

Rotary



Club of Mt. Shasta

Club Leaders



[Doug Carter](#)
Membership Chair
President



[Thomas F. Stienstra](#)
President-Elect



[Gary L. Bostwick](#)
Secretary



[Lorinda Forrest Meyer](#)
Secretary



[Donna Boyd](#)
Treasurer



[Audra Beylik](#)
Public Relations Chair



[Mark Foster](#)
Rotary Foundation
Chair



[Kathy L. Morter](#)
Club Programs Chair



[Heather Maria Solus](#)
iPast President



[Heather Maria Solus](#)
Assistant Governor

Mt Shasta Rotary Club Meeting 12-02-2020

Wednesday, December 2, 2020

Rotary Meeting Minutes 12-2-2020

Call to Order & Welcome
Pledge of Allegiance

Guests/Visiting Rotarians: Emma Carpenter

Thought of the Day: Donna Boyd

*In the midst of hate,
I found there was, within me, an invincible love
In the midst of tears,
I found there was, within me, and invincible smile
In the midst of chaos,
I found there was, within me, an invincible calm.*

*I realized, through it all, that in the midst of winter,
I found there was, within me, an invincible summer.*

And that makes me happy.

*For it says that no matter how hard the world pushes against me,
Within me, there's something stronger, something better,*

Pushing right back.

◆.Albert Camus

Announcements:

Emma Carpenter, a senior in high school and is involved in Interact. She is the president and her sister is the secretary of Interact. Their family hosted our exchange student, Faustine, at the end of the year last year. Emma likes the outdoors, hiking, rafting, and being involved in community service.

Emma provided an Interact update. This year has been different because of COVID postponed club meetings until spring to keep students safe. In spite of this has been busy with several projects this year. Sign painting project. This project will be suspended and they will move onto an art project. Another project they are working on is a food drive. Interact has been a great way to elevate the project. Partnered with the school lunch program to donate monthly ◆ 20 bags per month. She thanked Linda, Merl, Al and Mark Foster for donating food to the food drive. They will soon be writing letters to Veterans and also starting a dog toy project soon. She thanked Rotary for supporting them.

Reports:

For those involved with North State Giving Tuesday, congratulations and well done. We ended up with two statistics which are worth noting. The money generated was \$6924 involving 32 entities. Having more people involved is more important than the number of dollars.

Glenn reported Rotary International decided to cancel the youth exchange program from January until the end of the year.

Kathy Suvia added to the youth exchange comment. The decision wasn't specific to the youth exchange program. All rotary travel in and out of headquarters and at district level has been cancelled until the summer of 2021.

Donna: There is a man named Alan Shumaker who lives in Weed. A couple of months ago he sent a \$100 donation out of the blue. Donna sent a thank you to him and cashed the check. In response to the thank you card, he sent another \$100. Donna sent another thank you card◆and he sent another \$100. She now has in her hands the fourth check this man has sent. With his last check he sent he also included a note that said some day we will sit down and I will tell you about this month.

Program:

Lorinda Meyer - 50,000 Mentors

For more than ten years I've been working with about 50,000 mentors which is around the average number of honeybees in a hive during the summer. My mentors are small but are fascinating to observe. I've been doing my best to pay attention and learn from them. My father was a beekeeper and I'm a beekeeper as well. My small, but mighty mentors are of the species *apis mellifera* or the European Honeybee.

The honeybee has a long and highly regarded history impacting many civilizations and even before there were human civilizations. Ancestors of the honeybee have been dated back 50 million years ago. The honeybee, in its current form, has been around for 30 million years. In contrast, we humans began flaking crude stone tools a mere 2.5 million years ago.

It is possible, with the wisdom they have garnered over many catastrophes and climate changes, rise and fall of various flora and fauna, that bees have a few things to teach us. Each colony of 10-50-100,000 individual honeybees (depending on time of year and health of a colony) cooperate to function as a superorganism. Human bodies in a similar effect also function as a superorganism, meaning for us that a community of microbial cells work for the benefit of the collective being.

Honeybees, like humans, are social creatures. They work together and connect in a variety of ways using dance, pheromones and other behaviors to communicate with each other. Honeybees, however, work cooperate to benefit a common mission which is to sustain the future of the hive. Every effort each bee engages in directly circles back, in some way, to answer the question, What are you doing today to sustain the health and longevity of the colony?

Bees:

- Nurture their young
- Provide a healthy environment by maintaining a constant temperature of 92 degrees in the hive
- Organize the hive in an efficient manner utilizing resources where they are needed
- Initiate a swarm to proliferate the species

Bees make use of available resources.

- Collect nectar to make honey
 - The life's work of one bee equals 1/12th of a teaspoon of honey
- Make wax from nectar/sugar
 - 8 lbs of sugar or nectar to create one pound of wax
 - Remodel comb if necessary
 - Honeycomb is very valuable due to the fact it takes so much energy to create. (After I harvest honey, I place the frames with what we call wet comb back into the hive for a day and the bees clean out the comb and place it elsewhere. I then remove these frames of clean comb and save them to put on my hives the following summer when the hive is growing again) Reusing comb saves weeks of work for the bees and allows them to direct energy to collecting nectar and pollen instead of building comb.
 - Collect pollen to make bee bread
 - Bee bread is pollen combined with honey and an enzymatic solution excreted from glands near the bee's mouth which ferments to break down the shell of the pollen and form one of the most efficient food supplies on the planet.
- Collect resin from trees to use as propolis to protect the colony

Bees promote from within. As soon as a new be hatches from a cell, they begin work. Some of the many tasks bees undertake as they mature include:

- clean, groom and feed the queen
- feed and care for young
- make wax, build comb
- accept food from foragers
- pack comb with honey and pollen
- remodel the hive to accommodate expansion and contraction of a colony
- guard against predators
- forage for food, water and medicine
- scout for new home.

