



NEWSLETTER

Bowie-Upper Marlboro Beekeepers Association

December 2012

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www.BUMBAbees.com <http://pets.groups.yahoo.com/group/BUMBABEE/>

Our Next Meeting

Holiday Pot Luck Dinner Party

Tuesday, December 11, 6:00 PM!

Watkins Park Nature Center

Our next meeting is our joint **Annual Holiday Pot Luck Dinner** with the **Prince Georges' Audubon Society**. This is a **BUMBA** tradition that has been on-going for over 25 years! Doors open at 6PM. Allow for 30 minutes for set up and dinner is expected to begin at 6:30 PM. Following dinner there will be door prizes and slide shows.

What to bring! You, your family and a pot luck dish. The clubs will provide punch and hot tea, utensils, plates and cups, and paper goods.

Bring a door prize! We have always had a drawing of door prizes supplied by members. Nothing fancy or expensive; simple is good, and if it is of a bee theme, origin, or product, all the better! It would be nice if everyone went home with a memento.

Don't forget to bring photos. We used to say "slides". Today we are digital. Bring your digital photos on a CD, a thumb drive, or your own laptop computer. If you do have traditional slides, contact **BUMBA** President **Bob Greenwell** or Vice-President **Leigh Walton** (contact info on back page) to make sure a slide projector will be available.

Bring cash. There will be a sales table. It is a great opportunity to buy unique gifts for the holidays. Members may bring beekeeping

related items to sell; be sure to identify your items with your name and a price.

"Parade of Lights": Don't forget the annual Christmas lights festival at Watkins Park. There may be long lines so allow extra time to get to the Nature Center. At the entrance, tell the gatekeepers that you are attending the meeting at the Nature Center and they should allow you to enter for free. When you get to the "T" where you normally turn left to go to the Nature Center, you may have to speak to someone controlling the traffic or else you may take the long way round.

The President's Smoker

As I write this I am amazed at the warm weather we are having for the first week of December. Yesterday the bees were flying strongly and bringing in pollen. I can't see what they are harvesting around the hives, everything looks dead from the heavy frosts we have had. One member called me to say that she could note three different colors of pollen coming in and was just as mystified as I as to what the source was. I don't recommend opening your hives during this warm blast unless the weight of the hive indicates a need for emergency feeding. There is still plenty of hard weather to come and it is best not to break the seal of propolis the bees have installed between the boxes. You can observe the flight patterns at the entrance and tip the hive up from two sides to judge the relative weight of it. The cluster inside will be dispersed somewhat as the bees use the warmth to possibly realign, but a bunch of bees at the hole in the inner cover on a warm day is not to be taken as an indication of eminent starvation. But a three day forecast of 60's

temps can be an opportunity to shift some full frames of honey into a light hive if really needed.

Don't forget that we do not hold a regular meeting for the month of December, but rather get together for a holiday gathering/potluck. All members are invited to attend the party held at Watkin's Nature center, Tues. December 11, starting at 6:30 PM. The Audubon society will be joining in with us as in years past, so come and have some fun talking about the birds and the bees.

Registrations for the spring 2013 short course are beginning to come in, and I look forward to spending the time with our many volunteers that make our course so successful. It is a highlight of the year to meet and interact with the ranks of newbees just getting started, and to spend time with so many of the highly talented members of our club that give so willingly of their time and expertise.

Our outreach/event program was again well coordinated by Linda Thompson this year, with several requests from the public that would like to include us in their events for 2013. We really need more participation just to continue with the programs we attend traditionally, let alone adding more. It is easy and fun, and does not require a lot of expertise to participate. Linda is planning to hold a planning meeting, date/time to be announced, to improve, and expand your knowledge of the outreach program. It will be held outside of regular meeting dates, and I sincerely hope many people will jump on board with this worthwhile and even essential program. Outreach events are a way for every one of us to give back a little of ourselves to help those who aspire with similar interests to ours, mainly the fascinating honeybee.

Bob Greenwell

Some First Year Lessons

Kim Mehalick

At the suggestion of Bob Greenwell, if one of our master

beekeepers comes to your house, record it and share the lessons learned with the rest of the BUMBA group. This is our report.

In March, we started with the BUMBA course, and then started two hives. Through trial and error and some help through the Yahoo group we learned a lot. In October we purchased Olney Honey, its equipment and its 8 hives, to increase our bee business.

