

leaving the standing trees somewhat scattered. Mints, boneset, golden-rod, asters and various fall flowers grow in profusion. After examining we declared it a grand location, the late heavy rains having brought the flora to perfection. Our decision was to locate the bees to the south-east of the range, at a point on the outskirts where a farmer had made a small clearing and built on high ground. We started for this point with the intention of renting the privilege for a few weeks, but on the way noticed a bee-hunter, after, as he called them, wild bees. On a contiguous stump were his box and comb and bees were working all around. Said he: "I have several lines," pointing to the south-west. "These are Mr. So and-so's bees. He has sixty or eighty colonies about a mile and a-half over there, but just see those going to the south-east. For the last two or three days I have watched them, and although they have not over a quarter of a mile of woods to go through, I cannot find them. I have looked in every tree on the line and cannot see them. I have several other lines, but must find these first." We saw them coming and going in the direction noted, and some in others, but as they came to and from the south-east so rapidly, we concluded they should be found without trouble. In answer to an enquiry he was certain there were no "tame" bees in that direction within two miles or more. We colored bees whilst they were "loading up" and timed them and found that they went and returned in just seven minutes, proving that they had no more than half or three-quarters of a mile to travel. He had tried to "cross line" them but failed because of leaving a comb whence he had lined them before; had he taken this with him he could have located them quite readily. The bees headed directly for the point where we had decided to locate our colonies, and as we jogged along the road, a large number of bees sucking water at the side of a pond hole attracted our attention. There were ten times as many as should come from a tree or from one or two hives, and we remarked that some one had forestalled us by locating bees with the very farmer we were going to see. Lining the bees from the mud a little to the north of the farm house we found there fifty to

seventy-five colonies in a field behind the buildings. Considering that this apiarist had the "priority of location" we gave up all idea of placing ours near there. The owner said there was no honey in his locality, but here the bees were doing well and the experiment was eminently satisfactory. On our way home we told the bee-hunter we had found the bees, that there were more of them than he expected, and that if he would line them from the mud he would find their home.

In very dry weather it is sometimes easy to find bees by their sucking on mud, as we believe they generally go to the nearest water, and occasionally when it is scarce they even go to houses; we have lined them from both places. Bee hunting is useless during a good honey flow, as they will not work on honey whilst the flowers are secreting nectar.

LOOK TO YOUR QUEENS.

Now, whilst honey is coming in, is a good time to supersede old, poor queens with vigorous ones. All queening and manipulation for this season should be attended to without delay, as after the honey flow is over it is difficult to introduce a queen. All our colonies have young queens except a few hives which have two and three year-olds that we retain for breeding purposes on account of their superiority.

Fastening Foundation in Sections.

BY way of a further explanation of his experiments in the matter of fastening foundation in sections with groove around the four inner surfaces, Mr. T. Bonner-Chambers, F. L. S., says in the *British Bee Journal*:

In looking over the CANADIAN BEE JOURNAL, vol iv., No 15, I find they have copied from the B. B. J. the following remarks of mine, viz.: "I have seen a remark somewhere that foundation is apt to fall down when placed in a section with a groove on all the four inner faces, unless it is fastened at the top. . . . I have, during the past month, given this matter a very careful test, and find the groove on all the four inner faces is all sufficient."

I wish to point out that the above is based upon very careful experiments side by side with foundation fixed in various ways, several sorts of foundation being used. The experiments were directed particularly to find out where