



Bee Biz

Monthly Newsletter of the Coweta Beekeepers

Saving the World, One Bee at a Time
April 2011 Newsletter
President Jerry Edwards

While collecting thoughts and viewing websites relating to issues facing beekeepers in the Spring, I discovered this at the Beekeeping for Dummies site. Rather than reinvent the wheel, I copied this directly for you as the information is very apropos.

Important date: Fayetteville Planning Commission; Thursday the 7th, at 7:00 pm.

Spring Beekeeping Inspection

By [Howland Blackiston](#)

Part of the [Beekeeping For Dummies Cheat Sheet](#)

Spring is a busy time for bees and beekeepers. Your spring beekeeping inspection is the first of the season. It's time to start bee colonies or bring your colonies "back to life."

Here's your spring inspection chores list:

As winter crawls to an end, pick the first mild sunny day with little or no wind to inspect your bees (50 degrees Fahrenheit or warmer).

Observe the hive entrance. Are many dead bees around the entrance? A few dead bees are normal, but finding more casualties than that may indicate a problem.

Is there *brown spotting* on the hive? These are bee feces, which indicate the presence of nosema disease. Even if you don't see the brown spotting, your first spring inspection is time to medicate your bees with Fumigilin-B (antibiotic) by adding it

to the first two gallons of sugar syrup you feed them.
Lightly smoke and open the hive. Do you see the cluster of bees? Can you *hear* the cluster?
Remove a frame or two from the center of the top deep-hive body. Do you see any brood? Look for eggs (eggs mean you have a queen). If you see no eggs or brood, consider ordering a new queen from your supplier.
Does the colony have honey? If not, or if they're getting low, immediately begin feeding syrup to the bees.
Feed your colony a pollen substitute to boost brood production.
Use a screened bottom board or the sugar roll method to determine Varroa mite population. Medicate if needed.
Place a packet of menthol crystals on top of the brood nest to control tracheal mites. Putting this on a small sheet of aluminum foil will prevent the bees from covering the packet with propolis.
Dust the frame's top bars with a mixture of Terramycin (antibiotic) and powdered sugar to prevent foulbrood.
Reverse the deep hive bodies to better distribute the brood pattern. Use this opportunity to clean the bottom board.
Later in the spring, add a queen excluder and honey supers (all medication must be off the hive at this time).

Read more: <http://www.dummies.com/how-to/content/spring-beekeeping-inspection.html#ixzz1ITAJvXCV>

Meeting

Our next meeting will start at 7:00 pm at the Asa Powell Expo Building. Meeting date is April 11, 2011. Refreshments are being provided by Steve Page and Jennifer Stewart. **Drinks and ice will be supplied by the club!!**

2011 Dues

Dues are due now!! Don't miss out on a great club and this newsletter!! Our membership list was purged at the end of March. Thank you for taking interest in your club. You can pay your 2011 dues to Mike Copeland either at our meeting or by mail to P.O. Box 159, Luthersville, Ga 30251. Dues are for the 2011 calendar year starting January 1st thru December 31st, and they are still \$15.00 per family. If you would like to receive your newsletter through e-mail please inform Donna, and give her your e-mail address. Dues are used in the following manner: for the postage of this newsletter, supplies for our meeting, the annual picnic and the Christmas party.

Up coming Events

Coweta Board Meeting: Friday the 8th 6:30. The UGA honey bee program offers the annual Beekeeping Institute in cooperation with Young Harris College.

Newsletter #69
Lee Euler, Editor



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Bee venom is a cancer killer if we can harness its power

Have you heard the 'buzz' in the medical community about new research on the health benefits of bee venom?

You probably know bee stings can be painful—and even deadly for folks who are allergic.

But scientists from Washington University in St. Louis have shown that making a minor change to a bee venom protein changes it from a toxic killer to a potential cancer treatment!

Continued below...

There Is a Safe, Simple Cure for Chronic Pain

Yes, it's true... there is a cure for most forms of joint pain! In fact, this proven cure — known for more than 60 years — can cure up to 80% of those who suffer from some form of musculoskeletal pain, including arthritis, knee pain, degenerated disc pain, sports injuries, even migraines, TMJ syndrome, fibromyalgia... and a host of other health problems that bring unimaginable suffering!

Why don't mainstream doctors know about it? Simple! They don't want to know

about it. Drugs and surgery are always more profitable. Yet this simple, safe and proven cure can bring 100% relief to chronic pain sufferers by the thousands!

One former U.S. Surgeon General — whose name you may very well recognize — *did* know about this remarkable therapy and used it himself for a complete cure.

[Click here](#) to find out who he is and what he has to say about this therapy, and for more information that can truly change your life or the life of someone you love.

[Cure for Chronic Pain](#)

Scientists around the globe have worked for years to make bee venom into a safe cancer treatment, with limited success. It's been a sort of Holy Grail.

They knew about bee venom's anti-tumor potential. In fact, it's already being used to treat some other diseases. It's effective for treating bursitis and both types of arthritis, as I'll explain in a moment. But scientists shied away from using it as a cancer drug because — when used in large quantities -- bee venom also attacks red blood cells and other healthy cells in your body.

