

LORAIN COUNTY BEEKEEPERS ASSOCIATION



www.loraincountybeekeepers.org

NOTE FROM THE PRESIDENT: Denzil St. Clair

Merry Christmas everyone. It's another year into the history books. Weather has been great up to this point, let us hope it continues.

Colonies should at this point be winter ready. I have not seen a mite in my colonies at all this summer. I expect to see the results next spring with moderate winter losses.

Looking back to this spring, another observation would be the excessive amounts of rain in April through much of June. This caused honey production to be at best, moderate.

Next year QRC is planning a joint venture with LCBA to produce Varroa Sensitive Hygiene queens (VSH)

and if you would like to be a part of this program, please let me know. We do need help and are willing to work around your schedule. The success of this program will be contingent on the involvement and help we receive from others. QRC will purchase all needed equipment and inseminated queen or queens from Glenn Apiaries. We plan on having at least 25 colonies set-up. Someone will have to assemble all necessary equipment this winter and it would be best to share this responsibility among several individuals. Anyone interested should look at Glenn Apiaries web-site www.glenn-apiaries.com to see what queens interest

you. There will be more about this in the coming months.

You will find details for our Annual Christmas Potluck on page 3 of the newsletter.

See you at the Christmas pot-luck.



DECEMBER 2011
Volume 8, Issue 90

L.C.B.A. MISSION
STATEMENT:
TO PROMOTE
BEEKEEPING
THROUGH
EDUCATION,
COOPERATION, OR
ANY OTHER
EFFICIENT MEANS



DONATIONS TO LCBA TAX DEDUCTIBLE

Lorain County Beekeepers Association is a 501c(3) organization. Any donations made to LCBA are tax deductible.

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Find us on Face Book. Search for Lorain Beekeepers

2011 BUZZZZ CALENDAR

December 9 - Regular Meeting, elections /Christmas Pot Luck
 December 26 - Newsletter Deadline
 December 28 - Executive Meeting 7:00 P.M.

FIND US ON FACE BOOK - www.facebook.com/lorainbeekeepers

Note new e-mail address for president

NEWSLETTER DEADLINE

For submissions to THE BUZZZZ....
 For the JANUARY issue are due
NO LATER THAN DECEMBER 26.
Items not received before that date will go in the next months issue.
 Please send all articles, ads, and/or notes to:
 e-mail- buzzzzeditor@frontier.com
 Please **do not** include layout or extra characters, (bold, italics, indents, etc.) as they may be removed during editing process.

All submissions are subject to approval.

LCBA Executive Meeting is held the last Wednesday of every month unless holidays change the schedule.
 The meetings are held at the Henrietta Township Hall on Vermilion Rd. in Oberlin at 7:00 p.m.
 We encourage members to attend.

LOCATION & MEMBERSHIP INFORMATION

LCBA meetings are held the second Friday of each month at 7:00 P.M.
The First Church
(United Church of Christ)
106 N. Main St. Oberlin, OH

Membership dues are **\$25.00 if you receive by mail**, **\$20.00 per year if you receive by e-mail**. Those receiving by e-mail can pick up a hard copy at the meeting. Membership includes all immediate family members. Memberships run per calendar year, January to December. Membership expiration date is December 31st of each year for mail or e-mail. You can renew your membership on the web site www.loraincountybeekeepers.com with Pay Pal or

Send dues to the Treasurer:
Dave Williams
11923 Green Rd. Wakeman, OH 44889

EDITOR'S NOTE:
 If you have moved or your e-mail changes, please notify Dave at a meeting or by e-mail, dogpatch@centurytel.net
 You must keep information & membership dues current to receive your newsletter in a timely manner.
 Check LCBA web site for meeting changes or cancellations due to bad weather.

<i>L.C.B.A. 2011 EXECUTIVE OFFICERS</i>	<i>PHONE</i>	<i>E-MAIL</i>
President: Denzil St. Clair	(440) 647-2602	qrcltd@zoominternet.net
Vice Pres: Bill Vittori	(440) 323-4942	billv99@prodigy.net
Secretary: Marty Buck	()	mbuck@oberlin.net
Treasurer: Dave Williams	(440) 965-4170	dogpatch@centurytel.net
Trustee: Valerie Weiss	(419) 929-1110	buzzzzeditor@frontier.com
Trustee: John Schick	(419) 668-8947	schick13@accnorwalk.com
Trustee: Walt Seamon	(440) 282-4145	multipan@centurytel.com
BUZZZZ Editor: Valerie Weiss	(419) 929-1110	buzzzzeditor@frontier.com
Video Librarian: Bill Vittori	(440) 323-4942	billv99@prodigy.net
Web Master: Jim Toole	(440) 986-2589	legend31@centurytel.net
State Apiary Inspector - Barbara Bloetscher	(614) 728-6373	apiary@agri.ohio.gov
Lorain County Inspector - Jim Toole	(440) 320-8659	legend31@centurytel.net

