



# The Skep

January 2018

Columbiana & Mahoning Beekeepers' Association Newsletter

## President's Corner:

Hello Fellow Beekeepers and welcome to 2018!! It is my sincere hope that all of you had a great and fun filled holiday season.

I will be filling in for our new President George Stacey for a few months, so please bear with me!

Just a reminder to please pay your annual membership dues. These dues help us with the month to month operation of the club, so it's important to remember to keep current. Please see our treasurer, Don Kovach, to make your payment.

The late winter is chock full of educational opportunities for the beekeeper. Please see the page that lists all the ways to attend seminars in the tri state area.

And finally, as we start the New Year, let us all hope for a successful and productive beekeeping season.

Best Wishes,

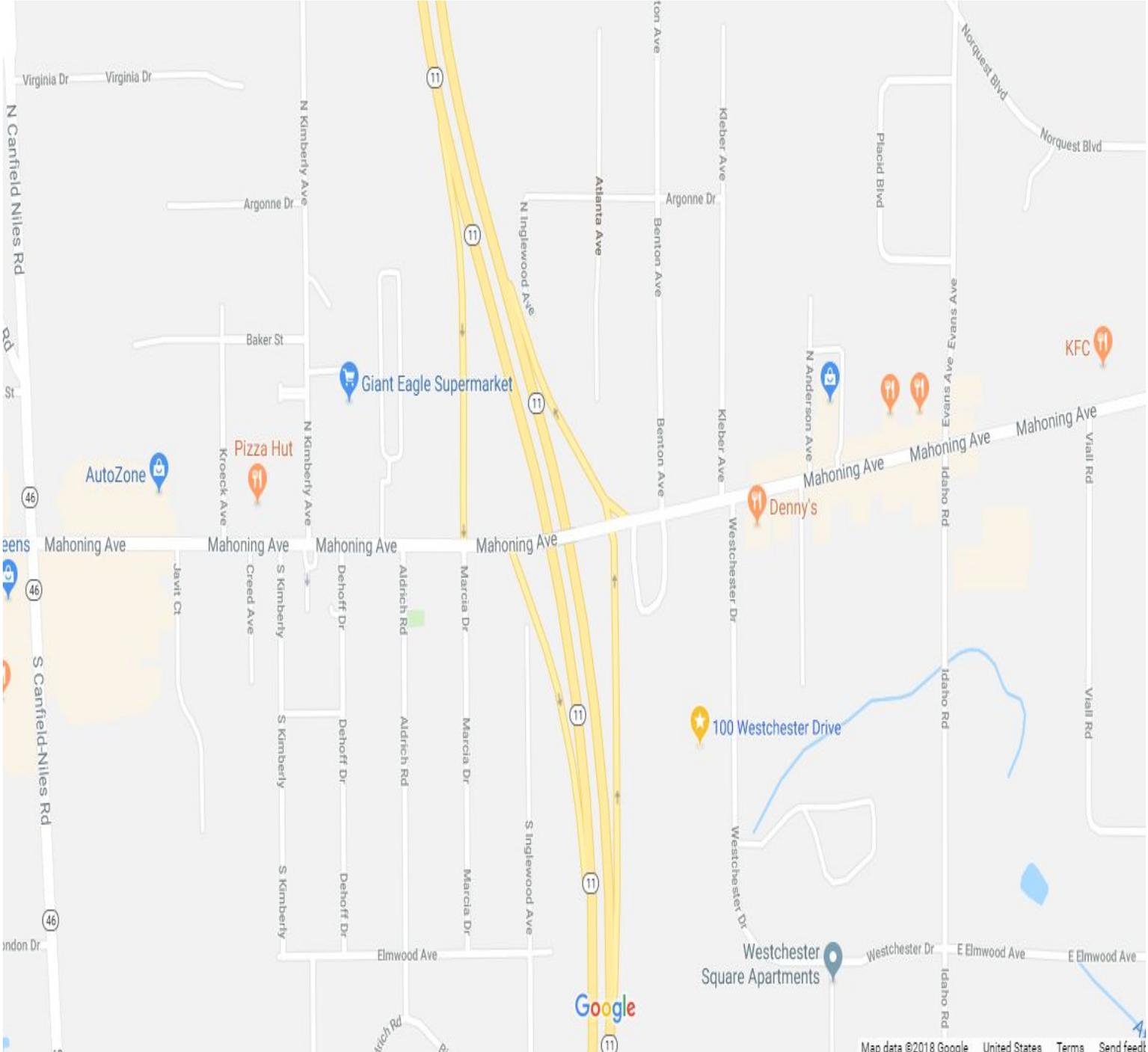
Bruce Deafenbaugh

## January Meeting Information:

**Next Meeting: 01/21/2018,  
Monthly Membership Meeting and Luncheon  
Austintown Senior Center  
100 Westchester Drive  
Austintown, Ohio 44515**