We were lucky enough to have David Morris come to look at the three weakest hives in late October, and give an assessment. This was the first time any other beekeeper had seen our bees. We thought we had prepared the hives for winter, but were doing some 2:1 feeding as recommended during the course.

Things learned:

1. How to properly light and keep a smoker going for a long time.
2. That David goes fast, and uses two hive tools at the same time, one in each hand.
3. That the new hives were propolis heavy. We need to scrape it down from the frames.
4. That the bees were healthy, but the colonies were undersized. No Varroa mites, no EFB, no AFB. Small hive beetle were present, and some hornets flying nearby in hopes of grabbing one of our girls.
5. How to assess a good from a fair brood pattern. The more spotty the capped brood, the more uneven the coverage the worse it is. Some of our queens were judged to be only fair.
6. That the used equipment was in fair to great shape, and there were no signs of any worrisome disease- just the evil Small Hive Beetle, which we have been battling all summer already. Duct tape is an acceptable hive body material
7. David suggested we begin to move in new comb frames next spring, gradually taking the old combs out of rotation as they were emptied. We were planning on doing that because we want to get rid of all the deep equipment, and move only to medium

boxes. He suggested that comb be used for no more than five years, and preferably three in the brood nest.

8. Some of our deep boxes had nine frames, instead of ten. David said to get back to ten frames in the brood nest; nine frames were for honey production only. You don't want thicker comb for brood development.
9. That we should rinse our stored PermaComb™ frames out before putting on the bees for honey production in the spring. The bees would take care of the rest of the cleaning.

In the end we had a single hive, doing newspaper combination between the three hives based on weak queens, lack of stores and the adage take your losses in the fall not the spring. The partial food combs were left out for all the hives to rob out. We then froze the comb to kill eggs/pests and stored them with the other drawn comb already in the garage under Para-Moth™.

David also looked over our two original hives. They were strong with great queens, with good stores. He knocked down the four medium hive bodies to three by ruthlessly eliminating all partial food storage combs. One hive still needed a small amount of feeding, the other was set. He did some balancing between the two hives.

Picture: Newly combined hive with an deep and medium box on the top over a gallon jar of 2:1 syrup. Our original hives are behind the fence in the rear. The beginning of “The Queen’s Honey”



Bees in the News

DC Closer to Easing Beekeeping Rules

By *Martin Austermuhle* in *News* (www.dcist.com/news)

A D.C. Council committee recently approved a bill in late November that would make beekeeping easier within city limits.

Beekeeping is currently allowed under D.C. law but under limited circumstances.

Under the new bill, sponsored by Councilmember Tommy Wells (D-Ward 6), beekeepers will be able to maintain up to four hives per quarter acre of property, provided that they are at least 15 feet from a property line.... Additionally, hives will be allowed in multi-unit buildings "if permission is secured from the property manager or owner." The bill specifies that bees must be selected from colonies known for "gentleness and non-swarming characteristics." The bill still faces two votes before the full council before becoming law. Read more at: <http://bit.ly/SsLLB0>

News from "Catch the Buzz" at BeeCulture.com

Good Advice For Every Beekeeper, from A Successful Beekeeper

By *Kim Flottum*

The most basic and essential advice for anyone with hopes of becoming a successful professional beekeeper is to "ignore" the ideas and advice commonly circulated by small-time beekeepers, especially those who try to be different and make things more complex than necessary and follow only advice and suggestions from successful professional beekeepers.

That good advice is generally offered quietly and without the evangelism that accompanies the propaganda circulated by the various beekeeping cults.

The main keys to achieving success in any business that

depends on livestock are very simple:

The first rule for anyone who keeps livestock and is serious about doing a proper job, with profitability and success as the goal, is to ensure his/her livestock is properly fed at all times, with feed reserves on hand.

The second rule is to keep all livestock in good health and avoid wasting time and resources on livestock which does not show promise.

Culling losers promptly is essential to success – in the beekeeping world it is not simply letting all the bees die, but requeening with better stock.

Colony starvation begins long before the bees run right out of feed. As the amount of stores in the hives dwindle, bees forage more desperately and brood rearing is cut back, resulting in disease and reduced populations.

Failure to feed livestock that is approaching starvation is an indication of the worst sort of ignorance and lack of competence. In advanced societies, starving livestock is illegal, and even criminal.

