

G. M. DOOLITTLE, BORODINO, N.Y.—I do not use the tiering up plan, believing that more honey can be secured in another way.

ALLEN PRINGLE, SELBY, ONT.—In getting section honey I do not follow the "tiering up" plan. Let those who do answer these questions.

DR. C. C. MILLER, MARENGO, ILL.—(1) To avoid having sections started that will not be sure to be filled. (2) Yes. (3) If followed all through the season, yes. (4) I think it might. (5) Both; the latter toward the close of the season.

H. D. CUTTING, CLINTON, MICH.—I have tried each plan but prefer to raise the part full case and put the empty one under. You will get the cases filled in less time and the honey will have a better appearance and less trouble to take from the hive.

S. CORNEIL, LINDSAY, ONT.—(1) Because the lower tier would be more likely to be finished. The upper tier would contain good starters for next season. (2) Yes in the lower tier. (3) Think not. (4) No. (5) The first plan till a little before the close of the honey flow, then the second plan.

S. T. PETTIT, BELMONT, ONT.—(1) Being near the brood with bees both above and below at work, the bees set to work much more readily than they would if they had to go away off from the brood and above work nearly finished. The natural order of things in a hive is to work from the top downward. (2) It would. (3) No. (4) Both would be better done. (5) I place the empty case next the brood.

DR. J. C. THOM, STREETSVILLE, ONT.—(1) I do not know any reasons why the empty crate should be placed over the full or nearly completed one, but think it would not be as good a way as placing it between brood and completed case. (2) It might if honey flow was not abundant. (3) I believe less would be obtained. (4) No. (5) Raise partly completed case up and set empty one between it and brood chamber.

BY THE EDITOR.—Well, both plans are right. It would depend on the season, the flow of honey, etc., and can only be done properly by the superior judgment of the operator. In the early part of the season when the flow of honey is good the empty case may be placed; under in the latter part of the season when the flow is slackening it may be placed on top to catch any surplus that the lower case will not hold.

If placed next to the brood towards the end of the season it might leave you too many unfinished sections. If placed on top early in the season the yield might be less but the manipulations should be governed by strength of colony, season and circumstances.

BOTANICAL.

DAYTON BALFOUR.—I see in Mrs. Phelps' Botany in regard to the plant *Rhododendron Arborea* that by slight shaking drops of honey will fall like rain. (1) Where is this plant? (2) Would it not pay for honey alone? (3) What plant is commonly called "Kill-calf"? It is said to produce poisonous honey.

Tyler, Texas, Apl. 5, 1886.

In answer to the above: 1st. *Rhododendron Arborea*, a member of the great heath family, is found near the Blue Mountains, Penn., along the banks of streams.

2nd. As Mrs. Phelps says it is remarkable for its great yield of honey, and, if it should prove hardy out of its native place, it would be a most valuable addition to our honey supply; and moreover be highly ornamental, from the great beauty of its large, rose-colored flowers.

3rd. Your "kill-calf" is doubtless the *Kalmia Latifolia*, a member of the same family as the above (Ericaceæ) commonly called Calico-bush, Mountain-laurel, &c. This is one of our most beautiful shrubs, bearing in great profusion, splendid corymbs of rich, variously tinted, rose-colored flowers. In other respects its reputation is very bad. Its leaves are narcotic and fatal to young bovines and some other animals, when eaten by them, besides which, its honey is very poisonous and said to produce death when eaten even in small quantities. It is very common from Maine to Ohio and Kentucky and in Pennsylvania and southward forms dense thickets *Kalmia angustifolia* (Sheep laurel, Lamb-kill) is also said to be poisonous to some animals especially to sheep.

C. MACPHERSON.

Prescott, April 19, 1886.

PRICE LISTS RECEIVED.

J. R. H. Myers, Stratford, Ont.—8 pages—Bees, Queens and supplies generally.

M. H. Hunt, Bell Branch, Mich.—8 pages—supplies generally.

H. H. Brown, Light Street, Columbia Co. Pa.—22 pages—catalogue of Italian and Cyprian Bees, Queens and supplies.

S. W. Morrison, M. D. Oxford, Chester Co. Pa.—note circular—Carniolan Queens.