

on the board so that it had somewhat the appearance of an imperfect septum. We became much interested in the comb foundation question from previous experiments and believe we secured the second comb foundation roller mill ever made, manufactured for us by A. I. Root, and this mill manufactured cells slightly larger than ordinary worker cells, yet not so large as drone. After using it for years we laid it aside and adapted the Dunham and Vandervort and other later improved machines. Since then we have tried calico, bleached cotton, various kinds of paper, tracing linen, tin, glass, wood and tin foil. On our return from Cyprus with bees in '80 we brought samples of wood foundation from Mr. Abbott, of Southall, London. The only cloth we could get the bees to accept with any degree of satisfaction was tracing linen and the only paper a very heavy linen with a smooth surface. On sheets of this paper we have frequently written the Lord's Prayer in a large bold hand, dipped the paper in hot wax, passed it between the rollers, and had the bees draw it out into perfect comb and fill with honey. Years ago we exhibited this at Toronto Exhibition, also wood, metal and cloth foundation. After it was drawn out the bees would gnaw at the septum and seemed to fancy the threads in the cloth were moth webs, and commenced pulling and gnawing them out, if they were left in long enough they would tear every shred of the cloth away.

QUERIES AND REPLIES.

UNDER THIS HEAD will appear Questions which have been asked, and replied to, by prominent and practical bee-keepers—also by the Editor. Only questions of importance should be asked in this Department, and such questions are requested from everyone. As these questions have to be put into type, sent out for answers, and the replies all awaited for, it will take some time in each case to have the answers appear.

MOVING BEES IN SPRING.

QUERY No. 174.—I wish to remove about sixty colonies of bees a distance of eleven miles over a rough road, early in April on the last sleighing. Would it be better to put them on the summer stands for a flight and look them over before moving, or would it be better to move without looking them over when there is a chance of a flight within a day

or two after moving?—R. H. S., Muskoka.

DR. C. C. MILLER.—I'm not sure. Perhaps better have the flight first.

S. CORNEIL.—Move them when you get ready but do not open the hives till the temperature is up to 60° in the shade.

G. M. DOOLITTLE.—I should leave the bees where they are till into May, when they can be moved without any danger from any source.

PROF. COOK.—While I do not suppose it would make any very material difference I think I should look them over and clean the hives first.

M. EMIGH.—If the weather is warm enough you might give them a flight before moving, but I would not look them over at that season of the year.

H. D. CUTTING.—I would leave them alone until I had finished moving them and had them in position where they were to remain then give a fly.

O. G. RUSSELL.—It will be necessary to disturb more or less in preparing them for moving. I would put them on summer stands for a flight before moving if the weather would permit.

ALLEN PRINGLE.—Should the weather be sufficiently fine and warm before you move them I should prefer giving them a flight and fixing them up before moving them. But doctors will differ.

WINTER FEEDING.

QUERY No. 175.—If you found a colony short of stores in January how would you, with as little disturbance as possible save them?

DR. C. C. MILLER.—Give them sealed honey or candy.

G. M. DOOLITTLE.—By setting in frames of sealed honey.

S. CORNEIL.—Give them "Good" candy over the cluster.

H. D. CUTTING.—If you have a frame of honey place it on top of the frames or a few sections filled with honey. If you have no honey use a soft candy made from pure white sugar.

ALLEN PRINGLE.—If I had good capped honey in frames I would gently put the frames in on each side of the cluster. If not I would put good candy on top of the frames or use a Jones top feeder.

M. EMIGH.—I would raise the quilt carefully and lay a piece of good sealed honey on top of frames. The prepared sugar as recommended by D. A. Jones will do as well if some liquid food is fed after they begin to fly.