize - Saturday 4.20pm!)
Note: Visit vendors in Mr G's next to hotel bar and grill.
Cooking with Honey, Photo Contest, Hive Design and Mead entries need to be in Room F by 10 am!
Donated items for Silent Auction & Banquet Auction to Connie Bronnenberg & Rhonda Heston
Raffle tickets for the Bee Quilt are $5 per ticket or 5 tickets for $20; drawing will be Saturday at 4.15pm.

Welcome and Call to Order
8.30: Introduction of IHPA Board Members & Announcements .......................................................... Eli Kalke, IHPA VP
9.10: The Superorganism and Why it Matters ............................................................ Keith Delaplane
10.10: BREAK – Make a bid on the silent auction items & visit Vendors in Mr G’s
10.30: Door Prizes – MUST be present in the room to win!!
10.40: State Fair Booth & Exhibits Explained ............................................................ IHPA
11.25: Good News from the University of Minnesota ............................................................ Marla Spivak
12.00: Queen Luncheon in Room B is Lasagna with tossed salad. $15.00/adult & $12.00/child 4-12 yrs) or on your own.

HAVE LUNCH WITH OUR CURRENT 2014 QUEEN, PRINCESS & 2015 QUEEN CANDIDATES!

FRIDAY AFTERNOON SCHEDULE
1.00: Door Prizes – MUST be present in the room to win!!
1.10: From Propolis to Pesticides: Research in the University MN Bee Lab ............................................................ Marla Spivak
1.40: Cooking, Photography, Hive Design & Mead Judging Contest Results ............................................................ IHPA
1.50: Youth Program ............................................................ Mike Swett, IHPA Youth Program Coordinator
2.00: Meet the Honey Queen Candidates ............................................................ Connie Bronnenberg, Honey Queen Chair
2.20: BREAK - Make a bid on silent auction items, visit vendors in Mr G’s or come and taste the cooking contest entries, view photos and hive designs in Room F. Tasting of the mead entries will be during “Wine & Cheese Welcome by the Pool” at 5pm.
2.40: BEE Inspired ............................................................ Kelly Boon
3.20: Business Meeting ............................................................ Pat Ennis, IHPA Pres.

*Silent Auction Ends – Please collect your treasures. Thank you for supporting the IHPA Queen Program!!*

FRIDAY EVENING SCHEDULE
5.00-5.45: Wine & Cheese welcome social by the pool (soft drinks will also be available).
Compliments of the Marshalltown Convention & Visitors Bureau.
(Taste the results of our 7th annual “Mead Judging Contest” or bring your finest homemade mead/wine to share!)
6.30: **Banquet (located in Rooms B & C)** Buffet Style with choice of sliced roast beef or baked chicken breast. Salads are marinated pasta salad & broccoli raisin salad, California medley vegetables & Irish potatoes. Desert is Dutch apple pie with ice cream. Served with iced tea and regular or decaffeinated coffee, dinner roll and house salad.

**BANQUET PROGRAM**

Introduction of Queen Candidates, Parents & Sponsors .................................................. Connie Bronnenberg, Honey Queen Chair
Awards presentation ........................................................................................................ Curt Bronnenberg, Awards Chair
**THANK YOU!!** From the IHPA 2014 Iowa Honey Queen .......................................................... Gabrielle Hemesath
Auction Time!! Thank you for Supporting the Iowa Honey Producers Queen Program .................................................. Bill Van Roekel
**QUEEN CORONATION for 2015!!** ................................................................. Connie Bronnenberg, Honey Queen Chair

**SATURDAY MORNING SCHEDULE November 15th**

8.00: Registration……RAFFLE TICKETS……..WIN A COMPLETE HIVE at 4.20PM TODAY… MUST BE PRESENT TO WIN!!
Note: Meeting will take place in Room D & E
Vendors will be in Mr G’s and will be Packing up Around Noon Today!!
Donated items for Silent Auction to Connie Bronnenberg & Rhonda Heston
Raffle tickets for the Bee Quilt are $5 per ticket or 5 tickets for $20; drawing will be at 4.15pm today.

