

bee paralysis, and what it is I do not know, and when they get the good honey it seems to cease; but keep them till next season and it will appear in those colonies again.

Mr. POST: Would re-queening have any effect?

Mr. McEVoy: That is certainly the cure.

Mr. ARMSTRONG: Did you ever remove the queen and find that it disappeared?

Mr. HALL: Yes.

Mr. McEVoy: I have had that experience.

Mr. McKNIGHT: What are the symptoms of bee paralysis?

Mr. HALL: Those are they—the bees quivering and running around.

Mr. McKNIGHT: Have you any idea of the cause?

Mr. HALL: No.

Mr. CHRYSLER: I heard one man say that he cured it with salt, but I have not very much faith in his ideas.

A MEMBER: Might not this paralysis you are speaking of be caused by getting poison?

Mr. HALL: Poisoned bees run away from the hive.

Mr. SIBBALD: I have had a case of poisoning, and a case of what I thought was bee-paralysis, and there is a difference. In poisoning they go out and seem bloated and swollen, and they lie out in numbers in front of the hive in the grass and live there for perhaps a day. With this paralysis they do not seem bloated, and they come out and go back in again, and some would die on the front board.

Mr. HALL: In other words they do not want to leave home.

Mr. SIBBALD: And the cure that has been mentioned, the changing of the queen seems to do away with it at once.

Mr. DICKSON: In this case it certainly was not poison, because they would run in and come out. There was one I was really sorry to destroy.

Mr. McKNIGHT: I think this disease known as bee paralysis is just as somebody suggested, poisoned bees, and I think that arises from spraying of fruit trees when it is illegal and when it is legal. I believe the spraying of fruit trees is a great detriment to bee-keepers, even when it is carried out in accordance with the law. The law simply prevents people from spraying trees during bloom time. A large proportion of the poison goes upon the foliage of the tree, and the bees need water, and they will gather it anywhere, and I have seen them sipping up the dew from the foliage of these trees where the poison has been dropped. I have seen bees curled up dead upon potato vines, and my opinion is that whether spraying is done in fruit bloom or after, it is still an injury to bee-keepers.

Mr. HALL: My observations with poisoned bees is that ninety-five per cent. of them are bees that have never flown from the hive, and I believe they are poisoned by the worker bees that bring it home. But with regard to these bees that have bee paralysis, as it is called, the hives will have it the next season as well as this season. These bees want to get into the hive, and the poisoned bees want to get away.

Mr. DARLING: I think Mr. McKnight is right in his statement with regard to poisoning after the bloom has gone. In my section there is not much trouble with spraying, and I have had it before there is spraying done.

Mr. BROWN: There is very little spraying done in our immediate section, and I have seen bees acting as Mr. Dickson described, and I cannot put it down to spraying; but I am satisfied that where spraying is done extensively the poison on the foliage will poison the bees.

Mr. EVANS: I think the danger in spraying leaves and trees when not in bloom is very slight. Just across the fence from my place is an orchard which was sprayed, and the matter sprayed remained on the leaves a long time, but I found no evil results. I do not think any statement should go out that bees are injured by spraying except when trees are in bloom, and I think we ought to hold the restriction we have now.

Mr. McKNIGHT: Was bee paralysis ever known or spoken of till tree spraying began?

Mr. POST: Yes. I have had cases of so-called bee paralysis about fifteen years ago, and I do not know whether there was spraying done before that date or not.

Mr. ARMSTRONG: I have had it and I laid it down to the queen, and I have killed the queen and it disappeared.

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