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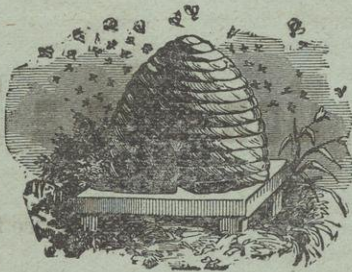
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NOV., 1887.

THE

# BEEHIVE



PUBLISHED MONTHLY.

— EDITED BY —

E. H. COOK,  
ANDOVER, CONN.



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# THE BEE-HIVE.

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PUBLISHED FOR AND IN THE INTEREST OF BEE-KEEPERS, BY ONE OF THEM.

VOL. 2.

ANDOVER, CONN., NOVEMBER, 1887.

NO. 8

## A HOUSEKEEPING MELODY.

CARRIE W. BRONSON.

Sing a song of cleaning house !  
 Pocketful of nails;  
 Fore-and-twenty dust-pans,  
 Scrubbing-broom and pails.  
 When the door is opened,  
 Wife begins to sing—

"Just help me move this bureau, here  
 And hang this picture won't you dear ?  
 And tack this carpet by the door,  
 And stretch this one a little more,  
 And drive this nail, and screw this screw;  
 And here's a job I have for you—  
 This closet door will never catch,  
 I think you'll have to fix the latch;  
 And, oh, while you're about it, John  
 I wish you'd put the cornice on,  
 And hang this curtain, when you're done—  
 I'll hand you up the other one;  
 This box has got to have a hinge  
 Before I can put on the fringe;  
 And won't you mend that broken chair ?  
 I'd like a knob put right up there;  
 The bureau drawer must have a knob;  
 And there's another little job—  
 I really hate to ask you dear—  
 But could you fix a bracket here ?"

And on it goes, when these are through,  
 With this and that and those to do,  
 Ad infinitum, and more, too.

All in a merry jingle—  
 And isn't it enough to make  
 A man wish he was single ? (Almost.)  
 —The American.

## Modern Apiculture ;

OR,

*How Frank made Bee-Keeping Pay.*

## CHAPTER XIII.

Uncle Simon gives Frank a Surprise.

"DIDN'T I see a division-board  
 in your hive ?" inquired Uncle  
 Simon as they seated  
 themselves again after seeing

the toad disappear in the brook.  
 "Oh yes, such as it is; but it is only  
 a board cut to fit the inside of the  
 hive."

"We had best have three or four  
 made as two ought to be in that hive  
 this very minute to keep all the heat  
 possible confined in the brood-chamber,  
 and as we are not very busy we  
 can make them right away." Getting  
 up and rapping the ashes from his  
 pipe as he finished speaking.

"Mother, we are going to make  
 some division-boards and want a piece  
 of heavy cotton cloth to make them  
 of. Have you any that I can use ?"

"I do not think of any but will look,"  
 answered his mother, laying aside her  
 work and going upstairs. In a few  
 moments she returned with a piece of  
 calico and about one yard of cotton  
 cloth, saying:

"This is all I find that can be spar-  
 ed. Perhaps you can use the calico  
 just as well."

Taking the cloth Frank went out to  
 the shop where he found his uncle at  
 work measuring off some pieces of lath.

"Will these do ?" he inquired hold-  
 ing them up to view.

"Yes," replied his uncle giving them  
 a hasty glance; "but we shall have to  
 use the cotton cloth for the edges and  
 the back side, as the bees will eat  
 holes through the latter if they can  
 get at it."

With his uncle's assistance Frank  
 soon had four frames made of lath the  
 same size as the brood-frames, with  
 the addition of an extra piece up and  
 down through the center. These they

covered around the three edges by tacking on strips of cotton cloth  $2\frac{1}{2}$  inches wide, filling in between the outside of frame and cloth with some chaff Frank found in a barrel upstairs; then by tacking on a thin piece of board the size of the frame, stuffing the space thus made full of chaff, finishing them by fastening on the backside a piece of calico to keep it from falling out.

"There!" exclaimed his uncle as they finished the last one, "now we are ready to put two of these into the hive. Have you any section boxes, Frank?"

"No," he replied as he finished lighting his smoker; "I forgot to order them."

"You had better order them right away, my boy, for we shall want them in a few days. Get five hundred while you are ordering, as you can keep over what you do not use this season. Also order three more hives as you will need them I think. Now bring along two division-boards and let's have our one colony in good trim."

Opening the hive and taking off the mat, his uncle proceeded to place one of the division-boards on each side of the brood-chamber, taking out the dummies Frank had used, then lifting out two frames that had but little honey and no brood, he moved those remaining nearer together, leaving the brood in the center.

"Now you bring me about a peck of that chaff, in an old phosphosphate bag I saw in the shop, and we will have them tucked up warm and cosy."

When Frank returned he found his uncle had folded the carpeting down snugly over the frames. Taking the bag of chaff he flattened it out so it cover the brood-frames, nearly filling the one-half story cover.

