

The queen excluders are always clean, and all work about the hive is easily executed. After my four years' experience with these hives I would not go back to large single story brood chambers under any consideration, unless I proposed to run for extracted honey exclusively, for which purpose it does not matter so much what the shape or construction of the hive may be so that the combs are moveable.

My belief is that our most successful producers of comb honey will eventually find the queen excluder indispensable, and yet I never saw any use for one in a large brood chamber.

DR. G. L. TINKER.

New Philadelphia, Ohio.

Thank you, friend Tinker, there are a great many valuable points in your article, which is well worthy of consideration and perusal by our best bee-keepers. We think that they will soon begin to learn that in northern localities especially, the plan of raising a large brood of bees to become consumers rather than producers, is unprofitable. We think that we have arrived at the point in bee-keeping when it is best for us to study how to make the most dollars and cents from the business, and in doing so we must not be afraid to adopt the best methods to carry out this object, even though they should emanate from some one else. Usually brood chambers will enable you to space your combs closer during the spring, so that more brood may be raised by the same quantity of bees.

FOR THE CANADIAN BEE JOURNAL.

Aplaran Reports.

INDIAN RIVER APIARY.

THE honey harvest is past, the summer is ended; cold and rain; the north winds doth blow, etc., and our bee-keepers have now a little breathing spell, to read our journal, write letters to our summer neglected correspondents, and dose our friends with a decoction of slippery elm bark and honey for the Grip.

I have now 132 colonies of bees. Three years ago I entered extensively into the business previous to that time I taught school and kept a few colonies, but as I was away from home so much my bees were neglected and I did not increase much in any thing except in empty hives. How-

ever, I was always successful in carrying off high premiums in our local fairs; I got altogether 8 firsts and one second.

In the holidays of '88 I attended the yard of Mr. Miller (Gov. of Jail) Owen Sound, which he had located in the country, and in the fall of the same year I bought out the yard and fixtures. Thus I launched out into extensive bee business. I feel it my duty to here state that I feel deeply indebted to Mr. Miller for his kindness and assistance, I winter my bees on summer stands, packed in sawdust. Have had all success desirable in wintering, and have been favored with very good crops. This year I believe was the poorest of the three seasons.

I extracted about 5,000 pounds and took about 300 pounds of comb, I manage my bees much on Dr. Tinker's plan. I use zinc honey boards, tier up and let my honey thoroughly hive ripen. This fall yielded no honey, all honey was got in June and early in July. I kept my bees packed till about 5th June, thus they were strong for work. I had, of course, put on a number of upper stories previous to this time. This fall I fed about 600 pounds of honey or over. I do not feed sugar, as I can't see how it can help but mix with the honey next year.

I used a number of empty 10 lb. pails to advantage in feeding this fall. I perforated the lid with an awl, filled the pail with honey, placed an empty storey over the bees, put an empty section box on frame and on this inserted the tin pail. It made the best feeder I have tried yet I can use the pails again to sell if I can get new lids. How much are lids for 10 lb pails? I will save the perforated ones for another occasion. They will work on this in a cold day. I say, couldn't you put shoulders on your screw top and seal with rubber ring like self-sealing gem jars, so that honey would not run out supposing they were upside down?

JAMES SHAW.

Kemble, Ontario, November, 1890.

Where sugar syrup is fed to bees in fall for winter stores, the following season as soon as the honey harvest begins all the syrup must be extracted from the combs if any yet remains, and this will serve as good feed in the fall should any require feeding.

FROM UHTEHOFF.

Mr. Editor—I have concluded to give you a Greenhorn's experience. I bought in the spring of '88 one swarm, which increased one swarm, and gave 40 lbs. of comb honey. I wintered the two successfully in sawdust, single wall hive, and they increased in summer of 1889 fourteen