

North Carolina Bee Buzz



Official Newsletter of the North Carolina State Beekeepers Association Volume 40, Number 3 Autumn 2015

The President's Message Rick Coor
















From Your President...

Our summer meeting at Lake Junaluska was an enjoyable event for all who attended. With 462 registered attendees, vendors and others, there were over 500

people in attendance. The Master Beekeeper Program tested 68 persons on the journeyman and master levels and eight people were awarded their Master Beekeeper Medallions, with Danny Jaynes earning his Master Craftsman.

The Neuse Regional Beekeepers and Stanley County Beekeepers were GAP chapters with Neuse Regional Beekeepers receiving the top recognition. The Haywood County Beekeepers did a great job hosting the event and their efforts were well appreciated. Good job to everyone who participated in the contests and congratulations to all of those who received ribbons.

Look Inside!

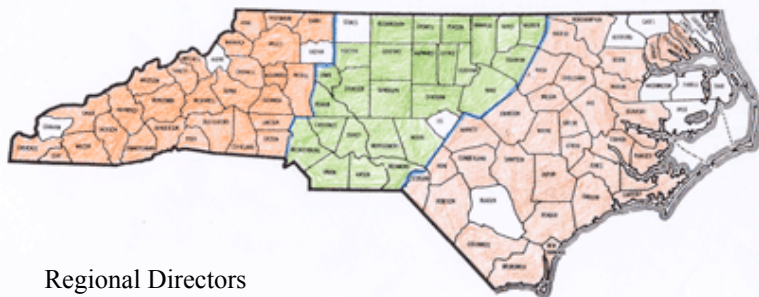
-  A Honey of a Find (page 26)
-  Advertising Schedule (page 4)
-  Beekeepers Need to be Educators (page 11)
-  Congratulations Danny Jaynes (page 21)
-  Foods Cooked with Honey Contest Winners (page 6)
-  Master Beekeeper Testing, Coming this Fall to Your Region (page 8)
-  Master Beekeeper Update (page 9)
-  NC's Bee Aware Team Going Places! (page 12)
-  Paul Newbold Named Person of the Year (page 21)
-  See You in New Bern this Spring! (page 19)
-  Thanks for the GAP! (page 10)
-  Townes: Beekeepers Need Analysis, Standards to Capitalize on Quality (page 14)
-  2015 Permits to Sell Bees (page 24)

North Carolina
State Beekeepers Association
329 Laurel Street
Mount Airy NC 27030-2911

North Carolina State Beekeepers Association

The mission of NCSBA is to advance beekeeping in North Carolina through improved communication with members, improved education about beekeeping, and support of science enhancing the knowledge of beekeeping.

President: Rick Coor
1st Vice President: Paul Madren
2nd Vice President: Susan Fariss
Secretary: Libby Mack
Treasurer: Wade Lucas
Membership Secretary: Carl Caudle
Education Coordinator: Dr. David R. Tarpy



Regional Directors

Mountain Region
Senior: Allen Blanton
Junior: Doug Vinson
Sophomore: Eugene Brown
Freshman: Burton Beasley

Piedmont Region
Senior: Tim Hoffman
Junior: Todd Walker
Sophomore: Kim Underhill
Freshman: Gladys Hutson

Coastal Region
Senior: David Bridgers
Junior: Lawrence Crane
Sophomore: Jeff Stone
Freshman: Cheryl Newbold

Contact information for the NCSBA Officers and Regional Directors can be found in your Yellow Book Directory and on the NCSBA website, www.ncbeekeepers.org.

From the *Bee Buzz* Editors:

Please send subscription questions and address changes to Laurie Shaw at lshaw@tyler-carter.com.

We enthusiastically accept article contributions. Tell us about your local association's latest events, your latest successes/failures, or anything else you'd like the NCSBA members to know. If your submission is not printed immediately, please do not resubmit the same article. We save all submissions and will print when appropriate or when space permits. We maintain the right not to print articles that we deem inflammatory or otherwise inappropriate.

Submit your article in **.doc, .odt or .pages format**. Photos should be high quality **jpg or tiff format**. Please include a caption for photos. Do not imbed captions in your photos or photos into your news article, but submit these as separate files. (This does not apply to advertisements, which must be **print-ready jpg, jpeg or .tiff** files. **We can not accept pdf files**. If you do not have access to a computer, we will accept typed or clearly handwritten articles. You can reach us here:

NCBeeBuzz@yadtel.net

or

North Carolina Bee Buzz
Gregory and Susan Fariss
142 Cemetery Road
Mocksville, NC 27028

The two-day work shop format afforded everyone the opportunity to experience four workshops and most everyone did. We plan to implement the same workshop format in the spring when we will convene at the New Bern Convention Center, February 25,26,27.

Going forward for the NCSBA, a major collective effort awaits our organization with

the restructuring and operating of our website, ncbeekeepers.org. Since the new site was launched in 2013, it has been operated by at most four individuals and has yet to approach it's full potential. The recent efforts of myself, Publicity Committee Chairperson Sandy Carlson and our Webmaster Jim Wright have been productive in updating and managing the content, but what we have

realized as a result our efforts is, perhaps, more important than what we have accomplished. It has become obvious to all parties that there is a huge potential for our organization through our website that can better be realized by the efforts of our association as a whole.

Our chapters are being asked to initiate an ongoing effort in order to contribute content to the website. The first step has been to establish and maintain an accurate, therefore effective communication link between the leadership and the NCSBA's seventy-five chapters in the form of an updated email list, a contact person for each chapter and correct chapter information for our website. To the credit of our Membership Coordinator, Laurie Shaw and our Yellow Book committee member and Membership Secretary-Elect, Suzy Spencer, we now have a chapter email list that can be considered reliable and up to date.

(Continued page 4)

NC BEE BUZZ and NC eBUZZ DEADLINES

You asked for it, now here it is!

Until further notice, you can count on these deadlines for submissions to the NC Bee Buzz and NC eBuzz:

- January 2
- April 2
- July 20
- October 2

Newsletters will be available approximately five to six weeks after the deadline, as it takes the printer four to six weeks to print and mail them.

Want your newsletter sooner? The eBuzz is on the website the day the paper version goes to the printer!

NCSBA SPRING MEETING FEBRUARY 25-27, 2015 NEW BERN, NC



**PLANS ARE UNDERWAY FOR
NEW BERN - THIS IS A
MEETING YOU DON'T WANT TO
MISS! (See page 19)**

The challenge going forward falls to our chapter leaders who will be asked to designate a contact person to regularly update their respective chapter's officers and chapter information. This is a process that sounds simple and should be simple but thus far has proven to be quite difficult. New procedures will be communicated to help make this happen in the future, in order to keep the flow of our information moving in both directions.

As for content of our website, we should consider that the honey bee, being the most studied organism other than human beings, is the subject of tens of thousands of publications, numerous university entomology departmental research projects, centuries of books, government agency laboratories, private industry research, cultural folk lore... you name it; the field of information is vast. The NCSBA, structured

as it is and it has been, would be challenged to operate a relevant informational website that would present content that has not already been presented over and over by others.

While the NCSBA, such as it is, will never have the expertise of a major university's entomology department, a governmental laboratory or industrial research team, the aforementioned groups are just as unlikely to ever have the expertise of the NCSBA; that is, we are experts at promoting and teaching beekeeping.

The NCSBA boasts over four thousand members who belong to seventy-five chapters. A majority of our chapters hold annual bee schools with great success. Our clubs offer programs and speakers on a monthly basis and many of them have active bee yards where they demonstrate beekeeping skills.

