storey will entice the bees up more readily, but we have rarely found this necessary, more especially if no queen excluder be used.

Equally good results may be obtained by placing the hive of empty combs under the stock hive.

As soon as these two storeys are pretty well filled with bees add a third, but in this place your frames at r_2^1 to r_3^2 inches from centre to centre, as these combs will only be used for extracting, the two lower storeys, giving the queen ample room for egg-laying. It will not be long before the bees will be ready for a fourth storey, which is filled with empty combs and put between the second and third, bringing this last to the top.

The top hive will be filled and tinished first and when all the combs are nicely sealed over the hive with its full combs is removed and another with its tull combs is seen the seen the Second and third storeys. The combs can be extracted at once, or if we have plenty of these emails empty in stock the extracting can be left until later in the season. Some may imagine that it would be impossible for bees to fill such large bives, containing as they do about forty standard frames, but it is not so. These hives are after all not so very much larger than those so extensively used in some parts of Switzerland and France, and known as the Layen's hives, which are not found any too large. In these the Queen has full liberty to lay to her utmost capa-bility bility, the bees are never cramped for want of toom, and swarming is entirely prevented.

It is true that all queens are not so prolific, and are not all able to keep such a large hive such queens. We raise our queens only from Prolific, and all those not up to our proper stanqueens bees are not so inclined to swarm, and to work our apiary year after year without getup.

When we have left it to others swarms were hot prevented, and we have a curious instance of this. In 1884, when we were away during swarms should be allowed. Our man did not was that we had a very large number of swarms, were at home during the swarming season, and their, requirements we had not a single swarm, to swarm.

We may safely say that with our system, if properly worked, there is no desire to swarm; and there are and have been, beside ourselves, for a number of years bee-masters who have not only succeeded in preventing this desire, but have also worked with this object in view.

To prevent swarming we must have young and vigorous queens, and these must have sufficient room to lay their utmost. The bees must not feel cramped for room when honey'is coming in, but must have as many empty combs as they are likely to require for storage; and if these requirements are complied with, they will not only not swarm, but what is much more important, will have no desire to swarm. Much valuable time is frequently lost in preparations for swarming, which also unsettles the bees, and this at the most valuable season of the year, when perhaps they might be collecting 15 or 20 lbs. of honey a-day.

To work this system to the best advantage it is necessary to have a large number of frames of empty comb. We have several hundreds of these which we use over and over again, and all the storeys consist of the same sort of hive.

There is a great advantage in giving the bees a full supply of ready-made empty combs. When the honey flow commences they can at once begin to store it in the empty cells, just as fast as they bring the honey from the fields. No time is lost, and as they have plenty of storing room, there is no need for them to crowd the queen out of her breeding space by depositing honey there. If, however, we give an empty hive or comb foundation, the case is very different. It is true there is plenty of space. but before the bees can make any use of it they will have to build the combs. It takes twenty-four hours to transform the honey into wax, and although it does not take the bees quite as long to construct combs from foundation as when none is given them, there is a great deal of time lost. The collecting bees on returning, finding no empty cells in which to deposit their loads, take the opportunity of placing the honey in the cells of the hatching bees, and thus rob the queen of her breeding space. When the bees find that the queen is getting short of cells for laying her eggs in they acquire a desire to swarm and make preparations for doing so.

We have used shallow supers (Neighbour's frame supers with straw sides), 6 in. deep with frames, and some $4\frac{1}{2}$ in. deep, because we had them, also Carr Stewarton body boxes, which we worked in 1875 very much in the same way, but we found that ordinary hives did just as well, and there was the great advantage of using only one size of hive and one sized frame, which