



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

[www.mostatebeekeepers.org](http://www.mostatebeekeepers.org)

June 2010

Eugene Makovec  
Editor

[editor@mostatebeekeepers.org](mailto:editor@mostatebeekeepers.org)

## Creating a bee pasture by Howard Thompson



Connie Knudtson

Over the last several years I have been working on developing bee pasture. There are several steps that have to be carried out to obtain a productive field: plant selection, soil preparation, planting and finally tending the plants.

The plant options are determined by your location (both physical and growing zone), soil type, farming practices and soil moisture/rainfall. These factors will make some plants more desirable than others, which will affect the taste of your honey. Remember, each plant's nectar departs a slightly different taste and color to the honey.

The best apple cider is made from a mixture of different apples, and honey is no different. Each plant has different nutritional value for bees and different bloom times. In order to have a nectar flow throughout the season, several plants need to be selected. Remember, just because particular seeds are planted, this will not prevent the bees from flying over your pasture to sample other flowers along the edges of the field, which will also affect the taste of the honey.

**It's Missouri State Fair time again!**  
Make plans now to attend the fair, and spend a day volunteering at our Honey Booth! See page 6 for details.

There are multiple references available that list plants that will be fancied by bees throughout the season. Not all of the plants that are listed in these references are or can be grown in quantities to have seed available for cultivation without breaking the bank. I have also learned that there are some plants that are only good for one season since they do not reseed themselves easily or are not perennials. I have found that buckwheat, purple tanzy (*Phacelia tanacetifolia*), borage, rapa and various legumes are relatively easy to grow with good results. For non-legume plants, the bloom order is: rapa (late March/early April), blueberries, purple tanzy and blackberries, with buckwheat and borage blooming from late June to frost. For the legumes I have planted, the bloom order is: crimson clover and hairy vetch (mid April), ladino clover (short white), yellow sweet clover,

*continued on page 4*



## INSIDE THIS ISSUE

<b>From the President .....</b>	<b>2</b>	<b>Cookin' with honey! .....</b>	<b>11</b>
<b>State Fair bid sheet .....</b>	<b>3</b>	<i>Honey Mojitos</i>	
<b>Mead makes a comeback ...</b>	<b>5</b>	<b>Local associations .....</b>	<b>11</b>
<b>Missouri State Fair .....</b>	<b>6</b>	<i>Find a club near you!</i>	
<b>ABF membership benefits ....</b>	<b>7</b>	<b>Membership application ..</b>	<b>12</b>
<b>Upcoming meetings .....</b>	<b>8</b>	<b>Honey Princess report .....</b>	<b>13</b>
<b>Beekeepers of the Year .....</b>	<b>9</b>	<b>Queen Chair report .....</b>	<b>13</b>
<i>A bio on Valerie and Jim Duever</i>		<b>Directory of officers .....</b>	<b>13</b>



## From the President

by Scott Moser

Spring has come on with a vengeance in the past few weeks it seems. After the winter that gripped the Midwest this year, spring is a relief. I know the bees are glad to be out and about, because they have really picked up their swarming activity.

I read in American Bee Journal that winter losses this year in this part of the country topped seventy percent in many locations. The losses were attributed to the long spell of cold weather that we had this year. The thought was that the bees were unable to take their much needed cleansing flights, and couldn't even break cluster to move to more honey stores. I heard many beekeepers say that their bees died within easy reach of the honey stores.

The information that I read said more beekeepers in the Midwest are thinking about wrapping colonies next winter in an effort to avoid a repeat of this past winter. I know my winter losses were very high, and felt bad thinking it was something I did, or didn't do, but later found out that more experienced beekeepers had higher than normal losses as well.

Due to the high winter losses, package bees and nucs were in very short supply this year. Many beekeepers were disappointed to find that nucs and packages were sold out early, and had to implement other plans in order to get the bees they needed. In fact, replacement queens were sometimes tough to find if you didn't think ahead and order early.

On top of all of this, many beekeepers had poor harvests last fall. To add insult to injury, honey supplies in the Midwest are extremely low. Some beekeepers have resorted to limiting the quantity of honey that they sell to an individual. Hopefully, we will all have a bumper honey crop this year to make up for it all. I think most of us need that this year especially.

On a positive note, I have been in contact with several people who are interested in beekeeping, and want to keep a few hives. I always feel that there is room for more beekeepers in Missouri. It gives me

a sense of satisfaction when I speak with someone wanting to get into beekeeping.

One thing that is sorely lacking is beekeeping mentors. Beekeeping is one of those things that is better learned through the help of someone more experienced. Those new to beekeeping seem to always feel overwhelmed, and unsure about what to do. They have usually read several publications, and expect it all to go as the books say, but end up frustrated and confused when the bees don't act like the books say they should. The best tidbit of advice I can give a new beekeeper is to use the books as a reference, not an owner's manual. You can leave the books out by the hives, but the bees never read them. The books are great as an overview, but you just have to get in there and work the bees. In beekeeping, there is a lot of on the job training.

At the next meeting, it will once again be time to nominate and elect officers for the MSBA. If you are interested, or know someone who is interested in serving on the MSBA Executive Board, please consider putting your name in for a position. It is always difficult to recruit people willing to serve on the Executive Board, but without a steady influx of interested people, the Board, and the MSBA itself, would cease to exist. In reality, it doesn't take much time or experience to serve as an Executive member of the MSBA. You don't have to be a longtime member, a big beekeeper, or even have had Executive Board experience to help out. All you need is a desire to work to make the MSBA even better.