For some reason, bees seem to be an exception and many incompetent beekeepers promote various abuses of honey bees. Maintaining inadequate reserves in hives is one of the most widespread abuses and the cause of a great deal of colony loss and disease.

Beekeeping basics are really simple -- too simple for many it seems.

*** Keep the colonies healthy and treat, eliminate or requeen any which are not.**

*** Provide good housing for the colonies with appropriate room for the population and time of year.**

*** Feed any colonies that may come anywhere close to running out during a dearth generously, and well in advance. The time to feed for dearth and/or winter is as soon as any honey flows are over and any surplus is removed. The weights should**

be checked again routinely.

This e-zine is also available online at <http://home.ezezine.com/1636/1636-2012.11.30.16.31.archive.html>

East and West Differences, plus Virus and Disease Differences...CCD is not as simple as we hoped.

*Kim Kaplan, Chief, Special Projects Information Staff
Agricultural Research Service U.S.D.A*

Honey bees that succumb to Colony Collapse Disorder (CCD) carry a colony-specific group of three or four pathogens that tend to be unique to different geographic regions, according to a new study by Agricultural Research Service (ARS) scientists.

The paper, published this week in *PLoSOne*, is available online at: <http://dx.plos.org/10.1371/journal.pone.0043562>.

The most distinct difference in the makeup of the pathogen clusters was found between CCD-struck colonies in the eastern and western United States. In samples from eastern apiaries, the grouping tended to be all viruses. In the west, it was a mix of viruses and *Nosema* species, which are gut parasites. Specifically, *Nosema apis* and acute bee paralysis virus (ABPV) were linked with CCD colonies from western states, while these species were extremely rare in eastern honey bee colonies regardless of the presence of CCD.

Interestingly, collapsing colonies also differed overall from each other in the predominant pathogens, suggesting that these pathogens were lucky hitchhikers on the path to colony ruin, without any single factor being a consistent cause of collapse.

The largest single class of pathogens found in hives with CCD was RNA viruses, which are very small viruses associated with the mitochondria of host cells. Each pathogen was present in some healthy colonies, but not at the levels found in CCD-struck colonies. The study confirmed an earlier finding, based on a small number of samples that honey bee colonies showing CCD symptoms had

significantly higher pathogen levels than colonies from apiaries that reported no CCD.

An association of RNA viruses and *Nosema* with CCD has been previously reported after studies of a small number of colonies, but this was the largest analysis of honey bee hives yet conducted.

The study describes genetic traits for several novel RNA viruses, and for other microbes associated with the hives that might have positive or negative effects on bee health.

More than 100 hives from nine states—California, Florida, Pennsylvania, Maryland, Nebraska, New York, South Dakota, Wisconsin and Washington—were sampled between 2004 and 2008 and then analyzed for this study.

The geographic differences also indicate that it is unlikely that any single recognized agent is responsible for CCD, making the search for unifying predictors more complicated, according to ARS entomologist Jay Evans at the agency's Bee Research Laboratory in Beltsville, Md. Evans co-led the study with ARS research associate Scott Cornman, and with help from colleagues Jeff Pettis and Judy Chen at the Beltsville lab. Researchers from the University of Maryland and North Carolina State University were also part of the team, which received support from ARS and the National Honey Board.

ARS is the U.S. Department of Agriculture's chief intramural scientific research agency.

This e-zine is also available online at <http://home.ezezine.com/1636/1636-2012.08.24.13.30.archive.html>

CLUB PROGRAMS

BUMBA has initiated several programs over the years and we are always looking for members to get involved not only for assistance, but to better your knowledge as well. Please get in touch with a club officer if you would like more information about,a

program. Program participation always makes you a better beekeeper. They are like additional classes for free and serve the beekeeping community in so many important ways.

BUBMA Extractor use

BUMBA now has two honey extractors for use by members. This has necessitated the establishment of club policy governing their use. The extractor use agreement, rules, and cleaning instructions have been completed and uploaded to the Yahoo BUMBA page files section. Click on this [Link](#) to view the Extractor Agreement. The extractor managers are **Chuck Mewshaw** (ctmmaw@aol.com, 301-249-3229) and **Gerry Jones** (gejones486@verizon.net, 301-577-1365). Each has a complete set of equipment and are pretty centrally located for the convenience of the majority of members. Anyone scheduled to use the extractor will need to bring a \$50.00 deposit, cash or check, when you pick up the equipment and sign the use agreement and inventory form. Please be sure to read what you are signing☺.

