

swarm out when they have no queen and no means of raising one. They seem to know that without the means of keeping up the hive they will soon become so depopulated that they must all perish, and swarm out probably to try to better their condition. Frequently they try to unite with other colonies.

BEES IN MANITOBA.

WM. RITCHIE.—I shall try in a few lines to give you my experience with bees in Manitoba. Last year on the first of July I got my first swarm or rather found them on a small bush on the prairie about a mile from home. Where they came from I never found out, for at that time there were no bees nearer than eight or ten miles. I put them into a small packing box the only thing I had in the line of a "bee box." They went to work immediately and put off a swarm in 6 weeks after I got them. Both gathered enough honey to keep them through the winter, and they came out of the cellar in good condition, but owing to the dry season, they have not done very well. So far they have swarmed once each making in all 4 colonies. I think they will do better now as we have had some nice rains lately.

WM. RITCHIE.

La Riviere, Man.

THE NAMELESS DISEASE.

C. W. FORD.—I have two colonies of Italian bees, troubled with what A. I. Root terms the nameless disease, the symptoms are a sort of quivering and twitching motion and finally the bees become so emaciated that he looks like a thin black skeleton of what a bee should be and the youngest and smallest bees keep driving out the glossy ones. The colonies are becoming very weak, the one is a swarm from the other this season. If you would kindly give me a cure for said disease through the medium of the C. B. J. you would greatly oblige.

Morewood Ont, July 25, 1889.

You might try adding a comb of brood occasionally not to allow them to run down too weak and change the queens by putting in young vigorous queens. We think they will come all right.

THOS. SLACK.—I have 100 Jones hives out down four inches, extracting super same size, one half stories, your kind, that tear up with rabbit out in bottom so that one drops outside of the other easily for tiering up. Now what points has the Combination hive that are any way better or as good as the above hive.

We would not advise you to change seeing you have arranged your hives in the way you speak of. The brood chamber of the combination would be about the same size but more compact. The Combination is more convenient to handle, is a better hive for taking comb

honey, just as good for extracting and easier manipulated.

I see you ask about queen cells when bees have carried eggs. Last week I had two hives build one cell, one capped, each in the extracting super. Honey board queen exoluding and apparently all right; no other brood in super and no possible way that I know of for the eggs to get there unless carried by the bees,

Waterloo, P. Q., July 4.

Just watch and see if it produces a good queen. If so, it will be further proof that bees do carry eggs and deposit them in queen cells, as it is not at all likely that the queen laid them because had she got through the honey board she would have laid more eggs than the one in the cell.

FERTILE WORKERS.

JOHN M. WELLS.—There are some freaks in my bee yard that I ain't used to. I have one hive in which I can't find the queen. I never was whipped before. I gave them a queen cell, they tore it down. A queen given a few days after, they killed. Latterly a few eggs are being deposited in the cells here and there, but they don't seem to develop. Some of the bees look nearly as large as a small queen. Would it be any use to "s-w-a-p" them into another hive. I was thinking of putting them into a strong colony, putting a new queen and brood in their place.

I think yours is a case of fertile workers, and if you put in a couple of frames filled with hatching brood and eggs, they will no doubt start queen cells or you can give them the first strong swarm that comes out, which would end the difficulty. They no doubt have been queenless for a long time or you would have succeeded in introducing one.

I have an old queen, very active. She keeps the hive full of brood and bees. She has sent out her two daughters with swarms but refuses to go herself. Is it usual? Her wings are clipped.

Pinkerton, July 23rd.

The case you speak of the old queen sending out her daughters in two consecutive swarms and remaining in the old colony herself is not usual. Are you sure you were not mistaken? Often old queens duplicate themselves so perfectly that it is very difficult to tell the difference and in such cases unless you have some special mark you may be mistaken.

Convention Notice.

The International Bee-Keepers' Association meets at Brantford, Dec. 4 to 6. R. F. Hotterman, Sec'y.