

THE CANADIAN BEE JOURNAL.

comes? We
gets started.
want to keep
ng as we can
don't need to
are there it is

of room and
are given for
we don't find
n at the outside
use Langstroth

say that I had
trying to break
order to keep it
find that taking
is one of the
fo. It will cause
een seems to be
ant to break up
ep the brood to-

If you want to
outside. If you
g in the centre
that the queen

Next to that
ir starters. I find
seem to want to
starters, but they

I to say what
I wanted to ask
nds from four to

g necessary?
nk with regard to
inches of packing
rovided it is good

aps some people
hes, and it would
g. Sawdust is not

We generally use
vings are good, but
sible to get them
Leaves I don't
out. With regard
he plan that I have
e found most satis-
ays; that is, to re-
om the brood ne-

when you find the colony is preparing
to swarm. I don't think it is neces-
sary to take medicine until you are
sick, and we don't care to draw from
the colony until we find they are pre-
paring to swarm. Give them lots of
super room and keep them cool. If
you can't do any better, keep the cov-
ers up and give them ventilation that
way. When you find they have begun
to build queen cells, that is the time
to treat them by removing some of the
brood.

I prefer removing the brood in the
larval stages. It is not the brood that
is in the larval stage that is going to
eat the honey. If you have them, put
the drawn comb in the brood chamber,
put full sheets of foundation work very
satisfactorily. I think it is better to
put them in between the combs. Put
them towards the centre. In putting in
empty combs, put them in the centre.
There isn't the brood at the outside,
because if you place the brood on the
inside the queen is more likely to lay
them, and the bees are less likely to
take honey in the centre of the hives
than at the outsides.

Member—How does Mr. Holtermann
utilize his supers?

Mr. Holtermann—In the back of the
hive I have had up to this year a
piece of tin on the rear side, just to
slide it backward and forward. It is
very important to have ventilators in
the supers in order to prevent swarm-
ing. I will tell you the way I think
the stocks operate. We know that as
the bees come up to full strength in the
brood chamber it isn't a time to put
in your supers. Now instead of giving
the brood to the weak stock, I would
give it to the next strongest, and
that way equalize without any loss

of honey-gathering bees, because in a
8-frame or 10-frame hive there is a
strong honey-gathering force, and when you
fill them you have lost nothing
of your honey-gathering force, and go

on in that way until you have got them
all filled up. That is the way I get
my increase. I try to have laying
queens ready. I leave a nucleus and
leave enough young bees, and the
young bees will adhere to these, and I
would build up full stocks again. I
try to build up in that way, and keep
all my honey force ready for honey-
gathering, and in this way I think
we get good results.

Mr. Byer—What I had to say was
much along the line of Mr. Holter-
mann's remarks. In Mr. Nolan's pa-
per it was mentioned about equaliz-
ing stocks on the second visit. In my
experience I find that a dangerous
practice. I find it far better to leave
the colonies intact as much as pos-
sible. If I have an extremely strong
colony it is an excellent thing, but it
is a lot of work. I have been in the
habit of adding an extra story, but if
I used a single hive I would put it
underneath, and I would allow the
queen the full run of those combs, and
I build up my colonies at the begin-
ning of the flow, so that we have our
honey bees ready when the flow comes
on. If the weather turns cold you will
have some chilled brood.

Mr. Holtermann—That is a strong
point. In building up your next strong-
est colony you run no danger.

Mr. Byers—Don't you find a danger
of having a strong colony swarm right
in the honey time?

Mr. Holtermann—Not if you take
them in time,

Mr. Hirschiser—Quite a number of
years ago—I think it was at a meeting
of the Canadian Bee-keepers, I advo-
cated something like Mr. Holtermann
says, but a good many of the old bee-
keepers thought that wasn't a good
plan. They thought it was better to
equalize by giving to the weaker col-
onies.

Mr. Holtermann—I don't claim these
are my own ideas. I pick up a thought
here and a thought there.