"If you will make and feed them about three pints of sugar syrup for the next two weeks they will then be about ready for a surplus case on top. Feed them at the entrance a little be-

fore night, though if you had other colonies I should advise you not to try this way. As I have decided to come and live with you for a few years, it will be necessary for me to be away for the next three weeks. You will need to add a brood-frame every week or oftener, until you get all of the wired frames in," his uncle concluded as he replaced the cover.

The next three weeks passed quickly with Frank, as he was kept busy helping his mother, folding and fastening pieces of foundation in his section boxes and putting together the two crates. As it was new business it took some time to get them fixed to his liking, and in proper shape for placing on the hive when needed. By this time his hive had become crowded with bees, and as it was now the middle of June he thought they ought to have one case to work in, but as his uncle was expected every day he concluded to wait a day or two in hopes he would come.

The next day, which happened to be Tuesday, his uncle arrived, and to Frank's great surprise and joy brought with him a two-frame nucleus of Italian bees and an Italian queen.

"They have caused me lots of trouble, the little rascals!" said his uncle as he was taking his afternoon smoke on the veranda, while Frank was looking at them through the wire cloth which confined them to the box in which they arrived.


"Do they cost more than black bees?" Frank asked as he continued to scrutinize them with evident admiration.

"That queen cost me twenty dollars!" replied his uncle; "and the man I bought her of threw in two frames of bees for spot cash. I had never seen any Italians until I saw these."

"That is an awful price," Frank observed. "But," he continued, "they are much handsomer than the blacks, and if they gather more honey it may pay to keep only Italians."

## CHAPTER XIV.

## Frank's first Swarm of Bees.

 As they approached the hive the merry humming indicated a populous and busy colony.

"Why, Frank!" exclaimed Uncle Simon, "you will soon be an expert at the business if you can build up a colony like this one every time. I think they will swarm in a few days."

"I guess that sugar syrup helped them as much as any thing; for it set them at work pretty lively," said our young bee-man as he set down the Italian nucleus.

"Bring out one of your cases and we will put it right on, though just like as not they will swarm by to-morrow and then we shall have to try getting our case filled another way."

When Frank returned with the case his uncle had removed the chaff and carpeting, and what a sight met his view!

"Whew! he ejaculated, nearly dropping the case in attempting to clap his hands at the sight.

"They *are* worth looking at," his uncle observed. "See how very full of bees the hive is; they can hardly find room to crowd in. And Frank," he added, "do you see that line of white comb along the underside of top-bars? It is *new honey!* There, you hold this smoker while I remove three of these outside frames. Ah! Brood clear to these outer combs."

Shaking the bees in front of the hive, each comb was found to be nearly half full of sealed brood. Then he placed a division-board (that had been removed by Frank to make room for these frames) on each side of the hive and put on the crate.

"Now," said he, "if they don't come out we shall get some honey from them. These frames," taking up the ones just removed, "we will add to the nucleus and soon have a full colony of them."

Nearly ten days later, as Frank was

at work in the garden, a roaring sound caused him to look toward the apple-tree, where he saw a large cloud of bees in the air. Dropping his hoe he made for the house at his best speed, shouting: "Uncle Simon! the bees are swarming! Bees swarming!" he panted as he dashed through the kitchen, looking for his uncle.

"What is the matter, I wonder," said his mother, failing to understand him. "Boys will be boys," was her mental conclusion as she went out with a basket of clothes. Frank and his uncle came hurrying through the kitchen door just as his mother entered, and a collision ensued, but no one was hurt. The bees in the mean time "settled" on a small cherry tree near the ground. A sheet was quickly spread under them and a hive placed on it. Frank then gave the branch the bees were on a jar which dropped them in front of the hive, when a pell-mell race ensued as they rushed eagerly toward the entrance.

"By jingo!" exclaimed a voice from the direction of the road as its owner, Dick Brown, appeared in full view. "What an easy way to hive bees. Father always has a great fuss when his bees swarm, ringing bells, banging on tin pans and pails or any thing he can get hold of."

"Does he do all the 'musical' himself?" inquired Uncle Simon.

"Not much!" responded Dick, edging up a little nearer them. "Harry plays 'Hail Columbia' on a tin pan; I operate the dinner horn; mother rings a bell and the rest yell as loud as they can, while father rushes around after a box to put them in. But I tell you what, Frank," Dick continued, seating himself in the shade on a rock; "we had the biggest kind of a time the other day when a swarm came out."

"What was it?" Frank inquired, all attention, now that a majority of the bees were in the hive.

[Continued next month.]

## Convention Notes.

[Continued from last month.]

Rev. S. P. Hayward gave an interesting address upon the healthfulness of honey and its being a necessity to man. He thought that honey was the only sweet of early times and that the introduction of inferior and adulterated sweets caused many diseases. That all bee-keepers should impress upon those around them the necessity of a pure, natural sweet; it being beneficial in many diseases, as well as a promoter of health. He then touched upon the healthfulness of keeping bees saying that in early life he had very poor health, but after caring for a few colonies for one or two seasons his health had improved very much. He then touched upon other points of interest to bee-keepers. Though his address was short, it was listened to with interest by all present. Owing to the sickness of his wife Mr. L. C. Root was unable to be present to deliver his address as expected, which was very much regretted.

