

Pack your bags

and fly out to

Sedalia for the

2011 Missouri State Fair!

#### Missouri State Beekeepers Association P.O. Box 448 Oak Grove, MO 64075

www.mostatebeekeepers.org

**June 2011** 

Eugene Makovec Editor

editor@mostatebeekeepers.org

#### It's State Fair time again!

Mark your calendar now for, It's A Show-Me Thing!,
August 11 to 21 in Sedalia. Prepare to be entertained by
the best show-offs in the state from livestock to competitive
exhibitors, and the amazing free professional entertainment
package. The 2011 Missouri State Fair will be the premier summer
event of the year you don't want to miss!

The fair will showcase the best of Missouri agriculture; competitions from bull riding to tractor pulls; professional entertainment from Lynyrd Skynyrd to Kenny Wayne Shepherd; rural lifestyle experiences; hands-on science, technology and innovation; family-

friendly amenities for everyone from infants to mature adults; and action-packed activities.

The Missouri State Fair is the perfect blend of activities for a memorable family outing. The midway carnival includes games and rides for children and thrill seekers of all ages. The nightlife on the fairgrounds kicks up each evening with free music on the Budweiser Stage and music stars performing on the stage of the Pepsi Grandstand.

Admission at the gate: \$8; age 60+, \$6; ages 6-12, \$2; 5 and under free. Tickets can be purchased in advance for a discount. See <a href="https://www.mostatefair.com">www.mostatefair.com</a> for schedules and details.



## SEDALIA SAUG 11-21

#### Submitting products for sale at our booth:

As always, the MSBA will host its Honey Booth to promote honey and beekeeping. Missouri beekeepers will again have an opportunity to supply honey and related products for sale at the booth. Anyone interested is asked to submit bids by June 22 to: Ron Vivian, Treasurer, Missouri State Beekeepers Association, PO Box 448, Oak Grove, MO 64075. A bid sheet is printed on page 9 of this newsletter.

#### **Entering your products in competition:**

Beekeepers can also enter the fruits of their labor in competition. Categories include everything from extracted and comb honey to beeswax and even observation hives. For a list of categories, visit <a href="http://www.mostatefair.com/premium-guide/Premium-Guide.php">http://www.mostatefair.com/premium-guide/Premium-Guide.php</a>. Click on "Agriculture, Fine Arts & Economics", then download the "Agriculture Entry Blank", as well as the "Agriculture Rules & Classes" PDF, with "Bee Culture" on page 2. Be sure to supply your Social Security number on the entry form in order to be paid for any winnings.

#### The MSBA will also match prize money won by members in these individual competitions.

In addition to individual entries, local clubs will again compete against each other. Last year's club winner was Eastern MO Beekeepers, while Midwestern member Jim Fisher took the Individual Grand Champion award.

#### **Booth workers needed**

As always, our Honey Booth cannot operate without the generous help of MSBA members. Dean Sanders, our Fair Chairman, is recruiting volunteers now. It's a great excuse to spend a couple of days in Sedalia taking in all that this wonderful state has to offer.

Last year, in addition to individual volunteers, several local associations sent groups to Sedalia to help out. We would like to see that kind of effort again this year; in fact, our success depends on it. The Fair is one of our most important opportunities to let the public know we're here to educate and promote beekeeping and all the wonderful products and services honeybees and their keepers provide. Weather permitting, it can also be an important fundraiser for our group.

Please call Dean at 816-456-4683 to volunteer your time.

# Eugene Makovec

#### **INSIDE THIS ISSUE**

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#### From the President

#### by Grant Gillard

I've been swamped....literally and figuratively.

In Southeast Missouri, it's been nothing but rain, rain and rain. Then we've had mud, flooding and tornadoes. Now, everything is swarming. My bees are grumpy and irritable. I'm grumpy and irritable.

In the early part of the spring, most of my yards were simply too wet to get into, even with a four-wheel drive vehicle and monster mud tires. I missed the opportunity to give my bees a little I:I stimulative feeding. Then it was too muddy to reverse my boxes, though technically, I'm a big fan of the Demaree manipulations.

So my hives went unattended. And I continually preach there is no room for procrastination in beekeeping. But what could I do?

Then the tornadoes and straight-line winds came toppling the hives in my bee yards, mostly in Scott County. Every day a new storm. Every day another phone call from one of my nervous landlords that my hives blew over. Every day another trip down south, shoe-horned into an already busy schedule. Every day another hike from the road to the fence-row on the opposite side of the field to deal with another yard of highly enraged bees.

