

to one system, that system to be the case system. I believe it to be the best because I use it myself. That is natural. And the different manipulations which I shall detail shall be adapted to that, not to the movable frame, or the box hive systems at all.

Now, to begin with, I will suppose we are all beginners here. I want a man for the season and I am going to engage him and he knows nothing about bee-keeping. It is now about the last of May or the first week of June and first of all we will go out to the yard and see what is there. If you are a beginner there are certain things which are adjuncts, a smoker, a veil, a straw hat and a bat. Those are the implements which I consider necessary. If you are starting in I do advise you above everything else get a good smoker, not a cheap one or a makeshift. If any one can get along with a poor one it is the experienced man. Next, get a good veil. A great many use this mosquito netting. It is very poor. Use Brussels net and use no other color but black. Put it over a straw hat. I have noticed when beginners get into the yard they usually wear these things pretty faithfully for about three days over their faces, and then they begin tucking them in around their neck; soon after that the veil will be taken off the hat and a few days afterwards will be left in the shop. Another adjunct is an instrument something like this old chisel. We go to the yard with these, and we will see what is there. It being about the last of May, you will find something like what you see here, a wintering case with a colony of bees in it. They are packed on the outside, and the first operation is to unpack them. It is a simple operation. Along about the last of May or the first week of June you take these wintering cases off. There may be individual colonies

where you will have to take them off earlier than May, but usually about the last of May. In removing them we use an old sheet. Spread it out on the ground. Quiet your bees with your smoker at the entrance. Remove your cover, grip your hive, case and all, and lift it on to the sheet bodily. Put your foot on the hive, pull up your case and it is off. Next brush your packing down from the hive on to the sheet, which is spread around to catch it. Pick up your hive and put it on the stand. Take up your bottom and put your case upon it. Gather up your sheet by the corners with the packing in it and dump it with the packing back into the case. Throw in the bridge, cover it up and set it away. That is the first operation that takes place about the last of May.

There now is a hive I have taken from the case, a single-storey Heddon hive. Some of the cases will contain these single stories, some of them double stories, just depending on how they have been wintered. To start with, we will deal with the single case first. It is along about the first of June. That case will be full of brood in various stages of advancement, some of it hatching, and considerable honey not capped enough to keep them going. It is full, and it is time for the upper honey case to be added. It is done this way: (places super on hive). Here is a queen excluder which we place between to keep the queen below. This may be done a couple or a few days after, or if it is not of sufficient strength you let it stand till about the 8th June, when the ~~winter~~ ^{brood} begins to open up better, a short time before that. If for extracted honey we put on one of these supers.

We will suppose, again, that there are some of these which have come out of winter quarters in double-storey hives. We have then a different condition of affairs to deal with. Taking