

But, there is a difficulty here and not one has touched upon it; I will guarantee Mr. Hall has met with it; sometimes we have maybe three swarms in the air at one time and there chances to be one or two young queens that come out for a fly; they get in that swarm and you would not have to wait very long before you would see them go to the bush. I believe in clipping the queens because it saves a good deal of trouble.

Mr. Alpaugh—I do not think you will find an old swarm go away with a young queen; that is, a swarm that has had an old queen.

Mr. Darling—I have had it done, and have had them leave the old queen there and have had to kill it.

Mr. Alpaugh—They found the swarm with a young queen and an old queen to; they would not go to the woods with a strange young queen.

Mr. Hall—From personal experience, with your permission, I can corroborate what Mr. Alpaugh says. You cannot have a swarm of bees fly away with a young queen belonging to another hive; that does not take place and cannot take place because it is not natural. I have had the experience of the old queen and the young queen coming out together. Mr. Darling received a queen from me; there was a queen of that kind and it came out on the Sabbath, it was just before dinner and it was lying on one of these little new thorn hedges we are putting out; we went to dinner and when I was coming from dinner they were going to the woods. I had my old queen in the cage and I went to the hive and I saw there were other young queens there. This swarm of bees had got its young queen and I had got the mother at home. But, they went off to the woods. Another time there were three swarms of bees hanging on the apple trees and I had bundled two of them into a hive and the other one went back where its queen was; we hunted around and found the queen in the grass. I hadn't got things settled and they came out again and I said, they are going to the woods, but not so. They went to the hives. They went to where they came from; when I went there there were bees there; they had simply gone in with a small swarm with a young queen, and the small swarm with the young queen stayed where they were put.

Mr. Holmes—What is likely to occur if the attendant or man in charge of the yard happens to be off duty when a swarm issues with a clipped queen?

Mr. Hall—The bees come back again

mostly; the mother goes back with them. That is the only way you can run out apiaries. I go out to my apiaries once a week. If they swarm they will have to go back again and then they will swarm again the next day. Very likely they will get dissatisfied with the mother and they will kill her. If the queen is there and the cells are capped we know what to do. They will go back again and the mother will go back again; she does not want to go to the woods. We have got erroneous notions from these John Bulls and these Dutchmen as well, as to the queen leading off a swarm. She is not a queen, she is a mother; old queens never lead off a swarm. She is never out until after the bees are out; and she does not want to come out, therefore, an old queen never leads off a swarm.

Mr. Darling—Did you ever see the bees crowd them out behind?

Mr. Hall—I can't say that I have.

Mr. Hoshal—I have been wondering if there is any difference in bees as to their hiving qualities the same as there is in their honey gathering qualities?

Mr. Darling—Yes. Some of them come out and if they come out a second time you cannot get them to go back again; they will go anywhere in the world.

Mr. Hoshal—What made me ask the question was principally this, I have not been in the habit of clipping, but in these Conventions I find that there are bee keepers who do clip and it makes me somewhat sceptical in my position as to whether I have got the right end of the thread or not.

Mr. Alpaugh—If you place your hives along in rows, very uniform, just so far apart, you will have any amount of trouble in your swarms returning; if they cannot get into a hive they will go into the next one, and follow right along. But if you turn your hives in clumps, four in a clump there, and another clump here, you will have no trouble in the world; they will find their own hive every time.

Mr. McEvoy—In a swarm returning to the wrong hive what would you do?

Mr. Alpaugh—I just stuff up the hives with anything.

Mr. McEvoy—I have tried throwing a cloth over them, but of late years I find the best thing is to get a Winchester Red Smoker and I can cover the hive.

Mr. McKnight concluded the evening session by giving an interesting reading entitled "Shaun McLean's Wedding."

Mr. W. M. Orr, Fruit Lands, who has charge of the government fruit spraying experiments gave an address. Mr. Orr