Easter was late this year, scheduled about as late as it could possibly be scheduled. Then there were those five funerals I had to do in April with the time spent with families in the hospital that preceded those deaths. I lost one yard with seven hives to the flooding. But there were more important things to take care of and the families who needed my time and energy.

And there was a wedding in there, too. My daughter

graduated from Truman State in Kirksville and next week I have a trip to Colorado planned. There's been a lot on my plate this spring.

I've survived worse storms, but what I learned from this spring is that hives heavy with brood and stores can withstand a lot of wind. Hives with substance survive the storms. Unfortunately, my hives



were light, though populations appeared to be above average.

As I'm running around, it dawned on me that people of character and integrity can withstand a lot of turmoil in their lives as well. Lives with substance survive the storms.

I draw a large measure of hope knowing the bees are remarkably resilient. I've witnessed several colonies in bee trees that blew down in the storms, surviving that sudden jolt when the tree hit the ground, then reorienting the design of the hive as their home now lay in a new position at a new angle. I need a little of that resiliency as my beekeeping life seems to lay at a new angle.

So I'm a little nervous this spring. I keep thinking warm weather is going to show up one of these days (please tell me it will). I have a large construction project that sits half-finished, a hole in the ground waiting for the rain to stop. I'm still optimistically looking forward to another good year.

As I near an opportunity for early retirement, I often ponder what I could accomplish if I did nothing but beekeeping. This year I'm grateful I've still got my day job. I hope your spring is going better than mine.

All the best,

Grant





#### **Honey Bee Winter Loss Survey**

Preliminary Results: Honey Bee Colony Losses in the U.S., Winter 2010-2011.

April 27, 2011

Dennis vanEngelsdorp I, Jerry Hayes2, Dewey Caron3, James Wilkes4, Robyn Rose5, and Jeff Pettis6.

Note: This is a preliminary analysis, and a more detailed final report is being prepared for publication at a later date.

The Apiary Inspectors of America (AIA) and the United States Department of Agriculture (USDA) conducted an online survey to estimate honey bee colony losses for the 2010/2011 winter season. A total of 5,572 U.S. beekeepers, or 20%(a) of the estimated number of beekeepers in the country, responded. Collectively these beekeepers managed over 15%(b) of the country's estimated 2.68 million colonies.

Preliminary survey results indicate that 30% of managed honey bee colonies in the United States were lost during the 2010/2011 winter. The percentage of losses has remained relatively steady (near or above 30%) over the last 5 years. Specifically, previous survey results indicated 34% of the total colony loss in the winters of 2009/2010; 29% in 2008/2009; 36% in 2007/2008; and 32% in 2006/2007.

If we consider colony losses within individual beekeepers' operations, then responding U.S. beekeepers lost an average of 38.4% of their operation. This is a 3.8 point or 9.0% decrease in the average operational loss experienced by U.S. beekeepers during the winter of 2009/2010. Beekeepers reported that, on average, they felt losses of 13% would be acceptable. Sixty-one

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percent of responding beekeepers reported having losses greater than this.

Colony Collapse Disorder (CCD) is a phenomenon in which an entire colony of bees disappears abruptly from its hive. Of beekeepers surveyed who reported losing some colonies, 31% lost at least some of their colonies without the presence of dead bees. We cannot confirm that these colonies had CCD, but respondents to this question reported higher average colony losses (61%)than those respondents who lost colonies but did not report the

absence of dead bees (34%).

THE MAGAZINE OF AMERICAN BEEKEEPING Here's what you'll get Honey bees
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 Beekeepers Honey • Propolis • Bee Equipment • · Beeswax · Current Research · · Beginning Beekeeping How-To · Sideline Beekeeping . New Products · Honey Recipes · Book Reviews · · Market Reports · More · More · More · More! Skip the secretary · Call Today Tell Us What Club You're In -Get The Discount GET YOUR BEE CLUB DISCOUNT \$21/1 year \$38/2 years Send check to: Bee Culture Magazine 623 W. Liberty St., Medina, OH 44256 or call 800-289-7668, Ext. 3220

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It is important to note that this survey only reports on losses that occur during the winter and does not capture the colony losses that occur throughout the summer as queens or entire colonies fail and need to be replaced. Preliminary data from other survey efforts suggest that these "summer losses" can also be significant. Beekeepers can replace colonies lost in the summer and winter by splitting the populations of surviving colonies to establish a new hive. This process is expensive, so replacing 30% of the nation's colonies annually is not considered sustainable over the long-term.

