The President declared the paper m secopen for discussion. can ba supers

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Mr. McEvoy-One point in the paper read was as to shaking Bees on to comb, Some people complain that these colonies would grow weak in a few days after, but my plan is to put a cone bee-escape across the front after five or six days for a few hours; the bees come out and they cannot get back into it again. Then you can send your bees where you want to. Another point is that the queen destroys the young queens because the guards are off the the cells. The first queen that hatches will do it.

Mr. Holtermann-I think that the subject that we have here to-night is one of the most important subjects that is going to be brought before this convention, that is, the control of the increase. We have had different methods given to us. The paper, I think is very good one and very exhaustive. tried think that there is a method which an be given in addition to what has y swarm een here. Some four or five years ago began bee-keeping again, and the eight or riting of the Dadants had made uite an impression on me, for I alrays looked upon them as very sucessful bee-keepers, and good- sound asoners; and their observations led e to adopt a larger hive. I had been strong advocate of the eight-frame

n queen-if larvae ach time his class system." t swarm, angstroth hive up to that time, and to them adopted a 12-frame Langstroth hive. ie alighthat Mr. Stachelhausen says is coran build ct. I think the basis or the beginimportng of the successful control of inconsists ease is large colonies. Now there fully ith e several features which come into rdly pos y in the control of increase. First ed excluall the general impression is that ay be the time to note the swarming impulse when the eggs are deposited in the Atlantic en-cell cups. I think in that pracple is par we make a mistake. I think that s founda first indication towards swarming lhausen he drone-brood; but we will let that

alone, because in a great many cases they may not swarm at all. But the next is when cell-cups are built. have had men say to me: "I see cellcups built in many cases and no swarming." That is true. The conditions may change, and so on, so that they will not swarm when cell-cups are built, but that is the very reason why we should note that. In my manipulation in the apiary, when I see cell-cups built, I take it as a hint that the bees are drifting very closely towards swarming, and that is the time, in my estimation, that the brood should be taken out, if at all, unless you are approaching, as far as you can tell the close of the honey season. and then you do not need to do that.

The next point I find, and I think where bee-keepers make such very great mistakes, is in the amount of super-room given to the bees. I don't know how it is over here, perhaps as fully as it is in Canada. But the general method is to give an extracting super to a colony of bees. I am satisfied as long as we think we can run our bees successfully with only one super, so long we will not make the most out of our bees, or succeed in keeping down swarming to the greafest extent. No one should think of taking extracted honey without having at least an average of two supers to the hive.

Then there is the matter of ventilation. I would like to take you into a frame building on a hot summer day with a % inch board roof, and very little ventilation, and put you at work extracting; and yet there are ninetenths of the bee-keepers who consider it economy to have half that, and have no more protection than that % inch board; and they have what is equal to a stove in addition in that building, in the young bees and brood in the hive. I consider it a very gross extravagance to use a hive with as

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