

of May, it would have been better in many instances. The swarming out is sometimes caused by the bees having too much room and not being able to keep up the heat, become discouraged when the spring dwindling is going on. This state of affairs is most likely to occur after their brood circle increases and they decrease in numbers. They become discouraged from their inability to keep up the necessary heat to carry on their brooding successfully. Your very valuable article, Friend Pringle, no doubt, will be read by many with deep interest.

FOR THE CANADIAN BEE JOURNAL

TIN SECTION RESTS.

SOME VALUABLE SUGGESTIONS FROM DR. MILLER.

IN your advice to Bro. Doolittle (page 57) you allow the support for the 1 tins "to project inwardly about three quarters of an inch." I should consider this very objectionable when you come to take the sections out of the super. A projection of one fourth inch will hold just as strong as if three or ten times as much. One fourth inch with me has worked well. I use Russia sheet iron 1½x1 inch.

With regard to my "baby" (numbers attached to signatures,) of which you speak so kindly, I am entirely willing any one may deck it out in any clothing he may see fit. In a word the matter is just this: When you meet a bee-keeper one of the first things you want to ask is, "how many colonies have you?" and we want to know just the same thing when we meet him in print. As first suggested it was to give the lowest number in spring, say May 1, or commencement of season, and also the number owned at date of writing. The *American Bee Journal* has for part of the year, the number put in winter quarters and the number at date of writing. There is little liability to misunderstanding if either way is used. For example I started May, 1884, with 200 colonies, increased to 300, and am now reduced to say 235. (I don't know just how many I have) whether I sign (200-235) or (300-235) I will be correctly understood. The number of years engaged in the business, given in figures preceding the name I believe was the thought of a Wisconsin bee keeper.

23-C. C. Miller, -200-

Marengo, Ill., April 30, 1885.

You are right, Friend Miller, about three quarter inch being a mistake, it should have been one quarter inch; it

was a typographical error. We are glad you have explained the "baby matter" more fully. It would be very interesting if all would follow your instructions in the matter; as regards ourselves we could hardly give an accurate report without sending some one to the yards before every issue of the *JOURNAL*, to count, as we are constantly selling large quantities and do not know exactly the number; however we will be able to give you the number we have *several times* during the season. If the tin rests fitted accurately one-quarter of an inch on each side would hold them.

"THE CANADIAN BEE JOURNAL."

ACCEPT my thanks for the first two copies of your new apicultural paper. No. 1 contains declarations in its "Greeting," that at once prepossessed me with its enterprise. First. Your avowal to discriminate a respect for inventions, patent or no patent. Second. A riddance from your columns of articles of spleen and spite, or controversies which attack individuals, rather than the principles they inculcate. I have always seen good in, and been fond of, vigorous controversies, but never of those that indulge in "home thrusts," arising from envy and jealousy.

Since reference has been made in the *C. B. J.* regarding the "pollen theory," I will here take the opportunity to say to your numerous readers that that theory has now practically by myself, and analytically by Prof. Cook, been proven to be correct. You may ask, "What good has the discovery done?" I will reply by saying that I have never at any time or place, either by tongue or pen, declared that I could winter my bees with certainty every time by the use of cheap practical methods. I have never before thought so. Since having proven the pollen theory I am now quite sure that losses of colonies in winter are never to occur with me again. I have no more fears of future winter losses than of losing my horses in attempting to winter them. "But," says one, "I have felt that way for years." "I don't lose any bees in winter, and I take no notice of pollen or the pollen theory."

I grant that many have been so situated that they could and did successfully winter their bees, but after they had published all they knew about it others could not follow them and realize the same results. I here claim that all who will