a Based on 2007 Ag census

b Based on NASS 2010 figures

- Dennis van Engelsdorp, The Pennsylvania State University/ Apiary Inspectors of America (AIA), Past-President dennis. vanengelsdorp@gmail.com 717-884-2147
- Jerry Hayes, Florida Department of Agriculture, AIA Past President, hayesg@doacs.state.fl.us 352 372-3505
- Dewey Caron, Oregon State Univ., carond@hort. oregonstate.edu 302 353-9914
- James T. Wilkes, Appalachian State University, wilkesjt@ appstate.edu, 828-262-2370
- Robyn Rose, USDA APHIS Plant Protection and Quarantine, Riverdale, MD, robyn.i.rose@aphis.usda.gov, 301-734-7121.
- Jeff Pettis USDA-ARS Bee Research Laboratory, Beltsville, MD, jeff.pettis@ars.usda.gov, 301 504-8205

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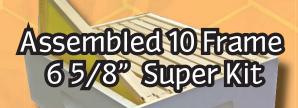
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#### Fall 2011 Lake of the Ozarks Conference Registration Form

List all attendees names as you want printed on the name tags, include any pertinent information such as; Beekeeper of the Year (list year), name of honey business, Master Beekeeper, Past President, etc. ADDRESS: STATE: ZIP+4: LOCAL CLUB:\_ CITY: \_\_\_ PHONE: \_\_\_E-MAIL: \_\_\_ REGISTRATION MEMBER \$30 X \_\_\_\_= MEMBER FAMILY (must have paid 2011 dues as a family) \_\_\_\_= \$40 X NON-MEMBER \$35 X \_\_\_= \_\_\_ **EARLY BIRD REGISTRATION** (Prior to October 21) **MEMBER** \$25 X \_\_\_\_\_ = \_\_\_\_ MEMBER FAMILY (must have paid 2011 dues as a family) \$35.00 \_\_ = \_\_\_ NON-MEMBER \$30 X \_\_\_ \_\_\_\_=\_\_ WINE TASTING SOCIAL - Thursday Free X \_\_\_\_\_ = Free PAID REGISTRANT NOT A PAID REGISTRANT \$5.00 X \_\_\_\_ = \_\_\_ FRIDAY LUNCH \$14.00 X \_\_\_\_\_ = \_\_\_ Baked Potato, Salad, Cookie & Brownie Bar \$ 7.00 X \_\_\_\_\_ = \_\_\_\_ Children FRIDAY NIGHT QUEEN BANQUET \$23.00 X \_\_\_\_ = \_\_\_\_ Roasted Pork Loin Buffet \$11.50 X \_\_\_\_\_ = \_\_\_ Children SATURDAY BREAKFAST BUFFET \$10.75 X\_\_\_\_= Children \$5.00 X\_\_\_\_= SATURDAY LUNCH \$16.50 X \_\_\_\_\_ = \_\_\_\_ Country Club Cookout Buffet - Hamburgers & Hot Dogs \$ 8.25 X \_\_\_\_\_= Children MSBA – 2012 MEMBERSHIP Individual Renewal New \$15.00 Family Renewal New \$20.00 **Queen Fund Donation Meeting Fund Donation** TOTAL:

Please make checks payable to: Missouri State Beekeepers Assn. Send to: Cathy Hogan, PO Box 281, Boss, MO 65440-0281, 573-626-4493. If you pre-register and then cannot attend, your registration fee will be considered a donation and no refund will be made. If you pay for meals and we are able to sell them, you will be refunded for those. Please note – no receipts will be sent. Checks will be deposited after the meeting.



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#### Missouri State Beekeepers Association



#### Lake of the Ozarks, October 28 & 29, 2011

(with special events October 27)



www.countryclubhotel.com

Why is it good to attend the semi-annual MSBA meetings? People at our meetings are going to be interested in beekeeping and our environment. You can make invaluable connections with such soulmates, and friendships which can last for decades. We used to call this "making the connection". We now tend to call it "networking". Either way, it is heartening to know that others are interested in the same things you are, so take the time to meet new people and enlarge your circle of beekeeping connections.

We will gather at Lake Ozark and our host hotel will be the Country Club Hotel & Spa, 301 Carol Road, Lake Ozark MO 65049, 800-964-6698. We have negotiated some very good rates; to receive

this discount, you must make your reservation by October 6, and identify yourself as a Missouri Beekeeper.