Written for the Bee-Hive.

## Hints for This Month.

A FEW VALUABLE SUGGESTIONS FOR EVERY BEE-KEEPER.

November! How cold this word sounds. We don't have much desire to take a stroll out among the rows of hives at about six o'clock in the morning now, do we? If we should happen out, we would only see every blade of grass with its coat of white frost, or a little north of us, perhaps only now and then a spear looking up through two or three inches of snow. This makes us think ruefully of the half dozen swarms that we neglected to pack up nice and snug, or maybe left with only half stores enough to last till the end of the long cold

months. If you have any swarms that cause you to feel like this, just set them in the cellar now and try early winter feeding.

Keep all dark and quiet, feeding as fast as the bees will take it, and clear everything away when you have finished. In case your colonies are all in the cellar and you have the least doubt regarding any particularly light swarm, then examine at once, and if in need, supply its wants without delaying longer.

Turn your honey crop into *cash* now if you can secure what you think it is worth, not waiting for a visionary rise and then experiencing a marked fall in prices. Hang all your dry brood-combs in empty hives or second stories, giving plenty of space between each frame, through which the air may circulate freely.

And don't fail to stack these receptacles nicely in some corner where there will be no liability of a fall, and so crack about one-half of them.

This is a splendid time to tidy up all the rooms in your shop or honey-house, and get things in such condition as to be able to leave them for a spell, as you probably want a two weeks' vacation now, and no better time in the year will come for a bee-keeper, and you will enjoy yourself as well again if every thing has been left "ship-shape." Try it.

Those who intend to make their own hives this winter, will do well to draw in their lumber now, and stack under cover where it will season nicely for use when needed.

Don't fail to paint every hive that you make, as it pays handsomely to keep every thing looking well, aside from the extra lasting qualities that will be gained. "Last but not least"—think over carefully last season's profits and failures, and determine as to how you will make an improvement during the next season.

C. H. SMITH.

Pittsfield, Mass.



Since I wrote before we have had a light flow of honey and the Italians have done tolerably well, but the blacks are starving now—i. e. a great many of them are.

W. W. GRANT.

Marion, Ill., 10-4.

Mr. Editor:

I received a copy of your bee journal and I like it very much. You may send it to me one year. Bees have done very poorly here this year.

FRANK WILKINS.

Pelham, N. H., 10-9.

The honey crop here is light this year. I began bee-keeping a year ago. Have sold all my bees but am going to read the bee-papers just the same as if I had not.

WILLIAM B. WHITE.

Chestertown, N. Y., Oct. 1887.

Friend Cook:

Can't you among the writers for the BEE-HIVE find one or more who has had some experience in bee-hunting, who can give a few short stories to help while away some of the long winter evenings.

D. C. BUCK.

Dundee, Mich., 10-10.

[Will any of our readers who have had "exciting times" hunting the "busy bee" in its primitive mansion, forward an article giving the "points" at issue?—ED.]

Written for the Bee-Hive.

## Cheap at Two and One-Half Cents a Copy.

Mr. E. H. Cook:

Inclosed find 30 cents for one years subscription for the BEE-HIVE. It seems to me it is *multum in parvo*. It is useful, interesting and humorous. "A little nonsense now and then is relished by the best of men." Success to your little BEE-HIVE; may it send out lots of honey. It is a cheap two and one-half cents' worth. I like the looks of the little thing. Send the November number as soon as published.

JOHN TAMIESON.

West Toledo, Ohio, 10-5.

## Good for this Year.

Mr. E. H. Cook:

As I anticipated in the spring, the season has been a poor one for honey. I gave my bees close attention and received about half a crop. I wintered 25 colonies, and sold 10 in May and June which left me 15; they increased to 29. From these I took 775 full sections, 4½, and 68 lbs. of extracted from imperfect ones, which makes 843 "and all sold."

My honey is unusually dark, not more than 200 lbs. of white. My bees were hardly self-supporting from the first of August until Sept 20th, some of them not 5 lbs. of honey in brood-combs, but filled up on golden-rod sufficient to winter.

C. L. BOSTWICK.

Sandy Hook, Conn., 10-17.

Written for the Bee-Hive.

## From East Troy Apiary.

Mr. E. H. Cook:

In reply to your offer as a premium of the BEE-HIVE one year to the one



getting the first case of honey this season, I do not expect it, as I don't leave one case on until it is all ready for market, but when about half full I raise it up and set an empty one under. This is the way to get a big yield of honey. This season has been very poor. We had a very poor yield from clover and basswood.

I use crates that hold 24 Simplicity sections. The 10th of July I took off 48 pounds. The colonies were Italian. Same day 42 pounds from blacks. I should have written sooner but was not able. I have been troubled with heart disease since July 15th.

JAMES P. REYNOLDS.