Finally, I want to invite everyone to attend the Fall Meeting in October this year. The meeting will be held in Cape Girardeau, the first time we have held a meeting in that part of the state. Grant Gillard has done a wonderful job setting up the meeting, and should be commended for all his hard work. In addition, Pam Brown has been working hard setting up the spring and fall 2011 meetings. All of them promise to be wonderful meetings, and great destinations. I hope to see all of you there. Happy Beekeeping!



## Bee Culture

THE MAGAZINE OF AMERICAN BEEKEEPING

Here's what you'll get

- Honey bees • Beekeeping • 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  
with credit card

## DRAPER'S SUPER BEE

Specializing in:

Bee Pollen

Beekeeping Supplies

Containers

Observation Hives

Call for a free pollen sample & supply catalog

**(402) 274-3725**

## Missouri State Fair Bid Sheet

Submitted by \_\_\_\_\_ Phone \_\_\_\_\_

ITEM	QUANTITY NEEDED	YOUR PRICE EACH	ITEM	QUANTITY NEEDED	YOUR PRICE EACH
<b>Extracted Honey</b>			<b>Lip Balm Containing Honey/Beeswax</b>	100 pcs	
Gallon	25 singles		Describe:		
5 lb Jug	60 singles		<b>Hand Lotion Containing Honey/Beeswax</b>	100 pcs	
2 lb Jar	8 cases		Describe:		
1 lb Jar	12 cases		<b>Pollen</b>		
24 oz Bear	9 cases		8 oz	30 pcs	
12 oz Bear	12 cases		1 lb	20 pcs	
Chunk Honey; Size _____ (Large Jar)	5 cases		<b>Hard Candy Assorted</b>	2 cases	
Niblet; Pint Jar	5 cases		<b>Novelty Items</b>		
<b>Comb Honey</b>			Honey Dippers		
Cut Comb	150 pcs		Honey Pot		
Ross Rounds	50 pcs		Style _____		
<b>Creamed Honey</b>			Style _____		
Plain	175 singles		<b>Clothing</b>		
<b>Honey Sticks, assorted flavors</b>	1 case 1000		Describe:		
			Describe:		
<b>BEESWAX &amp; BYPRODUCTS</b>			Describe:		
<b>Candles</b>			Describe:		
Rolled			<b>Beekeeping Related Books</b>		
Dipped			Describe:		
Molded			Describe:		
Novelty			Describe:		
1 oz Molded Beeswax (approx wt.)	50 pcs		Describe:		
1 lb Beeswax Block	40 pcs		Describe:		
Soap containing honey and/or beeswax	100 pcs		Describe:		
Describe:			<b>COMMENTS:</b>		
Describe:					
Describe:					





## Creating a pasture for honeybees in Missouri

continued from page 1

white sweet clover, birdsfoot trefoil, and finally alfalfa in July to late August.

Legumes tend to give a light colored (golden or lighter) honey with a light, almost tasteless flavor. The non-legumes give different honeys. Rapa/canola is a good pollen source that starts blooming at the end of March and may bloom for 4-6 weeks. The honey is light colored but tends to crystallize very easily, which may make it better as a hive starter than as a honey crop. Blueberries bloom mid to late April. They give a medium dark honey that has a floral light taste.

Tanzy and borage are both plants the bees can't get enough of. Tanzy (white to light amber honey) blooms late May to mid June. Borage (medium dark honey with a floral taste) starts about the time the tanzy ends and continues to after frost. With neither tanzy nor borage have I been able to grow a whole field full of plants.

Blackberry honey is reported to be white with a floral fruit taste. The blackberries bloom mid May to early July.

Buckwheat is a flavor all unto itself. If seeded in early May, the field can be in bloom until the frost but it will be in cycles. The initial seeding will reseed itself so that a buckwheat field can go through 3-4 blooms between initial bloom and frost. The seed will survive winter and start up in the late spring. Appropriately mixing your plants can result in a unique honey while the bees have something to eat throughout the summer and into fall.

Now that you have decided which plants to seed, it is time to talk field preparation. The best option is a field that has been repeatedly cultivated so it is relatively free of grasses and has a pH of around 6.5. Unfortunately this is the exception rather than the rule. To take hard packed old pasture to the desired situation would take at least 3 years of turning over green manure 3 times a year.

The next option is to burn down the area either chemically or by fire, with the chemical treatment being more effective, and then waiting until the herbicide has done its damage and worn off. Both Select and Poast will selectively kill grasses and leave broadleaf plants alone.

The third option to get out a lawnmower and set it very short so that once it cuts you can see dirt. The fourth option can be used in conjunction with the third option or by itself. This requires a tiller, disc or aerator to be run over the desired planting area, but only to a depth of 1-2 inches. The goal is only to create some open soil, not to completely turn over the field. You don't want to make a second pass after seeding, since there is a very good chance the seeds will be buried too deeply to germinate. The seed needs to be covered only to a soil depth of 2-3 times its diameter.

The final preparation technique is actually no preparation other than to cut the grass to a normal to short level in the fall for spring seeding. Obviously, each of these techniques is likely going to give a different success rate. I have tried them all with respectable results

when combined with selective cutting and follow-up spraying to help control competition from the grasses.

For planting, drilling the seeds is most effective and requires about 1/4 the seed per acre. Drilling is even effective in sod-covered fields or fields that have plant debris. Unfortunately most of us do not have a field large enough to justify a drill or don't have access to one.