CHRISTMAS POT LUCK

Can you believe we are talking Christmas already? Seems we just said package bees are in and now we are talking make sure they are winter ready. The year has flown by.

We've been having an LCBA Christmas Potluck for as long as I can remember so we're keeping the tradition going again this year. Last year Sheila brought Reindeer antlers and Santa hats and passed them around to make it fun. She also had a word scramble game. I never did get the one I had picked, but people kept coming and asking her for hints because they really wanted to figure out the word they had chosen. Some were really tough ones. You may see a game like that again this year.

So here is the scoop for the evening. We each bring a covered dish and also dessert or Christmas cookies if possible. The covered dish needs to be all inclusive. Example: if you bring Sloppy Joe's, bring the buns. Something with a meat in it is good, like scalloped potatoes with ham, Kielbasa and Sauer Kraut, etc. Some dishes don't need a meat, they are great just like they are. These are just examples.

LCBA will provide tableware and drinks.

We are doing the White Elephant gift exchange again this year too. Bring a wrapped gift and take a wrapped gift. You can do gender neutral or bring a gift for a male or female and take back

one of the same gender. Last year Chantal DeYoe provided us with a wonderful game to do the exchange with. She will be doing that again this year. It was fun.

So join us on Friday, December 9th, at our regular meeting for some holiday mingling and fun.



Merry Christmas

DR. TAMMY HORN

Dr. Tammy Horn had her new book, "Beeconomy: What Women and Bees Can Teach Us about Local Trade and the Global Market," available at the



Photo by Valerie Weiss

November meeting. She said the Oberlin Bookstore was able to get a shipment of them quicker than she was. They delivered them and then stayed to help with selling them to members.

Dr. Horn talked about several important women in other countries who have played a big part in women in beekeeping. I haven't been able to find my notes from the meeting where she spoke, but her book is available to purchase. She signed several copies of it that evening for members.



As always, 365 days a year, please keep our men and women in the Military and their families in your thoughts and prayers. While we are enjoying time with our families, their families are without them.

If you see or know someone who has served or is currently serving, take a minute to say thank you.

Lorain County Beekeepers Association thanks them.

Shock finding: More than 75 percent of all 'honey' sold in grocery stores contains no honey at all, by definition

by Ethan A. Huff, staff writer
(NaturalNews)

Just because those cute little bear-shaped bottles at the grocery store say "honey" on them does not necessarily mean that they actually contain honey. A comprehensive investigation conducted by *Food Safety News* (FSN) has found that the vast majority of so-called honey products sold at grocery stores, big box stores, drug stores, and restaurants do not contain any pollen, which means they are not real honey. For the investigation, Vaughn Bryant, one of the nation's leading melissopalynologists, or experts in identifying pollen in honey, and director of the Palynology Research Laboratory at Texas A&M University, evaluated more than 60 products labeled as "honey" that had been purchased by FSN from ten states and the District of Columbia.

Bryant found that 76 percent of "honey" samples purchased from major grocery store chains like Kroger and Safeway, and 77 percent of samples purchased from big box chains like Sam's Club and Wal-Mart, did not contain any pollen. Even worse were "honey" samples taken from drug stores like Walgreens and CVS, and fast food restaurants like McDonald's and KFC,

100 percent of which were found to contain not a trace of pollen.

The full FSN report with a list of all the pollen-less "honey" brands can be accessed here:

<http://www.foodsafetynews.com/2011/...>

So what is all this phony honey made of? It is difficult to say for sure, as pollen is the key to verifying that honey is real. According to FSN, much of this impostor honey is more likely being secretly imported from China, and may even be contaminated with antibiotic drugs and other foreign materials.

Most conventional honey products have been illegally ultra-filtered to hide their true nature

According to FSN, the lack of pollen in most conventional "honey" products is due to these products having been ultra-filtered. This means that they have been intensely heated, forced through extremely tiny filters, and potentially even watered down or adulterated in some way prior to hitting store shelves.