The BUMBA 2012 Outreach Season

By Linda Thompson, Outreach Coordinator

Recent Outreach Events Report

4th Annual Trash-To-Treasure Green Craft Fair

Watkins Park Nature Center

On Saturday November 10th, Leigh Walton, Gerry Jones, Mellie Landon, Nikki Thompson, and I represented BUMBA at this event, our last of the year. All vendors must offer goods created from at least 50% recycled, organic, fair trade, or sustainably-harvested materials. BUMBA had 2 tables in the large room where we have our meetings and were great ambassadors for our club. Gerry and Leigh sold honey and all of us taught many folks about the wonder

of honeybees. M-NCPPC provided lunch and a good time was had by all.

2012 Outreach Summary

BUMBA outreach events are popular with the public, especially kids, who are fascinated with honey bees and think beekeepers are just amazing people! A huge THANK YOU! to all those loyal volunteers who show up and make all our events a success!

2012 was truly an AMAZING outreach year!! BUMBA was never so busy - 13 events in 9 months! We were present at all of the following events:

- 3/18 Behnke Nursery Spring Open House, Beltsville
- 4/28 Maryland Day, UMCP
- 4/14 Bowie Green Expo, Bowie
- 5/5 Hard Bargain Farm, Accokeek
- 5/19 A-MAY-zing Animal Festival, Bladensburg
- 6/18 - 6/24 Maryland Pollinator Week, Bowie
- 8/12 St. Thomas Episcopal Church Farmers Market, Croom
- 9/15 Maryland Honey Harvest Festival, Laurel
- 9/29 Bowie-Crofton Garden Club Fall Plant Sale, Bowie
- 10/6 P.A. Bowen Farmstead, Brandywine
- 10/7 Bostwick Harvest Festival, Bladensburg
- 10/20 Avalon Farms, Brandywine
- 11/10 Trash To Treasure Green Craft Fair, Upper Marlboro

As we work more events and get more exposure, we are presented with even more opportunities. We turned down invitations to four additional events this year. Honeybees (and we as beekeepers) are facing many challenges including mites, diseases, loss of habitat, and pesticides. In the past few years we have been involved in, or at least witness to, battles against anti-bee legislation. We need the public to understand the importance of bees as pollinators (the "every 3rd bite" message). We need them to

understand the difference between honeybees and yellow jackets and other wasps. We need them to understand that what they plant and what they treat their plants with affects the bees. These outreach events are how we get our message out there. It is truly valuable time spent. I sincerely thank each and every one of you who have spent even 1 hour at a BUMBA table talking about your bees.

2013 Outreach Planning

I would like to hold a 2013 Outreach planning meeting on Thursday, January 10. We will review the 2012 events and decide which we should continue to support and which were not quite the right venues for us. We will evaluate our materials and presentations and see if there are better ways to draw the public to our table (although not much competes with an observation hive for an attention-getter!!) and spread our message. We will discuss how our things are packaged and see if there is an easier way for packing, storing, and schlepping them around. Our large tri-fold photo display has seen lots of use and is getting a little ragged. We need to look into remaking or replacing it (we will be invited to work the Maryland State Fair next year and can submit a display for a cash prize). If you have worked events and have any suggestions at all, please bring them. If you haven't worked an event, but want to get involved, please come. If you don't volunteer because you don't like the way something has been done, please attend and share your ideas. I will follow up with a broadcast email, but would like to hear from you ASAP if you plan to attend so I can make appropriate arrangements. If there are enough people, I will reserve a room at Watkins Nature Center for that evening. Otherwise, we will plan something more casual. lmtpublic@comcast.net, 301-352-3663 (h), 301-943-4368 (c)

2013 BUMBA Spring Course

A few changes are coming to our Spring Course this year. It will start earlier, on Valentine's Day, and the last class will no longer

finish on the night of our membership/election meeting, so there will be one additional night for teaching. Class dates are 2/14, 2/21, 2/28, 3/07, 3/14, and 3/21, with a Saturday field day date TBD (probably March 30 or April/6, depending on weather). The fee this year will be \$40 for the first family member and \$25 for each additional family member.

