

feeding back extracted honey is concerned, the bees did not winter very well on it. We had great losses. I think it is necessary sometimes to feed the syrup warm. As regards the weight of the hives, I do not put any particular weight on the hives; it is about as fair to say what a hive in the general terms should weigh as what a good bee-keeper should weigh. There is a great difference in the size of hives, and it would hardly be safe to say what weight you should put on. It might be too high or too low. We should not give the bees too much feed, though many bee-keepers think they will not winter well without much feed.

Mr. Timbers—Can bees ripen syrup or honey if it is too late to cap it over?

Mr. Nolan—I think they would ripen it later than they would cap it. I think perhaps if syrup is well ripened it is as good as if it were capped.

Mr. Grosjean—I had one very light colony. There was not more than three or four pounds of honey in the hive when I took them into the cellar. It was very full of bees, and I did not like to disturb them in the cellar. I could not find any frame but what was covered with bees, so I took them and fed them about 15 pounds of one-third honey, one-third water and one-third sugar. It was buckwheat honey. I made it warm and took it down the cellar and fed them. I looked at them a day or so afterwards and they were quiet. Then I made up my mind that should do them till the spring, but I found I had to give them more later on, and they were the best hive I ever had. I got 40 to 50 pounds more honey from them than from any other hive.

Mr. Laing—Mr. Nolan touched on one point; he said that the colony must not be too strong. A colony in normal condition, one which is generally strong, not too weak, will winter bet-

ter than a really powerful one. I would like to have your opinion on this.

Mr. Nolan—That is in reference to colonies united.

Mr. Roach—Three years ago I had an exceedingly strong colony. I was much disturbed about it. It was wintering outside till about Christmas. I left them alone, and in the spring they were starving. That is an over-strong colony.

Mr. Hershiser—The question has been raised as to ripening stores. I want to know exactly what is meant by the ripening of stores. I understand if stores are ripened they will be capped over. If it is not capped will it not do just as well?

Mr. McEvoy—Not quite.

Mr. Brunne—Speaking of feeding—I never lose any more through feeding in the winter. If I winter in the cellar I can feed the bees at any time with success. I use half water and half best granulated sugar. I find it answers better than honey, and it is also far cheaper, and for that reason I get more money in my pocket. As far as feeding up is concerned, I feed up by the first of October. If you have a house cellar put them in it, but have them lifted a little so that you can get to them more easily. I said half water and half sugar, but I think it better to have it a little strong, so that better proportions are three parts sugar and two water, and you can feed them in the cellar any time at all.

Mr. Evans—There are different cellars. Some will not do to put bees in with uncapped honey, and some will. I like to feed the bees as late as they will take it. If I feed them early and again late in the fall it is all turned into bees and the hives are short again. I use the old Canadian feeder made by Jones, which I think is the best feeder

made in the world well up and kept it keeps the bees spring. I would in the cellar then.

Mr. Taylor—A 25 colonies two them in his cella

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(By F. G. Wh

For several reasons exists as to the knowledge of bee that this circular which will to some subject of America bacteriological points symptoms of this Circular No. 79 of entomology, entitled "The Bees." America prevalent disease judging from reports Europe and from European bee journals a prevalent one there diseased condition, examined, and to which European foul brood. When the author of bee diseases in the observed, in combs of can foul brood, in the dead larvae, known very large number called to grow when media ordinarily used it was clear, then,