The US Food and Drug Administration (FDA) holds the position that any so-called honey products that have been ultra-filtered are not actually honey. But the agency refuses to do anything to stop

this influx of illegitimate "honey" from flooding the North American market. It also continues to stonewall all petitions to establish a national regulatory standard for verifying the integrity of honey. **Ultra-filtering eliminates and destroys all medicinal properties of honey** Assuming that there is any real honey at all in the phony honey products tested by FSN, the removal of pollen and other delicate materials via ultra-filtering renders them medicinally dead. Raw honey is a health-promoting food that can help alleviate stomach problems, anemia, allergies, and other health conditions. Ultra-filtered honey is nothing more than a health-destroying processed sugar in the same vein as white table sugar or high fructose corn syrup. The good news is that all of the honey products FSN tested from farmers markets, food cooperatives, and "natural" stores like Trader Joe's and Whole Foods, were found to contain pollen and a full array of antioxidants and other nutrients. Local beekeepers are another great source of obtaining raw, unprocessed, real honey.

Scientists Discover How to Design Drugs That Could Target Particular Nerve Cells

[Health Canal](#), 11/10/2011

The future of drug design lies in developing therapies that can target specific cellular processes without causing adverse reactions in other areas of the nervous system.

Scientists at the Universities of Bristol and Liège in Belgium have discovered how to design drugs to target specific areas of the brain.

The research, led by Professor Neil Marrion at Bristol's School of Physiology and Pharmacology and [published](#) in this week's Proceedings of National Academy of Sciences USA (PNAS), will enable the design of more effective drug compounds to enhance nerve activity in specific nerves...

The researchers have been using a natu-

ral toxin found in **bee venom**, called apamin, known for its ability to block different types of SK channel. SK channels enable a flow of potassium ions in and out of nerve cells that controls activity. The researchers have taken advantage of apamin being able to block one subtype of SK channel better than the others, to identify how three subtype SK channels [SK1-3] can be selectively blocked.

Neil Marrion, Professor of Neuroscience at the University, said: "The problem with developing drugs to target cellular processes has been that many cell types distributed throughout the body might all have the same ion channels. SK channels are also distributed throughout the brain, but it is becoming obvious that these channels might be made of more than one type of

SK channel subunit. It is likely that different nerves have SK channels made from different subunits. This would mean that developing a drug to block a channel made of only one SK channel protein will not be therapeutically useful, but knowing that the channels are comprised of multiple SK subunits will be the key."

The study's findings have identified how SK channels are blocked by apamin and other ligands. Importantly, it shows how channels are folded to allow a drug to bind. This will enable drugs to be designed to block those SK channels that are made of more than one type of SK channel subunit, to target the symptoms of dementia and depression more effectively...

City Bees Newly Discovered, Yet Here All Along

By **ERIK OLSEN** NY Times City Room

New York City has a bee to call its own.

Four new species of bee have been identified in the New York region, and one of them, discovered in the Brooklyn Botanic Garden, has been given the mellifluous yet gritty name *Lasioglossum gotham*. A bee researcher at the American Museum of Natural History, [John Ascher](#), found it in 2009 as part of a broad, ongoing bee biology survey in parks and forested areas in New York City.

Lasioglossum gotham — none of the species has a nonscientific name yet — is about the size of a grain of rice and lives in compact underground nests.

“Discovered” may be a misleading term. *L. gotham* and the rest have been buzzing around under the radar for years, observed in the city but confused with other species until new techniques became available to distinguish them.

“Even until very recently, they’ve been impossible to identify because they’re so small and they all look very similar,” Dr. Ascher said.

The other newly classified bee first spotted in New York City, *Lasioglossum katherinae*, has been sitting dead in a drawer at the museum since 1903 after being collected in Flatbush by the Rev. Jeremiah Lott Zabriskie, a legendary Brooklyn entomologist. Dr. Ascher said the bee could still be found in the region.

The other species were found in Westchester, Suffolk and Nassau Counties.

New identification techniques like DNA bar coding and digital imaging have allowed researchers to distinguish new species from others that they resemble closely.

Dr. Ascher, who lives a block from Prospect Park, spends most of his free weekends roaming the park’s forested hills with a digital camera and a small net to

catch bees. When he found the new bee in the botanic garden, he said he was unable to match it perfectly with existing species.

“I knew that I didn’t know it,” he said. “I literally couldn’t put a name on it.”