**Potluck Lunch at 1 pm and  
Membership meeting at 2 pm.**

**As a Reminder: Please bring your own  
tableware;  
Plates, Cups, Silverware etc.**



## Reminder for UpComing Education events:

Mark your calendars!

The 40th Annual TCBA Spring  
Beekeepers Workshop

March 2-3, 2018

Featuring Dr. Jamie Ellis, Randy Oliver and more....

[Tricountybeekeepers.org](http://Tricountybeekeepers.org)



**Registration opens 01/15/2018--Do not delay, only 1000 registrants will be taken.**

### Western PA Beekeeper Seminar

January 4 at 8:09am · 🌐

\*\*\*Register NOW for the premier beekeeping event in Western PA!!!!\*\*

February 16 & 17, 2018 in Monroeville, PA (just east of Pittsburgh)

We have national, regional and local experts!

We have break out sessions for the newest beekeepers to the most experienced!

REGISTER TODAY! REGISTER NOW!



Western Pennsylvania Beekeeping Seminar 2018

[FRIENDRAISING.DONORPRO.COM](http://FRIENDRAISING.DONORPRO.COM)



Honey Bee Expo 2018

January 27, 2018

Mark Your Calendars

The Mid Ohio Valley Beekeepers' Association, in conjunction with the West Virginia Extension Services, will present the 16<sup>th</sup> annual Honey Bee Expo. This event will be held Saturday, January 27<sup>th</sup>, 2018, on the Campus of WVU Parkersburg, in Parkersburg, WV. Dr. Larry Connor with Wicwas Press will be the featured presenter. There will be workshops for all levels of beekeepers from beginners to advanced. Cost is \$20.00 adult, \$8.00 youth 12yrs. and younger, if pre-registered by January 12<sup>th</sup>. After that, cost will be \$25.00 and \$8.00 at the door. Lunch will be an additional cost but will only be available for those who are pre-registered. Doors open at 7:30am for registration and complimentary coffee and pastries.

# WANTED

## Varroa destructor



For the wanton destruction of  
Honey Bee colonies worldwide

### Yours could be next

Take the challenge

## TEST YOUR HIVE TODAY!

[www.mitecheck.com](http://www.mitecheck.com)

## **2017 Officers**

**President-- George Stacey 330-360-8717**

**V.President--Bruce Deafenbaugh 330-457-0326**

**Secretary-- Donna Birmingham 330-424-5305**

**Treasurer--Don Kovach 330-272-3711**

**Board: Bill Dehoff (2018) 330-549-2984**

**Andrea Deafenbaugh (2019) 330-457-0326**

**Ralph Rupert (2020) 330-400-8581**

## **2018 Club Sponsors and Donors:**

**A.I. Root- Bee Culture**

**Applewood Seed Company**

**Betterbee**

**Bee Smart Designs**

**Beeline Apiaries**

**Blue Sky Bee Supply**

**Brushy Mountain**

**Buckeye Queen Producers**

**Dadant - American Bee Journal**

**Draper's Super Bee Apiaries**

**Ernst Seeds**

**Heartwood Lumber**

**Honey Bee Ware**

**Kelley Beekeeping**

**Mann Lake**

**Olivarez Honey Bees**

**Pigeon Mountain Trading**

**Queen Right Colonies**

**Rossman Apiaries**

**Valley Bee Supply**

**Western Bee Supplies**

**HillTop Honey Farm--Steve Davis**

Click on the company name to visit their web site.

## Monthly Honey Recipe:

### HONEY CITRUS GLAZED CARROTS



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#### INGREDIENTS:

1 T butter or margarine

4 cups sliced carrots

1/4 cup honey

1/2 cup chicken broth

1/2 cup orange juice

1/2 tsp. minced orange zest

1 tsp. salt

1/4 tsp. pepper

#### DIRECTIONS

In large skillet over medium-high heat, melt butter. Add carrots and sauté for several minutes. Add honey, broth, orange juice and orange zest. Reduce heat to medium-low and simmer until carrots are cooked and liquid is thick. Season with salt and pepper.

