

strong to allow parting the comb in the centre, leaving the cells on one side. Almost full sheets of comb appear with cells only on the one side.

Quite large sheets of old wax can be parted in this way by warming them in the sun or by the fire and we have frequently done it in our various experiments in years gone by. Our friend says one of his neighbors claims that it is caused by the bees building their comb on foundation and not using the foundation except as a wall to build on. This however is a great mistake as it is the cocoons that caused the separation of the comb in question forwarded to us as a proof of this statement. Single cells may be taken out in their natural shape, each cell perfect, then by taking a microscope with a sharp instrument the number of cocoons will indicate the number of bees that have hatched in each cell. We have sometimes counted over 50 in a single cell. Let any of our friends take old comb warm it and separate it, then carefully examine the cells and they will be able to determine how many sets of brood is hatched. It is quite interesting to those who have not studied it.

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### Judging.

#### IS THE SINGLE JUDGE SYSTEM THE BEST?

IN Canada at nearly every exhibition three judges are appointed to decide the merits or demerits of whatever exhibits are placed before them, while our American friends generally allow one judge to do the work which is assigned to three in Canada. The question has often arisen as to which is the better place, and we have at times felt that more satisfaction would result to the exhibitors were one first class impartial expert to do the work. Our idol however has been rudely shattered after an extended experience of some years and we shall hereafter stick to the three judge system as away ahead of all other methods. It is true that in many cases where three judges are chosen each of the three may not be equally competent, but this need only be so in cases where many different exhibits come before the same trio, as when butter, cheese and other dairy

products are placed in the same collection and come before the same judge as bees, honey and apiarian supplies.

In all our large exhibitions these and other classes are divided and judges are appointed for each distinct class and the excuse given above cannot possibly avail here.

There will be no danger, or at least a good deal less danger, of partiality being shown. There will be no possibility of any collusion between the judges and superintendents in charge of the exhibition and everything that is done can generally be viewed in the full light of public criticism and come through the ordeal unscathed. There is a chance of all these by the one judge system. A friend of ours who has had a large experience at exhibitions and fairs where both systems of judging were practiced relates his experience to us as follows, and it is the story which he has told us which confirms the opinion which we have given utterance to above.

At a late fair where one judge did all the work, he tells us that a superintendent of another department came to the superintendent of the department in which he was interested and made arrangements with him to buy certain things and show them in the name of the latter in the department of the first named superintendent. The judge was, he felt satisfied, cognizant of this. In some classes there were not sufficient entries to cover all the prizes and he tells us that an arrangement was made on the suggestion of the judge whereby goods were obtained and shown under the names of parties who were not present at all. He further states that these goods were given preference over others in judging and took prizes though they did not deserve them and that throughout the whole department he could see where the judge and the official of the show were conniving to help themselves financially at the expense of the other exhibitors and of the Association. Our friend, whom we met at the Toronto exhibition, where he furnished us with these statements, claims that he is able to substantiate every one of them and if this be the case it is high time that some change was made in the mode of judging or that the directors of the fair at once revert to the old system of having a trio of judges.