

like to hear what Mr. Hall has to say about bees going into the cellar on five frames instead of ten.

Mr. J. B. Hall, Woodstock—If they are on five frames in the apiary I prefer to put them in the cellar on five frames; If they are on sixteen frames in the apiary, I prefer putting them there on sixteen frames. I prefer doing things with the least labor. As I told you before I was born tired.

Mr. C. W. Post, Trenton—I like a temperature of about forty-two to forty-five degrees, but if there is a draft and much cool air coming into the cellar to keep the temperature down I would rather have the temperature in the cellar a little higher rather than to go lower.

Mr. Hall—If I have to talk I would like to ask our friend who wrote the paper on Spring Management why he prefers all his queens clipped—that hasn't been asked him. Under all conditions I favor clipping queens.

Mr. Wm. McEvoy, Woodburn—I am in favor of clipping queens under every circumstance.

Mr. A. Boomer, Lynwood—I was very much interested in the paper which Mr. Sibbald read, more particularly so because he happens to be a relative of my own, and because I am largely interested now in that particular class of bee-keeping, or at least in spring management of bees, and I was very anxious to hear anything that might be said on the subject that would help me in that particular. I have read a good deal about setting bees out just exactly where they were before; I have read those who believed in it and those who did not believe in it. Last year I wintered largely outside, and I put the bees in, not having any help. I put them in somewhat hurriedly, and then it was a consideration to me in the Spring in putting them out whether I was going to have difficulty in the making up. I took out about half of them one day to see what the effect would be, and spread them somewhat over the yard, and I have to say here now that I found no such difficulty as my friend has intimated in his paper. The bees kept very well to their own hives, and there was no scattering around that I could discover. On looking them over afterwards I found that they were in very much the same condition as they came out of the cellar. If some of them had strayed to other hives there were some had come the other way perhaps. At any rate I could not see that there was any difficulty in that respect whatever. On setting out the rest

I found they kept very well to their own hives, and upon the whole I couldn't see that there was anything worth the trouble and bother of making the locations and the hives. Not a single colony that I wintered in the cellar had died, and not a single one of those colonies was queenless in the Spring, and every one of them came safely through the Spring, whilst one or two that were wintered outside lost their queens. Now, as to the clipping of queens, I have had no experience further than in the purchase of queens, and so far, my experience with clippings queens is not favorable to that. I have found that the bees superseded the clipped queens before they were two years old almost as a rule. Those colonies into which I introduced clipped queens, and knew they had been safely introduced, they would swarm the second or third year at least, and the queen would be an unclipped queen. I know that a queen I bought a year ago this Spring, and was guaranteed to be one year old then, was superseded this summer, and it disturbs the hive considerably to have them supersede the queen. Then again, I have had no trouble whatever with absconding swarms. Having a considerable number of small trees around the yard I have not found any colony to swarm without first lighting, and it seemed to me to be less trouble to take care of these swarms than to watch the clipped queens. So that so far, from the experience I have had, I am not in favor of the clipping of queens. Otherwise the paper my friend here has read is certainly very interesting to me. There are many points that I think worthy of note, and I shall think of them, and read his paper again when it comes into print. There is just one thing he had no remarks upon that I would touch, that is, the removal of drone comb from the hive in the Spring. I presume he is careful to see that there is a little drone comb left, but he made no remark as to that. On looking over the colonies I try to replace any drone comb there is with good comb, and in this way to keep down the drones as much as possible, because I fully believe that the raising of a lot of drones stimulates swarming. One season when I carefully removed drone comb I was not troubled with swarms at all, and yet my young friend here, I suppose, has had more experience and more instruction in bee-keeping than I have had myself, so I would not like to criticise his paper too closely. I appreciate it very much.

Mr. Hall—My aged brother across the road, of course we can sympathize with