This leaves broadcasting seed. The legumes, tanzy and rapa are all the small size seed so the setting can be the same. Other than the crimson clover, they all can be broadcast in March and April, or in late July to August when the plant normally goes to seed. The tanzy does prefer the warmer soil.

Borage, buckwheat and hairy vetch seeds are the size of a peppercorn. I have used hairy vetch, rapa and buckwheat for a fall cover crop. Buckwheat is killed by the frost. The others will winter-over to minimize erosion and set up an early crop the following year. Both borage and buckwheat prefer warmer soils, which means early May. Hairy vetch has the same planting times as the other legumes.

I am assuming that most of us will be broadcasting seed. The more debris on the surface, the more seeds will be needed to get an acceptable crop. This can be done all at once. It can also be done by multiple applications, since the legume can be applied to the field from late winter to early spring, which takes advantage of the different weather conditions. Also, seeding at several times may make up for some of the seeds becoming feed.

Once germinated, if the seeds were planted in grasses it will take time for the new plants to be noticed. Grass can also shade out the young plants. This means keeping that area cut short until you start seeing the plants. As the desired plants start competing with the grass, the cutting height is changed to cut the grass and allow the bee pasture plants to shade out the grass.

For those individuals who have to worry about city ordinances about

grass height, the short white clover and birdsfoot trefoil will work into that situation. If one wants to carry the concept of controlling competition to an extreme, a spraying of Poast or Select once or twice a year will kill the grasses during the season. Finally, after there has been a hard freeze (around early November) the legumes will wilt flat to the ground. Now is the time for the final cut of the year, as short as possible. This will set up the legume for the next season.

Delaplane, K. *Bee Conservation in the Southeast*, UGA Honey Bee program. [www.ent.edu/bees/bee\\_pubs/conservation/bee\\_consevation.htm](http://www.ent.edu/bees/bee_pubs/conservation/bee_consevation.htm)

Delaplane. *Plants for Year-Round Bee Forage*, UGA Honey Bee Program-Pollination [www.ent.edu/bees/pollination/plants\\_forage.htm](http://www.ent.edu/bees/pollination/plants_forage.htm)

Nabor, R. *Seasonal Apiary Management for Missouri*, Univ Mo Exten <http://extension.missouri.edu/publications/DisplayPub.aspx?P=G7601>

Lovell, J.h. *Honey Plants of North America*, A.I. Root, first published in 1929 (black and white)

Pellett, F.C. *American Honey Plants*, Am Bee J 1930 (black & white)

PLANT	RATE @Broadcast	PLANTING SEASON
Hairy vetch	20-25#/A	Feb-Apr and late summer
Birdsfoot trefoil	5-8#/A	Feb-Apr + late summer
Ladino clover	1-3#/A (drilled)	Feb-Apr + later summer
Alfalfa	15-20#/A	Spring + late summer
Sweet clover	10-15#/A	Jan-Apr + late summer
Crimson clover	10-15#/A	August + Oct
Rape	5-8#/A (drilled)	Feb-Apr + later summer
Buckwheat	36-72#/A	May



## Mead: It's not just for Vikings anymore

by Peter Smith <http://www.good.is/community/peterandreysmith>

May 12, 2009

Colony Collapse Disorder has spurred a new interest in bees. With backyard apiculture catching on, so is a storied form of liquid gold: honey wine.

Of the 20,000 bee species that have been identified, beekeepers in Europe and North America keep only one (*Apis mellifera*). In recent years, some beekeepers have seen a mysterious 70 percent decline in their bee populations. Because bees pollinate fruits and flowers, making them indispensable for sustainable and profitable agriculture, the death of western honeybees -- known as Colony Collapse Disorder -- has led to a prolonged hand wringing.

Some say the scale of the collapse has been overstated. A study in the May issue of *Current Biology*, for example, reports a global rise in domesticated bee populations. Don't get too hopeful, though. Combined with native bee losses, the increase in managed honeybees might not be enough to keep pace with the growing number of food crops requiring pollinators. The disappearance of bees has been called a "looming pollination crisis". And a "coming agricultural crisis" and a "crisis on top of a crisis".

The beepocalypse has also brought some awareness to bee-related news, from beejacking to honey laundering. The collapse has also contributed to an already budding interest in backyard beekeeping. Home mead-making might be next.

Mead is a fermented, alcoholic honey wine. (It's not officially a wine, though; federal regulators call mead an "agricultural product".) Some compare the taste of bad meads to urine or petrol. To me, the better meads often resemble Pinot grigio with a sweet honey flavor and an aftertaste that's slightly medicinal, like aspirin.

Because late season goldenrod honey tastes different from an early season blueberry honey, a particular mead's characteristics are tied to where and when it was produced -- like wine, it has terroir. And unlike beer (which, unless you live in the Pacific Northwest, tends to involve a lot of imported hops), mead can be made anywhere there's honey. Anywhere. One city beekeeper I talked with said hawthorns, crab apples and other flowering trees planted in cities tended to give urban bees plenty of pollen to forage.

In regions where wine grapes don't grow well, mead is one of the few alcoholic drinks that can be made with terroir. Tilar Mazzeo, a wine scholar and author of *The Widow Clicquot*, told me that mead may have been the only wine Europeans made in Maine -- at least at the time the Vikings arrived.

