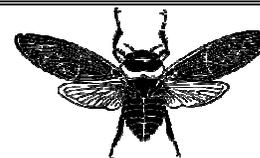


Montgomery County Beekeepers Association

News Release MCBA

Vol. 93 Issue 2 - April 2011

MCBA Motto: "Beekeepers Helping Beekeepers"



Spring 2011 Calendar of Events

April

April 2* – Packages Arrive

Worcester Honey Farm, pick-up at noon, installation class at 2 p.m., contact Jim Bobb

*depending on weather

April 12 – Southeastern PA Honey Bee Symposium Planning Meeting and Executive Board Meeting at the Lansdale Public Library, 301 Vine Street, Lansdale, PA at 7 p.m. Beverages and refreshments are welcome. See attached Symposium Flyer.

April 13 – Beginner Beekeeping Course, 4-H Center in Creamery, PA at 6:00 p.m.

April 21 – General Meeting in the Maple Room at the 4-H Center, Creamery, PA, at 7 pm. Pollinator Gardens and Native Plants for Pollinators. Speaker Grace Chapman, Horticulture and Landscape Arboretum Supervisor, Temple University.

April 23* – Packages Arrive

Worcester Honey Farm, pick-up at noon, installation class at 2 p.m., contact Jim Bobb

*depending on the weather

May

May 3 – Southeastern PA Honey Bee Symposium Planning Meeting and Executive Board Meeting at the Lansdale Public Library, 301 Vine Street, Lansdale, PA at 7 p.m. Beverages and refreshments are welcome.

May 11 – Beginner Beekeeping Course, 4-H Center in Creamery, PA at 6:00 p.m.

May 19 – General Meeting in the Maple Room at the 4-H Center, Creamery, PA, at 7 pm. Mead Making, Speaker Marc Johnson, local mead making expert.

June

June 8 – Beginner Beekeeping Course, 4-H Center in Creamery, PA at 6:00 p.m.

June 14 – Southeastern PA Honey Bee Symposium Planning Meeting and Executive Board Meeting at the Lansdale Public Library, 301 Vine Street, Lansdale, PA at 7 p.m. Beverages and refreshments are welcome.

June 16 - General Meeting in the Maple Room at the 4-H Center, Creamery, PA, at 7 pm. Special Hive Tour of 4-H hives and classroom discussion. Speaker Dr. Vince Aloyo, beekeeper for over 50 years.

June 28 – Tri-County Meeting, Ziegler Apiary, Bethel, PA, 6:30 p.m. – 9:30 p.m.



Observations from the Apiary

Please, can I please the bees? How can I better please my bees so they can please me and, in turn, I am finally pleased with myself as a beekeeper? Those questions continue to roll through my mind as I prepare for another season of beekeeping. In speaking to many fellow beekeepers this winter and early spring, I have been hearing of colony losses of 50% or greater; unfortunately, I too fall into that category. How can I please my bees? Do all that is necessary in a timely fashion in the correct manner. How can my bees please me? They should thrive, produce an abundance of honey and overwinter to next spring. As a result, I'd be pleased with myself as a beekeeper. Doing less but hoping for better results puts me at risk of falling into Einstein's behavioral definition of insanity: "doing the

same thing over and over again and expecting different results.”

This time of year, I find myself reflecting on our agricultural history and the part honey beekeeping has played in this history. Agriculture revolves around coping with the age-old variables that humanity has been confronting for some 11,000 years (1,000 years before the end of the last ice age!), starting when humans began to manage wild flocks of sheep in the Zagros mountains. Domesticated wheat agriculture began 1,300 years later, and the connection of irrigation with agriculture began in earnest in 5,000 B.C. in Ancient Mesopotamia. “Technology” improved food production when humans began using the plow in 4,500 B.C., and, by 3,500 B.C., farming had spread across Europe. As a result of the hard work of all of those people who toiled at improving their yield and success in agriculture, humanity’s reward has been a greater survival rate.

