

had to compel them to raise a new queen by dividing. The young queen was long in laying and I helped her by giving several cends of eggs from the mother, thus resulting in paucity and feebleness. Another cause was that I was rather too long in covering them from the winter with cushions and hay. Frost had got in more or less. And the snow was long in coming for their complete protection. The full stock had, as usual, somewhat defiled their hive before dying. The better stock was perfectly clean and healthy although they had suffered somewhat from the above causes. As to wintering in the North West, I have no fear whatever. My great difficulty, as I said before, is the want of natural pasture. My clover was killed by drought last year. I am trying again and my clover and buck wheat are both springing nicely at present—June 7th.

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.

DOES REVERSING INJURE BROOD ?

QUERY No. 162.—Is it in any way an injury to the brood in reversing the frames?—MCK.

G. M. DOOLITTLE, BORODINO, N.Y.—Think not.

PROF. A. J. COOK, LANSING, MICH.—Not in the least.

DR. C. C. MILLER, MARENGO, ILL.—I don't know, but I think not.

S. T. PETTIT, BELMONT, ONT.—I have no experience, so do not know.

O. O. POPPLETON, HAWK'S PARK, FLA.—Have had no experience in reversing frames.

H. D. CUTTING, CLINTON, MICH.—I cannot say from practical experience.

MARTIN EMIGH, HOLBROOK, ONT.—I never tried reversing. I don't think it is.

H. COUSE, CHELTENHAM, ONT.—I believe it to be an injury, as the reversing places the brood in an unnatural position.

DR. J. C. THOM, STREETSVILLE, ONT.—I cannot speak from experience, as I never tried it. I do not think it would be injurious.

Percentage of Loss under Different Plans of Wintering.

QUERY No. 163.—What per cent loss is there generally in wintering bees outdoors packed, in bee house or cellar ?

PROF. A. J. COOK, LANSING, MICH.—We have no statistics which warrant an answer so far as I know.

H. COUSE, CHELTENHAM, ONT.—No definite answer can be given as seasons and circumstances differ.

H. D. CUTTING, CLINTON, MICH.—This is something we have been trying to find out for years but don't know yet.

DR. J. C. THOM, STREETSVILLE, ONT.—I think from 10 to 20 per cent. would be successful wintering, either in doors or out.

G. M. DOOLITTLE, BORODINO, N.Y.—Different winters produce different results. Have lost as high as 75 per cent., and as low as 1 per cent.

O. O. POPPLETON, HAWK'S PARK, FLA.—I do not know what the general loss is, but my own has ranged from 10 to 15 per cent. for the past 12 years in out door wintering.

M. EMIGH, HOLBROOK, ONT.—The question is too hard for me to answer. There are so many careless bee-keepers it is hard to say how much their loss is or when it will end.

S. T. PETTIT, BELMONT, ONT.—At a guess I would say out doors, packed, 60 per cent ; in bee-house or cellar, 30 per cent. I would add that the loss sustained by inexperienced persons has much to do with this large percentage of loss.

SUNDRY SELECTIONS.

TWO DOLLARS WORTH OF THANKS.

DR. W. L. WALKER.—I have only missed getting two copies of the C. B. J. since away last winter. It is worth twice the cost. Received two more thanks (dollar bills) and credited your subscription list paid up and a little over.

Whitfield, Tenn., June, 1887.

CLIPPING QUEENS' WINGS.

J. H. DAVISON.—I have never sent in a statement of my present and past season's work, so I thought I would send a short one now. I put into winter quarters (a cellar under my house) twenty-eight colonies ; lost one in cellar, had one weak and one without queen, united them and the balance were in good condition when placed on summer stands. They have increased well, and at this time are doing well. We have now forty stocks and several getting ready for swarming. The weather is fine and clover honey coming in good. The basswood in the clearings will be in bloom in a few days. I have had great satisfaction this season with natural swarms, as all my old queens are clipped and we just cage them when swarms come off, and then put a new hive on the old stand and as soon as the bees return we release our