

California, when there is a very large flow of honey, with the bees filling the combs with honey to the exclusion of the brood?

Frank Benton—I have shown this condition with any of these Eastern bees, and I ought, perhaps, to supply from the Cyprians and Holy Lands to a certain extent. I merely intend that, I think, as crossing material and breeding material, the Cyprians are to be preferred to the Holy Lands, and that rather gentle Cyprians can be found on the average. Now, when it comes down to the the question, any of these Eastern races will introduce that element of prolificness, swift flight, strong wing power, energy in collecting, and if we can only avoid that sharpness of disposition by the introduction of gentle qualities from the male element, then we could meet all these conditions and get bees where there was an early flow, and we want them to go through the winter in powerful colonies; where the flow comes especially during the winter they would be especially valuable in keeping up the brood-rearing, storing their surplus in supers, and keeping the body of the hive well filled, whether the honey is coming in in that manner.

Another point, their continuous industry causes them, when other bees slack up and do nothing, to keep up enough to keep up the honey. That is not the case with the Italians. Then their lack of hardiness causes them to dwindle easily, and we prevent this by combining with one of the Eastern races, whichever one of them be preferred.

Now, just one word more. I mentioned the Caucasian race of bees. I have had very little experience with them, but I am very favorably impressed with them, and it is quite possible that we will have there a

moral element that will be preferable even to the Carniolans.

T. O. Andrews—It seems to me that we are devoting a sight of time to questions that have been gone over time and time again. There are a thousand and one important questions relative to foul brood, treatment of foul brood, and things that are vitally important. As to this question of Cyprian bees—"Holy Terrors," I call them—I was very glad when they decided they would not live in my climate. Every one to his notion in this, just as in the matter of the hot knife or cold knife. I move that we proceed to election of officers, and then to the question-box.

The following officers were then chosen to serve for the year 1904:

President—J. U. Harris, of Grand Junction, Colo.

Vice-President—C. P. Dadant, of Hamilton, Ill.

Secretary—George W. Broadbeck, of Los Angeles, Calif.--A.B.J.

Instincts Acquired by the Worker Transmitted by the Queen.

BY DR. A. W. SMYTH.

The instincts of animals, however acquired, are always transmitted through parents to their offspring, but in the case of bees and a few other insects this natural law would seem to be reversed.

If we introduce into a colony of native bees a queen bee from Minorca, the whole colony will soon be composed of Minorcan bees. Towards the end of summer the worker bees will barricade the entrance to the hive by building a series of columns of wax and propolis across the entrance, leaving openings between the columns for the bees to