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The progressive bee keeper. Vol. 5, No. 12 December 1, 1895

Higginsville, Mo.: Leahy Manufacturing Company, December 1, 1895

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DECEMBER 1, 1895.



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

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CLUBBING LIST.

We will send the Progressive Bee Keeper with

The Review.....	(\$1.00).....	\$1 35
Gleanings.....	1 00.....	1 35
American Bee Journal.....	1 00.....	1 35
Canadian Bee Journal.....	.50.....	85
American Bee Keeper.....	.50.....	85
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Kansas Farmer.....	1.00.....	1.35
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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, 28c.

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, 125.

The A, B, C of Bee Culture, by A. I. Root; price, 1.25.

A Treatise on Foul Brood, by Dr. Howard; price, 25c.

Address,

Leahy Mfg. 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

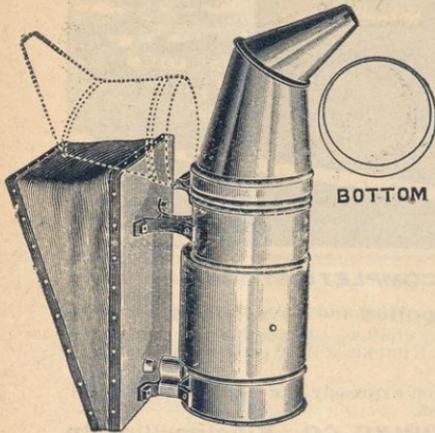
to ship, about forty pounds.

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

☞ 26 page Catalogue of Apiarian Supplies sent Free on Application.

Leahy Manufacturing Company.

The New Corneil Smoker. ↕



CHEAP, STRONG, SERVICEABLE, LARGE SIZE.

JUST THE THING for those who want a first class smoker at a medium price. Size of cup, 3½ inches; curved nozzle, hinged so as to swing back; legs of malleable iron, secured by bolts. The blast is the well-known Corneil principle. Weight of Smoker, only 20 ounces: Here is what one of our customers says of it:

"The Corneil Smoker is a Dandy with a big D. I have been using it today on the cross-section of bees I ever saw. I think I could drive a bull dog with it. S. R. AUSTIN."

Amityville, N. Y.

Price, \$1.10, postpaid, or 85c if sent by express or freight with other goods.

THE A. I. ROOT CO., Medina; Ohio

Please mention the "Progressive."

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

Please mention the "Progressive."

PURE ITALIAN QUEENS BRED FOR BUSINESS

Select Tested Queen, after April 1	\$ 2 50
One " " " "	1 25
Three " " " "	3 50
Six " " " "	7 00
Twelve " " " "	13 00
One Untested " " " "	1 00
Three " " " "	2 50
Six " " " "	4 75
Twelve " " " "	9 00
After July 1, each	75

Catalogue of Bee Supplies free on application

O. P. HYDE, Lampasas, Texas.

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."

Canadian Bee Journal.

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

GOULD, SHAPLEY, & MUIR CO.,

R. F. HOLTERRMANN, Publishers,
Editor. { Brantford, Ont. Can

Please mention the "Progressive."

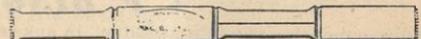
PATENTS

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.**

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 order on short notice. Write for Price-List,

J. FORNCROOK,

WATERTOWN Jeff. Co. WIS., January 1, 1895.



Largest Factory in the West.

COMPLETE STOCK....

Good Supplies and Low Prices, our Motto

We are here to serve you and will if you give us a chance. A beautifully illustrated catalogue and a sample copy of the **PROGRESSIVE BEE KEEPER**, a live, progressive bee journal, sent free for your name on a postal card.

The "Amateur Bee Keeper," a 70-page book written expressly for beginners by Prof. J. W. Rouse. Price, 25c; by mail, 28c.

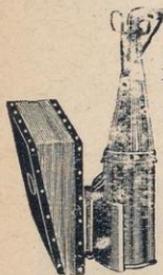
LEAHY MANUFACTURING CO., Higginsville, Mo.

Old Reliable Bingham Smokers

—AND—

Bingham & Hetherington Honey Knives.

Bingham & Hetherington Uncapping Knife



Bingham Bee Smokers.
Cheapest and Best on Earth.
Patented 1878, 1892 and 1893.



Patented May 20, 1879.

ARE NOT new experiments for you to pay for and find out to your discomfort later on. With the single exception of inverting a Bingham bellows by A. G. Hill, Bingham has invented and patented all the improvements in Bee Smokers and Uncapping knives made within the last 20 years. We are not dependent on anyone for a single feature of value in bee smokers or honey knives.

Our Smokers and Knives have been the standard in Europe and America for fifteen years. No complaining letters have ever been received—but we have hundreds from the best best bee keepers full of thanks and praise for our inventions. Nearly all the large apiaries in this and foreign countries use our smokers and knives

The Little Wonder and Plain smokers have single coiled steel handles and narrow shields. The other three have doubled coiled steel wire handles and extra wide shields. The shields and handles are an amazing comfort when working. They protect the bellows as well as the hands. All Bingham smokers for 1895 will have right-angle movable bent caps, coiled steel wire handles, inverted bellows and direct draft. They burn chips or anything else and never go out. Sent post paid any where in the United States on receipt of price. Little Wonder, 50c; Plain, 70c; Large, \$1.00; Conqueror, \$1.50; Doctor, (the largest smoker made) \$1.75. Knife 80c; circulars and dozens and dozens of rates, and Smokers and Knives by return mail. Address,

T. F. BINGHAM, FARWELL, MICH.

☞ Please mention the "Progressive" in answering this advertisement

HO! FOR KANSAS.

I WILL handle a complete line of the Higginsville goods the coming season at the Leahy M'fg. 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.

P. J. THOMAS, Fredonia, Kans.

Cedar Vale, Kas., February 18, 1895—Gentlemen: I just received a bill from Mr. P. J. Thomas a few days ago, and am well pleased with the same. The hives are dandies. I have been talking your goods up with bee keepers. What is the best you can do on twenty No. 1 "Higginsville Hives," to start with.

Respectfully,

B. F. THOMPSON.

The Progressive Bee Keeper.

A Journal Devoted to Bees, Honey and Kindred Industries.

FIFTY CENTS A YEAR.

Published Monthly by Leahy Manufacturing Company

VOL. 5.

HIGGINSVILLE, MO., DECEMBER 1, 1895.

No. 12

OLD YEAR, GOODBYE.

MRS. A. L. HALLENBECK.

Old year, goodbye, you've borne from me
That which has been full half my life for
twenty years,
And left me naught save sighs, unanswered
prayers, and tears.

My dead lie low beneath the frozen clay;
No grass grows green above their narrow bed.
In vain I call.

No answer comes from earth or sky to bring
me back my all.

Old tear-stained year, goodbye, I weep no
more;

You bear with you, sad year, what tears I
have to give;

My eyes are dry, and in their fountains tears
no longer live.

If for all time could I but be at rest,
And pass away serene and still, like you—my
mission o'er,

It would be sweet, and I could ask of heaven
nothing more.

Old year, you go, but I must wait awhile,
And do the part that has been set for me to
do, and smile

When others smile, and laugh, though my
poor heart should break the while;

For children's voices sound, sweet echoing
chimes,

That bind me still to earth and time, and bid
me grieve no more.

A new year dawns. The world will still go on
just as before.

And so to you, old year, I say goodbye.
The new year's light shall through the mist
of tears a radiance send.

Behold! "Lo! I am with you always, even to
the end."

So will I strive as best I may to be
To those I love all they have lost, and fill my
own place still,

Perhaps in His own time and way I yet may do
His will.

Millard, Nebraska, Nov. 20, 1895.

Star Apiary Notes.

