

quarters, weigh those again on the summer stands and those in doors (which may be done carefully without disturbing them); then you would see the relative difference in the consumption of food, besides the loss of bees. Then, say once a week, you notice a few new special features in connection with them on a piece of paper and pin it on each hive. Now, in the spring of the year as you set these hives out make a careful report. Suppose we have fifty or a hundred of our best bee-keepers, who are in a position to carry on these experiments note all these facts and test the matter thoroughly. No doubt, it will be a great benefit not only to themselves but to all others engaged in our fascinating pursuit. We would like to hear from any one who has any suggestion to make in this matter, and will be only too happy to report experiments from any of our friends from time to time as they are carrying them on in the interest of us all.

WINTER WILL BE LATE COMING.

There are many indications at the present time that lead us to believe that winter will not set in for some time to come and that we will have a late open fall. Our robins, blue birds, and in fact most of our summer birds have not left yet for the sunny south. The ground is exceedingly dry, fires are raging in many districts, mucky swamps and peat beds around the country are burning. On the 23rd October we had considerable thunder and lightning, and thunder so late in the season indicates a late open fall.

I TOLD YOU SO.

In a private letter from a friend he says: "What you told me at the exhibition was correct. When I arrived home on examining by hives I found that eight of them were minus bees or honey. That makes seven that I suppose have gone to the woods or some other place to starve." During the exhibition a gentleman who has a large apiary said to us: "I have been specially fortunate this year in the increase of stocks. I expect after inspecting them that I will have to feed a few of my bees. In fact I have got one more colony than belongs to me, because one day last week a colony came flying into the yard and entered one of my hives

that had been standing there prepared for a swarm since the swarming season." We asked him if he did not think he would have to feed all his colonies for winter. He was quite positive that the most of them had plenty of stores. Well we said: "Friend, as soon as you go home just see if some of your swarms that you have been talking about are not on the eve of starvation and we would not be surprised if the swarm that came to you had just deserted its own hive and unless you feed them as soon as they run out of stores they will swarm out of the hives as a last resort to better their position." Many of his second and third swarms had issued at the close of the honey season and we felt certain that even though he had a favored location the bees could not have possibly secured sufficient to even carry them on until winter. He further says: "In two or three instances more or less brood was left in the hives and from appearances some of them had swarmed out perhaps two or three weeks, and on examining them, one hive especially had been taken possession of by the moths and the combs actually destroyed by them. No doubt, some of our careful and experienced bee friends will think that we are using too much of the JOURNAL, and saying too much about feeding and preparing bees for winter. There are many who do not need a word of caution, but there are a great many more who need a great deal of caution and nothing short of a constant reminder will cause them to do the necessary work. The numerous letters that we receive thanking us for the timely warnings, fully warrant us in urging the matter of feeding and preparation for winter."

For the Canadian Bee Journal.

APICULTURAL CONTROVERSIES.

SOME four weeks ago I wrote a reply to some remarks of "Amateur Expert" with reference to the United States. I quoted Senator Hawley's Centennial orations to prove that America produced three inventions to Great Britain's one, and also Brancroft, Parkman and others, to show that it was entirely owing to the free untrammelled genius of our Republican institution, which, instead of throwing obstacles in the road, actually helps on meritorious ability as in the case of Edison and Euchson.