

## MANAGEMENT

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enough for me, especially as I had muddled several colonies with experimental work that led nowhere, and I followed the same plan this year. The result is sixty-two colonies increased to ninety-eight, several of them too weak to stand much chance for winter. And the surplus honey? Well, there practically isn't any, though a few colonies that built up too slowly to increase by the Alexander plan made a fair showing. The chief cause of the trouble was the total failure of the fall flow, a thing I have never known happen before. The light July flow came as usual, but as I was then making increase the bees were not in shape to catch it. Nevertheless, I believe in nine years out of ten the Alexander plan will show good results in this locality, although undoubtedly a larger surplus could be obtained if we could keep the colonies undivided and still avoid swarming. Large hives might do it, but very large hives are awkward to put down the cellar. Between the eight and ten frame Langstroth there is hardly any difference as far as swarming is concerned.

A plan I have once or twice tried with success for extracted honey is to let a colony swarm, hiving it on full sheets of foundation on the old stand and standing the parent hive beside it. After four or five days, I shook all the bees from the parent hive in front of the new one, cut out all queen cells and placed it on top with an excluder between. If there is a fair flow on at the time the swarm issues, a shallow extracting super should be placed over an excluder directly above the swarm is hived. If filled with drawn comb, this will be about full

of honey by the time the parent hive is returned. I think it quite likely that such a colony would sometimes swarm again, but I have not yet had one do so. I believe if I had followed this plan this year, I should have had a fair amount of surplus.—WM. L. COUPER, Cannington Manor, Sask.

#### THE YOUTH'S COMPANION CALENDAR FOR 1908.

The publishers of The Youth's Companion will, as always at this season, present to every subscriber whose subscription (\$1.75) is paid for 1908 a beautiful Calendar for the new year. Four paintings by artists of distinction are reproduced in the four panels of the Calendar by a process of color-printing which has been recently brought to remarkable excellence. The first of the panels is an inspiring sea scene, full of the beauty of the wide ocean and sky, and the joyous rush of the homeward-bound ship. The second is a fine cattle piece. The third pictures an old mill at Zaandam—typically Dutch in treatment. The fourth panel depicts a "Girl with Roses"—a charming face, exquisite in color and expression. All the pictures are worthy of preservation long after 1908 has passed into the good old times.

**HONEY VINEGAR.**—Honey vinegar can be made by using 1½ lbs. of honey to 1 gallon of clear, soft water. Store in a barrel or other vessel. It should be kept in a warm place, with an opening in the vessel to allow the air to circulate freely, thus causing it to come to perfection more quickly. At the end of the year it will be ready for use. Its keeping qualities are excellent, and the best of pickles can be made with it. There is, perhaps, nothing superior for using with vegetable and meat salads.