S. E. Miller.

THAT other Miller in American Bee Journal, October 24, quotes from PROGRESSIVE what I had to say regarding atmospheric conditions in relation to nectar secretion, and then asks: "Well, and suppose you do find out just the right conditions for nectar yielding, what are you going to do about it?" What can you do to change the condition of the atmosphere? I must confess I did not expect that question to be thrown at me so soon, but I'll tell you, Dr. if you will promise not to tell any one else—I don't know.

Some Mistakes of Bee Keepers and Bee Journals, by Allen Pringle, read before the North American, at Toronto, is interesting and well worth your reading. If you have overlooked it and wish to see it you can find it in the American Bee Journal of October 24. Mr. Pringle, sets forth these mistakes in that vehement style so characteristic of all his writings.

Ernest Gleanings, in his editorials, has been talking so much recently about symposiums that I concluded to get out my dictionary and see what kind of a possum a symposium was any how, and what do you suppose the definition is? Here it is: A drinking together; a merry feast. So I suppose we are going to have a reconciliation

on the eight vs. ten frame discussion and conclude that Mr. Tenframe and Mr. Eightframe are both right on the subject, have a feast and all take a drink on it. Now, if I have got the wrong idea from that definition, will some one please set me right. The definition may be old and out of style for all I know.

Just finished extracting day before yesterday. (Nov. 19.) Now this is nothing to boast of and in fact if I was not honest I would not even admit it, for it is certainly not becoming to a bee keeper to delay extracting until almost winter. I only mention it to let others know that it can be done, if owing to pressure of other work it has been delayed until this late date: but to do it you want the honey all off the colonies, you want a stove in your honey house or a honey house around your stove, one or the other, you want your uncapping knife in hot water whenever not in use and dip it in often while using, better still would be to have two knives and have one of them in the hot water all the time and change often; then you want a good strong reversible extractor like the Cowan. While it can not be done as fast and the honey not always thrown out as clean as if done in warm weather, you will find it can be done if you make up your mind to do it.

Spring count about 40 colonies, increased to 65. Took 900 pounds extracted and probably 200 pounds comb, average $22\frac{1}{2}$ pounds extracted, 5 pounds comb; spring count also about 16 pounds wax, an average of $\frac{1}{10}$ of a pound per colony. This is nothing to brag on and I know some of them big fellows out west will feel like laughing at it, but when Dr. Miller makes an average of a few ounces and fractions thereof and is not ashamed to give his report. I am sure I should not hesitate giving the report as above. Lets see.

22½ lbs. extracted @ 7c.....	\$1.57½
5 lbs. comb @ 12½c.....	.62½
4-10 lb wax @ 25c.....	.10

Amount per colony.....\$2.30

Not to say any thing of the increase. As I said this is nothing to boast of but it will beat 40 head of sheep shearing five pounds of fleece per head, worth $12\frac{1}{2}$ cents per pound, and the bees

don't eat near as much grass as the sheep do.

To the brothers and sisters of the PROGRESSIVE BEE KEEPER and the whole bee keeping fraternity:

Beloved brethren, if I don't see you any more good bye.

Sommy, if I don't come back you can have that old Clark smoker under the honey house that the crickets ate the bellows out of.

Flanagan, there is a pile of old metal cornered frames that the moths ate the combs out of lying northeast of the honey house. These you can have and welcome.

Say Rouse, up in the garret are a lot of the old fashion double tier wide frames, (in the flat,) also some of the old style tin rabbets and other knick knacks to numerous to mention; as you are in the supply business I will turn them over to you.

Out in what we call the shop (where we keep our saw table, tools, bran, corn, wheat, lime, salt and cement,) in a box near the northeast corner are a lot of half depth simplicity hive bodies, you Brother Miller, of the sucker state, can have these. You will find them very handy to set around the outside of a soft shelled T super; you see I know you like the T super.

In a crate that once upon a time came from the Leahy Manufacturing Co. out in the shop, are some smokers, some Hillsmokers, and some simplicity, I mean Clark smokers, that were made before they got to putting the fire box on the bellows wrong end foremost; there are probably enough of these to give one to each member of the family, so I will send one of these to any one who will forward stamps enough to pay for postage and packing with the price of a smoker as a guarantee of good faith.

Down in the honey house are a lot of new metal cornered frames, wired on the Keeley plan, (I wish I had never heard of that plan) they have been there about three years, but with the exception of being a little shelf worn they are as good as ever. Doolittle, these I bequeath to you.

"Honest Injun" brother bee keepers, I soon expect to retire from the field as a bee keeper. I love the bees, (when they don't sting,) I love the pursuit, I

love the open air, I love nature and nature's ways, but a way appears to have opened up before me which seems to offer a better opportunity for acquiring that root of all evils which we all find so handy to have about the house. With the new year I expect to begin merchandising, and this will likely occupy my time so fully that I will not find much time to write for the PROGRESSIVE. I intend keeping six or eight colonies of bees and Brother George will take charge of the apiary. Likely this is the last you will see for some time from my pen, (did I hear some one say, glad of it?) so let me wish you all a Merry Christmas and a Happy New Year. May the coming year be one of bountiful crops of honey as well as of other products. May you all enjoy peace, prosperity and happiness. May God's blessings be with you all, is my wish.

Bluffton, Mo.

Wayside Fragments.

Somnambulist.

SECRETARY MORTON says, "Humanity generally, and the farmer particularly, has no enemy equal, in efficiency for evil, to ignorance." What class of humanity has been more greatly affected by ignorance, and that, too, in high places, than bee keepers? While one state board is very knowingly pronouncing sweet clover a noxious weed, another is equally knowingly proclaiming golden rod poisonous. The western press has done its whole duty in promulgating the news, for news you would call it, wouldn't you? After the sweetly-perfumed, gracefully-bending, waving and nodding golden rod has held receptions in and enjoyed peaceful possession of almost every old fence row, and many other waste places all over the land, from time immemorial; after its praises have been sung long and loud enough to constitute it a popular aspi-

rant to national fame, it having been very favorably and numerously considered a fit national emblem for the great American nation—in short, after having almost reached the highest round of the ladder to fame, to be suddenly waltzed into notoriety as a noisome, poisonous weed! That's surely sensational news. Alas! poor golden rod! Humanity can sympathize with you, for many know from sad experience, "sich is life." Paragraphs similar to the following are spreading consternation among western farmers: "It has been discovered by Wisconsin's state veterinarian that under the ragged yellow blossoms of the golden rod there is hidden the germs of one of the most dangerous diseases to horses ever known." After a horse has been inoculated it goes into a decline; the blood is destroyed; the tissues lose their strength and waste away; the disease thus resembling consumption in man. The disease is incurable, always ending in death, which occurs in from three weeks to three months. Thousands of horses have perished from the disease throughout Michigan, Minnesota and Wisconsin. Farmers being unable to discover the cause of the fatal malady, made applications to the state veterinarian of Wisconsin, with the result as above. No remedy has as yet been found, but he advises the destruction of the plant, root and branch. This will prove a formidable, if not practically impossible, job, as it is very common and flourishes with the persistency of the hardy weeds, and scatters its seed broadcast to autumn's winds. Dr. Salmon, Chief of the Division of Animal Industry, of the Department of Agriculture, has been referred to, and gives it as his opinion that GOLDEN ROD IS NOT POISONOUS. Thinks if it is, we should long ago have discovered the fact. Thinks if golden rod is responsible in any way for this trouble, it is because horses in a half-starved

condition ate heartily of the coarse spines of the plant, and death ensued, not through consumption, but through indigestion, or serious injury to the stomach. The Dr. will be sure of the support of bee keepers, at least until something more positive shall have been brought to light.

