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## **The Southland queen. Vol. VII, No. 4 August 1901**

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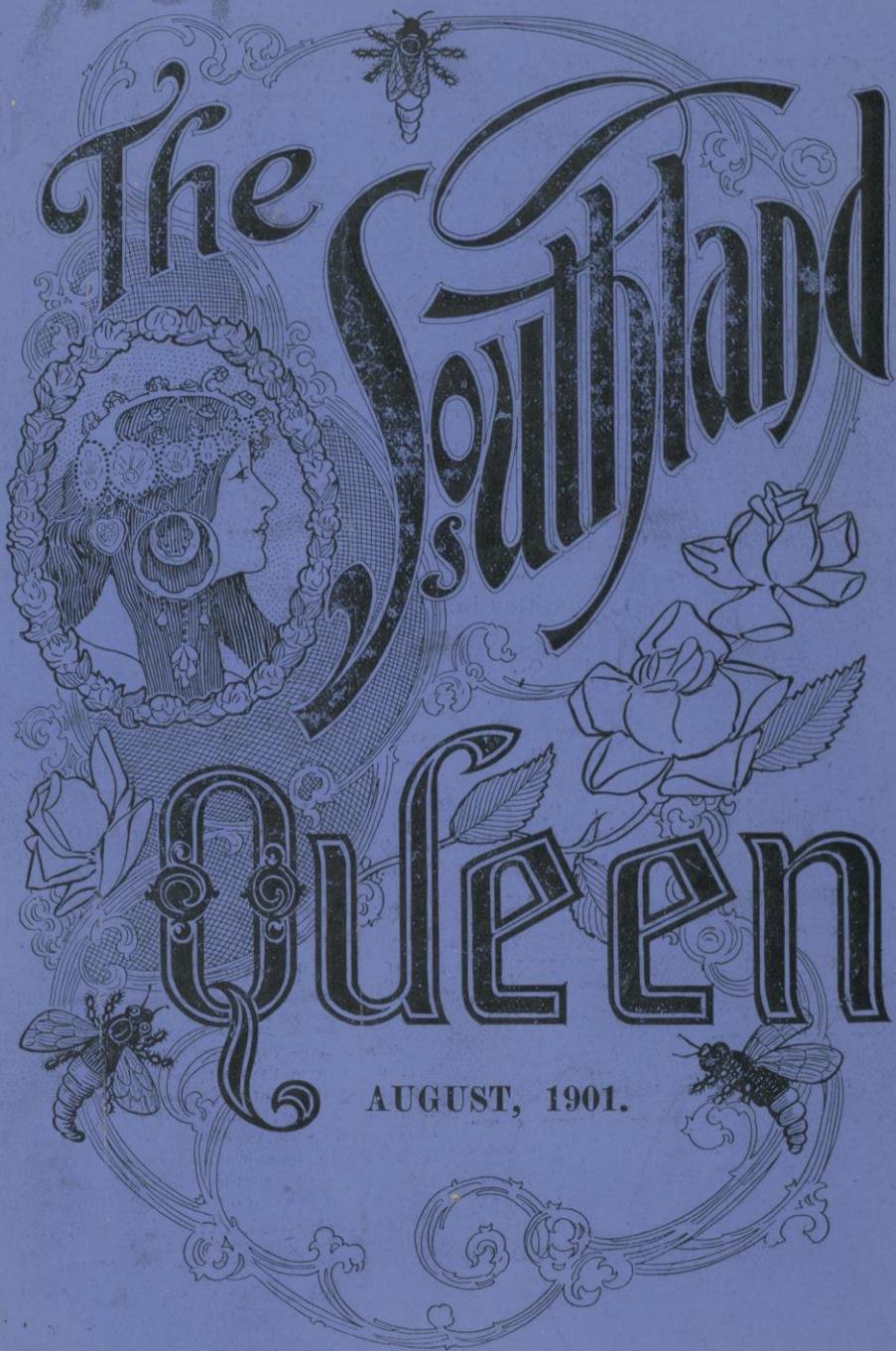
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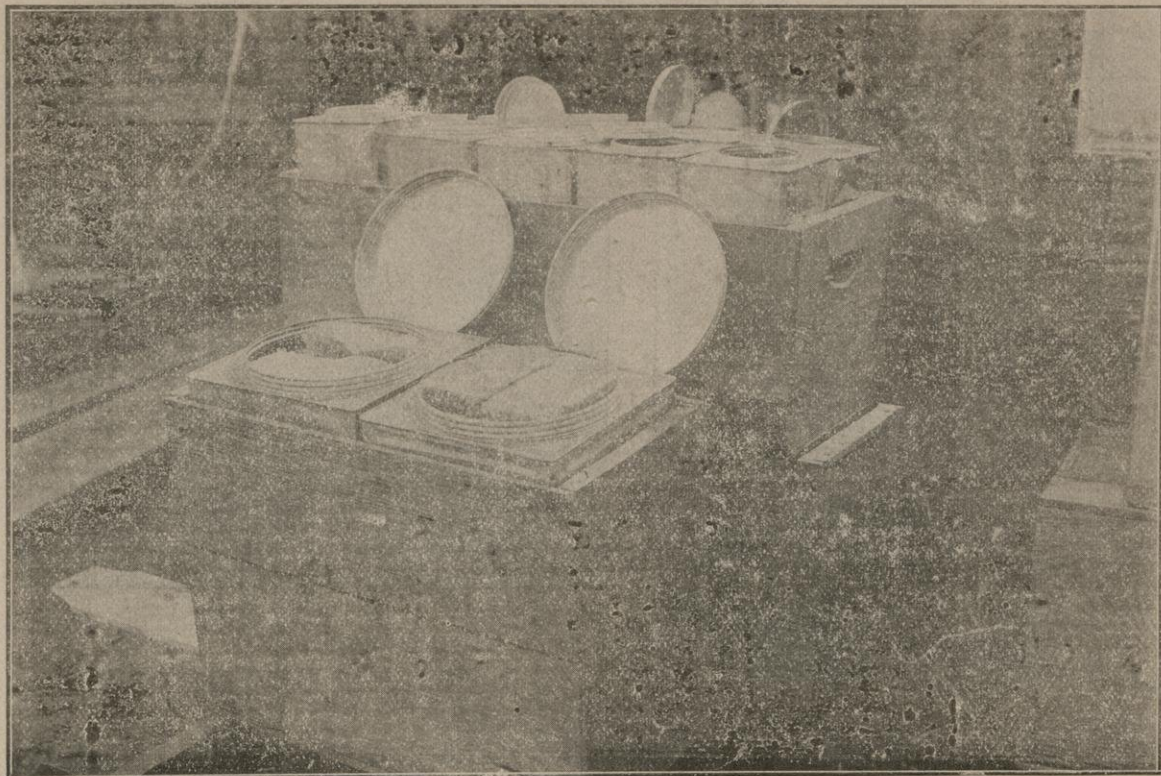
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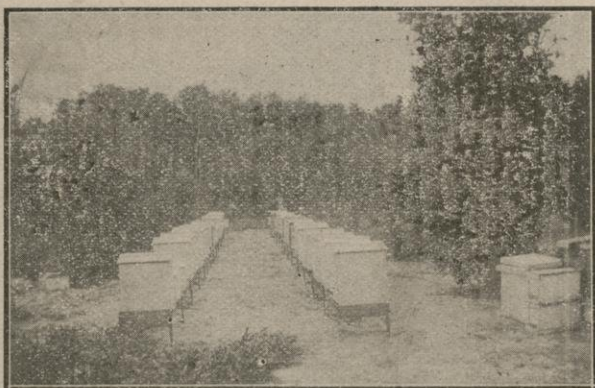
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Porter A. M. Feathers and Wife, and one of his Apiaries.