Bees are team players they cooperate to help the organism survive and thrive.

- Change roles as necessary
 - In summer bees collect water to keep the hive cool
 - In winter, cluster, shiver and rotate position to stay warm
- Cooperate with other species by sharing resources
 - Bumblebees
 - Native bees
 - Moths
 - Other pollinators

Bees give back and promote the sustainability of others

- o Bees support the growth and sustainability of plants in their work to collect pollen and nectar ♦ pollinate plants to ensure robust production.
- o Pollination services directly impact the food supply of the planet
- o 1/3 of our food production relies directly on the pollination services of bees

Bees utilize socialized medicine.

- Collect Propolis which has antibacterial, anti fungal, anti-inflammatory, anti-viral properties
 - o Protects the colony against disease
- Grooming to remove mites

Honeybees are one of the few, if not only creature, that does not destroy or kill anything in order to survive.

Bees are prudent in a show of force.

They have a built in mechanism that insures this ♦ a honeybee will sacrifice her life when she chooses to use her stinger.

Bees are democratic.

- Decision making by consensus
- Colony would never survive with multiple leaders/factions

Any female bee, with proper care, feeding and attention, can become queen.

Bees eliminate what doesn't work

- Sick eggs
- Remove their dead
- Mites
- Wax Moth
- Ants
- Rubber bands

Bees replicate what is successful.

In spring, a strong colony has the proven genetics to survive a winter, build up around the bloom which occurs. As the colony grows, it may become congested (hive management is space management) and will swarm to form another successful colony

Explain queen cells/swarm

Bees reorient to a new environment.

- o If things change in a bee's life, such as a colony being relocated more than three miles from its original home, bees are able to reorient themselves respective to the new location in order to find their way back to the colony.

As a beekeeper I've learned:

- Respect the small things
- Be mindful and patient when working the hive
- Be attentive to change
- (When opening a hive), have a plan
 - o Work the plan
 - o But be flexible/willing to change or alter the plan
 - The bees will let you know if today is not a good day to work the hive
 - Cranky
 - o When queenless
 - o Brood nest is disrupted or threatened
 - o Hot
 - o Weather change ♦ the buzz changes
 - o Follow-up
 - Take notes ♦ don't rely on memory of what you observed in a hive
 - Learn from your notes year to year
- It is not always important to ♦ see the queen ♦
 - o What is important is to know the signs of a healthy queen/healthy colony

So, in conclusion and based on my work with bees,

Wouldn't it be nice to have the product of your life's work be something as sweet as honey?

♦ as sustaining as bee bread?

♦ as valuable as beeswax?

♦ as beneficial as propolis?

Wouldn't it be nice to know your work has value?

We talked about the value of honey, bee bread, propolis and wax in the hive, the value of pollination services to plants and subsequently humans

Wouldn't it be nice to know what you do in life supports and sustains your colony, the human race, in some way?

I believe that no matter what damage we inflict on the planet, bees will continue to find a way to survive another 50 million years. Maybe, if we pay attention, are mindful, attentive and have a plan, can cooperate in a democratic fashion, eliminate what doesn't work, be prudent in a show of force, make good use of and share resources, we can together support the future health and growth of our colony of human beings.

On a side note, my dad loved beekeeping, but he passed away in 2002. I still feel a connection each time I work with bees because my hat is my dad's and I use his hive tool and smoker.

Explain: I founded the SFBA in 2010 which currently serves four counties Mariposa, Tuolumne, Calaveras and Amador.

Happy Bucks:

- Dorthea took Al to the hospital with potential sign of blood clot in his leg. In less than a half hour Dr. Parker sent him home - \$10
- Jean ♦ Wonderful giving Tuesday ♦ amazed with support - \$10
- Gary \$5 wants to second Kens recommendation on film re conjunction of bee society with human society Bulees Gold, give thanks and another \$5 the Axe & Rose to the governors new orders. Rather than have 125 people last year we had 49 takeouts. They were grateful. The adaptation that is required when something changes in the hive is so important
- Ted♦s granddaughter is 3 years old today - \$20

Upcoming Program:

Kathy Morter reported next week is the club assembly, the following week is the students of the month and a presentation by Morgan Miller, a Rotary scholarship recipient. The last two meetings are dark for Christmas and New Years.

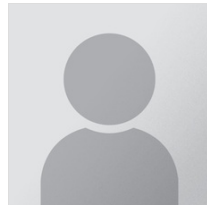
Birthdays

No Birthdays Found

Wedding Anniversaries

No Wedding Anniversaries Found

Years of Service



[Thea Cowsky](#)
3 Years

Club Meeting

Mt. Shasta

Meets at Normally, Mt. Shasta Resort. Currently via Zoom. * Please note first meeting of each month is an evening meeting at 5:30PM; same location

1000 Siskiyou Lake Boulevard

Mt. Shasta, CA 96067

Time: Wednesday at 12:15 PM