Will Ward Mitchell in the November PROGRESSIVE, has the audacity to invite us to cultivate a closer intimacy with ourselves, in his poem, "Look at Yourself," Can't afford to do it, young man. Never was a devotee of the mirror. What good comes of it? If one is compelled to admit of the existence of defects, straightway a plan of concealment must be adopted—and such a botch as frequently develops; truly the remedy is oft worse than the disease. And by your own concession, it doesn't pay. "Where ignorance is bliss, 'tis folly to be wise."

Yea, verily, "like produces like," and S. E. Miller is following in the footsteps of his venerable father, Judge Samuel Miller, an authority on all horticultural subjects. The judge has, from the native persimmon seed obtained an improved variety, much in demand, (and by the way, Missouri persimmons this year are of unusual size, and have been just frosted enough to make them delicious), and now his son proposes to experiment with basswood seeds. May success perch upon your banner, S. E. Basswood seed seem insignificant—but "tall oaks from little acorns grow."

What a grand picture L. L. Langstroth made at eighty. Intelligence and love literally beam from every lineament. What more powerful motor than love? And when guided by intelligence, what capable of accomplishing more good? Love is manifest in all things. "Love speaks to us in the myriad voices of the universe." It drops with the golden autumn leaves, it shines in the stars, it roars in the

storm, it quivers in the earthquake, it sobs in the sea. Love has established nations and founded kingdoms and banded cities, advanced art, science, and literature. It has many times brought order, symmetry and beauty out of chaos, as when Langstroth gave to the world his invention. As my eye caught his picture on page 276 of the PROGRESSIVE, a feeling slightly akin to jealousy arose as I at the same time discovered the task that had been allotted, by ye editor, to Will Ward Mitchell. But this feeling quickly wore away as I perused his article and perceived its value. He came as near giving the subject justice as possible.

Practical hints on "Keeping Bees on the Farm," by E. W. Moore, is all right. His quotation, "There are millions in it, but it takes *brains and work* to get it out," is only *too true* in bee keeping. In every community under the sun the prevalent opinion regarding bee keeping is that it's a lazy man's work. Truth reversed. However such an idea had its birth, 'tis puzzling to solve, but perhaps through just such "doins" as J. W. Rouse recounts in the next article, headed, "Careful Management," and as long as we have such "kareless kusses" in our ranks so long will we have to submit to the opprobrious ban. Well for the race were they all faithful readers of the bee journals, but there it is again. They are the *very kind* who never see inside a bee journal. Wouldn't read one if you gave it to them.

Returning to Moore's practical hints, he says, "You must expect loss." Right here, as many another has done, he hangs out a beacon to warn you there are rocks and shoals amidst which you may wreck your apiarian vessels. Wise are they who take heed to the friendly warning. Many failures are attributable to the headlong haste of the helmsmen of the unlucky crafts. All along the dangerous shores

are lighthouses erected by those who have passed before—but, alas! in many cases, totally in vain. Again, under many conditions, one who would work for and expect a honey crop, might well be termed a theomachist.

He says, "Use frame hives, as more money is made." Why not, for convenience alone, if you never see a cent of money out of their use, and also one-pound sections? "Ten-frame hives best for beginners." "K'rect." "Secure three-banded Italian or Carniolan bees," being at once the gentlest and the best workers.

This paragraph would naturally lead us to the article entitled, "Mr. McArthur's Bees and Bee Forage," but we must not pass over Sister Hallenbeck's "Notes from Nebraska." Glad to learn that Nebraska bee keepers will not have to feed this fall, (I've just passed through that ordeal, and, consequently I am strictly sincere), and that their homes are also well supplied with the good things necessary to life. Her portrayal of their "going to the fair" was quite natural, hence, interesting; and no doubt she will find (if she has not already done so) their trip bearing fruit in the near future.

And now for "McArthur's Bees and Bee Forage." Well, what did you feel like anyway while you read that "write-up"? Didn't you feel like using yourself for a football for not having been there yourself? Anyhow that was "sum-ut" as how I felt. Just think of it! In possession of a little kingdom all his own, to plant any or all nectar-yielding flowers, and breed his pets to his liking. "Monarch of all he surveys." Makes good use of his advantages, thus practically illustrating that he appreciates his superior situation. The whole article is a fine lesson on location. And how about those light-colored bees? Seem to have it all their own way. Melilot clover gets another big boost. Mr. McArthur might prove

efficient help in rescuing it from the ignominious position it now occupies in Ohio. The whole story as given by Bee Master, sounds like a fairy tale, and no wonder he thinks it appropriate to close with the quotation, "In the mouths of many witnesses shall every word be established."

This brings us to the editorials. I will just say that by the latter part of May, 1896, I will be better prepared to say whether or no I am a bee keeper.

One more bee journal merged into a general agricultural paper. You can easily discern ye editor has been to Chicago. "Sure!" He says Friend Flanagan's truck patch of seven acres nets from \$500 to \$800 per year. The cash value is of first importance to the producer, but how are we to calculate the value of that produce to the consumer? The principal good it has done, and will do, will never be determined.

What Dr. Peiro said at that convention of two editors and one doctor has partially leaked out. If envy were not such a terrible, ugly, unforgivable sin, one might be pardoned for entertaining it while in contemplation of that impromptu convention. But life would not be worth living were we to indulge envy on each and every opportunity. It would be ever present, and just how disagreeable it is capable of making matters belongs as yet to realms unknown. Nothing disfigures one more. It causes the lips to flatten rather than curve; the eyes to grow smaller, and gives to the voice a peculiar, rasping, disagreeable whine. Envy, avaunt! How could you, Emm Dee? Charity thinketh no evil.

"Oh, be not the first to discover
A flaw in the fame of a friend,
A fault in the faith of a brother,
Whose heart may be true to the end;
A hint or a nod may awaken
Suspicion most false and undue;
And thus our belief may be shaken,
In those who are honest and true."

"Seeing is believing." Come down and spend Christmas with us, and investigate. "Dar's wine an' cidah in de cellah." As for sending you that half-peck of apples, why, man alive! were I to send yellow bellflower, Jonathan, or Grimes' Golden, a half-bushel wouldn't be a "surkumstance". We are not governed by Chicago rulings down here—not by a long ways. Maybe it has escaped your usually keen observation that Missouri's apple crop for 1895 is estimated at 3,864,000 barrels—nearly twice that of 1894. Only three states—New York, Pennsylvania and Ohio—show a larger yield.

Doesn't it occur to you that Missouri is near the head of the list as a fruit state? With her orchards of from a few trees to thousands of acres in a single fruit farm, and a grand yield, why shouldn't fruit be cheap? Depend upon it, we seldom do things by halves here, not if we can help it! Sorry to have to confess about the worst failure we've experienced is the honey crop. We'll have to use good old-fashioned apple butter (which, thank fortune, is plenty and of good quality), instead. I'll venture to lay a wager you don't get even a smell of that in Chicago at any price. And should you invest a few dimes in a package of so-labeled "Pure New York" (or any other state) apple butter, you'd simply purchase a mass of flatly-flavored, highly-colored gelatin. Bah! come down and get a whiff of the pure, genuine stuff, perfectly innocent of any adulteration shop, and dream you are a boy again.

I see Bro. York has secured some fine honey (allowing a fellow-editor, R. B. L., to be the judge). All right! If you can furnish the honey, we can the pancakes.

There started from St. Joseph the other day three trains of fifteen cars each, loaded with pancake flour, en route for Boston, by way of Chicago. Each car contained 10,800 packages of

flour, every package capable of making sixty cakes, or a total of 29,160,000 pancakes. Certainly enough to keep the Bostonians busy for a spell.