Deluxe Guest Room - \$84 + tax

Jr. Suite - \$84 + tax

Two Bedroom (two baths) Condominium Villa - \$140 + tax

Three Bedroom (two baths) 1560 sq. ft. Condominium Villa -\$150 + tax

Our special guest speakers are:

Dr. Marla Spivak, Distinguished McKnight Professor, Department of Entomology, Univ. of Minn. Marla's interest in bees began when she worked for a commercial beekeeper from New Mexico in 1975. She later completed her B.A. in Biology from Humboldt State University in northern California, and her PhD from the University of Kansas, under Dr. Orley "Chip" Taylor, in 1989. She spent two years in Costa Rica conducting her thesis research on the identification and ecology of Africanized and European honey bees. From 1989-1992 she did postdoctoral research at the Center for Insect Science at the University of Arizona. She began as Assistant Professor at the University of Minnesota in 1993. Influenced by Martha Gilliam and Steve Taber from the USDA Bee lab in Tucson, she became interested in hygienic behavior of honey bees. This interest has expanded into studies of "social immunity", including the benefits of propolis to the immune system of honey bees.

Ed Levi. Having started keeping bees in France in the early 1970's, Ed is now the State Bee Inspector for Arkansas, and has been Secretary of the Apiary Inspectors of America for many years. He is a Master Beekeeper, certified through the EAS program. Ed keeps bees, produces honey and raises queens. He is a highly sought-after speaker, having traveled the world conducting beekeeping extension initiatives in third world countries. He is knowledgeable about beekeeping and promotes the use of IPM methods and minimizing the use of chemicals. Ed also does a lot of consulting in developing countries throughout Asia, Eastern Europe and Africa.

C. Marina Marchese is founder and owner of Red Bee Honey; she sells honey and natural products to gourmet food shops and fine restaurants all over the United States. Certified by the American Apitherapy Society, she has trained as a honey judge at the University of Georgia and serves on the board of Back Yard Beekeepers Association of Connecticut. Marina has written for Bee Culture magazine and the Journal of the American Apitherapy Society, and Red Bee Honey was the cover



Ed Levi

story of the American Bee Journal in 2004. Marina lives and tends bees in Weston, Connecticut. Book signing.

Michael Arduser, Natural History Biologist, Missouri Department of Conservation Bob Finck – Making Mead

- Started beekeeping in 1980, currently maintains around 125 hives
- Markets honey and beeswax, numerous State Fair Blue Ribbon awards for honey and wax last 25 years
- Spent 42 years working as a Food Chemist for Allen Foods (25), Arcobasso Foods (6) and Pevely Dairy (11). Retired May, 2010, can now enjoy beekeeping at its fullest "every day", twenty-four-seven. Enjoys mentoring new beekeepers and "talking bees and honey"
- Started making mead 2000
- Served two 5 year terms as president of Eastern MO Beekeepers Assn., and served in other board positions most of his 30 year membership.



C. Marina Marchese



#### Fall Meeting preview (continued)

Steve Moeller – Managing Bees in Single Brood Chambers; Fall, Winter, Spring, Summer - He began keeping bees in 1974 while living near Odessa. Shortly thereafter Steve joined the MSBA and in 1983 became a member of the Midwestern Beekeepers in the KC area where he is still a member. Today he lives just outside Columbia, is a member of the Boone Regional Beekeepers and is currently serving as secretary of the MSBA.

Art & Vera Gelder - Lunch and Tour of Their Bee Operation and Agri Tourism Farm in Columbia

Fred Meder - How to Build a Better Mouse Trap (Catching Swarms) - Fred is a 48 year old beekeeper from Troy, MO., was born in St. Louis, MO, but grew up in Farmington, MO until he moved to Arizona. He joined the U.S. Army and served for 12 years on Active



Art and Vera Gelder discuss farmers' markets at the 2011 Spring Meeting

Duty. In 1999 he was placed on Medical Retirement. Fred moved to Troy, MO in 2004. With the help and supervision of lan Brown, Fred began beekeeping in 2009 with one hive of Russian Bees. Fred now has around 65 hives. He has bees in Troy, Elsberry, and Montgomery City, Missouri. His favorite season is "Swarm Season".

#### Competitions:

**Cooking** (white yeast bread, candy [no fudge], chili, popcorn); **Needle work**; **Soap** 

#### Special events:

**Thursday** – Tour & Lunch at Walk About Acres, wine social with 7c's wine, movie "The Secret Life of Bees"

Friday – spouses card party, cooking contest, needlework contest, soap contest, chair massages, Honey Queen Reception

Saturday - ladies shopping

#### BEEKEEPING OF YESTERYEAR

#### A look back at the literature of the last century

#### Wild bee colonies likely not a haven for disease

Oakland Tribune

Monday, October 22, 1934, Oakland, California

Madison, Wisc. – Wild bees inhabiting bee trees do not serve as infection centers for bee diseases, says Wisconsin State Entomologist E.L. Chambers of the Department of Agriculture and Markets.

Records of the state entomologist's office show that of the hundreds of bee trees which have been cut down, not one has ever been found infected. This is not due to the fact that wild bees are healthier, but because there is little chance to spread infection.