Hydetown, Pa., 8-23.

Written for the Bee-Hive.

## The Bee-Hive all Right.

Editor of BEE-HIVE:

I suppose renewals are always in order regardless of date of expiration. "What is the matter with September number?" Solid, sensible, practical, intrinsically valuable matter from correspondents "known to fame" will bring success and make your journal a necessity. Doolittle's article is worth a dozen subscriptions to many of us. Would not the date of our subscriptions printed on the address label be a good reminder to us?

I take over a dozen papers, periodicals, etc., and would not know the exact date without some guide to post me. Don't get angry. I have often made trouble for myself by making suggestions. The motive can't always be known. Bees booming on golden rod and stick weed.

WM. S. ADAMS.

Guys, Md., 10-3.

[Renewals are always acceptable friend A. We propose hereafter to inclose a printed slip notifying subscribers when their time is out, together with a blank form for their renewal.—Ed.]

Written for the Bee-Hive.

## Among the Bees in September.

There is, perhaps, no month in the year when the apiarian so dislikes to handle his bees as at this date. The honey flow in most localities is at an end for 1887, and the bees are now thievish and worrisome. Now is the critical period when we are very apt to neglect even the necessary work in the yard, and this at the risk of losing our colonies during the coming winter. The honey crop this season has been such a failure throughout, that beekeepers as a rule will have less of an incentive to buckle into the disagreeable work of this month than in former seasons, and yet I have known no year when we needed more caution to stimulate all stocks and give them full larders than is needed this fall.

There has been no extracting in the Osceola yard for about six weeks, and yet upon examination I find that about one-half the stocks have only enough to last a few weeks, whereas the other portion are actually living "from hand to mouth."

Continual wet weather accompanied by cool nights has been the cause of the poor flow in this section, and further north the reverse of this seems to have been attended with an equal failure in the honey crop. Where honey is commanding a good price it will be advisable to sell our whole crop—which, I judge, will be a light task—and purchase granulated sugar to feed our bees on this winter.

A quality of extracted honey that would be equal to good granulated sugar syrup for winter stores, should bring ten cents per pound this season, and as the sugar is now quoted at from six, to six and one-fourth cents per pound, one can readily see that quite a saving would be made. Then again, one pound of sugar will make nearly one and three-fourths pounds

of nice syrup. I think we can safely say the sugar stores can be used this winter at about half the cost of the honey. The bees should be fed *right away* and no time should be lost in waiting for the bees to gather "a little more" from the flowers.

If the syrup be given them now, they will have time to cap it over nicely and get quieted down for the winter. If your stocks are pretty strong feed the syrup rapidly, say six or eight pounds per night; but if weak give not more than two or three pounds each evening.

A great deal is said and written about giving young and prolific queens to all stocks having old or worthless ones, but I cannot yet see that this is a profitable method to pursue at this season of the year, and especially if one has to buy all of their queens. There is generally quite a loss in introducing queens at this season and I do not think that the net gain will compensate for the outlay. Of course if we have queenless stocks that are of any value we must give them a queen as soon as possible, or else unite with some other stock having a laying queen.

C. H. SMITH.

Pittsfield, Mass.

Written for the Bee-Hive.

## Two Colonies of Bees.

Rain! rain! Let's see, now I will report what two stocks of bees have done this season. My best stock, \$100 queen if she lives until another season, type of bee, Circasian, Caucasian, how do you spell it? They have a bad reputation, and no wonder.

On hanging frames one can do nothing with them; they will swarm in spite of you, and queen-cells by the quart! I had a fearful wrastle with them at the start, a year ago. I ran them on reversible frames at the start.

They wintered splendid and I never saw a hive so full of bees in April.

I immediately put on surplus chambers, placing section-frames alternate, and reversed and uncapped all honey in all the frames. I kept watch of them, reversed and reversed the brood-combs all this season, and they showed no disposition to swarm. I have taken away from them at different times, 134½ pounds of section honey; 15 pounds of frame honey in two solid sheets, 10x15 inches, leaving in the hive packed away for winter at least 45 pounds of honey. They have a nice lot of brood, and golden-rod and asters yet to be heard from.

All my bees have done well, but the drouth cut me short three hundred per cent.

Messrs. John and Charles Wileman of this place, have 22 stocks of bees, testing my system. They commenced the season with eight full colonies and have increased them to their present number, and it would bother one to tell which are the strongest. The last time I saw the boys was about Sept. 5th, when they said they never had better success with bees, and furthermore, they will have over 1,200 pounds of honey.

The second colony of bees I report is one of these. I call them the "Ethiopians." Oh my! how black they are; they are as black as crows! The very largest bees I ever saw; splendid long wings; easy and graceful flyers. They can be fussed with all day, as they require no smoke to handle. The queen is very large and as black as the bees. The bees and queen cling to their combs while being looked over, and she keeps right on laying just the same. Her bees are extraordinarily active in gathering honey.

I have watched them with considerable interest this season. I presume she is one of the native black bees crossed with the Caucasians, as Messrs. Witeman have no others. Now to the interesting points about these bees.