Now as for your needing such men as R. B. Leahy there in Chicago—maybe you do, but we need them here, too; and as for his preference for "away out in the west," nothing more natural. "The west" made the man. Ask him what he was when he came to the west. His claims will not be exorbitant. He is truly a self-made man. Not such an one as a certain young doctor who was desirous of making a good impression on a German farmer, and declared that he had received a double education. He had studied homœopathy and was also a graduate of a regular medical college. "Oh, dot was nodding", said the farmer. "I had vonce a calf vot sucked two cows, and he made nodding but a common scheeter after all." With but little prior preparation, the conditions existent in western life have brought out all his individuality and self-reliance, power of will and power of capacity to cope with the problems in the emergencies of life.

Naptown, Dreamland.

Rose Mill Notes.

Observer.

A NEW star in the apicultural firmament, "Skylark," in Nov. 15th Gleanings—and the way he makes the wool fly from the back of C. W. Dayton is a caution. It reminds me of a little story I read not so long ago: A large dog was left in a room with a parrot, and the latter to have some fun at the expense of the dog, called out, "Sic him! Sic him, Bob!" The dog sprang to his feet, but could find nothing to "sic." This was re-

peated several times until the dog refused to respond. The parrot then descended from his perch, and getting close to the dog, again called out, "Sic him! Sic him!" This time the dog saw something to go for, and the result was the parrot was pretty well done up. Climbing with difficulty his perch, torn, bleeding, and minus his feathers, he remarked as if to himself: "I talked too much." That's the way I guess Friend Dayton feels at this present writing, since Rambler and Skylark got after him.

So our editor had a good time visiting around this past fall. Wish we all could be editors for awhile, don't we?

So our "Jimmie," of the Quarterly, has branched out as a rival to our Will Ward Mitchell. Glad to see the muses are being cultivated in a quarter so unexpected.

Friend Heddon is too severe on our good friend and brother bee keeper, B. Taylor. Don't be so hard, Friend H. Those that live in glass houses should never throw stones.

And so Friend York has gone into the supply business. What a pity! So long as the American Bee Journal keeps its skirts clear of the supply business, so long will it command the confidence, respect, attention and support of bee keepers. You cannot serve two masters, Friend York, and the small amount you may receive of the A. I. Root Company will never compensate you for the confidence you will forfeit if, while conducting the American Bee Journal, you are devoting yourself to build up the business of any particular firm or person. See one year from now if I am not right. We all like the Old Reliable, and do not want to see it lose the prestige it has won under its present able management.

Rev. W. F. Clark says that when the membership fee to the North Ameri-

can Bee Keepers' Association gets down to 25c, he wants no more to do with it. Has the reverend gentleman made so much money from bee keeping lately that he had rather pay \$1 than 25c? Or is it because he does not wish to associate with the rank and file? If so, he had better use his powerful influence to get the fee raised to \$10, if according to his views, the higher the fee the better the organization. I think we poor "25c fellers" ought to "sit down" on the reverend gentleman. We want no aristocracy in ours.

Keep the two societies separate. The Union has done more practical work for the bee keepers of the United States in one year than the North American has in five. That's so, and don't you forget it!

Going to Atlanta? Do by all means, if you have the wherewithal. It will pay you to meet and become acquainted with some of our southern brethren.

Came mighty near going, bag and baggage, to Cuba a few years ago. Glad I am right where I am. I don't envy Osborn, Craycroft, and those other fellows down there one bit. I trust Cuba will belong to us some day, and then we'll strike out for sure.

Dr. Miller may be a good writer, (and I spect he is), but he's a mighty poor farmer. He raises too much straw for the grain. No, I mean, that is, I think there's too much *grain* in the straw. Pshaw! I mean—well, I guess I'll give it up this time. But I *know* he ain't any farmer, no way.

And now they think Sommy ain't a bee keeper. Don't make that mistake. Don't you know the more one writes about bees the less they know of them, and you see Sommy hardly ever has anything to say of bees, no more 'an has Observer.

Rose Hill, Nov. 25, 1895.

WILL GOOD YEARS COME NO MORE?

DR. C. C. MILLER.

SOME seem to have settled into the belief that the forests have been cut away, cultivation has destroyed the wild flowers, and that as a consequence we are never again to have such yields of honey as in the past. Others again come up smiling at the close of each year of defeat, prophesying good things to come, and hopefully recounting all the omens for good.

I think there is no denying the fact that in general the past few years have not been as good as formerly for the majority of bee keepers. And I plainly confess that I don't know anything about the future of bee keeping. But I incline rather to join the ranks of the optimists. The wise man says: "Say not thou. What is the cause that the former days were better than these? for thou dost not inquire wisely concerning this." But I suppose I may be allowed to discuss somewhat the reasoning of those who do inquire.

As already mentioned, it is thought by some, perhaps by a good many, that the advance of civilization and cultivation has so changed the flora that no further explanation is needed for the falling off in honey crops. There may be something in that in certain localities. A good deal in some. For where linden has been a chief source of nectar and the trees have all been cut down, there can be no question as to the result. But lindens are not found everywhere, and in many places they have not been cut down, and failures have occurred in their presence.

The destruction of wild flowers by the plow doesn't cut so great a figure as many imagine. Look over the list of wild flowers that yield great crops of honey, and that are destroyed by the plow and tell me what they are. Such

plants as fire weed are not great in number, and are found in only a few regions. Besides, in large areas such as the state of New York and parts of some other states, all the wild flowers were gone years ago just as much as they are now. The disappearance of its crops didn't occur along with the disappearance of the wild flowers, but some time after.

Again, the failures of recent years are attributed to climatic, electric or other occult influences. It may be. Who knows? I'm sure I don't. The weather is responsible for a good many things, and quite possibly it may be the guilty party.

But I fancy I hear some one say: "Suppose you do locate the place, what are you going to do about it?" Well, nothing I suppose. "Then what's the use talking about it?" Well, now, there may be some use in talking about it, even if we can't do any thing about it. A good many of us do a good deal of thinking about it. We've got to—can't help ourselves. After running bluntly up against partial or total failures for a number of years, we can't help but think about the question whether it is wise to continue making preparations for crops that never come. And a thing that's worth thinking about ought to be worth talking about. For myself, if the past two seasons are to be an index of the future, the sooner I get out of bee keeping the less I'll lose by it. And I'd give something to know what the next five or ten years will bring in the way of pasturage.

Notwithstanding the fact that my bees have given no surplus for two years, I'm putting them into winter quarters with a good bit of the same hopefulness I had in years gone by after a good season. I'll tell you a little how it looks to me. If it's the presence or lack of blossoms, I don't see any reason why there may not be as many blossoms next year as there were ten

or fifteen years ago. My chief, indeed my almost sole source of surplus is white clover. Sometimes plants and blossoms are scarce, sometime bloom is abundant. I don't know any great reason why next year may not be one of their abundance.

If it's electric or other conditions that make the trouble, no one that I know of can tell much about them, and as the whole matter lies in the region of uncertainty, why not expect good conditions as well as bad for next year? The weather with all its appurtenances and belongings is proverbial for its changeableness. We've had changes for the worse, are we not just as likely now to have them for the better? Two years of total failures is a somewhat remarkable thing. It would be still more remarkable if we should have three.

Notwithstanding the many failures, there are also successes. This year is reported by some as the best year ever known. May it not come our turn next year? I think I never knew a better fall yield, in my locality, than the present year. Although it gave me no surplus, it was still valuable, for it saved feeding for winter. Now if the bees took a fresh grip on the fall harvest, why may they not do it on the next white honey harvest?

There is also a possibility of increased acreage of honey plants in the future. Rape, alfalfa, crimson clover, sweet clover and perhaps other things are talked of as promising forage plants where they are now little known. Who knows what possibilities there may be in that direction?