Even though a swarm of wild bees did become infected, Mr. Chambers explains, when a tree is deserted, squirrels, chipmunks, mice and other rodents soon clean out all the old wax and honey that may remain. Almost every particle of wood that even smells of honey will be cleaned out by such rodents, and as a result, any new swarm taking possession of a tree must build entirely new wax foundations.

A further feature of the rodent clean-up is that the cleaning-up process goes on during the winter so that no domestic bees ever find the wax or honey.

Thanks to Joe Waggle's Historical Honeybee Articles, on the web at http://pets.groups.yahoo.com/group/HistoricalHoneybeeArticles/



Wild bee trees like this one felled near Smithton, IL, are not likely to spread disease to managed hives.

photo by Eugene Makovec



#### Mining the Honey Bee Genome

May 10, 2011, Cold Spring Harbor Laboratory, One Bungtown Road, Cold Spring Harbor, NY

From Nature.com Newsblog; posted by Gwyneth Dickey Zakaib

What does it mean for a community that focuses on one organism to have that organism's genome sequenced? Just ask researchers who gathered this week at the Honey Bee Genomics and Biology Meeting at the Cold Spring Harbor Laboratory on Long Island, New York. It's the first time such a conference has been held since the honey bee genome was sequenced, and over the course of the past three days it's become abundantly clear that this is a field transformed, greatly expanded and diversified from just four years ago.

"Before the genome... studying bees was kind of esoteric," says Harland Patch, a behavioral genomicist at Penn State University in University Park, Pennsylvania. "But since the genome, you have these genomic molecular tools, you have a lot of people coming into the field with new skill sets, new money, as well as very interesting problems."

Some of those problems could be crucial to the well being of honey bees and their all-important role as pollinators of food crops. They include factors related to Colony Collapse Disorder (CCD), a syndrome which began devastating Western honey bee (Apis mellifera) colonies in the US around the same time the genome was being sequenced. The urgency of the CCD crisis, along with the arrival of a new way to explore honey bee susceptibilities and genetic defenses, has brought a flood of new researchers into the field.

"We were stumbling along with less than 10 immune genes before the genome," says Jay Evans, a research entomologist at the US Department of Agriculture's Bee Research Laboratory in Beltsville, Maryland. "And then with the genome we had a hundred or more instantly."

Researchers have been able to identify new bee pathogens and start suggesting new ways to mitigate their threats, Evans adds. And scientists have begun to answer questions about variations in immune response and what types of pathogens trigger those responses.

"These were questions that were already there that weren't really being addressed because we didn't have the tools," Evans says.

Then there are those scientists, formerly from outside bee research, who study epigenetics – heritable changes in gene expression that don't involve changes to the underlying DNA. It turns out that unlike Drosophila melanogaster (the first insect genome to be sequenced) the honey bee is fully capable of tagging genes with methyl groups to change gene expression in the long term, a process known as methylation. Scientists used to think insects lacked this ability.

"Before, nobody realized that drosophila was the outlier," says Greg Hunt. After the honeybee, many other insect genomes have been sequenced and were also found to have methylation genes, he adds. "We're learning a lot more about insects in general, social insects in particular."

Others have started looking at the genes involved in producing the different bee types in a colony. Queens, nurses and foragers all have the same genome, but have vastly differing body characteristics and behaviors depending on their type. Researchers want to know which factors affect which genes and act to change regulation over a lifetime.

Still others have flocked to honey bee research to pick apart how social behavior evolved. By comparing bees with other social insects such as ants, as well as solitary insects, they can use comparative genomics to figure out if new genes arose or if old ones were co-opted to produce social behavior.

"For anyone interested in the evolution of complex traits, this is a nice system where we can do comparative work," says Christina Grozinger, an entomologist at Penn State.

But all this genomic information is also changing the necessary skill set of future scientists, says Olav Rueppell of the University of North Carolina at Greensboro.

"I am thrilled by the computational progress, and I'm a little bit daunted, too," he says. "I'm thinking about my students and how unprepared they are for doing projects that involve gigabytes of data and computational methods. I'm coming away with the feeling that we need to change our undergraduate curriculum to build in more math, more computers."

And even with a sequenced honey bee genome, there are many more questions that remain to be answered, starting with: What do all these genes do?

"After this hype of all the genome projects, we are now in need of people who know about physiology and behavior and we have to come back to the tedious task of figuring out what all these genes do," says Dorothea Eisenhardt, a junior professor at the Freie Universitat Berlin in Germany.