Advertisement Schedule for NC Bee Buzz/eBuzz and Yellow Book

NC Bee Buzz: Full page (four annual issues **of the same ad**) \$400.00

Full page (single issue) \$125.00

Half page (four annual issues **of the same ad**) \$200.00

Half page (single issue) \$62.00

Yellow Book: Full page (single issue) \$75.00

Half page (single issue) \$40.00

Purchase ads by contacting NCSBA Ad Manager Jim Harvey at

jh3d745h@yahoo.com or 336-352-5514.

Submit NC Bee Buzz/eBuzz ads in JPG or TIFF format to Susan Fariss at NCBeeBuzz@yadtel.net and Yellow Book ads also in JPG format to Suzy

Spencer at ncsba.yb.editor@gmail.com

The NC Bee Buzz/eBuzz is issued four times a year.

Each NC Bee Buzz/eBuzz page is 6 1/2 x 9.

The Yellow Book is issued annually.

Each Yellow Book page is 4 1/2 x 7 1/2.

Our Master Beekeeper Program has thousands of participants and hundreds of people are tested and certified each year. Our permanent exhibit at the NC Zoo has been visited by well over a million people and is successfully staffed each year by NCSBA volunteers. Our honey bee exhibits and honey sales at the NC State Fair continue with their popularity and serve to showcase the quality and goodness of our North Carolina honey.

With our spring and summer meetings each year, we bring the expertise of entomologists, commercial beekeepers, authors, bee inspectors and industry representatives to our members and all others who attend our conferences, where major vendors of the industry display and participate.

Our website affords our association the opportunity to complement our efforts in promoting and educating our members and the public about beekeeping. In order to take advantage of this opportunity, we need the participation of our members in regards to content. Many chapters are currently active with the social media and their respective websites demonstrate that people are receptive to web based information about

beekeeping and what their chapters are doing.

Our Publicity Committee is ready to publicize your chapter's events and news. Sandy Carlson can be reached at sccarlson@msn.com and will post your content to the appropriate area of our website. Please have your chapter designate someone to contribute content.

There are scores of interesting and noteworthy club functions each year. I am speaking of bee yard programs, mentoring, participation in agriculture days, heritage days, local and state fairs, local festivals, school programs, national honey bee celebrations, bee friendly days, regional events such as Bug Fest, youth activities, presentations, and bee schools. Many of us love photography and our bee related photos could be posted also.

If a significant amount of this activity could be featured online, the content of the NCSBA's website would be absolutely unrivaled. We are the experts at what we do. No other organization does beekeeping like the chapters of the NCSBA!

Thanks for reading,
Rick Coor, NCSBA President, 2015

Dear Wade:

Please apply the enclosed donation of \$_____ to the **NCSBA Apicultural Science Fund** to be used by Dr. David Tarpy and Don Hopkins, at their discretion, in support of their efforts on behalf of NC beekeepers.

Mail your check payable to the NCSBA and mail it to:

Wade Lucas, NCSBA Treasurer
2425 Trellis Court
Raleigh, NC 27616



FOODS COOKED WITH HONEY CONTEST WINNERS

NCSBA SUMMER MEETING 2015

by Elaine Styers

The "Foods Cooked with Honey Contest " was held on Friday, July 10, 2015 at the NCSBA Summer Meeting at Lake Junaluska. There were thirteen entries and we would like to thank all contestants for their participation. Winning contestants were recognizes at the banquet on Friday evening.

BEST OF SHOW

HONEY FRENCH DRESSING SM-41 (DRESSING)

MELINDA MILLER

1 CUP VEGETABLE OIL

1/2 CUP CATSUP

1/3 CUP VINEGAR

1/3 CUP HONEY

1 TSP PAPRIKA

1 TSP GRATED ONION

1 CLOVE GARLIC, HALVED

ADD ALL INGREDIENTS TO BLENDER
AND MIX WELL. USE AS NEEDED

1ST PLACE

HONEY PEANUT BUTTER ENERGY **BALLS SM-43 (SNACK FOOD)**

ANNE HOUCK

1 ¼ CUP OLD FASHION OATS

3 TBSP SHREDDED COCONUT

½ CUP SLICED ALMONDS (CHOPPED
FINE)

1 SCOOP WHEY PROTEIN POWDER

1/2 CUP HONEY

1/2 CUP DRIED APRICOTS CHOPPED

1/2 CUP PEANUT BUTTER

IN A MEDIUM BOWL ADD THE OATS,
COCONUT, ALMONDS AND PROTEIN
POWDER. STIR UNTIL WELL
DISTRIBUTED. ADD THE HONEY,
APRICOTS AND PEANUT BUTTER AND
STIR WELL. PLACE IN REFRIGERATOR
FOR 30 MINUTES. ROLL INTO BALLS.

1ST PLACE

BANANA ZUCCHINI BREAD W/ **HONEY SM-32 (QUICK FRUIT BREAD)**

SANDY CARLSON

1 EGG BEATEN

¼ CUP BUTTER, MELTED

1½ CUP ALL-PURPOSE FLOUR

1 TSP BAKING SODA

¼ TSP CLOVE

1 CUP ZUCCHINI, GRATED

¾ CUP HONEY

1 TSP ALMOND FLAVORING

1 TSP CINNAMON

½ TSP NUTMEG

½ TSP SALT

2 MEDIUM RIPE BANANAS MASHED

COMBINE EGG, BANANA, ZUCCHINI,
HONEY, BUTTER, SPICES AND MIX
WELL. COMBINE FLOUR AND BAKING
SODA IN MEDIUM BOWL. ADD FLOUR
MIXTURE TO ZUCCHINI MIXTURE AND
STIR UNTIL WELL BLENDED. SPOON
BATTER INTO GREASED 9X5X3 INCH
LOAF PAN. BAKE AT 325 F ABOUT 1
HOUR OR UNTIL WOODEN PICK
INSERTED NEAR CENTER COMES OUT
CLEAN. COOL 10 MINUTES IN PAN,
REMOVE FROM PAN AND COOL
COMPLETELY.

1ST PLACE

RAISIN-WALNUT HONEY BARS SM-36 (HONEY BARS & BROWNIES)

ANNE HOUCK

PREHEAT OVEN TO 350 F

$\frac{3}{4}$ CUP REGULAR ROLLED OATS

$\frac{1}{2}$ CUP SUGAR

1 TSP SALT (DIVIDED)

$2\frac{1}{4}$ CUPS ALL-PURPOSE FLOUR
(DIVIDED)

$1\frac{1}{4}$ CUP UNSALTED BUTTER (DIVIDED)

1 TBSP WATER

$\frac{3}{4}$ CUP HONEY

$\frac{3}{4}$ CUP APPLE JELLY,

$\frac{1}{4}$ CUP PACKED BROWN SUGAR

$\frac{1}{2}$ TSP BAKING POWDER

4 EGGS LIGHTLY BEATEN

1 TSP VANILLA

$2\frac{1}{2}$ CUPS COARSELY CHOPPED
WALNUTS

2 CUPS RAISINS.

MIX ROLLED OATS, SUGAR AND $\frac{1}{2}$ TSP. SALT IN A BLENDER UNTIL OATS ARE FINELY CHOPPED, TRANSFER TO A MIXING BOWL AND STIR IN 2 CUPS ALL-PURPOSE FLOUR. CUT IN 1 CUP UNSALTED BUTTER UNTIL MIXTURE RESEMBLES COARSE CRUMBS. SPRINKLE WATER INTO MIXTURE AND BLEND. PRESS EVENLY INTO BOTTOM OF 2 GREASED 13X9X2 INCH PANS. BAKE FOR 12 MINUTES.