But it's mostly this association with the Vikings that's defined mead so far -- and limited its appeal. Bees show up in cave paintings, Virgil's *Georgics*, and as potent symbols of industry and thrift in American literature, but much of the contemporary writing about mead tends to start and stop with medievalists, the rowdy Norseman Beowulf, or Lord of the Rings-style swilling of hogsheads. It doesn't help that the authoritative how-to book on the subject has the words "compleat meadmaker" in the title.

As Nicholas Day put it in an article on Slate, "Currency with the Society for Creative Anachronism is not exactly a signifier of great commercial promise."

Still, the Scandinavian and medieval associations belie its wider cultural significance. Ethiopian restaurants often serve tej, a honey wine made with the gesho plant. Slow Food has recognized Polish meads. Dogfish Head brewery added honey to an Egyptian-style ale. Two East Coast kombucha makers recently turned to mead and, where I live, a couple of young guys have started brewing up dry meads. An estimated 70 meaderies exist in the United States. Not all of them make mead worth drinking. (The Mazer Cup lists a few that are.) Nor do all of them harp on the drink's storied past, further relegating mead to the realm of mere historical novelty.

For those who do want a taste of ancient Rome, one final note. Pliny the Elder has a recipe for hydromel, a weak mead made of three parts water to one part honey, which should be left outside for 40 days after the rising of the Dog Star (according to Bee Wilson). Hydromel caused drunkenness. It was also said to cure small-mindedness. So if you raise a glass of honey wine, think of Pliny's recipe, the combination of chain mail and the beekeeper's veil, and mead's cloyingly sweet taste of place. After all, bees just might need the attention.

### *Femme Osage Apiary*

1407 Sneak Road  
Foristell, MO 63348-2102  
636-398-5014  
[femmeosage1@aol.com](mailto:femmeosage1@aol.com)

Dadant Clear Plastic Uncapping Tub w/lid,  
1 year old, catalog price \$99.95, our price  
\$75

Pierce Electric Uncapping Knife, new,  
regular price \$89.95, our price \$80

Dadant Ranger Electric Power Extractor  
w/stand, used 1 year, holds 6 – 6 1/4 or  
shallow frames radially or 3 – 9 1/8 deeps  
tangentially. 18" x 24". Catalog price  
w/stand \$784 our price \$625

Plastic Hand Powered Extractor holds 2  
frames tangentially \$65

Femme Osage Bottling Kit, 2 - 5 gal.  
buckets w/honey gate & strainer \$32

Dadant Bottling Bucket Kit, new, 1 – 5 gal.  
bucket w/plastic filter \$25



## It's State Fair time: Volunteers again needed to staff Honey Booth

The 2010 Missouri State Fair will be held August 12-22 in Sedalia. With the theme "Growing Great Memories", the fair will again showcase the best of Missouri agriculture; competitions; professional entertainment from Sheryl Crow to the Gatlin Brothers; rural lifestyle experiences; hands-on science, technology and innovation; family-friendly amenities for 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, younger than 6, free. Tickets can be purchased in advance for a discount. See [www.mostatefair.com](http://www.mostatefair.com) for schedules and details.

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

As always, the MSBA will host its Honey Booth to promote honey and beekeeping to the public. 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 18 to: Ron Vivian, Treasurer, Missouri State Beekeepers Association, PO Box 448, Oak Grove, MO 64075. A bid sheet is printed on page 3 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 <http://www.mostatefair.com/Premium-Guide.php>. 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 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 Lowell Hutchison 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.



[www.7cswinery.com](http://www.7cswinery.com)  
[dwight@7cswinery.com](mailto:dwight@7cswinery.com)  
417-788-2263  
502 E 560th Road  
Walnut Grove MO 65770

**Live Music Sunday Afternoons  
May thru September  
Check Website For Mead Availability**



**We Want to Buy  
Varietal Honey  
2-3 Buckets or more  
Per Variety**

## Heartland Honey and Beekeeping Supplies

19201 South Clare Road  
Spring Hill, KS 66061  
913-856-8356

[www.heartlandhoney.com](http://www.heartlandhoney.com)





## American Beekeeping Federation membership pays rewards

by Tim Tucker, ABF Membership Committee

The American Beekeeping Federation is working harder than ever to make sure that anyone associated with the beekeeping industry will benefit from their participation as members. The leadership of the ABF is dedicated to building a strong framework for success for those making the choice to take part and grow in their beekeeping experience.

The North American Beekeeping Conference next year will be held January 4 - 8, 2011 in Galveston, Texas, and will bring together members of our beekeeping community in North America with involvement of major industry groups -- the American Honey Producers, the American Association of Professional Apiculturists, the Apiary Inspectors of America and the 1000-plus members of the ABF. The opportunity for personal enrichment and education will be unparalleled in our history. This will be an event that all serious beekeepers should plan to attend. It's very possible that this conference will bring together more beekeepers than any other single beekeeping event in North America.

As part of our "Membership Pays" promotion, new members receive a packet that includes special discount coupons from our vendor members including: Mann Lake, Dadant & Sons, Walter T. Kelley, Glorybee Foods, Deb's Bee Supply, Ellingson's Bee Pro,

and Bee-Z-Smokers. With the use of these valuable discount coupons it is possible to earn dividends from membership that more than pay the price to join.

