

in additional fresh combs. closing the door and windows. They all kept much freer from moth and did not mould any worse either. I find that in a cellar which is kept closed there will be less tendency to mould unless opened late in the evening and closed early in the morning.

How can you account for this?

The outside temperature in the day time as a rule is higher than the temperature of the cellar, the higher the temperature the greater the amount of moisture the atmosphere can hold in suspense, when this enters the cellar which during the summer is cooler the moisture condenses. If opened at night the temperature of the outside and cellar are usually much the same.

If you do not like to keep comb in the cellar, how would you keep them?

With combs I have wintered and the hives closed tightly to prevent the entrance of the moth, I have no trouble whatever. With combs which for various reasons may be taken from the bees during the summer up to the time that the moth ceases to do its destructive work, I have always had difficulty. I have not found any method really satisfactory. I have tried putting them outside in hives left open and they would sometimes be alright for weeks, whether the spiders helped to protect them or not I do not know, later on I have found them in a bad state. I have tried brimstoning occasionally, but they are of course liable to attack again, and it leaves an odour about the combs which I think objectionable.

Did you ever try carbolic? Insects are known to have a very strong objection to the odour of carbolic acid.

¶ No. I have tried in limited way hanging about an inch apart in an airy place. My impression now is that this is the best way and I shall resort to it next season unless some can suggest something better. Let me emphasize the necessity of having the combs out of hives and hanging at least one inch apart, where the air can circulate freely.

Do you find any difference between the black and the Italian bees for protecting their combs in the hives from the moth?

Yes, a very marked difference in favor of the Italians. I found the moth unusually bad this year and in some instances, although the bees mastered them in the end, they were quite numerous in some hives. There were two cases in which I picked out the moth larvae and they did not get the opportunity, no doubt they would have mastered them in the end. I do not like to say this much against the black bees. I

highly appreciate their superior work in building comb honey.

I suppose if any colonies had been weak the moth might have destroyed them?

Yes, undoubtedly, and in such cases the difference between the black and Italian would be still more marked. If half Italian blood they are just as good, but just as the Italian blood diminishes, I find they are defective in fighting the moth, and I have bees in all grades.

A NEW DISCOVERY.

HONEY VINEGAR FOR FREEING COMBS
FROM GRANULATED HONEY,
POLLEN, ETC.

JOHN KEDRICK.

Having read the question asked in *THE CANADIAN BEE-JOURNAL* of how to take granulated honey from the comb, and not noticing any report, I am tempted to contribute my little mite to your interesting publication, the method to be employed, which will prove very satisfactory if the correct method is pursued.

First take the cappings, after the honey has been drained out, and put them into a tub of luke warm water and allow them to remain their for twenty-four hours or longer, then squeeze the cappings from the liquid. This liquid will be ready for use in the course of six months.

Then uncap the comb, and place it in the liquid. Allow it to remain there for twelve or twenty-four hours according to the strength of the liquid. Your comb will come out perfectly clean, without being injured. Old comb may be cleaned in the same way.

This liquid for cleaning the comb may be formed in another way, i. e. in a gallon of water put about a pound of honey, and let it stand for some time. The length of time would vary according to the temperature of the place. If kept in a warm place it would be ready for use sooner than if kept in a cool place.

In conclusion I would state that after trying about every method, I have proved the above method to be a great success.

New Dublin, Ont.

He that is of the opinion th. money
do everything may well be su. ected of
ing everything for money.