

C. Bonter, Wm. Rose, Chas. Rose, Rev. A. B. Maybee add Mrs. Maybee, Miss A. M. Levisconnte, Wm. Peck, Thomas Wright, A. J. Anderson, John J. Peck, Bruce E. Johnson, Miles Colwell and Mrs. Colwell, R. N. Hunt, Chas. Shears, and others.

The President called the meeting to order and called on J. H. Peck, Secretary, to read the minutes of last meeting which were read and confirmed.

The first question considered was "How are bees passing the winter." A discussion followed, a majority were in favour of having plenty of ventilation during the winter. The best temperature was 45 to 50 ° but the temperature was frequently kept as low as 30 °. W. C. Wells found light very objectionable, and bees sometimes left the hive. Mr. Dempsey found outside ventilation very desirable. Mr. Wells said he did not keep a queen more than two or three years as he found when queens became older they were not so prolific. Mr. Stafford said in changing queens he had the best success in smoking the hive and taking the black queen out, and substituting an Italian queen, he generally *daubed her with honey*, and by the time the bees removed the honey, they became reconciled to the new queen.

The next question was "how many bees can be kept to the *square mile*," After considerable discussion it was agreed that 100 to 150 colonies, or hives, could be profitably kept on a square mile.

E. R. Buller enquired as to which point of the compass was best to have the *hives face*, and considerable discussion followed. Some contended that a northern view was best while others favoured a southeastern view.

#### EVENING SESSION.

The next subject was bee pasturage. Mr. Stafford stated that he had proposed to plant 250 *Locust*, (Honey Locust). Mr. Wells said figwort was a good honey plant. Mr. Stafford named Blue Borage as a good honey plant. Mr. Chapman had found that 'Russian Mulberry' produced a good supply of honey.

Mr. Dempsey said Basswood could be transplanted by cutting out a sprout with a chip attached and if planted in September success was almost certain.

What distance is it safe to raise

queens when black bees are in existence. Mr. McLatchie said that depended on circumstances. If Italians were more numerous you would have but little trouble, but if black bees were more numerous, then you may expect a black queen occasionally.

#### VENTILATION.

Mr. McLatchie said he was opposed to the general principles or theories of ventilation as some say top and others that bottom ventilation is best, but I believe the correct principle of ventilation is perpendicular air chamber from bottom to top so that the different stratas of foul air or gasses may pass off more readily. Mr. Conger and Stafford favoured the plan of ventilation mentioned by Mr. McLatchie. Mr. Stafford said he was told of a case where ventilation was had by means of a stovepipe passing through the floor down to within one foot of the bottom of the cellar; that during the extreme cold weather that the damp air had formed into solid ice, which prevented ventilation, and had to be thawed out.

E. R. Buller said he kept his bees at a temperature at from 33 to 40 °.

E. R. Buller asked if any person had experienced any trouble with bee poisoning by Hellibore being placed on current bushes to kill the currant worms. He said cases had been mentioned to him where bee poison had been—caused in this way—but none of those present had ever met with this difficulty.

The question of separators was then discussed.

Mr. Wells preferred wooden separator.

The question of foundation was then discussed—Mr. Stafford said that adulterated wax would not work in his "Roller Mill." They always failed unless they got pure wax. The adulteration of wax was too prevalent and should be discountenanced by all beekeepers as a good article if honey could not be produced with adulterated foundation.

#### FRIDAY MORNING SESSION.

The first question, is it best to control or increase natural swarming. Mr. McLatchie said he found natural swarming the best as he found his colonies were much stronger and wintered better.

Which is most profitable Extracted or