

agreeable odor. Beeswax is an animal secretion, might even be compared to animal fat, and will unite with lye in making soap, the same as will grease. Paraffin is of mineral origin, and when added to the lye will not unite with it, but remain on the top and cool in a nice hard cake." It would be well for every bee-keeper to have these tests pasted in their hats, as it is needless to say, the same tests could be applied to suspected foundation. By the way, Prof. Wiley, of "manufactured comb honey" fame, has again come under the ban for stating in Rural New Yorker that manufacturers of comb foundation in America are using paraffin to adulterate their product. Granted that the Professor may have found adulteration in some samples, too bad that he should throw out such a wholesale statement, which is bound to produce prejudice in the minds of consumers of honey.

Swarming Likened to Broodiness in Fowls.

L. M. Gulden, of Minnesota, in an interesting article in the "Review" on "Swarming and Kindred Topics," has the following to say on above caption: "Let us not despair of ultimately perfecting a strain of bees that will be practically non-swarmer. That end will certainly be accomplished some day by diligent and persistent effort at selection in breeding. We know that the primary instinct of broodiness in fowls has been practically eradicated, and we know that the swarming instinct can be eradicated. Although one is a fowl and the other an insect, their mode of reproduction is the same, and broodiness in the one is identical with swarming in the other." Perhaps with Mr. Gulden, as with many others of us, "the wish is father to the thought," yet I have looked upon the question as one not beyond the realms of possibility.

York County, Ontario.

Communications

A Northern Michigan Experience.

The Editor Canadian Bee Journal :

Dear Sir,—A correspondent in Northern Michigan writes for a sample copy of The Canadian Bee Journal, as he thinks it would apply to his section of the country. He then goes on to make some remarks which may interest your readers.

"I am using the Dadant hive (a very large hive, by the way) and it comes very near a non-swarmer with me. My bees do not swarm, but 10 per cent. The best bees I have are Cypro-Carniolans, either queen or drone. There does not seem to be any difference except that the Carniolan queen-crosses are the gentler bees to handle. My hives are too large for the Italians, I think, and the Italians crossed with Cyprians are too cross. The Cyprians are the best honey gatherers I have ever owned. They would average 50 pounds more honey per colony than Italians, but my! what stingers! always ready for you. I could not handle frames excepting in the honey flow without having my hand in a cloud of smoke."

He does not find Carniolans swarm any more than Italians.

Speaking of the honey-producing flora of Antrim County, Michigan, the correspondent says :

"This year the honey flow started a precedent. I think it began with squirrel corn, and adder-tongue with willow, and colonies strong enough got quite a lot for about 10 days. I did not note the date, but there was plenty of snow on low land in the woods, while on warm soil it was nearly all gone. It turned cold and I did not get much honey till June 15th. Then alsike, red raspberry, basswood, thistle, milkweed till August 1st. Gener-