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## **The progressive bee keeper. Vol. 4, No. 5 May 1, 1894**

Higginsville, Mo.: Leahy Manufacturing Company, May 1, 1894

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P94

MAY 1, 1894.



Entered at the postoffice, Higginsville, Mo., as second class matter.



## ADVERTISING RATES.

All advertisements will be inserted at the rate of 15 cents per line, Nonpareil space, each insertion; 12 lines of Nonpareil space make 1 inch. Discounts will be given as follows:

On 10 lines and upwards, 3 times, 5 per cent; 6 times, 15 per cent; 9 times, 25 per cent; 12 times, 35 per cent.

On 20 lines and upwards, 3 times, 10 per cent; 6 times, 20 per cent; 9 times, 30 per cent; 12 times, 40 per cent.

On 30 lines and upwards, 3 times, 20 per cent; 6 times, 30 per cent; 9 times, 40 per cent; 12 times, 50 per cent.

We reserve the right to refuse all advertisements that we consider of a questionable character.

## Golden Queens From Texas.

My bees can not be surpassed for business, beauty and gentleness. Safe arrival and satisfaction guaranteed. Untested queens - March, April and May - \$1 each. 50 Tested Queens for early orders, \$1.50 each. Order early. Send for price list. **J. D. GIVENS, Bx 3, Lisbon, Tex.**



### BARNES' Foot and Hand Power Machinery

This cut represents our Combined Circular and Scroll Saw, which is the best machine made for Bee Keepers' use in the construction of their Hives, Sections, Boxes, &c. Machines sent on trial. For catalogue, prices, &c. address

**W. F. & JOHN BARNES,**  
914 Ruby Street, Rockford, Ills.

## CLUBBING LIST.

We will send the Progressive Bee Keeper with

The Review.....	(\$1.00).....	\$1 30
Gleanings.....	1 00.....	1 30
American Bee Journal.....	1 00.....	1 30
Canadian Bee Journal.....	50.....	80
Apiculturist.....	.75.....	1 05
American Bee Keeper.....	.50.....	80
Success in Bee Culture.....	.50.....	80

Colman's Rural World.....	1.00.....	1.30
Journal of Agriculture.....	1.00.....	1.30
Kansas Farmer.....	1.00.....	1.30

## Bee Books.

No bee keeper can afford to be without a library of bee books. A book costing from fifty cents to one dollar is worth many hundreds of dollars to one who would succeed. Every beginner should have a book suitable for beginners, (one that will point out the road), and those more advanced will need something more scientific as a reference book. We will here give the names of such books as we recommend, and will be pleased to furnish you, sending them by mail at the following prices:

**The Amateur Bee Keeper**, (a gem for beginners), by Prof Rouse, price, 25c.

**Advanced Bee Culture**,—by W. Z. Hutchinson; price, 50c.

**A Year Among the Bees**,—by Dr. Miller; price, 50c.

**Manual of the Apiary**,—By Prof. A. J. Cook; price, \$1.25.

Address,

**LEAHY M'F'G. CO.,**  
Higginsville, Mo.

## UNION FAMILY SCALES.



**WE** HAVE frequent calls for a scale to weigh honey, etc., and we have now made arrangements to supply you with counter scales, with platform and tin scoop, made with steel bearings, brass beam, and nicely finished and ornamented. Will weigh correctly from one half ounce to 240 pounds.

PRICE—Boxed and delivered on cars only \$3.50; with double brass beams, \$4. Weight of above, boxed ready

to ship, about forty pounds.

These Scales can be shipped from here, and we can fill orders promptly, as we have a large stock on hand.

**Leahy M'f'g. Co.**

26 page Catalogue of Apiarian Supplies sent Free on Application.



# QUIGLEY'S SPECIALTIES.

## GOLDEN ITALIAN QUEENS:

My own strain of beautiful hustlers after honey. They are gentle and hardy. Four years of careful breeding and testing has shown them to be superior to nearly all others. These Queens are reared by a perfect method, that produces queens equal to and we think, superior to natural swarming. Purity, safe arrival and satisfaction guaranteed. Directions for introducing with every shipment.

## PRICE LIST OF QUEENS:

Queens from the south. Very fine. March and April, each, \$1.00.

One Warranted Queen, May to Nov. 1,	\$1 00	One tested Queen, May and June,	\$1 50
Six " " " "	5 00	One " " " " July to Nov. 1,	1 25
One doz. " " " June,	9 00	Select " " " " each,	2 50
One doz. " " " July to Nov. 1,	8 00	Breeding " " " " each,	6 00

## BEE SUPPLIES.

Everything needed in the apiary. First quality, at bottom prices. Send for price list.

## EGGS FOR HATCHING.

S. C. Brown Leghorns, Black Langshans, and Barred Plymouth Rocks. One dollar per 13; \$2.00 per 30. Choice stock. Strong and healthy. Orders booked and filled in rotation. Address,

E. F. QUIGLEY,

UNIONVILLE, MO.

S. E. MILLER.

1894.

G. H. MILLER.

**MILLER BROS.,**

Proprietors of the

**STAR APIARY.**

Our motto, Good Goods and Low Prices,

Breeders of

ITALIAN : BEES : AND : QUEENS,

Manufacturers of

Hives and Bee Keepers' Supplies,

Catalogue free. Address,

**Miller Brothers,**

**Montgomery Co. BLUFFTON, MO.**

Please mention the "Progressive."

**THE American Bee Journal,**

(Established 1861.)



Is Oldest, Largest, Best, Cheapest and the Only weekly Bee-Paper in all America. 32 pages. \$1.00 a year. Send for Free Sample.

**\$1.00 BEE-BOOK FREE**

**GEO. W. YORK & CO.,** 56 Fifth Ave., Chicago, Ill.

Please mention the "Progressive."

**Texas Reared Golden Italian Queens**

**BRED FOR BUSINESS AND BEAUTY.**

March, April and May, Untested, \$1.00; Tested, \$1.50. After, Untested, 75c.; Tested, \$1.00. Remit by P. O. Money Order, or Registered Letter. Price-List Free.

**W. H. WHITE,**

**DEPORT, TEX.**

Please mention the "Progressive."

**Canadian Bee Journal.**

A first class journal published in the interests of bee keepers exclusively. Monthly. Enlarged and improved. Sample copy free. Address,

**GOOLD, SHAPLEY, & MUIR CO.,**

**R. F. HOLTERMANN,** Publishers,  
Editor. { Brantford, Ont. Can

Please mention the "Progressive."



**YOU CAN HAVE**

**SUCCESS**

in Bee Culture a whole year; 10 strong eyes of Freeman potatoes (pure), and 10 packets of flower and vegetable seeds, for **40 CENTS** silver. This offer is made to boom our circulation.

Burton L. Sage, Highwood, Conn.



PURE, GENTLE,  
ITALIAN QUEENS,

BRED FOR BUSINESS.

Select Tested Italian Queen,	\$3.00
Tested "	2.00
Untested Italian Queen, Mar. & Apr.	\$1.00
" " " May & June	.90
" " " after July 1	.75

O. P. HYDE, LAMPASAS, TEX.

Please mention the "Progressive."

**HIVES!** *The "St. Joe,"*  
LATEST! CHEAPEST! BEST!  
We keep all kinds of BEE  
Supplies. Satisfaction guaranteed. Write  
for circular. E. T. ABBOTT, St. Joseph, Mo

Please mention the "Progressive."

DO NOT ORDER YOUR SECTIONS

until you get our prices on



The "Boss" One-Piece Section

—ALSO—

Dovetailed Hives, Foundation

AND OTHER SUPPLIES.

We are in better shape than ever to fill orders  
on short notice. Write for Price-List,

J. FORNCROOK & CO.,

WATERTOWN, Jeff. Co. Wis., January 1, 1894.

Please mention the "Progressive."

1860. *Queens,* 1894:  
*Queens!*

Leather-colored and Golden Italian  
Queens and Bees.

Golden Carniolans, a strain of beautiful,  
yellow-banded bees; docile, indus-  
trious and hardy bees.

Our 28-page catalogue and copy of  
AMERICAN APICULTURIST, mailed  
free. Queens, one dollar each.  
Satisfaction guaranteed.

HENRY ALLEY, WENHAM, MASS.

Please mention the "Progressive."

**BEE** SUPPLIES.  
Retail and  
Wholesale.

Everything used in the Api-  
ary. Greatest variety and Largest stock in  
the West. New catalogue, 70 illustrated pages  
free to Bee Keepers.

E. KRETCHMER, RED OAK, IA.

**CROSSMAN'S**

Beautiful Golden  
Queens

are bred from the very best five-  
banded stock and guaranteed to  
give you satisfaction.

Untested, \$1. each;  $\frac{1}{2}$  doz., \$5.  
\$9 per dozen.

Tested, \$1.50 each; Select Tested,  
\$2.50 each.

Send for Price List.

W. P. CROSSMAN,

Box 141, DALLAS, TEX.

Please mention the "Progressive."



Please mention the "Progressive."

QUIGLEY'S GOLDEN QUEENS

are bred for business. Send for Circular.

Address, E. F. QUIGLEY, Unionville, Mo.

Please mention the "Progressive."

Notice to

Missouri AND Kansas  
Bee Keepers.

I HAVE one of the largest and best  
equipped steam power factories in  
Southwest Missouri, devoted entirely to  
the manufacture of bee keepers'  
supplies.

Write at once for large illustrated  
Catalogue of Dovetailed Hives, Sec-  
tions, Frames, Supers, Separators,  
Foundation, Smokers; and, in fact,  
everything needed in the apiary. Cat-  
alogue free. Please mention the "Pro-  
gressive."

E. L. KINCAID,

WALKER, MO.

Please mention the "Progressive."