The Wilemans thought that they would re-queen that stock but did not do so. For this reason young Mr. Hoffmire, our preacher's son, offered John \$4.00 for all the surplus honey that stock would make during the season of 1887. John, laughing at the offer said, "That is a bargain, as the queen and bees are black and no good." I gave John instructions not to kill the queen; but to run that stock for honey all they were worth.

He laughed and says, "I guess Hoffmire will be out of pocket." Now John's face is long and Hoffmire does the laughing. June 1st they took off 37 pounds in one-pound sections.

Sept. 5th when I was there looking them over, they had 48 sections seven-eighths finished. I saw Hoffmire a few days ago and he tells me he will get over one hundred pounds. This at 20 cents is \$20.00; less \$4.00, leaves Hoffmire a profit of \$16.00. I hope that queen will winter as I want two or three daughters from her.

J. W. TERTT.

Collamer, N. Y., 10-1.

Am. Bee Journal.

## The Production of Comb Honey.

In reading Mr Theilmann's article on pages 552 and 553, I am led to think that my plan of working for comb honey is not understood by him, and perhaps not by hundreds of others. Mr. T. says that Doolittle "practices side-storing," while the truth is that I never did such a thing, in the full sense of the word.

Nine-tenths of the honey I ever obtained was stored at the top of the brood-chamber, and the sides were only used for comb-building. Try to get around it as much as I may, the fact still remains, that bees will build comb much faster at the side of the brood than at the top; while the fact

is equally prominent, as Mr. T. says, that bees prefer to store their honey at the top. Putting these two facts together, I was led, 14 years ago, to adopt top-storing in connection with side comb-building, or "side and top boxing combined," as I have termed it, the results of which I am not ashamed to lay beside any 14 years' record of any apiarist in the world.

Now how have I worked this plan? Although I have branched out in many directions (giving each in the *Bee Journal* in years past) to see if I could not improve upon the honey yield, yet my method of working has generally been as follows:

As soon as the honey season opened, the packing was taken from the top of the hive, and about one-half of the top-room to the hive covered with separated, single-tier, wide frames, the wide frames being filled, or partially so with sections full of comb left over from the previous season. As soon as the bees were well at work in them, they were spread apart and wide frames of sections containing starters of natural comb or comb foundation alternate between them, till the top of the hive was covered.

In about a week more, or as soon as the bees begin to cap the first sections put on, the packing is taken from the sides of the hive, and wide frames of started sections placed on either side. As soon as any honey of any account is ready to come off the top of the hive, these side sections are filled with comb containing a little honey; very little in the lower tier, but more in the upper ones. As I take off the finished sections at the top, the sections of combs are raised from the side to the top, where the bees soon fill them with honey, while they are building more comb at the sides in empty sections, or started sections, which are put in at the same time the others are raised to the top. In this way I keep on until the honey season draws toward a close.

At this time, when the wide frames of sections are raised to the top, the bees are shut from the sides so as to throw the whole force of bees and honey to the top. In this way I get most of the sections finished for market, having only enough unmarketable ones for the early start next year.

By the above it will be seen that Mr. Thielmann's term, "side-storing," cannot be applied to my plan, and as far as pollen in honey in sections is concerned, I have had scarcely a dozen such sections in all of my experience as an apiarist. That the above described plan requires rather more labor than some of the other plans, I am free to admit, but when it is considered that all sections are handled by the wide frame full, the labor is not so much greater than by some of the quicker plans, as a few would have us think. Then if we take into account that more honey can be secured by the above plan (which I firmly believe), than by any known plan, this labor problem has little to do with it, for the extra honey obtained pays for the extra labor.

One great reason why I object to nearly all of the case and non-separated plans, is because we are obliged to put on just such an amount of surplus room, or none. This amount is generally *too* much on the first start, and tends to discourage, the bees rather than invite them into the sections. With the wide frame plan, as above, the amount of room can be gauged to the wants of the bees every time, giving a range of from 5 to 65 pounds. For the past two years I have been trying top-storing on the lateral plan, instead of by tiering up, and I must confess that so far I am very much pleased with it—so much so that I am thinking of giving up the side comb-building part entirely.

The plan of working is to put on a small amount of room at first, the most of which is sections filled with comb. This with the contraction system gets

the bees into the sections with the very first of the honey-flow, and entirely prevents the crowding of the queen with honey in the brood-chamber. As soon as the wide frames of sections first put on are partly full, place more at both sides of these, or enough room to last until the first are finished. When any are full, take out the wide frame, and bring the partly filled ones to the center, adding empty room at the sides of the partly filled sections. In this way I have secured splendid results with as little labor as any of the known plans can boast of.

G. M. DOOLITTLE, Borodino, N. Y.

## Is the Bee-Hive Dead ?

Mr. E. H. Cook :

You sent me your magazine, the BEE-HIVE, Vol. 1, number 2. Is it printed now, or has it died? Here is four cents; please send me one more number. I thought I would like to subscribe with some other paper, if you offer the same club list. There are so many bee-papers I thought you would stand rather of a hard chance for long life. I thought it was a neat little paper.

