

to remain for the winter.

Mr. Holmes: Do you remove the propolis cloth for wintering?

Mr. Post: I don't have a propolis cloth; I couldn't be hired to have one.

Mr. Hall: It is a dirty thing.

Mr. Gemmell: I am glad you have come to our rescue. I was defending the plain board for a cover and they voted it down.

Mr. Hall: They haven't tried it or they wouldn't have voted it down.

Mr. Gemmell: The only difference between us is the way of doing it. I want to thank Mr. McEvoy for telling us about the leaves.

Mr. Miller: I wintered indoors successfully for a number of years by removing my hives from the bottom boards when I put them in. I placed one hive on top of two covers. Of late I have been wintering outdoors with shavings; I like them much better than the forest leaves.

Mr. Gemmell: What is your entrance?

Mr. Miller: I leave the full width of the hive, one-half an inch, with a block at the front of the breach, leaving about an inch actual entrance.

Mr. Post: In wintering outside do you elevate the back end of the hive much?

Mr. Miller: I do, by putting packing under it.

Mr. Post: But the hive proper is raised behind?

Mr. Miller: Yes; I elevate it probably three inches; sometimes I remove the cover and sometimes I do

Mr. Smith: Do I understand, Mr. Post, that you use the cushion and the leaves right on top of the frames?

Mr. Post: There is a cloth laid over the top of the frames, although lined with cloth over the bottom, I do that to prevent the bees in

the early spring putting propolis on the cushion.

Mr. Smith: I was under the impression you didn't use a cloth. (Laughter)

Mr. Heise: Mr. Sibbald in his paper mentioned four different kinds of packing, sawdust, chaff, cork shavings and leaves. I would like to know, in using those leaves, whether they are compressed or only put in loosely?

Mr. Evans: I don't think Mr. Sibbald was speaking of wintering outside; I think he winters altogether in the cellar.

Mr. Heise: This was outside.

Mr. McEvoy: There was another thing, keeping the snow away from the entrance.

Mr. Post: I place a small piece of board in front of the entrance to keep the snow from drifting in and to keep the cold wind out.

Mr. McKnight: We have heard a good deal about the material used for packing. Chaff has been spoken of here. If chaff is ever put as packing on top of the hive no greater mistake could be committed, because it will absorb the moisture. What is up there should not be an absorbent, it should be a transmitter to allow the air to pass through and not to confine it. Chaff will mildew at the sides. If it is kept perfectly dry it is right enough, but if the least dampness gets in it will do the same thing around the sides. I quite agree with Mr. Cogshall as to the utility of the sawdust. I question very much if forest leaves are any better than sawdust of the right kind. It answers the purpose, and it answers it admirably, but it is not every kind of sawdust that should be used. No green sawdust should be used in packing. The sawdust that should be used is the sawdust you get in the planing mill from dry boards. Cork dust has been spoken of; that is better than