

Now, ladies and gentlemen, I have given in brief the outline of my system of working. I will leave the matter, and any questions that may be asked I will be very pleased to answer.

Mr. Bortz—Do you use a queen excluder between your super and brood nest?

Mr. Aspinwall—No, I do not.

Mr. Bortz—Does the queen keep the combs supplied with eggs sufficiently; and during the time you use those slatted frames?

Mr. Aspinwall—She does.

Mr. Bortz—So that the brood raising does not increase with the use of slatted frames?

Mr. Aspinwall—No, nor is there chilling of the brood. I have produced from 35 colonies this year, an average of 123 sections filled with honey and self and one cell with brood.

Mr. Pettit—What was the thickness of those slatted frames?

Mr. Aspinwall— $\frac{3}{4}$  of an inch in the upper; an inch and a half in the lower compartment.

The President—For how many years have you tried this method?

Mr. Aspinwall—I have been trying it about ten years, but it has been subjected to many modifications.

The President—How long have you used it on that many hives?

Mr. Aspinwall—My experiments have been on between 40 and 45 hives every year for ten years, and this year the radical change of making all new hives in place. Next year it will be all new hives again, like those that proved to be the best last season.

The President—How many combs do you winter on?

Mr. Aspinwall—Seven.

Mr. Whitney—Do you extend them at all?

Mr. Aspinwall—Yes: I am satisfied with the drones that are produced in section boxes, and even the extending of the brood nest in the centre, as I

have known them when they have been crowded, is due to the crowded condition below; the queen can't possibly fulfil her duties. If you will examine colonies that have swarmed you will find in many instances patches of comb without an egg in. This is exceptional, however. That is because the queen has been crowded. She is then in the condition of the old queen that fails to fulfil her function in this respect and the bees immediately by the condition of things start queen cells.

Dr. Bohrer—Does your experience teach you that this is the universal or general rule?

Mr. Aspinwall—I think it is universal. I have tried it on that many colonies for so many years, and found it invariably true in my yard.

Mr. Wilcox (Wis.)—You made the statement that you average 123 sections per colony. Is the honey flow continuous from willow bloom to clover bloom?

Mr. Aspinwall—The willow bloom was very short this season, followed by half that number of days until apple bloom.

Mr. Wilcox—How long is that?

Mr. Aspinwall—We had clover about the 15th of June in our locality this year, and it lasted till the 23rd of July. I have no honey after that to speak of.

Mr. McEvoy—Did you feed any in that gap?

Mr. Aspinwall—No.

Mr. Wilcox—Do you feed, and how much, from the time the apple bloom ceased until the clover bloom began?

Mr. Aspinwall—I did not feed one ounce in the spring. My feeding is done in the autumn and nothing after that, for the last fifteen years.

Mr. Wilcox—It is possible in your locality if you had apple bloom that the bees store so much that it would carry them over that period, but it never is