HONEY VOLUME = WEIGHT 1 Gallon Honey = 12 Pounds 1 Quart Honey = 3 Pounds 1 Pint Honey = 1.5 Pounds ½ Pint Honey = 12 Ounces

FRAME SIZES & AMOUNT OF HONEY IT CAN HOLD Deep = 19 inches x 1-1/16 inches x 9-1/8 inches = 6 Pounds Honey Medium = 19 inches x 1-1/16 inches x 6-1/4 inches = 4 Pounds Honey Shallow = 19 inches x 1-1/16 inches x 5-3/8 inches = 3 Pounds Honey

HONEY PER 10 FRAME BOX A shallow super will typically yield between 25 and 30 pounds of honey, or 2 to 2 ½ gallons. A medium (6 5/8") depth super will typically yield between 35 and 40 pounds, or 3 to 4 gallons. A full-depth box will typically yield between 60 and 70 pounds, or 5 to 6 gallons.

CELLS PER FRAME FOUNDATION (APPROX.) Deep = 3500 Per Side Medium = 2310 Per Side Shallow = 2058 Per Side ESTIMATING COLONY STRENGTH A shallow frame fully covered with bees will hold approx. 0.3 pounds of bees. A deep frame fully covered holds 0.5 pounds of bees or about 1750 individuals. There are about 3500 bees per pound.

AVERAGE DEVELOPMENTAL PERIOD OF HONEY BEES Queen = 16 Days (Needs fertilizing by drones & may not lay eggs for up to additional 7 days) Worker = 21 Days Drone = 24 Days

# AVERAGE LIFE LENGTH OF HONEY BEES A honey bee queen could

live for 3 to 4 years, as long as she is free from disease. Most beekeepers requeen after 1 to 2 years. Worker bees live for 6 weeks during the busy summer, and for 4-9 months during the winter months.

At the most, drones may live for up to 4 months, however, they may survive for just a few weeks. Note, that upon mating with the queen, drones die immediately. Honey bee colonies consist of a single queen, hundreds of male drones and 20,000 to 80,000 female worker bees. Each honey bee colony also consists of developing eggs, larvae and pupae.

A well-mated and well-fed queen of quality stock can lay about 1,500 to 2,000 eggs per day during the spring build-up—more than her own bodyweight in eggs every day.

**Fun Facts Honey Bees** •Honey bees fly at 15 miles per hour.

•Honey bees' wings stroke 11,400 times per minute, thus making their distinctive buzz.

•Honeybees will usually travel approximately 2 to 3 miles from their hive.

•Honeybees are the only bees that die after they sting.

•Honeybees are responsible for pollinating approx. 80% of all fruit, vegetable and seed crops in the U.S.

- Honeybees have five eyes, 3 small ones on top of the head and two big ones in front. They also have hair on their eyes!
- Bees communicate with each other by dancing and by using pheromones (scents).
- Honeybees never sleep!
- Honey is 80% sugars and 20% water.
- To make one pound of honey, the bees in the colony must visit 2 million flowers, fly over 55,000 miles and will be the lifetime work of approximately 768 bees.
- A single honeybee will only produce approximately 1/12 teaspoon of honey in her lifetime.
- A single honey bee will visit 50-100 flowers on a single trip out of the hive.
- Honey is the ONLY food that includes all the substances necessary to sustain life, including water.
- Honey never spoils.
- It would take about 1 ounce of honey to fuel a honeybee's flight around the world.

- Flowers and other blooming plants have nectarines that produce sugary nectar. Worker bees suck up the nectar and water and store it in a special honey stomach. When the stomach is full the bee returns to the hive and puts the nectar in an empty honeycomb. Natural chemicals from the bee's head glands and the evaporation of the water from the nectar change the nectar into honey.

- Out of 20,000 species of bees, only 4 make honey.

- A populous colony may contain 40,000 to 60,000 bees during the late spring or early summer.

- A honeycomb cell has six sides.

- Bees maintain a temperature of 92-93 degrees Fahrenheit in their central brood nest regardless of whether the outside temperature is 110 or -40 degrees.