

ne satisfaction as has the section case above described.

G. W. DEMAREE.

Christiansburg, Ky.

We have no doubt your case will work very nicely as we invented one similar to yours years ago. We also showed at the Toronto Exhibition an invertible case with tin \perp rests on the bottom, supported on tin rests at the ends, which were placed in grooves three-sixteenths of an inch from bottom of case. Our case like yours had a saw cut within three-sixteenths of an inch of the top and bottom of case. We used \perp rests in both top and bottom held in their place by strips of tin shoved in the saw cuts. This case seemed to work very nicely and it was supposed by many who saw it to be the best invention ever introduced. We exhibited another crate which was reversible by means of small troughs around the corners of section supporting them in position, which some seemed to think was even better. But we never use a division board for rests split with a saw, so that the upper part could be lifted out with the tin rests thus supporting the sections for inverting.

FOR THE CANADIAN BEE JOURNAL.

APICULTURE COMMERCIALLY.

AFTER seeing the query "Apiculture Commercially" in Nov. 18th number, I thought I would send in my report in commercial form, it might help some one to an idea. I commenced about June the first, 1885, with 47 colonies, increased to one hundred and fifteen, sold two, and put into winter quarters one hundred and thirteen; extracted 3000 pounds and took 100 pound sections.

Sold sections 200.....	\$ 20 00
Extracted 550 lbs. at 10c.....	55 00
2450 lbs. nearly all sold at 12½.....	306 25
68 increase, could have sold all at \$7 per colony.....	476 00

\$857 25

EXPENSES.

Books and papers.....	\$ 3 15
Note paper, post cards and stamps.....	2 35
Hives and foundation.....	85 31
Freight on hives.....	3 00
Nails and paint.....	7 05
Sugar to feed this fall.....	130 00
Freight on sugar.....	2 40
For help in the house and yard.....	90 00
One smoker.....	1 01

\$324 87

Balance of receipts over expenses.....\$522 38

I might say that this has been the poorest season I have known in the eleven years we have kept bees, and my forty-seven colonies were the weakest left of one hundred and sixty-one, the others having been sold last spring. And last,

but not least, when I went to work in the yard last spring I weighed one hundred and forty-three pounds, and now I weigh one hundred and seventy-five.

ROSIE McKECHNIE.

Angus, Ont.

The above report is a further proof of what ladies can do in apiculture. Your making over \$500 in one summer from forty-seven weak colonies shows that the management must have been good. If the colonies had been as strong as the first selected when you commenced to sell off your colonies in the spring (because if we remember rightly you allowed different purchasers to select over 100 colonies out of your apiary, leaving you all the weakest) your report would have been an astonishing one. We have no doubt that 47 strong ones would have given you over \$1000 profit. We shall be pleased to get reports of your experience and management from time to time. In justice to Mrs. McKechnie we must say that her report should have been inserted long since, but it was by some means mislaid.

For the Canadian Bee Journal.

A LETTER FROM A NEW SOURCE ON VENTILATION.

WHEN on the search to buy a few colonies of bees, I came to see for the first your BEE JOURNAL; I think it is well gotten up in a neat mechanical style, and I further like the source from which you glean its contents.

The greatest difficulty in the apiary seems to be in the wintering of bees. Now, as I do not know much about bees by practical experience (except the stings), I cannot give any advice in that line. But from a common sense consideration, I think the bees are a people that need to have their house scientifically ventilated; I do not know your late plans in regard to ventilation; but, sir, I think it is all important that ventilation should be well considered. What would be the consequence were a large family of children packed away for all winter in poorly ventilated quarters?

"It has been estimated by physiologists that a person remaining in a room for twelve hours in the day throws off from the body during one year about eight pounds of organic matter. Unless this is removed from the room it forms a hotbed for disease."

I do not wonder that whole stocks of bees are swept away from the collection of ice in and near the inside hive, and other gaseous matter arising from the breath of the bees and evaporation from the pores of their body.

Now to favor health all this evaporation which causes ice and disease, must be removed. The