

honey to the weaker colony, and they will boom right up. I do not put these supers on every colony; maybe ten will be ready to-day, and I follow them up that way, when they whiten out, anybody can see it by a glance; if they whiten out in fruit bloom I should put them on then; not comb honey.

Mr. Atkinson—I never put mine on till clover; as soon as they get full of bees, or white in the tops I put on supers; I always put them on before they swarm.

Mr. Holtermann—Do you put on a full super?

Mr. Atkinson—Yes; one eight.

Mr. Shaver—I use some very shallow frames in the spring; they are only comb honey supers, with a frame to match; I think they are far ahead of the larger frame, in the spring.

Mr. Fleming—I think it advisable to put them on early, just as soon as you see the honey, to prevent increase; get them on early, and if you get them to swarm you can change them over to the new colonies; that is my plan—to put them on at the beginning of the clover season.

Mr. Armstrong—Don't it make a little difference in putting on supers whether you want increase or not?

Mr. Fleming—I think for the most part dealers get the supers on too soon rather than too late, because the chances are that you can keep them down and they won't swarm at all. We have numbers of hives that do not swarm. I like to get my supers on when they are crammed full of bees, and we know when we are going to get honey by the blossom; I get the supers on just before that.

Mr. Shaver—You would advise any young beginner to put them on before they started to whiten? I have them come to me in the spring and I try to give them lessons; I want them to see them whitened and on they go. I mean comb honey. I do not mean whitened all over. That is the time I put mine on. Seventeen pounds in two days is pretty good from blossom. I do not get much from raspberry.

Mr. Roach—When they are hanging around the entrance a little I put the supers on. I have put them on in fruit blossom and I find them clean up the comb, and as soon as any honey comes they are ready to put it there. Give them plenty of room in good time.

Mr. Taylor—I put mine on good and early for extracting honey. I like to give them lots of room. If the combs are white and they are crowding around the entrance I give them eight or ten.

Mr. Heise—I have a half super. It is split vertically instead of horizontally. I get about the same results as if it was split the other way. I think it is an advantage to use half supers.

Mr. Holtermann—The bee-keepers generally have that old idea that

A swarm in May is worth a load of hay,
A swarm in June, a silver spoon,

A swarm in July, not worth a fly;
and when they get an early swarm they think it is wonderful. If they get too early swarms they get them at the expense of strength every time. We practice putting on the upper stories as soon as they begin to whiten out along the top bar. I have always thought that was time enough to put it on. The shallow super—of course there is no reason why I should object to it—but we should avoid having odd sizes of frames, and I cannot see why we cannot take four frames, put a division board and a quilt on each side and put the four frames on the centre of the brood chamber, and put that on your hive and it gives you the same capacity as eight shallow frames. Take the four combs and they are twice the depth of eight shallow combs; you put that over the centre of your brood frame and then put a quilt over the top of that and a cushion and with these four combs you can put them anywhere, give them to any kind of a colony; but with the others you cannot do that, you cannot put them into a weak brood chamber that wants some honey. I would have them in the centre and a division board on each side. Another thing, we sometimes have succeeded in drawing out the foundations very nicely by putting on supers at that time, but it cannot always be done; your colony will build all up, it does not make any difference whether you run for extracted or comb. When the light honey begins to come in the stronger ones run for comb.

Mr. Armstrong wanted to know whether, providing they had the extracting supers all on, and did not get any honey for two weeks, any harm would follow.

The Chairman replied that they would be cleaned up before anything else would be done.

How can the Flow From Early Blossoms Giving Inferior Honey be Utilized to Draw out Foundations?

Mr. Robinson—Put the super on with the foundation in.

Mr. Armstrong—If the flow of blossom honey and the other honey comes on together, I put on a super and take a few