

ing from experience, if the supply of pollen is ample, but little difference will be found. If the Heddon theory has been adopted, and no pollen left in the hive the clover honey will give far the best results. I am not speaking now of what is termed "stimulative feeding," as I do not believe in that principle.

WM. McEVOY, WOODBURN, ONT.—In spring, if your colonies have plenty of stores let them alone. The best way to increase brood in spring is to have every one of your colonies strong in bees, with plenty of good, sealed stores, and kept in chaff until warm weather comes to stay. Friend, as yours is a question of heat you will have a hot time of it if you feed much extracted honey in warm days of spring when the bees can get nothing to gather they will rob, kill queens and sting everything from a cat to an elephant.

ALLEN PRINGLE SELBY, ONT.—I cannot speak from experience and would like to hear from the bee-keeper who can, in this matter. Nor shall I guess at it, but will give an opinion predicated upon the relative constituents of the two substances. The pound of honey would go further in brooding, that is for food and heat both taken together; while the pound of sugar would be equal, if not superior in the mere matter of heat, but would fall behind the honey in the matter of larval food.

#### Number of Frames For Summer.

QUEEN No 231.—Would you consider it advisable to give the queen anything less in surface than eight frames (10x12) at any time in the summer season?

EUGENE SECOR, FOREST CITY, IOWA.—No.

H. D. CUTTING, CLINTON, MICH.—With my management, no.

WM. McEVOY, WOODBURN, ONT.—No. Not less than eight frames.

DR. C. C. MILLER, MARENGO, ILL.—That's one of the things I'm not sure about. Perhaps not.

G. M. DOOLITTLE, BORODINO, N. Y.—Not the old colony. Should give the new swarm only five such frames at the time of hiving.

ALLEN PRINGLE SELBY, ONT.—That would depend upon the time, duration, and number of your honey flows during the season.

MARTIN EMIGH, HOLBROOK, ONT.—Well, yes, sometimes. It all depends on locality and what you want your colonies to do for you.

R. MCKNIGHT, OWEN SOUND, ONT.—I am not a believer in brood-nest contraction. Consider the queen should have the run of all the frames in the brood-chamber whether they be three or a dozen.

PROF. A. J. COOK, LANSING, MICH.—I should not, except in contracting just at the dawn of the

harvest: to secure comb honey. It might be well for the expert to reduce the number for new swarms.

JAMES HEDDON, DOWAGIAC, MICH.—Yes, but don't forget that at other times during the surplus season it would be much better if she had and was induced to use nearly double that brood comb capacity.

DR. A. B. MASON, AUBURNDALE, OHIO.—Yes. If working for comb honey one section of Heddon's divisible brood-chamber does nicely for contraction. In working for extracted honey I do not contract the brood nest.

G. W. DEMAREE, CHRISTIANSBURG, KY.—Eight frames of the size you mention give about the same comb space that eight Langstroth frames, and no average size colony should ever be confined on less comb surface.

J. E. FOND, NORTH ATTLEBORO, VT.—No, sir, I should not, and ordinarily I prefer ten frames of one foot capacity each. A queen to be of real value will fill, and filled, during the season ten ordinary L. frames. Less than that number will cramp the queen and not allow the colony to give the very best results, with ordinary management.

J. F. DUNN, RIDGEWAY, ONT.—I would have to know something about you before I could give any advice to you on this question. It depends on the apiarist whether the contraction system is a success or not. Bee-keepers with little practical experience will do well to give good colonies eight or ten frames all summer, pick out a few colonies to experiment on, and study up all that has been written on this subject at the same time.

J. K. DARLING, ALMONTE, ONT.—This is a question that is not easy for me to answer, as I have never been able to decide the same question for myself. Have had very good success with a young queen on three frames that size, but she was a virgin with a second swarm, and when the second flow was over there were three sheets of solid brood and I had every pound of honey in the super. Have never had too much brood after swarming time unless the colony did not swarm or the queen was a Holy Land or had Holy Land blood in her.

G. A. DEADMAN, BRUSSELS, ONT.—Judging from the study and thought given to this question, both present and past, it is an important one. It is simply another way of asking to what extent is it advisable to practise the "contraction" system or the limit of the contraction? This question is a broad one, inasmuch no mention is made if for honey or increase, whether large or small colonies. It has been stated, and I believe almost without contradiction, that small colonies will gather as much honey in proportion to the number of bees as a large one, but whether they will or not depends entirely upon the correct answer to this question, and acting in accordance therewith. While eight frames 10 x 12 would do nicely for a strong col