He sent the bee to [Jason Gibbs](#), a Cornell University postdoctoral researcher, for further analysis. Dr. Gibbs, who described the four New York City area species as well as seven others found in the Eastern United States, published the new descriptions on Oct. 28 in the journal *Zootaxa* ([see monograph](#) – pdf). Like *L. gotham*, most had been observed but not properly identified.

All the bees described by Dr. Gibbs are sweat bees, which get some of their nourishment from lapping sweat off the bodies of humans and other animals, though they primarily feed on pollen and nectar from flowers.

Dr. Gibbs said the bees serve a vital function as pollinators and that understanding them better can help answer larger questions that can improve the management of parks and the protection of local ecosystems.

“Bees are vitally important insects that we need for the pollination services they provide, but in many cases, we still have a tenuous grasp of our own natural fauna and their role in the broader ecosystem,” Dr. Gibbs said.

Finding new species in the city is unusual, but it is more common with small insects than, say, vertebrates like birds or mammals. A new species of centipede called *Nannarrup hoffmani* was [found in Central Park](#) in 2002, and a cockroach

thought to be new to science was found by two high school students in [an apartment on the West Side](#) in 2009.

It turns out that New York City is relatively rich in bees. More than 200 species of bee call the city home. This surprisingly robust biodiversity, Dr. Ascher said, is attributable in part to the city’s number of large parks and other ecologically rich areas like Jamaica Bay.

With the rapid and seemingly unstoppable [decline in honeybees](#) making headlines these days, the discovery of new bee species comes as a bit of welcome news. Dr. Gibbs said the discoveries highlight the vast opportunities to continue to discover all types of species using the new techniques.

“This study is really the tip of the iceberg,” he said. “If you consider that we are still finding species around one of the most well-studied metropolitan areas in North America, the prospect of finding new species in other parts of the country or other parts of the globe is just enormous.”



Jason Gibbs, Cornell University
The Brooklyn native *Lasioglossum gotham* is the size of a grain of rice.
The gotham bee nests underground.

Thank you to Gary Standen for the post of the stories on Face Book. They are on page four. He has posted some good info on Face Book. Also thank you to Mary Sobczak for the above story sent by e-mail. Sometimes gets tough to fill the pages, especially during the holidays and busy times.

Don’t forget if you have an interesting story to send it to me. I’ve received some that I haven’t been able to copy and paste. May be protected. Thanks to those that do send though. Greatly appreciated.

Celebrities' Favourite 'Poison' Available on the High Street

By Tamara Cohen, [Daily Mail](#) (UK), 11/26/2011

Being stung by a bee to make you look younger?

It may not sound appealing, but the poison is being hailed as miracle anti-ageing treatment.

Scientists have discovered it can boost collagen - which gives skin its youthful elasticity and make it less susceptible to sun damage.

Face masks containing bee venom have been a celebrity fad for years available only in salons and spas.

Now the first skincare range containing it is to hit the high street after 12 years of research.

The new range has been devised by Korean scientist Dr Sang Mi Han for the New Zea-

land beauty company Manuka Doctor which will be stocked at Holland & Barrett shops from Monday.

The company claim it is 'the next best alternative to botox - in a jar.'

It was revealed last year that Camilla, the Duchess of Cornwall had a £55 bee venom facial treatment at a salon, and Dannii Minogue is also said to be a fan.

Previously only available as an exclusive salon treatment, the new range of five products starts at £16.99 for the facial moisturiser and foaming cleanser, £18.99 for skin treatment serum, £24.99 for repairing skin cream, and £49.99 for a rejuvenating face mask.

The products are said to have a 'gentle tingling' effect on the skin. They apparently fool the body into thinking it has been stung, which

causes it to direct blood towards the affected area and stimulates the production of the naturally-occurring chemicals collagen and elastin which keep the skin taut. Dr Han, a researcher at South Korea's National Academy of Agricultural Sciences, has published research suggesting it may also boost the number of cells called keratinocytes which act as a barrier against environmental factors such as bacteria, water loss and sun damage...

Bee venom has been used in medical applications since ancient times. It also contains a protein called Apamin which relaxes the muscles and is used in an arthritis treatment called apitherapy, and to relieve the symptoms of muscular dystrophy and multiple sclerosis.

October Exec Minutes

The exec meeting was held in October at the Henrietta Township Hall.

Executive members present: Denzil St. Clair, Bill Vittori, Dave Williams, Jim Toole, John Schick, Martin Buck, Valerie Weiss, Walter Seamon.