On the whole, I think I'll not brimstone my bees just yet.

Marengo, Ill.



IS IT A WHOPPER?

THAT interesting "Somnambulist" has staggered me this time, sure! I have placed great confidence in his

clever and pithy articles hitherto. Indeed, I have "banked" on him to considerable extent in the past, but when he deliberately states in this A. D., 1895, that apples are sold in his vicinity for *ten cents per bushel*—! Well, now, look here! Why we scarcely get a smell of 'em for that amount in Chicago. Now, Mr. Sommy, I confess to a feeling of recklessness this morning in matter of expense, and I'll just order a half peck of you at a venture. I just want to show you that object is no money to me. I'll remit the full amount on receipt of the apples, with telegraphic charges prepaid. There, now!

Bro. Leahy recently took in Chicago. In the language of the modern poet, he is a "bird." None of your common, billious canaries, but a real live, handsome *humming-bird*, with glossy feathers and lots of "go." Why he perches way out there in Higginsville, when he might adorn an establishment right here in town, is a mystery he alone can solve. But then I know from experience that good old Missouri has many alluring spots, and its good people are thick as ears in a cornfield—but men of Bro. Leahy's stamp are kinder scarce and mightily needed down this way. However, I suppose he thinks he'd rather be a big toad in a small puddle than a tadpole in Lake Michigan. Correct! Selah! EMM DEE.

100 State St., Chicago.

As to Bro. Leahy preferring to be a big toad in a small puddle rather than a tadpole in Lake Michigan, Bro. Leahy has this to say: I would rather live and do business where there is plenty of pure air and sunlight, than in the shadows of ten and fifteen-story buildings and have nothing to look upon but the narrow, dirty streets of a large city; and to hear the song of the free, happy birds and the chime of the gentle winds, to that of the dull thud of lumbering dray wagons pounding over the cobblestones of uninviting thoroughfares. Again, if Emm Dee refers to grand old Missouri as a small

puddle, he is entirely "off." There is nothing small about Missouri, and Lafayette county is the garden spot of this dear old state. See what Somnambulist says elsewhere in regard to apples.—Ed.

Notes from Nebraska.

Mrs. A. L. Hallenbeck.

WHY will people be so foolish as to put honey on the market in dirty, sticky sections? I saw a lot the other day that looked as though the sections had been roosting places for the bees for years. To be sure no one expects to eat the sections, but who wants to try such honey when to touch the section box means sticky fingers?

I don't wonder that many people say when asked to try honey that they never use it. Very few housekeepers care to buy dirty sticky things, and in the city where the greater part of the honey raised in our bee keepers' apiaries is sold, the housekeepers do the marketing. A lady goes to the grocery, sees some honey, picks up a package to look at it, gets her glove or fingers bedaubed, and has no further use for honey.

There is a large opportunity for improvement in the way honey is put on the market. Of course all are not so careless, but can we be too careful? The honey of which I write was selling at 15c per pound—at least that was the price asked. I think but little of it was sold. Nice, clean, well-filled, one-pound sections find a ready sale at 20c among the same people who will not buy from the grocery at all.

In bee keeping and honey selling, as well as in everything else, the thriftless and shiftless are apt to come out behind.

The common question among bee keepers just now is, "Are your bees

ready for winter?" It is an old question, but do we yet know all that is to be learned in this part of our work?

I find in preparing my bees for winter, some colonies without enough honey to carry them through while others with exactly the same conditions have enough and some to spare. Will it pay to feed and save such colonies?

Last year I put all the weak colonies two in a hive with division boards between them. Nearly all of them came out one colony in the spring, managing in some way to get together. Would it not have been just as well to unite them in the fall.

My bees were all wintered last year on stores of sugar syrup. A few colonies had cakes of sugar candy beside. Most of the candy was made of granulated sugar—the rest of light brown sugar. The colonies that had the brown sugar candy were the ones that came out ahead in the spring. Why was this?

Tell Tommy we tried some of those Freeman potatoes last year, and got just about our seed back. These we planted this year, and got "nothing but leaves" and vines, as the potatoes were not worth digging. We have potatoes, however—Early Ohio's—yielding nearly one hundred bushels per acre.

Our pumpkins and Hubbard squashes furnished work for the bees during bloom, and feed for the cows and pigs all fall. The sound, good ones have sold for five and ten cents apiece, both pumpkins and squashes, and a good many are still left to sell. We sort them carefully, feeding all small, unripe and crooked specimens.

This is only one little item where we have helped our bees and ourselves at the same time by raising something else in place of all corn.

Millard, Neb.

BEE SPACES.

J. W. ROUSE.

DO not presume to inform veteran bee keepers on this subject, as the importance of correct spacing is well known to them, but to the novice and beginner. It may seem to them of little importance, and yet by its observance and practice I believe the work with the bees is accomplished with about one-half the work where not practiced.

A friend was to see me lately, and informed me that a bee keeper moved into his neighborhood a year ago, and he being a cabinet-maker, the bee keeper applied to him to get some hives made. The bee keeper gave him very minute directions as to size, and was very particular to have spaces a certain size. He made the hives to the bee keeper's perfect satisfaction, but in doing this work it put him to thinking, he wondering why the bee keeper was so very particular to have certain spaces so exact. Well, as is usually the case with anyone, when he began to investigate, he became very much interested, and the result is a full-fledged bee keeper.

In spacing between frames the way the top bars are now cut by manufacturers of bee supplies, if spaced $1\frac{1}{8}$ inches from center to center of top bar, it leaves a plump $\frac{1}{4}$ inch between the top bars, which I think is right. The space between the lower chamber or brood nest and the upper or surplus chamber should be a little more than $\frac{1}{4}$ inch. If we could always maintain a plump $\frac{1}{4}$ -inch here, I would like that the best, but as the bodies will shrink a little, in a very dry time, the space has to be made to allow for shrinkage. If after shrinking it would stay that way, it would be all right, but it will swell again in a wet time, so that it

is impossible to maintain the space between the lower and the upper chamber just right, but perhaps near enough for practical purposes.

While this friend spoken of, being a good mechanic, got these spaces right, there are others who endeavor to make their own hives who can not or do not make them so accurate, so that makes trouble in manipulating.

The bee is a most wonderful insect to study, and so far as they are concerned they know perhaps nothing about space, but only follow instinct, and if the space is too great for them to reach across easily in moving about inside their abode, they will go to work to bridge over with what is called burr comb, and frequently they will not stop by getting the space bridged so they can pass over easily, but will stop the space entirely with comb. Again, if the space is even a little close for them to pass through, they will often fill up the space entirely. This all makes trouble for the bee keeper when handling his hives or bees. So to the novice or beginner, get the spaces right, and thus save much trouble.

Mexico, Mo.

Bees for Sale.



55 colonies of Italian Bees in 8-frame (Langstroth) hives, \$3 per colony on cars here. Also a few colonies of hybrids, at \$2.50 per colony. To be delivered after September 20. Address, 9-4

James Machir, Linwood, Kas.

Please mention the "Progressive."

WANTED!

Prices on Choice Extracted and Comb Honey and sample of Extracted.

MILES GARDNER,
91F **JOPLIN, MO.**

Please mention the "Progressive."





MY CAT catalogue will interest you. HIVES, SECTIONS, FOUNDATION, SMOKERS, and everything that bee keepers use. Prompt, Cheap, and Low Freight Rate.

Walter S. Pouders,

162 Massachusetts Avenue,
2-1y Indianapolis, Indiana

Please mention the "Progressive."

Cherry Grove Apiary.

I have 300 stands of 3-banded Italian bees for sale, and can give you satisfaction in prices and bees. Write for prices on full colonies in eight-frame dovetailed hive. One, two, and three-frame nucleus. Italian queens. In answering this advertisement, mention "Progressive."