J. A. GODDARD, Grafton, Mass.

[No! friend G. the BEE-HIVE hasn't stopped, "never to go again." Nor do we think it will if subscriptions come in as at present.—ED.]

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## WHIT AND YUMER DEPARTMENT.

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Hereafter this department will be conducted by John Henry Tucker, the great Apyariun Phyl-  
osapher, and any one havin questions to ask per-  
tainen to this subjeck wil have them ansered troo  
this department of the B Hive.

---

**John Henry Tucker's**  
PHYLOSOPPIKAL EXSELLSYER TRY-  
UMPH B HIVE.

---

Little did I think when I aloud the  
abuv to b inserted in the oktobur Num-

ber ov the B hive, that I wood so soon b bset by questshuns from al parts ov the globe. As it would b un possibul for Me to anser al which ar dayly arivin, I kan only give a phew, and I hope the frends hoo dont C there questshuns ansered here wil not think hard of Me (J. H. T.)

Just think ov a man in fur away ingland, ackros the puddle, a writen over hear to me to phind out why bs swarm.

Questshun No. 1.—Mr. John Henry Tucker: please tel me why bs swarm. Yours &c.,  
E. J. Potter, Cambridge, Eng.

Anser No. 1. Mr. P. the rezon bs swarms iz bekos it gits to hot in the hive and the bs go out to kool oph. This gits the King xcited and he goes out to se whats up and when He gits out he dont no the weigh back. Then iph the Apyarist aint there to wring bels, hamer tin pans, shute oph a gun, hold up a looken glass to refleckt the raze ov the son on them and thro watter on them, after wresten a Short time thay wil abskond to the 1st holler tre thay kan phind.

Questshun No. 2.—Mr. Tucker: Seeing that you answer questions from bee-keepers through the BEE-HIVE I will ask one. I am much in love with a young lady and would like to win her affections, but she seems to prefer a young lawyer who is paying her his addresses. What shall I do about it? I am a bee-keeper. Respectfully,  
E. B. Galliger, Tillamook, Oregon.

This questshun iz not pertainen to Bs. It properly belongs to the Etykwet department, but az we have no Etykwet department and az it iz asked by one ov our B-keepin frends I wil anser it.

Anser No. 2. Let Her go, Galliger. If she dont prefer an Apyarist to a lawyer, she woodnt make a fitten wife for a B keeper.

Questshun No. 3.—Mr. Tucker: Which is the best bee-hive now in existance?

F. K. Phillips, Pemberton, N. J.

Anser No. 3. Tuckers phylosoppikal Exsellsyer Tryumph B hive, a deskriptshun ov which se bealow.

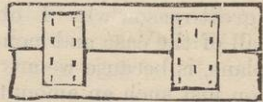
## TUCKERS PHYLOSOPPIKAL EXSELLSYER TRYUMPH B HIVE.

Dear readers ov the B Hive: Az promised in my last I wil now give you a deskriptshun of My Phylosoppikal Exsellsyer tryumph B hive.

In the 1st plase i dezire to tel you that most ov the b hives now advertized iz a Delushun and snair desighned to trap a lot ov onnest, confidin, and hily respektabul pepul, But thanks to the Inventiv Genyus, the da iz not phar dystant when Phylosoppikal b keepin wil have reached its "goal," When there wil be Bushels ov Hunny prodused to where there iz pounds now, When won man kan tend a 1000 skeps ov bs az eazy az he kan tend 50 now.

### DISKRIPSHUN.

1st git out ate bords  $2\frac{1}{2}$  feat long by 7 inches wide and about half an inch thick. You kan git this kind ov stuf by nocken an old Boot box to peases. Now lay down to .ov there peases, side by side, and Nale on to cleats about 6 inches from the ends, Thuss:

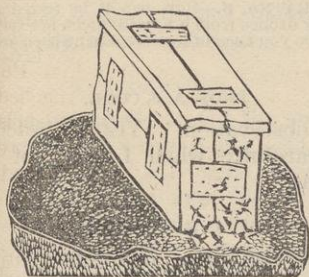


Nale 2 and 2 together untill you have the fore sides ov the hive reddy, which you wil nale together like a box. Now git out a pease 13 by 14 inches and bor fore hoals in it, one in each korner. This you must nail in about ate inches from the top, which makes the divishun between the brude chamber and the surpluss Department and when the suplus department is phul al you have to do iz to nock oph the Lid and kut out the hunny with a bucher Nife and put it in a pale.

That is for kome hunny. But hold on, the hive is not quite komplet. It must have a Lid which iz made ov 2 peases, 8x15.

This wants to be naled on kind o loos so itz not hard to nok of, and now

you want an entrents which iz maid by layin the hive on its side an sawen 3 noches in the frunt side, just like you were goin ter make a home maid boot jack, only not so big. Now put too stix in the brude chambir, runn em katty kornered, and the Hive iz komplete. Just set it on a phlat rok or an old board and it iz reddy for the Bs, Thuss:



TUCKERS PHYLOSOPPIKAL EXSELLSYER TRYUMPH B HIVE.

