

n and out. It would be better to shave off the heads of the black drones or use worker comb instead of drone comb.

#### DOUBLING UP COLONIES.

HENRY BROWN.—I thank you for the BEE JOURNAL, which has just come to hand. It is worth to a beginner five times what it costs; and I shall hail its weekly arrival with pleasure, (and I think with profit). The article of Samuel Cushman has more *real information* than I have seen in a bee-paper for many a day, and then the report of G. Guyer, (if he had only told us how he doubled up, and how he wintered, but perhaps that favour is in store for us); but there is one thing I want to know, the best way to double up when light swarms are at a distance from each other in the apiary. Many of my swarms were light last fall when I put them in cellar, and now I want to know, through JOURNAL, the best way to double up in spring, or would it be better to feed them up and so save the queens?

Frontier, Que.

It depends on their strength, whether they had better be doubled up or fed up. If they are small and you contract the hive to size of colony, and make them very warm, they will come through in nice condition.

#### QUEENS AND SWARMS.

D. STEWART.—I again renew my subscription to the CANADIAN BEE JOURNAL. It is second to none of the bee-papers, and deserves a large circulation. I wish to ask some questions: (1). Where is the queen usually found when a swarm is clustered, inside or outside of the cluster? (2). If I find the queen on a cluster and remove her, placing another in her place, will the bees always accept her? If I have a very large swarm, and divide them, hiving each half in separate boxes, will the half swarm that has no queen accept one at once? Do Carniolans defend their hives well against robbers and moths?

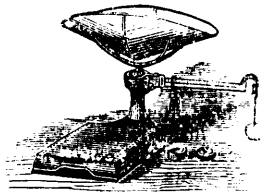
Chiselhurst, Ont.

Sometimes inside and sometimes outside. When inside she cannot be seen until the bees are shaken down. (2). That depends on circumstances. If it is a second swarm it is better to shake the bees down, letting them run into the hive and catch all the queens, as sometimes first swarms have more than one queen, which occurs by the old queens being superseded, and when the young queens hatch, the swarm issues; but if the old queen can be caught in perience. (3). The half-swarm referred to above may not accept a queen so

the cluster, and the one you wish to introduce in her place allowed to remain there until she receives the same scent, then shake them down in front of the hive, hiving them in the usual way, there is little or no danger of her being destroyed, at least this has been our experience after being hived, but if you put the queen with them when they are running in they will be more likely to accept her. (4). They do.

#### SCALES FOR BEE MEN.

WE have arranged with the manufacturers so that we can offer the Union or Family Scale, as seen in the cut below, at a considerable reduction in the price. The great objection to these scales heretofore has been the price, and the sale should now be increased; they are every bit as good for general use as the scale of the same style costing \$10.40, and just as accurate.



We quote the prices for these in our new circular, but repeat them here:

With tin scoop, \$6.60; with brass scoop, \$7.60; double-beam, \$7.60; double-beam and brass scoop, \$8.60. Stamping each, extra, 50 cents; and the Government now requires that all scales made by the manufacturers must be stamped.

## THE CANADIAN BEE JOURNAL

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Our new circulars are now ready and hundreds are going out every day—every subscriber to the BEE JOURNAL will be sent one—perhaps before they read this item. Our prices are reduced very largely and larger orders have already commenced to come in. Our stock of bees is diminishing rapidly at our special prices—and we will soon have to return to prices quoted in circular.

#### CONVENTION NOTICES.

MICHIGAN STATE BEE-KEEPERS' ASSOCIATION.  
—The next annual convention of this association