Our relation with the honey bee, and our efforts to harvest a big, delicious crop of honey, is one small part in this saga which, based on cave paintings, possibly dates back as far as the start of animal domestication. For beekeepers, the technological “Eureka!” moment happened when Langstroth developed his hive. Like the invention of the plow, this hive vastly improved our honey harvests. The short period of time of about 120 years from the creation of the Langstroth hive to the arrival of tracheal mites is when the scales were really tilted in the beekeepers favor. If we had not encountered mites and additional troubles like Varroa Destructor, beekeeping could have become even more productive and easier; but that (like my childhood dream of a major league baseball career) did not materialize.

Taking a long view of all of this and trying to put it into perspective keeps me grounded and more mindful that, when it comes to survival and success, there has always been a battle between humans and other predatory species, viruses, and bacteria. Focusing on today, we see the speed at which this battle transitions in what we have witnessed in the past 20 years. We have seen a die off of huge numbers of honey bee colonies resulting from the invasion of tracheal mites, and a continuing die off of bee colonies with the pandemic of disease spread by the arrival and spread of Varroa Destructor. Our beekeeping problems continued with the arrival of the Small African Hive Beetle (a direct result of Varroa Destructor), which thrives on weak hives. This seaming co-conspiratorial array of foes is daunting and unrelenting. But, as I’ve realized, this pattern is nothing new. Predators have always “conspired” to benefit from our agricultural advances. And so it will continue. Witness the Giant Asian Hornet, (*Vespa mandarinia*), which, although not here yet, has now spread to France as a result of international trade and commerce. The Giant Asian Hornet seeks out the larva of other insects. Collaborators on Wikipedia have revealed the horror this insect could inflict on our honey bee hives -- “a single hornet can kill as many as 40 honey bees per minute thanks to its large mandibles which can quickly

strike and decapitate a bee. It takes only a few of these hornets a few hours to exterminate the population of a 30,000-member hive, leaving a trail of severed insect heads and limbs.” “Giant Asian Hornet,” in *Wikipedia: The Free Encyclopedia*, Retrieved April 5, 2011, available at http://en.wikipedia.org/wiki/Giant_Asian_Hornet

I believe that what has changed for us in the late 20th and early 21st Centuries is the pace at which new adversaries unbalance our agro eco- system. Giant Asian Hornets or snot brood? Well . . . I’ll take snot brood please with a side order of good old fashion American Foul Brood. At least I can irradiate my dead out hives and kill those foes after they have done in my hives. Last fall I had several hives that developed “snot brood”. I was made aware of it by Dr. Vincent Aloyo who told me that it was the subject of discussion at E.A.S. last summer. Under the current analysis, snot brood has been lumped into a broader category of illness/disease effecting bees called Parasitic Mite Syndrome (which, when I think about it, is much better than “Mark’s Disease”, because it is not being recognized as having started with me). Regardless, snot brood is not yet understood. Is it a virus, bacteria, bacilli, how is it spread, does it remain dormant yet viable like American Foul Brood? ARGH! the questions that race through my mind and hopefully that of some smart scientist with the funds and facilities to find out the answers to these questions and pass them along to those in need, like me.

Our hope is that the pace of adaptation and counter measures will keep pace with the latest foes that assault our bees. The Pennsylvania Queen Breeding Project is potentially one such means of spurring successful adaptation with a regionally bred bee that is mite tolerant and survives in our climate. The next generation of “Mite Away” formic acid strips holds promise as a short term weapon against Varroa mites and all the bad things they carry with them. If it works as it has been described, it will even kill male mites already capped with the brood, along with those mites that have hatched and attached to the bees.

So just as surely as spring arrives again this year, my hopes and enthusiasm have been renewed. I will roll up my sleeves, till my garden, plant my crops, feed my surviving hives, buy new queens, make splits, try to prevent swarms, attend seminars, and teach those optimistic beginners how to prepare for and best take part in a contest that has gone on for millennium and will continue for as long as we take care of and inhabit the Earth. As a friend of mine is apt to say, “If it was too easy it wouldn’t be a challenge and then it wouldn’t be any fun.” Hope springs eternal! See you at the next meeting.

Sincerely,

Mark Antunes

Introducing Our New Newsletter Column ---

What Are My Bees Teaching Me?