The prise of the patent rite on this hive iz five Dolars, \$5<sup>00</sup>, pur farm rite. Thoze who dont wish to manufakter the hives and by a farm rite, kan get them by applyen to the foler-in adress,

THE TUCKER PHYLOSOPPIKAL B HIVE  
and B Kepers supply Manufakturin  
Establishment,

TALLY HO,  
TARBORO KO., DARE.

Dont adres your leters to The Tucker Phylosoppikal B Hive and B Kepers supply Kompany, kauze they aint no kompany.

I am prezidunt, Vise prezidunt, biznis Maniger, sekretary and tresury, Also phul bord ov direkturs. I dont bleave in konpanys, kause when there iz a kompany if any disattisphackshun arizes each won wants to blame it al on tother.

Later I wil giv a diskripshun ov my auxzillerry Undispencibul Hunny x-strackter which iz dezigned to be used in kombinashun with my phylosoppikal Exsellsyer tryumph b Hive. But do not be dissapointed if it dont ap-

pear in our next az you wont nede it enny more this year.

yours Trooly,

JOHN HENRY TUCKER.

## Questions for John Henry Tucker to Answer.

I vould likes to ask Meesder Yohn Henrie Tooker sume questions aboutt pees all reddy.

1. Vot meeks der leedle pees sthing von you dhondts vront dhem to?
2. Vot dhood dhe leedle pees ven idt coomes cholt vedder? Dhem pees von dhe houdt shide of dhe glusder got indo dhe midle all reddy?
3. Und Meesder Tooker dohnd dhe leedle hitalian pees komb midt dhe yellor jakhidts?

I vos so phull of drubbles midt my pees all reddy.

YAWCOB LOUDTENESLAYER.

[Will Mr. John Henry Tucker please help our friend Yawcob out of his difficulties with the "pees"?—Ed.]

## Our Question Box.

In this department subscribers are invited to ask practical questions on bee-culture.

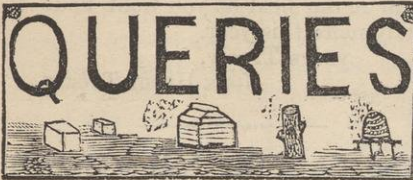
## Open Entrances in Winter.

Do you think it best to leave the entrance open all winter so the bees can come out just when they want to?

WM. B. WHITE.

[I would leave the entrance open from two to four inches, depending on the strength of the colony. When there is snow on the ground and the weather admits of their flying, shake a little hay or straw over the snow for a couple of rods about the hives and but few bees will perish. A cleansing flight will be of more benefit to the bees than the loss sustained.—Ed.]

# QUERIES



We desire to make this department of value to subscribers, and for this purpose questions of a practical nature and general interest will be carefully answered by a number of experienced beekeepers.

**QUERY No. 7.**—Can a bee sting one while he, the person, holds his breath? A. T. C.—

DR. C. C. MILLER.

Certainly.

W. M. BARNUM.

Certainly.

J. H. LARRABEE.

Yes. The breath will irritate them however.

PROF. A. J. COOK.

*Most certainly.* Just try it. Hold your breath and pinch a bee, and you will never need to ask that question again.

W. Z. HUTCHINSON.

This seems almost *foolishness*. Why no twork about the apiary a while without breathing and thus settle this momentus question?

J. L. HYDE.

Yes. This is one of those sayings that makes us feel wise after having learned it, but afterwards we have to go to the trouble of unlearning.

S. P. YODER.

Of course, why not? Try for yourself. Let some one catch a bee and hold her "business end" against the root of your nose while you "hold your breath," and if you do not shed any tears, it will prove that they can not.

G. W. DEMAREE.

I sometimes get a thrust that makes

me "hold my breath" to keep from howling. If you let a bee "sit down on you" while you hold your breath I guess it will succeed in its undertaking all the same, but I am not sufficiently interested in that branch of the "science" to try it on.

**QUERY No. 8.**—How can it be tested as to whether drones from a hybrid queen are pure or not? Do you know of its ever having been tested? E. C.—

PROF. A. J. COOK.

By observation. Yes, I tested it very carefully when I first got our Syrians.

W. Z. HUTCHINSON.

Read the little pamphlet entitled the "Dzierzon Theory" and it will answer you perfectly.

DR. C. C. MILLER.

Get and read the Dzierzon Theory, and I think you will be better satisfied, than with any answer that could be given in the space allowed here.

W. M. BARNUM.

Others to the contrary, I don't believe that it can be tested—to a certainty. Drones from a *hybrid queen* will be *hybrid drones*—ninety times out of a hundred. No; I never heard of its being tested.

J. L. HYDE.

If you live where no bees are kept you can get a hybrid queen and test them; or a better way would be to move onto an island where you know there are no bees within ten miles. I do not unless a virgin queen is a test.