MIX $\frac{1}{4}$ CUP UNSALTED BUTTER, BROWN SUGAR, $\frac{1}{4}$ CUP ALL-PURPOSE FLOUR, BAKING POWDER, $\frac{1}{2}$ TSP SALT, EGGS AND VANILLA. POUR HALF OF FILLING OVER EACH PREPARED CRUST AND SPREAD EVENLY. TOP WITH WALNUTS AND RAISINS. BAKE AT 25 MINUTES. COOL ON WIRE RACKS, CHILL FOR 30 MINUTES BEFORE CUTTING INTO 2X3 INCH BARS. MAKES 36 BARS.

1ST PLACE

HONEY ANCHO WALNUTS SM-43 (SNACKS)

MELINDA MILLER

8 OZ (2 CUPS) ENGLISH WALNUTS

$1\frac{1}{2}$ TBSP BUTTER

$1\frac{1}{2}$ TBSP HONEY

$\frac{1}{2}$ TSP KOSHER SALT

$\frac{1}{2}$ TSP ANCHO CHILI POWDER

$\frac{1}{8}$ TSP CINNAMON

$\frac{1}{8}$ TSP GARLIC POWDER

$\frac{1}{2}$ TBSP DARK BROWN SUGAR

$\frac{1}{2}$ TBSP KOSHER SALT

1 TSP DRIED ROSEMARY

PREHEAT OVEN TO 325 F

IN A MEDIUM SKILLET OVER MEDIUM HEAT, HEAT HONEY, BUTTER AND SALT. REMOVE FROM HEAT. ADD WALNUTS TO HONEY MIXTURE. AFTER WALNUTS ARE COATED, SPREAD OUT ON PARCHMENT PAPER. BAKE FOR 10 MINUTES, STIR AND BAKE 5 MORE MINUTES.

TOSS WITH CHILI POWDER, CINNAMON, GARLIC POWDER AND DARK BROWN SUGAR. SEPARATE TO COOL, SPRINKLE WITH ROSEMARY AND SALT.



philipmartin.com

MARTIN

1ST PLACE

HONEY PUMPKIN PECAN WHITE CHOCOLATE COOKIE SM-37

(COOKIES)

MELINDA MILLER

2¼ CUPS FLOUR

2 TSP GROUND CINNAMON

1 TSP GROUND CLOVES

1 TSP BAKING SODA

1 CUP MARGARINE

¾ CUP HONEY

¼ CUP PUMPKIN

2 TSP VANILLA EXTRACT

1 EGG

1 12 OZ PACKAGE WHITE CHOCOLATE
CHIPS (DIVIDED)

2/3 CUP PECANS, CHOPPED

PREHEAT OVEN TO 350 F

COMBINE FLOUR, CINNAMON,
CLOVES AND BAKING SODA IN A
SMALL BOWL. BEAT MARGARINE,
HONEY AND BROWN SUGAR IN A
LARGE BOWL UNTIL CREAMY. BEAT
IN PUMPKIN, EGG AND VANILLA
UNTIL BLENDED. GRADUALLY BEAT
IN FLOUR MIXTURE. STIR IN 1 ½ CUP
WHITE CHOCOLATE CHIPS AND
PECANS. DROP BY ROUNDED
TEASPOONFULS ONTO PARCHMENT
PAPER LINED BAKING SHEETS. LEAVE
ABOUT 2 INCHES BETWEEN COOKIES.
BAKE FOR 11-12 MINUTES. COOL
COOKIES ON A WIRE RACK. PLACE
REST OF WHITE CHOCOLATE CHIPS IN
MICROWAVE AND MICROWAVE AT 10
SECOND INTERVALS. PUT IN PLASTIC
SANDWICH BAG AND CUT TINY
CORNER OFF AND DRIZZLE OVER
COOKIES.

NCSBA MASTER BEEKEEPER TESTING, COMING THIS FALL TO YOUR REGION!

Our fall regional testing
schedule for Journeyman and
Master Beekeepers are set. Test
time at each location is at 10:00
am. The date and locations are:
Piedmont Region, October 3,
2015 at NC Cooperative
Extension Ctr.

Chatham County Center
65 East Chatham St.
Pittsboro, NC 27312

Mountain Region, October
24, 2015 at Mountain
Horticultural Crops Research
and Extension Center
455 Research Drive
Mills River, NC 28759

Coastal Region, October 31,
2015 at NC Cooperative Ext.
Pitt County Center
403 Government Circle, Suite 2
Greenville, NC 27834

Any NCSBA member wishing to
test for Journeyman or Master
may attend. There is no charge
for testing, but you must be an
NCSBA member.

Signup not required, but if you
plan to attend email Paul
Newbold at:
beefarmer1349@gmail.com,
this will be for a head count only
so we will have sufficient room
and tests for everyone. Any
questions please call or email.

MASTER BEEKEEPER PROGRAM UPDATE

by Paul Newbold, Chairman, Master Beekeeper Committee

As we announced at the NCSBA summer meeting, the Master Beekeeper Program is up to date. 2014 is behind us and 2015 is in full swing. Nearly 400 certificates for Certified Beekeeper have been issued this year. A new computer program has been created and is user friendly for chapter information entry. Our normal turnaround time is less than a week from chapter entry to a certificate in the mail. On the Journeyman level, 39 new certificates have been issued this year, and most were presented at a home chapter meeting. On the Master level, at the summer meeting we presented 8 new Master Beekeepers. They were, Burton Beasley III, Terry Dyson, Geneva Greene, Barry Jones, Liz Lindsey, Chris Mendenhall, Kim Underhill, and Pat Weisbott. Also Danny Jaynes was presented his Master Craftsman award. This brings our total to 6 Master Craftsman, and 76 Master Beekeepers in North Carolina.

For those who were not able to make the convention, but still would like to test for Journeyman or Master Beekeeper, we are offering fall testing this year. We will start in the Piedmont Region on October 3, then move to the Mountain region on October 24 and finish on October 31 in the Coastal region. We will begin testing each day at 10 am. The location will be published on the web www.ncbeekeeper.org and thru the Chapters in mid-August.

As part of our constitutional requirements, we are to maintain records of all those participating in the Master Beekeeper Program. In order to comply with our computer record keeping, we are asking everyone to send us this information. We need all who have received a certificate prior to November 2014 to email this to us. Our membership Coordinator, Laurie Shaw, is putting

all this together. We need you to email your name, NCSBA membership number, certificate level, (send each that you have, Certified, Journeyman, Master or Master Craftsman) and the date you obtained each level. The email address is lshaw@tyler-carter.com. Please do this as soon as you can. Waiting only makes you forget to do it. We are asking chapter presidents to follow us and announce this at the meetings. This is going to be the records we use for the future. If you plan to continue in the Master Beekeeper Program, we will need this information to document your status.

Thanks to all who came out to the summer meeting and participated in the program. We did a Thursday morning testing and had 36 members show up for the early test. Friday was nearly as busy and Saturday finished off a great week with 68 members testing. The break down is 14 Certified, 42 Journeyman, and 12 Master written tests were taken, good luck to all.

We are in the process of updating all of our tests. New questions and practical test are being prepared. A new study guide for the Journeyman and Master Beekeeper test is also in the works. This is major upgrade to the program, and any suggestions you have are welcome by the committee.

Dr. Margo Jenkins is now handling the Certified Beekeeper Program. Any request for tests or questions about the certified program should be directed to her at pineshirefarm@gmail.com or 919-499-1677.

Any question or comment about the Master Beekeeper Program can always be emailed to me or feel free to call me any time. Email to beefarmer1349@gmail.com or call me at home 252-264-0245 or cell 252-312-4629.