# THE SOUTHLAND QUEEN.

Published Monthly.

Devoted to the Exchange of Thoughts on Apiculture.

\$1.00 Yearly.

Vol. VII.

BEEVILLE, TEXAS, AUGUST 1901.

No. 4.

## About Buying Honey.

BY O. P. HYDE,

Concluded, from July No. of THE QUEEN.

Well, I left the reader when I was in that Mexican camp; just at that critical moment a Spanish school teacher stepped up, and seeing my distress said: "I am stopping at a Mexican Mission two miles from here, and if you will go with me I will do the best I can for you." He was a professor in the two languages, holding a state certificate, being there for the purpose of instructing the Mexicans in the English language. But to return, we were on our way to the Mission, arriving considerably after dark. I found that the Mission consisted of a dozen or more old stone structures, built probably two hundred years ago, by the Spaniards, for the purpose of protection and for "Christianizing" the native Indians.

In these buildings I found there were probably twenty families of Mexicans, my Spanish friend having one room and only one cot, which he tendered me for the night, (he occupying his hack, just outside) after we had partaken of

supper which consisted of black coffee and bread. For breakfast we had the same thing, coffee and bread. "Sleep" that night, no, not much, I was up and out every few minutes, as I feared the Mexicans would steal my mules, or perhaps worse.

Early in the morning we were on our way with a light heart filled with thankfulness for having survived the night. We felt gaunt, (when I say we, I mean the little mules and myself). At 10 a. m. we were at Elmerdorf where we got some substantial refreshments and we felt much better.

Elmerdorf is noted for its two large establishments for making stoneware, while only a few miles away is another, for making sewers, I believe this is the only factory of its kind in the state.

Six o'clock p. m. found me in Floresville, from which place I made my way three miles north, to the hospitable home of Ray Royal, who is a practical bee-keeper having about eighty colonies of bees; he keeps everything neat and trim and says he made only one mistake, he started with the V hive, or what is commonly



called the ash-hopper hive. He now regrets this, and wishes he had all his bees in standard hives.

Friday morning, the 21st, I made my way back to Floresville to call on M. M. Faust, finding that he and his family had gone out to his farm to spend the day and recreate; he had just passed through a great trial, his wife having passed to her home above, only a few days previous. I found him in his apiary stirring up, as his bees were just rolling in the honey; he has about 350 colonies, of bees. After buying his honey, or rather a small part of it, about 5,000 lbs, in the afternoon, I went out to the home of our two young bee-keeping friends, Messrs. Jim and John Bell, who reside with their parents, I spent the night with the Bell family. The boys have about a hundred colonies in fine shape.

Saturday morning I made my way to the home of that practical bee keeper, and queen-breeder, G. F. Davidson, of Fairview, who has about 400 colonies of bees and 300 nuclei for queen rearing; he is doing a good business both with his queens and in the production of honey.

Sunday afternoon I returned to the hospitable home of M. M. Faust and spent the night with his most estimable family. Monday morning I started home as I could not

remain away longer. There were many bee-keepers, both south and west that I would have liked to have visited, but time forbid.

While out I bought about 30,000 pounds of honey. Nothing more of interest occurred, arriving home Thursday, 27th.

Hutto, Williamson Co., Texas.

### Not Old Bees.

By G. B. CRUM.

EDITOR SOUTHLAND QUEEN:

I received THE QUEEN for June today, but have failed to get the May number, and have had some misgivings as to what might have happened to it, thought perhaps a cloud-burst, siclone, or maybe as in the case of April issue, there was some new editor on its staff, but judging from its appearance, it was having a new dress made for summer, and as it is like its humble sisters, it could not wear its old one all season. We think it is out in a very becoming attire, I would be pleased to have it make its May call; better late than never.

The outlook for a heavy crop here is very poor, the drouth in April and first of May cut off our main stake. gaulberry and palmetto. I do not think this is much of a place for honey, the range is too small, as we are situated on a



peninsula; I have seven colonies now. By the by, I think I can offer H. G., M. D., an explanation to his query on page five, June issue of *THE QUEEN*, he says: "I notice about my apiary some bees which look as though they had been dipped in grease, they are just as sleek as they can be." Now if I may be permitted, I will try and answer this, though I am neither an M. D. or an old bee man. It is not necessarily age, or a disease, that makes them sleek, though either age or disease might do so. Two weeks ago I gave a small colony of blacks three frames of hatching goldens and about four days ago I noticed the unusual activity of this particular hive, while others were doing comparatively nothing and on examining them I found they were getting something from some source that was not nectar, and on looking in the hive, found the juice or whatever the stuff is, to vary in color, from a light strawberry to chocolate, some of it so bright that it had the appearance of blood; what this stuff is, I cannot say, but there seems to be a plentiful supply of it. Well, to return to my story, fully one half of those bees have disappeared in four days, and upon close examination I find the bees coming in all daubed and smeared all over. My idea is that

they go in and get cleaned up, hence it leaves them slick and greasy. Now, while I know it is not age, the blacks and goldens are sleek alike, but for the disease, well it is worse, those bees go somewhere and dive into a mess of sweet sticky stuff, and it is only those that crawl out and get cleaned up so they can fly, that ever live to work another day.

Success to *THE QUEEN*, and its staff.

Brunswick, Ga., June 24, 1901.

### **Bees and Honey.**

[From Colman's Rural World.]

When the colony is getting ready to send out a swarm, one listening at the hive can usually hear a sharp peeping, not altogether unlike that of a lost chicken, but much less in volume and perhaps more shrill, certainly more rapidly repeated, says the "Mass. Ploughman." This is said to be the angry note of the queen when she finds that there is another queen living in the hive, and guarded by the workers so that she cannot get at it to kill it, as she certainly would if it were not surrounded by a body guard. What reason any one has for the assertion that these are notes of angry passion, instead of calls to rally a certain number of her followers to prepare to depart with her from the presence of her newly-hatched rival, we do not know, but the fact remains that many are guided by this sound to hunt out and destroy the young queen and any other queen-cells they can find if they do not wish another swarm. It is easily detected by one whose hearing is keen enough, for it bears about the same relation to the ordinary hum of the colony as the shrill notes of the bugle do to the roar of the battlefield.



## National Bee-keeper's Association

EDITOR SOUTHLAND QUEEN :

Please say in *THE QUEEN*, that the next convention of the National Bee-keeper's Association, will be held in the audience room of the Buffalo Society of Natural Sciences, in Buffalo, N. Y., on the 10th, 11th and 12th of September next, commencing on the evening of the 10th. The place of meeting is in the Buffalo Library Building, corner of Washington and Clinton streets, near the business center of the city.

Railroad rates will vary in the different passenger association territory, from one cent per mile each way, to one and one-third fare for the round trip. The rate can readily be ascertained by inquiry at their railroad station.

Buffalo bee-keepers will try to provide entertainment at reasonable rates for all attending the convention who will notify Mr. Sidney S. Sleeper, of Holland, N. Y., by the 2nd of September, of their desire.

