

thoroughly wet; this helps to facilitate removal of the artificial queen-cells when made.

Having everything in readiness for this operation, we commence making our cells by dipping each "former" alternately in the heated wax, making the first dip the deepest. I dip mine five-eighths of an inch the first time, and a little less every time afterwards. The dipping continues until the wax-cell and dipper together very much resemble a large fusee-match. The cell cups are then set to cool, when they can be removed with a little care. I have experimented with cells made deeper, and with others not so deep, as mentioned above, but find the depth stated to be the best.—HENRY W. BRICE, Thornton Heath, Surrey, in The British Bee Journal.

Report of Perth County Bee Association.

The County of Perth Bee-Keepers' Association met in the Orange Hall on Thursday Dec 6th. President F. A. Gemmill in the chair. After the reading of the minutes and a little unfinished business, the election of officers took place, with the following result: President, F. A. Gemmill; Vice-President, John Baxter; Sec.-Treas. John Myers; Auditors, Wm. Aiken and J. Whetstone. Mr. A. G. Willows read a paper on preparing bees for winter, a copy of which will be given in C. B. J.; there were some very valuable points brought out in this paper. The President also read a paper on the production of Comb Honey, which will also be given in C. B. J. The Question Box was then opened, and some lively discussions took place on several topics. There was a fairly good attendance and a thread of good nature seemed to run through all present. A goodly number of ladies were in attendance. Everyone present seemed to enjoy themselves, and expressed themselves as well pleased with the meeting. The Association then adjourned to meet in St. Marys some time in May. Upon motion the members of the Association took the CANADIAN BEE JOURNAL for the coming year as a premium.

JOHN MYERS, SEC.-TREAS.

STRATFORD, Dec. 8, 1894.

Part of the Experimental Union Report.

Mr. R. Holtermann,
Director Apiarian Committee Ontario Agricultural and Experimental Union, Brantford, Ont.:—

Dear Sir,—In reply to yours, concerning Queens sent by Experimental Union, I beg to report as follows: The first two (2), viz., a manum leather colored queen, and a five banded Queen received safely and in apparent good condition. Both were successfully introduced, and in due time commenced laying. I accordingly raised a batch of young Queens from each by giving eggs to Queenless colonies, properly prepared for the purpose. The majority of the young queens became fertilized, and after they had commenced egg depositing, were introduced to full colonies. The manum Queen appears to be a good prolific mother, but I cannot as yet state what the progeny may do in regard to producing a good cwt. of honey, as compared with the workers of other colonies, for the reason that the flow of nectar ceased in this locality, shortly after receiving the Queens referred to.

About a month after their arrival, I had occasion to look into the hive containing the five banded Queen, and found to my astonishment, that for reasons best known to the colony, the old Queen was *non est* in other words she had disappeared, and a newly hatched cell, or either the Queen from such, was in possession of the hive, indicating that the bees had superseded the old Queen. From a close diagnosis of the case, I concluded the bees had voluntarily and with as one might say, due consideration for their own welfare done so. Whether or not there is any truth in the statement, that this class of Queens, are more liable to become deposed, than the other kinds, I am unable at present to say, but in order that I might have an opportunity of testing the matter, I wrote Mr. Holtermann the facts of the case, and he again forwarded me another, which was received in the same apparent good order, as the first one, and which was also successfully introduced to another colony of hybrids, and which I shall watch carefully as to results etc.

In conclusion I may state, that I shall note particularly the working qualities of the progeny, from the young Queens raised as also the Queens sent by the Union, and trust I may be able to give your Association a full report after giving them a year's trial. Those colonies as also all the others I have 102 in number well prepared in good time, with a sufficiency of proper stores and properly packed in single clamps, so that all will have the same advantages etc. Trusting this report may suffice for the time being. I remain.

Yours truly

F. A. GEMMILL

Ass't Foul Brood Inspector of Ontario.