## A New Departure.

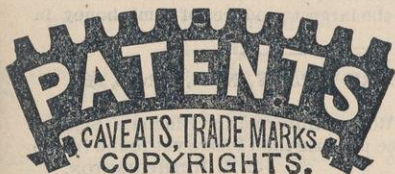
### The Bee Keepers' Quarterly

will be issued April 1, 1894, and be largely devoted to Editorial Review of Apicultural Literature. It will contain

not only all PRACTICAL METHODS of management and devices found in Bee Journals, but many points not published elsewhere. An EARNEST EFFORT will be made to eliminate the impractical theories and claims so often met with in Bee Literature, giving only PRACTICAL INFORMATION, which may invariably be relied upon. There are some Bee Keepers who are making a financial SUCCESS, even in these hard times, and to show you how they do it will be the "Quarterly's" mission. PRICE, 25 cents per year. Send address for free sample copy to

JAMES HEDDON, Dowagiac, Mich

Please mention the "Progressive."



**CAN I OBTAIN A PATENT?** For a prompt answer and an honest opinion, write to MUNN & CO., who have had nearly fifty years' experience in the patent business. Communications strictly confidential. A Handbook of Information concerning Patents and how to obtain them sent free. Also a catalogue of mechanical and scientific books sent free.

Patents taken through Munn & Co. receive special notice in the Scientific American, and thus are brought widely before the public without cost to the inventor. This splendid paper, issued weekly, elegantly illustrated, has by far the largest circulation of any scientific work in the world. \$3 a year. Sample copies sent free.

Building Edition, monthly, \$2.50 a year. Single copies, 25 cents. Every number contains beautiful plates, in colors, and photographs of new houses, with plans, enabling builders to show the latest designs and secure contracts. Address MUNN & CO., NEW YORK, 361 BROADWAY

Please mention the "Progressive."

### OUR SPECIALTY

#### "The Nebraska Bee Keeper."

A monthly journal devoted to the scientific care of bees, the rearing of queens, and the production of honey.

We have no pet hobbies to ride, and try to teach as we practice in our own apiary.

Subscription price, 50c per year. Sample copies free.

**STILSON & SONS,**  
York, Neb.

Please mention the "Progressive."

**25c** Send 25c and get a copy of the **AMATEUR BEE KEEPER**, a book especially for beginners. Address,

LEAHY M'F'G. CO., Higginsville, Mo.

## TESTED

Queens are usually sold for \$2.00. I will explain why I wish to sell a few at less than that. As most of my readers know, I requeen my apiary each spring with young

## QUEENS

From the South. This is done to do away with swarming. If done early enough it is usually successful. It will be seen that the queens displaced by these young queens are never more than a year old; in fact, they are fine tested Italian queens, RIGHT IN THEIR PRIME; yet in order that they may move off quickly, and thus make room for the untested queens, they will be sold for only

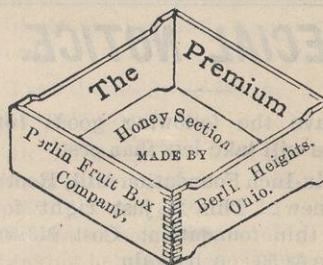
**\$1.00.**

Or I will send The Review for 1894, and one of these queens for only \$1.75. For \$2.00 I will send The Review, the queen, and the book, "Advanced Bee Culture." If any prefer the young laying queens from the South, they can have them instead of the tested queens, at the same price. A discount given on large orders for untested queens. Say how many are wanted and a price will be made.

**W. Z. Hutchinson, Flint, Mich.**

Please mention the "Progressive."

## Great Reduction in Prices.



We now sell our premium No. 1 one-piece sections at \$2.50 per M; No. 2, at \$1.50. A liberal discount will be made on larger orders. Dealers would do well to get our figures on Sections and Wood Separators, before buying elsewhere.

Berry boxes, baskets, and crates, of the most approved styles, at the lowest rates. Send for catalogue with reduced prices. Address as in cut above.

Please mention the "Progressive."

## PATENTS

Promptly secured. Trade-Marks, Copyrights and Labels registered. Twenty-five years experience. We report whether patent can be secured or not, free of charge. Our fee not due until patent is allowed. **32-page Book Free.** **H. B. WILLSON & CO.,** Attorneys at Law, Opp. U. S. Pat. Office. **WASHINGTON, D. C.**





**Bingham Perfect Smokers.**  
Cheapest and Best on Earth.  
Patented 1878, 1882 and 1892.

**Bingham & Hetherington Uncapping Knife.**



**Patented May 20, 1879.**

## Prices of Bingham Perfect Smokers

—AND—

## Bingham & Hetherington Honey Knives.

6 Doctors, 3½ inch.....\$7.00	1 per mail.....\$1.95	2 per mail, at one time.....\$3.50
6 Conquerors, 3 inch..... 6.00	1 " ..... 1.75	2 " " " ..... 3.00
6 Large, 2½ inch..... 4.50	1 " ..... 1.25	2 " " " ..... 2.25
6 Extra, 2 " ..... 3.75	1 " ..... 1.00	2 " " " ..... 1.90
6 Plain,* 2 " ..... 2.40	1 " ..... .70	2 " " " ..... 1.30
6 Wonders, 1¾ inch..... 2.50	1 " ..... .65	2 " " " ..... 1.20
6 Knives..... 4.50	1 " ..... 1.10	2 " " " ..... 2.10

\* The Plain does not have the Coiled Steel Wire Handle, neither the bent Cap for throwing the smoke at right angles. All the others have all our new improvements.

The movable bent Cap enables you to change a curved shot to a straight shot instantly, and vice versa, throws smoke downward without spilling ashes, adds durability and convenience, and is cheaply replaced, if injured. Sound, dry stove wood is the best fuel for Bingham Smokers. Below is a copy of a letter from the largest producer of comb honey in the world:

CHERRY VALLEY, N. Y., Feb. 15, 1894.

MESSRS. BINGHAM & HETHERINGTON:—

GENTLEMEN—I use the Bingham & Hetherington Honey Knife and the Bingham Smoker in my business because they are more effective for the purpose than I have yet found in the market.

J. E. HETHERINGTON.

**T. F. BINGHAM, - ABRONIA, MICH.**

Please mention the "Progressive" in answering this advertisement

## SPECIAL NOTICE.

We have the following goods for which we will take less than cost:

One Six-Inch Foundation Mill, Root's make, (new). This is just right for making thin foundation: Cost \$13.50; will take \$8.50. A bargain.

100 Simplicity hives.—These have Hoffman frames, and are packed five in a crate. Will sell at the following prices: No. 1, 85c each; No. 1E, 65c each; No. 2, \$1.10 each, and No. 2E, 90c each. These hives are ten-frame hives, and as the ten-frame hive is becoming so popular, they will go like hot cakes.

1300 No. 2 Sections, 4½x4½x7 to foot. We will take \$1 25 for the job lot.

**SOUTHERN QUEENS.**

We have had an unusually large trade in queens the past two weeks.

This no doubt is an indication that our queens gave satisfaction last season. We are still able to fill all orders promptly at the following prices:

Tested Queens, each.....\$1.50

Untested Queens, each..... 1.00

These queens are five-banded, bred for beauty and business. Don't you need some of them? If so, write for prices on large quantities.

## A Typewriter Free.

If you will send us ten new subscribers to the PROGRESSIVE BEE KEEPER, at 50 cts. each, we will send you, FREE postpaid, one Simplex Typewriter.

If you will send us five new subscribers, at 50c each, and \$1.25 extra, we will send you a Simplex Typewriter, postpaid.

Now, boys and girls, this is your chance to get a good Typewriter. Free.

See description of Typewriter on another page.

LEAHY M'FG. CO., HIGGINSVILLE, MO.



# The Progressive Bee Keeper.

A Journal Devoted to Bees, Honey and Kindred Industries

FIFTY CENTS A YEAR.

Published Monthly by Leahy Manufacturing Company

VOL. 4.

HIGGINSVILLE, MO., MAY 1, 1894.

No. 5

## AUNTIE BELLE.

BY WILL WARD MITCHELL.

**F**AR from here, within the cooling shade of  
elm and maple trees,  
Is a pleasant, cozy farmhouse, where the  
fragrant zephyrs play,  
Where the music of the springtime—song of  
birds and hum of bees,  
Rouses from her lengthened slumber blue-  
eyed, fresh-lipped, laughing May.  
In the orchard apple blossoms scent the sweet  
and balmy air,  
Vines with dark hued foliage clamber o'er the  
fence beside the well;  
And within the kitchen doorway is a face to  
me more fair  
Than all others, save my mother's, 'tis the  
face of Auntie Belle.

Great dark eyes of wondrous beauty light the  
happy, matron face,  
And a smile is ever nestled 'mid the roses in  
her cheeks;  
She is dowered with the blessing of a woman's  
truest grace,  
Kindness; and you note the music of her voice  
whene'er she speaks.  
As she stands within the shadows of the porch  
the wanton breeze  
Stirs to life each tiny leaflet as by some ma-  
gician's spell,  
Round that quiet little farmhouse nestling in  
a grove of trees,  
And the light, the joy, the blessing, of that  
home is Auntie Belle.

Auntie Belle, the years have vanished since I  
left the dear old place,  
Years of happiness, with sorrow intermingled  
here and there,  
Yet I never have forgotten your love-lighted  
tender face,  
Nor your kindness to the homeless; gentle  
words and watchful care;  
Lo! the summer sunlight glistens over each of  
us today,  
Round us breathes melodious music, while  
the birds their love-tales tell,  
And the bees in fragrant meadows toll beneath  
the skies of May,  
While afar the same sky arches o'er the home  
of Auntie Belle.

Higginsville, Mo., April 28, 1894.

## NOTES FROM THE STAR APIARY.

BY S. E. MILLER.