BUMBA Web Site!

Check out the club web site maintained by **Toni Burnham**, www.bumbabees.com. You will find meeting schedules, newsletters, and now have a membership short course application forms and information (payments are still by mail or at a meeting.) We need content, pictures, ideas, suggestions and help with administration. If you have any interesting photos to add to the photo gallery, send them with a short description or story to Toni at phang@tonitoni.org. Please be mindful of the file size and resize any large files before you send them.

YAHOO News Group

<http://pets.groups.yahoo.com/group/BUMBABEE/>

Sign up, check it out and see how much help it can really be. Make it better. Add materials. Post questions, photos, links to web pages or files you would like to share with your fellow beekeepers. **Members receive automatic email notices of meeting and the BUMBA newsletter.**

FREE STATE Bee Supply

Your local bee supply dealer

Free State Bees, 2420 Mill Hill Rd, Waldorf, MD 20603-3752

Please email or call if you have any questions.

Please be sure to call ahead to set up a time to visit!

Contact Dave or Laura Polk at 301-580-9313.

As always, thanks for your continued support!

Dave and Laura Polk

Electronic Newsletter

As with all organizations cost cutting is always on the table. One way we reduce our expenses is by eliminating the printed newsletter mailed 6 times a year at a cost of roughly \$1 per newsletter. I am sure some of us use it as a reminder to come to the meetings. People who don't have email, of course, continue to receive it. If you are willing to depend on email delivery, please inform our editor, **David Morris**, via email. Help keep club \$\$'s in the bank for club activities.

Members' Corner

Honey Bee News Items

Charles Walter has been scanning the news for honey bee items and has found interesting stories you might want to read. He shares these via the Yahoo email list; another reason to sign up to the BUMBA Yahoo group! Thank you Charles!

➤ Bees are about to become bigger business at Bayer CropScience

Bayer plans to open a 6,600 square foot North American Bee Care Center next July the Research Triangle Park, NC, "We understand the necessity for healthy bees as pollinators and their critical role to agriculture, and by working with scientists, growers, beekeepers and customers, we strive to create new approaches and solutions to benefit bee health and the global food supply," said Jim Blome, chief executive officer of Bayer CropScience North America. Read more at: <http://bit.ly/11DpW5t>

(Editor's note: In 2011, Bayer voluntarily removed almond trees from the label of their imidacloprid products. Imidacloprid has been blamed by many beekeepers for high rates of honey bee hive kills. dcm)

➤ Students learn about importance of bees through unique board game.

Fifteen fourth grade beekeepers recently worked hard to transform various habitats during the beta testing of the "Visualize World Bees" game at the Project Learn School in Mt. Airy, MD. Anais Salles, creator of the game and beekeeper, said the game educates players about the decline in habitat for bees. By answering questions when they landed on green spaces on the board, the students were able to exercise their understanding of bees, their life cycle and the plant world. Read more at: <http://bit.ly/U9Gahk>

➤ FDA: Bee Pollen Supplement Contains Undeclared Drug

The U.S. Food and Drug Administration (FDA) recently issued a consumer warning that the weight loss supplements "Classic Zi Xiu Tang Bee Pollen Capsules" and "Ultimate Formula Capsules" contain sibutramine, an appetite suppressant drug that was withdrawn from the market in 2010. Thus, Classic Zi Xiu Tang Bee Pollen Capsules and Ultimate Formula Capsules are considered unapproved drugs.

Sibutramine can raise blood pressure and heart rate, causing potential complications in individuals with heart disease, heart failure, arrhythmias or stroke and may also interact adversely with prescription drugs.

➤ Read more at: <http://bit.ly/Uyfx4e>

Pressed for a Christmas gift? Ask for a beekeeping book!

"The Hive-Making Manual. Beehive Construction in the Home Workshop"

Peter Sieling, 2012, 70 pages, Color and B&W, \$19.95 at www.makingbeehives.com

Peter Seiling is a regular contributor to "Bee Culture", as well as the owner of a specialty lumberyard in upstate New York, and, of course, a woodworker, beekeeper, and, as I mentioned, a writer. Put

those together and you have a book on making hives. The book is for anyone with a table saw to a full workshop, and a desire to make your own equipment.