In addition, there's a new member CD included which contains over 12 hours of recordings from the recent Orlando convention in January 2010. There are also several articles from Larry Connor on queen rearing, newsletters from the ABF and state associations, booklets on bee culture, and Honey Recipes from the American Honey Institute. Also included are PDF files of beekeeping brochures from the University of Tennessee by John Skinner, and MAAREC publications on bee biology, Africanized honey bees, bee diseases and pests and much, much more.

During 2010 the ABF will be developing a Master Beekeeping Program that will go beyond the educational experience of present programs extending the educational opportunities that we provide today. It is the purpose of our members to be the mentors to the industry and the place to go for information resources.

Our website at [abfnet.org](http://abfnet.org) is a great place to start your search for all your needs as a beekeeper today.

So join in and claim your rewards. It only takes a few minutes at [abfnet.org](http://abfnet.org) to secure a bright future for yourself in this wonderful and rewarding industry.

### AIHHH, IT'S FINALLY SPRING!

*Are you ready to split your hives?*

If you're splitting you may want to have the following:

- Nuc boxes
- Queen mating boxes
- Cell bar frames
- Grafting tools/Cups and Protectors
- Extra Woodenware and Foundation
- Feeders and Feed
- Cloak boards
- Double screens/Cypress
- Queen Excluders/Plastic, Metal and Wood



### WALTER T. KELLEY CO.

807 W. Main St.

Clarkson, KY. 42726

800-233-2899

From Main Street to Your Street,  
We bring you the finest beekeeping  
products available anywhere.

Kelley's, a name you've come to  
trust for 86 years



[www.kelleybees.com](http://www.kelleybees.com)



6800 North Kircher Road  
Columbia MO. 65202-7652  
573-474-8837  
fax 573-474-5830  
walkaboutacres@agristar.net  
www.walk-aboutacres.net

## Your local dealer for beekeeping supplies

We generally have all of the basic  
supplies in stock.

*Make your visit a family outing! We  
have a "walk-about" farm,  
greenhouses and honey ice cream.*

### Sharon Gibbons has for sale:

- **Honey Supers** with drawn comb: \$20 each Illinois, \$15 each shallow.
- Dadant **Bottling Tank** 45 gallon - stainless, double water jacket - \$1200.
- 30 cases 190 ml **Hex Jar** with gold lids - \$9 per case
- **Barrels** and five-gallon **buckets**
- Round **Section Supers** with frames - \$20 each
- 1 Kelley **Grocers Tank**, holds 15 gal. honey - \$200 with brass valve

Call :636-394-5395 or [sgibbons314@att.net](mailto:sgibbons314@att.net)

### THE HAWLEY HONEY COMPANY

220 North Elm Iola, KS 66749  
620-365-5956 (After 8 pm 620-365-7919)

White clover honey strained in 5-gallon buckets. We will pack it in your jars for an extra fee.

Bee Equipment - New and Used - Used Extractors

Corn syrup, sugar syrup and SUGAR

Bees -- Frames of brood

Call for prices.

Can deliver to Kansas City, Joplin or Butler, MO

## Upcoming meetings:

**MSBA Fall Meeting 2010:** Cape Girardeau, October 22-23 at the Plaza Convention Center. Featured speakers include David Burns of Long Lane Honey Bee Farms in Illinois ([www.honeybeesonline.com](http://www.honeybeesonline.com)), and Michael Palmer, past president of the Vermont Beekeepers Association. We'll have some other local/state people involved; anyone who has something they'd like to share should please contact Vice President Grant Gillard, whose contact information appears on page 13.

Adjacent hotels giving group rate/discounted rooms are the Holiday Inn Express (\$99.00): <http://www.hiexpress.com/capegirardeau> 573-334-4491 or 800-645-3379; and the Victorian Inn (\$79.00): <http://www.midamcorp.com/victorianinn/> 573-651-4486 or 800-331-0445. The group rates are available to those who register under "MO State Beekeepers".

**North American Beekeeping Conference:** This will be a joint convention between the American Honey Producers Association and the American Beekeeping Federation, in Galveston, Texas, at the San Luis Resort, January 4-8, 2011.

Contact AHPA Executive Secretary Jerry Brown at [brownhoneyfarms@hotmail.com](mailto:brownhoneyfarms@hotmail.com) if you have any questions. Go to [www.sanluisresort.com/media/docs/meetingfacility.pdf](http://www.sanluisresort.com/media/docs/meetingfacility.pdf) for Convention Center details.

Remember to make your reservations SOON as this conference is expected to fill up quickly.

**MSBA Spring Meeting 2011:** Branson, March 11-12 at the Lodge of the Ozarks. Featured speakers include Dennis vanEngelsdorp, University of PA, and apitherapy expert Reyah Carlson, ([www.reyasbeesness.com](http://www.reyasbeesness.com)).

### Your help is needed. Please volunteer!

HELP!!! LADIES or MEN -- At our March 2011 Meeting, we are going to start having some FUN competitions, one being Cooking With Honey. We need several volunteers to help with this project. Can we count on you? Please contact Pam Brown at 636-398-5014 or [program@mostatebeekeepers.org](mailto:program@mostatebeekeepers.org)



### Wanted to buy:

Looking to purchase extracted honey, by the bucket or by the drum. Also looking for comb honey. If you have some for sale, please contact Scott Moser (636) 575-5434.

*Need to buy or sell honey or related products? Contact the editor to post your needs here. Members only.*





## More on our 2009 Beekeepers of the Year: Valerie and Jim Duever

by Valerie Duever

*Editor's note: Due to time and space considerations, we were not able to fit this bio into our April newsletter.*

Jim and Valerie Duever started keeping bees in 1998, on their retirement property. Jim's father kept bees when he was younger, and got out of the business when the varroa mites wiped out his hives.

