believe the leaves are all right. I have wintered more in the cellar than outside and I prefer cellar wintering. I would like to ask Mr. McKnight if he ever tried the system of blocking the hives up?

Mr. McKnight : No, I never did.

Mr. Sibbald: I have tried both and I am in a position to know, and I know from actual experience the air does pass in the ba.k, up through the cluster and out the front, because at the front of the entrance you will often see drops of moisture and at the back you will find it quite dry, and I thought from that that the air was surely passing from the back up brough the cluster and out. Whether he air would be heavier after passing hrough the cluster or not, I do not mow, but I always thought when the oxygen was taken out of air it was heavier and passed down. I may be brough the cluster or not, I do not rong. At all events, the fresh air oming in the back would force the ul air out the front entrance.

Mr. Gammell: It carried the moistre down to the entrance?

Mr. Sibbald : Yes.

Mr. Smith: I think if Mr. Sibbald's mperature was high enough in his dar he would see no drops of water, Mr. Hall: It makes no difference out the scientific question as to ygen or nitrogen. I raise mine in mt because it is more convenient. traise them from one and a half to binches. The reason we do it is combs come out sweet and clean the spring instead of being mouldy; do not give a rap whether the isture goes in or comes out.

r. Smith: I think if Mr. Hall ld loosen the quilt a little at the it would answer just as well.

r. Hall: I couldn't do it, sir. You d'nt loosen my quilt. We look a tahead. We don't meddle with stocks of bees when we put them until it is warm enough for them to fly. If we want to look at them we look at the bottom, not at the top. I don't care anything about where the oxygen goes out or the nitrogen comes in, I know it keeps the combs from moulding. I have a board cover; as the bees leave it, we prefer it that way.

Mr. Smith: If Mr. Hall would loosen the cover the least bit, with temperature right, the bees would all leave the bottom board, anyway, that is a little on the slope.

Mr. Hall: My bees are hanging down below the bottom. The temperature in my place is 50 and as quiet as it is in this room. The temperature doesn't make so much difference if the atmosphere is pure. We have a door and window with a dark screen in it and if you put your hand to the chimney you will find a tremendous draught of air ; it is pure ; If the temperature goes up to don't degrees they mind 50 it: if you keep them down to 44 they want to get out, they want to fly.

Mr. McKnight: I once saw a bee hive in the garden of the State of New York and it had no bottom and the combs were hanging down below the edge of the hive proper.

Mr. Hall: I will tell you a story about that. I went to a friend of my wife's-I didn't know the old gentleman till I got there-he was seventyeight years of age; he had a row of bees, there might have been twenty or thirty. The fence formed the back of the shed and then there was a roof to it and he had the hives two deep on it; he had four poles running from end to end of this shed, and his box hives were set on these poles and the combs were hanging down fourteen, sixteen and seventeen His reason was on account inches. of the moth and in that way the moths did not destroy his bees.

Mr. Armstrong: I was going to ask

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