

honey in the spring when the cappings burst and it runs out like water?

Mr. Brown : I consider it has been kept in an improper place; too damp and cold; the honey is fermented and sour and cold and that has been the cause of its bursting and running out.

Question 10. Is there any advantage in shallow frames for extracted honey?

Mr. Brown : There may be but I fail to see it. I have never tried a shallow frame therefore I don't know much about it. I have tried the Langstroth and another called the Gallup. I think this question comes pretty nearly down to the Hedden hive, the question of which is the best hive- I can't say there is any advantage except in a very poor flow of honey; there may be some advantage there.

Mr. Miller : I use the Hedden hive, shallow frame, and I find it is of just as much advantage in extracting as for comb honey. The supers are shallow; the frame is only 5 3-8 and instead of handling the frames we set the super off and allow the bees to go out, and take in a full super. We never open the hive from the top to take frames out and brush the bees off. We handle the whole super, 25 pounds; when it goes into the extracting room we find it an advantage there over handling the hanging frames. The frame is narrow; the knife passes over the whole width quickly, there is no digging out of an unequal surface. And by having your extracting room arrangement completed you take the whole super into the extractor, and it is filled with one operation. We find in handling them for speed that they are a convenience.

Mr. Evans : Don't you find a lot of

bees on those frames when carrying them in?

Mr. Miller: No, none. Possibly in the super there will be a dozen or eight or ten bees which will at once fly to the screen and no more trouble. We never think of brushing or removing a frame. Of course they are left on until they are capped; we tier up until the tops are ready to go on, or possibly take two off at one time.

Mr. Armstrong : I would like to ask Mr. Miller if he could handle 16 frames out of the Hedden hive as quickly as he could 8 frames out of the Langstroth hive.

Mr. Miller : In the Hedden hive we have cases; 16 cases are exactly equal to 10 of the Langstroth and I may say yes and no; it depends on how you handle those 16 frames; we handle them in cases and we certainly can handle them more rapidly than you can handle your eight or ten Langstroth, taking the season through. It doesn't matter what stage of the season's work you are in, if you have sufficient Hedden hives and you have to have special short cuts you will find short cuts that you can adopt with this system of management as with hanging frames.

Mr. Armstrong : The point I wanted to get at was this. You have 16 frames sitting along side of the extractor and you have got 8 frames there. Which can you get the honey out of the quickest?

Mr. Miller: I can take it out of the 16 Hedden while you are taking them out of the 8 Langstroth every time; because the surfaces are shallow and the knife passes more quickly over the comb.*

Mr. Craig : Is there no advantage

*[It might be explained that Mr. Miller's large reversible extractor extracts eight Hedden frames at one time.—Ed].