**Welcome and Call to Order**

8.30: Announcements & Door Prizes (Must be present in room to win) .......................................................... Pat Ennis, IHPA Pres.
Introduction of IHPA Board Members
8.45: Our work to protect pollinators and beekeepers ........................................................... Michele Colopy
9.05: Planter Corn Dust ........................................................................................................ Mary Harris
10.00: BREAK – Make a bid on silent auction items & visit vendors in Mr G’s (vendors will be packing up around noon!)
10.20: Door Prizes – MUST be present in room to win!!
10.30: The Benefits of Polyandry (the benefits of maximizing drone mating numbers in our queen) ........................................ Keith Delaplane
11.30: The protective effects of good nutrition on honey bees’ susceptibility to diseases ........................................ Amy Toth
12.00: Lunch is on your own or you can eat at “The Junction Bar and Grill” here in the hotel

**SATURDAY AFTERNOON SCHEDULE**

**NOTE - Silent Auction Ends @ 1.00 pm**
Please collect your treasures, and thank you for supporting the IHPA Queen Program!!

1.00: A survey of honey bee viruses from managed hives and wild bees in Iowa .......................................................... Amy Toth
1.30: Bee thermoregulation and overwintering ....................................................................... Mike Goblirsch
2.15: BREAK Door Prizes – MUST be present in room to win!!
2.30: Mead Making 101 ...................................................................................................... Andy Hemken
3.30: Beehive Bio server: Using technology of become a better beekeeper ........................................ Rob Lelewski
4.15: Raffle drawing for the Bee Quilt .................................................................................... IHPA
4.20: Bonus Raffle Give A-Way!
  **WIN** A Complete Bee Hive with BOTTOM BOARD, 2 DEEPS W/18 FRAMES AND FEEDER, 2 ILLOINES HONEY SUPERS W/20 FRAMES AND INNER COVER AND COVER. MUST BE PRESENT TO WIN!

**Questions and Adjournment**

Note: After the Raffle Give-A-Way, there will be a short meeting of the new and re-elected 2015 board members & officers.

**Annual Meeting Early Registrations**

Early registration for the Annual Meeting is a benefit for you and your treasurer. It saves you money and it helps Rhonda process the registrations more efficiently. Early registration is $25 per single registration and $40 for couple/family registrations.

If you wait until you arrive in Marshalltown to register, please bring your completed registration form with you. Cash, checks and credit cards will be accepted at the door. At the door the registration is $30 for single registration and $45 for couple/family registrations.

The early registration deadline is October 31st. This is also the deadline to purchase Queen Luncheon tickets. The luncheon is Friday and the cost is $15 for adults and $12 for children 4-12. Banquet tickets can be purchased at the door for $25 per person and $19 per child ages 4-12.

Remember - if you register before October 31st you will be in the drawing for two free banquet tickets. If you are the winner of the drawing and have already paid for your banquet tickets, you will be reimbursed on the spot, so you can visit the vendors.
IOWA HONEY PRODUCERS ASSOCIATION
102ND ANNUAL MEETING
BEST WESTERN REGENCY INN,
MARSHALLTOWN, IOWA on NOVEMBER 14TH & 15TH, 2014

NAME: ________________________________________________________________________________
ADDRESS: _____________________________________________________________________________
CITY: ______________________________________________________ ZIP: ______________________
PHONE: ( _______ ) ______________________________ COUNTY: _______________________________
NO. OF COLONIES: __________________________ YEARS BEEKEEPING: ___________________________
E-MAIL ADDRESS: _______________________________________________________________________

DEADLINE FOR ANNUAL MEETING PRE-REGISTRATION IS OCTOBER 31ST (NO EXCEPTIONS).
If you can only attend one day, no discounts can be given. No refunds will be given after November 1st.