One thing the arrival of the honey bee genome has not done is hand bee researchers all the secrets of their favourite organism laid out in a convenient recipe book -- an often overused metaphor. Instead, says Patch, "the genome has opened up a huge vista that is seemingly unending."

This "Catch the Buzz" message brought to you by Bee Culture, the Magazine of American Beekeeping, published by A.I. Root Company.

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Missouri State Fair Bid Sheet

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		Honey Pot		150 pcs	Cut Comb
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		Novelty Items		5 cases	Niblet; Pint Jar
	2 cases	Hard Candy Assorted		5 cases	Chunk Honey; Size (Large Jar)
	20 pcs	1 lb		12 cases	12 oz Bear
	30 pcs	8 oz		9 cases	24 oz Bear
		Pollen		12 cases	1 lb Jar
		Describe:		8 cases	2 lb Jar
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	100 pcs	Hand Lotion Containing		60 singles	5 lb Jug
		Describe:		25 singles	Gallon
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June 2011



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#### Corpse flower makes stink at UMSL

May 17, 2011, Kylie Shafferkoetter, UMSL Newsroom

It's stinky. It's odd looking. And it only blooms once or twice a decade. The ever-interesting corpse flower showed off its elusive bloom at the University of Missouri–St. Louis this weekend. More than 300 people filed into a university greenhouse to see – and smell – the exotic plant during the 12-20 hours it was open.

It's been two years since a corpse flower last opened at UMSL, and eight long years before that. The plant, affectionately called "Archie," is a titan arum, whose scientific name is Amorphophallus titanium. Archie is actually not a flower at all, but an unbranched inflorescence – the largest in the world. A native of Sumatra, an island in western Indonesia, it is known for the pungent odor similar to rotting meat - that the "flower" gives off when it opens. The smell is designed to attract carrion beetles that pollinate the plants.

"This plant is unpredictable and fascinating. You never know when it will bloom," said Kathy Upton, research specialist and greenhouse manager at UMSL. "When it finally happens it's really exciting. It has so many interesting features — from its odd shape and stinky odor to its giant size and ability to heat itself up to above room temperature. You don't want to miss seeing

this incredible plant."

Upton added, "It was fun to watch Archie's flower progressively open wider throughout the day and into the evening. The odor really increased after the sun went down, and reminded me of cooked cabbage. I'm looking forward to watching our second flower, Betty, and to attempt to create an UMSL hybrid with pollen from Archie."

Upton has grown the plant for 16 years after receiving seeds from Jim Symon, a collector. Archie bloomed in 1998, the first such plant to bloom in the U.S. since 1939. Archie is the fourth plant to produce a flower from the original seed batch. His sister, Betty, is getting ready to bloom, so it's not too late to experience the corpse flower.

More information:

umsl.edu/~biology/titan\_arum



## Learn social media marketing via webinar from University of MO

The following comes to us from Debi Kelley, Extension Associate at the University of Missouri:

Join the Missouri Beginning Farmers Program's monthly webinars for the month of June. This month we will take a look at just how social media can boost your marketing plan and sales. Lane McConnell is an agriculture marketing consultant who grew up on a livestock farm in southwest Missouri. She has worked for the Brownfield Farm Radio Network and Missouri Department of Agriculture, where she specialized in the local foods industry. Lane runs Agri-Comm Services, a marketing business in Hollister, MO and works with the businesses on developing innovative marketing campaigns, including social media. She is also spear-heading "The Market Lady" specialty crop grant project in southern Missouri this summer.

In the first webinar Lane will introduce all the different arenas of social media (facebook, blogs, twitter, etc.). In the second and third webinars, Lane will present live demonstrations on the step-by-step process of these different social media outlets. If you've been thinking about social media or have been wondering how to increase the sales on your farm, join in for each of these webinars and get a jump start on marketing your farm and farm products.

Meeting Name: Social Media Marketing Introduction

When: Monday June 6, 7:00 - 8:30 pm Time Zone: Central Time (US and Canada)

To join the meeting:

http://univmissouri.adobeconnect.com/r59532978/

Meeting Name: Social Media Marketing Live Demonstrations Part I

When: Monday June 13, 7:00 - 8:30 pm Time Zone: Central Time (US and Canada)

To join the meeting:

http://univmissouri.adobeconnect.com/r44829575/

Meeting Name: Social Media Marketing Live Demonstrations Part 2

When: Monday June 20, 7:00 - 8:30 pm Time Zone: Central Time (US and Canada)

To join the meeting:

http://univmissouri.adobeconnect.com/r62273718/

## 2012 SPRING MEETING PREVIEW

March 9-10, 1212, with special events on March 8, Marriott, West St. Louis. Special speakers include:

Jerry Hayes (Florida)

Dr. Greg J. Hunt (Indiana)

David Burns (Illinois)

C. Marina Marchese (Connecticut).

Contests to be held: Cooking with honey (bread, [machine], brownies/blondes, jam/jelly), mead, beeswax art.