THANKS FOR THE GAP!

by Marian Jones, Secretary, Neuse Regional Beekeepers Association

Editor's note: The Golden Achievement Program, or GAP, is intended to be high recognition of the efforts of a Chapter along with its individual member endeavors at advancing the practice, science and community of beekeeping through its efforts each year.

First, I would like to thank each and every one on the NCSBA GAP Committee for all the hard work you put into selecting a club each year. As you all know, **ALL** have to work very hard to meet the standards the committee has set.

Neuse Regional did many things during the year to receive the GAP Award for 2014-2015. Receiving the GAP Award is a great honor. Some of the things we did involved working with the newly formed and

charted club Duplin County Beekeepers. We had several Neuse Regional members who taught classes and helped mentor the new members.

The club, along with one of the founders Bill Clothier, began the honey sales for the Disabled Veterans with 100% of the monies collected going to the DAV. With the help of members at Neuse Regional, we continued the program.

The club spent hours and hours trying to educate the public about the importance of the honeybee. We have spoken at several

clubs - Girl and Boy Scouts, church meetings, schools, civic clubs and anybody willing to listen.

Each November we have a food drive to help the soup kitchen (Mary's Kitchen) in Kinston, of Lenoir County, NC.

Our club received a grant in conjunction with the Master Gardener's in Snow Hill, of Greene County, NC, to help minority and

disadvantaged new beekeepers. This was a great success.

With the help of the GAP Award, Neuse Regional hopes to establish a "Beekeeping Academy". This is to help fill the gap between "Certified,

Journeyman and Master Certifications". The standards have been set high and we hope this program will help make it more rewarding for those wishing to increase their beekeeping knowledge.

This is only a few of the things Neuse Regional Beekeeper did and this award would not have been possible if not for each and every one of the members. It takes long hours and hard work from all members to make a club a success. Thanks Neuse Regional Beekeepers for your continued support.



BEEKEEPERS NEED TO BE EDUCATORS

by Ann W. Harman

You know your honey is the best. Your customers Every time there is a problem with yellowjackets and the media get involved you will hear yellowjacket mentioned once then in all the information after that they become 'those bees.' Even though the public realizes that honey bees and other pollinators are in trouble, referring to yellowjackets as 'bees' does not help the reputation of honey bees or other pollinating bees.

You will hear people referring to 'those ground bees' while they describe a stinging incident. When asked to describe their 'ground bees' they invariably describe yellowjackets. But the word 'bee' is heard.

We, as beekeepers, need to promote the difference: yellowjackets are related to wasps, only distantly to honey bees. They both sting in defense of their nest. Unfortunately yellowjackets that nest in the ground do not have visible nests and the entrance is usually a small, barely noticeable hole. So someone mowing grass or even just walking over that small hole will indeed bring defensive action from the disturbed yellowjackets.

Beekeepers need to step forward and try to do some educating about the difference between yellowjackets and honey bees. After someone has told their stinging story, gently and diplomatically tell them about the difference between yellowjackets and honey bees. Emphasize the fact that honey bees just cannot live in the ground.

You may see an article in your local newspaper about someone being attacked by 'ground bees.' As a beekeeper you can write a letter to the editor. Some education right after a news article may help give correct information in the future. Don't hesitate to write or email to newspapers and make phone calls to radio and TV stations.

Many beekeepers visit schools to educate the children about honey bees and pollination. Some of those children may have been stung by ground-nesting yellowjackets. Some may have been stung from throwing rocks at aerial nests. (Yes, kids will do that.) Take a few minutes of



your honey bee presentation to give some information about yellowjackets.

Although most people wish to eliminate wasps and yellowjackets, these insects are extremely beneficial. They keep the harmful insect population under control. However, the wasps and yellowjackets sometimes chose a nest site that gives problems to humans. In that case these insects may have to be eliminated.

Sometimes honey bees are depicted as living in a ball-shaped nest hanging from a tree. Sometimes this ball-shaped nest looks very similar to a skep. As a beekeeper I wonder where artists designing these items got their ideas. Most of the time the creator of the peculiar yellowjacket-honey bee nest cannot be reached to give correct information.

Very small ground-nesting bees, called mining bees, cause concern. These tiny bees prefer a loose loam or sandy soil. They are solitary bees but many nests can be found together in suitable soil. These bees cannot sting and are pollinators, thus need preservation. It would be good for beekeepers to become familiar with these bees so that correct information can be given if called to eliminate them.

Since these mining bees, and other small solitary bees, are facing the same environment problems as honey bees, beekeepers can find much information on the Internet. Thus we can all be conservators and educators. All the bees, and even the wasps and yellowjackets, will benefit.

NC'S BEE AWARE TEAM GOING PLACES!

by Kate Fitzpatrick



put the importance of honeybees in perspective, 71 of the 100 crops that feed 90% of the world, are bee pollinated.

Also included in their plan to spread awareness was the creation of a Honey Bee Haven at Grandfather Mountain. This plan became a reality when the team won a science competition last summer and were awarded a \$25,000 grant from the Christopher Columbus Fellowship Foundation for their Bee Awareness Project.

North Carolina's Bee Aware Team, which features four home-schooled students from the High Country, has been the buzz lately after exhibiting their enterprising honeybee project at the Fifth Annual White House Science Fair in March. They were one of 36 teams from across the nation to present at the fair.

The team had the chance to visit the White House pollinator garden and speak with the chief gardener and head pastry chef. They were amazed to discover that the White House hive had, at it's peak, 10 supers on it and produced an astounding 225 1/2 pounds of honey last year.

Their project raises awareness of the current plight of honeybees and hopes to revitalize honeybee populations, which have been steadily declining since 2006, when one quarter of the bee population died due in large part to the use of pesticides, herbicides, and weed killers. To





Local Boy Scout and Girl Scout troops helped decorate the hives. Then in late May with help from their Watauga County beekeeping club and Beech Mountain Beekeeping supplies, the hives were installed. All three hives are thriving and the bees are hard at work putting up honey. The students are really enjoying working with their bees. They recently produced a tri-fold brochure outlining alternatives to Yard and Garden chemicals that will be available in Grandfather Mountain's museum and gift shops. With over 250,000 visitors annually, Grandfather is the perfect place to get the word out on this important issue.

"The bees are doing very well in their new home, and we're already using the hives to share information about pollination with visitors to the park," said Executive Director Jesse Pope of the Grandfather

Mountain Stewardship Foundation.

Over the past two years the Bee Aware team has presented information about honeybees to businesses, garden clubs and over 1,200 schools children across the region. The Team has also been selling the North Carolina "Save the Honey Bee" specialty license plate they designed, which costs just \$15, \$10 of which goes to the North Carolina Division of Motor Vehicles, with the remaining \$5 being split between bee research

efforts at N.C. State and the Bee Aware project at Grandfather Mountain. The proposed plate will be voted on as a bill in the NC Senate in the first week of August and then will be put into production.

Editor's note: Two license plates regarding honeybees are included in SB 313, one sponsored by Franklin County Beekeepers and one designed and marketed by the NC Bee Aware team. According to the NC Legislature website, the bill has passed a third reading in the Senate and was re-referred to the Committee On Rules, Calendar, and Operations of the House.



TOWNES: BEEKEEPERS NEED ANALYSIS, STANDARDS TO CAPITALIZE ON QUALITY

by Jule Hubbard

There's a new advocate for honeybees and beekeeping in these parts and his name, appropriately, is "B."

"B" Townes came to Wilkes County from Danville, Va., to work as Wilkes Community College's horticulture instructor in the early 1970s and married Martha Ham of Boomer.