**T**HE weather is more favorable to  
the bees at present than it has  
been for some years past at this  
season, and the indications are  
that we will have good a season, but we  
will not "holler" until we are out of the  
woods.

I saw drones flying for the first time  
this spring April 14.

Dr. Miller seems to have a larger  
crop of straw than usual. He now takes  
up about three columns in Gleanings.  
Perhaps he has been holding it over,  
thinking he would need it later on, but  
since spring is well advanced, he can  
soon turn the cattle out to grass, and is  
therefore more liberal with his straw.

But just hear how the Dr. does cuss!  
He mentions something about a Scandi-  
navian poultry and bee journal, and  
then says, "Fjarkra-og Bi avl, I'm not  
going to read it."

I thought when the thick top bar  
Hoffman frame was adopted a few years  
ago that the spacing and top bar ques-  
tions were about settled, but it seems  
like someone said about chickens, the  
more you try to chase them from the



barn, the more determined they are to come back. If one was to try to have all the different kind of top bars and all the different spaces that are just exactly right in the minds of different bee keepers, what a mess he would have, and what a hustler he would have to be to make the changes as fast as they come up. Spacing is all the way from  $1\frac{1}{8}$  to  $1\frac{1}{2}$ , or over; and top bars,  $\frac{3}{8} \times 1\frac{1}{8}$  and  $x \times x$ —oh, my! it makes me dizzy to think about it. If our combs were all in Hoffman frames with top bars full one inch wide by  $\frac{3}{4}$  inch deep, and  $1\frac{1}{8}$  inch space. I am sure I would not complain because they were the one-hundredth part of an inch out of the way, one way or the other.

In a recent number of Gleanings, Karl Mathey tells of using bees for carrying messages, the experiments having been carried on by a Frenchman. Can't some Yankee train mosquitoes for this purpose?

There seems to be quite a difference of opinion as to the use of bee escapes. Some recommend them, and would not be without them, while others consider them of little if any use. Now I will tell you how to decide the question for yourself,

Try one or two, and if they are worth more to you in time and temper saved than they cost, get as many as needed, and if the one or two are not worth the price in your estimation, you are only a few cents out of pocket. Do not take the advice of those who have never used them.

About a year ago we sowed a pound of sweet clover seed in some waste places, and it made a fair growth last summer, and during the warm spell in March had grown eight to ten inches high when it was cut down by the severe freezing. It is now nearly a foot high again, and judging from the way it grows, it would be ahead of anything

I know of for spring pasture. We hope to see how the bees take to it the coming summer.

Under editorials in Gleanings I notice that reports show that bees are wintering and "spring"ing finely all over the country. What will the harvest be? is the next question that confronts us. Surely we of Missouri and other western states have a right to hope for a bountiful crop.

Our alsike clover seed that we sowed shortly before the hard freeze we fear is injured, but cannot tell yet, as it has scarcely had time to come up yet.

St. Louis quotes extracted honey as low as  $3\frac{1}{2}$  cents per pound in barrels. I consider this a disgrace to the city, but then it is only in line with the prices of other products that are generally lower there than anywhere else in the country.

Will producers never learn to keep their products out of the great market centers so far as it is in their power to do so. Comb honey is quoted at 10@13c on the same market, and yet people who live in St. Louis say they cannot purchase nice comb honey for less than 25c per pound, retail. Surely there must be a nice profit on honey for St. Louis merchants.

Bluffton, Mo.

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### WAYSIDE FRAGMENTS.

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BY SOMNAMBULIST.

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"All nature attuned celebrates spring's return,

And Hope rising out of the tomb  
Of our griefs and our losses, our doubts and our crosses,  
And Faith and Love scatter all gloom."

**I**T is no use to cry over spilled milk, but our bright prospects have gone under a cloud for the present," says E. T. Flanagan in the American Bee Journal. No, for "after



the 'bawl' " what then? To the youngster who has stubbed his toes, and fallen, we are ever ready enough to exclaim, "Jump up, Sonny, and try it again." And we are all our life learning this lesson, and oftentimes it seems not so very little either.

Don't you think if your prophecy in regard to March had been applied to April, you'd have been in better luck? In other words, more firmly established your reputation in the forecasting business? An old proverb has it: "April borrows three days from March, and they are ill." This year it has borrowed about two-thirds of its time from March. At least the cold, boisterous weather we usually expect then, we've had in the last thirty days, so that it really seems March and April have exchanged places. I understand I. R. Hicks has on the program for April 29 SNOW!!! Wonder if by dint of force or argument he couldn't be persuaded to change his business?

Isn't he a sort of "calamity howler" anyhow? Perhaps through the medium of his "Word and Works" he could found a new sect; and if it's renown he's after, satisfy his ambition by leading the same, and they might appropriately be denominated the Hicksites, and thus insure his fame to be handed down to future posterity. At all events he could find a large following in these parts, and as his disciples increase, so also do the chronic croakers.

"April and May are the keys of the year." is another old proverb, the truth of which, as regards bee keeping, cannot be questioned. Has assistance as yet been given the needy colonies? If not, do not longer neglect it. "Never put off until tomorrow that which can be done today," as the little boy remarked as he proceeded with agility to put himself on the outside of the contents of his mother's preserve jar.

He who has undertaken the combination of poultry and bee keeping has his head and hands full looking after the eggs, eggs, eggs, everywhere and of every description, from those of the queen bee, merest white specks, to the large and handsomely splotted turkey eggs.

Then there is the young which these chilly days need protection and the closest of care, often having to remain prisoners for from one-half to two or three days. Oh, how relieved both they and their keepers are when the welcome sunshine once more raises the siege. And when the keeper swings the "gates ajar" the fluffy, downy darlings "roll out, tumble out, any way to get out," much in the fashion of a mammoth swarm of bees. If one is possessed of no thermometer, when the bees begin to fly is the earliest moment permitting release.

During one of these trying times recently I sent home the following petition surmounted by glaring headlines.

"Great suffering among over 200 campers on the bleak bluffs one mile east. Contributions of bed clothing, rations, etc., urgently solicited."

I myself am camping, and consequently oftentimes on short allowances as regards many things, and I actually took the quilts and comforters from my own bed to put over the little houses in which my pets were domiciled. You may well guess the little camp presented quite a grotesque appearance, while I had to fire up all night to keep myself comfortably warm.

By the way, should you pass along the driveway below Riverview Apiary, and observe a forlorn-looking personage wandering listlessly and apparently aimlessly around, do not frighten yourself by imagining it some pitiable wretch from whom reason has parted company, for it's only Sammy rambling about searching for the turkey's stolen nest. But I sometimes think what with



the incessant jaupping of the hungry hordes around me, I shall go wild. Feed them, did you say? Ain't that just what I am doing "all the day long"? And when the sinking sun stretches a golden path across the placid waters, I oftentimes think I never before fully appreciated the opening lines of Gray's elegy:

"The curfew tolls the knell of parting day,  
The lowing herd winds slowly o'er the lea,  
The plowman homeward plods his weary way,  
And leaves the world to darkness and to me."

Though I confess to a love for the soft moonlight, bathed in which I sit at the open window, of balmy evenings, and listen to the whisperings of the gently-swaying grand old maples and elms.

But let me see. If I don't quit meandering away from bees towards poultry, etc., ye editor will bring me up with a sharp rap and want to know which I am endeavoring to furnish—bee, poultry, weather notes or what not? Beg pardon, but please remember 'tis said, "He who rides a hobby is lame in both feet."

Are you in any way interested in foundation? Don't fail to absorb the contents of the March Review. To express myself in the slang of the day "It's a daisy." Once in awhile it happens that a single number of any paper is worth a whole year's subscription, and the foundation number of the Review is one such.

By the way, wouldn't the "Advance" be a more appropriate name for Hutchinson's paper than the "Review"? And right here let me say all honor is due both he who christened the PROGRESSIVE and those who are working to make it prove true to name.

In the description of the "Review Apiary" we find the following:

"One objection to packing is that of the cost of the boxes or something to hold the packing material in position. Those that I used a year ago are certainly not open to that objection. They are made of celled shingles. First there is a rim or ring made of

cheaplumber sawed up to the right lengths and then split into pieces two inches wide. These frames are about four inches larger each way than the outside of a hive. To the inside of a ring or frame are nailed the shingles in an upright position, the frame coming about the middle of the lengthwise way of the shingles. A few of the shingles at one end are cut three or four inches short, their lower ends resting upon a 'bridge' placed upon that part of the bottom board that projects in front of the hive."

The Dadants use a sort of picket fence made of lath and wire, the lath woven between the wires just the same as in forming fence, for the same purpose, and on almost every farm there are odds and ends that might be utilized in and about the bee yard, were only a little ingenuity exercised.

Would you believe it? The discussion of the quality of the honey at the World's Fair in the American Bee Journal grew so very warm that the coolheaded Secor had to be called upon to quiet matters.

Demaree, in American Bee Journal, says the second fermentation, which nearly always takes place when evaporating their honey artificially, under the most favorable conditions *always* injures the texture and flavor of honey. "Them's my sentiments."

The poorer the times, the fatter the Gleanings. [Yes, Sommy, but if you will notice, the April 15th Gleanings devoted about ten pages to booming the supply business of A. I. Root, exclusive of the usual, "Ourselves and Our Neighbors" and High Pressure Gardening." Two more pages are used in describing an elevator by which bee keepers can get to the third story of their factories, (a boon to bee keepers), and another page explains how A. I. bounced a *book agent*. Yea, very fat. This reminds us of the Irishman who upon being asked why his pigs were so poor said he fattened them on butter-milk and pratie skins, and perhaps cream and praties would be better.—Ed]. As time is limited, I will stop



right here and take some of my unread bee journals, and go out under the hawthorn among whose waxen blossoms the bees are revelling in wild delight. The orchards are up to date on dress reform, for are they not full of bloomers?