The beginning

After many cold months dreaming of what my new hobby would be like and reading everything I could find about beekeeping (Langstroth's book twice, Miller's book never endingly and Doolittle's out apiary manual as well) for the last two years prior, the first beginning beekeeper's class rolled around in February 2010 to introduce us to the equipment we would need to get started. It all seemed so "professional" looking as compared to the photos in books....and also much bigger. I remember looking at them and imagining how many bees might fit on ten frames of comb, after they draw it out of course, and how long that could take. I had the opportunity, twice, to look into the fall hives of a couple other beekeepers and all I knew is that I was anxious to pick up those 3lb. packages of Italians that the, "package guy" goes and picks up every year, for folks in our club/area, and begin keeping bees of my own.

That day finally rolled around and the weather was sunny and warm. I remember walking up his driveway and passing folks who already had their buzzing boxes and were taking them home. You would've thought my first inclination was to be a bit frightened at the sight of them all crammed into that screened box and buzzing desperately to get out, but I didn't really feel that way....it was more a "cautious fascination" than anything else. As I approached the top of the drive, the first thing I noticed were all the bees flying about in what appeared, at that time, to be a random pattern and all the beekeepers, old and new, with that same look baseball fans have on opening day at their ballparks.....it is a mix of anticipation, excitement and hopeful daydreaming. I next made my way to the table that was being used as a combination barricade/sales counter. Folks were standing in line waiting and peering into the garage door opening in front of them, filled with many boxes of loudly-buzzing package bees and a couple box fans keeping them cool. I remember looking in and wondering which package of bees I might be receiving and whether I really knew what I was getting myself into. Knowing that I was at the point of no return, I got into line, and while waiting, I noticed some other new beekeepers watching a demonstration the "package guy" was giving of how to install those box 'O bees and even though I had read many instructional pages on package installs and watched about ten videos on YouTube, I decided to get out of line and watch. I remember looking on and saying to myself, "this is gonna be a piece 'o cake....no sweat....he did it in just a few minutes and didn't even wear a veil!" Feeling extra confident now (that was not to be long lasting however....LOL), I got back into line and just a few minutes later, I was thanking the man that was checking for payment/balance due, and walking away the proud recipient of my very first box 'O bees!

So true to my column's namesake, what did my bees teach me that day? I do recall the events during that

first package installation, and I did receive a sting or two for being overly-confident on my first attempt. Those bees reminded me I was the "New-Bee" and they were experienced, stinging, venomous insects that I better house, feed and serve with respect. So, I guess my bees taught me respect and humility on the first day of our new relationship, and also who will serve who! Honey bees are truly wondrous creatures, and serving them can be a thoroughly rewarding and enjoyable hobby/occupation. Becoming a successful beekeeper, though, is not easy nowadays and sometimes no matter how hard you try to do all the right things, the path is often strewn with overwhelming difficulties and sometimes even heartbreak. To ease your way and make your introduction to the world of honey bee keeping as enjoyable as possible, I am going to share my thoughts and experiences, as my bees continue teaching me, in hopes that you too might benefit.

To Bee Continued,
Second Season New-Bee



We Need You!!

Volunteers are needed to help with the Southeastern PA Honey Bee Symposium which will be held this year on October 1, 2011. Some of the positions available are: volunteer coordinator, parking, food, time keepers, MCBA honey and T-shirt sales, registration, signs and public relations.

Do you like to talk? We are looking for members to give ten minute demonstrations or talks on bee topics. Do you like to bake? Contribute honey baked goods for our bake sale. Do you have hive products for sale? Bring them to sell at the MCBA table or sign up for a table of your own.

Interested? Attend one of our planning meetings! We usually meet the second Tuesday of the month, 7:00PM, at the Lansdale Library. Check the calendar for exact dates. We will also have sign-up sheets at the meetings. Please contact Margaret Zittel at mzittel1@verizon.net for more information.



Meet Your Local Beekeeper – Introducing Scott Bartow

This edition's local beekeeper is Scott Bartow. In this article, Scott reveals the fascinating journey he took from working as a primate keeper to becoming a career beekeeper.

How did you become a beekeeper?

About 10 or 11 years ago, Scott was working at a zoo as a primate keeper. A friend at Penn State, who was studying bees, thought Scott would find honey bees fascinating and encouraged Scott to take up beekeeping. Scott thought it might be interesting, so he took a beginners' class with Jim Bobb and began keeping bees in his yard as a hobby.