However, new studies conducted by Washington University researchers seem to be a game changer...

According to research published in the August 2010 print issue of the *FASEB Journal*, researchers used the modified protein called **melittin** to shrink or slow the growth of tumors in mice. Melittin is the "active ingredient" in bee pollen.

Not only could their findings revolutionize cancer treatments—but they could prove to be a promising remedy for arthritis, cardiovascular disease, multiple sclerosis, and many other health concerns!

Lab results show cancer cells can't survive the sting!

Samuel Wickline, PhD and colleagues used nanotechnology to attach the melittin to microscopic, synthetically manufactured spheres called nanoparticles. Nanotechnology operates at the atomic level, building things atom by atom. It's very cutting edge stuff.

In this application of nanotechnology, the resulting particles are appropriately called **nanobees**, which the scientists began injecting into lab mice in 2007.

They injected nanobees in a few dozen lab mice with three kinds of tumors:

1. A mouse form of skin cancer;
2. A type of human breast cancer transplanted into the mice; and
3. Precancerous lesions caused by human papillomavirus, which can lead to cervical cancer in humans.

The researchers observed that when the nanobees reached a cancerous tumor, they launched an all-out attack. But scientists were delighted to find that the nanobees ONLY targeted cancer cells—unlike traditional cancer treatments such as chemotherapy that can destroy both cancerous and healthy cells.

After two weeks of treatment, scientists compared the group of animals receiving nanobees with control groups that received either saline injections or nanoparticles without melittin. The results?

Apparently, the nanobees:

- Slowed the breast cancer tumor growth,
- Shrank the melanoma tumors, and
- Reduced the precancerous lesions

The researchers said the mellitin injected into the mice would have been lethal if it had been injected on its own. That amount of free melittin would kill a mouse by destroying its red blood cells.

But Wickline's team discovered that the melittin detached itself from the nanoparticles and went directly into the cell—without entering the bloodstream. The researchers observed that nanobees in the mice experiments seemed to induce apoptosis, or natural self-destruction, in cancer cells.

This is preferable to necrosis, or cell death from external factors such as chemotherapy, infections or trauma. This is because necrosis can damage other parts of the body while eliminating cancer cells.

But the health benefits of bee venom go beyond its ability to cause cancer cell explosions!

The use of honeybee venom for therapeutic purposes is called apitherapy. According to the American Apitherapy Society (APS), their discipline includes not only bee venom, but all hive products such as beebread... beeswax... honey... pollen... propolis... and royal jelly.

of these products can be traced back to ancient China, Egypt and Greece. Today, thousands of medical professionals and other health practitioners use apitherapy throughout the world.

Glory 'bee'! Who knew bee venom is also a natural inflammation fighter?

In addition to causing cancer cells to explode, bee venom also stimulates your adrenal glands to produce cortisol. This natural hormone has anti-inflammatory properties.

This could be helpful to folks who suffer from painful joint inflammation and related conditions such as bursitis, chronic fatigue syndrome, fibromyalgia, osteoarthritis and rheumatoid arthritis.

And bee venom soothes inflammation without producing any nasty side effects associated with hydrocortisone creams. These topical creams have been linked to severe allergic reactions such as hives, difficulty breathing, and tightness in the chest.

They've also been known to cause bleeding, burning, mental or mood changes and fevers. Sounds like a 'cure' *far worse* than the condition it's meant to treat!

In addition to being a safe and effective anti-inflammatory agent, bee venom also helps kick your immune system into overdrive. It also jump starts production of endorphins—which are like your body's natural pain killers.

And that's not all... Bee venom also has antiviral and antibacterial properties that are essential for fighting infections in your body.

In spite of all the health benefits, I have to caution you against trying to self-medicate with bee stings!

The APS website said bee venom therapy should be administered by properly trained therapists via injections or in the form of a direct bee sting. And treatment should always be preceded by an allergy test to determine how a person will react to bee venom.

Typically, bee venom treatments are given twice a week on average, and patients usually report improvement within two to three treatments.

So whether or not you choose this ancient therapy as a cancer treatment, at least you know that enduring the sting could actually trigger some powerful internal healing!

Kindest regards,



Chewy Peanut Butter Chocolate Chip Cookies

Ingredients

1/2 cup butter, softened
1/2 cup peanut butter
1 cup packed brown sugar
1/2 cup white sugar
2 eggs
2 tablespoons Honey
2 tablespoons water
2 teaspoons vanilla extract
2 1/2 cups all-purpose flour
1 teaspoon baking soda
1/2 teaspoon salt
2 cups chocolate chips

Directions

1. Preheat oven to 375 degrees.
2. In a large bowl, cream together the butter, peanut butter, brown sugar, and white sugar until smooth. Beat in the eggs one at a time, then stir in the honey, water, and vanilla.
3. Combine the flour, baking soda, and salt; stir into the peanut butter mixture.
4. Fold in chocolate chips.
5. Drop by 1/4 cupfuls 3 inches apart onto un-greased baking sheets.
6. Bake for 12 to 14 minutes in the preheated oven, or until edges are golden. Allow cookies to cool for 1 minute on the cookie sheet before removing to wire racks to cool completely.

Submitted by: Sheri Hawkins

