

boards, hoist the hives up by a crank and pulley fastened to the roof, take them in through the window and pile them six deep all over the room. Last winter I put forty hives in the cellar and forty more up-stairs. I lost one in the cellar and none of the forty up-stairs. I have lost none in seven years that I kept up-stairs. I have lost some since I put them out by spring dwindling and robbing but not many. I had a swarm on the 17th of May. Who can beat that in this climate? I must say that I like the C.B.J. very much. I have not had it long but I would not like to do without it. I think it has improved greatly since it took in the old hen and her chickens. I am in the hen business as well as farming and bees.

Holton, May 22.

DAVID WILLIAMS.—Will a colony of bees swarm before the drones come out of the hive and fly about I mean in the spring. Say the first swarm.

Owen Sound, Ont.

Before a colony is sufficiently strong to swarm they usually hatch drones. We have endeavored to induce them to raise only workers by putting nothing but worker-comb in the hive, but they would always manage before swarming to raise a few drones, even though they had to cut down the worker-cells and build drone cells. They very seldom swarm before the drones fly.

ELIZA J. SMALL.—We had a square box hive with hanging frames filled with foundation in the fall we fed nearly 5 lbs of white sugar we only sent for one lb of bees with queen and did not see queen. Do not believe we got one. We let the hive stay out in the garden close to the house out of the wind until the water began to freeze or crust over, we slightly covered over with cloth at nights till we took them up stairs to an open chamber we covered with a quilt and put a wire screen over the entrance like that in Mr. Jones' hive and in the spring there was some melted sugar in comb and I should think the same quantity of bees in hive all dead. What killed them.

East Monmouth, Kennebec County, Maine.

We think your colony was too small to winter well and the queen may have got killed in transit or after introducing. small colonies prepared in the fall from nuclei or bees by the lb. do not seem to winter as well as those prepared early. They are very seldom as strong as they should be.

Occasionally we have quite strong colonies die and it requires an expert to examine in order to detect the cause and even then sometimes it is difficult to account for the difference between that and those that have lived and come out in good condition.

BUSINESS DEPARTMENT.

THE COMBINATION HIVE.

We sell more of these than of all our other makes together and we find nearly all of them with the new reversible honey boards and reversers.

SECOND-HAND JONES S. W. HIVES.

We have several hundred of these in stock which we offer complete with 12 frames at 70cts. each f. o b. cars here. They have been used one and two seasons and many of them are painted.

We wish to say that the prices as found in our catalogue issued last season hold good for 1889. We have a large lot of our last issue yet on hand, and there is so little change in them that it is not worth while throwing them all to one side. Those who have this catalogue will please note this, when ordering, and those who wish a fresh one, please drop us a postal.

THE BOSS SECTION PRESS.

The demand for section presses seems likely to be good. We expect to have the castings complete in about a week's time and immediately we will be able ship the "Wakeman and Crocker" press by return express or freight. Remember that you can easily fold 100 sections in six minutes with one of these machines, and if you have only one or two thousand sections to put together it will pay you to have one of them. The price is \$2.60.

FORCE PUMPS AND SPRAYERS.

Our second order has already been placed for the above. We sell more of these every year and we don't wonder at their growing popularity as nothing nicer than these can be kept about a place. They answer so many purposes as spraying fruit trees, currant bushes, and flowers, watering vegetables and flower beds, washing windows and buggies and last but not least for general use in the apiary. At the low price of \$2.00 no one should do without one.

Special Announcement

WE have made arrangements with Dr. B. J. Kendall Co., publishers of "A Treatise on the Horse and his Diseases," which will enable all our subscribers to obtain a copy of that valuable work FREE by sending their address (enclosing a two-cent stamp for mailing same) to Dr. B. J. KENDALL Co., ENOSBURGH FALLS, VT. This book is now recognized as standard authority upon all diseases of the horse, as its phenomenal sale attests, over four million copies having been sold in the past ten years, a sale never before reached by any publication in the same period of time. We feel confident that our patrons will appreciate the work, and be glad to avail themselves of this opportunity of obtaining a valuable book.

It is necessary that you mention this paper in sending for the "Treatise." This offer will remain open for only a short time.—T. F.