In a letter just received from Mr. Sleeper, he says: "We want all to come who can, for we wish to make the Buffalo meeting the most pleasant and instructive one that has ever been held in America. We will have the co-operation of all the sciences, as well as the school-

board," and names some professional men who will be at the convention to help, and Mr. Herohiser closes a long letter by saying, "call on me for whatever further assistance I am able to render," and others have offered to do all they can to provide for the comfort of the delegates.

As stated in my previous convention notice in *THE SOUTHLAND QUEEN*, there will be no fixed program, and no papers, the time being occupied in asking, answering, and discussing questions, except that on the evening of the 12th, there will be a joint session of our association with the American Pomological Society to discuss "The Mutual Relations of Bee-keeping and Fruit Growing," and Prof. Beach, of the New York Agricultural Experiment Station, and Prof. Fletcher, of the central Experiment Farm, of the dominion of Canada, will help do the talking for the bees at that session, and it is hoped that much good will result to the fruit-growers and bee-keepers from this joint session, and if any bee-keeper who can not be at the convention has any questions, knotty or otherwise, that he would like to have answered at the convention, will send them to me, I will see that they are presented.

A. B. MASON, Sec'y.  
Station B, Toledo, O., June 27, '11.



## A Good Queen,

[From Colman's Rural World.]

The importance of having a good queen in a colony can scarcely be estimated. When the beekeeper finds that in the same apiary, and perhaps side by side, he has two colonies, one of which produces less than half as much as the average of the whole, and the other double the average, or four times as much as the first, he cannot help but think that one must have a very poor queen, who produced but little brood, and the other a prolific queen, with vigor enough to give an active working colony. We are not sure but that some bees are like some men, "born tired," by reason of a lack of strength and vitality in their parents, says the "Mass. Ploughman."

But whatever the cause, there are few beekeepers who have not had as much or more difference as this in colonies in the same apiary, and we know of but one remedy. Destroy the queen of the poor colony and all queen cells found in it, and give a new queen or a queen cell with egg or larva in it from a better colony. Then destroy every drone comb in such hives, that the queen may not mate with them, for they may probably have the same faults as their inheritance as the other bees, and the power to transmit it as well as the queen. No matter if you know that the colony was weakened by neglect to keep warm last winter, or by being short of stores. If the queen does not rapidly remedy the trouble by rearing a new and large brood when the bees are well fed, follow the same plan. If the condition of such a colony is learned in the spring, the better way is to break it up, and give the bees to other colonies, where they may work out the short term of their existence.

As was said at the beekeepers' convention at Ontario last winter, to be good honey producers, the colony must be industrious, numerous, of the right age at the right time, long lived and long tongued. This depends upon the queen to a very large extent, while we do not know to what extent it depends upon the queen that was the parent of the drone she met in her flight. When all are good queens, there will be no drones but of good blood, and beekeepers are beginning to consider this; so that we may expect by and by to see advertised young queens for sale from a colony that has established a record, with a statement also of the record of the whole apiary.

**GIVE THE BEES STORAGE ROOM.**—Keep removing the honey from the surplus boxes just as fast as it is completed. Do not allow it to remain until the bees have filled all space, and have no more room. Add supers as the bees need them, but ordinarily two supers will answer, except in extremely strong colonies, where three or more may be used. One super of twenty four sections is enough for weak colonies, but at this time of the year they soon get strong, and in a week's time they will be ready for two supers. The empty supers should be placed next the brood chamber and the filled one on top, and thus several may be stacked up, but it is best to take off all sections completed, and fill up with empties, mixing them up with the partly filled ones. If a colony that has a lot of partly filled sections in it, swarms, follow the swarm with its sections, for they will do more work at storing honey in them than in the old hive. The work of removing the sections of honey can be done more rapidly by opening the supers while on the hives, and with a little smoke and a brush, the sections can easily be taken out one by one, and replaced by others. The work can be done in the time it would take to get the bees all out of the supers and away from the hives.—Colman's Rural World.



**WISE AND OTHERWISE.****Much Sarcasm, Mingled With a  
Vein of Pleasant Humor.**

BY M. BROWN.

EDITOR SOUTHLAND QUEEN:

DEAR SIR.—Being a new member of the Beehive and having read bee literature going on three years, I have many times enjoyed the controversies, the stings, and how they “zip” it to one another, and without the least provocation. It is natural for the creatures to laugh and enjoy it when the other fellows get it “zipped” to ’em. It is really amusing, and it is getting so bad that they will hardly let a fellow get up and say his piece without getting into his wool and sock it right into him from every quarter, and I see that some of them will not get up to say their piece without being veiled, and primed smoker in hand. Bro. Miller, that’s no good with them creatures, they will get into your clothes and make you drop your primed smoker on the ground for the use of both your hands to keep them out of your wool, and let me tell you, them creatures down here in the south, just don’t care for better sport than a yankee dance, especially when they can catch one with a primed smoker, gloved hands and veiled face. But you come down

here without these precautions, and the bees will be just as gentle as any you have ever seen, and you need only to be careful to keep your yakee stick out of their nest.

Well Mr. Editor, there is much being said and written on “long-tongues” and quite a number have actually gone to work to produce them, and we already have queens valued at \$200, (tongue value of course;) a fakir without a good sized tongue could not succeed, any how he would not be very prosperous, hence a long tongue is a good thing in more than one way, and it seems to me, that some of our scientific queen breeders, are making fairly good progress in producing long tongues in their own glib, as well as in bees. But why don’t they take a short cut towards producing a real genuine, long reach, they say that nearly everything is possible. I am no scientist, but I am satisfied that enormous advances have been made by scientific manipulation, and we are certainly not at the end of scientific progress. Now it seems to me that if such a queen as the Root \$200 one, was crossed with the humming bird, the climax would be capped at once, and there is no doubt \$5,000 queens would soon be advertised, and would that not be a perfect success.

I could suggest another cross



that could not fail of producing a "long tongue" reach, which if somebody's \$200 queen was crossed with an Arkansas mosquito, so called "skeeter" which is a native of a certain locality in this state, which has a tongue-reach of about one-inch and a-half, I am not dead sure but he can stand on the outside wall of an Arkansas box house, and through the joints of the wall he can draw blood from one being in bed on the inside. Now, gentlemen, don't you believe that queens produced by either of the aforesaid crosses would actually liberate the strings of the American bee-keepers' pocketbook to such an extent that millions would flow into the pockets of long tongued queen breeders? I would invest myself, in such a stock, and I am only a novice.

Mr. Editor, I want to ask, before I close, some of your Beehive to tell me why my bees do not swarm? I started three years ago with seven colonies and have now only twenty-four and have as yet got but one single, small swarm in the three year's time. I have the native American bee, two colonies crossed with Italians, and two fancy five banded, and I will remark that I much prefer the natives; in the first place, they store honey in supers earlier than the others, are better mechanics and

keep their feet cleaner than the others.

Little Rock, Ark., July 22, 1901.

## No Trusts or Reorganization Needed.

BY PORTER A. M. FEATHERS.

[SPECIAL FOR THE QUEEN.]

