

Since writing our reply to Mr. D. M. Macdonald, which appears elsewhere in this issue, we have come into possession of a book written by M. Quinby, published in St. Johnsville, N. Y., April, 1865. It would appear from this book that Quinby knew that the foul brood disease was in the honey, and he adopted as the plan of curing, the separation of the bees from all old comb and all old honey. He did not formulate a cure as thoroughly as Mr. McEvoy has done, but he appears to have come pretty close to it. He recommended driving the bees from the diseased combs, and putting them in an empty hive and applying the starvation cure. He says: "Keep them in the empty hive until the honey taken with them from the diseased hive is consumed—thirty-six or forty-eight hours." On Page 215 he says: "The fact, that when I had pruned out all affected comb from a diseased stock, and left honey in the top and outside pieces, and the bees constructed new for breeding, led me to suppose that it was a contagious disease, and the poison was contained in the honey. Some of it being left in the hives, the bees had probably fed it to the brood." Of one thing he seemed certain; that the disease was conveyed in the honey. But in solving the problem in other particulars he was not quite so successful as Mr. McEvoy.

SCIENTISTS SOMETIMES MISTAKEN.

Professor Cheshire staked his reputation that the honey in foul brood colonies was not diseased, and pushed his drug treatment.

I persistently maintained that part of the honey in foul brood colonies was very badly diseased, and said that nothing short of a thorough cleansing process would cure an apiary of foul brood when it becomes badly diseased. This dispute over the honey and my methods of treatment lead to the putting of Dr. Howard, of Fort Worth, Texas, to work. He had

been a practical bee-keeper, having kept as many as 300 colonies at one time.

Dr. Howard wrote to me to send him diseased comb with honey in it. I expressed to him two large pieces of comb which contained foul brood in all stages and honey unsealed and capped. When Dr. Howard uncapped the honey and found the foul brood germs in it he wrote to me saying: "McEvoy you are the Moses in the wilderness that held up the serpent while the children of Israel sat by the stream and wept."

My methods of treatment, when properly carried out will cure any apiary of European or genuine foul brood.

European foul brood will be a thing of the past when the bees in every apiary are changed into pure Italians.

It is the greatest of folly for any person to advocate disinfecting empty hives, because disease was never, no never, spread through using any empty hives that foul brood had been in.

WM. McEVROY.

Mr. McEvoy asks us to publish the following letter received by him from U. S. Inspector W. D. Wright:

Dear Friend McEvoy:

Your favor of the 25th ult., came to hand. I am continually recommending your method of treatment for either American or **European foul brood**, as the best in most cases, and it has been very effectual when properly carried out.

I have in mind now several good sized apiaries, which were thoroughly treated a couple of years ago, and which are giving substantial returns each year, with little or no disease appearing since. However, these bees were also thoroughly Italianized, a measure which I always recommend in the case of black, Carniolan or hybrid bees, as after thorough treatment they are otherwise liable to reinfection, as long as any disease exists in that locality."

W. D. WRIGHT.

Nov. 8th, 1909.

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