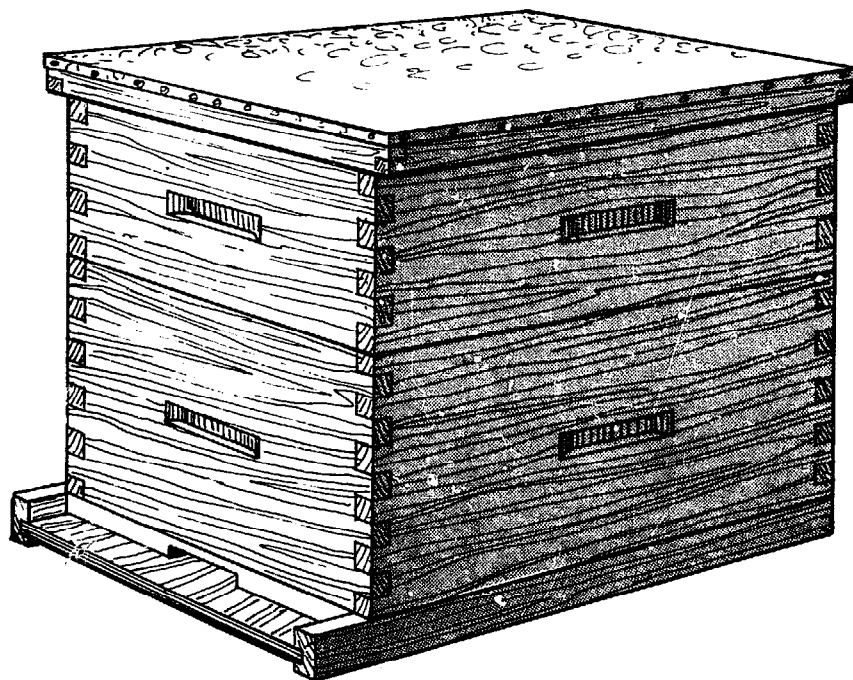


PLANS FOR A
COMPLETE BEEKEEPING
SYSTEM



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CHARLOTTE, VT. 05445

BEE SMOKER

Use any can with a tight fitting lid. (canisters from a hardware store make good smokers.) Solder a section of $\frac{3}{4}$ " tubing, $2\frac{1}{2}$ " long through the lid at a 45 degree angle, (not critical) and a section of tube about the same length through the can itself about $\frac{3}{4}$ " above the bottom with an inch projecting out of the can. Drill two $\frac{1}{4}$ " holes directly above for the $2\frac{1}{2}$ x $\frac{1}{4}$ " bolts as shown.

The front and back of the bellows can be any wood $\frac{3}{8}$ " thick by 5" x $7\frac{1}{2}$ ". Drill a $\frac{3}{8}$ " hole to line up with the tube and holes for $\frac{1}{4}$ " bolts as shown. Cut a section of bed spring and fasten to the same piece with staples. Bolt to can as shown.

Cut vinyl or leatherette $3\frac{1}{2}$ " wide and 26" long. Position the bellows front and back as shown in the cross section. (That is 1" apart at bottom and $3\frac{1}{2}$ " at top.) Cut this material to fit, overlapping about 1". Glue to blocks, trim with $\frac{1}{4}$ " wide metal strips nailed with $\frac{3}{4}$ " nails every inch.

The "Grate" can be made by punching a number of holes in disc of sheet steel cut to fit inside the can. Support with wire legs as shown.

If you choose not to make your own smoker, they are available in most bee supply catalogs quite inexpensively.

BEE GLOVES

Obtain a pair of comfortable heavy duty cotton gloves and stitch up two loose fitting "sleeves" which will extend about halfway up your forearms. These sleeves should be medium weight canvas, and have elastic sewn into the open end. In use, the "sleeves" should extend over whatever you're wearing (shirt or jacket) and the elastic should be tight enough to be "bee tight".

With confidence and experience, you should be able to go without gloves without being stung.

SMOKER.