I have just been reading several articles regarding "chunk" comb honey, and one especially, do I notice; a few numbers back in the "Progressive Bee Keeper." Bro. Aikin stands firm, but I fear he is wrong. Bro. Doolittle opposes and gives a good reply, and one cannot help taking sides with him, for I think he is speaking from a sincere heart, and besides I don't think he is talking to be heard for his many words, but believe he is right and has hit the nail on the head every time. Bro. Aiken seems to occupy a position in his articles of late, that I cannot refrain from saying, *look out there!*

If we, as bee keepers follow the teachings of the Bible, as we should in our happy pursuit, I want to ask; would we be right to oppress the poor, that we may gain more of this world's goods, as the dollar, is so often termed, that we may be recognized as great monopolies? No, indeed. Bro. Doolittle is right and I admire his stand, for a mo-



nopoly cannot be right, its principles are wrong.

Does not the Bible command in emphatic terms: "*Help thy brother?*" Now, which would it be, helping the poor class and thus uplifting them before the world, or severing them from their rights as free citizens? I claim that direct legislation is right, and no monopoly. Brother bee-keepers, our voice should ring out as the bell of liberty did when its chimes were peeling forth the glad tidings of liberty and independence. Speak out, and combine not as a monopoly in the way of honey trusts, but give and allow all people equal rights and bind not the fetters of oppression to the labors of our union.

I am by no means a small honey producer, and I feel honest in speaking as I do. If we get a fair yield of honey and thus realize the usual average price, it amounts to enough. I am not in favor of a combine, or forming of a trust and thus cause the poor wage earner to stand off and say: "The bee-keepers are a combine like the standard oil company, so I, having not this price, cannot buy." It not only deprives them of sociability, but it takes from them their privileges as free people. Remember, God's word will stand now and always, and He will not see us depress the poor.

When we organize, so as to put the price of honey up, we disobey God's commandments and sooner or later His right hand will be against us and we will regret it when it is too late, if not this side of eternity!

Let us allow all to share alike, for God had no respect of persons at the creation of the world, and say, so and so can have bees, but gave them unto all mankind, every where, and He did not want, or will He have, one man over another.

I am with Bro. Doolittle and others, and stand on the same ground. If we, as bee-keepers, want success, we must not try to oppress any. Better lend a helping hand, rather than go into a combine and thus run the price of honey up. I will add that I am a common, every day man for right to one and all common people as to their rights. My desire is, and always will be, to help, and not the reverse, so bee-keepers, lets consider what we are doing, this world is corrupt enough without bee-keepers forming a monopoly or any other combine. Better lighten the load, and it will add in another world, a star in our crowns.

I believe it is generally understood that the bee-keeper's motto is, "Sociability, Equal Pleasure and Rights to All." If, however, we do as Bro. A. says, I don't be-



lieve it would be carrying out our motto. One thought more. Suppose you was the buyer and honey was to go up, and you liked it ever so much, if you had not the price, how would you feel? Your desire however so great could not be supplied with that which God has made free.

Remember then, to place yourself as the buyer and don't crave for monopoly. I mean this to all bee-keepers who cry: "Let us reorganize in a honey trust.

Volasia Co., Fla. July 21, 1901.

### Poor Honey Season.

Cotton Bloom as a Honey Producer—

Sugar Yams as Food for Bees—Considers it Rather Expensive Diet.

BY O. M. BLANTON.

THE JENNIE ATCHLEY CO.—Your letter and the two sample copies of "THE SOUTHLAND QUEEN" came duly to hand, also Holy land queen, and she is laying splendidly. Suppose my regular "SOUTHLAND QUEEN" will come to hand in good time.

This is the worst season ever known here, have only taken off up to date fifteen gallons from one hundred colonies, and really ought not to have done that.

I see some of your Texas bee-keepers speak of cotton as a honey plant, as such I consider it as of

scarcely any value; have never seen a bee inside of the bloom; have seen them working on a viscid substance excreted from the enveloping leaves of the bloom.

A Texas bee-keeper, (sorry I misplaced his letter and forgot his name) wrote me a letter saying a friend of mine said I fed my bees on sugar yam potatoes, which was something new to me, as I wrote. After cross-questioning my friend, he said in Alabama he knew a bee keeper to quarter sugar yam potatoes and place them before the hives and the bees fed on the juice. Very possible, but quite an expensive feed. It might be tried in the fall, when the market was glutted with such esculents.

May some day write an article for you if agreeable. Yours truly,

O. M. BLANTON.

Greenville, Miss. July 14, 1901.

We will be glad to have that article at any time doctor.

Following is a paragraph from a paper read by Dr. Mary Walker on "Bee Keeping."

There are about ten people in about Duluth that keep bees. I asked the head of a family who had kept bees for twenty years—a widow—if it paid, she replied, "I have paid off the mortgage on the farm, sent the children to school and one through business college, and built a kitchen to the house, and all I've had to do it with has been my sixty-nine colonies of bees."



## The Dead Bee.

Alice Lena Cole, in "Century."

Dead among the dewy clover  
Lies a bonny little rover  
Who could shape his course afar  
Without compass, without star.

Nevermore across the azure  
Shall he sail in search of treasure;  
Nevermore when day is gone,  
Home shall hie his galleon.

From the jonquil's golden chalice,  
And the lily's ivory palace,  
And the violet's divine  
Cups of white and purple wine.

Smile, smile on, thou faithless summer,  
To forget thine early comer.  
Say, if thou hadst first departed,  
Had he still been merry hearted?

On the boughs in rapture swinging,  
Gleefully the birds are singing,  
I, who mourn thee little bee,  
Will pronounce thine elegy.

Be it meetness or unmeetness,  
Thou didst garner up life's sweetness,  
Wiser than the sages wist;  
Earth has one less optimist.

Bees ward off disease by cleaning out their hives. It is a pity but men would profit by their example.

## OUR SCHOOL.

Mrs. JENNIE ATCHLEY,  
INSTRUCTOR.



San Antonio, Texas, July 25, 1901.  
Four of my colonies are black bees

which I wish to re-queen, I also have one colony that seems to be Italians. The queen is of a yellowish color. Then there is one colony, the queen a daughter of the yellow queen, but the bees are not so yellow. What do you think of it, and should I re-queen these yellow colonies at the same time I do the black colonies? Do you think it would be practical to introduce three bands in a few colonies, and some Goldens and Carniolans, so that the different breeds would mix in course of time, and make me a good strain of bees?

OTTO SUELLENFUSS.

Friend S.—We would advise that you re-queen the black colony, and if the yellow colonies are good honey gatherers and the queens prolific, let them alone. Too many bee-keepers make mistakes in trying to keep each and every colony in their yards strictly pure in color and thus make their profits less. If your yellow colonies are even good hybrids, and you expect to run for honey, and do not rear queens for sale, you will likely produce just as much honey with them, as if they were *all pure*.

The crosses you speak of are among the most important questions the *real* honey producer can think over, as this is the point we have been laboring over for years, and today we have a strain of bees that are far superior to anything we ever had, for honey gathering or for anything else.



THE JENNIE ATCHLEY CO.:

I noticed several years ago something you said about keeping over several laying queens possible in the same hive, do you know of any way to winter over, or keep more than one queen to the hive, for any length of time? I have been trying Swarthmore's plan of keeping a large number of queens to the hive but I find it like his other precepts, not practicable. If you can give me any information, it will be thankfully received.

I am increasing my nucleus and think the L frame most too large, what, in your opinion, is the best size? Do you use the L frame? If so, and you was going to start new again, what size would you use?

W. J. FOREHAND.

Fort Deposit, Ala., July 25, 1901.

