

If we conclude that one thousand bees is the least number that can be safely trusted with a queen on combs with brood to begin with then we have a beginning point, and we may sell and buy bees by the thousand. The numbers can be ascertained by measuring them in a glass or tin measure graduated from one thousand to our thousand. The last number being sufficient to make a good strong nucleus. For each one thousand bees the measuring glass must contain $26\frac{1}{2}$ square inches of space.

In a future article I will give my method of rearing bees for shipping to distant points.

Last season I shipped bees—4000 in the package, to nearly all points in the U. S. and Canada, and in every case they went safely, sustaining no material loss of bees.

G. W. DEMAREE.

Christiansburg, Ky.

Your experiments are very interesting and appear to demonstrate an easier method for securing desired quantity of bees without weighing. As you say it makes a great difference whether bees have their sacs filled with honey or empty, also a material difference whether they are clustered closely together, or hanging loosely, as they sometimes do when clustering outside the hive. As you live so much further south than we, you will doubtless be able to supply some of our friends with bees by the pound. We receive many inquiries from beekeepers as to where they can purchase bees in that way. We shall be pleased to have your experience in shipping bees long distances, as that is a matter, which at the present time, needs to receive considerable attention.

HOW TO BECOME A PROGRESSIVE BEE-KEEPER.

IN compliance with your kind request to write a few lines for the CANADIAN BEE JOURNAL I feel somewhat at a loss to know how or where to begin, as I have little or no experience in writing articles on Apiculture. The only instance in which I made the attempt does not furnish much encouragement, for the journal collapsed shortly after I became one of the contributors. Whether there was any connection between these facts I have never been able to ascertain; but as I would regret exceedingly if

such a result should follow the noble venture you have made, I have a little hesitancy about assuming the role of one of your correspondents. However, with the understanding that you have full permission at all time to consign to the waste basket whatever is not fitted to interest your readers and advance the pursuit it is intended to promote, I may occasionally send you a short article. Amongst your numerous readers there will, doubtless, be many beginners and I may be able to furnish a little food for babes, leaving it to the veterans to furnish the strong meat which the more advanced require. Now that we have Bee-Journal of our own it is surely the duty of all Canadian bee-keepers to sustain it and do all they can with their pen and voice to secure its success. Permit me to congratulate you on the general appearance of your youthful progeny. It is just like its Pa, good looking and full of intelligence in reference to bees. If properly fed and cared for it will doubtless thrive and become better if not larger every year. Considering the size and style of workmanship it is certainly remarkably cheap, in fact a marvel of cheapness. A weekly bee-journal on beautifully tinted paper for only one dollar! Surely everyone in anyway interested in the study of the "blessed bee" will become a subscriber at once. This is one of the best ways in which every bee-keeper can sustain you in your laudable enterprise. No one certainly is worthy of the name that does not take some journal and no one can be so beneficial as one adapted to our own climate. As one who has been largely benefitted in this way and who attributes any success achieved to it, I would say to all now engaged in keeping bees, or who thinks of getting some, if you want to succeed you must take some live bee-journal. You cannot make the most of even one colony of bees without it. Don't delay then, but become a subscriber forthwith. It will pay—pay better than any other investment you can make.

J. CARSWELL.

Bond Head, April 3rd, 1885.

Friend Carswell allow us to thank you for your good wishes, and to express the hope that we shall try to merit them. We are sure your article never caused any journal to collapse. We shall be pleased to have you write us frequently. Suppose you send us an article on bee-keeping as adapted to ministers. If we have not been misinformed you have been successful in bee-keeping almost beyond your expect-