

FOR THE CANADIAN BEE JOURNAL.

SEVERAL QUERIES ANSWERED.

We print below Dr. C. C. Miller's answers to queries Nos. 25, 26, 27 and 28, which, through some miscarriage, did not reach us in time to appear with the rest of them. For the queries to which these are replies refer to the last two or three issues of the JOURNAL.

No. 25.—The difference might be in the bees themselves. Still there are such differences that no one can explain.

No. 26.—Over brood frames a cloth, over sections a board.

No. 27.—I would get both honey and increase from each.

No. 28.—With me it is. J. B. Hall has top bars one inch thick and I don't know that he needs the double air space.

SUNDRY SELECTIONS.

BEEES ON COTTON BLOOM.

S. H. BURGESS, CHESSIER, PIKE CO., ALA.
I have some black Syrians that are away ahead here; they are the first bees that ever worked upon the cotton bloom here. They have the tongues to reach the honey in that bloom which is the best here, being of good flavor and the flow of long duration. I like the JOURNAL very much: have been greatly benefitted by it.

NO CLOVER.

W. Couse, Meadowvale, Ont.—Honey gathering is done with us. The season has not been good. Basswood yielded well but clover did nothing.

QUEENS NOT GOING OUT WITH SWARMS.

Garrett Blough, Paisley, Ont.—Let us know the reason of queens not flying when swarming. We extracted honey from two colonies and in a few days they both swarmed. The bees flew around in all directions and went back to the hive again. Next morning we found the queen crawling outside the hive not able to fly. What was the reason for not flying? Were they hurt in extracting, or what was the cause as both were the same.

You may have killed the old queen in extracting, or she may have been superceded when the first queen hatched, or possibly she may have gone out to mate and got separated from the bees following until she returned to the hive again. If she was allowed to destroy the other queens in the cells the bees would then remove them. The other day we got

between twenty and thirty queens in front of a small nuclei, many of them crawling around unable to fly.

HONEY FAILURE IN KANSAS.

J. W. Margrave, Hiawatha, Kan: This is likely to prove another "off" year in this region. The season has been cold and hot, so interchangeable that but little honey has as yet been stored. I fear we may have to feed for winter yet, but I hope it may be otherwise.

CARBOLIC ACID INSTEAD OF SMOKING.

P. P. Johnson, Morriston, Ont.—Will you kindly let me know through the C. B. J., whether using carbollic acid for driving bees instead of smoke would be likely to injure them. A party told me that bees would get right away from a feather with acid on.

We have never used carbollic acid instead of smoke and do not imagine that we shall ever feel inclined to use it in preference. If anyone *has* used it with success we would like to hear from them.

SHAVINGS INSTEAD OF SAWDUST.

G. L. Pearson, Clarksburg, Ont.—Are shavings from the planing mill as good as sawdust for filling in a bee-house?

Shavings from a planing mill if dry are just as good as sawdust if they are put thick enough to make it equally warm, but it would require one-third more in thickness than with sawdust. If you have a cellar that the frost does not penetrate we would not advise you to build a bee-house and pack it with shavings. A few colonies will winter much better than in a bee-house.

BEER MADE FROM HONEY.

I am satisfied that honey must be turned to some other account or the bee business will be a failure. Don't you think it would make good beer? About forty years ago I knew a man that sold honey to Davis the brewer in Toronto, \$1.03 worth at 12½ cents per lb. Barley was selling at the same time at 40 cents per bushel. I would like to see it tried. Cannot you manage it with some brewer? I think six pounds of honey will produce more sweet than a bushel of malt. What do you think about it?

Our experience with malt is very limited and equally limited with beer, never having drank one glass in our life. We