Annual Meeting Fee:
Individual:
   Registration after October 31st will be $30.00 / Before Oct 31st $25.00   $________________
Couple/Family Rate:
   Registration after October 31st will be $45.00 / Before Oct 31st $40.00   $________________

Queen Luncheon - Friday noon (pre-registration required by October 31st, per new hotel management)
   Number of tickets (per person) ________     x $15.00 $________________
   Number of tickets (per child 4-12 yrs) ________    x $12.00 $________________

Banquet - Friday night 6:30 PM
   Number of tickets (per adult) ________     x $25.00 $________________
   Number of tickets (per child 4-12 yrs) ________    x $19.00 $________________

* Pre-registrations received by October 31st, will enter drawing for 2 free banquet meals! *

2014 MEMBERSHIP DUES:
IHPA membership dues (includes subscription to “The Buzz” newsletter)         $20.00 $________________
2nd Family membership with same address Name: _______________________        $ 5.00 $________________
3rd Family membership with same address Name: _______________________        $ 5.00 $________________
TOTAL: $________________

** NOTE: Paid 2014 membership is required to vote at the business meeting.**

Return this completed form, together with your payment to:
Rhonda Heston, IHPA Treasury, 52735 187th Avenue, Chariton, Iowa 50049
Please make checks payable to: Iowa Honey Producers Association

Any questions about the annual meeting, please contact Eli Kalke (IHPA VP) at fieldstonefarms@netins.net or call 641-477-8521.

Note: Members are responsible for sending in their own magazine subscriptions and national association memberships starting October 1, 2003.
**Rules for the Photo Contest:**
- Photo must be matted but not framed
- Any size photo will be accepted for this competition
- Your name needs to be on the backside of the photo

**Categories to be submitted will include:**
1. Bee on Flower
2. General beekeeping
3. Marketing or Promotion
4. Extracting Honey or Specific Photos pertaining to Honey

**Rules for the Cooking Contest:**
- Honey is to be the only sweetener
- Please submit your recipe with your entry
- Judges will keep recipes to be included in the “Buzz”
- Your name needs to be on the back of the recipe card

**Categories to be submitted will include:**
1. Desserts
2. Bars or Cookies
3. Drinks
4. Cakes
5. Breads
6. Appetizers or Snacks

Entries could be judged on:
- Presentation of entry
- Best use of honey
- Amount of honey used (compared to other entries in category)
- Flavor of entry
- Overall appearance of entry

*(Judges reserve the right to determine how to best judge the entries)*

**Rules for Mead Judging Contest:**
- Supply at least two bottles of Mead
- Mead will be judged on the rules of the State Fair
- Mead will be judged on alcohol strength, sweetness, carbonation, temperature, taste, and presentation
- Your name needs to be written on paper provided in the contest room

**Categories to be submitted will include:**
1. Traditional Meads
2. Molemel (Fruit Meads)
3. Metheglyn (Spiced Meads)

*Bring extra bottles of Mead to share at the “Wine and Cheese” party by the pool Friday night.*

**Rules for Hive Body Paint Design Contest:**
- Two categories:
  - adult (16 years of age or older)
  - youth (15 years of age or younger)
- Your name needs to be on written on paper provided in the contest room
- The use of stenciling not allowed
- Hand painted design to cover a minimum of one side of the hive body

**Categories to be submitted will include:**
1. Theme of your choice

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**Honey Fest at the Indian Creek Nature Center**

*Left: 2014 Iowa Honey Princess Jeralyn Westercamp and Bob Wolff of the Indian Creek Nature Center. Right: Jeralyn attended the center’s Honey Fest that was held September 21st.*

*Top: Jeralyn with a nice honey display. Bottom: This display explains the important role honeybees play. Right: Jeralyn holds the declaration issued by the governor declaring September to be Honey Month in Iowa.*

Annual Honey Fest a buzzing success at Indian Creek Nature Center Beekeepers, families, adults and children alike gathered for Indian Creek Nature Center’s Honey Fest on Sunday, September 21, for a fun array of educational demonstrations, games, vendors, and honey-filled goodies. This annual event teaches attendees about honey bees, how they make honey, and the process of extracting the honey.