How did your hobby grow into something different?

Scott left his primate keeper job to work in the finance industry, and later worked for a hedge fund in New York. After the economy collapsed, Scott's fascination with his beekeeping hobby and a desire to have more control over his own destiny led him to contact his beekeeping mentor, Jim Bobb, to see if Jim would be interested in working together.

Wow, from primates, to finance, to a hedge fund . . . to bees! So what are you doing now?

Scott works with Jim and on his own. Scott and Jim produce honey, teach classes (right now they have about 50 students), and maintain hives at Longwood Gardens (Scott works with about 100 hives there), and Scott does bee extractions from homes, and maintains his own hives. Scott remains committed to working towards improving honey bee survival rates.

You can reach Scott through the Worcester Honey Farms. If you have a suggestion for the next featured beekeeper, please contact the newsletter editor at: News@MontCoBeekeepers.org

Informal Winter Loss Survey – PA State Beekeepers Association

Warren Miller, the President of the PA State Beekeepers Association reports that he has been hearing of some significant losses throughout the State this past winter. The PA Association has been working to collect information on losses in order to determine if some areas have been hit harder than others. This information is collected via a simple, short, non-scientific survey. The PA Association would appreciate it if our members would participate by completing this survey, which is below. Please complete the survey and return it Warren Miller, the President of the PA State Beekeepers Association, at superbee22@hotmail.com by **APRIL 30, 2011**.

The PA State Beekeepers Association has stated that all personal information will remain strictly confidential and will not be shared with anyone.

2010/2011 WINTER LOSS SURVEY

- 1) How many colonies did you have in the fall of 2010?
 - 2) How many of those colonies survived until April 2011?
 - 3) Why do you believe these colonies died?
 - 4) Did you treat these colonies with any chemical treatment? If yes, what chemical treatment and when?
 - 5) Where these colonies used to pollinate crops? What crops were pollinated?
 - 6) Were these colonies moved within PA or outside of PA during 2010?
 - 7) Where (city/township) do you keep your colonies?
-

Working Like a Honey Bee Colony The Schaffers, MCBA and Plymouth Township

The last few months have been very exciting for us as prospective beekeepers. We would like to share our story so that others learn about how to overcome some of the possible difficulties that can arise when keeping honey bees for the first time. We would also like to tell about the wonderful people we have had the pleasure to meet when they volunteered to help two strangers who didn't even have honey bees yet.

We began to take interest in honey beekeeping about two years ago when we met a few beekeepers and some of their bees at state fairs. To become more educated on the topic, we read a few books and took a couple of classes on beekeeping and decided that we were ready to take the plunge. Our last step was to check with our local authorities to make sure beekeeping was permitted in Plymouth Township in Montgomery County.

Just as we were ready to start building our woodenware and ordering our bees, things came to a screeching halt when we learned that the Township prohibited the keeping of honey bees. According to the solicitor's interpretation of the zoning ordinances, honey bees were

considered insects and the zoning ordinances did not allow “harboring insects.”

We turned to the Montgomery County Beekeepers Association (MCBA) for some direction and advice. A description of our situation was quickly passed around through some email distribution lists, and we suddenly were contacted by a team of people from many different backgrounds who jumped right in and were ready to help. Mark Antunes gave us specific direction as to what information to clarify for the Township Council. Vince Aloyo worked to organize an effective group of presenters for the Township Council meeting. Charlie Breinig was instrumental in guiding us through the process of meeting with Township officials and making an effective presentation. The Executive Board of the MCBA was graciously willing to not only speak with us at their board meeting, but also offered to pay the application fees for us to begin to challenge the Township on their position.

At first, we were told that we needed to gain the support of the Township Council by submitting documentation supporting our cause. We compiled numerous documents indicating that beekeeping was safe and beneficial for residential areas. If we obtained approval by a majority of Council members, then we would need to be granted a zoning variance by the Zoning Hearing Board members.

In a meeting with the zoning officer, we noticed a section of the zoning ordinance that indicated that our residential area was approved for “agricultural use.” We began to pursue the angle that beekeeping was an agricultural endeavor, which would be allowable according to the wording in the current zoning paperwork.

