

through the Express company sending your goods C. O. D. (collect on delivery). Now the party who ordered the honey from me is C. A. Hirschfelder, ex-U. S. vice-consul and the man who received the honey at the express office is Thomas Coolican and I have not the least doubt in my mind but that they are connected. Now, I learn that Mr. Hirschfelder has been hauled up for fraud, I think it was in July last and I have it on the best of authority that he has been dismissed from the U. S. Consulate in June last for bad conduct, so beware of him. As for Coolican some others of your readers, yes, some pretty high up in the graces of the O. B. K. A., can tell you all about him, if they wish. I for one, do not intend to drop the matter here, for it is already in the hands of my attorneys, and they will see what can be done. Of this with your permission I will report later.

W. J. BROWN.

Chard, Oct. 17th, 1895.

[The report of Mr. Brown at the Toronto Exhibition and that of several others at the same time, caused us to give the warning editorially in a previous number. The Canadian Bee Journal has fearlessly, yet carefully exposed frauds whenever known, and for this it deserves the warm support of bee-keepers.—ED.]

It Pays to Use Plenty of Foundation.

—WM. McEVoy.

In the honey season, and in the same day, if you take the three first swarms, each weighing about six pounds, and put one in an empty hive, another in a hive filled with foundation, and the third in a hive filled with nice bright combs, to which a half storey of choice combs is to be added, about how much extracted honey would you get from each colony in the first twelve days, if the season was a good one? This question can be answered better after some fair testing has been done. In the meantime I will make a guess and say nothing from the colony that had all its own combs to make; twenty pounds from the one that had its hive filled with foundation, and forty-five pounds from the colony furnished with plenty of combs. The colony with its combs made out of foundation would be worth \$1.25 more for

real business every year than one that made its own sort of combs.

While on my rounds through Ontario I have seen thousands of combs in the last five years that should have been made into wax, and would have been had they been mine. Many bee-keepers had used full sheets of thin foundation in deep frames without using wires to prevent the foundation from sagging. In all such cases where the thin foundation was used without wires it sagged so badly that the cells for about three inches at the tops of the combs became too large for worker brood, and as soon as the foundation touched the bottom bars it bent to one side and bulged out so as to spoil about two inches of the combs at the bottom by crowding the cells too close on one side and putting them out of shape on the other. I found bee-keeping with many farmers something like a fifth wheel to their wagon, and when their colonies swarmed the bees were often put in hives with not enough frames, and then left to make their own combs. The combs built by the bees in these frames, that were spread too far apart, were anything but nice; and for a pattern, I often overhauled the combs in one colony and put it in order by removing the drone combs, and then with the honey knife thinned the remaining combs to about seven-eighths of an inch and then I crowded the frames up to about one and three-eighths inches from centre to centre of frame. When this was done the hive or brood chamber would only be a little over half full of combs. I then placed empty combs at each side of the combs of brood until the hive was filled out with combs. I don't know of anything to-day that needs so much overhauling and culling out as the combs do that I found with over three-fourths of the bee-keepers. It would be taking a long step in the right direction, and a very profitable thing to do, if the bee-keepers would send nine tenths of all their drone combs to the wax extractor and put full sheets of foundation in its place, then they would get more worker bees to gather honey and less drones to consume it. I have hundreds of extracting combs and 107 colonies of bees, and not one inch of drone comb in the whole lot that I know of, and yet my bees have drones enough raised from a few cells along the edges of some of the combs. My combs are all made out of foundation, which is one of the most profitable things ever used in any bee yard, and especially where an apiary is worked mostly for extracted honey. The most profitable way that I ever found to get the foundation made into combs, was to take half of the extracting combs out of the hives on the strongest