Friend F.—We have succeeded in keeping from two to six queens in a colony by caging them on the combs so the bees could feed the queens, and allow one queen to run loose, then one can cage them as needed, but do not think this will ever become practical. One way we have carried over quite a lot of queens was by queen excluding division boards, say about three to four to each ten frame brood chamber, and allow a laying queen to run loose on her two combs and the bees commingled the same as one colony, but in a mild climate, such as Florida, we rather think it would be better to winter over surplus queens in nuclei, and to prevent the little colonies from swarming out, use queen excluding zinc over entrance.

We have kept queens over in many ways, but the nuclei plan has given us the best satisfaction.

If we were only rearing queens, and did not ship nuclei, we would rather use a frame just half the size of the standard L frame, we would just make the frames half as long and as deep as the standard. We have got enough of the little shallow frames, or half depth frames, and do not care to ever use them again.

For the convenience of handling and interchanging, also for filling orders for nuclei, we prefer to have *all* frames uniform.

Opinions differ along this line, but it is from experience we speak and for a warm open locality the year round, we are using the standard L frame for *all* purposes.

### Interrogatories Propounded

DEAR SIR:—Will you please inform me in reference to bees as follows:

What is your price per colony for best grade of stock?

What varieties of honey are made in your section?

At what time does the season open each year?

Which of the counties in south western Texas is best adapted to the industry?

How many hives can one intelligent, industrious man attend successfully?

Any other information will be gladly received. Should I decide to launch into the business I shall make a visit to your place. Very respectfully,



We sell bees at \$5.00 per colony. Produce three kinds of fine honey in this locality, Cats-claw, Mesquite and Wahea, all three of these honeys are first class.

Our season opens about March first and ends November thirtieth, as a rule.

Any of the counties in southwest Texas tributary to the Pacific coast, from Port Lavaca to El Paso, Texas, is good for bees.

It would depend on many things as to how many colonies one man could work profitably, but a level headed, sober and industrious young man ought to take care of two hundred colonies of bees in south Texas, with but little assistance, and that at harvest time.

Any other information wanted, we will gladly give through the columns of this paper.

---

JENNIE ATCHLEY CO.—Please tell me how you form nuclei, and introduce queens? Respectfully, E. CLIFFORD, Spotswood, Va., July 16, 1901.

---

Friend C.—There are a great many ways to form nuclei. One of the quickest as well as one of the best ways, is to go to your strong colonies and draw from the brood nest a comb of bees and brood and place in a nucleus hive, and keep it closed up three days. Keep the nuclei in the shade. After three days place out on

stands and introduce your cells or queens. Add another frame of brood from time to time until you build the nuclei up to full colonies.

You can form as many nuclei in this way as you have full colonies and not cause any perceptible damage to your full colonies.

As to introducing queens, we have full printed directions that go out with all queens sent out. As we do not know that you have seen these directions, we give them as follows:

As soon as you are ready, take the paper covering, cork or other material that covers the candy on rear end of cage off, and lay the cage on the frames, on in some nook about the inside of the hive, and the bees in the cage will consume food towards getting out, and the bees in the hive will take the food toward the queen in the cage, and in two to three days the job will be completed, and the queen will walk out and be at home. If you are removing old queens and introducing new ones, take out the old and introduce the new queen at one and the same operation.

---

JENNIE ATCHLEY CO.:—I am a beginner in the bee business, and am in trouble over one of my oldest and largest hives. That hive is full from top to bottom with honey, mostly all sealed, and there is not a sign of eggs, brood or anything else in it except a very large lot of old bees. No



sign of a queen and I have looked it over very carefully twice lately.

That hive has had no young bees since it sent out a swarm last May, a year ago. It made me three supers of fine honey last year after the young swarm left it. I put a super into it a month ago, and they refuse to store any honey in the super so far, or even to go up into the super. What shall I do with that colony?

I wish to take your SOUTHLAND QUEEN, and enclose a money order for one year's subscription for it, and if you still give a queen as a premium, and think I can introduce one to the hive above referred to, you may send a queen immediately, and any advice you may deem necessary in regard to my colonies being so full of honey and old bees with no eggs, brood, or any other sign of having a queen with them.

I am taking two bee journals, and also have Longstreet, Cook, and ABC in Bee Culture, but neither of them says anything about the condition my hive is in. I have eight colonies of bees, and only two of them have swarmed so far, and the others are storing in supers very nicely.

We are in the midst of a severe drouth of long duration and everything here is drying up except cotton and it is blooming and growing very well, and our bees are doing very well since cotton came into bloom. Very respectfully,

R. P. DAVIES, M. D.

Petty, Texas, July 23, 1901.

**FRIEND DAVIES**—From the evidence you give, we are led to believe that your hive or colony has superseded its queen, and if the young queen did not get lost, your colony will be all right. Anyway, the proper thing to do is to give that colony a frame of unsealed brood from some other colony, and

if they are queenless, they will start queen cells. If they should have a crippled queen, or a drone layer, it will be necessary for you to find and kill her, then the colony will raise a queen, or what would be better, introduce a young, laying queen which will save your colony.

**FRIEND BROWN:** Station B. Little Rock, Arkansas.

The reason your bees do not swarm, is likely on account of the failure of nectar, it not being in quantity sufficient to stimulate brood rearing, or else you have poor queens. Some times large hives and plenty of room will tend to keep down swarming, but we think that in your case it is a lack of sufficient honey to bring about the conditions necessary to produce swarming.

## SAN ANTONIO INTERNATIONAL FAIR

**OPENS OCTOBER 19,**

**Closes October 30, 1901.**

# Wanted:

WE WANT  
YOUR  
HONEY,  
AND  
WILL  
PAY CASH  
FOR SAME.

We want both Comb and Extracted Honey, [especially do we want the Bulk Comb.]

If you have Honey for sale, let us know the amount, the kind, how put up, and what you want for it. **SEND US A SAMPLE.** It will pay you to correspond with us as we are one of the largest Honey firms in the country. Reference given to those with whom we have had no dealings. **LET US HAVE YOUR BUSINESS.**

**O. P. HYDE & SON,**  
Hutto, Williamson Co., Texas.



# THE SOUTHLAND QUEEN.

PUBLISHED MONTHLY.

E. J. ATCHLEY, - - Editor and Business M'g'r.

..ASSISTED BY..

WILLIE, CHARLIE AND AMANDA ATCHLEY.

MRS. JENNIE ATCHLEY, Editress and Manager  
of School for Beginners.

Entered at the Post Office at Beeville, Texas, for  
transmission through the mails at second class rates.

BEEVILLE, TEXAS, AUGUST 1901.

## Terms of Subscription.

One year, in advance, - -	\$1.00
Three months, trial trip, - -	.25
Three back numbers, all different, .10	

Postage Extra, (24 cents) on all foreign  
subscriptions except Canada and Mexico.

## Advertising Rates.

One inch, one time, - -	\$ 1.00
" " " year, - -	10.00

An X opposite your address signifies that your subscription has expired, and when date is also given it indicates that you are indebted to us from that date to this issue. If you desire your paper discontinued, drop us a note to that effect, or we will continue to send the paper.

## General Instructions.

Send money by registered mail, P. O. order, express money order or by bank draft. Do not send private check under any circumstances. One and two cent stamps will be accepted for amounts under one dollar—must be in good order. Our international money order office is Beeville, Texas, and all remittances from foreign countries must be made through that office.