E. W. MOORE,
GRIFFIN, POSEY CO., INC.

Please mention the "Progressive."



25 CTS.

Send 25c and get a copy of the
AMATEUR BEE KEEPER,

A book especially for beginners. Address
LEAHY M'F'G. CO., Higginsville, Mo.

OUR LETTER BOX

:O:

5,500 FEET ABOVE SEA LEVEL.

As the busy season for the bee keeper is over, and the nights are long, I take great pleasure in contributing to the worthy columns of the PROGRESSIVE. I will let the readers of this journal know all about bee keeping in this section of New Mexico; I will also try to send you an article every month, and hope the readers of the PROGRESSIVE will appreciate the same.

I am managing the Gila Farm Apiaries, which are located about thirty-two miles from Silver City, New Mexico, in a valley of more than 1,000 acres, in which is grown alfalfa. I am managing this apiary principally as an experiment. I am working to see what per cent of honey may be gathered, and what will be the outcome at the end of

another season. Will work principally for extracted honey. We have at present 120 colonies in good shape for the winter season, and will put in 100 more by next spring. The honey flow was at an end about two months ago. The weather at present is very pleasant, having frost at night and sunshine by day; in fact there is sunshine every day in the year. The bees at present have a fly every day, while there is snow on the mountain tops. There are no other bees within many miles of this apiary, and I will experiment in many ways and report. There will be a continuous bloom of alfalfa from the time it commences in the spring until the frost affects it, besides a profusion of other wild flowers along the river.

Our apiary is located about 5,500 feet above the sea level. The 120 colonies are in 8-frame hives, and the other 100 will be in 10-frame hives. They will be side by side, and will be tested for this locality. Bees, all Italians, no black nor 5-banders. The bee house which is almost completed is 48 feet long and 16 feet wide, comprises three rooms, built of adobe.

Hoping my reports and articles will benefit the readers of this journal hereafter, I am

Yours respectfully,

SIGEL BRAUTIGAM.

Cliff, N. M.

:O:

A GOOD HONEY CROP.

The honey crop was good this year—the best I have had since I have been in the business. Have sold all my honey at home at 10c for extracted and 12½@15c for section. Yours truly,

REV. C. W. GIESE.

Little Rock, Mo.

:O:

LIKES THE "PROGRESSIVE."

Enclosed find 50c for a year's subscription to the PROGRESSIVE. I would not be without it for double the price of it.

JOHN W. HARRISON.

Cedar Mines, Iowa.

REPORT OF THE COMMITTEE ON AMALGAMATION.

We, the Committee appointed at the North American Bee Keepers' Convention held at Toronto, Ont., on September 6th, 1895, on the proposed consolidation of the North American Bee Keepers' Association and the National Bee Keepers' Union, report as follows:

The duties and powers of the Committee are clearly defined in the Resolution which authorized the appointment of the Committee, which after prolonged discussion, was unanimously adopted. The resolution was as follows:

RESOLVED, That a Committee of seven be appointed to take into consideration the proposed amalgamation of the National Bee Keepers' Union and the North American Bee Keepers' Association, and to arrange terms therefor, with full power to perfect the same so far as this Association is concerned; and to report through the bee periodicals as soon as possible. The present President of this Association to be one of the members of that Committee.

The Committee met and organized, and have unanimously adopted the following address:

To Officers and Members of the National Bee Keepers' Union, GREETING:

Being co-workers in one common cause—the welfare of the bee keeping fraternity, and the advancement and defense of the pursuit of apiculture in America—we are authorized by the North American Bee Keepers' Association to offer you the “hand of fellowship,” congratulating you on your efficient organization and successful work during the 10 years of your existence.

As there is no necessity for the existence of two organizations to accomplish the work which can easily be done by one, we propose a consolidation of our two Societies, for the purpose of creating a closer “bond of union” between apiarists, and saving them the extra expense of membership in two bodies in order to gain the benefits and advantages which one can bestow, when united for that purpose.

Ever realizing that “in union there is strength,” we offer you any portion of our name you may desire to appropriate.

We offer you our grand history and work accomplished during the past quarter of a century.

We offer you our members, in every State, Providence and Territory of North America, and, so far as we can, we promise their co-operation in all measures looking to the advancement of the interests of the pursuit, and a continuance of the glorious record you have made in the 10 years of your successful existence.

All we ask in return is, that you add to your already efficient Organization, similar annual conventions to those we have heretofore been holding, at some convenient time and place, and if possible, that you devise some equitable system of delegation, so as to make such thoroughly representative, competent to act for the entire membership.

We desire that the proposition be submitted to your members, together with such Constitutional provisions as may be necessary to effect the consolidation and provide for annual meetings, so that a full and free vote upon the same may be taken at your next annual election of Officers, and hope that this proposition may be accepted—that being the only necessary step to unite us both into

one strong and well equipped organization. If the consolidation is effected, it would be desirable for it to go into effect as soon as possible.

THOS. G. NEWMAN, Chicago, Ill.
F. A. GEMMILL, Stratford, Ont.
J. T. CALVERT, Medina, Ohio.
M. B. HOLMES, Athens, Ont.
A. B. MASON, Toledo, Ohio.
EUGENE SECOR, Forest City, Iowa
R. F. HOLTERMANN, Brantford, Ont.

TO “SOMMY.”

I used to like Somnambulist.
And really thought he fancied me;
But now it seems my guess I've missed—
And I'm as hurt as I can be.
He's gone and asked that city man,
Who simply signs himself Emm Dee,
To visit him, yes, really, an'
Has never once invited me.
I really thought he'd ask me down
Thanksgiving day to dine. I think
He had a turkey nice and brown,
With dainties rare to eat and drink.
But I'll get even with him yet,
He's just as mean as he can be,
And I shall never quite forget,
He left me out and asked Emm Dee.
I hope he'll eat so much he'll get
The indigestion, so I do!
And then I hope (I'm not done yet)
The bees will sting 'em black an' blue.
And so I'm mad as I can be.
And “I don't like you any more,”
You're welcome to your old Emm Dee.
He'll eat up all your apples, “Shore!”
—The Printer's Devil.

S. T. FISH & CO.,

189 SOUTH WATER ST.,

CHICAGO.

We handle HONEY every day in the year. Correspondence solicited. We have been twenty years at above location, and refer to

First National Bank, Chicago,
First National Bank, Los Angeles, Cal.,
First National Bank, San Jose, Cal.,
Gleanings in Bee Culture, Medina, O.

Your banker can see our rating.

**Also dealers in Butter, Cheese, Eggs
Apples, Potatoes.**

Our facilities for selling unsurpassed.
Reserve our address for future reference.

Please mention the “Progressive.”

Golden Queens! From Texas.

My bees are bred for business, beauty and gentleness. Safe arrival and reasonable satisfaction guaranteed. G. W. Barge writes from Union Center, Wis.: "I have one queen you sent me last season that gave me 112 lbs of fine comb honey and 25 lbs extracted this season '93." Untested queens, \$1. J. D. Givens, Lisbon, Tex

Please mention the "Progressive."

The publisher of the Kansas Bee Journal has decided to change the name of his paper, and call it

RURAL KANSAN



It will contain enough about Bees for the average bee keeper, and will also interest him in other subjects, as Poultry, Horticulture, Agriculture, Live Stock, The Home, Etc. 30c a year, monthly. Sample copy free. And you will also want his catalogue of Bee Keepers' Supplies. Address

HENRY L. MILLER,
TOPEKA, KAN.

PROPOSED CONSTITUTION OF THE NORTH AMERICAN BEE- KEEPERS' UNION.

ARTICLE I.—NAME.

