

much trouble but what the bees will enter them quite readily.

Mr. Couse—Do you put a card of brood up?

Mr. Newton—No.

Mr. McEvoy—Mr. Newton works mostly for comb honey, and his uncapping box is large enough for that, and the way he drains it all right, but if he had 100 or more colonies of bees, the uncapping arrangement is altogether too small.

Mr. Hall—You neither understand what Mr. Newton is talking about. Mr. Newton has given it to you very intelligently; it is not his fault; it is the fault of you gentlemen that do not do as we do. Mr. Newton does not use any comb for extracting purposes that he uses in his brood nest; nor do any with whom Mr. Newton is connected, do it; they keep extracting combs for extracting purposes. Mr. Newton does not want to put up the brood to coax his bees up, it is because he would have pollen there and his combs would not keep after he laid them aside. Mr. Newton's combs, if he does not use them, will be clean and free from moths; the only thing that will eat them is the mice.

Mr. Dickenson—Mr. Newton says he goes to the smoker and takes out the comb. When I go to the smoker I take off the super. I am sure that it is ready before I take it off and set it down; I turn over the cover and throw it upside down; my covers have flanges on, and I let it stay there and strip off the blanket. That, remember, is the first extracting; that rule does not apply when you are extracting for the last time. The bees will commence to leave that; sometimes they leave it sooner than others. Some swarms of bees will leave quicker than they will on another, but as a rule if you come back in about an hour you will find the bees are pretty well out; I come along with a wheelbarrow and I put on three of those crates. If the bees have not all gone out I take them out, but I find frequently I can pick up some that I do not have to take any bees out of.

Mr. Newton—With regard to your method, I would not like to do that. I think if I set down my honey and leave it standing for an hour and then took it to the extracting room and tried to throw it out I think it will be like what I mentioned, sticky bee-keepers and sticky honey makers, because it would come out in strings. Mr. McEvoy said that if I had a couple of hundred hives for extracting, the way I used my cappings, my method

would not answer. I would just have so many more solar wax extractors, and so many more screens, and I would work it just the same if I had 200 as I would the way I am doing now. If you leave your cappings to the end of the season they get granulated and if you wash them for vinegar, you know what a work it is. Before night comes on my cappings are into wax and there is no washing for vinegar.

Mr. Darling—Do you not find that the heat of the solar extractor darkens the honey?

Mr. Newton—I do not; nothing that you could notice; if it is the right solar extractor and rightly fixed. The only difference I can see is that it is a little thicker.

Mr. Couse—How do you do it?

Mr. Newton—My extractor is the same as Mr. McEvoy's. I think it should be shaded.

Mr. McEvoy—Shift the tin under.

Mr. Newton—You cannot do it that way exactly.

Mr. Dickenson—With regard to warming up those combs, that does not concern me at all; it is so warm in my honey house that I can hardly stand it.

Mr. Hall—That is on a warm day. We have to take our honey in October.

Mr. Dickenson—I don't extract in October. I extract when my honey is ripe, when it is all capped. I have taken off five crates of well capped honey from one colony.

Mr. Hall—At one time?

Mr. Dickenson—No.

Mr. Holtermann—I know quite a number of bee-keepers desire to see what is called the deep cell foundation. I will put it on the table.

Mr. Best—This paper reminds me very much of a man's orchard; he found a great number of sticks and stones under the best apple trees. I think this paper has brought out a great deal of discussion and I am pleased to see that it has. The picking at the paper shows, I think, the good quality of it; and I think if he has a chance to express himself he will show that the course that he has pursued has not been far astray. I take great pleasure in moving a vote of thanks to Mr. Newton for his valuable paper.

Mr. McEvoy—I second that.

Mr. Darling—You say, Mr. Newton, that you shade the honey receptacle. How do you do it?

Mr. Newton—With a small piece of board right under the dish, or whatever it may be you are running your wax into;