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#### Cookin' with Honey!

#### Cranlimmple Punch

(This recipe is featured in Lillian-Grace Misko's 2011 Honey Queen brochure, and is perfect for these hot summer months!)

#### Dissolve:

3/4 c raw Honey 1/4 - 1/3 c Lime Concentrate (Hot)

#### Add and mix:

64 oz bottle Cranberry Cocktail Juice 1 gal canned Pineapple Juice (pour half into ice-filled punch bowl)

#### Add:

2 qt Ginger Ale (need 2 x 2L bottles)

Dilute with Water and Ginger Ale to taste.

Hint: This punch can be made more festive by adding frozen berries or thinly sliced oranges.

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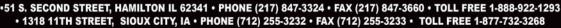


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#### June 2011



#### **Local Beekeepers Associations**

#### I Beekeepers Association of the Ozarks

4th Tuesday of each month, 7:00 p.m. The Library Center, 4653 S. Campbell, Springfield www.ozarksbeekeepers.org

#### 2 Boone Regional Beekeepers Association

3rd Sunday of month, 1:00 p.m., Columbia Insurance Group, 2102 Whitegate Dr. (back door), Columbia President Jim Duever 573-254-3373 http://beekeeper.missouri.org

#### 3 Busy Bee Club

4th Tuesday of each month, 7:00 p.m., Cedar County Health Center, Owens Mill Road, Stockton Neal Lee 417-276-3090 Neil Brunner 314-276-4252 grnthumb@alltel.net

#### 4 Eastern Missouri Beekeepers Association

2nd Wednesday of each month, 7:00 p.m., Powder Valley Nature Center 11715 Craigwold Rd., Kirkwood Bob Sears, President 314-479-9517 www.easternmobeekeepers.com

#### 5 Golden Valley Beekeepers

2nd Monday of each month, 7:00 p.m. (but varies) Henry County Courthouse, Clinton MO Contact Kathy Murphy 660-678-5171 murftk@copper.net

#### 6 Jackson Area Beekeepers

4th Tuesday of each month, 7:00 p.m. First Pres. of Jackson, 206 E. Washington Contact Grant Gillard 573-243-6568 gillard5@charter.net

#### 7 Jefferson County Beekeepers Association

2nd Tuesday of each month, 7:30 p.m., Hwy B & 21 lefferson County Extension Center, Hillsboro Contact Scott Moser 636-285-7295

#### 8 Joplin Area Beekeepers Association

Last Tue. of each month, 7 pm, SM Bank Community Building (7th and Duquesne Rd), Joplin 417-624-6831 Contact Gene Foley

#### 9 Mid Missouri Beekeepers

bee I 43@fidnet.com

3rd Sunday of each month, 2 pm, St. James Tourist Ctr. Contact Don Moore 573-265-8706

#### 10 Midwestern Beekeepers Association

Nov-March, 2nd Sunday of each month, 2:30 p.m. April-Oct, 2nd Thursday of each month, 7:00 p.m. (Schedule varies; please call first to confirm.) Bass Pro Shop, Independence, Conservation Room Andy Nowachek, President 913-438-5397

#### II Mississippi Valley Beekeepers Association

Last Tuesday of Month in Quincy, IL Contact Bernie Andrew 217-938-4975

#### 12 Missouri Valley Beekeepers Association

3rd Monday of each month, 7:00 p.m. Scenic Regional Library, Union Contact Rodney Angell

573-764-2922

#### 13 Parkland Beekeepers

3rd Tuesday of month, 7pm, Ozark Federal Savings & Loan President Bob Brenneke 573-518-1997 or 573-631-2782

#### 14 Pomme de Terre Beekeepers

2ndThursday of each month, 7 pm Missouri Extension Office, Hermitage Contact Bessi Shryer 417-745-2527

#### **I5 SEMO Honey Producers**

2nd Thursday of month, Poplar Bluff Extension Office Contact Ernie Wells 573-429-0222 wells.ernie@gmail.com

#### 16 South Central Missouri Beekeepers Association

1st Friday of month, Howell Electric Coop, West Plains Monty Wiens, President 417 257-3994

#### 17 Southern MO Beekeepers of Monett "MOBees")

3rd Tuesday of each month, 7:00 p.m. United Methodist Church, Hwy 37 NW of Monett Leon Riggs, President 417-235-5053