Members present: Sheila St. Clair, Bruce Sampsell.

A decision was made to present scholarships. Dave Williams was assigned this task.

There was a discussion about LCBA officers. The current Treasurer, Secretary, and Vice

-President are willing to seek office for the upcoming term. We will be seeking someone to serve as President at the November meeting.

Dave Williams reported a profit of \$285 at the Birmingham event in October.

After much discussion, it was agreed to hold Field Day on June 2nd. Beginner's classes will run from March 2nd



to March 23rd. The Field Day audience will, primarily be beginners and have a local emphasis. There will be no publicity and a focus will be on the questionnaire currently being circulated.

The Christmas Party was discussed. It will be December 9th and feature a potluck dinner with a gift exchange, entertainment, and fun activities.

Denzil is looking for speakers for January and February.

Minutes submitted by Martin Buck

TREASURERS REPORT

Income/Expense by Category - YTD

1/1/2011 through 11/24/2011 (Cash Basis)

INCOME

- Uncategorized 4.00
- Auction 594.50
- Class Books 225.00
- Classes 1,350.00
- County Fair Display Win 100.00
- Donations 1,186.60
- Membership 1,880.38
- Miscellaneous 121.90
- Raffles 934.50
- Sales 15,433.00
- Sales LCBA Honey 36.00

TOTAL INCOME 21,865.88

EXPENSES

- Bad Check Return 5.00
- County Fair Honey Sticks 1,915.50
- Events 3,781.38
- FICA 45.00
- Food 298.28
- Honey Sales 7,909.22
- Honey Sales-Birmingham 499.20
- Insurance 500.00
- Meeting Hall 100.00
- Memorial Contribution 75.00
- Newsletter 1,796.39
- Overpayment-return 50.00
- PayPal Fees -0.28
- Postage 184.80
- Poster Sale 0.00
- Prizes 250.00
- Scholarship 447.55
- Speakers 1,400.40
- Supplies 438.93
- Web Site 102.50

TOTAL EXPENSES 19,798.87

OVERALL TOTAL 2,067.01

Account Balances - As of 11/24/2011

Bank Accounts

- Lorain National Savings 23,396.87
- New Lorain National Checking 6,164.67
- TOTAL Bank Accounts 29,561.54**

Cash Accounts

- PayPal 19.26
- Petty Cash Fund 111.60
- TOTAL Cash Accounts 130.86**

OVERALL TOTAL 29,692.40

Liability Accounts

- LCBA Building Fund -9,734.52
- TOTAL Liability Accounts -9,734.52**

OVERALL TOTAL -9,734.52

Submitted by: Dave Williams



Bonnie Pierson's grand-daughter's Mary and Olivia are learning how to uncap honey. A big help to grandma I'm sure.

Above photo submitted by Bonnie Pierson



Bonnie Pierson does our "what you should be doing now" each month at the LCBA meetings. Mouse guards was her topic this month. Bonnie shows some galvanized wire cut to size of bottom board opening that she bends and shoves in the front entrance if I understood her correctly. She said they are still able to clean out dead bees and move freely but mice can't get in.

Bonnie's photo, Valerie Weiss



L.C.B.A. Membership Form

PRINT LEGIBLY & CLEARLY

Date _____

Name _____ Phone _____

Address _____ City _____ State _____ Zip _____

E-Mail _____

LCBA c/o
Dave Williams
11923 Green Rd.
Wakeman OH 44889

Enclosed is \$25.00 for each year membership desired if receiving by mail, or \$20.00 if receiving by e-mail. You must include your e-mail above if you pay the \$20.00 amount or you won't be able to receive your newsletter.

Payment enclosed \$ _____ check / money order (circle one), payable to Lorain County Beekeepers Association or LCBA. Send to address in block. Membership can also be done on the web site through Pay Pal.

www.loraincountybeekeepers.org

The above person/family has applied for membership in the Lorain County Beekeepers Association. The adult members of the applicant family 18 yrs. Or older are requested to take part in the annual association election of officers as to conduct the regular business of the association. Youth members are welcome to join in on all other association activities. Memberships run on a calendar year basis (January 1 to December 31)

The above person acknowledges that their contact information will be added to the membership list. This list is a controlled item and will be used only for L.C.B.A. business and will not be used for any other purpose.

Lorain County Beekeepers Association
c/o Weiss
6080 Section Line Rd. 21
New London OH 44851-9483