Naptown, Dreamland.

### ODDS AND ENDS.

E. T. FLANAGAN.

The freeze of the 24th and 25th of March was a great drawback to the bees in this locality, followed as it was by loss of the fruit bloom. I never had bees in better condition or brood rearing progressing more favorably than when the cold snap came. I had some few colonies in fair condition, as to the number of bees, with abundance of honey, and two and three frames with brood, actually *freeze to death*, a thing I do not remember to have ever seen before. Some who say bees cannot freeze may doubt this, but it is true nevertheless.

Some feeding may have to be done before white clover comes, especially if it is desired to keep brood rearing up. Where honey locust and black locust abound, there may be no need of it, but there is in this locality outside of the above named sources of bloom, but little for the bees to forage on until the advent of white clover, and may it bloom soon, say I.

Heddon's Quarterly has made its appearance on time, as promised, and is characteristic of the man. I have always been an admirer of his teachings and methods of management as a bee keeper, and no less so personally, and I have never for a moment doubted that he could clear himself of the charges that have been made against him recently. And I firmly believe that if at the beginning of the reports he had come out in the bee journals with a

short, emphatic denial of the charges made, nine-tenths of the bee keepers of America would have taken his word for it, and he could afford to laugh at the others. While I am as much opposed to adulteration as any man can be, I fully agree with Messrs. Heddon and Hutchinson that the methods employed by some to stop it do more harm than good, and that our business is greatly injured "in the house of its friends," unwittingly, undesignedly, but injured all the same.

I am glad to see that some of our apiarian manufacturers are discarding the narrow tin rabbit to the eight and ten frame dovetailed hives. 'Tis a move in the right direction, as they were always a nuisance with me.

What will the harvest be? That is the all absorbing question now with both supply dealers and bee keepers. It is rather too early yet to make even a guess, but we all hope for the best. Hope is the sheet anchor of the bee keeper, and when that fails, he gives up for good.

We still have some good articles in the Review in regard to the Given foundation and many look for Messrs. Root to so improve the old form and lessen the cost that it can be given a trial again. I hope that they will succeed, but the little we hear from them is not encouraging.

Glad to see the likeness of Friend McEvoy, the champion foul brood slayer of Canada, in the American Bee Journal of April 19th. His method of treating foul brood is the best yet given in my opinion, and when followed to the letter must succeed. We have the promise of still another and better from M. M. Baldridge, and no doubt it will be a good one, as Friend B. is a very well posted, practical man. I trust I shall have no need of trying any of these methods, as I have had no foul brood in any of my apiaries for many years past.



Referring again to Heddon's Quarterly, I see that he strongly endorses the bicycle for use in going to out apiaries. He and Friend Root are agreed on this one point anyhow. Sorry he brought out the Review in the form he did. It is no doubt economical to do so, but how many will preserve the Quarterly in that shape? By the way, is it an advantage to save all our bee papers, or not? It takes time and labor to bind them and lots of room to store them, and when did you ever read one through that was over a year old? I admit they are valuable for reference as to what has been done and said in the past, but we are all so busy with the present that few of us have much time to review or refer to the past. Yet I cannot find the heart to destroy the papers that have given me both instruction and recreation. So I keep them, and will continue in all probability to keep every one of them, but that does not alter the question, Does it pay to keep them?

Belleville, Ills.

### A SUPER ADAPTABLE TO OPEN-SIDED SECTIONS.

J. F. SWARTZENDRUBER.

**I**N an editorial in the PROGRESSIVE for January, 1894, the editor states that he has always favored open-sided sections, but had never had a super that was satisfactory to use them, and then proposes to try them again with the scalloped wood separators. Now as I have been using open-sided sections for the last two seasons with much satisfaction, it may be in place for me to give you my reason and method in using them.

With the closed sided section and separators your super is divided in as many small apartments as you have sections, and the communication from one apartment to the other is so much cut off that bees work in them like

many church-members in church nowadays—only if they are obliged to do so.

Now in order to dispense with separators and give the bees a free communication from one apartment to the other, and at the same time obtain straight combs in the sections, I adopted the open-side sections, and I find to my great satisfaction that bees take up the work in the super more readily and build much straighter combs than they would under the same circumstances in the closed side section.

In the season of 1891 I first began to use the open-side sections in the dovetailed super with the section holders, which were then, as yet, so highly recommended by many as the best surplus arrangement. These were very good with closed-side sections, which need side pressure only, but with a rather uneven lot of open-side sections which I obtained at \$2.00 per thousand, I had a terrible mess of propolizing, and saw the necessity of a different super which all gives pressure at once.

The super I now use is very similar to the dovetailed super. The pattern slats which are used on the section holders are long enough to be nailed in a rabbet in the end board of the super, thus forming the bottom of a box. A follower and two wedges at each end take the place of the end piece of section holders with a follower and two wedges at the side the same as the dovetailed super. After the three followers and wedges are removed, the sections are found to be very loose and free from propolis, providing the sections are of uniform size.

I think the principal feature of the open-sided section—namely, the free communication to all apartments—is lost by using separators as proposed by the editor. The super as above described may have been tried and abandoned long ago, but if it has, I never saw it, nor read of it before.

Kalona, Iowa.



# MOVING BEES—SOME SUGGESTIONS IN REGARD TO THE COMING NORTH AMERICAN CONVENTION.

F. H. RICHARDSON.

**S**AMPLE copy of the PROGRESSIVE BEE KEEPER received O. K. Thanks. I am hard up just now as I have just stocked a 160 acre farm, but I will subscribe soon. A month ago, I moved my bees from Elliott, Mo., to this place, 60 miles by rail, and twelve over very rough roads. For the benefit of bee keepers, I will tell you how I did it. The bees are in Heddon hives, and I simply tied a piece of stout cord around each hive to hold it together, and tacked a strip of screen cloth across the entrances. They were then loaded in a sled with a foot of hay under them, and hauled four miles to the car. There I loaded them in, packed hay loosely around them, and filled the balance of that end of the car with bee supplies, piling them on top of the hives to the roof. When I had finished loading, I had bees, bee supplies, furniture, tools, a cow, a dog, and myself in that car, and was monarch of all I surveyed, but I nearly had to get on top of the cow to turn around. Arriving at the end of the railway journey, I unloaded the bees, got permission to set them in a man's yard and let them out. A week afterward I got a postal card to please come and get my bees as there were too many for him. I went down and loaded them into wagons with a foot of good loose timothy hay under them and packed them with hay tight. I then hauled them twelve miles over rough, frozen roads, and now I can look out of the window and see them coming in by the hundred with pollen and honey—yes, honey!—and every colony is in good shape. They are carrying pollen from maples, and must be getting honey from them, too. Some colonies are drawing the

comb out next the top bars nicely, which indicates that they are getting considerable nectar.

I see an article on page 72, March 1st PROGRESSIVE, by J. C. Stewart. and a foot-note by ye editor inviting suggestions concerning the national convention. It behooves Missouri bee keepers to see that this convention is made a grand affair. It is a disgrace to us that we were not represented at the World's Fair. Now let us try and retrieve ourselves. I would suggest that R. B. Leahy, E. F. Quigley, J. W. Rouse, or some other competent man, be requested to give a good write-up of Missouri apiarian interests, giving names of all bee keepers, number and kind of hives each one has, strain of bees, kind of pasturage, average production, etc.—in fact, a good, general write-up of Missouri. I would also endorse Bro. Stewart's suggestion that we try and induce the St. Joseph fair to give larger premiums this year, and if it can be done in no other way, I would suggest that we take up a collection among ourselves and add to regular premiums. I am certain, however, that if properly approached and assurance was given them that the bee keepers' convention would be held during the fair, there would be no trouble in inducing the fair officials to enlarge the premiums substantially. Let us hear from the brother bee keepers on this important subject. Remember that "procrastination is the thief of time." We cannot begin too early with our preparations.

Laclede, Mo.

## FIVE BANDED BEES.

J. W. ROUSE.

**I**HAVE thought to write the five banded bees up for some time, but have hesitated to do so on account of being interested in breeding queen bees, but will say that I was



prejudiced against them for quite a while, but I finally concluded to try them. After a trial of two seasons, I will say that I am better pleased with them than any I have ever tried. Being interested in the breeding of queens, I of course would breed any kind the public may demand, even should the black bees be included in the list.

In my experience with the five banded bees, I find them as much gentler to handle as the three banded are over the blacks. I have had a number of queens from different breeders, and have also had imported queens, and some of them I thought were gentle, prolific, and good workers, but I have never found any of them as a rule to come up in all these points to the five banded bees. As to hardiness, I have found them to be as hardy as any I have ever handled, and as to honey gatherers, they are ahead of the three banded in my yard.

I am keeping bees for profit, but when I can combine the beautiful with utility, I certainly will do so. I have never taken any bee keeper into my yard to see my bees, but what when they came to the five banded bees they would give unbounded praise to their beauty. In handling them they are so gentle and quiet that they have the admiration of all. To get those that will breed all five bands has been the hardest and most difficult part of the work, for one can follow out a certain line to the neglect of some others, until one might get the certain point aimed at, but these other desirable qualities must be thought of and attended to at the same time. If I have not already, I will get them to breed all five banded bees after awhile. I am very sure that we have here in America better American-Italian bees than they have in Italy, because we Americans, I am sure, are breeding bees more carefully and particularly than do at least the most of the breeders in Italy.

The Americans can get almost anything they go after. They can breed the horns off of the cow, or white or black spots, as may be desired, on them. Perhaps we may not be able to breed the sting out of the honey bee, and I do not believe it best if we could do so, as the bees would then have no means of defense against robbers and pilferers. But we can and have bred them so gentle that if carefully and rightly handled the bee keeper will seldom if ever know whether the bees have stings or not.