Until we could prove that beekeeping was as an agricultural pursuit, we would move forward to apply for a zoning variance, which would only allow the two of us to keep honey bees at our home. That would also require us to attend a hearing with the Zoning Hearing Board at a cost of \$200. Although MCBA was kind enough to offer to pay that fee for us, it would not guarantee a ruling in our favor. We did not like the prospect of every beekeeper in Plymouth Township needing to go through this same process.

At that point, we decided to contact our Township Council representative to discuss the possibility of trying to change the interpretation of the ordinance to eliminate the need for a zoning hearing for any beekeeper. We also wanted to gain some insight into how Council members initially felt about this topic. After discussing our plans as well as her concerns, our representative encouraged us to contact the other Council members to afford them the same opportunity for discussion and she invited us to attend the Council Workshop meeting on March 7th. In speaking with the other Council members, we learned more about the questions they had so that we would be sure to answer them during our presentation at the Workshop Meeting.

Our documentation about beekeeping, along with very informative and persuasive presentations by Anne Javscas (Administrator, Plymouth Friends School), Joel Eckel (Founder, Philadelphia Beekeepers Guild), and Jim Bobb (Past President MCBA), gained a favorable

response from the members of the Township Council. We were able to answer questions about the safety of honey beekeeping in a neighborhood setting as well as in a school setting, the differences between honey bees and other flying insects, typical honey bee behavior and responses, what backyard beekeeping entails and some honey bee biology. They unanimously voted to approve our request to keep honey bees. The last step was for their recommendation to be heard by the zoning officer and the solicitor and to gain their approval as well. A few weeks later, we received a call from the zoning officer letting us know that our request had been approved and we, along with others in Plymouth Township, can now keep honey bees. Their last few steps involved the zoning officer and the solicitor interpreting beekeeping as an agricultural endeavor, thereby eliminating the need for a zoning variance. The Township is now working on adopting the Best Management Practices for residents who keep bees as outlined by the PA Department of Agriculture. At this point, the Township requires honey beekeepers to register with the PA Department of Agriculture, as all beekeepers do, as well as the Township by obtaining a permit for \$25.

We are extremely grateful to all those who volunteered their time, expertise, research and advice to our pursuit to make honey beekeeping legal in Plymouth Township. Without MCBA, we would not have had access to the resources that enacted change in our Township. We are looking forward to our first year as beekeepers and hope to continue to educate others on the benefits of honey beekeeping.

Kevin and Colleen Schaffer



A Simple Equation for any Beekeeper

Four years, two eight frame hives, and three queens later, we found ourselves with an opportunity to extend awareness of beekeeping to the broader public when the Friends of Horsham Library held "Mini Indoor Goofy Golf" as a fundraiser to sponsor children's summer reading programs, economic presentations, cooking lessons, and guest author visits.

By surprise, a little less than two days before the event, we were privileged to sponsor a hole. Many Horsham businesses and citizens volunteered their time and donations to make this family event a success by decorating a mini golf green.

Twenty-four hours in, we emerged with a honey bee theme. Twelve hours later, a display featuring 20 honey and bee facts was assembled. Eight hours after, the first of many happy families, couples, and teens putted their way through our honey bee green with a honey bee fact tree (check out the photo above!), three almost clean hive bodies, and 6 new frames as simple but effective obstacles. Thirty minutes before the event we were wondering if the fake green Astroturf was propolis resistant... no surprises here.

We're not so sure how many people found a new future with bees as we have, but there is no doubt that many people found bees interesting as we always have. Just with a few simple tools, we spread a message of bee awareness and the importance of bee protection with a little effort.

Consider offering up your knowledge . . . whether you are running 8 or 10 frame equipment, have 3 or 30 years experience, or own 2 or 200 hives. All of our numbers add up to opportunities for any beekeeper to reach out to a community for a good cause of choice. Any "new-bee" or "wise-bee" can make a difference.

Milt and Jenn Kunz

Special Announcement: MCBA Has a New Secretary!

Annabelle Butterworth has graciously agreed to be MCBA's Secretary. "Welcome!" to Annabelle and a very big "Thank You!" for volunteering your time to assist MCBA!