J. H. LARRABEE.

Since the theory of parthenogenesis has been proven true with many other insects, and since old or virgin queens and fertile workers produce drones, we can reasonably infer from

analogy that the drones are pure if the mother is pure, though mismated.

S. P. YODER.

Pure drones or pure Italians? My drones from hybrid queens are darker even than the worker bees. They lack the three yellow bands. Their looks satisfy me that they are not straight Italians. Do not think any further test necessary. An apiary filled with hybrid drones deteriorates very rapidly, in color at least.

G. W. DEMAREE.

I have frequently tested the matter as to whether a virgin queen can lay eggs and bring forth male progeny without meeting the male (drone) and I have found that she can and does do it. Now if the queen is pure herself, and if "like produces its like" her progeny must be pure, and if she can and does produce male progeny without the intervention of the male, I can't see how her subsequent meeting of the male can change the conditions. This is all the "test" that can be made of the matter. To be perfectly sure of purity of blood I prefer (in practice) to breed from drones from pure queens that have been purely mated.

From *Gleanings* we take the following in regard to apiculture in Norway: Bee culture is making great progress there. Some quite large apiaries have succeeded in producing over 100 lbs. of extracted honey per colony, and this honey retails at 25 cents per lb.

### Bee-Keepers' Convention.

**Union Convention at Chicago.**—The North American Bee-Keepers' Society and the North-western Bee-Keepers' Society will meet in joint convention at the Commercial Hotel, cor. Lake and Dearborn streets, in Chicago, Ill., on Wednesday, Thursday and Friday, Nov. 16, 17 and 18, 1887. Arrangements have been made with the Hotel for back room, one bed, two persons, \$1.75 per day, each; front room, \$2.00 per day each person. This date occurs during the *second week* of the Fat Stock Show, when excursion rates will be very low.

W. Z. HUTCHINSON, Sec.

THE

## Bee Hive

PUBLISHED MONTHLY.

E. H. COOK,  
EDITOR AND PUBLISHER,  
ANDOVER, CONN.

Subscription Price, 30 cents Per Year  
in Advance.

### Editorial Ink Drops.

See that all your hives have tight, rain-proof covers, for many a fine colony has been destroyed by leaky roofs.

What makes the bee-journals love each other so?

Because, b-e-c-a-u-s-e,—they can't help it you know(?)

Valuable queens are the rage at present—\$100.00 each. When we get time to go out farming at 50 cents a day, we are going to have one.

"The causes of drouth unknown," is the caption of an article in one of our exchanges, by a western writer. Our geography may be a little mixed in regard to this matter, but here, a scarcity of rain is what does the business.

Still they come! *The Poultry and Bee-Keepers' Journal*, is the name of this unfortunate. It is printed at Perry, Mich., by the Sun Publishing Co., and we don't know whether there are any stars or comets connected with it or not. It contains 16 three-column pages, monthly, and costs 50 cents a year. Is there "more to follow?"

A Mr. Olmstead of Hobart, N. Y., ordered Mr. S. W. Rice of the same place to remove 40 hives of bees, claiming they were a nuisance. As Mr. Rice refused to do this, Olmstead brought suit against him for \$1,500,



and obtained judgement of six cents!

Wonder if he (Olmstead) ever lends money on good security? We should like to make arrangements to borrow that *six cents!* Want to start a bank with it(?)

See that your entrances are not so high as to admit small mice. If over  $\frac{3}{8}$  of an inch tack on a piece of tin sufficiently wide to narrow them down to this width.

Just as we go to press the last time Mr. W. Z. Hutchinson writes that he has sold his place at Rogersville, and moved to Flint, Mich., where he has purchased a small place. Those writing him should direct as above.

One of our advertisers writes: "I can say this for your paper; that it has done its share in bringing us customers." We are constantly sending sample copies and hope all our advertisers will be able to say likewise.

A queen that will keep her hive filled with *young* bees clear up to cold winter weather is an exception and not the rule. We have an imported queen that will be four years old if she lives till next season, that is above the average in several points. Her bees always come through the winter in good condition, and we think the principal causes of such successful wintering are: First, a good supply of early-gathered well-ripened honey; second, an abundance of young, vigorous bees to stand the severity of our cold winters. The queen herself is almost black in color, though her progeny are well-marked and rather light-colored. Eight out of every ten queens reared from her are as near alike as it is possible for queens to resemble each other. As we have used her for a breeding queen most of the time, we have never had a chance to

thoroughly test her bees for honey-gathering; but from the amount of honey in the hive, as compared with other colonies, they evidently lack nothing in this particular.



G. M. DOOLITTLE'S

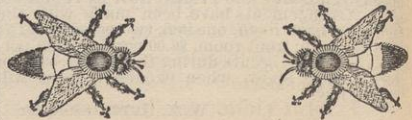
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Vincennes, Ind.

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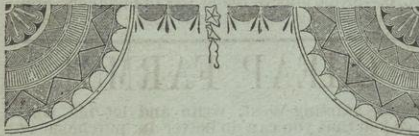
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