They started out with two hives, borrowing the tools and harvesting equipment from Jim's father. Valerie had never kept bees and her only exposure to honey was from the local grocery stores. She was blown away at the clean, crisp flavor of honey straight from the hive and immediately fell in love. With such a delicious product, it became very easy to sell.

After they moved to the Bachelor, MO farm in 2003, Valerie wanted to start a business that would complement their background in horticulture; both have degrees from Mizzou. Since the honey they harvested was selling as quickly as they could bottle, beekeeping sounded like a great place to start. The bees worked well with plants and flowers, and the honey was a wonderful added benefit. They now have their honey at Gaspers in Kingdom City and the Apple Wagon Antique Mall in Kingdom City, and the North Callaway FFA chapter does a fall fundraiser using their honey products. Valerie expanded their product line to include raw honey, honey sticks, honey jelly, creamed honey, honey candy and Missouri-shaped gift baskets.

They both took their beginning beekeepers class in the summer of 2003 and beekeeping really seemed to be the right choice. Both attended the Master Beekeepers class in Nebraska and are working on completing the necessary paperwork for that certification.

Their beeyard, as with most, has grown and diminished over the years. At one time, they were caring for 30-plus hives that were located in Creve Coeur, Montgomery City and Bachelor, MO. Then, a combination of events (mostly that late season May frost) saw their beeyard drop down to one hive ... the mean Russian Hive! They now work around 15 or so hives. They prefer using Carniolan and Minnesota Hygienic bees because they seem more calm than the Russians.

Along the way, Valerie developed severe allergies to bee stings

and decided to focus more on the Sales and Marketing aspects of the trade. She has conducted classes at the Boone County Regional Library in Fulton, presented a talk on *Marketing Your Honey* to various beekeeping associations and the MSBA, and currently serves as Secretary for the Boone Regional Beekeepers Association in Columbia.

Jim still does production and propagation and they both harvest, using a two-frame manual extractor. Jim has become a bee-mentor, taking on a couple of beekeepers that work side-by-side



*Valerie Duever says a few words after she and her husband Jim receive the 2009 Beekeeper of the Year award from Art Gelder (at left) at the MSBA Spring 2010 Meeting in March.*

with him as he checks the hives throughout the year. He would like to grow this portion of their business, Jim 'n' I Farms, Inc.

Both were active in the Eastern Missouri Beekeepers Association until they moved to Bachelor, and they are now active in the Boone Regional Beekeepers Association, where they teach classes and help to educate future beekeepers.

Both are very proud and honored to be selected as the 2009 Beekeeper(s) of the Year. What an Honor!

### **WEAVER'S FAMOUS QUEENS**

#### **And Package Bees**

#### **Buckfast & All-American**

OVER 121 YEARS OF SERVICE

THE R WEAVER APIARIES, INC.

16495 C.R. 319, NAVASOTA, TX 77868

Phone (936) 825-2333 FAX (936) 825-3642

EMAIL: [rweaver@rweaver.com](mailto:rweaver@rweaver.com)

WEBSITE: [www.rweaver.com](http://www.rweaver.com)

### **Barn Shrinking!**

- Boxes of 50 count Duraguilt for Illinois frames \$35.
- Two Dadant Electromelt (older style) \$50 each.
- Kelly mid size wax melter \$100.
- 20 used Illinois Supers with frames \$7.50 ea.

**Jann Amos 573-529-3398 after 5:00**

**Holds 2 frames**



**Made in the USA!  
Quality construction and  
superior long-lasting  
stainless steel!**

**BUY a KIT  
and Save  
\$\$\$\$**

## Junior Bench Extractor Kit

**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 JB Extractor Kit . . . . . \$499.00**

**This ships in 4 pkgs.**

1 pkg @ 47#    1 pkg @ 8#  
2 pkgs @ 35#

**Holds 4 frames**



**The best built  
extractors on  
the market!**

## Little Wonder Hand-Extractor Kits

Power style also available

**Little Wonder Extractor Kits**—A step up in size from the Junior Bench. 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 . . . . . \$549.00**

**This ships in 4 pkgs.**

1 pkg @ 78#    1 pkg @ 8#  
2 pkgs @ 35#

**M00403KIT LW Power Extractor Kit . . . . . \$839.00**

**This ships in 5 pkgs.**

1 pkg @ 78#    1 pkg @ 13#  
2 pkgs @ 35#    1 pkg @ 8#

**Holds 6 frames**



**Dadant & Sons, Inc.**

51 S 2nd St  
Hamilton, IL 62341  
Toll-free  
1-888-922-1293

1318 11th St.  
Sioux City, IA 51102  
Toll-free  
1-877-732-3268

[www.dadant.com](http://www.dadant.com)

## 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 . . . . . \$629.00**

**This ships in 4 pkgs.**

1 pkg @ 78#    1 pkg @ 8#  
2 pkgs @ 35#

**M00401KIT Ranger Power Extractor Kit. . . . . \$915.00**

**This ships in 5 pkgs.**

1 pkg @ 78#    1 pkg @ 13#  
2 pkgs @ 35#    1 pkg @ 8#

**M00402** Optional Baskets, for Deep Frames, Ship Wt. 8 lbs. . . . \$79.95



## Local Beekeepers Associations

### Beekeepers Association of the Ozarks

4th Tuesday of each month, 7:00 p.m.  
The Library Center, 4653 S. Campbell, Springfield  
[www.ozarksbeekeepers.org](http://www.ozarksbeekeepers.org)

