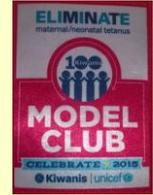




# THE SANDPIPER



## THE WEEKLY MEMBERSHIP NEWSLETTER OF THE KIWANIS CLUB OF SAND LAKE, NY



P. O. Box 535, West Sand Lake, NY 12196  
www.SandLakeKiwanis.org  
SandLakeKiwanis @nycap.rr.com

Meets 6:30 PM Mondays at The Lakeview Inn Restaurant

President Linda L. Ellis  
President-Elect Lyndon Ellis  
Immediate Past President Stuart J. Nippes  
Sandpiper Editor Margaret R. Weiss

Treasurer Robert S. Pasquarelli  
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Barbara K. Fioravanti, Robert R. Loveridge, Janet Malecki  
Joseph M. Behson, Craig Daniels, Patricia A. Lane  
John B. Mulligan, Eve M. Ward, Margaret R. Weiss

## MEETING OF MARCH 30, 2015

President Linda L. Ellis, presiding

GREETINGS & INVOCATION by **Bob Pasquarelli**

**WELCOME BACK:** Peg Weiss

### PROJECT SIGNUP SHEETS

DOORS OF HOPE, unloading food truck

Fri Apr 3<sup>rd</sup>: **Daniels, Ginther, Loveridge, Daniels**

Tue Apr 21<sup>st</sup>: \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_

DIVISION COUNCIL & INTERCLUB @ North Greenbush, Wed Apr 1<sup>st</sup>, Wynantskill Legion Hall

**Pasquarelli, Nippes, Lane, Hamlin, Loveridge, Linda E, Booker, Weiss, Malecki, Ward**

TOUR OF CAPITAL CITY RESCUE MISSION, Wed Apr 8<sup>th</sup>, 6 PM:

**Ward, Daniels, Wagner, Crozier, Weiss, Booker, Brownrigg, Ginther, Colabelli, Lane**

32<sup>nd</sup> MONTHLY PASTA DINNER @ WSL Firehouse, Saturday, April 11<sup>th</sup>:

12 – 7, Setup & Cook: **L&L Ellis, Loveridge, Brownrigg**

3 – 5:30, Setup & Serve: **Hamlin, Weiss**

3:30 – 7, Cashiers: **Ward**

5 – 7:30, Serve & Takedown: **Hamlin, Behson, Weiss**

RED CROSS BLOOD DRIVE, Church of the Covenant, Fri Apr 24<sup>th</sup>:

11:30 – 1 Set Up: \_\_\_\_\_

6 – 7:30 Take Down: \_\_\_\_\_

1 – 3:30 Registration: **Ward**

1 – 3:30 Canteen: **Linda Ellis**

3:30 – 6 Registration: **Lane**

3:30 – 6 Canteen: **Jensky**

## ANNOUNCEMENTS

- **Joe Behson:** Clean out your pockets! Change for Eliminate! Pass the bucket!
- **Joe Behson:** Couple of changes for the annual *Dissipated Eight* concert: SATURDAY (instead of Friday) night April 18<sup>th</sup> from 7 – 8 PM at ALGONQUIN MIDDLE SCHOOL (instead of APHS). No admission charge—Kiwanis gift to the community—wear SLK shirts! Please put these posters up around town.



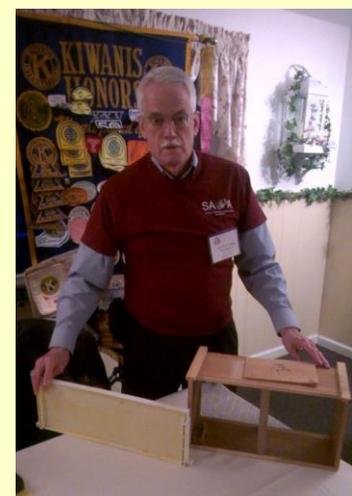
## PROGRAM

John Brownrigg gave a most interesting talk on his new hobby of beekeeping; you need to love nature, have a fascination with unique social organizations, and want to know how things work. And you need to enjoy honey. Honey bee pollination is responsible for 1/3 of our food supply. John first became fascinated with honey bees over 60 years ago on his grandfather's farm where he was allowed to tend bees in the orchard, an easy and fun job that lasted until he went to college. He began to think about it again when retirement approached, and attended classes, read books, watched YouTube videos, and



studied about bees until he became an academic expert—he thought! He later learned that the practical application and academics are light years apart! Last spring he purchased hive equipment and a “package of bees” (a queen and about 3000 bees), and the fun began. Unfortunately, the first year was a disappointment because the bees didn't receive enough food during the very cold winter. A little history: the modern honey bee evolved from its predatory wasp ancestor about 100 million years ago, when there was a switch in diet from animal to vegetable protein. During the vast period of time that followed, the flowering plants became specialized and more

dependent upon mobile pollinators. The bees also coevolved their structures to the mutual benefit of the plants, and their interdependence began. About 65 million years ago the land was dominated by flowering plants (angiosperms) which provide pollen (source of protein) and nectar (source of carbohydrates). Plants attract bees by their shape, color, odor, and food; pollination provided the basis for the next generation. The bees developed branched hairs to trap the pollen of the flowers, inflatable sacs to carry the nectar, and a highly social structure to defend and communicate the rewards of the floral resources. This evolution of the Order Hymenoptera has now over 200,000 species, and the honey bee is *Apis Mellifera*, or honey maker. The highly socialized nature of the honey bee is a matriarchal society consisting of two female casts with a mother: the queen, the workers (sterile daughters), and the male drones. Wasps and hornets do not overwinter as honey bees do and are considered semi social. Most other insects live solitary lives as they neither live together in communities nor share the labor of raising the young. Ants, termites, wasps and bees do live in communities. The workers are the most numerous members of the hive. They are sterile and incapable of laying fertile eggs. Their numbers can reach a peak of 45,000. They are the smallest and busiest members, the guardians, the gatherers of pollen and nectar, and the housekeepers. The workers produce unfertilized eggs which produce drones. Queens are produced from fertilized eggs. The drones are bees from unfertilized eggs whose sole purpose is to mate with the virgin queen during their mating flights. They account for about 15% of the hive at summer peaks. They are poor gatherers, and are starved in fall to preserve winter food stores. Bee hives are monogamous; they have only one producer—the queen.