He played a key role in starting WCC's MerleFest in 1988, as a garden fundraiser. As executive director of MerleFest until he retired as the college's vice president of development in 2010, Townes is credited with doing more than any one person to make MerleFest what it is today.

Since retiring, and with his and his wife's two children out on their own, Townes has spent much of his time making their farm more wildlife and bee friendly and expanding the gardens and apiary near their home in the Little Rock section of Boomer.

He is active in the beekeeping community as president of the Beekeepers of Wilkes, involvement in the North Carolina State Beekeepers Association, teaching beekeeping courses and making presentations on plants, nectar and pollen in relation to beekeeping.

Townes' interest in honeybees began in high school when he helped a neighbor with his bees. He kept bees while in college and brought them when he came to Wilkes. His job at WCC left little time for beekeeping, so he gave them to the late John Andrews, Mrs. Townes' uncle, in exchange for safekeeping and a month's rent when he moved to Boomer.

Townes said beekeeping helps him stay connected to nature while constantly learning about their care and the plants they visit. He also enjoys mentoring others and teaching about bees and plants.

Before he retired, Townes prepared for going into beekeeping in a bigger way by promoting the growth of honeybee-friendly wild plants like poplar, sumac, wild blackberries, golden rod, aster and sourwood trees on the farm as part of a Forestry Stewardship plan.

He's also a tree farmer and the Townes farm was among the first awarded Stewardship status. In addition to timber management, this includes a focus on water, soil, wildlife and recreation.

Andrews, an advocate of agricultural conservation, left sourwoods standing during his tree farming activities on the family's AH&W (Andrews, Ham and Weston) Farm in the Little Rock section because of the honey made from their nectar.

His sister, Gozelle Ham, recalled helping their father, Nelson Andrews, collect honey by hand squeezing capped comb in the days before most beekeepers had honey extractors. Mrs. Ham is Mrs. Townes' mother.

On Friday, Townes' sister, Katie Richardson of Mount Pleasant, S.C., and her sister-in-law, Fran Gardner of Lancaster, were helping Mrs. Townes bottle sourwood honey in the basement "honey room" of the Townes home.

Sourwood honey is made in mid summer while the limbs of sourwood trees are often

heavily laden with bell-like blooms. Produced only where sourwoods are a dominant under story tree and early secession post-clear cut species in the mountains and foothills of the southern Appalachians, it's one of the most sought-after honeys from the region and commands a premium price.

Impressions of sourwood honey vary with palates, but published descriptions range from butterscotch to buttery to light with hints of baking spices, like gingerbread. It has a pleasant, lingering aftertaste and is slow to crystallize.

Honey Analysis and Standards

Townes will confidently label his honey "sourwood" because samples he sent to the Palynology (study of spores, pollen, and nectar) Laboratory at Texas A & M University for analysis were found to be 95 percent sourwood this year.

Dr. Vaughn Bryant, who spoke at WCC during the N.C. State Beekeepers Association conference last summer, is director of the Texas A&M lab.

While excited that he and other beekeepers he encouraged to have honey analyzed

received reports showing their samples were between about 65 and 95 percent sourwood for the second year in a row, Townes noted that not all years are good sourwood years and not all areas produce the same.

In 2013, he said, frequent heavy thunderstorms knocked blooms off the trees and made it look like a light snow had fallen—and there was no sourwood honey.



Photo by Dr. Gordon Burns

Townes and others believe this type of analysis is the basis needed to advocate for uniform honey standards and truth in labeling on containers of honey.

In particular, he said, it's what western North Carolina beekeepers need to build consumer confidence and to leverage the quality and popularity of sourwood honey and be compensated accordingly.

Otherwise, any jar of honey can be labeled sourwood—regardless of what it really contains. For that matter, a product labeled pure honey from the United States can actually be from another country and be far from pure and all natural.

The late Dr. John T. Ambrose, N.C. Cooperative Extension Service beekeeping

specialist (State Apiculturist) from 1975 to 2000 and professor of entomology at North Carolina State University, lead a team which prepared uniform standards for honey in 2010.

The N.C. State Beekeepers Association approved the standards and began negotiations with the N.C. Department of Agriculture and Consumer Services for incorporating them into rules and procedures that govern food safety. The standards still haven't been adopted into food safety rules.

The standards say that to be sold as honey, a product must be made by bees from plant nectar and contain

no additives or adulteration. They also require that the country of origin be identified.

If the honey is marketed as being from a specific floral source, such as sourwood, the honey must contain at least 51 percent

nectar (from pollen coefficient analysis) from that source.

In over 40 years of testing, Bryant has determined that not all honey can be named by pollen content alone because a number of plants (sourwood included) have relatively

low pollen concentrations and international standards for correcting the count to determine true nectar source must be applied.

Bryant's lab is the only one in the country testing honey at this level. He said that until consumers demand truth in labeling for honey, there isn't enough incentive for his graduates to open new labs.

Ambrose, who died in January, once said, "A great deal more sourwood honey has been sold in North Carolina than has actually been produced

here."

Studies of honey conducted by Bryant around the country found that in over 70 percent of some samples, floral sources were incorrectly labeled and/or they contained substitutes and chemicals. Bryant also found imported honey



in the U.S. with all of the pollen removed to avoid detection and tariffs while being rerouted through multiple countries.

Townes said regularly having honey analyzed will help build confidence in local brands, such as sourwood honey from Wilkes County.

Use of Technology

In addition to advocating for greater consumer awareness, honey analysis and truth in labeling, Townes is promoting the advantages of new technology for beekeepers.

“We as beekeepers put supers on and we think we know when to take them off,” based on when beekeepers think bees have stopped making all the surplus honey they’ll put in the supers, he said. If a super of honey remains on the hive too long, bees start eating or robbing the honey instead of producing more.

He said there now is a system that weighs hives and sends the resulting information to a computer to determine the optimum time for removing supers of honey.

Townes said Shane Gebauer of Brushy Mountain Bee Farm used this system to provide him with a computer graph of daily net weight gain/loss of his hives.

“We thought we knew the flow was about over but this information validated our assumptions and we removed supers earlier

than last year. Additionally, data taught me a lesson about when the bees were working sourwood and corrected what I had been told, that bees only worked it in the afternoon when in fact the greatest weight gains were in the morning,” said Townes.

Until there is truth in labeling for honey, said Townes, “at a minimum we as beekeepers should take advantage and invest in the (Texas A&M) lab to build consumer confidence that the label on the honey they are

buying correctly identifies what they are getting and isn’t just a guess.”

More details on having honey analyzed for pollen and nectar content at the Texas A&M lab are available at www.anthropology.tamu.edu/html/profile--vaughnbryant.html. It costs \$60 to have a two-ounce sample of honey analyzed.



CONGRATULATIONS TO OUR MCIVER-HAAS AWARD RECIPIENTS!

by Susan H Fariss

Congratulations to Judy Pick and Janno Lewis, recipients of the McIver-Haas Lifetime Achievement Award, for their many years of service to the NCSBA and to their local affiliate chapters. Judy, a member of the Chatham County Beekeepers Association, was the 2009 recipient of the Outstanding Friend of Extension Award. This award is presented to a person or group demonstrating exemplary involvement and support for Cooperative Extension's educational programs. She is a Journeyman beekeeper.

Janno was named NCSBA's Person of the Year in 2006. She obtained Master Beekeeper status in 2000.

