

ing swarming by the adoption of a similar method, viz: giving an abundance of room before preparations began. I use a hive having a loose bottom board, which can be "tiered up" to any height, whether running for comb or extracted honey. I tiered up to three hives high, placing a queen-excluder between the brood chamber and the second story. When the second story was partially full, I raised it up and placed a hive having the full number (10) of empty combs under it next to the brood chamber, and when the third, (the former second) story was completely filled it was taken off and another hive of empty combs placed next above the brood chamber, as before. By this method of procedure I was entirely successful in my endeavor to prevent swarming last year, and I shall make use of the same means again this season.

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HOSHAL'S Heddon Hive may be more valuable than the Heddon Hive as made and sold by Mr. Jones; however, not having seen the Hoshal-Heddon, I am unprepared to discuss it, but I will say that I used the Jones-Heddon during three seasons, then discarded it, and this spring I used it for kindling wood with which I start my furnace fire. "Furthermore than this, deponent sayeth not."

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The innate modesty of our genial editor is only exceeded by his agreeable personality. I judge so from having carefully scanned the features of that "chip of the old block," as exhibited in that very pleasing picture (page 253, of C. B. J.) of Handsome Harry Holtermann and his mamma. The group on the previous page is equally as attractive, and I doubt not that the entire subscription list of the C. B. J. would be as delighted as the writer to see the entire Holtermann family photograph (including the one who considers himself as "not being very good looking.") occupying one whole page of the JOURNAL. I would also suggest that photos of the gentlemen comprising the firm, together with those of a few of their principal employees occupy the adjoining page. Periodicals of all sorts are more attractive when fully illustrated, and an old *typo* told me that pictures cost less than print.

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I am pleased to know that a bill has been brought into the Dominion Parliament with the view of prohibiting the imitation and adulteration of honey. Should that bill become law, would it not be well to have Messrs. Pettit, Darling and Frith request the Customs department to amend that

clause of the tariff which imposes a duty of three cents per pound on all importations of "honey in the comb, or otherwise, and imitations or adulterations thereof," by prohibiting the importation of all imitations and adulterations of honey in the comb or otherwise. Furthermore, would it not be well were my suggestion acted upon at once.

International Bridge, Ont., June 4, 1891.

## FIRST STEPS IN.... ....BEE-KEEPING.

KEEPING EVERLASTINGLY AT IT  
BRINGS SUCCESS.

QUESTIONS SENT IN BEARING UPON FIRST STEPS  
IN BEE-KEEPING WILL BE ANSWERED IN THIS  
DEPARTMENT BY THE EDITOR.

In many localities during the month of August and for the remainder of the season, bees gather no surplus, in many cases they do not even gather sufficient honey for their immediate requirements. During this time colonies should be examined as little as possible, such examination induces robbing, which often leaves the bees badly tempered for days.

Examination should of course be made to see that every colony has a laying queen and if she has not, one should be given at once.

A proper bee tent to keep away robber bees is very desirable. Yet economy in equipment is desirable, and those having only a few colonies of bees can by proper management largely do away with the necessity of a bee tent.

Examine your bees towards evening, expose no more comb than necessary, have a box or hive alongside in which to place combs which cannot be left in the hive you are examining, and keep this box covered with a cloth. Examine only one colony during an evening and no trouble is liable to occur.

If you have no fall flow in your vicinity and you find a hive with but few bees, no brood and no queen I would advise destroying the bees. The chances of wintering such a colony are not great and you are likely to be out the price of the queen and the honey they consume before death. Comb honey should be removed to avoid soiled sections. It is well to keep in the upper storey some combs of sealed honey