

said something about management. That is just where it strikes me as a question of importance. In management I want to take off my grade honey third story and I think Mr. Pettit will agree with me that it is important to have the clover honey separate from the basswood.

Mr. Pettit: Yes.

Mr. Dickenson: In order to get as many pounds of clover honey ripe as early as possible I don't want to have too large a hive; I am afraid my clover honey would be cut down; I would have too many of those combs not capped because I had put too many on for the upper story. I think I would have several thousand pounds less.

Mr. Pettit: We must keep clear the distinction between large brood chamber and large hive.

Mr. Dickenson: It is just as possible to have a large brood chamber with an eight or nine framed hive as with the twelve. As soon as the bees are ready to swarm you artificially swarm them.

The President: You are assuming that your extracting combs are the same depth as your brood combs?

Mr. Dickenson: Exactly.

Mr. Pettit: Mine are the same.

In case we want the large brood chamber, according to my view, if you want to keep the basswood separate from the clover just put on one extracting super; but it means a great deal more work.

Mr. Newton: I agree very much with Mr. Dickenson. I can hardly see what Mr. Pettit is trying to get at at the present moment because I do not think either Mr. Dickenson or myself would put on two extracting supers at once. We generally do not put the second on until the first is at least two-thirds full. As to the twelve frame hive retarding swarming, I do not think it makes a bit of

difference. I have worked sixteen-frame hives and I have seen just as many swarms out of those.

Mr. Holterman: Were they alongside of one another?

Mr. Newton: Yes.

Mr. Holterman: And one swarmed as soon as the other?

Mr. Newton: Yes. At the same time I think there were eight different styles of hives in the same yard. I think when the bees get the swarming impulse they will swarm out of one just as quickly as out of the other, and I would rather lift an eight-frame than a sixteen-frame.

Mr. Darling: I think this is a question largely depending on the size of the colony of bees, the size of the man who manages the bees and the size of the locality. I use a hive and have for years that is somewhat larger than the hive Mr. Hall talks about. I think his has twenty-eight hundred cubic inches; mine has thirty-two. I have seen mine swarm time after time when it wasn't over two-thirds full. They will swarm, other conditions being satisfactory. They will not swarm with the conditions being favorable for their storing honey.

Mr. Pettit: In my opinion where you delay putting on the second super until the first one is nearly full is just where you miss it in retarding swarming. The great point in my experience and in my reading has been to give plenty of room and give it before they have any notion of swarming.

Mr. Webster: You must go according to swarms; there are some medium and some strong. When you get up to a certain point give plenty of room at the top and plenty of air at the bottom. I have kept my bees weeks and weeks without swarming at all. Take the honey from them; do not let them get ahead of you.

Mr.
any su
our wh
cause
man ha
should
withou
strong,
tra sup
brood.
Mr. N
three-co
start?
Mr. F
extracti
Mr. N
that com
Mr. G
of hives
manag
with wh
Mr. L
Langstro
begining
than ten
as small
eight-fram
any lar
and in thi
they filled
with bees
Mr. Ha
almost any
ate them
you use a
near your
arger hive
more with
arge hive,
May wit
full of broo
have also
ow me to
many bees
frames, ei
ches insid
ches deep
when they s
unds of 1
all of broo