Let anyone try an experiment. Go to a colony of bees and blow your breath either at the entrance or over the hive, and see how the bees will act, especially if they have not been smoked any at the time. The black bees will be greatly stirred up by the act; the three banded Italians will not be so much so, but still in very many instances the blower runs a real good chance of getting some very sharp and pungent pointers; but in all my experience of this kind with the five banded bees, I have never had one offer to sting, although I suppose the blowing could be so persistent and prolonged that they might be induced to resist. Of course this kind of an experiment should be tried, (and all kinds of bees be treated alike), when they would likely be on their best behavior—that is, when it is warm and good weather, for I find any kind of bees I have ever handled are more irritable if it is cool, or just after a honey flow has ceased.

I would not advise anyone that had good three banded bees to kill the queens all off in order to replace them with five banded queens, but to try a few and note the results. I do not claim that all five banded bees are better than some of the three banded, but to take them as a whole, I am sure they are superior in every respect.

Mexico, Mo.



## NEBRASKA NOTES.

BY MRS. A. L. HALLENBECK.



ALL through the past month, whenever there has been a favorable day, our bees have been busily at work on artificial pollen. I wonder how many have watched a bee gather a load? If you have never noticed them, you have missed an interesting study, and can never guess how they manage to get those great bunches of pollen on their legs, for they can't pick it up a grain at a time and put in their trousers pockets the fine dust that makes the food of the young bee.

Place a pan of flour and corn meal mixed where they will find it, and see them come in a crowd with wings briskly fanning little clouds of dust up around them, while these legs furnished with the pockets are kept in constant motion, the other legs appearing to help also to rub together each particle of dust that lights on the body of the bee.

If you are not afraid of Lady Bee, and will allow her to alight on your hand, you can watch her as she finishes the job of getting her load ready to take home. Just see how carefully each part of her body is brushed, then each tiny particle placed where it can be safely carried, and see if you can not learn a lesson in neatness and thrift.

If all the fine dust in the feeding pan appears to be gone, and the most brisk whizzing of wings fails to blow up anything she can use, does she go off in disgust and say gathering pollen don't pay? No indeed! Down she goes into the pan, and all the legs go a-digging, and if anything at all is left except coarse grains of meal, soon gathers a load, at the same time furnishing the

text for a very good sermon by obtaining by diligent "digging" what no amount of "blowing" would procure her.

Who of the PROGRESSIVE has secured a crop of surplus honey from fruit blossoms? It seems to me, where the conditions are favorable in early spring to brood rearing so that colonies are strong with young bees at the time fruit blooms, by throwing all the bees of two or three colonies into one hive and furnishing partly drawn sections, some fine honey might be obtained, provided the weather at the season were suitable for honey gathering.

All our bees are placed in pairs, two hives on one stand, and if all goes well, some of the strongest will have a chance to see what they can do when fruit blossoms come. We have had enough warm weather to keep up brood rearing since about March 1st, and some of the hives are very full of bees now, with plenty of brood to hatch during the next month, which should make them very strong by the time fruit will bloom.

Old winter stands by the portal

That leads to the fields of spring,  
And oft as we try through the gate to fly,  
He lets it backward swing;  
He turns to crystal the teardrops  
Spring sheds as she hurries back  
From his icy breath—but life from death  
Will rise in her balmy track.

We trust her to bring the sunshine;

We long for the days to come,  
When we can hear, both far and near,  
The field bees' merry hum.  
We long for the apple blossoms,  
The song of the welcome bird,  
As perched on high, from some tree-top nigh,  
His May-time song is heard.

And while all the earth wakes to music,

While birds, bees, and sweet breezes sing,  
While God gives again a seedtime to men,  
Let us try our best efforts to bring;  
That when the harvest is ended,  
And gathered the sheaves that will grow,  
We our garners may fill with good, and not ill,  
For we gather the seed that we sow.

Millard, Neb.



## OUR LETTER BOX.

### FLORIDA—HONEY-YIELDING PLANTS,

A Letter From a Former Missouri Bee Keeper.

I AM now about settled after a long and monotonous trip, arriving here January 21th, being on the road eighteen days. I had to make such a long stop at Chattahoochee that I had to unload and let the bees fly, which they seemed to enjoy, and they commenced to carry in pollen right away from yellow jessamine, which is about the first plant to open.

I started with 145 colonies. Four smothered to death, and several came out queenless, and I now have 138 colonies that are building up rapidly, but it is none too soon, for the season for swarms and honey is almost on us. I guess it is a new experience for what of my Missouri raised bees that survive, to be down here in Florida, gathering honey from orange bloom and ty-ty in February and March, but they seem to enjoy it and to be making the best of it. The main flow is said to come in April and continue through May, and is from tupelo gum, which is very plentiful here in the swamps. There is also a black gum that produces some honey, and quite a variety of plants that yield more or less in their season. Among them are snow vine, palmettoes, sweet bay and others.

On the whole I think this is a good country for bees, but it is heavily stocked, for within a radius of ten miles there are probably five thousand colonies, and the large apiaries are but one-half to two miles apart, and at one or two apiaries as many as seven hundred colonies are run for extracted honey, and seem to produce fair crops of honey of good quality.

The bees here are mostly blacks and hybrids, and the Langstroth hive is about the only hive in use—and as they use pine that is extremely heavy in making them, it seems to me that it tries the muscular power of a bee keeper every time a hive is lifted. These hives seem to weigh as much empty as some do full.

The swarming season usually opens in March, from what I can learn, and continues through April. Honey comes in slowly nearly all the year, but in no quantity to amount to anything till April, when the main flow comes, and lasts usually through May, into June, and occasionally later. The first gathering is a mixture from orange bloom, ty-ty and other plants.

Florida has a variety of soil and is a mixture of swamp and uplands besides. The latter are covered with a growth of pine, while the swamps are filled with a dense vegetation adapted to supply the wants of the bee. But our greatest drawback seems to be malaria and mosquitoes. The latter seem to be especially numerous at times and make themselves both heard and felt.

This is about the extreme northern limit of the orange belt, but there are quite a number of groves of considerable size, but the bloom is of more value for the bees to build up on than for honey, as it comes at a season when there is but little else.

I will close for the present, and give you more particulars as the season develops, and it is now almost at hand. An old straw hat comes in especially handy down here, and I have been wearing one ever since I arrived.

R. L. TUCKER.

Wewahitchka, Fla.



### Mating Queens in Confinement.

Some writers say it can't be done. Who knows what will be accomplished in the next century? Some hoot at the



idea, but there has been lots of experimenting in queen mating in various ways in the nineteenth century, each one striving to solve the problem. Some apiarists have offered rewards for a method of mating in confinement that is a success. Brothers, because others have failed is no sign that you will. Let's "try, try again," for a man's hindsights are always better than his front ones. But we may solve the problem yet. I would like to hear from others.

Dear editor, you talk about bees in the ear, but you want to get one back in the pallet of your mouth if you want to hush talking.

The Albino bee is a pretty bee,  
The Italians take the fame;  
The black bee has no friend at all,  
But they get there just the same.

[Yes, with their little Stingers.—Ed.]

J. B. LIVESAY.

Gray's Ridge, Mo.



Langdon Non-Swarmer Improved

LEAHY M'F'G. CO., Higginsville, Mo.

DEAR SIR:—As the swarming season will soon be here, you may ask if I have made any changes in my attachment. I will make two:

A rim or offset will be added to the rear face of the device, thus giving a space of half or three quarters of an inch between it and the hive. This will save making a hole in the hive to correspond with the escape cone, and will give better ventilation.

Also a drone guard or piece of perforated zinc will cover each entrance of the attachment. I would also cover the escape cone, but it must be left open for the drones to come out.

Now in case the open hive casts a swarm, the queen will be kept in the hive and the swarm will return. Then before any cells can hatch, the slide can be changed, and the bees are run

into the other hive the bees will be allowed to tear down the unhatched cells. The other hive is now open, and if it swarms the same operation is performed. This will prevent absconding of the bees, and at the same time the cells will be destroyed by the bees instead of opening the hive to tear them down.

The queen might possibly find the cone escape and come out through it, but it is not very likely, as the other entrance is so much larger and in a direct line from the hive.

The prices will remain the same.

Very truly yours,

H. P. LANGDON.

East Constable, N. Y.

Friend L.—We have been making the Non-Swarmer with a rim on the rear end from the first. This improvement is referred to in the PROGRESSIVE, Vol. 3, page 142, by E. T. Flanagan. The zinc excluder over each entrance will no doubt be of advantage. Those wishing to try the "Improved Langdon Non-Swarmer" can send us 25c, and we will send it to them. (25c extra by mail.) This offer is good until further notice.—Ed.



Too Many Bee Journals.

My son, J. D. Tracy, sent for a Simplex typewriter some time ago. Since that time he receives a copy of the PROGRESSIVE BEE KEEPER. It is pretty good, but we don't require two copies in one family. [Anyone who sends us \$2.75 for a typewriter, gets the PROGRESSIVE one year, free, but as you are a subscriber, we will extend your subscription to another year.—Ed.]

Bees are in good condition. Plenty of stores with a good lot of bees in the hive. I have been *York-ed* and *Root-ed* for the past few years, but I think that that part of Mr J. C. Balch's paper, "Comb Foundation," relative to extracting honey, on page 44, February PROGRESSIVE, is the best short article I have ever read on the modus operandi of working bees for extracted honey.



That man knows what he was writing about.

Three years ago I raised \$1,000 worth of honey with 135 swarms of bees; since that time I have had from that number to as high as 240, but have only had about enough returns to pay expenses. This year Hope, with the thought that the winter of 1889-90 was something like this, nerves us on, and we expect that this season big reports will be reported and realized.

We have had a remarkable warm winter until about the middle of January. Since that time, Old Boreas has been around. The snow today is flying with the thermometer at eight degrees above zero.

