

what thousands of our bee keepers know from experience is not a fact. If diseased bees, or bees from a foul broody colony, when feeding the larvae from clean honey and pollen give the disease. what would be the use of our Inspector or sub-Inspector fasting bees to cure the disease? If this statement were correct, why would not the disease return every time to a badly diseased colony as soon as they commenced raising brood again. The microscope which proves something to be a fact that has been proven thousands of times not a fact, is of no use to me. Does Mr. Corneil mean to say that the thousands of bee-keepers in America who have cured their diseased apiaries by the fasting plan or any other similar plan, which gets rid of the honey in their sacs, and then getting them clean hives and clean combs, are mistaken, or do not know what they are talking about? Is it possible that they are so blinded to facts that the disease has returned to their apiaries without their knowledge? Is it possible that all these statements and proofs are falsehoods, falsifying facts to fight science and the microscope? Is it possible that the tens of thousands of queens taken from foul-broody colonies and started brood rearing in clean hives that never showed a sign of disease, have the disease again? Is it possible that the 50 or 100 thousand colonies that have been cured in America which never showed the sign of disease afterwards, are all a myth? Is it possible that because we do not carry microscopes in the bee yard that all we do and learn in reference to this matter simply deceives us, and that we are groping in the dark? We think science and practice go hand in hand, and that there is a possibility of scientists making mistakes. Mr. Corneil tries to get over the alleged error of Cheshire's in reference to the way bees build comb, by saying that when combs are soft from heat they may be stretched or compressed so as to put the cells altogether out of shape. We were not a little surprised at this statement. In the year 1887, if our memory serves us right, when Mr. Cowan, the able and esteemed editor of the British Bee Journal, was visiting us, we also had the pleasure of Mr. Corneil's company, and while Mr. Cowan was here we showed

him not one cell, but thousands of cells built in almost every conceivable shape, not stretched in a peculiar shape from heat, as Mr. Corneil would have it, but simply built in that peculiar way—not one comb but hundreds of them. As we had thousands of empty combs on hand hanging in our bee houses, we just took them down indiscriminately from the comb racks and showed hundreds of combs with these peculiar cells, and after cutting out about 25 large combs and packing them up for Mr. Cowan, we looked over our combs afterwards and found a very large number of much better specimens than those we had hurriedly given to Mr. Cowan. We are free to admit that some years ago we believed we could start foul brood. We gave it a fair trial, however, and after testing it to our entire satisfaction we were convinced that we could not and was quite willing to admit it, and we hope we shall never be so blinded by prejudice that we will not readily admit facts as we see or find them.

Mr. Corneil says: "There are more unwarranted statements and assumptions in the science of foul-brood, as taught by Mr. Jones and those who agree with him, than are to be found in any department of bee literature. For instance, Mr. Jones says: 'We have no knowledge of the disease ever being spread by the bees after the honey in their sacs was consumed.' We reply that it is an unwarranted statement to say that he ever knew when the honey in their sacs was consumed without killing the bees."

We are equally surprised at the above statement, does Mr. Corneil mean to say that nearly all the intelligent bee-keepers in America are wrong and are deceiving themselves? It is unnecessary to kill the bees to find out when all the honey in their abdomens is consumed. Scientists have to do it, practice does not, as our intelligent bee-keepers are able to judge, and as a proof that their judgment is correct we have only to point to the tens of thousands of colonies cured by their judgment without the aid of the microscope. Is it not strange that these scientists with their microscopes which tells them all that is to be known, are unable to find foul-brood in the honey? We have repeatedly asked them to examine it