

s in Encine Canyon in
punity."

physicians will buy bee
quantities to be used as
led Apis Mellifica. The
tagen from live bees are
phials of sugar or milk,
the cure of Rheumatism;
ing poison and is given

thing in the bee world of
thinning of the bee tongue.
is about the twenty-fifth
g, and by keeping only
naturally long tongues,
have succeeded in length-
of colonies to the extent
redth of an inch; it does
but it enables a bee to
work in the same time."

the above notes serious-
ly to the conclusion that
are much cleverer than
riend Jones, of Beeton,
over a great part of the
ling a fortune, failed in
with a longer tongue, or
rior to our native black

A.C. in commencing the
study of the honey bee,
urther expense in experi-
stly bee houses or cellars
vide for and follow the
nd instincts of the honey

convention of bee-keepers
years ago, where I had
meeting the Rev. L. L.
several other American
ad the pleasure of listen-
ommon sense address on
ry of the honey bee and
ovable frame. My idea
s been for many years,
and more especially the
anada and America owe
tude to the names of
Quinby that they can

never pay in kind, therefore, why not
devise a scheme to be put in motion at
the convention held in Canada, in corres-
pondence with the bee men of the
United States of America and other parts
of the world, with the object in view of
raising a sufficient amount of money to
erect a monument to perpetuate their
names. I suppose the proper place would
be in New York City or State, as they
are both Americans.

We have nothing in history to prove
that the old-world before Christ knew
any more about the natural history of the
honey bee than did the new world up to
the middle of the eighteenth century,
when the researches of those two men
were given to the waiting world

The Israelites, in their long journey
through the wilderness, were buoyed up
with the promise that they would event-
ually inherit a land flowing with milk
and honey, which in their minds meant
a land of plenty; while Samson describes
the honey found in the anatomy of the
lion he had slain as "meat and sweet."
The riddle was solved by the Philistine,
after plowing with Samson's heifer; and
the whole world was enlightened, and
has reaped immense profit from the solv-
ing of the bee riddle by Langstroth and
Quinby.

FROM GERMAN JOURNALS.

Jacob Haberer.

Thick or Thin Syrup.

J. R. Crane reports in the Apicultural
Nouvel of an interesting experiment. He
weighed three groups of bees, each five
colonies. To group No. 1, he fed 34
kilogr. of sugar dissolved in 17 liter of
water. To group No. 2, 34 kilogr. dis-
solved in 34 liter of water; this was
given warm. Group No. 3, received the
same feed as No. 2, but it was fed cold.
After two weeks the colonies were
weighed. The increase of group No. 1

was 34 kilogr.; the increase of No. 2 was
29.5 kilogr.; of No. 3, 29 kilogr. The
difference in weight shows what amount
of feed the bees had to consume to evap-
orate the overplus of water; that is 4.5
kilogr., to evaporate the extra 17 liter of
water fed to group No. 2. The cold
feeding required still more, 5 kilogr. for
the evaporation.—Bienenzeitung.

In English Mechanics the interesting
fact is stated that a bee without a load
will fly 65 kilometers in an hour; about
as fast as an ordinary express. But with a
full load of pollen she can only make 20
kilometers per hour at the fastest. But
still this is a great accomplishment, com-
pared with only about 6 kilometers per
hour for a good walker.—B. Wegweiser.

Foul Brood Cure.

At the Bee-keepers' convention at
Nienburg (Oct., 1909) Ed. Knoke stated
how he cured 17 foul broody colonies in
1907, and that the disease never appeared
again. He disinfected the empty hive
with formaldehyde vapor (40%), shaken
the bees on foundation, divided the combs
to the other diseased colonies to save the
healthy brood. He treated a colony
every other day. By the time he came
to the last colonies (middle of June) he
used some of the brood comb of the first
treated colonies; in this way he says he
lost very few bees and by the end of
July, had not only 17, but 21 good
healthy colonies, and nothing of foul
brood has been noticed since. He claims
to have used **disinfected** combs with even
a few **scales** in, but only in surplus de-
partment, as it seems. He thinks very
much of the formaldehyde disinfection.
He used a certain inhaling apparatus. —
Bienenwirtschaftlicher Centralblatt.

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