

Fed 30 lbs. of syrup to each colony in September. But they consumed a very large amount in autumn months.

Hereward, Dec. 31, 1885.

SOMETHING ABOUT TEMPERATURES.

B. LOSEE.—It is now raining and the thermometer standing at 40°. Much has been said in regard to temperature in caves and wells. I sallied out with thermometer in hand, first to a brook of water running from under snow and ice; it registered 30°; then to the pump at the well (eighteen feet deep) throwing water on the glass till 42° was reached; drawing close up to the heat of mother earth which is said to be 55°. My cellar stands at 40° with a "base-burner" on the floor above. Water trickles through a brick floor to the drain below. Will bees breed and prosper under such circumstances? They seem quiet in their dark abode.

Cobourg, Ont., Dec. 23, 1885.

Thanks for above experiments. We do not think your bees will breed at that temperature, at least they are not likely to at a temperature of 42°, until towards spring. The water will not injure them, it is more likely to have a good effect.

QUEEN AND HALF POUND OF BEES WILL NOT DO IN CANADA TO MAKE A FINE COLONY IN ONE SEASON.

REV. J. R. BLACK.—In regard to the article in this week's C. B. J., on "Shipping bees by the pound," by Mr. Hayhurst, I believe there are statements which will not prove true in Canada. That a half pound of bees with a good queen and two or three frames of brood will grow into a fine colony for winter might be strictly true of southern latitudes where the breeding season opens early and closes late, but in our northern country the colony from such a stock would generally be small. Of the three conditions under which bees are offered for sale full colonies, nuclei and by the pound, I regard them profitable to the purchaser in the order named.

Belwood, Jan., 1st 1886.

And for Canada we also incline to friend B's opinion.

FEEDING IN WINTER.

WLAS SWATY.—I began the season with 26 colonies; sold six, and increased to 40, which we placed in cellar for winter on the 7th of this month; took 700 lbs. comb in 1 and 2 lb. sections, and about 100 lbs. of extracted honey. The above was all gathered from white clover, since which time no honey has been gathered, although usually the fall honey is the most

plentiful, being gathered from goldenrod, asters and other fall flowers. Was obliged to feed a few colonies for winter; and am still afraid that 3 will not pull through the winter, as they have only from 12 to 16 lbs of honey. Can I feed before spring, how and how soon? I fed granulated sugar syrup by placing in glass fruit jars, tying a piece of cheese-cloth over top and inverting over the hive. Can they be fed in the same manner while in the cellar?

Ahuapu, Mis., Dec. 26, 1885.

We have never been successful in feeding liquid food in winter. Would recommend you to use the "Good Candy," recipe for which will be found in back number of the JOURNAL, also mode of filling feeder and use of same. You may commence feeding at any time now; but would not advise the feeding of liquid food during confinement.

AN EXPLANATION FROM FRIEND CAMPBELL.

D. P. CAMPBELL.—Will you allow me a small space in the C. B. J. to place myself right with my many bee-keeping friends and customers. I have had many letters and postcards for prices and catalogues and a great many are not answered, my catalogues being all done, and my cuts were also burnt when the *Gazette* office was burnt; and at the present I do not know whether I will be in the supplies or not, it all depends on my health. I have not been very well since the Provincial fair, but lately I got worse and laid in bed for over six weeks and came very near going out of the bee business for good, but now I am able to be up in the house. My bees are in the cellar, put in by my friends under my instructions when I was in bed, and as yet I have not seen them. My stock of honey of 1885 is all sold; I sold quite a lot in N. W. Territories; if we can show the crop of 1886 I will send some if all is well. I think S. T. Pettit would be the right man to represent the bee-keeper's interest at the Colonial and Indian Exhibit. If the crop of 1885 has to be shown it will be a failure as I think the best of it is all sold. As soon as I get strength to decide what I will do I will announce the same in the advertising columns of the C. B. J.

Parkhill, Ont., Jan. 1st, 1886.

We do not as a rule insert communications having anything of the nature of an advertisement in them such as friend C's, but under the circumstances, if we can do anything to assist him in his present strait we feel it incumbent upon us to do so. To assist a brother in a