I had about worked up an order for the Leahy Telescope hive with the Northern Bee Keepers' Association at Longmont, believing it to be the best hive for this country, but as I have moved close to the Denver market and they use mostly here the Wisconsin or Root make of hive, I shall have to do as they do in Rome.

Isn't it nice to have a "Stinger," a "Kicker," a "Stray Straw," and a "Sleep-walker" for the bee fraternity to poke hard fun—solid facts at, like those friendly little bees. You see a jar is given, and then a few prods are the result.

D. L. TRACY.

Denver, Colo., February 1893.

### GETTING ON IN THE WORLD.

J. B. HANKS.

**T**O a person of a reflective turn of mind, it is interesting to look upon the whirling throng that rolls and tumbles past on the high road of life. Never-ending is the wild procession. Day and night you can hear the quick tramp of their hurried feet, some running, some walking, some halting and lame, but all eager in the feverish race, straining life and limb, heart and soul, to reach the ever

receding goal of success. Mark them as they surge along—men and women, old and young, rich and poor, the strong pushing aside the weak, the cunning creeping past the foolish, those in front kicking at those behind. A motley throng it is; here a man of science, there a bootblack; here a judge, there a swindler; here a priest, there a gambler; cheek by cheek they struggle onward; their speed never slackens, the race never ends; there is no way-side rest for them; no halt by cooling fountains; no pause beneath green shades.

But such is life. I like the fierce strife; I like to hear of people fighting their way bravely and fairly, not slipping through by fraud or trickery. But fighting the battle of life is fighting against fearful odds in these days. There are giants and dragons to overcome, and the casket they guard is not so easy to win as appears in the story books.

A novel showing all the struggles and hopes and failures of an ambitious man's career, would be an immense success. [You ought to read "Twenty years of Hustling," by J. P. Johnson.—Ed.] I am sure the wooing of fortune would prove quite as interesting a tale as the wooing of any flesh and blood maiden, and, by the way, would read very similar, for fortune is very like a woman—not quite so unreasonable and inconsistent, but nearly so. A woman never truly cares for her lover until he ceases to care for her; and it is not until you have snapped your fingers in fortune's face that she begins to smile on you. But by that time you do not care whether she smiles or frowns—so everything comes too late in this world. Good people say that ambition is wicked, but good people are generally wrong you know. What would the world do without ambitious people? It would be as flabby as a "hotel pudding."

Ambitious people are the leaven which raises the whole lump into



wholesome bread. Of course they are seeking their own reward, but in working for themselves they are working for us all. We are so bound together that no man can work for himself alone. Each blow he strikes in his own behalf helps to mould the universe. Alexander and Caesar fought for their own ends, but in doing so they put a belt of civilization half round the earth.

I have not a word to say against contented people. I have always tried to cultivate contentment, but there is a wide difference between contentment and indolence. The contented and indolent form a good audience for the active spirits of the age to play before. If we are foolish enough to be indolent, do not show it, but grumble with the rest, and ask ten times as much as we are willing to receive. What a dull life, too, indolent people must lead. They never know the delight and excitement such as stirs the heart of the man who has objects, hopes and plans. To the ambitious man, life is a brilliant game that calls forth all his energy, tact and nerve, and if he be defeated, he wins the grim joy of fighting. If he loses the race, he at least has had a run. Better work, and fail, than to sleep one's life away. So walk up, people, and try your speed in this great panoramic race for fortune—the only genuine sport in all your life—highly respectful and strictly moral, patronized by the nobility, clergy and gentry. So come and join the "push." There are prizes for all. Some will win, but the majority will fail, and why?

Higginsville, Mo.

## The Progressive Bee Keeper.

PUBLISHED MONTHLY BY  
LEAHY MANUFACTURING COMPANY

R. B. LEAHY, { Editors.  
E. F. QUIGLEY, }

Terms—50 cents a year in advance. Two copies, 80 cents; 5, \$1.75; 10, \$3.00.

HIGGINSVILLE, MO., MAY 1, 1894.

At our experimental apiary we went into winter quarters with fifty colonies.

They wintered through all right, but "spring dwindle" has reduced them to forty-four colonies. R. B. L.

Trade with us is extremely good; in fact, we are selling more supplies now than we were last year at this time.

The Practical Bee Keeper will now issue once every month. Once a month is often enough for a bee journal, and yet not too often.

The cold snap the latter part of March injured the fruit bloom, and the fruit crop will be light. This means a better price for honey.

E. T. Flanagan, of Belleville, Ill., writes that he intends to increase his bees to 500 colonies the coming season. When the veterans begin to increase their working force, they surely see "land ahead." May it "flow with milk and honey."

Friend Preston, of Longmont, Colo., writes: "Bees are doing well, losses will not be as heavy as was at first anticipated." From other reports received, our Colorado friends expect a good honey crop this year. We hope their expectations may be realized.

Friend Rouse writes very entertainingly on the good qualities of the five banded bees over those of the three banded. He says on page 130:

"In my experience with the five-banded bees, I find them as much gentler to handle as the three banded are over the blacks. I have had a number of queens from different breeders, and have also had imported queens, and some of them I thought were gentle, prolific and good workers, but I have never found any of them, as a rule, to come up in all these points to the five-banded bees. As to hardness, I have found them to be as hardy as any I have ever handled; and as to honey gatherers, they are ahead of the three-banded in my yard."

If we have a honey crop this year, (and we think we will), we intend to



try the three and five-banded side by side, and note results. But don't it make a fellow feel queer to find that some hybrid colony has outstripped his beautiful bees as honey gatherers? This has happened.

R. B. L.

The advertisement of a patent bee hive says perfect control of the bees. Put down the controlling part as a great big humbug.

Heddon's New Quarterly? Well, it is ALL right. We are too crowded for space to comment on it, but if you want to get your money's worth, send Mr. Heddon a quarter.

Theory says a lot of bees reared after the early honey flow are only consumers, but give us a hive with a bushel of bees in it all the year. We will show you results that upset these fine theories.

An advertiser in the American Bee Journal will tell you how to find bees in the woods for one dollar. If you will send us your dollar for two years' subscription, we will tell you for nothing. Look at some trees or wild flowers in bloom in the woods.

J. T. Harness reports good success from his advertisement in the PROGRESSIVE. We are glad of it. We love to see persevering, honest, business men prosper, and we are glad to recommend Mr. Harness to the readers of the PROGRESSIVE.

Mr. Alley thinks we were trying to injure him by reporting our Golden Carniolans dead. We had no such intention. We were asked the question, and promised to report to the PROGRESSIVE readers. If these had come out all right, or better than the rest, we would have said so just the same. If these are such wonderful bees, it seems

to us these small things would not hurt them much.

It seems to us that California and Texas have had about their share of booming. Why not give some other states a lift? Putnam county, Mo., has furnished one victim, who returned \$150 poorer, being induced to go to California by reading about it in the bee journals.

Dr. Miller is in doubt as to which size hive is best—eight or ten frame. We have sold all our ten frame hives to our neighbors, and adapted eight frame, but we are sure that we have lost lots of money by the change. We arrived at this conclusion from our work among the different sized hives the past four years in our own neighborhood.

We have had a number of beginners write us this spring for information about bees that they could get out of any bee book. Now we are always glad to help them, but here is the point: They cannot afford to do without a good book until they get well started. If you want to keep bees, post up so you will not have to write someone to know what ails the bees.

Mr. E. T. Flanagan, speaking of James Heddon and his Quarterly, says:

"Heddon's Quarterly has made its appearance on time, as promised, and is characteristic of the man. I have always been an admirer of his teachings and methods of management as a bee keeper, and no less so personally, and I have never for a moment doubted that he could clear himself of the charges that have been made against him recently. And I firmly believe that if at the beginning of the reports he had come out in the bee journals with a short, emphatic denial of the charges made, nine-tenths of the bee keepers of America would have taken his word for it, and he could afford to laugh at the others."

Now who will say as much for Mr. Heddon's accusers, or, as it seems, his persecutors.



J. D. Givens, of Lisbon, Tex., writes: "Yesterday I had my cheek bone broken in two places by a kick from a horse, but I am yet able to attend to business." We have always thought there was as much risk in handling horses as there is in handling bees. We know of three bee keepers who have had their faces disfigured by the hoofs of horses, and yet when one is badly stung by bees it generally goes the round of the press, while someone who gets his jaw broken or his life kicked out by a horse has not very much said about it.

We have just received a correction for the advertisement of T. F. Bingham, which appears on page 122 of this journal. The "ad" was printed when the correction came in. As corrected it reads, "Bingham honey knives, by mail, 80c; two by mail, \$1.50. We can furnish you the knife at the same price. When ordered with other goods, the price will be 70c each. To those not familiar with the qualities of the Bingham honey knife we will say, they are manufactured of the finest steel ever put into a honey knife, and we are pleased that the manufacturers have lowered the price, thus enabling us to make this offer.

We copy the following editorial from the Review for the benefit of our readers who wish to 'enjoy,' or rather not be smothered by a bee veil the coming season:

"When it is necessary to wear a veil in hot weather who has not wished that there was some way of holding it down, aside from that of tucking it inside the collar? When the neck is hot and sweaty, how it feels with a sort of muffler pressed close against it by the collar. Besides this, the veil is held suffocatingly close to the face. All this may be avoided, and I'll tell you how. In a hem in the bottom of the veil run a string, leaving about a foot of the hem, right in front, unoccupied by the string. That is, let the string enter the hem at about six inches to the right of the

center of the front, pass it around the back of the neck, bringing it out of the hem at a point six inches to the left of the center. The projecting ends of the string must be long enough to pass under the arms, cross at the back, and then be brought around and tied in front. The string holds the edge of the veil securely out upon the shoulders, while if the right length of hem is left without a string in front, that part will be drawn snugly across the breast. To Mr. Porter of, bee escape fame, belongs the honor of devising this unsurpassable way of holding down a bee veil."