She is the longest in the colony with a wasp like slender body and with no color bands. She is fed royal jelly to become a queen, and emerges in 15 to 17 days. Five days after her emergence she will have a mating flight, during which she will release pheromones to attract drones to a “drone congregation area” away from the hive. Drones from other colonies as well as her own colony mate with the virgin queen up to 10 times in succession over a few days. It is best if she does not mate with her own hive’s drones, as the mortality rate of workers would go up significantly. The queen is a melting pot of drones’ sperm, and it is the last time she will mate in her lifetime of 2 to 5 years. When her sperm sac is full, she will return to her hive and never leave the colony until her death, or during swarming. A good queen will lay over 1000 eggs per day, or 200,000 eggs per year. Some bee facts: a bee has to visit about 2 million flowers to collect enough nectar to make 1 pound of honey. To produce 2 pounds of honey, bees have to fly the equivalent of 4 times around the world. Honey bees are the only insects that produce human food. Worker larvae grow 1200 times their original weight. A queen is fed every 20 to 30 minutes at peak brood rearing. Drone bees only live for a season and then die in the fall. A good hive will produce around 60 to 80 pounds of honey. Bee hives maintain a temperature of 90 degrees or more all year. The mortality rate of bees in the US is over 30% due to pesticides, hive diseases, overdevelopment of habitat, loss of farmland and flowering plant life. We are one of the few countries in the world that has had such a dramatic effect on bees. They pollinate over one-third of our crops; without them we would not have our fruits and vegetables. Beekeeping is not a science; it is a delicate balance between human input and nature, and is a challenge to manage. There is no particular way to raise bees. It’s hard work during the honey flow, and requires year round monitoring under all weather conditions to keep them strong and viable. Many questions followed, showing a great interest in the subject. Thank you, John!

**BEE FACTS – TRUE OR FALSE**

- 1- A bee has to visit about 2 Million flowers to collect enough nectar to make 1 pound of honey \_\_\_\_\_
- 2- To produce 2 pounds of honey, the bees have to fly the equivalent of 4 times around the World \_\_\_\_\_
- 3- Honey Bees are the only insects that produce human food \_\_\_\_\_
- 4- Worker larvae grow 400 times their original weight \_\_\_\_\_
- 5- A queen is fed every 20 to 30 minutes at peak brood rearing \_\_\_\_\_
- 6- Worker bees only live for a season and then die in the Fall \_\_\_\_\_
- 7- A good hive will produce around 60-80 pounds of honey \_\_\_\_\_
- 8- Bee hive maintain 90+ degrees all year \_\_\_\_\_
- 9- You can die with 10 stings from a Honey Bee \_\_\_\_\_
- 10- The U.S mortality rate of bees is over 30 % \_\_\_\_\_

**John’s quiz – we all got a grade of “Bee”**

## HAPPY DOLLARS

- \$ Eve Ward:** My grandson Ethan is doing very well in his research work, and has been transferred from working on stem cells to research into cancer.
- \$ Bob Loveridge:** I am amazed at John’s program and his knowledge!
- \$ Joe Behson:** Margaret and I are taking the whole crew up to Mount Snow for a long weekend of skiing!
- \$ Pete Stevens:** I had stored two canoes for the winter in my yard, and as the heavy snow melted, I saw that there was only one. Concluding that it had been stolen, I watched online to see if it was being offered for sale, and found one offered for \$250. Before any accusations were made, I learned that my neighbor had moved mine. But I bought the one for sale anyway!
- \$ Peg Weiss:** One happy dollar is for Barb’s excellent job of writing the three issues of the Sandpiper while I was away! The other one is for a wonderful WARM vacation in Florida, first with my brother and sister-in-law, then with a college classmate. I especially enjoyed the ocean beach and the pool, and I read three books!
- \$ Barb Fioravanti:** I’m happy that Peg is back!

**DOOR PRIZE**, provided by John Brownrigg, was won by **Bill Whipple!**

**50/50** for \$16 was won by **Joe Behson!**

**PROGRESSIVE 50/50**, worth \$330.50 this week, but **Barb Fioravanti** pulled the wrong King from the remaining 34 cards—she got the King of Diamonds!



COMING WEEKS...

APRIL 6 PROGRAM CHAIR: *Joe Trupia*, Senior Services Update  
**BOARD OF DIRECTORS MEETING**  
GREETER/INVOCATOR: *Bryce Ginther*

APRIL 13 PROGRAM CHAIR: *George Raneri*  
**AP-SL Fire Dept President Bob Blaauw & Chief Kent Shoemaker**  
GREETER/INVOCATOR/CERTIFICATE PRESENTER: *George Raneri*

APRIL 20 PROGRAM CHAIR: *Barb Fioravanti/John Mulligan/Janet Malecki*  
**Key Club Officer Installation**  
GREETER/INVOCATOR: *Rose Metchick*

APRIL 27 PROGRAM CHAIR: *Jim Hoffman*  
**APCSD Budget**  
GREETER/INVOCATOR: *Sue Jensky*

**SPIRITUAL THOUGHT FOR THE WEEK:**

*"The difference between ordinary and extraordinary is that little extra."*

**Nelson Mandela**