1885

Roperly called tertile workers) also prowhen such a colony is discovwhen such a cool, best to rehove the queen and substitute a good when the colony may be built up in the colony may be the full strength. As it was too late in the full strength. As it was too late in the for this the the season with my colony for this the the were brushed from the combs, those containing honey were placed in caps of other hives, for the bees to When it is all the honey below. When it is all the noney perow. another season. A colony depopuby reason of the loss of the queen, of a drone layer, is generally invaded by toths; many charge them with the decinction of the colony, when the true

Cities is the destruction of the queen. It is the destruction of the apiary, is delightful working in the apiary, October during these warm, sunshiny October these warm, sunsminy breathing the fragrance of the hash falling leaves. A great deal been said pro and con, with reference bee culture as employment for women before me, from invalids. A letter before me, from weight successful bee-keeper, says: "I an invalid, and have been for the thirty years—ever since I was sixthirty years—ever since i was pro-byears old—but bee keeping has pro-hterest in living." Other letters on my desk in living." Other letters and in the more women widely separated, show this absorbing increasing interest in this absorbing tore up. Yesterday was rainy, and I cover the Indian Head" into sheets to cover the Indian Head into since the bees. I picked off all ravelings, and piled them smoothly on a board, then the piled them smoothly and free they can be handled nicely, and free hom wrinkles, when I use them. wrinkles, when I use the greatly to the pleasure of bee-keepto have everything ready for use before have everything item, the bees are disturbed. typius honey has all been removed, and take honey has all been removed all take a wide chisel and scrape off all propolis and comb from the top of the dee in and comb from the top of the hanes, then I am ready for Hill's device. This is Placed over the frames and the the sheet, forming a chamber for and permitting the bees to cluster in, and permitting one comb to then to cluster in, and permit to pass freely from one comb to another, even during a zero freeze. heren, even during a zero freeze.

of hones bees from starving with plenty
as it is well honey in their hives. as it is well they being unthe many of them do, they being unmany of them do, they pend to get to their stores without passto get to their stores without ricy combs. Corn-cobs or sticks it. when it is be used in lieu of it, when it is sheet be large be used in lieu of it, when be had. Let the sheet be large it is spread, the that when it is spread, the

cap or upper story shuts down upon it, thus preventing any possibility of a bee getting up. I have chaffcushions to put above the sheets of those hives wintered upon their summer stands, but if I was situated so I could procure it readily, I should prefer to have the chaff loose. Forest leaves or sawdust answer the purpose, where chaff is not to be had. I take a hot smoothing iron and run it around on the edges of the sheet to melt the propolis and stick it so fast that no bees can get out of any of the hives stored in the cellar, no upper storey being put on there. Little "comforts made of cotton and muslin are spread upon the sheets, and the hives are set one upon another, with sticks at each end, to insure ventilation, and keep from breaking down the devices. Bees that are to be stored in the cellar will remain upon their summer stands until the middle of December, with chaff cushions above the frames. It is well to have all the internal arrangements of the hives completed during pleasant days so that the bees will be able to arrange matters to suit themselves before weather.

MRS. L. HARRISON.

Peoria, Ill.

QUERIES AND REPLIES.

UNDER THIS HEAD will appear each week, Queries and Replies, the former may be propounded by any subscriber, and will be replied to by prominent bee-keepers, throughout Canada and the United States who can answer from experience, as well as by the Editor. This Department will be reserved for the more important questions, others will be answered in another place. We hope to make this one of the most interesting departments of the JOURNAL.

BEES PACKED IN CHAFF IN BEE-HOUSE.

QUERY No. 40.—Would bees winter safely in a bee-house so constructed that each colony would be enclosed with chaft or sawdust packing, the same as in a chaff hive, with arrangements to close the outside entrance tight on the approach of winter, and give them ventilation from underneath inside, where the cold winds cannot blow in upon the bees, even though the temperature inside the house might be nearly as low as that outside?

DR. C. C. MILLER, MARENGO, ILL.—I doubt it.

H. D. CUTTING, CLINTON, MICH.—Can see no reason why they should not.