

of this important habit. We pride ourselves on our ability to see things, yet any person who has investigated the subject knows how difficult it is to get two people to tell the same story concerning any observation; and this is not because their eyes do not see alike, but because they perceive only part of the event and let their imaginations fill up the gaps. In no place is this human fault more noticeable than in work on observation of habits, and as a result I feel free to say that this is one of the most difficult problems in the study of animals.

A second difficulty is that of giving reasons for the things observed. We are not satisfied with mere observations of actions unless we can see why they are performed, for otherwise the action is meaningless. Since the bee is constructed on a plan so totally different from ourselves, we often are unable to interpret the habits, and doubtless many important things are still unknown for this reason.

A third difficulty, and one to which too much attention cannot be called, is

the difficulty of distinguishing between verifiable and unverifiable truth. As an example, let us take the action of the worker bees toward the queen. The actual observation is this: The workers surround the queen on the comb and touch her with their antennae. Whenever she approaches a worker as she moves over the comb the worker turns toward her and at once begins touching her with its antennae. So much all observers see, but here they separate. One says the workers hold the queen in greatest respect, and that they care for her and caress her because they know that on her depends the life of the colony; another observer denies all ability of a worker bee to feel any affection or similar emotion. Now who is right? No one can tell, for at the present time this is unverifiable. The actual movements are verifiable by any observer, but when we try to enter the realm of unverifiable truth, where our imaginations are our only guides, and consequently our results are worse than worthless. This is the

rock on which shipwrecked. way to eradicate ments from the marvellous and very best written scarcely a bee not contain some. As another example, quote from one of the author of the unmentioned: "The antennae afford means of the bee says all relatives.

"Watch two frame; they insist they come from such an out

ITALIAN QUEEN BEES

Well Developed! Hardy! Prolific!

I have selected a yard of One Hundred of my choicest Italian Colonies, and intend to run this yard exclusively for Italian Queens during the present season.

This stock has been run for the production of section honey, and has given me splendid results for a number of years back.

The bees are pure Italian, having the distinctive characteristics of that race—good-sized, well-marked, and easily handled.

They winter well—clustering quietly on their combs in the cellar.

They build up quickly in the Spring—the queens are prolific, and the brood well looked after by the workers.

They are good honey-gatherers—having given me good crops even in poor seasons.

MR. WM. McEVROY, who has ordered a large number of these queens each year, for several years back, writes:—"I don't consider that your Queens have cost me a cent. They more than pay for themselves every time."

I am already booking orders from extensive bee-keepers who have tried the stock in former years and are well satisfied with it.



F. P. ADAMS,
Apiarist
P.O. Box 113
Brantford, Can.



F. P. ADAMS,
Apiarist
P.O. Box 113
Brantford, Can.

— PRICE LIST —

Untested, each \$1.00	Six, \$5.00	Twelve, \$ 9.00
Tested, each \$1.50	Six, \$8.00	Twelve, \$15.00

Safe Delivery Guaranteed

F. P. ADAMS

- BRANTFORD, ONTARIO

Don't give
Don't ruin your
"dope" and

Your lungs
readily as a
if you give them
What they
more pure air
destroy the m
the disease.

All competent
ognize that Co
and last requi
all diseases of

Our method
been successful
sands of cases
vigorates and
the lungs, and
stroys the ger
fected cells by
and allows Nat
LUNG BATH c
to every cell
creases your l
first day of its
cians endorse
only rational m
great White Pl

WILL

Describe
LUNG BATH