MARKETPLACE



If you have beekeeping-related products to sell or services to offer,
please send your advertisement to the newsletter editor at:

News@montcobeepers.org

In order to promote or advertise beekeeping classes or products and services in the MCBA newsletter or on the MCBA website, you must be a member in good standing and pay the below established advertising rates:

Website: \$25.00 per advertisement on our website quarterly

Newsletter: \$25 for one page or less in the newsletter per quarterly edition. Additional space will be charged at a rate of \$25 per page in the newsletter.



Southeast Pennsylvania SPRING PACKAGES

Available for Pickup Saturday, April 2* or Saturday, April 23*.

(* Actual date depends on weather.)

Order your packages now for pickup Saturday, April 2* or Saturday, April 23*. At 2:00 P.M. on the day of pickup, see a demonstration on installing package bees. Conveniently located in the exact center of Montgomery County near Valley Forge, Norristown, and Lansdale turnpike exits. Package includes 3-pound workers with Italian queen. For questions or ordering information, contact Jim Bobb at 610-584-6778 or JimBobb@GCT21.net.

Worcester Honey Farms, 2011 Shearer Road, Lansdale, PA 19446

The MCBA Marketplace is provided as a convenience for MCBA members and others. The inclusion of ads is at the discretion of the MCBA editors, and is neither an express nor an implied endorsement of any particular product or seller.

MCBA Beekeeping Course Calendar **Summer and Fall 2011**

July 2011

July 12 – Southeastern PA Honey Bee Symposium Planning Meeting and Executive Board Meeting

Lansdale Public Library, 301 Vine Street, Lansdale, PA at 7 p.m.

July 13 - Beginner Beekeeping Course

4-H Center, PA at 6 p.m.

July 16 – Annual Summer Picnic

Ft. Washington State Park, Militia Hill, PA, 11 a.m.-4:00 p.m.

July 22-23 – PSBA Picnic York County

For information, go to www.pastatebeekeepers.org

July 25-29 – EAS in Warwick, RI

For information, go to www.easternapiculture.org

August 2011

August 9 - Southeastern PA Honey Bee Symposium Planning Meeting and Executive Board Meeting

Lansdale Public Library, 301 Vine Street, Lansdale, PA at 7 p.m.

August 13 – Hive Tour with Possible Cook Out Lunch or Field Trip

August 17 - Beginner Beekeeping Course

4-H Center, PA at 6 p.m.

September 2011

September 13 - Southeastern PA Honey Bee Symposium Planning Meeting and Executive Board Meeting

Lansdale Public Library, 301 Vine Street, Lansdale, PA at 7 p.m.

September 14 - Beginner Beekeeping Course

4-H Center, PA at 6 p.m.

September 15 – General Meeting in the Maple Room at the 4-H Center in Creamery

Wax Processing, Candle Making and Home Made Cosmetics and Soaps

Speakers Joe Duffy and Grace Crawford

October 2011

October 1 – Southeastern PA Honey Bee Symposium

October 11 - Executive Board Meeting

Lansdale Public Library, 301 Vine Street, Lansdale, PA at 7 p.m.

November 2011

November 5 – MCBA Fall Banquet

Plains Mennonite Church, 4:00 p.m. – 9:00 p.m.

November 8 - Executive Board Meeting

Lansdale Public Library, 301 Vine Street, Lansdale, PA at 7 p.m.

November 11-12 – PSBA Fall Meeting

Country Cupboard, Lewisburg, PA

December 2011

December 10 – Holiday Gathering (to be determined)

December 13 - Executive Board Meeting

Lansdale Public Library, 301 Vine Street, Lansdale, PA at 7 p.m.

News Release MCBA VOLUME 93 ISSUE 2 April 2011

MCBA Motto: "Beekeepers Helping Beekeepers"

MCBA OFFICERS and Executive Committee Members – 2010

President	Mark Antunes	honeyhillfarm@verizon.net		
Vice President	Brian Marcy	brian.marcy@ono-usa.com		
Secretary	Annabelle Butterworth	skyfire1320@hotmail.com		
Treasurer	Priscilla Bonsell	cillab@earthlink.net		
Exec Comm Mem	Charlie Breinig	Charlienospam-bee@yahoo.com		
Exec Comm Mem	Harold Jenkins			
Exec Comm Mem	Vince Aloyo	Vincent.aloyo@gmail.com		
PSBA Rep	Harold Jenkins			

MCBA WEBSITE!

www.montcobeekkeepers.org

Check out the MCBA website for news updates and items of interest. Pass the address to anyone you know that may be interested. Email addresses have also been set up so you can communicate with the board.

