

Mr. Miller: Mr. Newton in his paper said he left the swarm five days. The colony in that case with my management would swarm in a large percentage of cases and as to the escapes, I use them; I would not think of doing without them. The perforated divisions I have not used sufficiently to say any thing about them. With regard to half supers Mr. Hall gave us very good reasons for their use. My hives being out I use five frame equal to five Langstroth frames, but I have brood under the whole super, I have no use for those half supers. I use the Heddon hive and have brood under my whole super surface.

Mr. Newton: I thought I was using a very low estimate in mentioning five days because I did not know that we had any swarms at that time.

Mr. Hall: I have fifty hives the same as this gentlemen uses, and I have 150 supers on them, and I have the same objection to those supers, I use them because I have that hive and those supers fit them. Then, I very often have a swarm of bees because I don't like to give them another full super of 28 sections. It is the first part of the season and the end of the season where the small supers have the superiority. I have 150 of those very supers, and they are good; I don't use them as the maker intended them to be used. I never take out one uncapped comb and put it into the centre so that it will be finished, and I never turn the super over because my bees fill the bottom better than the top; I never move the wide frames which hold four sections because I have not the time. I fill the thing full of foundation. I guess that it was calculated to be used with little bits, and that reversing was intended on that account.

Mr. Heise: I conducted a experi-

ment some two years ago. I had a board something after that style (shows), and there was an escape at each of those points, 8 or 9 all facing the one way; I had then a Porter back of that three inches, and then a double escape, making in all 13 escapes. I piled up about five supers, and put the escape board on top. The bees started to rush out of the super at the side, and 90 per cent. came out of that one space.

Mr. Hall: They come out where the sun is.

Mr. Craig: There has been a great deal said about escapes; I don't want to say anything for them or against them only that in our own experience while we have an abundance of escapes we have used a carbolitic cloth instead of either smoke or escapes, a small quantity of carbolitic acid added to a quantity of water, and put on cotton cloth. There is no danger of any taint as the acid is volatile.

Mr. Darling: You spread that carbolized cloth over the super when it is on the hive before you take it off?

Mr. Craig: Yes.

Mr. Brown: How long should it be on before it is taken off?

Mr. Craig: Just a few seconds.

Mr. Hall: I put these things on in the afternoon, I do not like to work in the sun so in the morning I get around with the wheel-barrow and wheel load after load into my room, and I take off my escapes at my convenience. They may be on a day or two before they come off.

Mr. Armstrong: I wish those who do not use queen excluders would say how they rid their supers of bees without the bee escapes.

Mr. Newton: I give them a good blast of smoke, and grab up the super of