

sugar. What I read from this down was all said to be genuine, 16.10, 17.39, 16.99, 16.28, 17.97, 16.94, 17.55, 17.15, 14.86, 15.20, 13.70, 15.20, 32.7, not adulterated; no foreign substance detected.

Mr. Hall—That might be; there is a lot of water in it.

The president—Both of these samples were obtained in Scaforth, Ontario. 27.6, 30.4, 26.8, those three samples were obtained from Woodstock, from Mr. J. B. Hall, bee-keeper; 27.6 was clover honey. 30.4 buckwheat honey and 26.8 pure clover honey.

When I glanced over this, and I well remember what we had been appointed to do as an Executive Committee, and when I saw men's names connected with it who had a large percentage of water in their honey, I calculated that we had a good deal to do yet before we could arrive at any definite conclusion.

27.2, 26.2, 28.7, 23.8, 30.8, 27.5; the last three samples were obtained from Ingersoll. 25.4 is from Mr. John Newton, of Thamesford. 28.2 from Turville Bros., London; the producer was W. Fulton, Brewster, P. O. I wish to say just here that these are all passed as genuine honeys and there is no disparagement in my reading those names, but I am giving these points just to show that we have a difficult problem before us.

27.5, 25.06; these two are from Stratford, A. Beattie & Co.; they were not the producers. The next three samples are from Tilsonburg, 29.1, 29.7 and 26.5; two from St. Thomas, H. H. Waddell and S. Pettit.

Mr. Gemmell—The honey which you mentioned from Stratford was not my honey, but my honey was sold there.

The president—Then, there was one sample obtained from Winnipeg that had 14.63 percentage, adulterated with cane sugar. Down towards the bottom, after getting through with Winnipeg, there is R. F. Holtermann, Brantford, from thistle and basswood, 20.28, crystallized.

Mr. Holtermann—I sent to Dr. MacFarlane two samples of honey, one, the thinnest that I thought ought to be allowed upon the market and the other one better ripened; he got them from me, and he knew that I sent them, and I sent them purposely.

The president—From clover honey, from the same gentleman, 27.10; this is marked as though it was crystallized.

Mr. Holtermann—Yes, it was granulated. The crystallization has nothing to do with it, that is simply granulation.

The president—The first thing was to get those who had the matter at heart

and wished to have their honey tested. I tried last year when the matter was up to have it according to the specific gravity. I think if you take a pencil and a piece of paper and figure it out a little you will find that a sample of honey that will weigh 144 pounds to the gallon—

Mr. Holtermann—Where does the marked distinction come in? You propose specific gravity and we propose a percentage of water.

The president—If we have to take the percentage or water, we cannot find it without having the honey analyzed.

Mr. Holtermann—It is exactly the same thing; there is no difference between the two.

The president—If we take the specific gravity, any instrument that will test specific gravity for syrup will test the specific gravity of honey, and every man can test his own.

Mr. Holtermann—We might ask Professor Shutt if the two propositions are not identical.

Professor Shutt—There is only a little misunderstanding between Mr. Holtermann and Mr. Darling; of course the results are identical, but it is the means of getting at it. Mr. Darling means to say that it is quite within the means of every bee-keeper to test his own honey by means of the specific gravity test, but it is not within his means and power to test the specific gravity of water. The result is the same, but one you can do and the other you cannot do.

Mr. Holtermann—There is no difference, the result is exactly the same, and Professor Shutt admits that. If he reaches a certain specific gravity, then he must reach a certain percentage of water. An order-in-council allows you to limit the percentage of certain matter, but an order-in-council could not be passed saying honey shall have a certain specific gravity. Dr. McFarlane told me that. We want to catch these 40 per cent boys, that is what we are after. I have a proposition; I do not say that we shall rush right at this thing but we want to get at it. We thought last year we would have to try and do a little this year; my proposition is this (if anyone has a better one, I am perfectly willing to accept it.) I will move that this Association

Mr. Frith—Mr. Darling has the floor I think.

The President—I was just saying that if we take the specific gravity test, every bee-keeper could test his own honey, and he could ascertain to his own satisfaction the amount of water that it contained. If