

who advocate Co-
the marketing of
to not suppose for
scheme will meet
nce. We do feel,
cessary to have be-
some definite plan.
it possible for bee-
? Should the rules
hibit private deal-
art of its members?
accept from mem-
rades of honey, or
what the members
a manager? Out of
r equally important
much discussion and
ble. A year or so
inted several papers
ling honey, one cor-
far as to state that
were so great as to
en to start an asso-
at the commence-
generally betokens
apathy. It would be
late if general con-
posed plan of Co-op-
d from either. Our
ll doubtless, consider
on their "thinking-
in their minds the
matter.
hy should bee-keep-
s but brief consider-
generally conceded
e parts there is an
hers there may be a
city. There is also,
ing tendency at the
art of great commer-
combined" capital to
f every description,
time is coming when
l to be made against
croachments of such
ion among producers
means of encounter-
co-operation of the
on page 381)

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CELLAR WINTERING.

A Valuable Report on Temperature Av- eraging 38 Degrees.

H. Harley Selwyn.

Dear Sir,—It has been my intention
for some time past to report to you on
the wintering of thirty-five colonies of
bees during the season of 1909-10 at a
temperature averaging 38 degrees Fahren-
heit, as it might possibly be of interest
to other bee-keepers who have only a
small number of hives and who do not
care to use artificial heat of any kind in
their cellars. For this reason I enclose
a record of the temperature in our cellar
from November 20th, 1909, to March
27th, 1910.

Following is a brief description of the
construction of the cellar to which I
refer. Twelve inch cement walls 12 x 16
feet, 6 ft. 6 in. high set well into a dry
sandy hillside and back being on a level
with the ground and front end sufficiently
high to permit of sloping steps and door-
way. The latter is built out in the form
of a porch with stone work and a second
door placed over it during the winter
months. The accompanying photograph
of cellar, house and grounds will no
doubt make it clearer. The house is
merely a frame one for summer use only.

The ventilation system consists of two
boxed vents running in from each side
through small underground windows and
one five inch pipe in the centre of the
ceiling extending about four feet into the
room above. This pipe carried off the
warm, moist air, the new supply coming
through the outside vents. The ceiling
of the cellar was two ply of rough and
dressed lumber with paper between, actu-
ally the floor of the room above, the un-
derside of the floor joists being sheeted
with paper to make a dead air space and
thus preventing the striking of the frost
in the room above through into the cel-
lar.

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