Contact the Newsletter Editor at News@montcobeekkeepers.org

Montgomery County Beekeepers Association Membership Form

Name _____

Address _____

City/State/Zip _____

Email Address _____

Phone Number _____

Dues are applied on a calendar year basis. January 1st to December 31st

New membership _____ Renewing membership _____

MCBA DUES \$10.00 per *household per year \$ _____

**PSBA DUES \$20.00 for one person per year or \$25.00 per household per year \$ _____

TOTAL ENCLOSED \$ _____

*Household = 2 adults and all children living at one address.

**PA State Beekeepers Dues are recommended in order to encourage research on bee health, and promote efforts to dissuade local township and boroughs from restricting beekeeping. You will also benefit from the 10 annual state newsletters and information sharing.

Mail to: MCBA PO Box 203, Hatfield, PA 19440 or renew online at www.montcobeekkeepers.org

**MCBA
PO BOX 203
HATFIELD, PA 19440**

**3rd
Annual**



Southeastern PA Honey Bee Symposium



**Registration
includes:**

Featured Seminar
*All-Day Beginner
Beekeeping
Course*
Workshops
Garden Tours
Lunch
Honey Tasting

**Visit Our
Vendors**

- *Books*
- *T-Shirts*
- *Beeswax Candles*
- *Apiary Supplies*
- *Honey Sales*
- *Hive Products*
- *More....*

Saturday, October 1, 2011

8:30 am to 4:30 pm

Registration starts at 7:30 am

Temple University/Ambler Campus

Student Center Auditorium

580 Meetinghouse Road, Ambler, PA

Featured Seminar Speakers:

- **Tammy Horn, PhD**
- **Randy Oliver, MS**
- **David Tarpy, PhD**

\$50 at the door; \$45 with early registration

\$40 Students

Registration includes lunch

Find registration details on the MCBA website

www.montcobeekeepers.org

Intermediate Level Beekeeping Course

Take your beekeeping to a new level!

This course has been designed for individuals who have kept bees for at least a year and who have knowledge of beekeeping equivalent to that learned in Delaware Valley College's three day Introductory Beekeeping Course. Taught by Vincent Aloyo, Master Beekeeper and Christopher Tipping, Associate Professor of Entomology, this course focuses on details of honeybee biology and the practical management of hives. Topics include the following:

Honey bee life history; Splits and Re-queening; Identification of honey bee diseases; Control of bee pests with IPM practices (including Drone trapping for *Varroa* mites and testing for Hygienic behavior); Honey plants and Pollination; Comb honey production; Anatomy, genetics and Pheromones.

Dates: 3 Saturdays, May 14, 21 and June 4

Time: 9:00 am – 4:00 pm

Place: Delaware Valley College Campus, Feldman 113

Course Number: APR 105 Section: 002

Required Equipment: Bee veil, 3-ring, loose leaf binder. (Please no gloves in the apiary)

Apply Early! Class limited to 25 students

Registration: You may register using the form, below. Fill out the form and return it to

**Delaware Valley College, Continuing Education Department,
700 East Butler Avenue, Doylestown, PA 18901**

For more information, please email us at conted@delval.edu or call us at 215.489.4848

-or-

Dr. Vincent Aloyo, 610.278.1621

Dr. Christopher Tipping, 215.489.2449



Cut and return

Delaware Valley College Intermediate Level Beekeeping Course

Name: _____ Birth date: _____

Address: _____

City: _____ State: _____ Zip: _____

Daytime Phone: _____ Evening or Cell Phone: _____

Email: _____

Intermediate Beekeeping

Course Number: APR 105 Section Number: 002

Number of Students Attending: _____ Cost Per Student: \$160.00 Total Tuition: _____

Please make checks payable to: Delaware Valley College

Mail to: Continuing Education Department, Delaware Valley College, 700 East Butler Avenue, Doylestown, PA 18901