"The McIver-Haas Lifetime Achievement was exciting and most unexpected," said Janno. "I am so thankful for all the admirable



NCSBA President Rick Coor (L) observes, as Paul Madren (R) presents the McIver-Haas Lifetime Achievement Award to Judy Pick and Janno Lewis (center L and center R, respectively).

leadership, friendships, encouragement and patience of beekeepers all along my beekeeping pathway. From the very beginning it was people like Bill Sheppard and Bill Smith who worked tirelessly teaching me to keep my smoker lit, I owe so much!"

Both Judy and Janno work tirelessly for the NCSBA. A great deal of their efforts go to the NC Zoo Honey Bee Exhibit, of which they are the volunteer coordinators.

The NCSBA has established the "NCSBA McIver-Haas Lifetime Achievement Award," to

acknowledge those individuals whose dedicated service to the NCSBA and achievements in support of beekeeping are true and of long lasting significance. I can't think of anyone more deserving.

SEE YOU IN NEW BERN THIS SPRING!

by Susan H Fariss

Did you enjoy the Lake Junaluska meeting? I know I did. What a great program. What a beautiful location! Our spring meeting in New Bern, NC is shaping up to be all of that and more.

New Bern is a beautiful city, located where the Neuse River meets the Trent River, in Craven County.

With a 300 year history, this area is a vacation destination for sun seekers and history buffs, alike.

Our program is coming together nicely, with our workshops divided into tracts for the less experienced and the more experienced beekeeper. Attendees will be able to move back and forth between the tracts, as we know that while you may be quite experienced in one beekeeping subject, you may know very little about another.

I know you will be as excited as I that we have received confirmations from Dr. Jeff Harris, Dr. Zachary Huang, Jennifer Keller and Adam Finkelstein & Kelly Rausch of VP Queens.

Our NC inspectors will be playing a bigger role at this meeting than in the past. I regard our inspectors as some of the most untapped talent to which the NCSBA has access.

Some of our topics will be Honeybee Pheromones, Tropilaelaps (New Mite on the Block), Equipment Confusion (an Open Discussion and Demonstration of Equipment), Honeybee Biology, Do I Need A Queen, Let's Do the Math?, Interpreting

Colony Conditions, Late Winter/Early Spring Beekeeping, Brood Interruptions Strategies to Support Varroa Control and more. Look for more details and the registration form and information in the next newsletter.

New Bern's average highs in February are in the sixties and lows average thirty eight degrees. Bring a sweater, a thirst for learning and prepare for a great time!

I know beekeepers who never attend beekeepers meetings. Not ABF or EAS. Not state meetings. Not even their local association meeting. Some don't even read beekeeping periodicals. I don't know how they do it. Beekeeping is changing so rapidly, beekeepers would be well advised to inform themselves from as many legitimate sources as possible. Local meetings are great for connecting with a mentor and finding people with whom to share beekeeping on a regular basis. Most local clubs find local and regional experts to help members learn more about beekeeping. State meetings are the best place to learn about research, up and coming techniques, treatments, beekeeping pests and innovative new equipment. Life long friends are made here. EAS and ABF are similar to state meetings, but on a larger scale. These meetings are held in different states each year. Dollar for dollar, state meetings give the best bang for the buck.

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PAUL NEWBOLD NAMED NCSBA PERSON OF THE YEAR

by Susan H Fariss

Congratulations to Paul Newbold, recipient of NCSBA's Person of the Year award. The "Person of the Year" annual award is sponsored by the North Carolina State Beekeepers Association. The award is designed to reward and acknowledge efforts by individuals on behalf of beekeeping, beekeepers, and the bee and honey industry in general.

Paul chairs the Master Beekeeper committee. He and his committee have put in untold hours to bring this program up to date. This has been no small task.



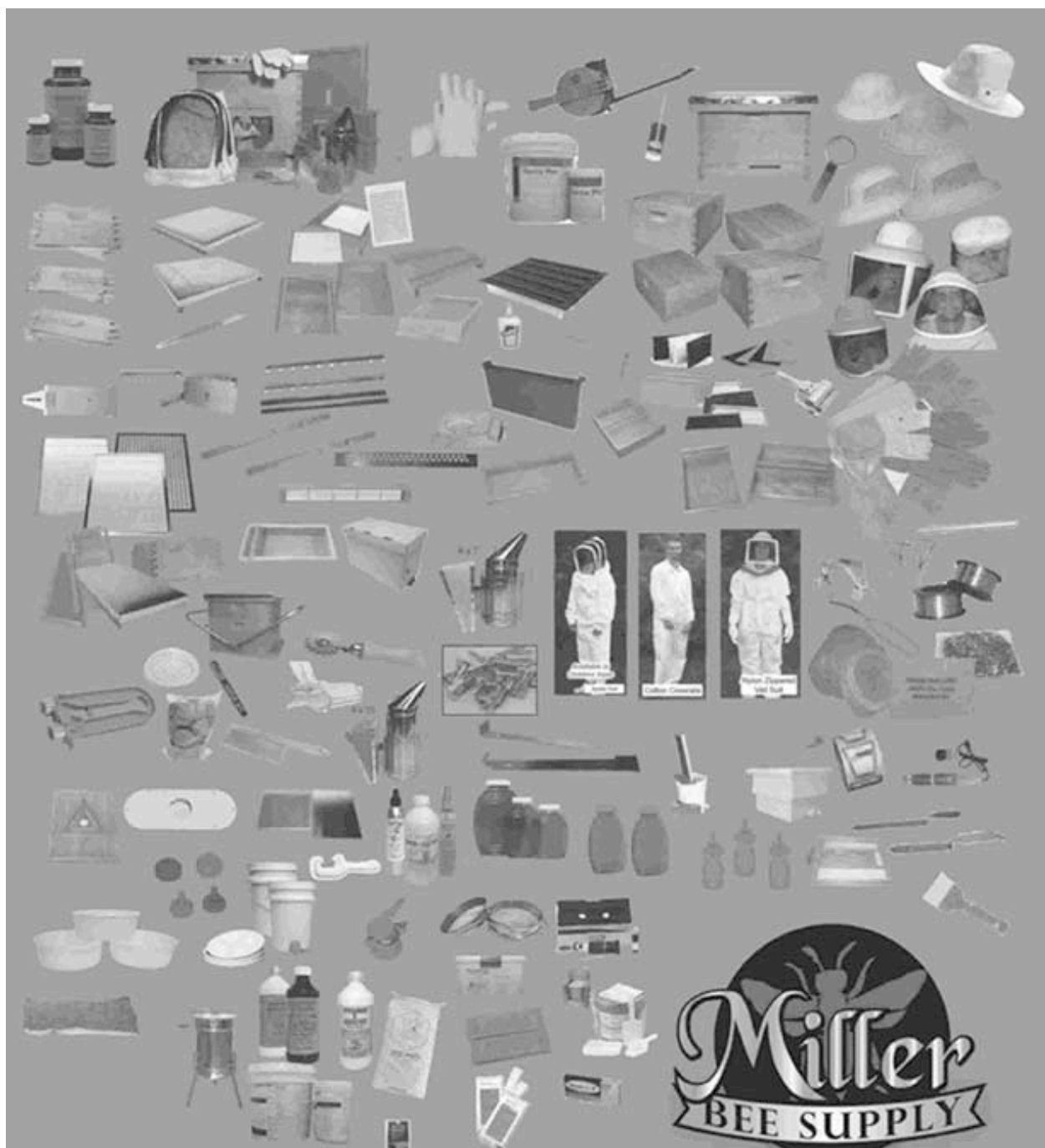
President Rick Coor (L), Paul Newbold (R)

While continuing to administer the master beekeeper tests and present new master beekeepers to the association, Paul and his committee have dutifully worked their way through the backlog of certificates that needed to be presented in all levels of the program.

