hose capped first we produce a small mantity of extracted honey and the ulk of it in comb.

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Mr. Jackson-When you have both ur queens in the bottom brood-chamer and allow them full range, how do w keep them apart? If your brood ames drop, can they get together? Mr. Ferris-My ten-frame hive has a lid partition that goes clear to the ettom, and they meet, so that when I at the one story on top of the other e division boards sit tight, and I lay ne queen cloth over the top.

Mr. Hatch-I think we are losing ree with tht of one point mentioned here, the fluence of drones in casting swarms. my observation a colony will never st a swarm unless there are some xtracted ones present. Another idea was, we They ould look for drone comb, as well as uire difen cups. I know one of the most cessful bee-keepers that uses small ly. Mos s, 12 inches square and 7 inches ase when p. He starts in the spring with one tion and then puts on another sec-. He is very careful to have nothink, i ng but worker comb in any of his 1 swarm ies. As the honey season advances oney, an goes and pries the top hive off and By canno says, "There is some drone comb; he reaso are preparing for swarming." He ch. pes that off and puts an empty uestion ion between them, and they are upers, 1 d for ten days; that colony won't rm. He didn't look for queen-cells. u can p a out wit warming is an indication of vigor, outside (ngth and power. The point is not top that, but to turn it in the right the middl ction. Just merely controlling inoutsi se is not what we are after. We the cent t to control it in such a way that per will shall not lose our honey crop, or over. hish it. I have tried a good many method. and I have never yet found one ry way that was controlling the ill work se, but what was at the expense e honey. I have tried the plan of poor II. the queen on two frames and

ill sulk, and wear herself to death

and when you release her again it will only be a few days before she will be superseded. I have tried shaking the bees off onto comb, and onto full foundation, but with the same result. I would rather pay a man \$5 a day to sit in my apiary and watch for swarms and hive them, than to try any plan of controlling increase that I have discovered yet.

Mr. Holterman-I very emphatically oppose any method which forces the bees not to swarm. As Mr. Hatch has said, direct their energies in direction of producing honey.

Mr. Hatch-Do you think it is possible for a colony to swarm without any drones being present in the hive? Mr. Bratz-I have had them swarm

without. Mr. Holtermann-1 don't think that any man is in a position to say that there is actually not a drone present in the hive.

Mr. Hershiser-I have had bees swarm quite frequently without drones when I had set them out in the spring.

Mr. Aspinwall-I received a challenge from Mr. Taylor just now, that we had not heard from the comb honey man. But as I am set down for a talk on the non-swarming hive I thought it best not to say anything. I am working on a different line. I agree with Mr. Holtermann in respect to the queen cells, rudimentary ones that are new in the spring-the old ones are cut down. In the matter of drones I have tried with artificial comb, and that factor is one that produces swarms, but there are a great many factors that enter into and constitute the swarming impulse. If we remove one of them, that is a help; but in an apiary of a number of colonies drones will intermingle quite frequently and for that reason drone comb is a troublesome ex-

When you come to size it up there has been quite a conglomeration here,