### Boone Regional Beekeepers Association

3rd Sunday of month, 1:00 p.m., Columbia Insurance Group, 2102 Whitegate Dr. (back door), Columbia  
Contact Art Gelder 573-474-8837  
<http://beekeeper.missouri.org>

### 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](mailto:grnthumb@alltel.net)

### 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.easternmobekeepers.com](http://www.easternmobekeepers.com)

### 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](mailto:murftk@copper.net)

### 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](mailto:gillard5@charter.net)

### Jefferson County Beekeepers Association

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

### Joplin Area Beekeepers Association

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

### Mid Missouri Beekeepers

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

### Midwestern Beekeepers Association

Nov-March, 3rd 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  
Cecil Sweeney, President 913-856-8356

### Mississippi Valley Beekeepers Association

Last Tuesday of Month in Quincy, IL  
Contact Debi Bridgman 573-439-5228

### Missouri Valley Beekeepers Association

3rd Monday of each month, 7:00 p.m.  
Scenic Regional Library, Union  
Contact Rodney Angell 573-764-2922  
[bee143@fidnet.com](mailto:bee143@fidnet.com)

### Parkland Beekeepers

3rd Tuesday of each month, 108 Harrison, Farmington  
Contact Gene Wood 573-431-1436

### Pomme de Terre Beekeepers

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

### South Central Missouri Beekeepers Association

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

### Southern MO Beekeepers of Monett "MOBees"

3rd Tuesday of each month, 7:00 p.m.  
Monett High School VO-AG Building  
Robert Sperandio, President 417-235-6959

### Southwest Beekeepers Association

1st Tuesday of month, Neosho High School FFA Building  
Contact Herb Spencer 417-472-7743

### 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@threeriversbeekeepers.com](mailto:info@threeriversbeekeepers.com)

## Cookin' with Honey!

by Carrie Sayers

### Honey Mojitos

(Makes 2)

#### Ingredients:

1 lime cut into 8 pieces  
Handful of fresh mint leaves without stems  
White or amber rum  
Club Soda  
Honey  
Ice

#### Method:

In a bowl place 6-8 pieces of lime, 2-4 T of HONEY and 4-6 mint leaves. Muddle for a minute or two until the lime juice is incorporated into the honey. If you do not have a mortar & pestle, a potato masher works just fine. Pour mixture (keep the limes & mint if you wish, or if not strain before putting in glasses) evenly into two glasses, add desired amount of rum, fill to 3/4 with club soda and mix well. Add ice. Garnish with fresh mint sprig and/or lime wedge. Enjoy!

Carrie Sayers ([www.sayerscatering.com](http://www.sayerscatering.com)) is a beekeeper in Glendale, MO, and has been cooking with honey for years.



**MSBA Membership Application**

Name \_\_\_\_\_  
Spouse's Name \_\_\_\_\_  
Address \_\_\_\_\_  
City/State/Zip \_\_\_\_\_  
Phone Number \_\_\_\_\_ Email \_\_\_\_\_

**NOTE:** If you belong to a local association, please pay your state dues through your local club.

**State Association Dues** (Check only one box)

Adult Membership \$15.00 ☐ **Amount Enclosed \$** \_\_\_\_\_  
Family Membership \$20.00 ☐ Make check payable to: Missouri State Beekeepers Association  
Student Membership \$5.00 ☐ Mail to: P.O. Box 448 Oak Grove, MO 64075

**Magazine Discounts:** Discounts are available for MSBA members to two beekeeping magazines. You may use their order forms and mail them yourself to the publishers as shown below:

**AMERICAN  
BEE JOURNAL****ASSOCIATION  
MEMBER SUBSCRIPTION**

SAVE 25%

Association \_\_\_\_\_ Secretary's Name \_\_\_\_\_  
Subscriber's Name \_\_\_\_\_ Address \_\_\_\_\_  
Address \_\_\_\_\_ City \_\_\_\_\_  
City \_\_\_\_\_ State, Zip \_\_\_\_\_  
State, Zip \_\_\_\_\_ Comments \_\_\_\_\_  
☐ NEW ☐ RENEWAL U.S. ☐ 1 Yr. - \$19.50 ☐ 2 Yr. - \$37.00 ☐ 3 Yr. - \$52.15

(PRICES GOOD THROUGH DEC. 31, 2010)

Return white copy to: American Bee Journal, 51 S. 2nd St., Hamilton, IL 62341

• Retain yellow copy for your records.

**ROOT™**  
PUBLICATIONS**ASSOCIATION MEMBER SUBSCRIPTION**  
*Bee Culture Magazine*

Please Print Clearly

Association \_\_\_\_\_ Secretary's Name \_\_\_\_\_  
Subscriber's Name \_\_\_\_\_ Address \_\_\_\_\_  
Address \_\_\_\_\_ City \_\_\_\_\_  
City \_\_\_\_\_ State, Zip \_\_\_\_\_  
State, Zip \_\_\_\_\_ Comments \_\_\_\_\_  
Phone # \_\_\_\_\_

For Office Use Only  
Acct. # \_\_\_\_\_

☐ NEW ☐ RENEWAL ☐ 1 Yr. - \$21.00 ☐ 2 Yr. - \$38.00

Canada - add \$15.00 per year  
All other foreign add \$20/year

Return white copy to: Bee Culture, Subscription Dept., P.O. Box 706, Medina, OH 44258

\*Please discard any other forms. Use only this form.\* Prices subject to change without notice.



