

QUERIES AND REPLIES.

UNDER THIS HEAD will appear each week, Queries and Replies; the former may be propounded by any subscriber, and will be replied to by prominent bee-keepers, throughout Canada and the United States who can answer from experience, as well as by the Editor. This Department will be reserved for the more important questions, others will be answered in another place. We hope to make this one of the most interesting departments of the JOURNAL.

FEEDING BACK HONEY.

QUERY No. 34.—How can honey be fed back either for wintering or finishing sections without danger of its becoming granulated in the sections and brood frames?—J. W. H.

H. COUSE, THE GRANGE, ONT.—Liquify the honey and feed when cool by the use of Jones' new feeder.

S. T. PETTITT, BELMONT, ONT.—Feed early and I do not think there will be any more chances of candying than the honey already in the hives.

DR. C. C. MILLER, MARENGO, ILL.—I think feeding back will hardly make it granulate, so feed back honey which has shown no disposition to granulate.

M. EMIGH, HOLBROOK, ONT.—If removed from one comb to another by the bees it would not be likely to granulate, as for extracted honey I cannot say.

DR. A. B. MASON, WAGON, WORKS, O.—I have never been troubled with honey candying after being fed back, but always feed that which has not begun to candy.

O. O. POPPLETON, WILLIAMSTOWN, IOWA.—I am now feeding back honey to bees for the first time in my life, and am far more interested in asking than answering this question.

H. D. CUTTING, CLINTON, MICH.—Use a large entrance feeder, and when it is well capped we have no difficulty from granulating. The addition of a little vinegar I think would prevent it.

DR. J. C. THOM, STREETSVILLE, ONT.—If the honey be brought to a heat before being diluted, and fed, there will be little likelihood of it granulating any sooner than the rest of the honey among which it is placed.

S. CORNEIL, LINDSAY, ONT.—Simply put the liquid honey in a good feeder and allow the bees to store it. Sealed honey which has been fed back is no more liable to crystallize than honey which is stored as it is gathered.

PROF. A. J. COOK, LANSING, MICH.—There is

no special danger in this, at least in many cases of feeding back I have seen no trouble from such granulation. I have seen crystallized honey in comb, but it was not that which had been fed back.

G. M. DOOLITTLE, BORODINO, N. Y.—Honey will not granulate any quicker after being fed back than it would if it never had been extracted. By mixing honey and sugar syrup together this liquid will neither granulate or crystalize.

ALLEN PRINGLE, SELBY, ONT.—Although it is not quite pertinent to the question I must first express my opinion that it is neither wise nor prudent to feed honey back either for wintering or finishing sections. But if you are determined to feed it back whether it is wise or otherwise, heat it over a slow fire up to near the boiling point and stir it a little and then when it cools it is ready to feed.

CAPPINGS OVER BROOD AND HONEY.

QUERY No. 35.—In a very popular work on apiculture, the writer states "that bees seal honey with an air tight cover," and in reference to brood capping says "this seal is done with a sort of paper like substance, and while it shuts the young bee up, it still allows bees a chance to breathe through the pores of the capping. What is the difference in the composition of said cappings?—H. E. H.

M. EMIGH, HOLBROOK, ONT.—Ask the writer of the work to explain.

S. CORNEIL, LINDSAY, ONT.—I have never examined the cappings minutely.

O. O. POPPLETON, WILLIAMSTOWN, IOWA.—I have never given any attention to this.

DR. A. B. MASON, WAGON WORKS, O.—The honey is sealed with wax, and the brood "with a sort of paper like substance."

S. T. PETTITT, BELMONT, ONT.—Honey is sealed with pure beeswax. I do not know what is used to cap brood.

PROF. A. J. COOK, LANSING, MICH.—Honey caps are of pure wax, while those of brood have pollen incorporated, and certainly are less compact and more porous.

H. COUSE, THE GRANGE, ONT.—The capping of the honey is made entirely of new wax, while that of the brood is composed of wax and chippings of old comb, etc., and perhaps a mixture of the same material with which the