

done great good and deserves much credit for perfecting and so strikingly bringing to our notice an improved system of hive manipulation, which it seems to me all progressive bee-keepers must appreciate.

I do not refer to the reversing or inverting feature but to the interchanging of shallow brood frames in cases instead of frames.

More on this system soon.

SAMUEL CUSHMAN.

Pawtucket, R. I.

We think you are quite right, friend Cushman, about the high temperature. We wonder if anybody ever knew of a case of dysentery where the temperature was kept so high that all moisture or dampness passed off. It seems to us that if bees had dysentery badly raising the temperature in the bee house sufficiently high for a time would almost cure them. It is not an uncommon thing to hear of some one putting his bees away in a house or cellar where the temperature is much too low, then reporting large losses from dysentery. We never recollect hearing of a single case where the temperature was kept at the proper degree. Is it not about time that we began to study the best remedy to apply at the first appearance of dysentery. Think the pollen theory has been pretty well talked up. Perhaps if we add a little heat to our repository and do away with the "pollen theory" we will be taking a step in the right direction.

## SUNDRY SELECTIONS.

### BEE-KEEPING IN NOVA SCOTIA.

H. H. ROACH.—Although I am not as yet a bee-keeper of any experience and cannot say anything of interest to bee-keepers, yet I thought I would like to tell the numerous friends of the "busy bee" what kind of a place Nova Scotia is for the apiarian. The season here is very short, does not open until well into May; although late there is a continuous flow of honey until frost comes. Among the pollen and honey producing plants and shrubs we have the following: Alder, willow, mayflower, hard and soft maple in abundance, cherry, dandelion in great abundance, apple, plum, white alsike and red clover, the white grows in wild profusion, raspberry and all other kinds of berries, August flower (or black dandelion) continues in blossom from the middle of July to the first of September, and is visited by bees from early until late, touch me

not, and other herbs, thistle, asters, pennyroyal. Friend Root says in A. B. C. that California white mountain sage will grow where pennyroyal will, if that is so, here is just the place for it, and I think I will get some of the seed and give it a trial. Goldenrod and buckwheat in abundance. Basswood does not grow here to my knowledge, but we have a tree called moose wood that resembles it somewhat, only it does not grow large, not over five or six inches in diameter. Now, friend Jones, I think bee-keeping can be made a success here. The season is warm in summer and changeable, but not cold, in the winter. Years ago there were a good many bees kept in this place, but owing to improper wintering they have become, with a few exceptions, a thing of the past; what few are kept are kept in the old box hive and wintered on their summer stands without protection. Are you acquainted with the mayflower, if not I will send you a sample as soon as it blossoms. Its buds are formed under the snow and if the snow goes off in February or March, so as to leave the tops of the hills and knolls bare, it is not uncommon to find the modest little flower in bloom. It grows in beds on the side of hills and dry places; the flowers hidden by the foliage are bell-shaped and grow in small clusters; in color it varies from the most beautiful pink to snowy whiteness, and they are so fragrant a handful of the blossoms will scent the whole house with its delicate and exquisite perfume, and a bed of them will scent the air for rods. Now, in conclusion, I would like to ask a few questions. (1) I am a young man of 21 with limited means, I have purchased two colonies of black bees to be delivered in the spring and what I want to know is, how can I by purchasing one Italian queen increase them to the greatest number of stocks and Italianize them at the same time? (2) What size section will hold just one pound? If you or some of your kind readers will please answer the above questions I will be very much obliged. Will give you the dimensions of my hive, which I consider an improvement on the Langstroth hive. I thank you for the samples sent and wish you and the C. B. J. success.

Clarence, Annapolis Co., N. S., March 8, '86.

You must have an excellent locality; with the exception of basswood you seem to be specially favored. By all means send us a sample of your flowers. Could you not press a few of them so we could have them for the exhibition. By taking ordinary wrapping paper if you have no blotting paper, putting several thicknesses between each layer of flowers, warming it before