

results if their bees were confined for six or eight weeks, when bees in the northern localities endure such confinement from 18 to 20 weeks without any ill results. Surely it must be accounted for by the difference in nature of honey used for winter stores. During these four last winters, two of them very severe, have successfully wintered one colony in a single-walled hive with no protection except a super on top filled with dry absorbents. The colony has averaged me 100 pounds each year of clover honey, and it is in a hive much bigger (therefore colder?) than an 8-frame Langstroth. Speaking of hives, some time when I am in a humorous vein and feel like making "Canadian Bee Journal" readers laugh, will tell you what a lot of my hives are like.

Does Freezing Kill Bees?

Just at present considerable is being said in the different journals both pro and con on this subject.

A correspondent in "Gleanings" gives conclusive evidence that cold alone will not kill bees. He states that in February, 1904, one morning he found a colony out of stores and frozen so stiff that they would make a noise like some hard substances when dropped on the floor, the mercury at the time being 5 below zero. When brought into a warm room the frost formed on their bodies. After being well warmed and fed they were put on sealed combs of honey and placed in the cellar, and the colony came through in good condition, giving a good account of itself during the honey harvest. Think we can safely say that cold kills bees only indirectly, by keeping them from shifting for fresh food supplies when that within the cluster's reach is exhausted. We wonder how long bees would stay in the frozen state as in case cited before it would be impossible to bring them to activity again. We found, early in March, two columns in pre-

cisely the same condition as the bees mentioned and since reading this account have thought that I possibly might have saved them if I had gone about it properly.

Position of Hive Entrance.

Am afraid "Novice" is again doomed to disappointment if he expects any enlightenment from your humble scribe on the above subject. Believe I stated at the time that I had little faith in the plan, but said anyone could try a few hives and prove the matter for themselves.

If memory serves me right, am indebted for the note to "American Bee-Keeper," the item in question being translated by Adrian Getaz. Nothing was said as to where the entrances were, but as extracted honey is produced almost exclusively in Germany, presume that the exact place of entrance would cut no figure. Last season I ran short of extracting supers, and having some single walled hives with bottoms fast I simply knocked these bottoms off and used the bodies as supers without closing the entrances. In this case the upper entrance was right immediately above brood chamber. While I never thought of such a thing as increasing the honey yield directly in this way. I imagined the extra ventilation would discourage swarming, and I don't think that one colony thus treated did swarm. However, "one swallow don't make a summer," and for ought I know those same swarms treated the same might all swarm this season. No danger of chilling brood in a colony ready for the supers.

"Hardscrabbles" Dire Threat.

With trembling hands we endeavor to make some explanations re that editorial of friend Hill's which you, Mr. Editor, have taken from American Bee-Keeper. In our remarks regarding "rights of subscribers," did not even say "American Bee-Keeper," and