

himself the manufacturer and a believer in it. He like myself was interested in the matter and wished that an impartial test might be made asking me to conduct it. The foundation furnished by him was very fine indeed. I considered it as being about the best I had ever seen, well made, good coloured and ran about twenty sheets to the pound. I examined the super two days after and found that the bees had taken well to the "new process" drawing it out nicely, while they had scarcely touched the old. I was somewhat surprised at this, as it was not altogether what I expected to find. On the day following, the 27th, I again examined them, the bees had continued to draw the new process ahead of the old. Two days afterwards I removed the super and had the accompanying cuts taken of it, they will explain themselves.

Fig. 1 shows the super as placed on the hive and the relative positions of the foundations.

Fig. 2. shows the sections as left by the bees when I removed them on June 27th. You will note that the cut shows the sections occupying the same positions to one another as in the super.

To carry my experiment still further and lest there should be anything in the surrounding conditions to make the difference, I replaced the super by another filled with sections and full sheets of both kinds of foundation as before, only using a heavier grade of the "new process," about twenty-six sheets to the pound. This super I left on the hive until the honey flow ceased.

Fig. 3 and 4 show results. In this case I did not think it necessary to show super in full so I have given cut of both sides of twelve sections as left by the bees, four from each side and four from the centre of super. You will notice that in each case the bees have taken to the new process in preference to the old and followed the same until completion. I intend taking the super and section with me to Toronto Exhibition, where any of the friends can see for themselves. Will reserve them also for our Winter Convention at Brantford to give our worthy "Senators" an opportunity of examining and discussing the value of the experiment.

Cainsville Ont. JAMES H. SHAVER.

Petrolia, August 9th, 1899.

I am well pleased with the queens sent.

E. JULIAN.

Preparing and Moving Bees on a Wagon.

—B. J. SLEASE, American Bee Journal.

The best time is immediately before the working or breeding season, in the latter part of the winter or early spring. Leave the hives just as the bees sealed them down for winter. A strip of stiff spring burlap (the opener the better) two inches wider and two inches longer than the hive entrance, doubled in at the ends and pushed into it with a thin knife-blade, placed on the centre line, so that it goes in double, with a small wire nail in each end, is all the closing they need for either a long or short haul on smooth roads. On rough roads a good cord or wire tied tightly around each hive will answer, and on very rough roads a cleat should be nailed on each corner of the hive, long enough to nail to both cover and bottom, where bottoms are loose. To prepare the wagon, take the bed off and couple it 12 feet long for plank 16 feet long, or 16 feet long for plank 20 feet. Floor the wagon with 2-inch plank if the road is reasonably good; if rough lay a 2x4 crosswise on each end of plank floor—one behind the front wheels and another in front of the hind wheels; floor on top with inch boards, and pinspike or bolt the four corners, and you have a platform that you can haul the bees over any road in perfect safety, if you have a good team, and the driver is neither scary nor balky. Choose a good, moonlight night. Close the hives as early as possible, put on as many as you can, and drive through as soon as your team can walk it. Put off the hives and open them at once. Put a board or some obstruction in front of each hive to compel, or rather, induce the bees to locate, and repeat each evening until the bees are moved. I have hauled bees on this plan two hives deep, more than 100 miles. I was on the road four or five days, and passed several miles in which the wheels constantly hopped from one rock to another without touching ground. If the hives are bad, cover down as soon as loaded with a wagon sheet, tarpaulin, or old bed-quilts, to keep as dark as possible.