

Title: Practical Bee-Keeping. Page 1/3

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Description: A paper entitled *Practical Bee-Keeping* written by D.A. Jones. Paper gives detailed instructions for creating the Jones Deep Frame Hive, as well as operating specifications. The paper touches briefly on some of the research Jones did on bee hives.

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PRACTICAL BEE-KEEPING.

BY D. A. JONES.

PAPER V.—CONTINUED.

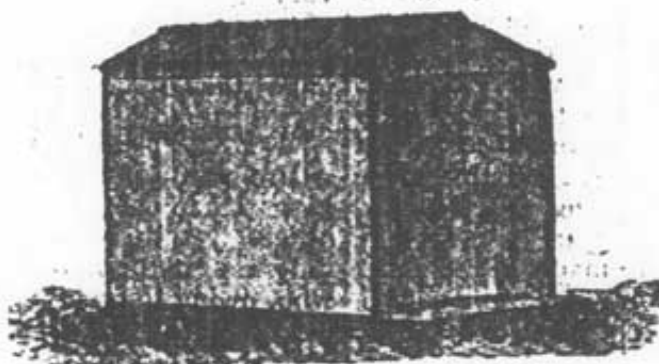
JONES DEEP FRAME HIVE.

THE next hive to which I will refer to is the one commonly known as the "Jones." It is probably the deepest frame hive in use, or ever put on the market, obtaining general popularity and large sale. It has perhaps as many good qualities as any of the other hives offered to the hive-purchasing public for ordinary purposes.

It is fully 25 years or more since I first saw and used the Langstroth hive, at that time we did not understand the art of wintering as well as we do now, and after thoroughly testing I decided that a deeper frame would be better,

BROOD CHAMBER.

There are nine pieces used in the construction of the brood-chamber of the hive, viz.:—two sides, seven-eighths of an inch thick, fifteen inches wide and nineteen and seven-eighths inches long; two ends seven-eighths of an inch thick, fourteen and three-quarter inches wide and thirteen and one-quarter inches long; one bottom board seven-eighths of an inch thick, thirteen and three-quarter inches wide and twenty-two inches long; one cleat for front of bottom board, seven-eighths of an inch square by thirteen and three-quarter inches long; one cover board flat three-quarter inches thick, fifteen inches wide



THE JONES SINGLE-WALLED HIVE.

and the outcome of my experiments was the "Jones" hive of the present day.

I believe I am safe in saying that no other hive has been in use as long, and been subjected to as few changes in construction, the only changes being in the style of top-bar of the frame, and in the cover—and these are at the option of the purchaser.

I shall at once proceed to a description of the hive and make-up. It is of much the same length and width as the Langstroth, differing only in depth. The inside dimensions are:—Length 18 inches, width 12½ inches, and depth 13 inches. The measurement of the frames, as now made, is 10½ wide and 12½ inches deep.

and twenty-one inches long; two cleats one inch thick, one and three-quarter inches wide and fifteen inches long.

The sides are rabbeted out seven-eighths of an inch wide by one-half an inch deep at both ends, while the top of each side has a rabbet seven-eighths of an inch deep by one-half an inch wide, in which is a similar saw-cut to those mentioned as being in the ends of the Langstroth hive, into which the piece of metal, five-eighths of an inch wide is placed, and upon which the frames are supported. The ends are plain pieces, out of one of which (called the front end) the entrance, three-eighths of an inch wide by eight inches long is cut. The rest of the brood-chamber is con-

fine saw-dust, chaff, or cork-dust packing. They are thus a safe hive for wintering, are cool in summer and warm in spring and fall. The temperature is always even and dry, the ventilation being perfect.

The cross section of the hive here shown will give a good idea of the mode of construction. It shows the frame hanging in the hive, the space occupied

the opposite direction, exclude rain, snow and sleet.

The corner-post is rather an ingenious constructed affair, cut out of solid wood,

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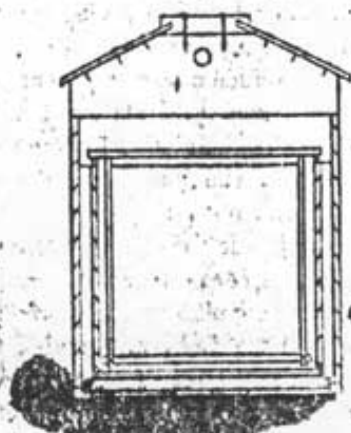


DOUBLE-WALLED POROUS HIVE, SHOWING PERFORATED METAL DIVISION BOARD.—WOODEN DIVISION BOARD OR DUMMY, BROOD FRAME, AND WIDE FRAME FILLED WITH SECTIONS.



CORNER POST (AND CROSS-SECTION) FOR DOUBLE-WALLED HIVE.

by the packing, and the method of ship lapping practised in the manufacture of



CROSS-SECTION OF D. W. HIVE.

the walls. The inner sides are beveled so that the moisture may escape with the packing; the outer walls, beveled

From the Bee-Keeper's Guide.
Winnowing the Chaff From the Wheat.

MUCH of the matter which appears in our literature to-day is put in to fill up the paper in which it is printed, and is tolerated by the editor from the fact that it is not always so that he can get the choicest news to literally fill all the columns of his paper. Then again, people do not read a paper alike, for what one man would not think was worth reading, another will read with keen relish, and call it good. However, notwithstanding this difference of opinion, and the chaff which must needs be put into our papers to fill up space, no one will probably deny that the literature of the day has much to do with our success as a people along the different lines of business, for the one who is the closest reader along the pursuit which he has adopted, is, as a rule, the most successful person in that business. In order that we may profit by what we read we must remember it at the time we wish to put it in