

out of cellar on the 8th; lost only two stocks out of eighty-two. The two dead ones are supposed to have been caused by honey-dew gathered last fall. I think I can winter 99 out of 100 another year, if they get no honey dew. Bees gathered pollen April 10th; first time this year. Weather very fine.

Milton, April 11, 1887.

BEES ALL ALIVE YET.

A. PICKET.—I commenced the spring of 1886 with 60 colonies of bees, several of which were weak. Increased same to 100 good colonies. We extracted 3,500 lbs. Put them into bee house Nov. 28th. The house is 16x24 feet, 7 ft. ceiling, walls packed with sawdust 2 ft. thick, on the top 18 inches deep. Temperature 40° to 45°. Bees are wintering well, have not lost any yet. The above temperature has had to be kept up by putting a pot of coals in the bee house when the temperature was low. I am much pleased with the C. B. J. for in some numbers are articles which are worth more than the price of the whole JOURNAL.

Nassagaweya, Ont., March 18, 1887.

FIRST POLLEN APRIL 10TH—LOSSES RATHER HEAVY THROUGHOUT THE COUNTRY.

J. F. DUNN.—Bees brought in first pollen April 10, four days in advance of last year. My loss has been light so far, with nearly all colonies in good condition at this date. Other parts of the country have not been so fortunate, many bees having perished. Clover has "headed out" badly—Alsike least of all.

Ridgway, April 11, 1887.

Reports of gathering pollen on the 10th seem to be pretty general. Around us, the losses have been quite heavy. In four apiaries representing 92 colonies, only three live to "tell the tale" of their winter troubles. Our own bees are all in their winter quarters yet, so we cannot say very much concerning them, but last examination showed them in pretty good shape. The market for colonies is good, and this almost inclines us to the opinion that a good many have not been successful in wintering.

BEES ALL ALIVE BUT TROUBLED WITH DIARRHŒA.

F. D. TESSIER.—Put 45 colonies in cellar, 9 in box hives, 36 in frame hives, the 25th October, some with sawdust behind division board some without, about one quarter have the diarrhœa, though all are alive yet. I had not one day to put them out. My cellar kept 39° to 45° for 3 months. Those that had their backs to the wall had a few of them mouldy combs. I took

them out of the hives. The hives on the shelves in the middle of the cellar are good. Have no ventilation except a hole opening in my office. I think, by the way, of making a grooved partition around the cellar, about 4 feet from wall, leaving a space for barrels of apples; this would bring about the right temperature next winter. My house cellar is 22x26 inside measure; kitchen cellar 12x19 inside measure. I put 52 colonies in the latter cellar, the winter of 1885-6 but lost 30, the remaining 22 were not strong. Diarrhœa was the death cause. It kept 36° to 40° for that winter. Both cellars are floored. I will make the partition between the two cellars double, with 4 inch space for sawdust. The kitchen cellar will serve for vegetables, and no vegetable smell will reach the bees.

I have not succeeded well for the past three summers having had my house burned. I then rebuilt, so I kept testing my cellar till now. I made nearly \$300 out of honey and wax the summer of 1883 with my old box hives.

I do not know much about bee keeping, but if I could only master the winter problem (which I expect to next winter) I think I can satisfy myself with bee-keeping. I stick to the C. B. J. and have Cook's Manual. Being French, and having had no English education, you may know what a job it is. I have kept bees for 15 years but never heard of frame hives before the birth of the C. B. J. I will try Italian bees next summer. At present my bees are all Black. What used to hurt my feelings was to put them to sleep with puff balls burnt in sheet iron fumigator then I used to blow with my mouth, but I thought it put me to sleep. I next tried a little bellows and buried the bees in my garden.

I will tell you an incident that happened to me puff-balling bees. One day I destroyed 8 hives and burned the bees, and 15 days after digging a hole next to that spot for another burial I found in the grave of the 8 hives that the bees were all alive but could not fly. You may imagine my joy when I found that we could do without puff-balling.

Mount Oscar, Que., April 8, 1887.

We are very glad to hear from you, Friend Tessier, and are pleased to know that the CANADIAN BEE JOURNAL has been the means of saving your colonies from cremation for some time. You do well, to arrange your cellars so that the vegetables may be kept entirely away from the bees. "An ounce of prevention is better than a pound of cure," you know. We hope another year will give you better success in wintering.