just one thing The treatthe infected 9 by Schirach, and if we are the originator ; not the man

Was not the Evoy? bably original ated long be

ks. as been thor Two rance. to me: Now t everything lan the best cEvoy' treat ave only had

have had to I found that a neighbor's treat the first y was treated

I have no confidence in bees. I shall 1g a diseased to which the and an add 1 I place the s are shake ioned is cormes are lifte

Mr. Smith. If you wait till evening you will never get through.

Mr. Muth. Do you use smoke in that operation ?

Mr. Smith. I use no smoke.

Mr. Muth. How long do you keep the bees on the strips of foundation; do you feed them right away?

Mr. Smith. Yes.

Mr. Muth. You don't believe in starving them at all?

Mr. Smith. No, because the bees coming from the fields are loaded with honey. Mr. Muth. Do I understand that the

bees have these bacteria all over them?

Dr. Phillips. Yes. they have the con-mination on them, When they are tamination on them. shaken they of course have it all over them, and when they are shaken off they doubtless take the bacteria with them.

The McEvoy system is the radical treatment of shaking twice, which the majority of bee keepers do not use.

Mr. York. If I mistake not, Mr. Mc-Evoy recommends the second shaking.

Dr. Phillips. He recommends the second shaking after the bees begin to drop from starvation.

Question What do you do with the unhatched brood in the infected hive?

Mr. Smith. My recommendation is to destroy the whole thing.

EFFECT OF RE-QUEENING ON DISEASE

Mr. Dadant. Has removing the queens nt other bee any value in treating the two diseases? e the old in Alexander, Simmins and others have replace put commended removing the queens. Is frames, with this of any value in either disease?

mes are lifte Doctor Phillips. As has been stated be-front of the fore to-day, I spent four weeks last spring up in the third with the inspectors of New York State in the middle d European foul brood are found in that ey in the field. Both American foul brood and the middle d European foul brood are found in that state, but practically the same method ll at night. How do you Doctor Phillips. As has been stated bebe diseased are shaken according to the

out the hive method which has been described several and have times in this meeting. ng salt wated. In order to save any healthy brood ien you shaw which is found in colonies infected with ney, do the disease, the sealed brood from several colonies, four to eight, is piled up in hive right on the bodies above a weak colony which is frames hat diseased. In seven to ten days all the brood which is worth saving will have m off during emerged and the weak colony will have t not better been changed to one strong enough to treat. This colony is then treated by the shaking method as were the others, There is no necessity of waiting more than ten days, for brood which was unsealed when the brood was first attacked will scarcely be fed sufficiently to emerge.

In addition to this treatment, the inspectors recommend the introduction of young, vigorous Italian queens from good It has been shown repeatedly stock. that Italian bees a. less liable to disease than most of the black bees, especially of degenerate stock, as is so much of the black stock when no attention is paid to improvement. In a phamplet issued in 1903 by the inspectors of New York, the introduction of Italian brood was recommended. This is not advocated as a cure, however, but merely as a means of protecting the colony against future infection.

Mr. France. I visited a yard last year where there were 22 infected colonies. The owner wished to save some new drawn-out combs that were on hives free from the disease. As an experiment we used foundation with half of the colonies and in the others we put the new combs. Eleven had to be treated again, while the others, right in the same yard, did not. You can kill the germs in the honey, but you have to boil it until it is as black as molasses to do it.

Mr. Louis Scholl (Texas). I do not know that I can say much about treat-ment in Texas. We do not rely on the shaking treatment at all. Whenever we have had foul brood we have tried something as radical as could be practicedthat is, the burning of the diseased colonies. There is one trouble that we have here in shaking the bees, and that is that if we treat the bees during the honey flow there is so much danger of shaking out the honey and starting the disease again in that way. The other thing with which we have to contend is robbing. During a honey flow there is a good deal of inside robbing almost all the time. Until we find something that is absolutely sure and absolutely a good thing, we shall resort to the burning of colonies whenever we find them infected. The way we use the fire treatment is to inspect the yards and then toward evening we dig a pit about 10 feet wide, according to the number of colonies to be treated, and build a brush fire. By the time we have that burning well we go to the colonies that are to be "treated" and use sulpher in a smoker

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