The above is accompanied by a half-tone photo, in which Bro. Hutchinson looks quite COOL in his straw hat and bee veil.

"Foul Brood, its Natural History and Rational Treatment," is the name of a book written by Dr. Wm. P. Howard. It is a master work, giving the experience of the author and a resume of the writings of others. It is published by G. W. York & Co., Chicago, Ills. who will send you a copy postpaid for twenty-five cents.

#### EARLY QUEENS FROM THE SOUTH.

We have been having a real good trade in early queens. If you want some, we will be pleased to furnish you at the following prices:

Tested Queens, each.....\$1.50  
Untested Queens, each..... 1.00

These queens are five-banded, bred for beauty and business. Don't you need some of them? If so, write for prices on large quantities.

#### NOT QUITE FAIR PLAY.

While we are as much opposed to the adulteration of honey as anyone can be, and would be glad to see the practice stopped and the adulterators punished, we feel that it is of greater importance that no innocent person is accused. This remark is called forth by the manner in which Mr. Heddon has been treated in Gleanings. According to analysis, some honey purporting to have been bought of Mr. Heddon was



not pure. The matter was laid before the bee keepers' union, but it was not considered sufficient evidence to warrant prosecution. Mr. Root then published it 'for what it was worth.' This virtually was accusing Mr. Heddon of adulterating his honey. It is a difficult matter to prove a negative, but Mr. Heddon did very well under the circumstances. Mr. Root again advanced arguments in proof of his belief, and then Mr. Heddon sent in another reply. This reply was not printed, simply a short resume given, and the reason given for not publishing it in full is because he took five columns while Mr. Root had used only two. There was room for four columns describing an elevator that no bee keeper will ever want, and two more columns used in telling in great glee how Mr. Root turned a book agent out of doors. The agent may have deserved all he got, but of what interest is it to bee keepers? And again there are twenty columns used in this same number of Gleanings to boom the wares of the editor. There is room for all this, yet a man accused of adulteration cannot be allowed to defend himself in his own language. The way in which a man tells a thing often carries conviction with it. Another thing: We are not told who is the man that got the honey and sent it to Mr. Root. Let us know what kind of a man *he* is. We are not writing in this manner to defend Mr. Heddon, as we have no desire to defend him if he is guilty, but we believe that an accused man should be given every possible chance to establish his innocence, and if room is taken in a journal to make an accusation, then room should be made for the fullest possible defense. Remember, brothers, there is a God, (and He is just,) before Whom we must make our plea. Let us live as near as possible up to the Golden Rule: "Do unto others as you would have them do unto you." We hope and expect the editors of Gleanings will publish Mr. Heddon's reply in full, as it seems they are the aggressors.

### THE PRACTICAL BEE KEEPER,

Bright, reliable, honest.  
**PURE IN TONE!**  
Practical from cover to cover.

—PUBLISHED MONTHLY—

**500 PER ANNUM.**

Sample copy on application.

The "Practical" and one  
Genuine 5-banded Golden Italian  
Queen for \$1.00.

### THE PRACTICAL BEE KEEPER,

TILBURY CENTRE,  
Ontario, Canada.

Our beautifully illustrated  
Catalogue of Apiarian Sup-  
plies, free. Address,

**LEAHY MANUFACTURING CO.,**  
Higginsville, Mo.



**Bingham Perfect Smokers.**  
Cheapest and Best on Earth.  
Patented 1873, 1882 and 1892.

We now have a big stock  
of Bingham Smokers and  
Honey Knives on hand at  
the following prices:

Doctor, largest made, 3½ inch bar-  
rel, \$1.50; by mail.....\$1.75  
Conqueror, 3-inch barrel, \$1.30, by  
mail.....\$1.50  
Bingham Honey Knife, 70c; by  
mail.....\$.80

These are the best goods made.

Address **Leahy Mfg. Co.,**  
Higginsville, Mo.



# WANTED.

AGENTS to take orders for

**Alpha and Omega,**

—OR—

*The Birth and Death  
of the World,*

*The Science of Creation,*

*By Capt. R. Kelso Carter, C. E.,*

The most remarkable  
study of the CREATION,  
according to SCIENCE  
AND SCRIPTURE, ever  
produced. Bee keepers  
enjoy taking orders.

**Everybody Interested.  
Easy to Sell.  
Liberal Terms.**

**Hyatt & Bailey,**

*Shenandoah, Iowa.*

Are you a subscriber for the  
"PROGRESSIVE  
Bee Keeper"? It is but 50c per  
year, and should be read by all  
who are interested in apicul-  
ture. Address, Leahy M'f'g. Co., Hig-  
ginsville, Mo.

## Honey Pails.....

**LOW PRICES** to close out that  
line of Manufacture. We offer  
this lot at following prices:

5 lbs. straight tin pails, \$4.00 per 100  
10 " " " \$6.00 " 100

2½ lbs. at 3½c, or \$3.50 per 100.

All orders subject to prior sale.



**Horn & Co.**

KEOKUK, IOWA.

## THE American Bee Journal,

(Established 1861)



**IS** Oldest, Largest, Best,  
Cheapest and the Only  
weekly Bee-Paper in all  
America. 32 pages, \$1.00  
a year Send for Free Sample.

**\$1.00 BEE-BOOK FREE**

**GEO. W. YORK & CO., 56 Fifth Ave., Chicago, Ill.**

Please mention the "Progressive."

# HO! FOR KANSAS.

I WILL handle a complete line of the Higginsville goods the coming season,  
at the Leahy M'f'g. Co.'s prices. Parties residing in Southeast Kansas  
or Southwest Missouri can save freight by purchasing these goods of  
me. I will also continue to breed Queens from the best 5-banded stock. Send  
for my catalogue at once. Address,

**P. J. THOMAS, Fredonia, Kans.**

Please mention the "Progressive" in answering this advertisement.

## DR. J. W. CRENSHAW,

Offers for sale Untested Queens at \$1.00 each; after July 1st, 75 cents  
each. All of yellow (5 banded) variety, and as fine Queens as any  
body can raise. Bred from only the best mothers possible to obtain.  
Imported stock mated to Yellow Drones at same price. Any of  
Root's goods at his prices. Send for circular and catalogue. Book  
your orders now and get your queens and Supplies when needed.  
Queens ready in May.

**VERSAILLES, KY.**

Please mention the "Progressive" in answering this advertisement.





# BEAUTIFUL Flowers

Free by Mail.

**Adolph G. Fehr,**

SEEDSMAN AND FLORIST.

**Belleville, Ills.**

I will send any one of the following collection free by mail, on receipt of \$1.00; six for \$5.00.

—A PRESENT WITH EACH ORDER.—

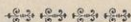
No. 1.	15 Ever-blooming Roses, 15 kinds..	\$1.00
No. 2.	18 Geraniums, 18 kinds.....	1.00
No. 3.	18 Coleus, or Foliage Plants, all different.....	1.00
No. 4.	15 Chrysanthemums, best new varieties.....	1.00
No. 5.	15 Carnations, best new and old varieties.....	1.00
No. 6.	3 Ivy, 6 Fancy, and 6 Scented Geraniums.....	1.00
No. 7.	20 Choice Bedding Plants, all different.....	1.00
No. 8.	20 Fine Bulbs, Gladiolus and Tuberose.....	1.00
No. 9.	21 Packages of Choice Flower Seeds.....	1.00
No. 10.	20 Packages of Best Vegetable Seeds.....	1.00

Trees, Shrubs, Asparagus, Rhubarb, and Small  
Fruit Plants, on Application.

**CUT FLOWERS AND FLORAL WORK Shipped on Short Notice.**

## **FINE POULTRY**

IS A PLEASURE AND PROFIT.



ADOLPH G. FEHR, Belleville, Illinois.

My yards are complete and stocked with  
choice birds of the following breeds:

Light Brahmas, Partridge Cochins, Barred  
Plymouth Rocks, S. L. Wyandottes, S. C.  
B. Leghorns, Silver Duckwinged  
Games, Golden Wyandottes.



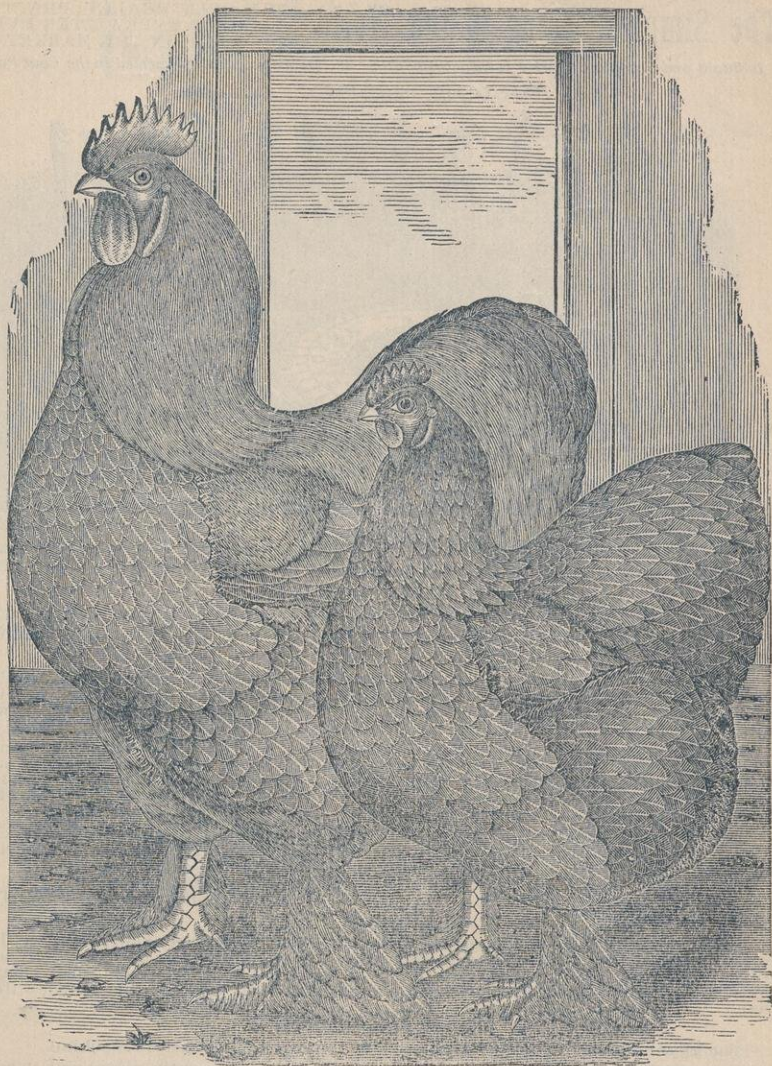
**EGGS**, \$2.00 per 13; \$3.50 per 26 by express.

