

through the winter. If he has not fed them in September it is better to kill them and save the comb.

Mr. Brown: A gentleman down in the Inland Revenue Department asked me that very question yesterday. The plan he proposed of feeding was to have the hive covered with an oiled quilt and to cut a hole in the center of the quilt and place the syrup in a super on top of the hive so that the bees could come up through the hole in the quilt and take the food out. The hives were not piled up one on top of the other.

The President: I think if time is worth anything he could buy a new swarm of bees in the spring just as cheap as he could fuss with them.

Mr. Timbers: I started to feed a swarm liquid syrup until I set the colony in the cellar; after I put it in the cellar I fed candy on top of the whole winter and that colony came out in the spring just as well as any.

Q. What benefit has the Hill device under the cloth for wintering bees?

Mr. Pettit: That is an arrangement which holds up the cloth over the frames so that there is a space between the cloth and the frames, allowing the bees to pass over from one space to another, going from one side of the cluster to the other, crosswise of the comb. The advantage I see in this device is that it allows the bees to move more freely from one side to the other, as the cluster has to move for stores and for other purposes. If there is no way for them to move over the top they must either stay where they are and starve or go to the bottom of the comb and cross and then up. When it is cold at the bottom they will probably get chilled before they get around. I find the Hill device necessary in outside wintering.

Q. Will bees carry eggs up from

the brood chamber into the extracting super?

Mr. Pettit: I don't know. I know they will move them from one comb to another.

Mr. Gemmel: I agree with Mr. Pettit.

Mr. Switzer: I have had a number of hives this summer and have had perhaps half a dozen or maybe a dozen cells in the extracting combs in the super and how they got there was a puzzle to me. It was drone brood.

Q. If you wished to get a new set of extracting combs would you use starters or full sheets of foundation?

Mr. Pettit: At the present price of wax I rather think I would use starters, but for general purposes combs built on full sheets of foundation are preferable because they can be used any place and when filled with honey can be put in the brood chamber for winter feeding and it is much better to have all the worker comb if you can, but it is rather expensive.

Mr. Gemmel: You would have the foundation wired?

Mr. Pettit: Were you going to put it into the brood chamber, yes.

Mr. Gemmel: Upstairs?

Mr. Pettit: That depends on the management. With the Langstroth length I think it would probably be better. Our comb is shorter than Langstroth's and I find no necessity for wires.

Mr. Hall: I believe there is money saved by using full sheets of foundation with price of wax as it is today.

Use full sheets every time.

Mr. Gemmel: And wire.

Mr. Hall: Oh, yes, because you can have those for extracting honey the first season without hurting your comb and forever after.

Mr. Holterman: I would fully