Address all communications to

THE JENNIE ATCHLEY COMPANY,  
Beeville, Bee Co., Texas.

Bees wax has declined, after this date we can pay but 25c in trade for wax delivered in Beeville.

We will move our printing office, and the SOUTHLAND QUEEN will be printed right in Beeville after August issue.

The editor has been real sick about two weeks, beginning July 5th, but he is able to be up once more, though not entirely recovered yet.

Notice the photos in this issue of Porter H. M. Feathers and his better eleven-tenths, who helps him with his bees. He resides at Oak Hill, Florida, and his apiary is a model one.

The San Antonio Fair, is promising to be the best since it was organized. Note their "ad" in this issue, giving the opening and closing dates. We have procured space, and will try to have an exhibit—Bee Supplies, Honey, Bees, Queens, Wax &c,

Mr. Udo Topperwein, of Leon Springs, Texas, is making a strong effort to establish a good and permanent market for Extracted Honey. He is going to visit some of the large northeastern honey dealers this fall, and he desires samples of different honey to carry with him. Let us all lend Bro. Topperwein our assistance, and cooperate with him in this all important matter.



The "South Texas Beekeepers' Association," met at College Station, July 23rd, in connection with the "Central Texas Association" and transacted its legal business.

Officers for the coming year: E. J. Atchley, president; W. O. Victor, vice-president; W. H. Laws, secretary.

The next meeting is to be held at Beeville, Texas, on the first Wednesday and Thursday in September, 1902. The "North," or "Texas State Association," was also represented in the person of its First Vice President, J. M. Hagood, of Enloe, Texas.

The three associations took up the regular programme of the "Central Texas Association" and full proceedings will appear in the September No. of THE SOUTHLAND QUEEN.

We had a very fine meeting and all enjoyed ourselves immensely. Will say more of the meeting elsewhere.

We will have our new store in Beeville completed by the 15th of August, and we will try to be set up for business by September 1st. Will have our Telephone Exchange and Switch Board in rear of store, where we may be called up at any time, day or night. We will also carry in connection with Bee Supplies, Groceries and Ranch Sup-

plies. We shall try to be ready with a Ware House sufficient to handle all the honey in this locality by the opening of another season. Expect to handle a great many Household Conveniences, which we will list in our catalogue soon, for the convenience of our customers residing away out from railroad towns, you can get your goods by freight, express, or mail, along with other goods, which will make it very convenient for you.

We the editor, and "Nick," (not old nick,) one of our sons, left for the "Farmers' Congress," Monday, July, 22nd, and reached Houston on the evening of the same day, a distance of about two hundred miles; on the morning of the 23rd, we boarded the first north bound train for College Station, reaching that place about nine o'clock, a. m., a distance of about sixty miles, north from Houston. We found a jolly crowd of beekeepers awaiting us, and as soon as we stepped off the cars, we met F. L. Aten, M. M. Faust, W. O. Victor, G. F. Davidson and a great many others. We at once proceeded to the college buildings and found Louis Scholl and H. H. Hyde, busy, arranging their exhibits, also Udo Taepperwein, and G. F. Davidson had fine exhibits. We were shown into the exhibit room of Williamson county



and that jolly beekeeper, J. B. Salyer, pointed out to us his exhibit of fine honey and wax. He was very busy, and was ever ready to tell people to look upon the products of his county, and it was indeed fine.

The premiums and prizes that were awarded the exhibits will be given in September No., as they belong in the report of the proceedings, and would be out of place here. Never saw a more energetic set of workers than were the exhibitors and each exhibit was arranged on separate tables.

We were not able to carry any exhibits on account of sickness, as the writer rolled off of a sick bed to attend the meeting and was sick on arriving at College Station, but soon recuperated and was able to take part and do a little towards handling the subjects assigned him.

The management of the A. & M. College had us all snugly cared for, as there was ample room for the large crowd, of about five hundred persons, and yet there was room for more. Great credit is due Professors Connell, Pittuck and Mally for the manner in which they so gracefully and charmingly entertained and managed the whole affair. On our way home we had a regular bee convention, as usual,

as we had D. C. Milam, of Uvalde, W. O. Victor of Wharton, T. J. Adams of Velasco, and others. Arriving at Houston, the writer, E. J. Atchley, N. Atchley, W. O. Victor, T. J. Adams, and Mr. McManus, soon found lodging, and at once proceeded to a restaurant to procure our suppers. After supper we visited the "Y. M. C. A. hall, and after they adjourned we were soon resting on our cots.

Rising early in the morning we rushed off to the restaurant for breakfast, arriving rather early. The fish we had for breakfast had been in Houston too long, and we were cheated out of red snapper and fish for breakfast. The manager let the writer out of paying for his snapper very easy, as likely he looked like he had not eaten much any way, being rather lank and slim on account of recent sickness, but when Mr. Victor put in the same plea, the manager turned his tune and wanted Mr. Victor to pay for his fish, as he had the appearance of a man that had consumed an immense amount of provender, which was right, as Mr. V. ordered other refreshments to take the place of the antiquated snapper, and right here let me tell you, there is more than a great deal in appearance in this world, but it is all the same, as we found out by two little news boys later on.



E. R. Jones has moved out of Beeville to a nice home on the Oakville and Mineral City road, two and a-half miles west of Beeville. He is well pleased with his returns from his bees this year.

We are now beginning to prepare for queen rearing, taking the preliminary steps with that object in view, heavy for September October and November, as we are soon looking for cooler weather, and with a few showers we usually have a second spring time for the bees, from September to December.

W. H. Laws has purchased a house and lot, just across the street from our factory, and is moving in today, August 7th. We welcome Bro. L. and family into our midst, and trust that they may be pleased with their new location. He is contemplating a trip soon to his old home in Arkansas.

Mr. E. J. Atchley, the chief of staff of the editorial department, of "THE QUEEN" is absent, looking after the welfare of the bees in one of his pastures or ranges in Live Oak county, he will possibly return tomorrow, (the 8th.) Mr. Charles Atchley is overwhelmed with business at the factory; Mr. N. Atchley accompanied the chief, and is doubtless looking after some of the telephone lines; Have just heard from Mr. Willie Atchley at

Denison, Texas. He says he will be at home in a few days again and at his post. He carried a shipment of honey and had no trouble in disposing of it readily. There is no telling how much good bulk comb honey we could sell, if we could only get it. Our sales will reach 150,000 lbs this year, and we could have sold ten times as much if we could have procured it. "Hurrah for bulk comb honey."

As the September No. of THE SOUTHLAND QUEEN will contain a voluminous write up of the proceedings at College Station, where somewhere near five hundred men, some of whom have devoted a great portion of their lives to the study of how to handle bees and increase their honey producing capacity and at that meeting communicated to each other various experiences in the science of apiculture, their various *modus operandi* in caring for and improving "the little busy bee," and also in the construction of hives and all the essential paraphernalia pertaining thereto, we would respectfully suggest that the present is the time to subscribe for "THE SOUTHLAND QUEEN. Few of our farmers and ranchmen but keep a few bees, enough to supply their tables with one of the greatest luxuries of life, nourishing and health sustaining,



and of infinite value in many ways. The demand for honey is immense and is increasing and as a money crop will far excel anything that occurs to us at the present and with less labor and uncertainty. Subscribe for "THE SOUTHLAND QUEEN," read and profit by the experience of others and reap a golden harvest.