Please mention the "Progressive" when answering this advertisement.





# ✦ FOR SALE. ✦



200 head Indian Games, Blk. Langshans, Buff and Partridge  
Cochins, Light Brahmas, Barred Plymouth Rocks, S. C. Brown  
Leghorns, Silver Laced Wyandottes, Bronze Turkeys and  
Pekin Ducks. I will sell very low to make room.

Write at once for prices, if you want extra good fowls and chicks  
for little money. Enclose stamp, and address,

**J. T. Harness,**

BOX 224.

HIGGINSVILLE, MO



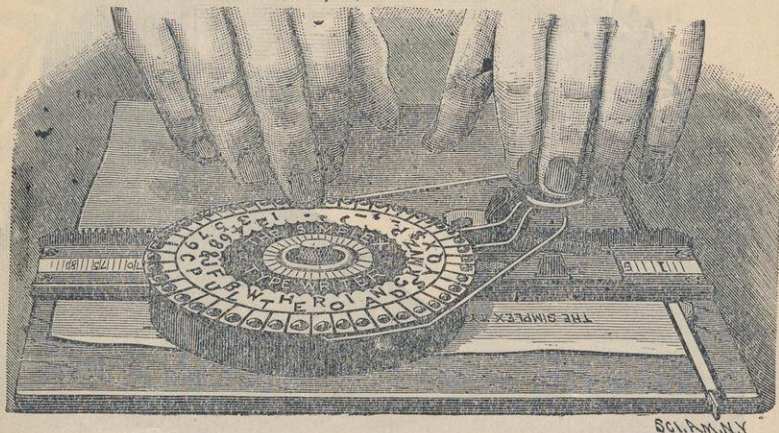
# THE SIMPLEX TYPEWRITER.

The Simplest Thing in the World.

THE ONLY REALLY PRACTICAL,  
CHEAP TYPEWRITER EVER  
PUT ON THE MARKET.

*Is Rapid and Does Good Work. Is Easy to Operate. Is Handsome, Can be carried in the Coat Pocket.*

PRICE, \$2.50.



THE LATEST OF THE BEST TYPEWRITERS. THE CLIMAX OF IMPROVEMENTS. THE MINIMUM OF PRICE. DESTINED TO REVOLUTIONIZE WRITING, AS THE SEWING-MACHINE REVOLUTIONIZED SEWING.

The "SIMPLEX" is the product of experienced typewriter manufacturers, and is a PRACTICAL TYPEWRITER in every sense of the word, and AS SUCH, WE GUARANTEE IT.

FOR BUSINESS MEN.—Every man, whatever his business, has need of the "SIMPLEX." LAWYERS find them indispensable. MERCHANTS acknowledge their great value. CLERGYMEN write their sermons with them. AUTHORS their manuscripts. Letters written with the "SIMPLEX" are legible and neat, and at the rate of FORTY WORDS PER MINUTE.

FOR TRAVELERS.—The size and construction of the "SIMPLEX" particularly adapts it for use on cars and steamboats. It will go into a box 5 inches wide, 9 inches long, and 1½ inches deep. Can be CARRIED IN THE POCKET or put into a valise. Orders written with the "SIMPLEX" cannot be misunderstood. The machine WEIGHS ONLY ONE POUND, BOX INCLUDED.

FOR BOYS AND GIRLS.—The "SIMPLEX" will be hailed with delight by BOYS AND GIRLS. It will improve their spelling, and teach proper punctuation. It will encourage neatness and accuracy. It will print in any colored ink, violet, red, green, blue or black. It will PRINT A LINE EIGHT INCHES LONG, and admit any size letter paper. The printing is always in sight. A USEFUL, INSTRUCTIVE AND ENTERTAINING NOVELTY, AT THE PRICE OF A TOY.

Nothing is of greater importance than correct forms of correspondence. The "SIMPLEX" encourages practice, and practice makes perfect. Writing with this machine will be such jolly fun for your boys and girls that they will write letters by the dozen. This may cost you something for postage stamps, but the improvement in their correspondence will repay you.

## EXTRA POINTS,

The alignment of the "Simplex" is equal to the very highest priced machine.

It is positive in action, and each letter is locked by an automatic movement when the stroke is made.

It has no ribbon to soil the fingers.

The "Simplex" is mounted on a hard-wood base, and put up in a handsome box, with bottle of ink, and full instructions for using.

"I think the 'Simplex' is a dandy."—D. L. Tracy, Denver, Colo.

"The 'Simplex' is a good typewriter, and I take pleasure in recommending it as such."—B. F. Bishop, Morsey, Mo.

"I received the typewriter one hour ago. You can judge my progress by this letter. It is much better than I expected, and with practice I think I will be able to write very fast with it."—E. T. Flanagan, Belleville, Ill.

Price of Machine, \$2.50. By mail, 25c extra for postage.

Address, **LEAHY MANUFACTURING COMPANY, HIGGINSVILLE, MO.**



# 3

# Per Cent DISCOUNT



**FROM CATALOGUE PRICES**

On all Goods until January 31.

**AMERICAN BEE KEEPER** until January 1895, for  
Fifty Cents.

Address

**THE W. T. FALCONER MANUFACTURING COMPANY,**

MANUFACTURERS OF BEE KEEPERS' SUPPLIES,

Established 13 years.]

**JAMESTOWN, N. Y.**

Please mention the "Progressive" in answering this advertisement.

THE

# Amateur Bee Keeper,

A Sixty-page Book for Beginners, by J. W. Rouse.

The first thousand nearly gone in the short time of one year.

What Others Think of this Book.

Leahy M'fg. Co.: Gentlemen: We should be glad to help you out with the book. It is one of the nicest jobs of printing we have seen. R. & E. C. Porter, Lewistown, Ill., Feb. 29, '9

A book for beginners is something often called for. Mr. J. W. Rouse, of Mexico, Mo., has written a book of fifty-two pages, called "The Amateur Bee Keeper," that is designed to satisfy just this demand. It tells very briefly and clearly just those things that a beginner would like to know. It is well illustrated, and well printed by R. B. Leahy, of Higginsville, Mo.—*Bee Keepers' Review*.

Price of Amateur Bee Keeper, postpaid, 25c; "Progressive Bee Keeper," monthly, one year, 50c. We will club both for 60c. If it not convenient to get a money order, you can send one and two cent stamps. Address orders to

**LEAHY M'FG. CO.,** Higginsville, Mo.

## EGGS FOR HATCHING!

FROM BEST KNOWN STRAINS.

INDIAN GAMES, BLACK LANGSHANS,

BUFF and PARTRIDGE COCHINS, LIGHT BRAHMAS,

and MAMMOTH BRONZE TURKEYS.

Only the very best stock used. Send for catalogue and prices, or call and see our fowls.

**J. T. HARNESS, Manager. CRESCENT POULTRY FARM, HIGGINSVILLE, MO.**

Please mention the "Progressive" in answering this advertisement.



**1894.**

**1894.**

**NEW CATALOGUE,**

**NEW PRICES.**

**Hives, Smokers, Sections, Honey Extractors,**

**Comb Foundation,**

—AND ALL KINDS OF—

**Apiarian Supplies**

**AT BED ROCK.**

Write for Estimates on Large Quantities. . . . .

—QUEEN BEES IN THEIR SEASON.—

Send for my 24-page, "large size" Catalogue. Address,

**E. T. FLANAGAN,** *Belleville, St. Clair Co., Ill.*

Please mention the "Progressive" in answering this advertisement.



## SECTIONS,

Sandpapered and polished on both sides while you wait; but don't wait too long, or you will look like the man herewith shown. Dealers are already laying in a stock, and if you want any, order before the rush. We invite comparison of these

goods with other makes, and will gladly send you samples for two 2c stamps to pay postage. Our 52-page catalogue, for '94, telling all about these and other goods, free for the asking.

**A. I. ROOT, MEDINA, O.**

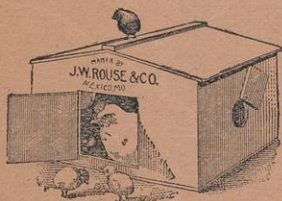
Please mention the "Progressive" in answering this advertisement.

## BEES,

**Dovetailed Hives, Sections,  
Crates, Foundation,  
Smokers,**

—VERY CHEAP.

**FIVE † Banded † QUEENS.**



**The  
Model  
Coop.**

One nailed and five packed inside, making six in all, \$3.50.

They ship as box lumber, and at a reasonable rate.

**RAT, CAT AND  
VARMINT  
PROOF.**

We are agents for Incubators and brooders, and manufacture brooders.

Send for free catalogue or circular, but be sure to state whether it is bees or poultry supplies wanted, or both.

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