

## The Apiary.

### BUZZINGS.

BY MRS. CHAS. LEE.

When the nights are so warm one can't sleep, the bees seems to get in their best work.

It pays to keep an extractor and use it, if you have but two or three colonies of bees.

A robber bee is easily recognized by its quick motions and sneaking ways. The late cool weather started robbing to some extent.

Do not handle bees too early in the morning, or too late in the evening. Select the warmest part of the day, usually between 10 a. m. and 3 p. m., is best.

Italian queens and drones vary much in color. They may be all the way from nearly black to a light yellow. But the workers must have three yellow bands.

It is best, both on grounds of economy and time, and keeping the bees amiable, to handle them as little as may be. In all work with bees, the motions should be slow and gentle. Quiet, gentle movements make gentle bees.

F. L. Thompson is right in thinking you can't drain the liquid part from all kinds of granulated honey. It's only that with coarse grain, and T. F. Bingham thinks it can be done in no case with properly ripened honey.—Gleanings, 446. Our granulated honey has no liquid part.

L. A. Aspinwall in Review sums up the prime causes of swarming as follows: Bees: and some eight or nine factors. Temperature, ventilation, drones, pollen, honey, the influence of a honey yield extending into a failure of honey sources, the swarming impulse, the inherent tendency and lastly, that under the circumstances of supersedure. With a crowded condition, one or more of these factors influence the issue of swarms proportionally as they are present.

### WATERING THE BEES.

A long flight for water is very destructive to bee-life, both in regard to flying too far in cold weather, and in bad drinking places; and sometimes the nuisance caused by the drinking around dwellings or at watering places for stock. I think by having it handy, less bees can supply a colony, and leave more bees to gather honey. That is the

way I believe the bee, like a person, likes to have everything convenient to the house—at least it looks so, from the way the bees take up the water.

I supply it to them not more than five feet from the front of the hives. I keep my bees in a long shed, in a single row, and do all the work with them from the rear, having lots of room for all my empty hives and supers, which are already at hand and ready. In one corner on a shelf I set a large keg, with a small faucet in it, which you can set to a steady drip, or just enough for the bees without any waste. I connect this arrangement with a trough which is five feet from the front of hive. This trough arrangement is the same as was described on page 204 of the Bee Journal, only I have already used 2x4 scantling with inch holes bored 1/2 inch deep, 5 inches apart, each hole connected by cutting a small groove so that when one hole fills up it runs over and fills the next, and so on; and by filling the last half of the holes with salt, the bees have fresh and salt water both. I notice the bees are always thickest around the salt water half of the trough. Salt water is another thing which I believe is indispensable in the apairy.—P. Ruddiman, Columbia Co., Or., in A. B. J.

### SOME HINTS FOR BEGINNERS.

1. To handle frames and hives of bees as though they were eggs.
2. Not every bee that flies in your face will sting you.
3. Never think of defeat. When starting in bee-keeping, remember the most trying time is at first; and when handling frames of bees, never back out or flinch if they do act a little cross. Always accomplish what you commence.
4. Never get mad when working with bees, even if they do sting you.
5. When you are handling bees, never let a bee sting unnerve you; but work just as carefully as though nothing had happened.
6. Do some reasoning of your own; and don't follow others simply because they do it. What suits some one else may not suit you.

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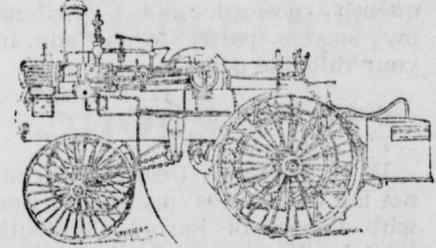
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