There is no time like the present for subscribing to, or placing an "ad" in THE SOUTHLAND QUEEN. Its circulation is rapidly increasing.

We helped Bro. W. H. Laws fill an order for about \$600 worth of nuclei, to be shipped to Utah. We sent fifty nuclei.

We have pushed out our August No. of THE QUEEN a little early, on account of moving to our new quarters, and get "set upright" for the September issue.

Some portions of our county had a good rain on the 8th inst. but none fell at any of our apiaries. We are beginning to need rain to produce a fall crop of flowers.

We have just received a letter from Louis Scholl, secretary of the Texas Beekeeper's Association, that he cannot possibly get the report in for this issue, but we will begin the report in our September, and likely finish it in our October edition of THE SOUTHLAND QUEEN

It is the intention of the management of this journal to make some improvement in it after getting moved.

We are in receipt of the Australia Bee Bulletin, a monthly Journal, devoted to bee-keeping, edited and published by E. Tipper. It is gotten up in creditable style and contains an abundance of instructive reading matter.

Lemonade sweetened with sugar almost invariably has a tendency to increase thirst instead of quenching it. Fix the beverage in the customary way, but use pure honey (extracted preferred.) This not only improves the quality of the lemonade, but will quench thirst, and make the drink more refreshing.

### **The Bass, Mole and Gopher Trap.**

Absolutely the very best Mole and Gopher Trap ever devised. It is a combined trap, either for Moles or Gophers. Full directions accompanying each trap. Ten for \$2.00, by mail prepaid.

S. G. WATKINS,  
Grizzly Flats, Cal. viii:niv

### **Honey-Cans For Sale.**

Low prices on large or small quantities.

Special prices on car-load lots.

**R. W. Rogers,**  
Hutto, Texas.

tf Please mention THE QUEEN.



# Red Clover Queens.



We have been telling you through our advertisements of the superior stock of Queens we are furnishing this year, and we have abundance of testimony from others corroborating our opinion. Look at the following, which is one of the numerous endorsements received regarding a colony from our place on the Exposition Grounds with a tested Red Clover Queen.

*Buffalo, New York, July 5th, 9101.*

*The Bees are working as I never saw them work before, and already there is over one hundred pounds of Honey in the Hive, and all from Clover. I am led to believe that long tongues and good working qualities go together*

OREL L. HERSHIZER

*Sup. N. Y. State Apiarian Exhibit, Agricultural Building,  
Pan-American Exhibition, Buffalo, N. Y.*

 | NOTICE THE DATE OF THIS LETTER. | 

## Prices of Red Clover Queens.

Gleanings in Bee Culture one Year and Untested Queen,	\$2.00
“ “ “ “ “ “ “ Tested “	4.00
“ “ “ “ “ “ “ Select Tested “	6.00

If you want something good you cannot do better than to order one of these Queens. All orders are filled promptly. No extra postage on these to foreign countries.

# THE A. I. ROOT Co., Medina, Ohio,



## F. F. Collins Co. San Antonio, Texas

Belting,  
Pulleys,  
Shafting,  
Hangers,  
Pipes,  
Fittings,  
Valves,  
Wind Mills,

Horse Powers,  
Well Machines,  
Hay Presses.

Boilers,  
Engines,  
Gasoline Engines

And General Machinery supplies.

F. F. COLLINS,  
Mfg. Co.,

San Antonio, Texas.

## NUCLEI FOR SALE.

One-frame, bees, brood and queen, \$1.75. Two-frame, \$2.50. Three-frame, \$3.00. Discount on larger lots. All queens from imported mothers. I will also sell full colonies. Write for prices.

**FRANK L. ATEN,**  
Round Rock, Texas.

7-9

Please mention THE QUEEN.

## New York Quotations.

The market for both extracted and comb honey is rather dull. We quote:—  
Fancy white comb, 15; No. 1, 14; No. 2, 12; Buckwheat, 10; Buckwheat extracted, 5½; Beeswax, 28.

FRANCIS H. LEGGETT & Co.,  
Franklin, West Broadway & Varick Sts.,  
Feb. 18, 1901. New York City.

## EVERYTHING NEEDED.

W. H. White, manufacturer of beekeepers' supplies. Catalogue and price list free. Make known to me your wants and let me make you an estimate.

Address, **W. H. White,**  
Blossom, Lamar Co., Texas.

## The Modern Farmer and Busy Bee.

Emerson Taylor Abbott Editor.

A LIVE UP TO DATE  
FARM JOURNAL,

With a  
General Farm Department, Dairy, Horticulture, Live-stock, Poultry, Bees, Veterinary, Home and General News.

Edited by one who has had practical experience in every department of farm work.

To introduce the paper to new readers, it will be sent, for a short time, to new subscribers, one year for 25c.

Sample Copies Free.

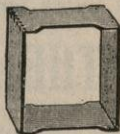
Best Advertising Medium in the Central West. Address

**MODERN FARMER,**  
St. Joseph, Mo.

Please mention THE QUEEN.

## BEEHIVES AND CONFY-BOXES,

in car lots—wholesale or retail. Now is the time to get prices. We are the people who manufacture strictly first-class goods and sell them at prices that defy competition. Write us today.



**Interstate Box & Manufacturing Co., Hudson, Wis.**



## VIRGINIA HOMES.

You learn all about Virginia lands, soil, water, climate, resources, products, fruits, berries, mode of cultivation, prices, etc., by reading the VIRGINIA FARMER. Send 10c. for three months' subscription to **Farmer Co., Emporia, Va.**

if Please mention THE QUEEN.

## WANTED---HONEY AND WAX.

If you have any bulk comb honey to offer write us and give prices wanted. We also buy extracted honey. When you have wax to sell you may ship it to us without notice and we will pay the market price of it or the ruling price here. Put your name on box or sack and tell us how much you send.

**The Jennie Atchley Co.,**  
Beeville, Texas.

# LARGE Apicultural Establishment

(Established in 1860)

for the Rearing and Export of queen bees

PURE SELECTED ITALIAN KIND

# Cav. Prof. PIETRO PILATI,

Via Mazzini No. 70,

Bologna, (Italy.)

### PRICE LIST

	March April May	June July August	September October November
1 tested Queen	Doll. 1.75	Doll. 1.25	Doll. 1.00
6 " Queens	" 9.25	" 7.00	" 5.75
12 " "	" 18.00	" 14.00	" 10.00

The ordination must be united with the payment which shall be effected by means of post-money-orders.

The addresses and the rail-way stations are desired exact, and in a clear hand writing.

If by chance a queen-bee dies upon the journey, it must be returned accompanied with a Post-Certificate and another queen-bee will be sent immediately in its stead.

We have been pleased with all the queens purchased from Prof. Pilati. Ed.

Please mention THE SOUTHLAND QUEEN in answering this advertisement.



# NOW IS THE — TIME TO ORDER.

---

Don't wait until your bees are

## Hanging on a Limb,

to order your hives and supplies,  
but order them now, and be  
ready for them when . . .

