

they will be sure to catch on the edges more or less. We *know*, because we have put a good many sections into supers fitted with these self-same **1** rests. You are quite right as to the super you speak of having seen—that is, if you refer to the ones we had on exhibition at the Toronto Industrial in the fall. Only (and here we want to emphasize) *we do not claim as a part of our invention the portable super* such as you speak of. It may be used in conjunction with the honey-board and reverser, but for all ordinary purposes the same super as used with the **1** rests, only the proper depth, and without any saw-cuts or tin strips tacked on, is needed, and the bulk of those we send out are of this class. Now, while we are talking on this subject, let us say that we do not intend to occupy a lot of space every week, right in our regular reading columns, with this matter. We have been charged with allowing too much free advertising to be given the Heddon hive, and we will not be guilty of it in our own case. Anything to be said in the way of explanation will be put in the regular "business notice" department set apart for our own use.

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.

Entrances Facing South.

QUERY No. 179.—Has a hive with the entrance to the south any advantage over those in other positions?

S. CORNEIL—No.

H. D. CUTTING—I think not when all things are taken into consideration.

PROF. COOK—I prefer entrance to the east. Then the early morning sun is most felt by bees.

DR. C. C. MILLER—There is little difference, but on cool days there is an advantage in having entrances face the south or east.

G. M. DOOLITTLE—Yes, I think so, especially in wintering out-doors. Bees often get a good flight in winter when facing south, while if facing north they would not fly at all.

O. G. RUSSELL—We usually set them with the entrance to the south, but have had them do well with entrance to the east. It depends a good deal on the immediate surroundings and whether the apiary is protected from winds.

M. EMIGH—My hives face east, west and south. Taking it one year with another, I don't see much difference; south by west is as good as any position, other things being favorable.

ALLEN PRINGLE—On the whole I think the south entrance the best—though east and west are good and in some cases north. My own colonies mostly face west and south—partly for convenience and partly on principle.

Wintering in Northern Latitudes.

QUERY No. 180.—How far north can bees be wintered successfully for a succession of years, or at how low a temperature do you think it would be safe to try them? Here in Manitoba we sometimes have it 50° below zero in the northern part.

O. G. RUSSELL—I do not know.

H. D. CUTTING—Have had no experience in such cold localities.

G. M. DOOLITTLE—If as far north as Manitoba I should not try wintering, except in cellars.

DR. C. C. MILLER—I don't know that bees have ever been tried at a point too far north to winter.

PROF. COOK—I think with intelligent care, as far north as flowers would warrant bee-keeping. The ground, rightly used, makes us independent of temperature.

M. EMIGH—Just as far north as you can find a nice warm October and May. It don't make any difference how much below zero it is so long as your bee cellar is 50° above.

S. CORNEIL—I think the northern limit for successful wintering will be found where the frost begins to remain in the ground winter and summer. In the Northwest I would try a very deep cellar.

ALLEN PRINGLE—I wouldn't care to try to winter bees on the summer stands at 50° below zero, but give me a good cellar and let me fix them up to suit me, and I don't care if it is a 100° below outside. You can also keep them in confinement for seven consecutive months under proper conditions, and that would be long enough, I presume, even for Manitoba.

WOULD NOT BE WITHOUT IT.

JAS. C. McDONALD.—I like the JOURNAL very much and would not do without it on any account.

Barnett, Ont., April 13, 1888.