

I. PBA President Steven Josephsen called meeting to order at 6:33 PM. Pledge of Allegiance. Welcomed new members and guests, Hannah Hensarling, Cory Roberts, and Bob Love's daughter, Hanna Love. 23 signed the register.

II. Treasurer Report: Walter McLendon, Treasurer, reported balance of \$9264.89. No outstanding bills.

III. Apiary Report: Jesus Vazquez reported having difficulty contacting owner to make arrangements for access. Will pursue it within a week. Local Jasper members offered to assist in moving hives, to be done as soon as possible.

#### OLD BUSINESS:

Hives need to be extracted of honey if still viable. Will get several PBA members to assist in harvesting any honey and arranging hives for move to Lufkin area. Plan is to move hives before next meeting.

There is a buy/sell/trade section on line and in Newsletter for members to use. Ed Doucet will assist in keeping it updated. Edward Doucet also has a suggestion box set up to collect program ideas, questions, problems, etc. Encouraged all to participate. Let the club know what programs you would like to have.

#### NEW BUSINESS:

1. Snacks/Drinks for November meeting: Snacks; Doucets, Rachel Payne, Doyle Bruce. Drinks: Richard Peters.

2. PBA Christmas Party. Discussion on Christmas party. Will hold on 12/8/22, 6:30 PM at the COC. Covered dish. White elephant gift exchange (under \$25). Joanie will start a food list as she receives word from members. Email:4joaniek@gmail.com. The Doucets volunteered a spiral ham and salad.

3. An informal honey tasting contest was held during meeting with 10 entries from members. Some beautiful and great tasting honey was sampled. Winners included: Walter McLendon, Jesus Vazquez, the Doucets, Terry McFall, Kochaneks, Bob Love.

SNACKS/PRAYER: After the blessing, drinks and snacks were enjoyed by all.

PROGRAM: Rachel Payne gave program about the parallels in math and honey bee algorithm. Highlights:

Scientists studied bees and hive construction back in the 1700's. Much later, studying various shapes of cells for comb, it was found that the hexagon is the most efficient way to divide the surface into equal cells with the least total perimeter.

In the 1990's, several researchers, scientists, engineers and other university personnel united in research to determine that bees have evolved into a self-organized system for effective foraging through use of the various Waggle dances. Scientists Nakrani and Tovey made the connection to develop an effective way to allocate computer servers to better serve changing internet traffic. They developed an algorithm that brings up to 20% more revenue for web hosting servers in the global marketplace. Thanks to the bees!

CLOSURE/DOOR PRIZES: Door prizes awarded. Meeting concluded at 8:35pm

Joanie Kochanek, PBA Secretary