

the stock deteriorates through rearing inferior queens and is finally exterminated. The above is simply a thought which may be taken for what it is worth.

Notes and Pickings.

—D. W. HEISE.

"I have used many thousand sections containing full, and partly drawn comb, but I have entirely discontinued their use even for bait sections, for the reason that in this locality at least, first-class comb honey cannot be produced in sections containing comb drawn out the previous season."—C. Davenport in A. B. J.

G. M. Doolittle says in A. B. J. 306, that the changing of hives for the purpose of strengthening a weak colony should always be done at that time of day when the greatest number of young bees are in the air, as 10 young bees just entering in on their life work, are worth 30 or 40 old ones that are just at its close, and the old ones we would get in a ny event.

The teaching, that bees will not become field workers until 16 days old and over, may be all right where a colony is in a normal condition, but just bring about the abnormal condition, by removing all the field force when the hive is full of hatching brood, during a good honey flow, and I miss my guess if you don't have quite a large field force of young bees in 4 or 5 days. I have repeatedly noticed this with my system of management for the prevention of after swarms.

"The only practical way to improve the working or honey-gathering qualities of our bees, is to breed from colonies that will store the most honey. If this is followed out we need not go to the bother of measuring their tongues."—C. A. Bunch in A. B. J.

"Separators or no separators, fence or no fence, plain sections or sections with beeways—well it sets my head in a twirl. The finest comb honey put on this market is produced by a bee keeper that never uses separators or fences, but uses plain sections set a bee space apart in the super. Bees go all around the sections except where they rest on the bottom of the super."—C. A. Bunch in A. B. J. In the July number of the American Bee Keeper,

Editor Hill requests this picker to launch my idea in regard to a better filled section which I mentioned in a former note. You get the whole of my idea Bro. Hill in the above paragraph copied from Mr. Bunch's article; that is, full and free communication all around the section. And as to super construction to thus hold the sections in proper place, I think I am sufficient of a mechanic to know it is practical although I have not tested it.

Editor Hutchinson in his journal, very vigorously defends the system of contraction so extensively practiced throughout the State of Michigan in years gone by, but which Editor Root says has largely been abandoned, and calls it a fact. I fully expect to see the announcement of a challenge for a journalistic duel between the two Ed's.

During a heavy flow of honey, like the clover flow just closed in this locality, it is impossible to manage colonies with a single extracting super, and produce a well ripened article, without the loss of several dollars per hive, through insufficient storing capacity. In such cases I would like 2, and sometimes 3 supers, but am sorry to say I have not the second for all and third for none. How some beekeepers can extract from the brood chamber without at least a loss of 50 per cent unless they take the honey green "is beyond me."

I think swarming has ceased for this season in this locality, and as near as I can learn in most apiaries the increase has been fully 100 per cent. The increase in my own was 50 per cent including 3 Seconds, and 1 Virgin (so called) through lack of attention.

This picker has had for his vacation since the middle of May, solid work of 15, 16 and 17 hours per day. Perhaps it would not be necessary to say that my clothes do not fit nearly so tight as they did in the winter, 25 pounds less avoirdupois, that's all.

Never in my short bee-keeping experience did the bees store so much honey in a given time under the most unfavorable conditions as this season. High winds prevailed fully 3 days out of every 5 throughout the entire clover harvest, together with cloudy days and cold nights. And how the little workers succeeded in rolling up such a magnificent surplus is a surprise to me. For instance, a swarm hived on the 2nd of June, had by the 5th of July, filled a 10 frame Quinby hive, and