

ways of taking out wax. I used the Jones' extractor for a while, and was dissatisfied with it. Through Mr. McEvoy's influence I was furnished with the pattern of Mr. Alpaugh's invention of the Solar Extractor. I made one and was very pleased with that. In starting the fire one day with refuse it burned so freely that I made up my mind there was too much wax there to waste. So I gathered the refuse up in a box. I had no press to press it out but I put it in some of this coarse sacking and took two sticks and pressed it as well as I could with the sticks, and got about ten pounds of wax out of what had been thrown away. Still I was not satisfied. My friend Gemmell told me about his process and I made up my mind my refuse could lay there until I got a press.

Mr. Brown. It appears very plain to me that the paper before us is one of the most interesting we have had for some time. It goes to show that we are as a rule losing quite a quantity of what should be turned into hard cash, that is, a large quantity of wax. I am using a Solar Extractor, and from the discussion going on I must be losing at least one third of the wax. I think this paper is worth a good deal to the Convention, and for my part I mean to profit by it if possible and have a press.

Mr. Alpaugh. I have never used the Solar Wax Extractor for melting old combs except when the combs were in the whole state and getting them just to fit the basket, and setting them on edge so that as they melted it ran down through the screen and was not caught in any of the seams. I know I could get about all the wax out of the base that way, but whether it came out from between the cocoons and the wall of the cell or not, I don't know. I would never recommend it for old comb, because the wax will collect in those cocoons and stay there unless it is got out by force. Even the boiling process; Mr. Smith was telling me he got about all out; he was sure the wax would rise to the top. I told him it wouldn't. You put so much wax in, and so much will come to the top and so much will stay there.

Mr. Smith. What weight did you get from eight combs?

Mr. Alpaugh. I only get about a pound and a half from the combs, old black combs.

Mr. Gemmell. You would get more wax by using the press out of those. The thicker the cocoons the more power required,

Mr. Alpaugh. After going through the combs I could see that the wax had gone out through the base but I couldn't see why there could be as much wax retained in the wall as what went out, unless it was taken up by the cocoons in some way, soaked into it, instead of running where it ought to go. I can't see yet how you can get three pounds.

Mr. Evans. In case of this process of squeezing the wax becoming general, and they were to extract combs from foul brood hives, would there be any danger that parties wouldn't boil it sufficiently?

Mr. Gemmell. You boil it first and squeeze it afterwards, but if you use a Solar Extractor or steam extractor, the steam would destroy it, but in using a Solar Extractor I do not think it is a very safe thing to do. After you get all the wax out you would have to boil the refuse.

President. I think by Mr. Gemmell's topic he has persuaded all here that in the use of the Solar or steam extractor we are wasting 33 $\frac{1}{3}$ % of the wax, a very considerable amount to those who have much work to do, and I think now we will have to draw this discussion to a close.

Toronto was selected as the next place of meeting.

After discussion it was decided that the Association take the Canadian Bee Journal again as a premium to members.

ADDRESS BY THE PROVINCIAL MINISTER OF AGRICULTURE.

Hon. John Dryden. I felt when I was coming up on the train that I had been reminded of a little couplet that I used to study when I was a little boy, and it went something like this, "How doth the little busy bee improve each shining hour," and I said to myself "I guess that is what they expect me to do." I am supposed to drop in and see you in your Convention; I am expected to attend the meeting of the Experimental Union at the College; the Fat Stock Show are expecting me there; I am expected to attend two banquets to night; and I am expected also to speak a few words to the Young Men's Liberal Club. I said to myself "I must be improving every shining hour." I congratulate you, Mr. President, on the attendance at your Convention, and I think it indicates the very deep interest which your people have in the work for which your Association is organized. Now I want to say this to you, that we have proven in this country that this is a land flowing with milk, and I think I read in somebody's address that you proposed to