

jection to surplus room, sufficient to hold 100 pounds of honey.

William Couse, Streetsville—I have used the Jones hive with super, and think the Jones hive with super, more liable to swarm out.

R. F. Holtermann—I think we are not paying sufficient attention to plenty of surplus room. I am not a hobbist upon frames, it depends more upon management, yet when we consider the general use of the Langstroth, is it not for that reason the best?

J. B. Hall, Woodstock—Wanted to know what made the Langstroth the standard frame, he thought it had no right to such a designation, he used the Quinby frame with very good results.

F. A. Gemmell, president.—Advocated small frames for extracting super.

William McEvoy—Did the same, remarking that they were excellent to catch the fruit bloom flow.

John Myers—Returning to the discussion on foundations, as opposed to drawn comb. stated, "I prefer full drawn comb. to sheets of foundation for extracting honey."

A. Pickett—I prefer foundation as I use the Jones hive.

Allen Pringle, Selby—Do you mean to say that if colonies are of equal strength, those on foundation will gather more honey than those on comb.

Mr. Pickett—Yes, although it seems unreasonable, I think the old comb requires more work to prepare it than the foundation.

Mr. Hall—That is correct.

S. Corneil, Lindsay—I think we should be very cautious about allowing such a statement to go abroad.

In reply to a question Mr. McEvoy admitted that very few had a surplus flow from fruit season, but claimed that many more would have such a flow if they wintered their bees properly.

W. C. Wells, Phillipston—I do not believe in half stories. I want all my frames of the same size. I like drawn comb better than foundation.

R. H. Myers thought foundation was a good investment. Rather spend your last dollar in foundation than go without.

S. T. Pettit, Belmont—In regard to foundation and comb it should be understood that comb is better than foundation. If combs are clean, as they should be, it is all right. I have had combs for twenty years and I never use them in the brood chamber. In reference to the practice of raising combs in the upper story, bees do prevented solely because that gives so many more empty combs below. I do not think this practice desirable, as brood combs are

mixed with the surplus and honey is often taken above in this way, which is not desirable and of inferior quality.

J. B. Hall—I do not think combs should be lifted to the upper story—again never have drone comb in the upper story without having some drone comb below, or the bees will leave the drone cells empty in the upper combs for the queen to deposit eggs in which she is prevented from doing owing to the perforated metal.

The Question was asked "Will dark comb color the honey?"

Wm. McEvoy Yes, until used a few times.

J. B. Hall—The light comb will be more free from moths.

J. R. Darling, Almonte—I can never get as good an article from dark combs. If water is put in the dark combs, the water will become colored.

W. C. Wells—After the comb has been cleaned I think it makes no difference.

A. E. Sherrington, Walkerton—I have concluded it does make a difference.

S. T. Pettit—If you use drone comb on swarms it is all right, otherwise the bees will leave such comb empty for drones. The bees attempt to force the queen through the perforated metal into the upper story. A queen is not likely to live as long with perforated metal in the hive, but for all that I use perforated metal and could not do without it.

Mr. Hall—I agree with Mr. Pettit.

Mr. Alpaugh—I use a lot of drone comb, in the upper story, it extracts more readily, but I give them some drone comb below to satisfy the queen.

EVENING SESSION.

The evening session was taken up by an address by R. McKnight, Owen Sound, Ont., upon "Honey." Mr. McKnight gave a very exhaustive address upon the distillation of nectar and atmospheric condition in connection therewith. The address was listened to with marked attention. The pleasure of the evening was enhanced by vocal and instrumental music. Mr. Corneil having made excellent arrangements in this direction.

THURSDAY 10 A. M.

The session opened by an address by R. F. Holtermann, the subject being

HOW TO MAKE BEE-KEEPING IN CANADA MORE PROFITABLE.

Greater exercise of intelligence, greater application, and greater thought, applied to any calling, makes it more remunerative and more profitable. In treating this subject however, it is not my intention to deal directly with that phase of the question.