With the assistance of NCSBA Regional Directors, all certificates have been presented at local meetings, mailed or awarded at NCSBA state meetings. Thank you, Paul for the attention you give to this program.

CONGRATULATIONS, DANNY JAYNES ON ACHIEVING MASTER CRAFTSMAN BEEKEEPER CERTIFICATION!





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2015 Permits to Sell Bees

The following dealers have been approved to sell bees in North Carolina and are permitted to sell or ship bees of the said apiary.

In State Companies Permitted to Sell Bees

The inspectors' report forms for these apiaries are public records and are on file at the Beneficial Insect Lab, 950 East Chatham Street, Cary, NC 27511, (919) 233-8214.

Company Name	Address	City	State	Zip	Status	Spring Inspection	Phone Number
1 SweetWings Honey Bee Farm	2014 Coddle Creek Hwy	Mooresville	NC	28115	Active	+	(704) 904-6725
7 Stands Bee Farm	1885 Middle Fork Rd	Hays	NC	28635			(336) 957-4744
Albemarle Bee Co.	32586 B Austin Rd.	New London	NC	28127	Active	+	(704) 791-8745
Bailey Bee Supply	147 Boone Square St.	Hillsborough	NC	27278	Active		(919) 241-4236
Bailey Bee Supply	1724 South Saunders St.	Raleigh	NC	27603	Active		(919) 977-0901
Beech Mountain	2775 Beech Mountain Rd	Elk Park	NC	28622	Active		(828) 733-4525
Beez Needz LLC	3694 Edgar Rd.	Sophia	NC	27350	Active	+	(336) 431-2339
Bell's Bees	2809 Campbell Rd	Raleigh	NC	27606			(919) 417-1506
Bennett Bunn Bees	PO Box 1166	Zebulon	NC	27597	Active	+	(919) 880-1367
Betsey's Bees	1226 Mt. Olivet Church Rd.	Franklinton	NC	27525	Active		(919) 495-1450
Big Oak Bee Farm	2633 Branch Road	Raleigh	NC	27610	Active		(919) 272-4450
Billy R. Boyd	5803 Old Monroe Rd.	Indian Trail	NC	28079	Active	+	(704) 821-7310
Billy Searcy	310 Rubin Wilson Rd.	Mill Springs	NC	28756	Active	+	(828) 817-0266
Blanton Apiaries	1844 Back Creek Ct	Asheboro	NC	27205			(336) 683-7390
Bob Doty	6325 Stirewalt Rd.	Kannapolis	NC	28081	Active		(704) 934-2640 / (704) 651-2555
Brushy Mountain Bee Farm	610 Bethany Church Rd	Moravian Falls	NC	28654	Active	+	(336) 921-3640
Bryan Fisher	712 Deaton St	Kannapolis	NC	28081	Active		(980) 521-8642
Busy Bee Apiaries	1201 New Hope Church Road	Chapel Hill	NC	27516			(919) 904-7128 / (919) 516-6621
C & L Bee Farm	795 Crawford Rd	Salisbury	NC	28146			(704) 640-8108
Catawba Valley Beekeepers	2112 Ashwood St.	Maiden	NC	28650	Active	+	(828) 428-3744
Charles D. Revis	921 East Court Street	Marion	NC	28752	Active		(828) 925-1430
Charles Dean Trull Jr.	1428 Trull Place	Monroe	NC	28110			(704) 201-3520
Chris Mendenhall	5703 Midway School Rd.	Thomasville	NC	27360	Active		(336) 442-9835
Curtis Wooten	7429 Old Maple Hill Rd	Burgaw	NC	28425	Active	+	(910) 540-4611
Danny H Lashus	556 Stephens Road	Providence	NC	27315	Active	+	(434) 710-4344
David Bridgers	118 Wellington Dr	Wilmington	NC	28411	Active	+	(910) 686-1947
David J. Little	510 Flower House Loop	Troutman	NC	28166	Active	+	(704) 450-1703
Dean Schultz	420 Beane Rd	Seagrove	NC	27341	Active	+	(910) 428-1365
Donnie Smith	599 John Russell Rd.	Raeford	NC	28376	Active	+	(910) 875-5640

Ed & Ruth Whitley	1247 Salisbury Ave	Albemarle	NC	28001			(704) 982-3136
Ellis Hardison	6521 NC 705 Hwy	Robbins	NC	27325	Active	+	(910) 948-4121
Fourth Creek Honey Farm	232 Antietam RD	Statesville	NC	28625	Active	+	(704) 585-2004 / (704) 929-6868
Fred Merriam	221 Bryson Drive	Hamlet	NC	28345			(480) 209-2098
G&S Beefarm	36824 Melton Rd.	Albemarle	NC	28001	Active	+	(704) 982-0698
George C. Page	2686 Piney Grove Rd.	Kernersville	NC	27284	Active	+	(336) 497-4310
George Mackel	298 Timbuktu Rd	Sylva	NC	28779			(828) 332-0576
Gerry and Libby Mack	121 Hermitage Rd	Charlotte	NC	28207	Active	+	(704) 953-0565
Gommin Acres Farm	1945 Davis Mtn Rd.	Hendersonville	NC	28739	Active	+	(828) 693-1966
Green Goddess Farm & Apiary	22 Cedar Hill Road	Asheville	NC	28806	Active	+	(828) 779-7047
Gregs Honey Hive	125 Yamasee Rd.	Waxhaw	NC	28173			(704) 400-8965
Happy Bees Apiary	347 S. Wharton Station Rd	Washington	NC	27889			(252) 945-1730
Harris Apiaries	10055 Hwy. 53 West	White Oak	NC	28399	Active	+	(910) 988-6227
Holbert Bee Supply	P.O. Box 217	Saluda	NC	28773	Active	+	(828) 749-2337
Honeysuckle Hill Bee Farm	2041 Highway 49 North	Concord	NC	28025	Active	+	(704) 796-0880
Jeffrey C. Hinson	16331 Philadelphia Church Rd.	Oakboro	NC	28129	Active	+	(704) 438-8760
Jeffrey V. Cox	3117 Tyrus Rd.	Eastover	NC	28312	Active		(910) 578-4949
Jeremy H. Tyson	742 Eagle Falls Rd.	Madison	NC	27025	Active	+	(336) 453-1281
Jesse M. Josey	7090 Wishing Well Rd	Prafftown	NC	27040	Active	+	(336) 407-1553
Jim's Bees	1106 Mohawk Ave	Fayetteville	NC	28303			(910) 273-2782
Joey Lee Bullin	2633 Woodruff Rd.	Boonville	NC	27011	Active	+	(336) 244-1415
Kathy M. Webb	308 Webb Farm Rd	Salisbury	NC	28147	Active	+	(704) 637-8043
Kenneth G. Knight	3259 River Forks Rd.	Sanford	NC	27330			(919) 545-1166
KTs Orchard & Apiary	195 Pigeon Ford Rd.	Canton	NC	28716	Active	+	(828) 648-0700
Larry Cox	1506 Old Quarry Rd.	Sparta	NC	28675	Active	+	(336) 657-1499
Lee's Bees Inc.	1818 Saddle Club Rd	Mebane	NC	27302	Active	+	(919) 949-6140
M&B Honey Farm	2265 Baptist Grove Rd	Fuquay Varina	NC	27526			(770) 654-7535
Margaret Canterbury	3336 Startown Rd	Newton	NC	28658	Active	+	(828) 855-6942
McCoy Feed & Farm Supply, Inc	4420 Hwy 24-27 East	Midland	NC	28107	Active	+	(704) 888-2298
Michael Wallace	11460 Peach Orchard Rd	Harrisburg	NC	28075			(704) 737-3947
Midnight Bee Supply	P.O. Box 702	Vass	NC	28394	Active	+	(910) 528-1153
Mike Bourn	1104 Arbor Drive	China Grove	NC	28023	Active	+	(704) 857-7699 / (704) 506-5390
Miller Bee Supply	496 Yellow Banks Rd.	North Wilkesboro	NC	28659	Active	+	(888) 848-5184
Nadeau Farms	538 Gum Bridge Rd	Elizabeth City	NC	27909			(252) 619-7308
Orr Bee Supply	323 Morris Hollow Rd.	Old Fort	NC	28762	Active	+	(828) 581-4494
Penny Apiaries	501 Penny Rd.	Beulaville	NC	28518	Active	+	(910) 290-4186 / (910) 290-2663
Plank Road Apiary	3350 S. Plank Rd	Sanford	NC	27330	Active	+	(919) 776-9517
Queen Bee Honey Farm	119 Terry Springs Ln	Statesville	NC	28677	Active		(704) 682-4018
Ralph Harlan	1295 Brevard Place Road	Iron Station	NC	28080	Active	+	(704) 807-6207
Rayon Locklear	2883 South Duffie Rd	Red Springs	NC	28377	Active	+	(910) 843-5561
Revis Russian Apiaries	PO Box 2520	Marion	NC	28752	Active	+	(828) 652-3524
Richard John Wright	134 Maggie Drive	Mt Gilead	NC	27306			(910) 439-1879
Rick Tindal	24164 Cedar Ridge Lane	Albemarle	NC	28001	Active	+	(704) 985-6236
Robert E Baucom	2518 Hamiltons X Rd	Marshville	NC	28103	Active	+	(704) 624-5116
Robert M. Dennis	1040 High Meadows Drive	Concord	NC	28025	Active		(704) 721-5630
Rocking Bee Farms, LLC	3970 Tenneyson Ct	Concord	NC	28027	Active		(704) 453-1131