This organization shall be known as the "North American Bee-Keepers' Union", and shall hold meetings annually at such time and place as may be designated by the Board of Directors, due notice being mailed to all members at least sixty days previously, and published in the bee periodicals of the United States and Canada.

ARTICLE II.—OBJECT.

Its object shall be to protect the interests of its members, to defend their rights, and to disseminate apicultural knowledge among the people.

ARTICLE III.—OFFICERS.

Sec. 1.—The officers of this union shall consist of a President, Vice President, Secretary, Assistant Secretary and Treasurer, whose duties shall be those usually performed by such officers.

Sec. 2.—The Secretary shall be General Manager, and shall have charge of the executive work of the Union, under the advice of the Board of Directors.

Sec. 3.—The Officers shall be elected by ballot, and hold their several offices for one year, or until their successors are elected and qualified.

Sec. 4.—Nominations for Officers shall be sent to the General Manager before the first day of November in each year, who shall cause the same to be printed in the bee periodicals—and shall be printed and mailed by

Dec. 1, with the necessary ballots, to every member who has paid dues for the previous year.

Sec. 5.—The Treasurer shall furnish a bond of \$2,000 (to be approved and held by the President), for the faithful accounting of the funds of the Union, and shall pay out the funds only on Vouchers signed by the President and Secretary.

Sec. 6.—The terms of office shall be for the calendar year, and the polls shall close on the last day of December.

Sec. 7.—Each annual meeting shall, by majority vote, elect a Chairman and Recorder from those present, to preside over the meeting, and prepare a suitable Report of the Proceedings for publication in the bee periodicals as soon as possible after the close of the meeting. Any member, (whether an Officer of the Union or not), shall be eligible to these positions.

ARTICLE IV.—BOARD OF DIRECTORS.

The Officers shall constitute a Board of Directors, which shall determine what course shall be taken by this Union, upon any matter presented to it for action; and cause such extra Assessments to be made upon the members as may become necessary; provided that only one Assessment shall be made in any one fiscal year, without a majority vote of all the members (upon blanks furnished for that purpose), together with a statement showing good reasons for another Assessment.

ARTICLE V.—MEMBERS.

Any person may become a member by paying to the Secretary an Entrance Fee of \$1.00 for which he shall receive a printed receipt, making him a member of the Union, entitled to all its rights and benefits until the 31st day of December, following. The Annual Fee of \$1.00 shall be due on the first day of January in each year, and MUST be paid within three months in order to retain membership in this Union.

ARTICLE VI.—FUNDS.

Sec. 1.—The Funds of this Union shall be used for any purpose in the interest of the pursuit of bee culture, when approved by the Board of Directors; and to pay the legitimate expenses of the Union.

Sec. 2.—The Salary of the General Manager shall be determined by the Board of Directors, but shall not be more than twenty (20) per cent. of the gross income for each fiscal year.

ARTICLE VII.—AMENDMENTS.

This Constitution may be amended by a majority vote of all the members; provided that all proposed amendments shall be presented in writing, signed by three members, and sent to the General Manager before the first day of November, so that they may be presented in his Annual Report.

WANTED.

Position in an apiary, by a young man, strong, industrious, and well-qualified to take care of bees. Am also a carpenter, and if you are contemplating adding to your apiary this winter, you would do well to write me. Salary reasonable. Address,

A. B. GREEMORE, De Soto, Mo.

WANTED!

10,000 pounds of BEESWAX, for Cash. Address,

LEAHY MFG. CO., HIGGINSVILLE, MO



DECEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

THE PROGRESSIVE BEE KEEPER.

A Journal devoted to Bees, Honey and Kindred Industries.

TERMS: Fifty cents per year, in advance.

Safe in the hives where the wind can't blow.
And the inmates laugh at the feathery snow.

The busy little bees are humming;
I put my ear to the hive one day,
And I heard the queen to her workers say,
As a bee came out and asked me—away:

"Christmas - Christmas is coming."
—Will Ward Mitchell.

:O:

BEFORE another issue of the PROGRESSIVE, Christmas will have come and gone. Therefore, to each and every one of you I wish a merry, merry Christmas.

WITH this number of the PROGRESSIVE, a good many subscriptions expire. Now I don't just know how to say it, but I would like those receiving the PROGRESSIVE this month to look at the wrapper and see if they are in arrears. If you are, I am going to ask you to renew. Hence, send us 50c for another year, and much oblige.

:O:

IN another column will be found the advertisement of the Marshfield Mfg. Co. This is a new company organized for the purpose of manufacturing sections and other apiarian supplies. Mr. W. P. Keyes, formerly of Forncrook & Co., will be one of the new firm—hence it will have the benefit of his experience as one conversant with the business. We wish the firm success.

:O:

MR. S. E. MILLER, who for the past three years has contributed to the pages of the PROGRESSIVE, will in future answer the roll as "merchant" in place of "bee-keeper." We regret to lose Mr. Miller from among our ranks, but wish him success in his new enterprise. Mr. M. will, however, keep a few bees for pleasure, and will make some experiments for pleasure, and, at my earnest solicitation, has agreed, for awhile yet, at least, to furnish the "Star Apiary Notes" which have been so interesting and spicy.

:O:

COFFEE IN PLACE OF "SCHNAPPS."

THIS is what the lady members of the Flint, Mich., churches are offering to the farmers and farmers' boys when they come to town of Saturday evenings as an inducement to keep them away from the saloon, the ladies having opened free coffee houses. The correspondent says, "You see if they get full of coffee, they will not 'go on a bust'." I say if they "go on a bust" and drink nothing but free coffee, they will not "go busted." Surely Hutchy lives in a land of sweet morals taught by the fairer sex.

The Toronto Convention Report Free.



A Full Report of the Proceedings of the North American Convention held at Toronto, Canada, will appear in the weekly American Bee Journal immediately after the meeting, Sept. 4, 5, and 6. The first installment will be in the number for Sept. 19. If not now a subscriber, you can have that report free by sending \$1.00 now for the American Bee Journal for 1895, as we will "throw in" the balance of the year 1895, beginning with Sept. 19, to new subscribers. Think of it! over 15 months (or nearly 70 numbers) of the old American Bee Journal for only \$1.00! Sample copy of Bee Journal free. And besides all that, each new subscriber will receive a free copy of the 160-page book, "Bees and Honey." Better send on your dollar at once, and join the procession.

CEO. W. YORK & CO., 56 Fifth Avenue, Chicago, Ills.

Please mention the "Progressive" in answering this advertisement.

Winter Losses

are not always the result of the same cause. They may come from starvation; from poor food; from improper preparations; from im-

perfect protection; from a cold, wet, or, possibly, a poorly ventilated cellar; etc., etc. Successful wintering comes from a proper combination of different conditions. For clear, concise, comprehensive conclusions upon these all-important points, consult "Advanced Bee Culture." Five of its thirty-two chapters treat as many different phases of the wintering problem. Price of the book, 50 cts. The Review one year and the book for \$1.25. New subscribers get balance of this year free. I can still furnish queens by return mail at \$1.00 each, or \$5.00 for six. One queen and the Review for \$1.50. Queen and book, \$1.25. Queen, Review, and book, \$2.00.

W. Z. HUTCHINSON, Flint, Michigan.

Please mention the "Progressive" in answering this advertisement.

SAVE MONEY.

It is always economy to buy the best, especially when the best costs no more than some thing not half so good. OUR FALCON SECTIONS are acknowledged to be superior to any on the market. The same is also true of our HIVES and BEE KEEPERS' SUPPLIES, of which we make all modern styles. OUR PRICES will be found as low as those of any of our competitors, and in many cases lower, and you are always sure of getting first class goods. We also publish THE AMERICAN BEE KEEPER, a monthly Magazine (Fifth year) at 50c a year, invaluable to beginners. Large illustrated catalogue and price list free. Address,

THE W. T. FALCONER MAN'F'G. CO., Jamestown, N. Y.