## They do Swarm.

---

### REMEMBER



That we carry a full line of Bee-Keepers' Supplies, and everything in the Bee-Keeper's line, such as Hives, Frames, Extractors, Smokers of all kinds, Foundation and anything you may want in the Bee line. Bees and Queens. Catalogue free. Read the following testimonial—such we are receiving:

TO WHOM IT MAY CONCERN:—I want to say, in justice to The Jennie Atchley Company, that I have been doing business with them for three years, having bought a number of queens from them, also a number of other articles, such as hive fixtures, swarm-catchers, smokers, bee-veils, etc., and everything has come up just as represented. I take pleasure in recommending them to any one who wants to purchase apiarian fixtures.

H. L. ROWLAND, Leo, Texas.

# The Jennie Atchley Company,

Beeville, Texas.



## Forced To Rise.

We have been forced to rise 10 per ct. on hives and frames for 1901. Lumber has advanced and the rise we have made is very slight considering the advance on lumber. All articles that we have advanced on will be mentioned in THE QUEEN and 1901 catalogue. Bees and queens remain as for 1900.

### 1901 Prices of Queens and bees.

#### CHEAP QUEENS AND COMPETITION.

We are often asked why we do not sell queens as cheap as Mr. so-and-so. To this we will say that we do not enter into competition with any one in the queen business. We think we have been in this business long enough to learn what is a "live and let live" price, and we think you will agree with us when you note our prices given below. We must place a guarantee upon all queens sent out, and we try to send nothing but good ones, and after all dead queens are replaced, cost of food, cage and mailing comes off there is only a small portion left for our work, and if we should sell queens at less than cost we fear we would not hold out another 22 years in the business. We try to send you value received when you order anything of us. Untested queens, either from imported Italian stock, Carniolan, Cyprian, Holyland, or our best 5 band strains, February, March, April and May, 1 dollar each, 5 dollars for 6 or 9 dollars per dozen. June to Nov. first, 75 cents each, \$4.25 for 6 or 8 dollars per dozen. Tested queens, three-band, \$1.50 each, of other races, \$2.00 each, at all seasons of the year. Fine breeders, from previous season's rearing, 5 dollars each. We will select you a queen from any race or strain for 50 cents extra to prices given. Bees by the pound, 1 dollar; 10 or more pounds, 90 cents for each pound, and untested queens to go with them, 75 cents each. If you wish a large lot of bees and queens write for wholesale prices.

**The Jennie Atchley Co.,**  
Beeville, Texas.

## Job Printing for Bee-Keepers.

Did you know that we are well fixed to do printing for bee-keepers? White wove envelopes, good and strong, also neat, printed \$2.00 for 500, or \$3.50 for 1000. Letter heads, same price. You pay express or postage, or they can be sent along with other goods. We get out cards, circulars and catalogues as cheap as the cheapest. Prices quoted on application, as we would have to know the size before we could make a true estimate. Give us some of your printing.

**The Jennie Atchley Co.,**  
Beeville, Texas.

## INCUBATOR ON TRIAL

### The Perfected Von Culin.

Successful result of 25 years' experience.  
Scientifically correct, practically perfect.  
Non-explosive metal lamps.  
Double and packed walls.  
Perfect regulation of heat and ventilation.  
Made of best materials, and highest quality  
of workmanship and finish.

**PRICES \$7.00 AND UP.**

SATISFACTION GUARANTEED OR NO PAY.  
We make Brooders, Bee Hives & Supplies.  
Catalog and Price List sent Free.

**THE W. T. FALCONER MFG. CO.,**  
Dept. 59, Jamestown, N.Y.



# APIARIAN SUPPLIES!

**LATEST IMPROVED HIVES, SECTIONS, COMB FOUNDATION, SHIPPING CASES, EXTRACTORS, BEES, QUEENS, and everything in BEE-KEEPERS' SUPPLIES. FIRST-CLASS GOODS.**

We are anxious to mail you our 28-page catalogue free, and surprise you at our very low prices before they go up.

Send 25 cts. for the AMATEUR BEE-KEEPER, a 70-page book, and "a gem for beginners."

**J. W. ROUSE & COMPANY,**  
**MEXICO, MO.**

6-8

Please mention "The Queen."

## Queens. ❀ QUEENS! ❀ QUEENS!!

FRIENDS:—I am now better prepared to supply you with queens and bees than ever before, as I have more bees now, and double my regular number of queen rearing yards. I can supply you with queens and bees of almost any kind, the different kinds of which I breed in separate yards, from six to twenty miles apart. Three banded Italians, five banded goldens, Holylands, Cyprians, Albinos and Carniolans. Untested queens of either race from now until further notice, 75 cts. each, \$4.25 for six, or \$8.00 per dozen. Tested queens, \$1.50 each. Fine breeders, from previous season's rearing, \$5.00 each.

**WILLIE ATCHLEY, Beeville, Texas.**





## Bee-Keepers Supplies For Texas.

To our many friends and patrons in the "Lone Star State" we wish to say that we have recently opened a Branch House, at Hutto, Williamson County, Texas, where we will keep almost a complete line of the best goods manufactured, and at prices to suit the purchaser. We have the good fortune to procure for the management of this Branch House, those veteran bee-keepers and queen-breeders, O. P. Hyde & Son, who will fill your orders with as much care as though you send them direct to us. Bee-keepers in Central and Southern Texas will do well to get our Texas prices before ordering elsewhere. Remember we will not be undersold or beaten in quality. Our goods are the best made. See what others say of them:—

Round Rock, Texas, Jan. 23rd, 1901.  
R. B. Leahy. Dear Friend:—I have received the 75 hives you shipped me and must say they are the best put up hives I ever saw; everything fits so nice, and such fine lumber too. I am also highly pleased with my foundation. Those "Higginsville" ventilated covers are "DAISIES." I would not exchange your goods for the — goods that are being offered here.  
Yours truly, FRANK L. ATEN.

Hutto, Texas, Jan. 11, 1901.  
Leahy Mfg. Co., Higginsville, Mo. Dear Sirs:—Received my supplies yesterday, 10th. I am well pleased with same, beyond my expectations; also foundation. It is the best L. R. Fdn. I ever saw or bought. You are right; it makes a fellow smile when he looks at it, and I think the bees will smile too.  
I am yours truly, HENRY SCHMIDT.

Floresville, Texas, Jan. 21, 1901.  
Leahy Mfg. Co., Higginsville, Mo. Gentlemen:—The car of goods you shipped me is O. K. Every appearance indicates that in their packing there was an eye single to having everything especially nice and correct. Have delivered some hives to James Bell, of Fairview, who reports having made up some, and states they are the nicest and most perfect made lot of hives he ever saw.  
Yours truly, M. M. FAUST.

## LEAHY MANUFACTURING CO.,

Hutto, Williamson Co., Texas,

and

Higginsville, Mo.

tf

Please mention THE SOUTHLAND QUEEN when answering this advertisement.

## Root's Bee-Supplies. ✱ Near Your Home.

I get Root's goods by the car load and can save you that freight. Thirty-six page catalogue free. Correspondence Solicited.

Udo Toepperwein, Leon Springs, Bexar, Co., Texas.







PRICES OF

# Bingham Perfect BEE Smokers and

Honey Knives

Patented 1878, 1882 and 1892.

Smoke engin { largest smok- }	Per Doz.	each
4-inch stove { er made }	\$13 00.	Mail, \$1 50
Doctor, 3½ inch stove	9 00.	" 1 10
Conqueror, 3 "	6 50.	" 1 00
Large, 2½ "	5 00.	" 90
Plain, 2 "	4 75.	" 70
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