Roger Walker	13965 US 64 ALT. Highway West	Rocky Mount	NC	27801	Active	+	(252) 442-4065
Sapony Creek Apiaries	3542 Collie Road	Nashville	NC	27856	Active	+	(252) 443-6471
Sergiy Kovalevych	20 Lorenz Ln.	Asheville	NC	28806	Active	+	(828) 768-1184
Silk Hope Apiaries	1642 Henderson Tanyard Rd.	Pittsboro	NC	27312	Active	+	(919) 542-3157
Silver Spoon Apiaries, Inc	P.O. Box 4486	Wilmington	NC	28406			(910) 352-7868
Spring Bank Bee Farm	298 Spring Bank Road	Goldsboro	NC	27534			(919) 778-0210
Sweet Betsy Farm	3947 Mudcut Rd	Marion	NC	28752			(828) 724-4444
Tates Apiaries	2241 Union Cross Rd.	Winston Salem	NC	27107	Active		(336) 788-4554
The Carolina Bee Company	237 Jason Way	Youngsville	NC	27596			(919) 728-0827
Timothy A Frye	PO Box 761	Liberty	NC	27298	Active	+	(336) 549-7358
Timothy Holt	132 Holt's Ln	Siloam	NC	27047	Active	+	(336) 710-4904
TJs Bees	630 Waddell Rd	Roaring River	NC	28669	Active	+	(336) 957-4285 / (336) 262-2406
Todd Eury	1753 Liberty Ridge Rd.	Concord	NC	28025	Active	+	(704) 791-3015
Triad Bee Supply LLC	4062 Evergreen Dr.	Trinity	NC	27370	Active	+	(336) 475-5137
Triple J Farms	595 Duke Whittaker Rd	Mocksville	NC	27028	Active		(336) 492-7564
Triple S Bee Farm	270 Farin Ward Rd	Stella	NC	28582	Active		(910) 787-2577
Valle Crucis Bee Company, LLC	488 Tom Ward Rd	Sugar Grove	NC	28679			(828) 773-7081
VetHealth Concepts inc.	P.O. Box 102	Richlands	NC	28574			(910) 330-0481
Vince Applebee	24300 N.C. Hwy 8	Denton	NC	27239	Active	+	(336) 859-3895 / (336) 250-9582
W. David Link	157 Crepe Myrtle Circle	Winston Salem	NC	27106	Active		(336) 251-3427
Wagram Apiary	24560 McGill St.	Wagram	NC	28396	Active	+	(910) 318-1202
Wayne Hansen	8004 Southway Rd	Charlotte	NC	28215	Active		(704) 536-4805
WG Bee Farm	P.O. Box 4563	Eden	NC	27289	Active		(336) 616-7044
Wild Mountain Apiaries	875 Will Arrington Rd.	Marshall	NC	28753	Active	+	(828) 484-9466
William Trivette	10500 McFarland Rd	Laurel Hill	NC	28351	Active	+	(910) 610-3369

Out of State Companies Permitted to Sell Bees

Company Name	Address	City	State	Zip Code	Status	Health Certification	Phone Number
Blue Ridge Honey Co	P.O. Box 15	Lakemont	GA	30552	Active	+	(706) 782-6722
Bordelon Apiaries, LLC	283 Palmer Ridge Rd	Plaucheville	LA	71362	Active	+	(337) 988-6644
Gardner's Apiaries / Spell Bee LLC	510 Patterson Rd	Baxley	GA	31513	Active	+	(912) 367-9352
H & R Apiaries	2700 South Macon Street Ext	Jesup	GA	31545	Active	+	(912) 427-7311
Hardeman Apiaries	P.O. Box 214	Mt. Vernon	GA	30445	Active	+	(912) 583-2710
Jarrett Apiaries	1903 Hwy. 198	Baldwin	GA	30511	Active	+	(706) 677-2854
JJ's Honey	5748 Chancey Rd	Patterson	GA	31557	Active	+	(912) 647-3726
Kelley Beekeeping Co.	PO Box 240	Clarkson	KY	42726	Active	+	(270) 242-2012
Kona Queen Hawaii, Inc	P.O. Box 768	Captain Cook	HI	96704	Active	+	(808) 328-9016
Kutiks Honey Farm	1204 Holladay Rd	Manning	SC	29102	Active	+	(607) 316-0474

A Honey of a Find!

by Susan H Fariss

Most women love jewelry. And among this group, who doesn't love bee jewelry? Men, take this hint and run with it.

This sharp looking pendant belongs to Rebecca Wood of Yadkin County Beekeepers. A gift from her husband, Rebecca believes that this was purchased at Jared.

While this photo doesn't do it justice, I assure you that it is a beautiful piece, with pave-set round white diamonds and bead-set round

yellow and black diamonds. There are yellow diamonds in 14K yellow gold-plated settings and black diamonds in black rhodium-plated settings.



Do you have a suggestion for a beekeeping find that could be featured? If so, we want to know about it! Send a photo, description of the item, what makes it special and where it can be

purchased to NCBeeBuzz@yadtel.net and you will be credited for the find!

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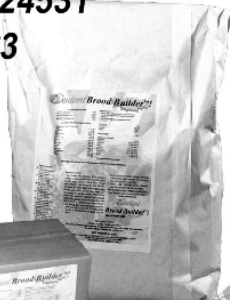
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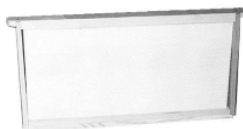
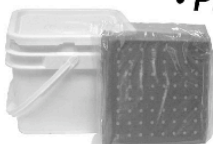
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