

and put on your cover, and the bees go straight to work again. They will fill up the empty combs while the upper story is ripening. When the upper story is capped over to the extent already mentioned, take it off, using the bee-escape. I wouldn't do without the bee-escape, if I had to pay \$1.50 or \$2.00 a piece for them. I take off this top story and with the assistance of my helper and a little smoke we slip in the escape. When the morning comes my upper supers are almost entirely free from bees. I carry them into my honey room, and I don't disturb the bees; I use no smoke or brushing. I have an extracting room where the heat gets up to 110 or 115. I don't pretend to extract these combs till after dinner. The temperature is higher than the temperature of the hive. This principle may not be useful to you, but I have no trouble in extracting honey. The system of brushing the bees off the combs is a good one, but the using of a bee-escape is better. If you can make your work easier in the yard do it every time. Whenever clover season is over I go to work and strip the whole yard. If a colony has only got five or ten pounds, I leave it. I strip the whole yard so that I can get off my best white clover before the buckwheat begins.

Keep the last honey you take off from the rest, because it is not as good, being thinner. The buckwheat season now is on, and you only have one story on then as a rule.

Now we come to the close of the season; here is an important duty, the preparing of your colonies for wintering, because your fall preparation means the success of your business for the next summer. Why? For the reason that if your colony is given lots of feed in the fall you certainly have less feeding to do in the spring. The feeder is the exact size of the hive three inches deep; holds 25 pounds. I loosen my story

from my bottom boards; my helper puts the feeder right on the bottom board and puts the hive right on top of the feeder. I have had them take up 25 pounds in one night. You can have a little block there that will just fit in the entrance, and you can close it up so that just one bee can get out and in. All this feeding is done a little before dark. Don't attempt to begin feeding through the day, because there is such a confusion and hurry at what they have found that they begin rushing in and out. This attracts their neighbors. All trouble is avoided if you feed in the evening.

The feeder is fitted with a float, which is of the full width and length, slotted only about 1-4 or 3-8 apart. I never put my colonies in with less than 25 pounds; better have more. I have a set of these little platform scales; I have a hand sleigh, and I can go from hive to hive. If the hive weighs 40 pounds, I add 15 pounds of honey, because I allow 30 pounds for the shell, combs and bees; whatever above 30 pounds is honey. By weighing them there is no guess-work; you know exactly what your colonies possess for wintering upon.

My cellar has an all-cemented floor and outside walls. It is under the house, 24 x 36, and I allow not another thing in that cellar but the bees. Some say their bees winter well along side of vegetables, etc. I don't approve of it. I have had as many as 350 colonies in the cellar. I don't go in as extensively as I used to. I put my bees in with nothing but the cotton over the frames or a cushion or blanket. The bottom board is turned up side down for the winter, and it gives them a space in depth of about 1 3-8 inches; they are all on a stand close; I never touch them the whole winter.

Mr. Timbers: Providing the bee cellar is not mouse-proof, how would you

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prevent a mouse on that system?

Mr. Dickson: Nine and traps; but not bothered with depends on the bee whether they can side.

Miss Trevorrow: Hive lifting apparatus for stroth hive?

Mr. Dickson: Yes, you have something on. The machine tended to sit on the

Miss Trevorrow: Into those hand positions?

Mr. Dickson: Yes.

McEvoy: How do you use?

Mr. Dickson: I have as four.

Mr. Evoy: This stakes and windlass?

Mr. Dickson: Yes, my work. I also run the cellar on a track.

Mr. Pettit: Mr.

member he has no four I would advise stroth ing honey at all.

Mr. Dickson: Before plan of feeding I have filled my combs right gave them to the bee strainer 8 inches long and two inches deep, not too finely perforated holes with a shoe-m can get one, and that to drip down in fine streams won't touch cause if they do it all stream. Simply take it back and forward u

Mr. Atkinson: What claim the feeder is by the hive than above?