## Honey Princess Report

by Lillian-Grace Misko

Greetings Everyone,

I just got done with feeding sugar water to the bees (out in the rain) and building a telescoping lid and inner-cover for my beekeeping mom. She informed me that feeding the bees is important to do at this time because it helps boost the bees to produce wax and draw out the foundation. It is also vital to feed the bees when they cannot work due to rain.

I had a splendid time this past April at the Remington Nature Center of St. Joseph, MO. I welcomed their returning bees to their impressive observation hive. It was a treat reading, what I would consider an advanced book about bees, to children of all ages and their parents. They soaked up the information and were intrigued by the "oh, so fascinating" insect and how the bees make honey. After reading about, drawing, and talking about bees, the children showed me the Nature Center's observation hive, where they were able to point out the queen bee.

I cannot forget to mention an exciting event that happened on the way home from St. Joseph, MO. While stopped at a gas station and still inside the car, I noticed a man pulling up on his motorcycle to park right in front of where I was. By his surprise, his motorcycle was tipping and this petite man was unable to hold up his motorcycle. In my high-heels and summer dress, I hopped right out of the car and saved his motorcycle -- I guess you could say "Honey Princess to the Rescue." It was fun meeting this gentleman, he was quite grateful that his new Harley motorcycle, with only 250 miles on it, did not crash. Oh, the power of Honey!

In June I will be appearing at Powell Gardens for Bug Day and at the Old Time Musical Heritage Festival in West Plains, MO. I am looking forward to meeting more people and sharing the enthralling interest of bees with others.

Thank you for your welcoming support and generosity,

Lillian-Grace Misko  
2010 Honey Princess



## A note from the Queen Chair

by Joyce D. Justice

It will be fall before you know it. I am thinking of young ladies to participate in our Missouri Honey Queen Program. Please keep your eyes open for good candidates. It is really good to have girls that know a bit about beekeeping.

Sponsor a lady from your area. If you need applications, just email me and I will rush them to you.

Joyce

## Directory of Officers

- President: Scott Moser** 636-285-7295  
6600 Davis Lane, Cedar Hill, MO 63016  
president@mostatebeekeepers.org
- Vice President: Grant Gillard** 573 243-6568  
3721 North High Street, Jackson, MO 63755  
vicepresident@mostatebeekeepers.org
- Secretary: Ken Sona\*** 314-303-4646  
19 McClay Crossing, St. Peters, MO 63376  
secretary@mostatebeekeepers.org
- Treasurer: Ron Vivian** 816-690-7516  
443 Fricke Road, Bates City, MO 64011-8280  
treasurer@mostatebeekeepers.org
- Past-President: Ken Norman** 417-669-4452  
3634 Shiloh Church Road, Marionville, MO 65705  
pastpresident@mostatebeekeepers.org
- Western Director: Brian Norris** 816-668-9365 cell  
3388 Mountain View Road Bates City, MO 64011-8161  
bellhilloperators@yahoo.com
- Southern Director: Dave Kayser** 417-767-2435  
76 Canterbury Drive, Fordland, MO 65652  
southwdir@mostatebeekeepers.org
- Eastern Director: Steve Harris** 636-946-5520  
1224 Sherbrooke Road, St. Charles, MO 63303  
eastdir@mostatebeekeepers.org
- Southeastern Director: Ray Batton** 573-785-1980  
3032 N. 14th St., Poplar Bluff, MO 63901  
southedir@mostatebeekeepers.org
- Program Chairperson: Pam Brown** 636-398-5014  
1407 Sneak Road, Foristell, MO 63348  
femmeosage1@aol.com
- Newsletter Editor: Eugene Makovec** 314-703-7650  
643 Pearl Ave., Kirkwood, MO 63122  
editor@mostatebeekeepers.org
- Auxiliary Treasurer: Dolores Vivian** 816-690-7516  
443 Fricke Road, Bates City, MO 64011-8280  
H1ybee@aol.com
- Queen Chairperson: Joyce Justice** 816-358-3893  
P.O. Box 16566, Raytown, MO 64133-0566  
queenchair@mostatebeekeepers.org
- State Fair Chairman: Dean Sanders** 816-456-4683 cell  
37804 Old Pink Hill Road, Oak Grove, MO 64075
- State Entomologist: Collin Wamsley** 573-751-5505  
collin.wamsley@mda.mo.gov
- Associate Professor of Entomology: Richard Houseman**  
HousemanR@missouri.edu 573-882-7181  
1-87 Agricultural Building, University of Missouri-  
Columbia, Columbia, MO 65211

\*We need a volunteer to fill the position of Secretary. Please contact Scott Moser or Grant Gillard for information.



# Missouri State Beekeepers Association

P.O. Box 448 Oak Grove, MO 64075

[www.mostatebeekeepers.org](http://www.mostatebeekeepers.org)



*There are about 20-25 species of lilac (genus Syringa), a woody shrub or bush native to a large area ranging from southeastern Europe to eastern Asia. Lilacs are deciduous, with large, branched flower clusters, the aroma of which attracts bees and butterflies, thus making it a valuable component of this bee pasture.*

**photo by Connie Knudtson**

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](mailto: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.