"Top-Bar Hive Beekeeping: Wisdom & Pleasure Combined"

2012 by Wyatt A. Mangum, Ph.D., 424 pages 362 color and 24 infrared (B&W) photos, \$45 (plus \$7 shipping) at www.tbhsbywam.com

A regular columnist in "*The American Bee Journal*", Dr. Mangum provides 25 years of experience with top bar hives. But he is more than a TBH specialist; he is professor of mathematics with the heart of a bee scientist. He has made notable contributions about honey bee behavior using his research TBH apiaries. There is no better source for TBH practitioners, but, so much of honey bee behavior and science is indifferent to the box you raise them in, it also is valuable to the rest of the beekeeping community.

"Honey Bee Removal: A Step by Step Guide"

Cindy Bee and Bill Owens, 2010, 80 pages, \$19.95 (plus shipping) at www.beeculture.com

From Geoff MacLean, Maine State Beekeepers Assoc.

"...all one needs to know about removing honey bee colonies in a short but packed 79 pages of details, checklists and real-life experiences." "The text walks you through *everything*— from effectively communicating with your customer to gathering all the tools and equipment you'll need (including how to make your own very effective bee vacuum)." Read more:

<http://mainebeekeepers.org/the-bee-line/reviews/honey-bee-removal-a-step-by-step-guide-by-cindy-bee-and-bill-owens/#ixzz2EKxCGSjF>

Thanks from the Editor

Contributors make the newsletter

My role as Editor is to provide a medium to inform members of club activities and to support members sharing

their experiences. This has been a spectacular year for me, as the Editor, because so many articles were contributed by members. My thanks to all!

Lynn Thorson wrote an excellent series of articles on Top Bar Hive beekeeping. Even if you aren't a TBH beekeeper, you can appreciate the beekeeping knowledge acquired and shared in her articles.

First year beekeepers Cathi Gulyas and Kim Mehalick shared their experiences in the October newsletter and this month.

Experienced beekeepers Bob Cory and Leigh Walton provided articles sharing their experiences queens; Bob's spectacular queen and Leigh's queen rearing and laying worker articles.

Linda Thompson organized our many BUMBA Outreach events and her reports informed us of the many willing volunteers among the members

Of course, Bob Greenwell provided the regular President's column, filled with current information and management tips.

We hope all these contributions helped to make the newsletter informative and interesting.

Please be sure to send your membership renewal to **BUMBA** Treasurer, Jutta Dunaway.

Notice of your dues will either be on your label or in your email message

Every club needs a little money to keep it going. Although **BUMBA** is solvent, dues are needed to cover meeting room rental, speakers, refreshments and the newsletter. **BUMBA** has raised its annual dues to **\$15**. So we hope you'll remember to bring your cash or check to the next meeting. Jutta loves to find checks in the mailbox. Send your dues check to:

Mail \$15 to Jutta Dunaway, **BUMBA** Treas., 11814 GALAXY LANE, BOWIE, MD 20715

NAME: _____

ADDRESS: _____

CITY: _____ ST _____ ZIP _____

TELEPHONE: _____ EMAIL: _____

- Check if you are willing to help out with a club activity or program
- Check if you do not want your name and address published in a **BUMBA** member directory.

BUMBA Meeting Location – Watkins Park Nature Center

BUMBA annual dues are \$15. Our regular meetings are held on the 1st Thursday of the even months (except December) at the Watkins Park Nature Center, 301 Watkins Park Drive in Largo. From Route 301 or I-495 take Central Ave. (Rte 214) to the intersection with Enterprise Rd. (Rte 193). Turn south onto Watkins Park Dr. and go ½ mile to the park. Follow the road all the way to the back to the Nature Center. We thank the Nature Center Staff for their assistance. For information about the Nature Center, please call **301-218-6702**

Put these dates on your **2013 BUMBA** Calendar:

December 11, 2012, 6:00 PM, Holiday Party
 Feb. 7, 7:30 PM, BUMBA Meeting
 Feb. 14, 21 & 28, Beginning Beekeeping Class
 March 7, 14 & 21, Beginning Beekeeping Class
 April 4, 7:30 PM BUMBA Meeting & Elections

June 6, 7:30 PM BUMBA Meeting
 August 1, 7:30 PM, BUMBA Meeting
 October 3, 7:30 PM, BUMBA Meeting
 December 10, Tuesday, 6:00 PM, Holiday Party

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