This year, the Nature Center emphasized what the general public can do to help the honey bee population, such as avoiding pesticides and planting bright flowers that bloom throughout the summer. Honey Princess Jeralyn Westercamp was in attendance to visit with attendees and talk about the benefits of bees and beekeeping.
Greetings Beekeepers,

My most exciting beekeeping activity since my last article was extracting my honey. I have two hives, and they produced about 100 pounds of honey each. I bottled my honey and created my own label. I now sell it out of my dorm room to college students.

September 6th and 7th I worked at the Clay County Fair. I had a wonderful time with the Northwest Iowa Honey Producers and the community as a whole. While at the fair, I talked on several radio shows and had an interview for the news. In addition, an article was later written for the local paper about my attendance. One of my favorite parts about the fair was being on stage with an Elvis tribute singer. He even modified one of his songs to include my name!

I was back in my hometown on September 20th to help my boss feed bees. During the winter, some beekeepers ship their bees somewhere warm where they are paid for pollination, and other beekeepers choose to keep them in Iowa. Where I work, we keep the bees in their same locations all year. If you keep your bees in Iowa, it is important to prepare them for winter. Make sure their brood chamber is completely filled with food. Most likely their important job is to keep moisture out of the hive. It is extremely difficult for honeybees to keep their hives warm during the winter if moisture is increasing the rate of heat loss. Remember, honeybees do not hibernate during the winter; they stay clustered around the queen and clench and unclench their muscles repeatedly to produce warmth. Blocking moisture from entering their hive will make their lives easier. In addition, the black plastic collects the sun’s warmth, and the fiberglass filling preserves it. While covering hives, keep in mind honeybees will leave the hive once or twice throughout the winter to relieve themselves. It is considerate to leave a small hole uncovered for them to exit through. Thoroughly preparing your bees for the winter will decrease your winter loss.

On September 21st, I helped out at Honest Fest at the Indian Creek Nature Center in Cedar Rapids. One of my main jobs was to paint faces. Kids and adults alike loved having honeybees and flowers grace their faces. I also had the opportunity to try out some different extracting equipment such as a hot knife and a hand crank extractor. Since I work for a commercial beekeeper, it is not often I work with small equipment, and I enjoyed extracting honey the good old fashioned way.

I attended the Ames Farmers Market on October 4th with Dale from Fieldstone Farms. We spent a good portion of our time there goofing off with a little honeybee who stopped by for a visit. We even fed her honey off our fingers.

I’m looking forward to seeing all of you at the upcoming Annual Meeting! Happy Beekeeping!

Sincerely,
Gabrielle Hemesath
Buzz Quilts

The 2014 Buzz Quilts have been completed. If you worked at the Iowa State Fair, you might have noticed the Quilts as part of the Booth décor. With two quilts this year, the plan is to raffle one quilt and put one in the live auction at the Annual Meeting in Marshalltown on Friday, November 14th. Raffle tickets will be $5 each or 5 for $20 again this year. Buzz Quilt #1 will be auctioned on Friday night. The Raffle winner of Buzz Quilt #2 will be drawn at the close of the Annual Meeting on Saturday, November 15th.

Please contact Rhonda Heston 515-724-2124
Central Iowa Bee Supply
Cash and carry bee equipment supplier of woodenware, tools, suits, medications, and nutritional products from Dadant & Sons. Custom woodenware built by our own cabinetmaker, Don Charleston, is also available.

Owners: Susan Jones and George Jones

Our shop is located at
14535 NE 88th St., Maxwell, IA.
Phone numbers 515-387-8707 and 515-450-8296, or online at our website www.cibees.com Email us for your bee supplies at cibees8707@gmail.com

Open: Thurs. 5-8 p.m.,
Saturday 10 a.m-4 p.m., or call us.

We want to be your Central Iowa bee equipment supplier for your hives and all the supplies you need to get started in the wonderful world of honey bees!

Come check out our shop 7 miles northeast of Elkhart, or 5 miles southwest of Maxwell. When you need a Super immediately for honey production - we are the ones to call. When you need medication immediately - we are the ones to come to. Cash and Carry. No more waiting on FEDEX to show up in a week. You come and look at what you want and walk out with it. No more shipping cost to worry about. If we don't have it in stock, we will order it.