#### 18 Southwest Missouri Beekeepers Association

1st Tuesday of month, Neosho High School FFA Building Contact Glenn W. Smith 417-548-2255

#### 19 Three Rivers Beekeepers

3rd Monday of month, University of Missouri Extension, 260 Brown Road, St. Peters, Missouri, 7:00 p.m. For info: 2952 Greenleaf Drive, St. Charles, MO 63303 info@threeriversbeekepers.com

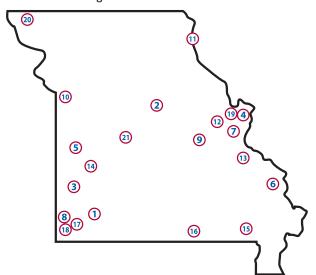
#### 20 Northwest Missouri Bee Busters

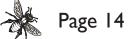
1st Monday of odd months, 7:00 p.m. 511 4th Street, Conception Junction, MO 64434 Gerald Auffert, President 660-944-2535

#### 21 Lake of the Ozarks Beekeepers

3rd Saturday of month, 1:00 p.m. UMC Extension Office, 100 E. Newton, Versailles MO Contact Russell Kasnick 573-372-3122

Can't find a local near you? Contact our President or Vice President for assistance starting a new one!





#### MSBA Membership Application

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	bscription Dept., P.O. Box 706, Medina, OH 44258  ly this form.* Prices subject to change without notice.



#### **Honey Queen report**

#### by Lillian-Grace Misko

Greetings all,

What a spectacular Spring season this has been! Proving to be a busy time for the beekeeper, keeping up with hive checks and feeding bees when need be. I do wonder how many of you have had the pleasure of catching swarms this year. I am getting quite excited to help my mom in her hives. She has decided to let me "mark" her queen bee. She has explained there are different ways and different tools that beekeepers will use to assist when "marking" the queen. Each year, there is a designated color set to the year to help beekeepers keep track of the age of their queens and when they were marked. This year's designated color is white. Personally, I am hoping to wait until the queen backs up into a cell to lay an egg, while her abdomen is in the cell and her thorax is visible, and mark her then. I will keep you posted on how that goes, wish me luck! In April, I had the privilege of appearing for the Knob Noster Girl Scouts. With 30 attendees present, I brought in an observation hive, beekeeper tools, and hive equipment. Partnering with my mother, we covered honey bees, pollinators, and their habitat. All of the girls enjoyed it thoroughly! They made little "bee" shaped badges to pin to their vests. They were so sweet to make me one as well!

I recently traveled to beautiful Granby, MO and presented to about 300 children in their school district. This was a time I will never forget. The children were so excited and eager to learn. There were kids from grades K-5. My 30-minute power point presentation covered who I am, what I do, and emphasized the honey bee, honey, and beekeeping. The children were really interested in learning about the different roles and biology of honey bees such as the worker, drone, and queen. The children also enjoyed watching a video of Beekeeper Gene working in his bee yard. One little girl asked if I was a real queen, and then asked if she could become a queen some day! I told her absolutely, some day she can apply to be the Missouri Honey Queen!

June will be an exciting and busy month. I will be appearing at the Kansas Fun Day, the final day of the Renaissance Festival, and at Powell Gardens. Late June I will be traveling abroad to Europe. I am excited to be going with a group of friends to serve a ministry in another country. And you got it; I will definitely be keeping my eye open for any European honey bees and products!

With care,

Lillian-Grace Misko, 2011 Honey Queen

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Associate Professor of Entomology: Richard Houseman HousemanR@missouri.edu 573-882-7181 I-87 Agricultural Building, University of Missouri-Columbia, Columbia MO 65211

## Missouri State Beekeepers Association P.O. Box 448 Oak Grove, MO 64075 www.mostatebeekeepers.org



This newsletter is published six times per year, in even months. Submissions are due by the 15th of the month prior to publication.

The email edition is in color, and contains hyperlinks and bonus back-page material, while the print version is in black-and-white. If you are a member currently receiving the printed newsletter and you wish to upgrade, just send an email to editor@mostatebeekeepers.org with "email newsletter" in the subject line. I'll reply with confirmation, and add you to my list.

Advertising rates are as follows:	Business card size	\$15.00	Half page	\$50.00
	Quarter page	\$35.00	Full page	\$100.00

**Classified Ads:** Advertise one to three beekeeping-related items in a one-line ad at no charge. This service is for non-commercial MSBA members only, and is limited to one ad per item per calendar year.

**Honey Trading Post:** This is a free service to members wishing to buy or sell honey on a wholesale basis. Just email or call the editor with contact information and whether you are buying or selling. Pricing is between the interested parties.