

to seven. Took very little honey. Will have to feed heavily.

Joel Kitely, Moorefield,—7-16—14 strong, two weak. Extracted 300 lbs. honey.

S. Peebles—16-30—wintered in a log house with door shut and chaff and straw against it. Never opened all winter. Stocks came through fair. Took 400 lbs. extracted honey. Will have to feed some.

Secretary gave a short report of winter's success, summer management and fall preparation. Did well for the season.

Rev. Mr. Niven's bees consumed 11 lbs. of honey per colony during the winter in a good gravel cellar, under dwelling, ventilates to stovepipe above.

Mr. Ainley gave an interesting account of his visit to Mr. McArthurs apiary at Toronto during the exhibition.

It being now six o'clock the meeting adjourned *sine die*, all being pleased with the afternoon meeting.

J. H. DAVISON,  
Secretary.

## SUNDRY SELECTIONS.

### WEIGHT FOR WINTERING.

JAS. S. COPELAND.—What should be the average weight of a colony of bees with seven frames in Jones' hive, when fed sufficiently for winter?

From sixty to sixty-five pounds.

WEIGHT OF A QUART AND OF AN AVERAGE COLONY.

How much does a quart of bees weigh? What is the weight of the bees in an average colony?

Minto, Oct. 3, 1885.

A good deal would depend on whether the bees were filled with honey or not, and how close they were packed. In the JOURNAL of April 29th, page 68, present volume, friend Demaree gives the number in a quart as 2600, and 4000 is mentioned by many others as the weight of a pound, so according to that there would be one and a half quarts to a pound. Probably some of our friends in the "bees by the pound" business can furnish you with still more information. The weight of bees in a colony depends upon the season of the year; in the

spring probably one to three pounds while in the summer from five to ten pounds.

### WHEN ARE BEES A NUISANCE.

G. A. DEADMAN.—Can bee-keepers be compelled to remove their hives containing bees outside of an incorporated town or village? When can bees be designated by law as a nuisance.

Brussels, Ont., Oct. 1st, 1885.

When they enter groceries and bother people by flying in at the windows, then they become a nuisance, and the council have power, if they choose, to pass a by-law to have them removed. Trouble of this kind only arises in times of scarcity of forage. At such times it would not cost more than 10 cents a colony to remove them to some farm a few miles away where they would probably get enough honey to more than pay the expense of moving.

### WINTERING PREPARATIONS.

ROLLIN C. THAYER.—I would like to ask a few questions and answer by letter. I have got 65 swarms of bees and all I have looked at yet will have to be fed up—some of them heavily, and some not so much. I expect all of the nuclei swarms will have to be fed. Don't you think it best to winter on about five frames and the nucleus on less. Which is the best "granulated" or "coffee" sugar. I also want to know how to make the syrup, how many pounds of sugar to one pound of water. I winter outside; have wintered some in cellar, but it is not very good for wintering in. Will bees seal up the honey or syrup if fed now, or later, say the last of October. If I can get the time I would like to pack some in chaff boxes, or will it make any difference about sealing up the sugar syrup. It has been so wet here that I am afraid bees will not winter well. There is scarcely any brood in the hives. Would you feed a little every day to get up brood rearing again or not.

Lagrange.

Five frames are enough if well filled. Three or four for small colonies. You should feed nothing but the purest granulated sugar, two pounds of sugar to one pound of water; boil five minutes. If the weather is favorable they will seal if fed. Pack them up in chaff boxes by all means, if to be wintered out of doors better pack them as soon as possible, that they may retain the heat for ripening and seal their stores most perfectly. You might feed them liberally for a few days until they start brood rearing