W. M. GERRISH, of EAST NOTTINGHAM, N. H. is our Eastern Agent. New England customers may save freight by purchasing of him.

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Make a
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of this.

All Ready for 1896.



"A WORD TO THE WISE IS SUFFICIENT."

We are located in the great Basswood Timber Belt of Wisconsin, where we have the finest Basswood in the world for **ONE PIECE SECTIONS**. We have a saw-mill in connection with our factory, enabling us to take our lumber right from the log. We have all the up-to-date machinery for manufacturing the One-Piece

Sections, and can therefore guarantee you a first-class section in every respect. Our shipping facilities are unsurpassed, having through lines of railroads to Chicago. Write us for prices. We will give bottom figures on sections.

The Marshfield Mfg. Co.

Marshfield, Wisconsin, (Wood Co.), Dec. 1, 1895.

Please mention the "Progressive" in answering this advertisement.

RIPANS TABULES.

Disease commonly comes on with slight symptoms, which when neglected, increase in extent and gradually grow dangerous

*If you SUFFER FROM HEADACHE,
DYSPEPSIA or INDIGESTION,*

TAKE Ripans Tabules.

*If you are BILIOUS, CONSTIPATED, or
have a DISORDERED LIVER,*

TAKE Ripans Tabules.

*If your COMPLEXION IS SALLOW, or
you suffer DISTRESS AFTER EATING,*

TAKE Ripans Tabules.

*For OFFENSIVE BREATH and ALL
DISORDERS OF THE STOMACH,*

TAKE Ripans Tabules.

Ripans Tabules act gently but promptly on the liver, stomach and intestines; cleanse the system effectually; cure dyspepsia, habitual constipation, offensive breath and headache. One TABLET taken at the first indication of indigestion, biliousness, dizziness, distress after eating, or depression of spirits, will surely and quickly remove the whole difficulty.

Ripans Tabules are prepared from a prescription widely used by the best physicians, and are presented in the form most approved by modern science.

If given a fair trial, Ripans Tabules are an infallible cure; they contain nothing injurious, and are an economical remedy.

One Gives Relief.

A quarter-gross box will be sent, postage paid, on receipt of 50 cents, by

RIPANS CHEMICAL CO.,

10 SPRUCL STREET. - - NEW YORK.

Local druggists everywhere will supply the Tabules if requested to do so.

They are Easy to Take, Quick to Act, and Save many a Doctor's Bill,

DO YOU USE TOBACCO?

If you do, we know you would like to quit the habit, and we want to assist you, and will, if you say the word. The use of Tobacco is injurious to the nervous system, promotes heart troubles, affects the eyesight, injures the voice, and makes your presence obnoxious to those clean and pure from such a filthy habit.

How Can we Help You? Why, by inducing you to purchase a box of COLLI'S TOBACCO ANTIDOTE, which is a preparation compounded strictly of herbs and roots, which is a tonic to the system: also a cure for the Tobacco Habit.

Would You Like to be Cured? If so, call on your druggist, or send us one dollar, (\$1.00) and we will send you, postpaid, by mail, a box of COLLI'S TOBACCO ANTIDOTE.

What we claim. This is not a discovery of an ignorant Indian, or some long-haired cowboy claiming to have come into possession of some valuable remedy by being captured out west, but is a discovery of twenty years' study by one of the most eminent physicians or the east, who has made nervous diseases a study.

Throw away Tobacco and you will have no more stomach Troubles, Indigestion, Heart Trouble, or Dyspepsia. Cigarette Smoking is also cured by using two boxes of COLLI'S TOBACCO ANTIDOTE.

Our Responsibility. We would not expect you to send us your money unless you were sure of our honesty and good intentions. Hence, before entrusting money to us, we most respectfully refer you to the Bank of Higginville, Citizens' Bank, of Higginville, or to the postmaster of this city, as to our responsibility, etc.

Smithville, Mo., May 20, 1895. □

Colli Company, Higginville, Mo.: Dear Sirs—Please send me by mail postpaid, one dozen Colli's Tobacco Antidote, for which find enclosed cash in full payment of bill. The box I got from you I have been using just one week today. I have not craved tobacco since the first day I used it, and the desire has almost entirely gone. I think I can heartily recommend it and conscientiously sell it.
Very respectfully,
J. M. AKER.

Chicago, Ills., December 7, 1894.

Colli Company, Higginville, Mo.: Gentlemen—I had Mr. Vermillion, the agent of the Chicago & Alton railroad at your place, to procure for me a box of your "Colli's Tobacco Antidote." and have taken it with wonderful success. I have some friends here that want to use it. I have tried several of the leading drug stores here, and can't find it. If it is on sale here, let me know where as soon as possible.
Yours truly,
W S GRAY
Conductor C & G T R R, Chicago, Ill

How to Send money. Money can be sent at our risk by registered letter, postoffice money order, or bank draft on some commercial center. In no case send local checks. In most cases a dollar can be sent in a letter without registering, but we would not be responsible for any loss thereby.

COLLI COMPANY, Higginville, Mo.



The....

Simplex Typewriter.

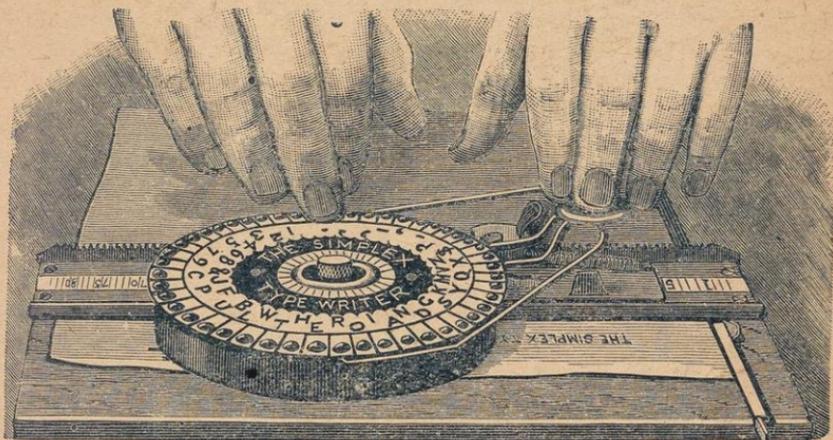


The Simplest Thing in the World.

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.



Sci. Am. N.Y.

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 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,

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QUEEN BEES IN SEASON.

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A 70-Page Book for Beginners.

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SECOND EDITION JUST OUT.

Many new features added, and the book brought fully up to the times. The first thousand sold in the short space of two years. All beginners should have this book. Price of Amateur Bee Keeper, 25c; by mail, 28c; "Progressive Bee Keeper," monthly, one year, 50c. We will club both for 65c. If not convenient to get a money order, you can send one and two-cent stamps. Address orders to

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LEAHY MFG. CO., Higginsville, Mo.

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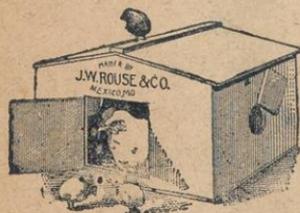
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AMATEUR BEE KEEPER.
It will tell you how to begin, and
how to succeed in bee keeping.

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Queens.



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Supplies.



The Model Coop.

RAT, CAT and VARMINT PROOF.

One nailed and five packed inside, making six in all, \$3.50. Eggs for hatching from S. L. Wyandotte, B. Langshans, \$1.50 per 13; 26, \$2.50; S. C. B. Leghorns, \$1.25 per 13; \$2 per 26.

Catalogue free, but say if Bees or Poultry Supplies are Wanted, or both.
Address,

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